

# A Complete Bibliography of Lecture Notes in Mathematics (1990–1999)

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## Title word cross-reference

(7, 1) [Met91]. ( $d > 1$ ) [LO98b]. ( $k - 1$ ) [Küh95a]. ( $n + 1, 1$ )  
[Met91a, Met91d]. ( $\pi_N^S, 32 \leq N \leq 45$ ) [Koc90a]. ( $\pi_N^S, 46 \leq N \leq 64$ ) [Koc90g].  
( $\pi_N, 9 \leq N \leq 31$ ) [Koc90e]. \* [SZ90]. + [DP91c, Pat90]. 0 [Mar96f]. 1  
[DRSŽ91b, Hub95b, Hub95g, Lea90, Mar91, Oda90a, Paz91, Rut97n, Rut97o,  
Yap96b]. 1/4 [Ham91]. 16<sup>th</sup> [Den92]. 2 [BL92a, BR90f, Cos90a, DR91, Dub96,  
DRSŽ91b, Dūn92, Fre94, Ger92, Han90, HYL91a, HA90a, Huc90, KW94,  
Kim94, Kin94, Mar90b, Møl90, NZ99f, Oda90b, Räb91, Yap96b]. 256  
[Sho92r, Sho92s]. 27 [Hun96a].  $2^n$  [GC92].  $2k$  [Küh95a].  $2l > n$  [Kar97c].  $2n$   
[Cas92]. 3 [BP97c, BF93g, CG97e, CS92b, DRSŽ91a, Gra91a, GDT91, HM90,  
Joh95a, Joh95c, Joh95f, Kai97a, Kai97b, Kai97d, Kai97e, Kai97h, Kna95h,  
Küh95b, LP90a, McC90c, Wir98a].  $3n + 1$  [Wir98g, Wir98f]. 4  
[Aud90, HH92, Kna95e].  $4l > n + 1$  [Kar97e]. 5 [AE90]. 7 [Rou90]. 9 [AE90].  
[0, 1] [CV93].  $[0, T]$  [Der95].  $[X, Y]$  [Årk90b].  $\frac{sq}{p}$  [Li91].  $A(5)$  [Met91].  $A(6)$   
[Met91].  $A(t, B_t)$  [Wal93].  $a*_p$  [BZ92].  $A_3$  [Koz91].  $A_5$  [BK94, KW94, Kin94].

$a_f$  [Mas95].  $A_\infty$  [HSS91].  $\alpha$  [Thi91].  $\text{Aut}(X(q))$  [BOERT96a].  $B_{dR}$  [Kat93a].  
 $\bar{\partial}$  [Cha91n].  $\beta N$  [Tod97d].  $\text{mod } P$  [Gre90].  $C$   
[Bek91a, Che90b, CHT92, deL94c].  $c(a, p, q)$  [GE98f].  $C(K, X)$  [CM97a].  $C^*$   
[Pis96j, Tro91].  $C[a, b]$  [Kit94c].  $C^*$  [NZ99a].  $C^+ - C^-$  [Pir94].  $C^0$   
[Bot92, Pil94e].  $C^{1,\alpha}$  [Cha91g].  $C^{2l,l}$  [Mog92].  $C^\infty$  [Col92g, Rou90].  $C^n$   
[Che90a].  $c_0$  [CM97d, GJ91].  $C_0(Q)$  [Kit94c].  $c_1$  [Xi94m].  $c_1^2 = 10$  [DR91].  
 $c_2 = 3$  [DR91].  $C_{n-1}$  [Cha91b].  $C_{n-1}(\bar{Q})$  [Cha91l].  $C_R(X)$  [VM92].  $CW_A$   
[Far96g].  $D$  [Ber90a, Ber90c, Bui92a, Bui92c, Bui92f, SS93, vdG93].  $d(a, p, q)$   
[GE98f].  $d[X, X]_t = dt - X_t^+ dX_t$  [AR94].  $D_G(X)$  [BL94a].  $D_{\text{MR}}$  [Hub95a].  $\Delta$   
[Mil94d].  $\delta_{3,r}(S, H)$  [MO93d].  $\text{div } \mu = \epsilon$  [vW90].  $E$  [Slo91].  $e^z$  [VC90].  $E_2$   
[Lin90].  $E_8$  [Shi91b].  $E_n$  [Bia90a, Bia90b].  $\ell$  [Jan90c].  $\ell^1$  [Leu91].  $\ell^\infty$   
[Sch90h].  $\ell_1$  [CM97d].  $\ell_p$  [KO91].  $\epsilon$  [Eke90, Ger90, Sch91j].  $\epsilon(X \times Y)$  [BH90b].  
 $\epsilon^*(X)$  [Rut97b, Rut97a].  $\epsilon_\#(X)$  [iM90a].  $\epsilon_B^B(X \times_B Y)$  [BH90b].  $f$   
[SM99u, SM99n].  $F[a, b]$  [Kit94e].  $F_q$  [Abr96a].  $F_q[t]$  [Abr96a].  $G$   
[Bar93g, BV93, Bou97i, HL92, KV92, Kum97, Møl90, Mor90b, Sch94m,  
Sch94o, Sch94j, Tam99c, Win95b, Win95c].  $G(T)$  [IK99a].  $G/K$  [Mor90b].  
 $G^{d+2}$  [JL91].  $G_T(\Theta)$  [MS94a].  $\Gamma$  [Nie91d, Nie91g, Nie91j].  $\Gamma_0(N)$  [Wan94].  
 $\Gamma_0\mathcal{H}, \langle , \rangle$  [Nie91a].  $\Gamma_2$  [Bak91].  $\gamma_3(S)$  [MO93d].  $\text{GL}(2, p^k)$  [Sho92l, Sho92o].  
 $\text{GL}(4, 2)$  [Sho92m].  $\text{GL}(4, 3)$  [Sho92m].  $\text{GL}(4, p^k)$  [Sho92t].  $\text{GL}(6, 2)$  [Sho92p].  
 $\text{GL}(n)$  [Hen90b, Oda90a].  $\text{GL}(q, p^k)$  [Sho92u].  $\text{GL}_2$  [Coa99].  $\text{GL}_n$  [Har90b].  
 $\text{Gor}(T)$  [IK99a, IK99e].  $H$  [BL91a, Neu96a, Neu96c, Rut97h, SM99a, SM99h].  
 $H * (B(Z/p)^r)$  [HS92].  $H * V$  [BZ92].  $H^1$  [Bea92, JcC91, Sar92].  $H^2(\mathbf{C}^K)$   
[YSA92].  $H^\infty$  [Foi91, Gra99].  $H^P$  [LS93, DK94, Han91, pL91, Suf90].  $H_\infty$   
[Fra91, Kwa91, MP91].  $\text{Hilb}^3 P^3$  [RL90].  $\text{Hilb}^4 P^2$  [AV90].  $\text{hom}_A(A, W)$   
[Vas92].  $I$  [Slo91].  $\Im$  [CP92].  $\Im_n$  [HP92].  $\text{IP}_4$  [DPIPS90].  $J$  [Koc90c, Muk90].  
 $J_0(N)$  [Rib99].  $J_{3,0}$  [Ura93f].  $\text{Jac}(W_d^1(C))$  [CHT92].  $K$   
[BS90a, CT93, Far96a, Gil92, Gub90, HKR92, IP92, Ina90a, Ina90b, Jan90b,  
Jan90d, Jan90c, Kan90, LPLG<sup>+</sup>92, Lod92, Mur94, Sou92, Wah95i, Wür91,  
Bal90b, Bor92, Küh95h, MM90].  $K/J$  [Mil94a].  $K3$  [Ura93e].  $KK$  [Pus96a].  
 $L$  [CP91e, CP91g, Fuj90a, HWW93a, Har90c, Kat93a, iM90b, Pan91h,  
Sch90x, Kin94].  $L(n, d)$  [Met91o].  $L[\mathbf{R}]$  [Bek91d].  $L^1$  [Pra92, Pea91].  $L^2$   
[Cha91c, Cha91f, Cha91b, Dem96, Lam92, Mit94a].  $L^2(\Gamma \setminus G)$   
[Kon90, Wal90c, Wan90].  $L^2(\mathcal{F}_t) + \mathcal{G}_T(\times)$  [MS94a].  $L^\infty$  [Gra99].  $L^p$   
[Dor93, Ebe99f, Ebe99a, GGS93, Iwa92a, Iwa92b, Nil94f, Röc99, RS91b,  
Tai91a, Tai91b, Üst95a, Zuc91].  $L^q$  [FS92, RS91b].  $L_+^0(\Omega, \mathcal{F}, \mathbf{P})$  [BS99].  
 $L_1(G)$  [Ouy91].  $L_2$  [Jaj90, Jaj91a, Jaj91f, Jaj91h, Wah95c, Wah95d].  $L_f$   
[Far96g].  $L_\infty(\mu, X)$  [CM97h].  $L_P$  [LS93, Wie90].  $L_p(\mu, X)$  [CM97d, CM97b].  
 $L_p^n$  [SS91].  $\leq 0'$  [HS90a].  $M$   
[HWW93b, HWW93c, HWW93d, HWW93e, HWW93f, HWW93g, MT91b].  
 $M(\partial_t)$  [KM97f].  $M(\partial_t) - \omega(t)$  [KM97d].  $M(\partial_t) - \omega_0$  [KM97e].  $M(\partial_t - \omega(t))$   
[KM97g, KM97i].  $\mathbf{C}^n$  [Aiz94, Kul91].  $\mathbf{C}p^n$  [BOWV91].  $\mathbf{P}^1$  [BFS98f].  $\mathbf{P}^n$   
[BS92].  $\mathbf{PV}_s(u, v; r)$  [IK99b].  $\mathbf{Q}$  [KW94].  $\mathbf{R}$  [Arn99, Fou95].  $\mathbf{R}^6$  [Mul90c].  $\mathbf{R}^d$   
[BIOS90].  $\mathbf{R}^n$  [Tur90a].  $\mathbf{Z}$  [Phi90].  $\mathbf{Z}[i]$  [Phi90].  $\mathbf{Z}_2$  [Kan90].  $\mathbf{Z}_p$  [vH90].  $\mathcal{B}$

[HMN91j].  $\mathcal{FS}$  [BFS98g].  $\mathcal{P}$  [vdPS97c].  $\mathcal{H}$  [Nie91d, Nie91g, Nie91j].  $f \downarrow \setminus$   
 $[\text{Ser92o}]. \mu$  [vW90].  $N$   
 $[\text{HP92}, \text{Joh95c}, \text{Kit93}, \text{Mey99i}, \text{Son90}, \text{BT93}, \text{Day92}, \text{Met91n}, \text{Met91o}]. N(p)$   
 $[\text{Acc94b}]. n^2 + n + 1$  [Met91g].  $n^2 + n + 2$  [Met91h].  $\nu$  [MO93g].  $O'''$   
 $[\text{Dow90}, \text{BP97k}]. O(3)$  [Bar93a, CA91].  $O^*$  [Ino98a, Ino98e].  $O'$  [Ars90].  $o_K$   
 $[\text{Lan96a}]. \oint \Delta^0(a) \oint$  [Abr96c].  $\Omega$  [Far96g].  $\omega(t)$  [KM97g].  $\omega_0$  [KM97e].  $\otimes$   
 $[\text{Hub95a}]. P$  [Mar96f, AS90a, And90, BBD90, Cri90, DG90, DNQ99, DN99d,  
 $\text{DN99b}, \text{Far96e}, \text{Gre92e}, \text{Ish92}, \text{KLGP97h}, \text{KLGP97g}, \text{KLGP97o}, \text{Oda90a},$   
 $\text{Ogu90}, \text{Sch90h}, \text{Zuo99c}]. p = 1$  [CHT92].  $p > 1$  [Iwa92b].  $p^{-1} \geq R$  [Gre92d].  
 $P^2$  [EP90].  $P_d(X)$  [CDP90j].  $p_g = 1$  [MO93b, MO93c].  $\text{PG}(t, q)$  [HH92].  $\pi_1$   
 $[\text{CT92}]. \pi: R \times M$  [Kru97g].  $\text{PS}(s, j; r)$  [IK99f].  $\text{PSL}_2(1)$  [Kin94].  $Q$   
 $[\text{Kim94}, \text{BF93i}, \text{Pra91}, \text{vdPS97j}]. q = 3$  [HH92].  $q > 2$  [Sho92u].  $Q_{2,0}$  [Ura93f].  
 $q_s$  [Xi94a].  $R$  [Ani90, Kru97g, SS93, Sto92h, Yap96c].  $r = 3$  [IK99d].  
 $r > (n - 2)$  [Ale91].  $R^3$  [Bou91d, Bor92].  $R^N$  [BL91b, Nil94e].  $\text{rot}\mu = \gamma$   
 $[\text{vW90}]. \text{Rp}^2$  [BOWV91].  $S$   
 $[\text{Abr96e}, \text{BCDS92}, \text{Kun92}, \text{Sch91g}, \text{vdPS97k}, \text{Met91q}, \text{Pra91}]. S^{2n}$  [DM90a].  
 $S^4$  [Huc90].  $S^{n-1}$  [Lou91a].  $S_{g,1}$  [LO98a, LO98e].  $S_{g,d}$  [LO98b, LO98f].  $\sigma$   
 $[\text{HFS94a}]. \sigma(X, X^\odot)$  [vN92a].  $\Sigma_2$  [GM90].  $\Sigma_\infty \int X$  [Dün92].  $\text{Sl}(2)$  [HN93k].  
 $\text{Sl}(2, R)$  [Kni91].  $\text{SP}$  [CG97e].  $\text{Sp}(2)$  [DM90a].  $\text{Sp}(3)$  [DM90a].  $\text{SU}(2)$  [Bia92].  
 $\text{SU}_q(2)$  [NM92].  $\sum_{n \leq N\{\alpha+\beta\}}$  [Sch90l].  $T(b)$  [Dav90].  $\Theta$  [SV91b].  $\tilde{p}$  [KLGP97h].  
 $\tilde{P}$  [FP98a].  $\tilde{Q}$  [FP98a].  $\tilde{W}^{1,2}$  [Cha91m].  $T \times \mathbf{C}^*$  [Xi94d].  $t \rightarrow \infty$   
 $[\text{Dix97f}, \text{HS91}]. U$  [Uri90, Gin97a].  $U_q^{\text{red}}(\mathfrak{sl}_2)$  [FK93h].  $V$  [DP91b].  $V_1$   
 $[\text{Far92}, \text{Coh90}, \text{DM90a}, \text{Far96a}]. \varphi$  [DNQ99].  $W$  [LO98i].  $\widetilde{G}_2, \widetilde{B}_2, \widetilde{A}_2$  [Xi94c].  
 $X$  [Pus96c, Pus96g, Pus96k, Sch94r].  $X = G/H$  [Win95b, Win95c].  $X[\sqrt{-1}]$   
 $[\text{Sch94r}]. X^\alpha$  [CV93].  $X_b$  [Sch94c, Sch94b].  $Y$  [DG90, KZ92d].  $y'$  [KZ92d].  $y''$   
 $[\text{KZ92d}]. y\partial/\partial x + (\pm x^3 \pm x^6 y)\partial/\partial y$  [Rou90].  $Z_{1,0}$  [Ura93f].  $Z_2$   
 $[\text{Eyr98a}, \text{Eyr98h}, \text{Eyr98i}]. Z_p$  [IR92].  $|X|$  [Sta93].

\* [LM90, Nie91j]. **\*-algebraic** [LM90].

- [Dam91a, Pra91, Slo91]. **-action** [IR92]. **-Adic** [AS90a, And90, BBD90, Cri90, Hub95b, Hub95g, Jan90c, Oda90a, Ogu90, Sch90h, Wir98a, Zuo99c].
- adically** [KLGP97h]. **-algebra** [Pis96j]. **-algebras** [BZ92, Ino98a, Ino98e, NZ99a]. **-Analogue** [Xi94a]. **-analysis** [Röc99].
- Arithmetic** [Abr96e]. **-balls** [Ger90]. **-body** [LP90a, Mey99i, Kit93].
- Boundary** [Cha91f, Cha91g, Cha91b]. **-bundles** [Kum97]. **-categories** [Mar90b, Slo91]. **-cells** [Lea90]. **-closed** [SM99a, SM99h]. **-Cohomology** [Zuc91]. **-complex** [Pus96c, Pus96g]. **-complexes** [HA90a, Huc90, Pus96k, Tro91]. **-connected** [Küh95a, Rut97n, Rut97o].
- constructible** [SS93]. **-Control** [MP91]. **-convex** [Day92, MM90]. **-cover** [Sto92h]. **-D** [GDT91]. **-designs** [Met91a, Met91d, Met91l]. **-Difference** [vdPS97j]. **-differentials** [Lea90]. **-dimensional**

[Fre94, Kai97a, KW94, Kim94, Kin94, Kna95e, Kna95h, NZ99f]. **-divisors**  
 [SV91b]. **-entropie** [Thi91]. **-equivalent** [Rou90]. **-equivariant** [Bar93a].  
**-estimate** [Cha91b]. **-estimates** [KO91, Räb91]. **-extensions** [Gre92e].  
**-fields** [BK94]. **-filtered** [HFS94a]. **-Fold** [Met91q]. **-forms** [Paz91].  
**-functions**  
 [Li91, CP91g, Pan91h, CP91e, DP91b, Fuj90a, Har90c, Kat93a, iM90b, Sch90x].  
**-graded** [Eyr98a, Eyr98h, Eyr98i, Kan90]. **-graphs** [BP97k]. **-group**  
[Bui92a, Lan96a]. **-Groups**  
[KLGP97g, SZ90, KLGP97h, KLGP97o, Bui92c, Bui92f, CP92].  
**-homomorphism** [Muk90]. **-Ideals**  
[HWW93f, HWW93b, HWW93c, HWW93d, HWW93e, HWW93g].  
**-induction** [GM90]. **-invariant** [BV93, Tam99c]. **-jet** [Rou90]. **-local**  
[Ani90]. **-manifold** [HM90]. **-Manifolds** [Joh95f, BP97c, CS92b, Joh95a,  
Joh95c, Kai97b, Kai97d, Kai97e, Kai97h, Küh95a, Küh95b, McC90c]. **-map**  
[MO93g]. **-matrix** [BCDS92]. **-method** [Cha91c]. **-modules**  
[Ber90a, Ber90c, SS93]. **-multiplicity** [Iwa92b]. **-multipliers** [Üst95a].  
**-Neumann** [Cha91n]. **-opération** [HL92]. **-operator** [Wah95i]. **-optimal**  
[Kwa91, Pea91]. **-partite** [Yap96c]. **-periodic**  
[DM90a, Far96a, Coh90, Far92]. **-pinched** [Ham91]. **-point** [AE90]. **-point/**  
[AE90]. **-polynomials** [Pra91]. **-processes** [Gin97a]. **-product** [Hub95a].  
**-projections** [Wah95c, Wah95d]. **-prospaces** [HP92]. **-Régularité** [Bek91a].  
**-relation** [Joh95c]. **-resolvents** [deL94c]. **-rings** [SM99u, SM99n]. **-sets**  
[Bou97i]. **-Spaces**  
[Jaj91h, Bar93g, FS92, Jaj90, Jaj91a, KV92, Møl90, Rut97h]. **-spanned**  
[Bal90b]. **-spannedness** [BS90a]. **-sphere** [Han90]. **-spheres** [BR90f].  
**-stage** [Møl90]. **-statistics** [Gin97a]. **-structures** [Mar96f]. **-summands**  
[HWW93a]. **-term** [Lin90]. **-th** [Cas92]. **-theorem** [BL91a]. **-théorie**  
[CT93]. **-theories** [HKR92, Wür91]. **-theory**  
[Ina90a, Jan90d, LPLG+92, Mur94, Far96a, Gil92, Gub90, IP92, Ina90b,  
Iwa92a, Jan90b, Jan90c, Kan90, Lod92, Pus96a, Sou92, Uri90]. **-tightness**  
[Küh95h]. **-Topology** [Pil94e, vN92a]. **-topos** [Sch94o]. **-toposes**  
[Sch94m, Sch94j]. **-tori** [Ish92]. **-torsion** [Far96e, Kin94]. **-type**  
[KW94, Kin94]. **-types** [HP92]. **-unit** [Sch91g]. **-units** [Kun92]. **-Variation**  
[DN99d, DNQ99, DN99b]. **-variational** [Eke90]. **-widths** [BT93].

**1** [HOR91a]. **17ème** [GC92]. **1987** [XD90]. **1988** [AvW90, Alb90, AYM90,  
BS90c, BLM+90, CDZ91, FG90, GT90, Hen90a, HMRS90, KÜ90b, LW90b,  
Lat90, Mim90, NF90, Odi90, Pic90, SBL90, TBR91, Vil90]. **1988/89**  
[AYM90]. **1989** [ASMS90, AK90, BBD90, BDF91, BPSH91, CR91, Cel90,  
FR90c, FIK90, JOP91, JLP90, Kov90, LS90a, NO91, RSSV90]. **1990**  
[ACC92, ACE91, BCC92b, Ben91b, BM91, CF92, CPR91, FPSW91, Hen92,  
HLN91, HPSS92, KRW92, Kul92, MP91, Vuo92, YS92, dBT91]. **1991**  
[Bal93, CC92, CTKV93a, CT93, CMR92, FZ93, GS93, Gra94, Hen93,  
HMRS92, KZ93, Kom93a, ST92c]. **1992**

[BGM94, BV93, CP93b, DM93b, ZD93]. **1993** [BA94, Ber95, FG96, Vis94].  
**1994** [Ber96, CC96, Joh95g, Rug96]. **1995** [Ber98b, DL97, Nar97, TT96].  
**1996** [GGSC97, HS99, Run97, TPZ98]. **1997** [Ber99a, Cap99, Qua98, Vio99].  
**1998** [Da 99]. **1st**  
[Cap99, Cel90, DM93b, FG96, FZ93, Odi90, Rug96, TT96, TPZ98, dBT91].

**21-29** [BA94]. **25th** [NO91]. **2nd** [Bal93, BA94, CR91, Da 99, DL97, FG90, HRS91, HS99, Joh95g, MP91, Qua98, ZD93].

**3rd** [CF92, CC96, CP93b, Gra94, Nar97, Run97, Vio99, Vis94].

**40ème** [Mal91].

**88** [Ina90a]. **89** [HT90a, OR91].

**90** [Gre92b, LM91].

**A.** [DN99a, Tik90]. **Abel**

[GV91c, GV91a, GV91b, GV91f, GV91h, GV91i, GV91j, GV91k, Rei90c].  
**Abelian** [BCC92b, AH90, AR96b, BL92c, Bro90b, CG91, Dat90, Eva92d, FS90d, FPS92, Hin98, LO98o, Zuo99c, AH92d, AR96e, DRSŽ91a, DRSŽ91i, EE93, GH90, Hui93, Hul90, LO98h, Van96h, vG94]. **abeliennes** [Deb92].  
**above** [LQ95c]. **Abramov** [BC92m]. **absolute** [Jan90e]. **absolutely** [Bun92]. **Abstract** [Cor91, Del91b, Kat93b, Mar96a, Mar96i, Ric99a, XL98d, Col92a, Dor93, Fla91, Mil94k, Rob90]. **abundant** [Pel92]. **Acceleration** [Bal94a]. **accéléro** [Eca90]. **accéléro-sommation** [Eca90].

**Acknowledgement** [AH92a, BFS98a, Pan91b]. **actifs** [Ans94]. **acting** [Abr96b, BMMN98d]. **Action** [MF94a, CP93c, IR92, Tur90a]. **actions** [CW91a, KB96b, KB96a, Sad91, Sch94g, Sch94l]. **acyclic** [Huc90]. **adapted** [DS95]. **Adaptive** [Joh98]. **Addendum** [Oba94a]. **addition**

[AR96g, Mol93j]. **additional** [Par91b, Vät97d, Zim98e]. **Additive** [AB91, Ban91a, AS98h, Fuk93, Jaw91]. **Adèle** [Sho92a]. **Adiabatic** [Bor98a]. **Adic** [AS90a, And90, BBD90, Cri90, Hub95b, Hub95g, Jan90c, Oda90a, Ogu90, Sch90h, Wir98a, Zuo99c]. **adically** [KLG97h]. **Adjoint** [Bou97a, vN92c, vN92e, Fuj92, Pal90, vN92b, vN92d]. **Adjoints** [Neu97j].

**Adjunction** [Bou97b, BSW92, Dem96]. **Admissible** [CP91e]. **Advanced** [Qua98]. **adverse** [BR97]. **aerosol** [Oud91]. **Affine**

[AM91, BCDS92, Bui92a, Cal90, Dek96b, Xi94b, Xi94l, Bou91e, Koz91, MM91a, Sch94d, Van96f, Xi94c, Xi94e, Xi94g, Xi94h]. **affinely** [MR91a].

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[BV90, FMSW91, Fro91, JPA97]. **d'équations** [MS91a]. **d'Équivalences** [Did90]. **Dérivation** [AY90]. **derivations** [Pis96b]. **derivative** [Gra91a, Ino92, Kac91, Üst95c]. **Derivatives** [KZ92c, Cha91h, EY93, Wah95b]. **Derived** [BL94a, Bjö91, Hub95i, Hub95q, KZ98, Hub95j, Rou98]. **derivée** [Dur90d]. **Derivées** [Par91a, Bon91]. **descent** [Gre92f, Neu97b, Neu97c, Neu97r]. **description** [Gli92, Woy98i, Pis96g]. **Design** [Sto92e, Hel91, Sto92n]. **designs** [Har93e, Met91a, Met91d, Met91l]. **Désiré** [McG92]. **d'Estudis** [CC92]. **desuspensions** [Cru90]. **d'Été** [BGM94, Ber95, Ber96, Ber98b, Ber99a, GGSC97, Hen90a, Hen92, Hen93, BPSH91]. **detecting** [Fit93]. **determinant** [Kra90]. **Determinantal** [IK99g, FP98e, IK99b, IK99f]. **determinants** [Lor92n]. **Determination** [GV91c, Oud91, Met91l]. **Deux** [CS96, Pra94]. **development** [LL93, Nov92, Wic91d, Wic91e, Zor92]. **Developments** [dT91, Sch92a]. **deviation** [JS91b]. **deviations** [Bal90a, Fre92, Kif91, Led90, MWNPA92, Yur95a, Yur95e]. **device** [BMMP91]. **d'exemples** [Val94]. **DG** [BL94b, Kap91]. **DG-modules** [BL94b, Kap91]. **d'Heisenberg** [Ech96]. **diagram** [Ros90]. **diagrammatic** [Bog90]. **diameter** [BL91b]. **Dichotomy** [vN92f, DU92]. **Dickson** [JS92]. **diédrales** [Lab90]. **Dieudonné** [LO98g, LO98j, LO98i]. **diffemorphisms** [Gli92]. **difféomorphismes** [Don90]. **diffeomorphisms** [LQ95b, LQ95i, LQ95h]. **Difference** [Nil94b, Pot95b, vdPS97c, vdPS97f, FS91, KZ92a, Neu97d, Nil94e, Pot95g, Wah95k, Wet92, vdPS97a, vdPS97g, vdPS97h, vdPS97l, vdPS97m, vdPS97j]. **Differences** [KZ92c, Bar90c]. **different** [FPS92, Haz93, Hel92, SOA91]. **Differentiability** [DN99a, DN99d, Kos95a, Phe93c, XL98e, Day92, DN99c, Hu95, Phe93f]. **Differentiable** [Rei91a, Rei91b, FF97, GI91, HT90b]. **Differential** [Bui92d, BM91, Dim91, FPSW91, FIK90, FZ93, HMN91c, MO93c, Neu97n, Pia90, Sim91a, Sta92, TT96, Van91, XL98d, AT98, AS98e, BMO98, Bar97, Bax91, Bia90c, BH90c, Bui92b, Cal90, CMZ91, Car91b, Coh95, CW91b, CP91d, Dor93, Egg91, EQ97, ES99b, Gil90, Gru91a, Har90c, HS91, HS93, HMN91b, Hu96, JL91, Kac91, Kal99, KY91, KM97a, KP96b, KP96c, Liu96b, MY99, MY07, MT90, Mar92, Maw93, Mor91, NSS92, Neu97q, Nil94a, Nor92, Par90, Pom98b, Pom98d, Pyt99a, Pyt99f, Rau95b, Sch90p, Sch95a, Sch95b, Sim91k, Tai91b, Tal96, Tay92, Yau92, ZL90, Zvy90b, ZD92]. **Differentially** [Woo98]. **differentials** [Lea90, Mat90b]. **différentielles** [Cép95, JP91a, JY90, MS91a]. **différentiels** [Ber90c, dM93a]. **Diffraction** [CL99a, GDT91, JS91a]. **Diffuse** [Grü91b]. **Diffusion** [Ebe99g, ELL99h, Git98, Ama91, Blü90, Cap98, CML90, DP91i, DW97, FMSW91, KT93, Kus93, Maz97, MSS94, Nag93, Rai96, Röc99, Wat99]. **Diffusions** [Bar98, App90, Bal90a, Hec98, Kry99, McG92, Woy98e]. **digit** [Gra90a]. **digits** [AS90b, Kir90]. **digression** [Sim98a]. **dihedral** [Erd90a]. **dilations** [HS90b]. **Dimension** [AS98d, BC92c, Bui92d, Tur90a, AB90a, Aud90, Dat90, FK93f, Kna95f,

Lus90, McC90b, Rut97m, Sch94c, Sch94b, cSyW91, Wal91a, Wri90, Zuo99f]. **Dimensional** [GHS97e, Göt94d, Kuk93a, Win95a, Bar93b, Bou91b, Dar91, Fis90, Fre94, Hen90c, Hey93, HS90b, IK99d, IK99e, Kai97a, KW94, Kim94, Kin94, Kna95e, Kna95h, Koc90f, KZ91, Kry99, KP96c, KB96b, KB96a, KB96g, Lan90a, Mat90a, Miz92, Mot91, Mul90a, NZ99f, OSK93, Ol'92, Ore90, Pal91, Rei90c, RG96g, Röc99, Tam99e, Val90c, Wah95h, Win95b, Win95c]. **Dimensions** [Da 99, Sch90u, Ber90b, Ebe99b, Ebe99a, FH90, FK93a, Sch91a, Wah95c, Wah95g, Yur95f]. **diminishing** [CS92a]. **d'immersions** [Gir90]. **d'intégrales** [BRS94, Pra94]. **d'interpolation** [DDD90, Phi90]. **d'invariance** [Cad97]. **Diophantine** [Beu93, EE93, Fal92, Lar90, MN91, Sch91d, Sch91e, Sch91f, Spr93c, Spr93h, Tij93a, Voj93]. **direct** [Apt93, CRW90, FS90a, HM91, VM92]. **Directions** [Nar97, Eva92h, PR97d]. **Dirichlet** [BH90c, Bou91c, Cha91d, Cha91f, Cha91e, Cha91b, DM93b, Fuj90a, Fuk93, Kur90, Röc93, Sch90a, Sch90e]. **d'irreductibilité** [Sch90i]. **discontinuities** [Rei91b]. **Discontinuity** [Bra98a, Kni91]. **Discontinuous** [Sim98b, Coc98]. **Discrepancies** [DT97d]. **Discrepancy** [DT97b]. **Discrete** [Mar99, Car91b, Day92, DS92, Fru91, Hen91, MN90, Vai93e, GN97]. **discrètes** [Lép92]. **discretization** [AL90b, ELLV90, Hu96]. **discriminant** [Chr91]. **discriminants** [Dam91a]. **discs** [Tum98]. **discussion** [CFJ<sup>+</sup>92, DRSŽ91d]. **disentanglement** [Mar91]. **Disentanglements** [dJvS91]. **d'Ising** [Mai94, Mey91a]. **disk** [Ros90]. **disordered** [Gri97]. **Dispersive** [Dix97d, KPV90]. **dissipative** [GS90a, Liu96b]. **distance** [Bar90c, Che91, YK92]. **distances** [Bar90c, Woj91]. **distant** [Nag90a]. **Distinguished** [Her94b, DG90]. **Distributed** [Tib90c, DTW90]. **distribution** [Bou91b, DX93, DK93a, Drm90, DT97c, FT93, Fuj90a, GK90, Ika90, Mat90c, Pit99, Pra99, Win90]. **Distributions** [Col92h, Mol93d, Col92e, Col92i, CP91b, KÜ90a, MY91, Mol93i, Pan91f, Pom98f, Pus93, Shk93, Üst95a, Üst95i, Üst95k, Wes93, Yur95b]. **distributive** [KV91]. **Divergence** [Pfe90, Ken93, Üst95c]. **Divergent** [Bal94e, Éme97, Kos95c]. **Diviseurs** [FT90]. **divisibility** [Mol93e]. **divisible** [Wes93]. **division** [HS92]. **Divisors** [Now90, AMSV91, Ale91, SV91b]. **does** [FP91, Shi96]. **Dold** [Far96h]. **Domain** [Pom98a, Cha91d, Hel91, Hyl91b, PS90, Sto92o]. **Domains** [Cha91g, Koe99b, Väi92, BM90d, BM92b, Gal92, GKKL91, Han91, Kan91, Koe99e, Koe99g, Kom91, KB96c, Mie91b, MN90, Pil94c, Pri93, Rau95b, SM99t, SV90, Wie92, YR90]. **dominated** [Coc98]. **domination** [Del91g]. **donné** [Bor90a]. **Doob** [Pra90b]. **d'opérateurs** [Mey93b]. **d'ordre** [Jac91]. **Doss** [RS94]. **Double** [DL96c, PG90, AMS90, Tam90]. **doublepoints** [GCR90]. **doubling** [Bae91, BK92a]. **Dowling** [Met91c]. **Dq** [BF93a]. **Dq-equivariant** [BF93a]. **drift** [HW97, QH95]. **drifted** [KT93]. **Drinfeld** [BS97b, Gek90, Lau97]. **driven** [Kar91]. **droites** [Bea92]. **dual** [Bia92, Cas91, DGT91, Gau91, KR92h, Maj92, Zak91]. **Dualité** [Bel99]. **Duality** [Chi90a, FK93a, JcC91, LM90, LZ92, She93, Xue92f, Ban91e, Ben92, Mil91, Rut97k, Xue92b, Xue92c, Xue92d, Xue92e, vN92g]. **Dubins** [Sch99].

**Dubreil** [Mal91]. **ducks** [GI91]. **due** [Mey94]. **d'un** [BÉK<sup>+</sup>98, Bor90a, CTR96, CDP90c, CDP90k, CDP90m, Dur90c, Dur90d, Eis97, LW90c]. **d'une** [CS98, DW97, EM91, Gra90b, Leu96, PE92, Rai96, Tur90a, Val94]. **Dunford** [Räb91]. **Durand** [LW90b]. **DV** [Pom98b]. **dyadic** [Sky90]. **Dyer** [Rub99b]. **Dynamic** [Lob91, Bae91, Ben91c, Krö90, Soc92, Ben91b]. **Dynamical** [BHS96i, BM91, Hor90, LQ95g, Pil94e, Pil99b, Rei91d, Wir98g, AC91, Arn95b, Car91a, CP93d, Cra91, ELL99g, HS90b, Ken94, Mat90a, Miz92, Pil94b, Rei91a, Rei91b, Wal91b, Joh95g]. **Dynamics** [Ben99, BC92c, CP93j, Hal91, Lau91, Mar99, Rau95b, Smi99b, TBR91, BK92a, BL94f, BC92g, BC92h, CP93i, DP91k, DGT91, Fie91, Jag93, Kru97f, McC99e, RS91a]. **Dynamique** [DM90b]. **dynamiques** [RS94]. **Dynkin** [Ura93b].

**E.** [Bou98b, DN99a]. **é.d.s.** [Mey91b]. **each** [WJ90]. **échelle** [Fla90]. **échelles** [Lem90a]. **Ecole** [BPSH91, BGM94, Ber95, Ber96, Ber98b, Ber99a, GGSC97, Hen90a, Hen92, Hen93]. **Edoardo** [Vil90]. **effect** [Bae91, Oza90, Tam90, Wan91b]. **Effective** [Kem91a, Hol90b, PSW92, Spr90]. **effectively** [Nis91]. **effects** [IG90, Nag90a]. **effectués** [BW94b]. **efficiency** [CRW90]. **Efimov** [Tam90]. **Eichler** [Sai91a]. **Eigenvalue** [Lei91, Fis90, LN91]. **Einstein** [Tia96]. **Eisenstein** [Har90b, Har93e]. **Eisensteinkohomologie** [Har93e]. **Elastic** [CL99a]. **electric** [Oza90]. **electron** [Ani91, Fro91]. **Element** [Wah95l, ELLV90, Gus90, Joh98, Mau90]. **élémentaire** [Leu96]. **Elemental** [McC99b]. **Elementary** [Col92d, DRSZ91f, Eva92d, KLGP97d, Mas95d, deL94k]. **Elements** [Tal96, Tib90a, Koc90b, Wah95m]. **elimination** [Nis96b]. **ellipses** [Fre90]. **Elliptic** [Cha91f, Kos95e, Mie91b, Mie91c, MO93c, Pom98a, Rub99b, Sch90u, Spr93d, Tam99a, Tam99b, Vio99, Beh91, BS97b, Coa99, Eva97, ELLV90, Gre99, Ken93, Kin94, Kos95a, Kos95c, Kos95f, Mat90a, McI90, Mey99c, Mic93, MO93b, Pom98d, Sch90n, Sch90s, Sch90v, SY91, SS92, Tai91a, Tam99e, Ura93e, Wah95g, Wil97d, Zvy90b, Zvy90a, ZD92]. **elliptique** [CF90]. **Embedded** [Ion90, Col90b, Kus91]. **Embedding** [Leu91, Met91d, Wan90, HFS94f, Met91m, Mil94a]. **Embeddings** [Huc90, Heb96c, Hun96h, Met91s]. **end** [Amg98]. **endomorphism** [Azu90, Khu90]. **endomorphisms** [BL92c, CHT92]. **energies** [Bré93]. **energy** [BM90d, Jen90, Soa94a]. **engineering** [Alb98a, Col92h, Hel91]. **enriched** [Gra91b]. **Enriques** [DR91]. **ensemble** [DI98, Mic92]. **ensembles** [Cos90a]. **Enskog** [BL91a]. **entière** [Léa96]. **entières** [Gra90b]. **entiers** [FT90]. **Entire** [GLO94, deL94e]. **entrance** [Raj96]. **entre** [KS96]. **entropie** [Mic97, Thi91]. **Entropy** [BC92i, Daf96, LQ95b, Var93b, Iwa92b, Lan91b, LQ95a, LQ95c, LQ95d]. **enumerable** [FS90a]. **Enumeration** [Coo90, Kai97b, Kra90, Kum90]. **enumerative** [Pel91, XD90]. **Envelopes** [Xu96b, Xu96c]. **environment** [KT93]. **epi** [DZ93h]. **epi-** [DZ93h]. **Epimorphic** [SM99d]. **Epimorphisms** [SM99e]. **epireflectors** [SM99h]. **Equation** [KM97h, AFL90, AD90, BL91a, CD91, DP91j, DGDMN91, Ehr92, ÉS99b, GN97, GV91c, GV91b, GR92,

HW91, Hla90, Hum90, Ino92, Kal99, Kat90, KM97c, Lax96, Mat90a, Mat90b, McG92, Meu90, Mic93, Mor93a, OT90, Sch91i, Sjö91, SOA91, Spr93j, Spr93i, Tur90b, Vai93d, deL94d, deL94r, AR94, Mor90b]. **Equational** [JR92b].

### **Equations**

[Alb98g, Beu93, BM91, Cha91f, Da 99, Dix97d, FIK90, FZ93, GV91a, HMRS90, HMRS92, HMN91c, Kru97c, Kru97k, Mey99d, Neu97n, Qua98, Sch91e, Sch90u, Sim91a, Spr93c, Spr93e, TT96, Vai93c, XL98d, deL94h, vdPS97f, Alb98c, Alb98d, Alb98j, AT98, AS98e, BMO98, Bax91, BL91a, Bel90b, Bet99, Bia90c, BM90d, BH90c, BT93, Caf91, Car91b, Coh95, Col92c, CNZ91, CW91b, Cor91, DP91i, DvG91, DGT91, Dor93, Egg91, EQ97, Eva97, Fab93b, FS92, FS91, Fur90a, Fur90b, Fur92, GH90, Ge92, Gil90, GV91f, GV91h, GV91i, Gru92, Gus90, HS91, Hel98, Hey90, HMN91b, HMN91i, Hu96, HP99, Ino92, Kac91, Kat93b, KY91, Kaz90, KPV90, Ken93, KF93, KM97a, Kry99, KP96b, KP96c, Liu96b, MY99, MY07, Mar92, Maw93, Mey99f, Mil94k, Mis92, Moo96a].

### **equations**

[Mor91, Mur93, NSS92, Neu97r, Neu97s, Neu97q, Oka90, OSK93, Ôta93, Oza90, Par90, Pil90, Pom98b, Pom98d, Pom98e, Pom98h, Pom98g, Pro90b, Puk90, Pyt99a, Pyt99f, Ran90a, Ran92, Rau95b, Riv90, Sal92, Sch91f, Sch91g, SvW92, Sch92b, Sch90n, Sch90q, Sch90s, Sch90t, Sim91k, Soc92, SV90, ST92a, Spi91, Spr93d, Spr93h, SS92, SW92, Tal96, Tay92, Tib90d, Vai93i, Val90c, Var92, Wie90, Wie92, Yau92, Zab99, ZL90, vdPS97a, vdPS97j, vdPS97d, vdPS97g, vdPS97h, vdPS97l, vdPS97m, vW90, Bon91, JP91a, JY90, Cép95, Par91a].

**Equidimensional** [Che90a, Lan90a]. **Equidistribution** [EGI94]. **equilibria** [Bar93i]. **equilibrium** [DP91a, DU92, Jou97, LP90a]. **equivalence**

[Bou97l, Bou91e, Dam91a, HALM90, JR91a, Tho90b, Xi94d]. **Equivalences** [Isa92a, KZ98, Pic90, Rut97r, Ark90a, Boo90, Kah90a, Kah90b, Kah90c, Kel98, Lin98, Mar90b, May90, Møl90, Rut90, Yam90]. **Equivalent**

[Boo90, Bal94h, BSÉ99, Did90, ÉS99a, Rou90, Sch99]. **Equivariant** [And91, BL94c, BL94d, BF93d, BF93j, Dam91b, DS90a, KB96d, Møl90, Sad91, Sch94g, Vis92a, Bar93a, BV93, BL94b, BF93a, BF93b, BF93h, BF93k, DS90b, DS90c, DS90e, Fie91, GZ91, KB96b, KB96a, KB96c, KB96g].

**Ergodic** [Led92, Les92, LQ95g, McC99b, NZ99e, Hof91, Jaj91f, McC99f, Sch91a, KRW92]. **Errata** [Gro97c, Isa92b]. **error** [Far96i, HH92, KTV92].

**error-correcting** [HH92]. **errors** [van90]. **Escape** [DP91a, LP90a].

**Escape-equilibrium** [LP90a]. **escompté** [Mic98]. **Escott** [RS90a]. **espace** [CDP90c, CDP90k, CDP90m, Deb92, ESH99, Gir90, MY91, Mey93a].

**Espaces** [CDP90e, Did90, dLR93, CDP90h, CDP90l]. **Essential** [SM99f].

**Essentially** [Shu98b]. **estimate** [Cha91b]. **Estimates** [Cha91h, DP91b, FMSW91, Ger90, Mil94e, Mog92, Pyt99a, AS90a, BM92b, FS92, GGS93, Kal93, KR92f, KO91, LN91, Ôta93, Räb91, Sch90q, Sch90r, Tai91f, Wah95g].

**Estimation** [LQ95c, LQ95d, Hen90e]. **estimations** [RS94]. **Estivo** [Bal93, BA94, CF92, Cap99, CC96, CR91, Cel90, CP93b, Da 99, DM93b, DL97, FG90, FG96, FZ93, Gra94, HS99, Joh95g, MP91, Nar97, Odi90, Qua98, Rug96, Run97, TT96, TPZ98, Vio99, Vis94, ZD93, dBT91]. **étale**

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[BW91]. **Fock** [Mey91a, Bel90a, Mey93e, Mey93f, Mey93m, Mey93a, Mey95a, Mey95b, Mey95h, Mor90a, NV90, Oba94e, Par91b, Par91c, Sch93e, Sch93h]. **focus** [PR97i, Sch90j]. **focusing** [Bun92]. **Fold** [Met91q]. **Folding** [BW91]. **Foliage** [Lat90]. **Foliations** [Neu97f, Bot92, Led92, MORT91]. **fonction** [Fra95, HT90b]. **fonctionnelles** [Lim90]. **Fonctions** [Gra90b, Fer91, KPR90, MY91, Mey93c]. **Footnotes** [Cat90]. **Forced** [Woy98b, FP91]. **Forcing** [Bek91c, Bek91g, HRS91]. **form** [Ant92, Col92f, DRSŽ91h, Gor91, Ken93, Kos95c, Lum91, Maj92]. **Formal** [Bal94d, CD91, AFF90, Har90a]. **formalism** [Col92b, Nor92]. **formation** [Caf91]. **formations** [Lan96h]. **forme** [Mou90]. **Formes** [Gir90]. **Forms** [CP91g, DM93b, Fre91e, IK99c, IK99d, IK99e, LS90a, Nil94b, Pan91h, Pro98a, BH90c, BK92c, CP91d, CP91e, CP91c, Dim91, Fre91d, Fre91f, Fuk93, Har90c, HS93, IK99i, Lyu92, Man92, Mer94, Oda90b, Pan91g, Pan91i, Pan91j, Paz91, Röc93, Sch95a, Sch95b, Sch90x, Sna92, Spr93f, Wan94, vdPS97b]. **Formula** [Sho92g, AR96g, AS98f, BC92m, DL96c, Eyr98j, FR92, Gol94, JL93b, LQ95a, MO93a, Ogu90, Sho92b, Sho92d, Sho92h, Tak91, Tha90, ÜZ97, Woy98d]. **formulae** [Jaj91b]. **Formulas** [JLG94, Col90b, Col92f, DS90g, FP98e, FP98a, GV91d, Hla90, IK90, JL94, Kle90, LN97, Mas95e, Pal91, Tem93]. **formulation** [FP98g, LR90, MR90]. **formules** [Le 90]. **fortement** [DW97]. **Forward** [MY99, MY07]. **Forward-backward** [MY99, MY07]. **Foundations** [Kna95b, Kna95i, Dob93, Spr93a]. **four** [DW91, Moo96d, Tyu96]. **four-manifolds** [Moo96d]. **Fourier** [Del92c, Hou90, Kaj91, Lie93d, Lou91a, Mer94, Sin92, Wei94a, Wei94b]. **Fourth** [AvW90, Man92]. **Fox** [Lus90]. **Fractal** [FH90, Woy98c, Wic91g]. **Fractals** [DK93c, Wic91a, Bar98, Kus93]. **fractional** [Var92]. **fractions** [Dum91, Jac90, Thr90]. **Fragments** [Coa99]. **Fraïssé** [Clo90]. **Framed** [BP97e]. **frames** [App95]. **framework** [Gra91a]. **Franca** [Cap99]. **France** [Alb90, Ben91b, CMR92, FR90c, LS90a, LW90b, SG97, ST92c, SG97]. **Fréchet** [Day92]. **Fredholm** [Fit93, ZR92]. **Fredholmian** [Khi92]. **Free** [Bra98a, Ser92g, Tib90b, Ant92, Ben91a, CW91a, CP93e, Cru90, Gol90, HA90a, IT90, IR92, Kar97a, Kuč90, LN97, Neu90, Pil90, Shp90, Soc92, ST92a, Ver94, Wol92]. **Free-Discontinuity** [Bra98a]. **French** [NF90, Anc90, AS90c, AS93a, AS93b, Ans94, Arn92, Arn93, Arn95a, Arn99, AAG90, ABÉH95, Aud90, AW97, AY90, AJKY93, AR94, AJK<sup>+96</sup>, ARY96, Bak91, BM92a, Bak94, BE96, BÉK<sup>+98</sup>, Bea92, Bek91a, Bel99, Ber90a, Ber90b, Ber93, BW94b, Ber90c, Bia92, Bia95a, BRS94, Bon91, Bor90a, Bou91a, Bun90, BPSH91, Cad97, CDD90, Cap98, CF90, Cép95, Cha96, CS96, CS98, CTR96, CT93, CDP90b, CDP90a, CDP90c, CDP90d, CDP90e, CDP90g, CDP90i, CDP90h, CDP90j, CDP90k, CDP90l, CDP90m, CJ90, Cos90a, CR92, Dav90, Daz90, De 96, DW97, Deb92, Del90a, Del90b, Del91g, DI98, DL90, DDD90, DM90b, Did90, Dix91, Don90, Dum91, Dur90c, Dur90a, Dur90b, Dur90d, Eca90, Ech96, Eis97, EP90, EM91, Eme91, ÉY98, ESH99, Fer91]. **French** [Fla90, Fon98, Fou95, FT90, Fou90, Fra95, Fra90, FM90, Gir90, GC92, GRCW90, Gra90b, Gro90a, Hau91, HL92, Hen90a, Hen92, Hen93,

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 [AGADH90, ALMV93, AJMR95, BCE<sup>+</sup>97, BEF<sup>+</sup>94, BHMS99, BDLL96, BHS96g, CRGR99, CSJT98, CTKV93c, Del92d, DDH<sup>+</sup>99, DK93b, EMM<sup>+</sup>90, FFG<sup>+</sup>93, FMMN93, GKM<sup>+</sup>96, HNP<sup>+</sup>90, KLS97, Mey93g, Pan91d, Phe93e, Pis96e, Ser92h, Ser92i, Ser92j, Sou97b, Van96c, XL98g, Lie93e]. **Frontière** [Bia92]. » [Kru97g]. **FTQs** [LO98k]. **Fuchs** [GH90]. **Fuchsian** [Bur90, Bol92, Bur74]. **Fully** [Nar95a, Eva97]. **Function**  
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 [Bal94e, Bia90d, Bra98c, CM97c, Che90b, CP91g, DN99d, Ene95g, Kit94f, Nis96c, Pan91h, Phe93c, Pro98a, Rob90, SM99g, Ser92a, AVV92, AB90a, BL93a, BGR91, Bek91g, Bia90a, Bia90b, Bra98g, CMZ91, Cas92, Che91, CPS90, Col92a, Col92e, Coo90, CP91e, CP91b, Day92, DP91b, DN99a, Ene95a, Ene95c, FS90c, Fuj90a, GK94, GLO94, Har90c, HOR91a, Hu95, Jam90, JS91b, JL93b, Kat90, Kat93a, Kit94a, Kit94b, Kuč90, KZ92e, Li91, Mař93a, Mao91, Mat90c, MO90, Mit94b, Mit94f, iM90b, Mol93h, Mol93a, Mot91, Mou92b, Nab90, Nis96a, Nis96d, Nis96e, Nis96f, NM92, Oda90a, Ōta93, Pan91f, Pan91i, Phe93d, Phe93h, Pom98d, Pom98e, Pom98h, RS93, Rus90, SM99r, Sch90x, Sen90, Shi90, Sho92e, Suf90, Tho90a, Tum98, UT92, Wir98a, vH90]. **functor** [Bou97c, Bou97d, JT91a, Kap91]. **functorial** [Mac91]. **Functors** [BL94d, Bou97i, HFS94b, BL94a, Bou97b, Bou97g, Bou97h, Bou97k, Far96b, Far96f, HS92, Hub95g]. **Fundamental**  
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[AP94b, BGV90, BGV92, FPSW91, Lio93b, Moo96a, Sch90d, Siu91, CDD90, FPS92, Ruí90, Wah95d, Wah95g, Zip91, Zor92, ZR92, FPSW91, FG90].

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[Hub95l]. **gonality** [Pel92]. **good** [Ale91]. **Goppa** [GL92]. **Gordon** [Bal91].

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[AK90, BF93a, BF93b, BF93k, Gus90, SOA91, WS90]. **Gradients**

[Neu97n, Neu97a, Neu97i, Neu97m, Neu97p, Neu97o]. **graining** [GVV90].

**grand** [FT90]. **Grande** [Alb90]. **graph**

[Blo92, Cas91, Met91p, SDS90, Tuc90, Wir98b]. **Graphes** [Anc90]. **Graphs**

[Eva92g, Ura93b, Yap96e, Yap96f, Yap96j, BP97k, Joh95e, Mur91, SZ90,

Spe93, Yap96c, Yap96b, Yap96h, Yap96i]. **Grassmannians**

[FP98g, Jaw91, Sko92, Cra91, Kum97]. **gravity** [Ger92]. **Green**

[Bou97h, Bou97c, Bou97b, Bou97d, Bou97g, Bou97i, KM97d]. **Gromov**

[CDP90f, CP93g]. **Gross** [Tha90, Üst95c]. **Grothendieck**

[Hub95m, MNM90, Pis96i, Vis92a]. **Group**

[ACC92, Bur74, KZ98, Kov90, Lan96l, Lat90, Leh90, Neu96d, Rut97g, Sch94l, Ark90a, BMMN98n, BH90b, Bui92a, BEGG90a, BEGG90b, CP93c, CP93d, CP93e, Dri92, DLS90, FF97, FK93d, Ge92, Ger92, Haj91, Han92, Hig90, HA90a, Hol90a, JL91, Kah90b, Kho93, Kul91, Lan96a, LO98n, McK90, MT91b, Ped92, Pis96h, Pri90, Sna92, Win95b, Win95c, WJ90, Xi94e, Zim98c, Bur90].

**groupe** [Dix91]. **Groupes** [CDP90g, EP90, KS90a, Lic90, Maz97, Arn92,

Ber90c, CDP90b, CDP90f, Don90, Ser94a]. **Groupoídes** [Daz90]. **Groups**

[Abr96b, Abr96e, AR96f, BOERT96c, BTV95c, BC92a, BFS98c, BMMN98d,

BMMN98j, Bui92d, BEGG90c, CP93j, Dek96b, Eva92g, FG96, FK93g,

KLGP97g, Koc90h, Kul92, LS90a, Lan96m, Lan96p, New90, SZ90, Ser92b,

Ser92f, Ser92k, Sho92s, Tho90a, ZD93, Zuo99e, Ade92, AR96b, AFSTS92,

AP90, AP91, Alp90, Ans90, Ara91, Ban91c, Ban91d, Ben92, BTV95b,

BFS98b, BMMN98c, BMMN98g, BMMN98h, BMMN98i, Bia95b, BL92b,

Boo90, Bui92b, Bui92c, Bui92f, BEGG90d, BEGG90f, BEGG90e, BEGG90g,

BR90a, CRW90, CS92b, CGST92, CP92, Coh92, CK91, Cri90, Dam91b,

DP93, Dek96a, Dek96e, Dek96f, Eva92c, Eva92d, FF96, FH90, FK93b, FK93e,

FP98e, FP98a, Gli92, Gro90b, HM90, Haz93, HN93h, HA90a, HKR92, HH90,

IT90, Ish92, JR91b, Kah90a, Kin94, KLGP97h, KLGP97c]. **groups**

[KLGP97j, KLGP97l, KLGP97o, Kol91, Kom93b, Las98, pL91, Lun92, Lus90,

Lyu92, Maj92, McC90b, Neu96e, Neu90, Nil94f, Pat90, Pot95e, Pot95f, Pra90a,

Ric98, RS90c, Roh90, Rou98, Rut97f, Rut97j, Sch94g, Sch91c, Sch90x, Seg90,

SDS90, Sho92r, Shp90, Sri90, mS91b, Tam99d, TY90, Tod97a, Vis92a, Wil97c,

Xi94b, Xi94c, Zuo99f, deL94a, deL94j, deL94n, vdPS97d, Kov90, Pic90].

**growth** [BC95, XL98f, Yuk98l]. **Guide** [Mum99c, Neu97f, Sce90b]. **Guíxols**

[ACC92]. **Gundy** [Mon94]. **Güstrow** [KRW92].

**Haar** [Kit94f, Kit94e, Mül91]. **Haar-like** [Kit94f, Kit94e]. **Hadamard**

[DZ93b, DZ93c, DZ93d]. **Half** [DPIPS90, Koe99c, Cha91e, Cha92, Koz90b]. **Half-canonical** [DPIPS90]. **half-space** [Cha91e, Koz90b]. **Half-spaces** [Koe99c]. **Halperin** [Lup90]. **Hamiltonian** [Bar93i, Col92b, CvdM90, DM96, FS90c, FS90d, Fuh91, Kru97d, Kuk93a, Kuk93d, LR90, MF94a, Mey99e, Mie91d, Mie91c, Mie91e, Mon91b, Van96a, Van96f, Van96e]. **hamiltoniens** [DM90b, Aud90]. **Hampshire** [Lat90]. **handle** [Mas95f]. **Handlebodies** [Joh95b, Joh95d]. **Hankel** [Fuh91, Pee94]. **Hankelian** [Pis96f]. **hard** [SOA91]. **hard-sphere** [SOA91]. **Hardy** [Mit94f, GE98c, LL91, Mit94d, MN90, Shi91a, Wei94b, Wei94c, Wei94g]. **Harmonic** [BTV95c, BR90c, BR90f, BR90j, Cha91j, JY91, Lem90c, Mey93h, mS91b, Zuo99a, BL93a, BP91, Bré93, BR90a, HS93, Mey95c, Mit94b, MN91, Oba94d, Ohs91, Sch90k, CDZ91]. **Harmonique** [Lem90c]. **Harnack** [Mur93]. **Harvard** [Ser92k]. **Hasse** [Kat93a]. **Hausdorff** [DU92, cSyW91, Wic91d]. **Heat** [Wol92, Wat90, Yan96]. **Heat-conducting** [Wol92]. **Hecke** [Aki90, Oda90a, Wan94, Xi94b, Xi94f, Xi94g, Xi94h, Xi94l]. **Heegaard** [Joh95e]. **Heidelberg** [AvW90]. **Height** [MS94b]. **Heights** [Hui93, Sch91h]. **Heiles** [Van96d]. **Heine** [Bal94c]. **Heinz** [Sch90w]. **Heisenberg** [AR96b, AR96f, BTV95b, BTV95c, Ech96, KV92, Neu96d]. **Held** [CC96, AvW90, ACC92, ASMS90, ACE91, AK90, BBD90, BCC92b, Bal93, BA94, Ben91b, BDF91, BS90c, BLM<sup>+</sup>90, BM91, CF92, Cap99, CPR91, CR91, Cel90, CP93b, CMR92, Da 99, DM93b, DL97, FPSW91, FG90, FG96, FR90c, FIK90, FZ93, GT90, Gra94, HLN91, HMRS90, HMRS92, HS99, HPSS92, Ina90a, JOP91, JLP90, Joh95g, KZ93, Kom93a, KÜ90b, KRW92, Kul92, LS90a, LW90b, Lat90, Mim90, MP91, NF90, Nar97, NO91, Odi90, Pic90, Qua98, Rug96, Run97, RSSV90, SBL90, ST92c, TT96, TPZ98, TBR91, Vil90, Vio99, Vis94, XD90, YS92, ZD93, dBT91]. **Helgason** [Bom91]. **helices** [Nog91]. **Hénon** [Van96d]. **Henri** [LW90b]. **Henstock** [BLM<sup>+</sup>90, MO90, Mul90b, Sen90, dF90]. **Hermite** [Lor92k, Lor92l]. **Hermitian** [Dam92, mS91b, YK92]. **Herz** [Pis96f]. **heteroclinic** [CA91]. **heuristic** [Lan91d]. **heuristics** [Yuk98h]. **Heyting** [Law91a]. **Hidden** [AFSTS92]. **hierarchical** [Mau90]. **High** [Jen90, Bou91b, GM90, Yap96e]. **Higher** [Day92, Hub95n, KM97h, Lie93b, Lie93e, LPLG<sup>+</sup>92, Sai91a, Vai93b, XL98d, Eyr98j, Göt94e, Kna95f, Lan90a, Lie93g, Lum91, Mat90b, Rei90c, Sta92]. **Higher-Order** [KM97h]. **highest** [Kac91]. **highly** [Yam90]. **Hilbert** [Bol92, Den92, DL96a, GC92, Göt94b, Göt94a, Göt94d, Gre92b, Har90c, Her94d, Her94h, Kle90, Kuk93d, Lab90, Mad91, Neu97b, Neu97c, Oda90b, OL90b, Pan91g, Pan91h, Rus90, Zab99]. **Hill** [Mey99f]. **Hille** [deL94c]. **Historical** [Zim98a]. **Hitting** [BM92d]. **Hochschild** [Léa96]. **Hodge** [BA94, BK91, Gre94, Hub95o, Jan90e, Oda90b, Sai91b, Sch95c, Sch95d, Zar91a, Zuo99c, vG94]. **Hölder** [SSS92, Sch90o, ZD92]. **Holomorphic** [BL94f, Brí96d, Ebe98, GK94, Zai90, AP94c, Brí96b, Cal90, CS92c, CP91d, CP91e, CP91c, MN91, MR91b, Pan91j, Sar92, Vig90, deL94b]. **holonomy** [SSS92]. **Hom** [Hub95a]. **homeomorphism** [Zor92]. **homeomorphisms**

[Mil90a]. **homoclinic** [BC92]. **Homogeneous** [BMMN98e, BR90d, Gro97a, Hec98, Win95a, HN93i, KT91, pL91, Lun92, Spi91, Win95b, Win95c, Wir98c]. **Homogenization** [Bor98d, Bor98c]. **Homological** [CG97d, Dat90, Far96j, Ina90a, Bro90b, Hel92, Her90b, Lus90]. **Homology** [BP97f, Del91c, Del91d, Gre90, Gro90b, Hel92, Koz90a, Lod92, Rud92, Rut97d, Rut97q, Sim91i, iY90]. **homomorphism** [Muk90]. **homomorphisms** [IT90, Pis96b, Pis96j]. **homotheties** [Res92]. **homotopical** [Bro90b, Pir90]. **Homotopie** [Did90]. **homotopiques** [HL92]. **Homotopy** [Abr96c, ACC92, Far92, Far96d, Koc90h, Mar90b, McC90a, Pus96k, Rut97h, Rut97i, Rut97j, Rut97r, SV91a, Slo91, TO97d, Ani90, Ark90a, Ark90b, Bau91, BL92d, Boo90, Coh90, Coh92, DM90a, Far96b, Far96f, HALM90, HA90a, Kah90a, Kah90c, Lun92, Møl90, Pus96f, Rut90, Rut97q, Rut97u, Sta92, Yam90, Did90, Mim90]. **homotopy-self-equivalences** [Kah90c]. **Honest** [ASHY90]. **honor** [BM91]. **honour** [LW90b, Vil90]. **Hopf** [Ama91, Bru92a, CvdM90, FS91, FK93b, Ino92, Sta92, Wil95, Woy98d]. **horizontal** [App95, PE92]. **horloge** [Ber90b]. **Hörmander** [LL91]. **Hrushovski** [BMMN98f, Bou98b]. **hull** [Mou92a]. **Hurwitz** [AS90b]. **Hutchinson** [Wic91b]. **Huxley** [MN90]. **Hydrodynamic** [DP91d, DP91e, DP91h, Woy98e, Var93b]. **Hydrodynamics** [DP91f]. **Hyperbolic** [CP93j, KN91, MM90, Qua98, Woy98f, AB91, Boi96, Caf91, CP93c, CP93d, CP93e, CP93g, CP93k, Daf96, Drm90, Hör91b, Kaj91, LQ95f, Liu96b, Nis91, SSS92, Shu98b]. **hyperbolic-dissipative** [Liu96b]. **hyperbolicity** [Lie93c, Zuo99f]. **hyperbolique** [CDP90c, CDP90k, CDP90m]. **hyperboliques** [CDP90b, CDP90e, CDP90g, CDP90f, CDP90h, CDP90l, Mou90]. **Hypercontractivité** [Hu93, Bak94, Mic97]. **Hypercontractivity** [Üst95d, HW97, QH95]. **hyperelliptic** [BEGG90b, Sch91g, Spr93d, Spr93e]. **hypergroups** [Hey93, Kum92]. **Hyperkähler** [Ati90, Fuj91]. **hyperplane** [Bäd90, Bia90e, CvdG92, Mas95i, Rei90a]. **Hyperspaces** [Tod97c, Wic91a]. **Hypersurface** [Mas95h, Dim91, Kul91]. **hypersurfaces** [FGL91, HB91, HP99]. **hypoelliptic** [CML90]. **hypothetical** [Met91e]. **Hysteresis** [Bro94, Vis94, Ver94].

**I.** [Cat90]. **Iagolnitzer** [Del92c]. **Ideal** [Vät97b, Vät97d, Vät97c, HH90, Iva93, Sch90g, Ver91]. **ideal-transforms** [Sch90g]. **Ideals** [HWW93f, CG97e, HWW93b, HWW93c, HWW93d, HWW93e, HWW93g, HALM90, Lus90, Sid92, Sim90, TT90, Wri90]. **ideas** [Wir98f]. **idempotent** [Far96b, Far96f]. **identical** [Mor93b]. **Identification** [MO93d]. **identité** [Leu96]. **identity** [BH90a]. **ie771** [Gre92e]. **ie771--extensions** [Gre92e]. **Igusa** [Meu90]. **II** [HMRS92, KÜ90b, RS91a, Tai91j, Acc94b, Aik96, Bor90c, Dix91, Dur90b, Fuj90a, HN94b, IK99e, Kit93, Kle90, KP96c, MO90, MT91b, MS90c, Mum99e, Pri90, Rei97c, Sai91b, Sch94c, Shi90, TY90, VC90, Wil97f, Xue92a].

**III** [KRW92, Ion90, Mum99f, Wil97d]. **Ik** [Ura93f]. **Ik-conditions** [Ura93f]. **ill** [Fur90a]. **ill-posed** [Fur90a]. **Illposedness** [GV91f]. **Image** [Mad91, Koc90c, Mar91, Mey90, MO93g]. **images** [Dam91a]. **imaginary** [Lyu92, Now90]. **imaging** [Gem90, GDT91, Lou91b]. **imbedding** [Mil94j]. **Immersed** [CL99a]. **immersions** [BOWV91]. **imperfections** [Jou97]. **Implementation** [Pyt99c, Sto92g, BL93b]. **Implicit** [Kac91, Isa92d]. **implies** [Iwa92b]. **implique** [Mat98]. **imprimitive** [Sho92l, Sho92m]. **improper** [Koz91]. **Incidence** [Pot95e]. **inclusions** [Pia90]. **incomplete** [Bea90]. **incompletely** [Lio93a]. **incompressible** [Gli92, Hey90, Ran92, Riv90]. **increasing** [Kit94b]. **increment** [Sch91l]. **Increments** [Mey93i, Mey95d]. **indecomposable** [Hub90]. **indefinite** [ELLV90]. **Indépendance** [Bun90, Wal90a, De 96]. **independence** [Nis96a, NÜZ90, Üst95b]. **Independent** [Mey93i, Mey95d, Alb98j, AFF90, DP91d, FS90b, JPA97, KK93, Sch91l, Yur95d]. **Index** [SS93, Ale91, Bar93f, BV93, Brö90a, FR92, Mis95, Nus93b, Wat90, ZR92]. **indexé** [Arn99]. **indexés** [Fou95]. **India** [YS92]. **Indice** [dM93a, LW90c]. **indistinguishability** [Kal99]. **Individual** [Jaj91f, Sim91]. **Induced** [BL92b, Xi94j]. **induction** [GM90, Hla90]. **inductive** [PR97g]. **Induktionskoeffizienten** [Hla90]. **Industrial** [CF92, Bus92, Kui92]. **industry** [For92]. **inégalité** [Cap98, Mat98]. **Inégalités** [Bak91, CDP90i, CDP90h, BM92a, BE96, Mon94]. **inelastic** [Alb98e]. **Inequalities** [Her94e, KZ92c, Wei94a, Yur95d, Far96c, FS90c, Fre90, Gro93, GE98a, Hit91, Led99, Lou91a, MT90, Mil94a, Pan91a, Sch90p, Sto92a, Sto92b, Sto92f, Sto92h, Sto92l, Sto92m, Str93b, Tib90e, Üst95g, Üst95h, Üst95a, Vel90, Yuk98e]. **Inequality** [GE98c, Acc94c, DS95, Hof91, Hu91, JS91b, Lar90, LN91, Mur93, Pis96l, Pis96i, Rez91, Tal91]. **infimum** [Shi96]. **Infinitary** [McC99c]. **Infinite** [BMMN98j, Da 99, HMN91c, Kuk93a, Kum97, KP96c, Mol93e, Mul90a, Soa94d, Tam99e, Ark90b, Bar93b, Dar91, Ebe99b, Hen90c, Iwa92b, KLGP97o, KB96g, Mat90a, Mot91, Ol'92, Röc99, Sch91a, Yur95f]. **Infinite-Dimensional** [Kuk93a, Mul90a, Bar93b, Dar91, Hen90c, Ol'92]. **infinitely** [Mil94j, Wes93]. **Infinitesimal** [Bäd90, Gre94, Pir94, Rei90a, Beh91, ELL99e]. **infinitesimally** [Wan91a]. **infinity** [KM97b, Kus91]. **inflated** [Met91q]. **information** [CL96]. **informative** [Sab91]. **Infra** [Dek96f, Dek96g]. **Infra-nilmanifolds** [Dek96f, Dek96g]. **inhomogeneous** [Fri90b]. **Initial** [Alb98e, Alb98g, Gru92, HS90a, KPV90, Lio93a, Tai91c]. **Initial-Boundary** [Alb98g, Alb98e, Tai91c]. **injectif** [AJK<sup>+</sup>96]. **injective** [Sch91b]. **injectivity** [AHJLP90]. **inner** [Dix97b, NV91, Neu97d, Neu97e, Neu97p]. **input** [Bel90a]. **Inspired** [Cap99]. **instabilities** [Jag93]. **Instanton** [Oko91]. **Institut** [CC92, LW90b]. **Institute** [CDZ91, Ina90a, Kul92]. **integers** [BLP93, Pol93a, Sou92]. **intégrabilité** [Lép92, Val94]. **integrability** [MM97, OS90, Tak99]. **Integrable** [Kuk93a, Van96f, Van96e, Van96g, DM96, FS90d, MO90, Nov92, Sen90, Van96a, FG96]. **intégrables** [DM90b]. **Integral**

[GV91a, GE98d, Lie93d, Pom98a, Ric99d, Sch90o, Vai93c, Ari91, BI92, Bas90, Dav91a, Gin98, GV91c, GV91b, GV91f, GV91h, GV91i, GV91j, HW91, Ich90, Kaj91, KJ90, MWNPA92, MT91a, Mit94a, Muk91, Nar95c, Nil94a, Pom98h, Pom98g, Sob90, Tak91, TPDZ91, Vai93d, Vai93i, Xue90, TPZ98].

**integral-valued** [Nar95c]. **intégrale** [Cha96]. **Integralen** [Hla90].

**Intégrales** [Fra90]. **Integrality** [iM90b]. **Integrals**

[Bre94d, BLM<sup>+</sup>90, Dav91d, DRSZ91i, Ene95d, FF96, Mit94d, Bre94a, Bre94b, Bre94h, Bre94i, Dav91b, DN99b, DRSZ91a, DK94, FS90c, Fuj93, GH90, GK98, Hen90d, HMN91j, Hla90, Hu91, JS90, KP96b, KP96c, Mar90a, Mey99l, MR98, Mul90a, OS90, PG90, Sai91a, Sch90j, Yee90, dF90]. **integrated** [deL94p]. **Integration** [Hen90c, LN97, Sim91j, Wat90, Yan91b]. **intense** [Ani91]. **interacting** [Col92b, Mél96]. **interaction** [Kar97a]. **interactions** [McK90]. **Interest** [Bjö97]. **interface** [DP91k]. **interference** [Nag93].

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**interpretation** [AFF90, Gol94]. **Intersection**

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**Intrinsic** [Law91a, Oll93]. **Introducing** [Neu97g]. **Introduction**

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**Kôsaku** [Kom93a]. **Kac** [AFSTS92]. **Kadomtsev** [AD90]. **Kähler**  
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 [Mor90b]. **Kahn** [Mil90b]. **Kalman** [Bou91a]. **Katata** [NO91]. **Katenoid**

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[Khu90, Man97d, Man97g, Xu96d, AHJLP90, Azu90, BL94b, Ber90a, Ber90c, BS97b, Bou97n, Bru90, Dau90, Deb92, Erd90g, Gek90, Jan90a, Kap91, LO98g, LO98j, LO98i, Man97b, Man97e, MS90c, RY90, SS93, Smi90, Ura93a, Wan90, Xi94h, Xi94j, Xi94m, YSA92, vdPS97c, ZD93]. **Moduli** [AR96e, Hun96g, LO98g, LO98h, MN91, Sil92, CHT92, DM96, Fuj91, Hit90, JP91b, Kob90, Kum97, MO93b, Sai91a, Tyu92]. **modulo** [Dün92]. **modulus** [Bal90a]. **molecules** [SOA91]. **Moment** [HW91, Üst95h, Fur92]. **moments** [BVH94b, Le 94, Pus93]. **momentumless** [Puk90]. **monad** [Koc91]. **Monge** [Sch90q, Sch90t, Sch90u]. **Monodromy** [Sim91a, Bol92]. **monogenic** [Mit94f]. **monoid** [Gub90]. **monoids** [Ben91a]. **monopole** [Hor90]. **monoreflectors** [SM99f]. **Monotone** [Ari91, Phe93c, Phe93i, Alb98c, Alb98d, Egg91, GK90, Kit94b, Phe93g, Sim98d, Sim98i]. **monotonic** [Hof91]. **Monotonicity** [Ene95e, Sim98f, Kat90]. **Montecatini** [CR91, CP93b, DL97, FG90, FG96, FZ93, Gra94, Joh95g, Odi90, Rug96, TT96, Vis94, dBT91]. **Montgomery** [Bou91c]. **Montreal** [Pic90]. **Moody** [AFSTS92]. **Moore** [Bau91, Del91d]. **Moore-homology** [Del91d]. **Morava** [HKR92, Wür91]. **Morayne** [Ste90b]. **Mordell** [Top93, Bou98b, Bou98c, Hin98, Shi91b]. **Morita** [Bou97l, Bou97m, Lin98, LS90c, Xue92b, Xue92c, Xue92d, Xue92f]. **Morley** [Zie98]. **morphism** [Hub95p]. **morphisms** [BK90]. **morphogenesis** [Mai99]. **Morse** [FS90c, Mot91, Paz91]. **morsifications** [Dam91b]. **Mosco** [DZ93h]. **Moser** [Mil94i]. **Motion** [Neu96d, BW94a, BM92d, Don98, Eva97, FF96, Le 92, Le 94, Shi94, ST92a, War97, War99, Wer95, Zhe96]. **Motions** [BHS96i, DÉY93, Neu96a]. **Motivation** [Ebe99e, Sto92j]. **Motivations** [BP97i, Fri90a]. **Motive** [Har93a, Har93e]. **Motives** [Hub95q, Jan90d, Har93a, Hub95m, Jan90e, Sai91b]. **Motte** [Alb90]. **mountain** [FW91]. **mouvement** [Arn99, Ber93, Mey94]. **mouvements** [ÉY98]. **Moving** [Sim91j, Sim91i, Cle90]. **Moyennes** [JY93, KPR90]. **Muller** [Aub92]. **multi** [Gel92, JN96, Lem90a]. **multi-échelles** [Lem90a]. **multi-type** [JN96]. **multi-valued** [Gel92]. **Multidimensional** [Vai93c, Sap90, Vai93i]. **multiéchelle** [FM90]. **Multifunctions** [Sim98g, Mar90d, Sim98d, Sim98i]. **multihomogeneous** [Lie93a]. **multiloop** [LR90]. **multiparameter** [BF93i, JS90]. **Multiple** [Bar93i, Kle90, Mey93f, Mey95b, Oda90a, DJS90, Hla90, JL91, JS90, MWNP92, Muk91, Wat99]. **Multiple-point** [Kle90]. **multipler** [Vas92]. **multiples** [Bor90a, Cle90]. **multiplicatif** [Fra95]. **Multiplication** [Col92h, Nil94e, Coa99, Rub99b, STV92]. **Multiplications** [Col92i]. **Multiplicative** [De 91, Sch91a, Egg91, Hol90a, KS92]. **multiplicités** [SG97]. **multiplicities** [Joh90, Kon90, SG97, Sim91b, Wal90c]. **multiplicity** [Chi97, Iwa92b, Xi94a]. **multiplier** [Bou91d, LL91]. **Multipliers** [Ouy91, BF93c, BF93d, Nik94a, Pis96f, Pis96i, Üst95a]. **multiséantes** [Le 90]. **multisummability** [Bal94h]. **Multisummable** [Bal94e, Bal94g]. **Multivalued** [Mol93h, Gel90, Mol93a]. **Multivariate** [Bre94h, Lor92f, Wes93]. **multivoques** [Cép95]. **Mumford** [Top93]. **mutual** [Kni93].

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**nonconservative** [Col92f]. **Nonconvex** [Cel90]. **nondeformability** [Siu91].  
**nondemolition** [Bel90a]. **nondeterministic** [Coo90]. **Nonequilibrium**  
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**nonholonomic** [Ger90]. **nonhomogeneous** [Gol91b]. **Nonlinear**  
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[Bau91, dF90]. **Ol'shanskii** [HN93e]. **Omega** [Koe99g, Las98, Koe99e].  
**Omega-stable** [Las98]. **Ondelettes**

[Lem90c, Mey90, AAG90, FM90, Lem90a, Lem90b]. **One** [AS98d, BC92c, Wei94c, AB90a, Bor92, BEGG90a, Fit93, Hey93, HS90b, Joh95a, Koc90b, Lan90b, Miz92, Nis96e, OL90e, Pal90, Pet92, Val90c, Wah95h, Xue90]. **one-dimensional** [Hey93, HS90b, Miz92, Val90c, Wah95h]. **One-parameter** [Wei94c]. **one-relator** [Joh95a]. **ones** [Shk93]. **Onesided** [Zim98c]. **only** [Met91f]. **Onsager** [CMN95]. **onto** [OL90e]. **Open** [Alb98h, BCC92a, Bar90b, Hey90, Sim98h, BMMN98a, Bia90b, Bru92b, CM97g, FP98b, Heg90, KLGP97k, Lan91f, Mar90d, Zor92]. **opérateur** [LW90c]. **opérateurs** [Fon98, Sch94u]. **opération** [HL92]. **Operational** [Kom93b, NSS92]. **Operations** [Hub95s, Kai97d, Lom92]. **Operator** [Kar97f, Oba94b, Ric99e, Tam99b, YS92, CS92a, CP91c, Gau91, GK94, Hen90e, HSS91, Hu95, Kar97c, Kar97e, Kar97d, KS92, KM97a, KM97d, KM97e, KM97f, KM97i, KZ92a, LR90, Nag90b, Pan91j, Ric99c, Ros94, Tam99c, Tam99g, Üst95c, Wah95i, XL98i, Zip91, deL94s, deL94t]. **Operators** [DN99d, Ebe99g, ELL99h, GJ91, GE98c, Ino98f, Lan91g, Lie93d, Phe93c, Vät97f, vN92c, Aki90, AS92, Bal94a, Bas90, BV93, BL92b, Bor90c, Bro94, CMZ91, Con94, CP91d, Dav91a, DN99a, DN99c, ELL99e, Fuh91, GV91k, GE98a, GKKL91, Han91, HWW93g, Har90c, HMN91j, Hör91b, Iwa90, JL91, Kaj91, KR92h, Kit93, KO93, Kom93b, Lam92, LS91, Lie93i, LN91, Mal92, McI90, MT91a, Mil94j, Mit94a, MR91b, Nie91b, Nie91g, Nie91i, Nil94a, Pan91a, Pee94, Phe93g, Phe93i, Räb91, Ric99b, Röc99, RS91b, Sar92, Sch90f, Sen90, Sim98b, Tai91b, Van91, Wan91b, Wan94, Zvy90b, ZD92]. **optical** [DW91, JS91a]. **Optimal** [Cvi97, Mil94f, Mil94i, Pyt99e, Tib90c, Bar97, DZ93d, DZ93e, DZ93i, Foi91, Kwa91, LS93, Met91m, Pea91, Pyt99f, Vel90]. **Optimization** [DZ93g, Yuk98g, Phe93a, Roc90, Ver90]. **optional** [SY98]. **orbifold** [Kaw93]. **orbit** [BEGG90e]. **orbitals** [BMMN98o]. **orbites** [Don90, Tur90a]. **orbits** [AV91, BC92f, BC92k, EGI94, MF94a, Mey99b, Mey99h, Mey99k]. **Order** [BHS96i, Gra91b, KM97h, XL98d, Bel90b, Clo90, DX93, ELLV90, Eyr98j, GH90, Göt94e, Gra90a, HRS91, Hu96, Isa92h, Kos95a, Kos95c, Le 91, Lie93e, Lum91, New90, Pyt99b, Pyt99g, Räb91, Raj96, Sch90f, Sch94o, Vai93b, Wah95g, Wes93]. **Order-enriched** [Gra91b]. **Ordered** [HN93i, KR92e, SM99q, HN93a, SM99j, SM99o, SM99t, SM99s]. **ordering** [Nie91k]. **Orderings** [Mar96e, Mar96i, Mar96h]. **Ordinary** [FZ93, Kru97c, Sim91k, Car91b, HS91, KM97a]. **ordres** [GC92]. **Ore** [MZ90, TT90]. **orientations** [Deg92]. **Oriented** [ZR92]. **origin** [JL93b]. **original** [GV91c]. **Origins** [Spr93g]. **Ornstein** [BW94a, HW97, QH95, Üst95c]. **Orsay** [Lem90c]. **Orthogonal** [Jac90, Neu97j, Nev94, Ger93, Ja91e, Khr93, Rak93]. **Orthogonalité** [Lép92, Val94]. **orthogonaux** [Maz97]. **Orthomorphism** [Eva92g]. **orthomorphisms** [Eva92b]. **orthonormal** [App95]. **Oscillation** [AW97]. **oscillations** [FP91]. **Oscillator** [Mey93h, Mey95c, vW96]. **oscillators** [BP91]. **Oscillatory** [TPDZ91, Fuj93, Hu91, Shu98b]. **osculating** [PsT90]. **Oseen** [Gal92]. **Oseledets** [Le 91]. **Other** [Mas95j, Neu96c, Xue92e, Acc94h,

Far96h, FP98e, FP98a, GV91j, Man97e, Sch94n]. **outer** [Dix97c]. **Outline** [Lax96]. **Outlines** [Vai93e]. **output** [Bel90a]. **Overstability** [Wal91a]. **Overview** [AH92c, BFS98h, NZ99f, EGI94, LPLG<sup>+</sup>92].

**P** [Mal91, Mey93c]. **P.** [Ste90a]. **packing** [Pro90a]. **packings** [Kun92]. **Pairings** [MS94b]. **Paley** [LP91]. **paper** [Bur90, Hit91]. **Papers** [Ste90b, Kah90a]. **Parabolic** [Gru91a, Kos95e, Zab99, Bel90b, DH90, DU92, Fab93b, Fla91, Kos95d, Mil94k, Mur93, Ôta93, Sob90, Ver94, Woy98i, Zvy90b, deL94q]. **parabolicity** [XL98b]. **parallel** [BCMS90, Lum91, SOA91]. **parallelization** [KO90a]. **Parameter** [Tib90c, Wei94g, AV91, AS92, BV90, DH90, Fit93, IK99a, Pet91, Wei94c, Źol90]. **Parameters** [Khr93, Pot95b, PR97f]. **Parametric** [Ste99b, Roc90]. **parametrized** [IR92]. **paraproduct** [gDH91]. **Pardoux** [Léa96]. **Pareto** [DX93]. **Paris** [LW90b, Lem90c]. **Paris-Sud** [Lem90c]. **parity** [Fit93]. **Parseval** [JL93b]. **Part** [Edi93, Fab93a, MM91b, Pro98b, Pro98c, Pro98d, RS91a, Tai91i, Tai91j, Aik96, Den92, Ess96, Lio93a, Pla90, HN94a, HN94b, Kat93a, Rei97b, Rei97c, Wil97e, Wil97f, Wil97d]. **Parthasarathy** [Mey93b]. **Partial** [FIK90, Lie93g, Mar92, TT96, Bia90c, Coo90, CJ90, Koc91, Liu96b, MT90, Pom98d, Rau95b, Tal96, VC90, Woj91]. **Partially** [SM99q, SM99j]. **participants** [Zar91b]. **Particle** [CP93b, DP91j, DP91i, Gol91b, CP93a, Dur95, Mél96, Pul96]. **particles** [DP91d]. **particules** [KS96]. **Partielles** [Par91a, Bon91, CJ90]. **Parties** [CDP90k]. **partite** [Yap96c]. **Partition** [Sto92m, Fra95, Sto92l]. **partitions** [Kra90]. **parts** [BCG90, LN97]. **passage** [ERHG91]. **Passive** [Woy98g]. **Patching** [Man97e]. **Path** [FK93e, BI92, Blü90, FF97, Fuj93, Git98, Ich90, LN97]. **paths** [Bur93, ELL99b]. **Pathwise** [BMO98, BP90a]. **patterns** [Mau90]. **PDE** [Da 99, Fre92]. **PDEs** [Fla91, Ken94]. **Peano** [Kar91]. **Peculiar** [Šip92]. **PEL** [Hun96g]. **AE90** [AYM90]. **homology** [Rut97e]. **Marseille** [LS90a]. **pencils** [Col90b]. **pendulum** [FP91]. **Percolation** [Gri97]. **perfect** [Azu90, Coh92, Khu90, Pat90]. **performance** [PS90]. **Period** [BF93g, Har90c, Bae91, BF93i, Oda90b, Pet92, PR97a, Sch90e]. **Period-[BF93g, BF93i]**. **period-doubling** [Bae91]. **périodes** [Fra90]. **Periodic** [AV91, BC92f, BF93h, BHS96i, Cru90, GS90b, Kar97f, Mey99i, Rei91d, Bar93i, BC92k, BF93e, CMZ91, Coh90, DH90, DM90a, EGI94, Far92, Far96a, HMN91a, HMN91g, Kar97d, Mey99m, OT90, Sjö91]. **periodic-parabolic** [DH90]. **Periodicity** [DS90a, DS90c, KLGP97i, DS90d, XL98a]. **périodiques** [Aud90]. **periods** [Blo92]. **permitting** [DJS90]. **Permutation** [BMMN98j, BH90a, Sho92s, Pra90a, Sho92r]. **Permutations** [Mül91, Hig90]. **Perron** [Yee90]. **persistiance** [GRCW90]. **Persistence** [PR97c, Wal91b]. **perspectives** [BP97j]. **Perturbation** [Bir94, Dob96, Kar97c, Kar97e, Kar97d, Kar97f, vN92h, BCDS92, Jon95]. **Perturbations** [Pil94d, deL94m, DZ93e, LQ95f, RS94]. **Perturbed** [Bor98c, DWY98, Sim91a, Don98, HMN91i, ITO93b, Phe93a, Wer95]. **Pesin**

[Thi91]. **Peterson** [TY90]. **Petites** [RS94, Ber90b]. **petits** [Fou90].  
**Petrovsky** [deL94n]. **Pettis** [Räb91]. **Petviashvili** [AD90]. **Pezzo** [Fuj90b].  
**Pfeffer** [Ste90b]. **PFTQs** [LO98g, LO98i]. **Phase**  
[DP91k, HMN91h, Jen90, Kaj91, Ken94, Mül99, Sim91g, TPDZ91, Vis94].  
**phases** [SOA91]. **phenomenon** [SOA91, Tal91]. **Philippe** [Dwo90].  
**philosophy** [Tho92]. **photons** [Fri91]. **Physical** [Fri90a, Ino98c]. **Physics**  
[FG90, GS93, Col92i, Col92h, Gra96, Jon92]. **physiologically** [Die99].  
**Picard** [GH90, Ric92, vG92, vdPS97i]. **picture** [Lan91d]. **Piecewise**  
[Shi90, Vai93f, Col92g, CW91b, Hof91]. **pinched** [Ham91]. **Pisa** [Vil90]. **plan**  
[BP97i, Ber93, Mou90]. **Planar**  
[DRSŽ91i, FR90c, Sch90k, AV91, BW94a, Col90b, DRSŽ91a, GS90a, Le 92,  
Le 94, MS90b, Mou92a, MN90, Rus90, Shi94, Wer94, Yap96i]. **plane**  
[Ant92, BW94b, Drm90, GT91, GCR90, Gor91, Kra90, MD90, Pol92, Sch91k,  
Shu92, SOA91, Sto92g, Wah95b, Wat99]. **Planes**  
[Kna95g, Kna95i, Kna95e, Kna95f, Met91d, Met91q, Met91m, Pot95f].  
**Plasma** [TBR91]. **plats** [Bea92]. **plongée** [Mul90c]. **pluriadjoint** [Oli90].  
**pluriharmonic** [OU91]. **plusieurs** [Gra90b]. **poids** [DL90]. **Poincaré**  
[LW90b, Ben92, NZ99j, Rud92, Yam90]. **Point**  
[Sch90d, AB91, AE90, Bar90c, Bar93c, BK92c, Bru92a, BM92d, Fur90a,  
How90, Kle90, Kuč90, Nus93b, PR97b, Sam91, TO97d, Wit92]. **point/**  
[AE90]. **Points** [Met91n, Met91o, vdG93, Acc94f, Acc94h, AS98b, Ban92,  
Ber93, BC92l, Bor90b, Bor92, BF93c, BF93e, BF93h, BF93g, BF93i, Bur93,  
Che91, DG90, DL96c, EP90, ERHG91, Gel90, Kin94, Met91g, MN90, PR97e,  
Rib99, STV92, Ts92, Vig90]. **Poisson**  
[Fri90a, KS90a, LP90b, NV90, Van96f, VK90]. **Poissonxo** [Rog90]. **Pol**  
[CD91]. **Poland** [JOP91]. **polar** [CML90, Kho97]. **polarisées** [Deb92].  
**polarized** [Oli90]. **poles** [Ika90]. **poloidal** [SvW92]. **Pólya** [Kah92].  
**polycycles** [Mou90]. **polyèdre** [CDP90j]. **Polyèdres** [DL90].  
**polygogarithm** [Wil97d]. **Polygogarithmic** [Wil97d]. **polyharmonic**  
[Kar97c, Kar97e]. **Polyhedral** [Küh95f, Küh95g]. **polyhedrons** [Zai90].  
**polylogarithm** [Wil97f]. **Polylogarithmic** [Wil97e, Wil97f].  
**Polylogarithms** [Wil97g]. **polymère** [Le 97]. **polymorphic** [Sce90b].  
**polynôme** [Bor90a, Dur90d]. **Polynômes**  
[Bor90a, LW90b, Mig90, Phi90, Dur90a, Dur90b, Lan90c, Maz97, Sch90i, SN90].  
**Polynomial** [Dek96b, Nar95b, AV91, ASHY90, CV93, Fre91h, FP98a, GU92,  
Kwa91, Mař93a, Man97b, Nar95a, RS90d, Son90, TPDZ91, Zai90].  
**Polynomially** [NR90]. **Polynomials** [FP98h, Ger93, LW90b, Bou91b, Clu92,  
FP98f, FP98j, Jac90, Khr93, MO93h, Nar95c, Nev94, NM92, Pra91, Pri93,  
Rak93, Saf90, Spr93h, UT92, Woj91, Yan93]. **Polytopes** [RG96f, RG96g].  
**Pontryagin** [Ban91e]. **ponts** [JY90]. **population** [DGT91, Jag93].  
**populations** [Die99, JN96]. **porings** [SM99d, SM99e, SM99g]. **Posed**  
[DZ93g, Fur90a]. **posedness**  
[DZ93a, DZ93b, DZ93c, DZ93d, DZ93f, DZ93j, DZ93i, DZ93h, deL94s, deL94u].  
**positif** [Mey93c]. **positifs** [Bor90a]. **position** [EP90]. **Positive**

[CM90, Iwa92b, Üst95i, Dam92, Dem96, HRS91, Haj91, Hru98b, Nag90b, Not90, Pet96, Ros91, Sch93d, Sim98b, vN92b, vdPS97e]. **positively** [JcC91]. **positivity** [Kni91, Koe99b]. **Post** [CM90]. **Postnikov** [Rut97n]. **Potential** [Aik96, AE96, Ess96, Kar97f, Ken93, Soa94d, Bor98d, Jen90, Kar97d, OT90, Suz90]. **Potentialen** [Hla90]. **potentials** [BM90c, GV91c, Hla90, Soa94a, Tam90, Van96d]. **Potentiel** [Anc90, Del90a, Del91g, Mic92]. **pour** [Bea92, Ber90b, Cap98, Eis97, ESH99, Fon98, Fou95, Hen90b, Hu93, Jac91, Jou98, Le 90, Mey91b, Mic97, Thi91]. **Power** [Bal94e, IK99g, AFF90, Bal94b, Bal94g, Bal94i, Gre90, Har90a, New90, WY92]. **powers** [CRW90, Cas92, CS92c, Her90b, IK99f, IK99i, Kur90]. **Poznań** [JOP91]. **PR** [CDZ91]. **pre** [Mic93]. **pre-wavelets** [Mic93]. **Precategories** [Jan91]. **précédent** [Arn99]. **preconditioned** [BCMS90, Gus90, Not90, van90, AK90]. **Preconditioning** [ELLV90, WS90]. **predecessor** [Wir98e]. **Predictable** [Ran90b, DS95, Ove95]. **preduals** [CK90]. **Preframe** [JV91]. **Préliminaires** [Man97f]. **Preliminaries** [Ban91f, CM97f, Dek96h, Ene95f, Isa92i, JR92f, Kit94d, LQ95e, Moo96c, Pot95e, Rut97p, Üst95j, Vai93g, Wei94d, Wic91f, Zuo99d, Bre94g, Heb96b, Man97e, Sim98c, Man97f]. **Preliminary** [BEGG90h, Pil94a, Wah95g]. **premier** [FT90]. **premiers** [Fou90]. **prenant** [Gra90b]. **Preordered** [SM99j, SM99m]. **preparation** [IG90]. **preparatory** [AS98a, Nil94c]. **Prerequisites** [GHS97f, LO98j, Oba94c, LO98n, Zie96b]. **Preschemes** [Mum99e]. **prescribed** [BEGG90f, Ste99b]. **presence** [Heb96e, van90]. **present** [JV91, Rud92]. **presentation** [CP93c, HM90, Wah95g]. **presentations** [Fin90, JV91]. **presented** [CP93d, Rut97a]. **preservation** [Far96g]. **preserves** [Far96j]. **preserving** [HK92, Rut90]. **presque** [AW97, Fou90]. **preuve** [Ber93, Cad97]. **prévisible** [AJKY93]. **pricing** [EQ97]. **Priddy** [Mil90b]. **Primality** [AH92d]. **prime** [Kur90, New90, Sch94o, Sho92q, Wri90]. **prime-power** [New90]. **primer** [Cra97]. **Primitive** [Sho92s, TT90, Pra90a, Sho92r, Sho92t]. **primitives** [Skv90]. **Primitivity** [BMMN98k]. **Principal** [Xi94j, Bel90b, Isa92i, Ver91]. **principalement** [Deb92]. **principe** [Cad97, Del91g]. **Principle** [Nag93, Eke90, Gro97g, Kum92, Kus91, Mur93, She93]. **Principles** [Kna95i, Mar93b, Phe93j, Wac92]. **priori** [Ôta93, Sch90q, Sch90r, Tai91f]. **Priority** [LL90, Dow90]. **prix** [Ans94]. **Pro** [KLGP97g, HP92, KLGP97o]. **Pro-** [KLGP97g, KLGP97o]. **pro-crossed** [HP92]. **Probabilistic** [Ebe99f, Ike90, Kah94, Tal96, Bas90, KP90, TT96]. **Probabilists** [Mey93k, Mey95f]. **probabilité** [EM91]. **Probabilités** [AYM90, AYM91, AYM92, AYM93, AYM94, AEMY95, AYE96, AYE97, AYÉL98, AÉLY99, BGM94, Ber95, Ber96, Ber98b, GGSC97, Hen90a, Hen92, Hen93, BPSH91]. **Probabilities** [Neu96d, BSÉ99, Haz93, Per91, Sch99, Tay92]. **Probability** [AvW90, BGM94, Ber95, Ber96, Ber98b, Ber99a, Bre94d, BPSH91, GGSC97, Mey93j, Mey93k, Mey95f, Mol93i, Neu96e, Per99, Yuk98g, Bar90a, BP91, Bre94b, DN99c, Itō93a, KTV92, Mey95e]. **Probailités** [Ber99a]. **Problem**

[Arb99, Cha91f, HN94a, HN94b, KN91, Kos95e, Mey99i, OL90f, XL98d, BM90a, BGR91, Ble91, Bol92, BM92b, Bor90b, Cha91d, Cha91e, Cha91b, Cha91n, Cha92, CM90, DH90, Del92h, Den92, Fre90, Fur92, GP91a, Gal92, Heg90, Hon90, Isa92d, Isa92h, Isk91, Iva93, Kaj91, KPV90, Kni91, LP90a, Lou91b, MS90b, McI90, Mey99c, Mey99j, Mie91l, Mog92, Muk91, Nar90, Nar93, NZ99b, Nis91, OL90b, OL90e, Oka90, Pis96j, Pro90a, Puk90, RS90a, Rod94, Rud92, Sal92, Sim98k, Sim98l, Sim91n, Soc92, ST92a, Spr93b, Wie90, YR90, Zvy90a, deL94d, vdPS97g]. **problème** [Bel99, GC92]. **Problems** [Alb98g, Bar93j, BP97j, Bra98a, CG97g, CP93b, DZ93g, HS99, Isa92k, KZ93, Mie91c, OL90d, Pis96k, Pyt99e, RG96e, Sch90d, Sch95d, Ste90c, Tai91d, Yuk98g, Alb98e, Alb98h, BCC92a, Bar90b, Bar93a, BL94g, Bou91d, BMMP91, BF93a, BF93b, BF93k, Bro90b, CM97g, CP93a, CMN95, Coc98, Dri92, DRSŻ91d, Ebe99e, Egg91, Elf91, ELLV90, Fis90, For92, FP98b, Fur90a, Gel90, Gem90, GKW91, Gro96, Gru91a, Gru92, Heb96a, Hey90, IK99h, Isa92i, Isa92j, Kah94, Kah90c, Kaz90, Khi92, KLGP97k, Lan91f, Lau91, Lie93j, MT90, Mar93b, Maw93, Mie91b, Mus92, Neu97e, Par93, Pil90, Saf90, Sch90e, Sch95b, Sil92, Sim98h, Sin91, Sko92, Suf90, Tai91a, Tai91c, Tib90b, Vai93i, Ver94, Wah95e, Wah95g, Wat90, Yuk98c, Zip91, Zor92, deL94q]. **procedure** [Pyt99f]. **procedures** [AL90b]. **Proceedings** [AvW90, ACC92, ASMS90, ACE91, AK90, BBD90, BCC92b, Ben91b, BDF91, BS90c, BLM<sup>+</sup>90, BM91, CPR91, CDZ91, CMR92, FPSW91, FR90c, FIK90, GT90, HLN91, HMRS90, HMRS92, HPSS92, JOP91, JLP90, KZ93, Kom93a, KÜ90b, KRW92, Kul92, LS90a, LW90b, Lat90, Mim90, NF90, NO91, OR91, Pic90, RSSV90, SBL90, ST92c, TBR91, Vil90, XD90, YS92]. **process** [App95, BW94a, DP91c, DP91f, DS95, KT93, Kos95g, NV90, PR97g, Shi96, Xue90]. **Processes** [AS98d, CF92, Git98, Tai91d, AS98c, AS98h, BI92, BK92b, Bax92, Bel90a, Blü90, Bre94e, CL96, CML90, Chi97, Daw93, DWY98, Fri90a, Gin97a, Hol90a, Kry95, Kui92, Kus93, Lei91, MR94, MWNPA92, MSS94, Nag93, Par91c, Ran90b, Sch911, Son97, Wac92, War97, Xia92]. **Processus** [Del90b, Mai93b, AY90, AJK<sup>+</sup>96, Ber90b, CTR96, Eis97, Fou95, GRCW90, Mai94, dM99]. **Product** [DN99b, vdP93, CS92a, DS90g, Dūn92, Eyr98j, Gol91a, Han91, HA90a, Hub95a, LS91, Lor92k, iM90b, Neu97d, Neu97e, Neu97p, Vät97c, Wah95m]. **Production** [Del90b]. **Products** [DS90d, JL93a, JLG94, Pus96l, BMMN98q, Dar91, Far96h, Gol90, HM91, Hul90, JL93c, JL94, Kow92, Lan96g, Lan96j, Leu91, Par93, RS91b, Rut97t, Sch91b, Tay92, Van96e, vN92i]. **Produits** [Mor90b, Mey93a]. **Professor** [Kom93a]. **profiris** [Ser94a]. **Program** [Kov90, CDZ91]. **Programming** [Sac90, DZ93c, Mac91, OL90e]. **programs** [Pla90]. **progress** [Fal92, Tik90]. **progression** [Gra90b]. **progressions** [Now90]. **Projecting** [Mil90a]. **Projection** [Rai96, CP91c, DS95, HYL91a, Isa92f, Pan91j, Ran92]. **Projections** [OL90d, Ric99e, Neu97j, OL90c, OL90e, OL90f, Ric99c, Ric99d, Ric99f, Wah95c, Wah95d]. **Projective** [ABW92, HS94, Hun96h, Man97g, Pot95f, vG92, Aub92, Bal90b, BS90a, Göt94a, HFS94g, Hul90, Ion90, Kim94, Kna95h,

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[Bro93, Kho97, Ore90]. **sheets** [Caf91]. **shell** [Pom98c, Pom98e]. **Shields**

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[Heg90]. **showing** [Wah95g]. **shtukas** [Lau97]. **side** [Kal93]. **sided**

[Xi94e, Xi94i]. **sidewalls** [Nag90a]. **Siegel** [CP91d, CP91e, CP91g, CP91c, Fre91d, Koo93, Mig90, Pan91h, Pan91i, Pan91j, Sch91h]. **Sierpiński** [Hec98]. **sieve** [BL93b, BLP93, Cou93, LL93, Len93, LLMP93, Pol93b]. **signal** [Fla90, SN90]. **Signature** [Lab90]. **signed** [BM90c]. **signum** [LS93]. **Silivri** [KÜ90b]. **Silov** [Kan91]. **Similarity** [Pis96k, Pis96j]. **Simple** [Xi94m, Ade92, Ber93, Bou97n, Fra95, HALM90, Ish92, KLGP97h, Lan91h, MSS94, Rei97d, Rut97u, SY91, Xi94h]. **simple-elliptic** [SY91]. **simple-homotopy** [HALM90]. **simples** [Del90a]. **simplices** [Rez91]. **simplification** [dM99]. **simply** [Neu96e]. **Simulated** [Cat99]. **simulation** [BMMMP91, Tho93]. **simulé** [Mic92]. **Singer** [Pot95e, Sho92q]. **Singular** [Dam92, Dav91b, Dav91a, Dav91d, DZ93e, DK94, Ebe99g, Fre91f, Fre91e, Fre91g, Hub95t, Kru97i, Lor92i, Maa91, Mat90a, Mit94d, Vai93c, Bas90, DRSŽ91a, Fuh91, Fuj90b, Hu91, Hub95g, Jon95, JL93b, MT91a, Mit94a, Nil94a, RY90, Vai93i]. **Singularities** [DRSŽ91i, Mas95h, RS91a, Ura93b, AMSV91, Beh91, BM90b, Bor90b, Chr91, Dim91, FS90d, JS91a, Mas95a, Mas95k, Ohs91, Pfe90, Sch91k, SY91, Shi91b, SS92, Ste91, Ura93e, MM91b]. **Singularity** [BF93k, BF93j, Caf91, SV91b, Gor91, Rou90, MM91b, RS91a]. **Singularly** [Bor98c, Sim91a]. **Sinha** [Mey93b]. **site** [Sch94k, Sch94r, Sch94q]. **Sitges** [XD90]. **Six** [DN99d, Tyu96, DN99c]. **size** [Jan93]. **Sizes** [Sim91m]. **skeleton** [Rut90]. **sketches** [Gra91b]. **Skew** [Tay92, Kow92, LS91]. **skew-product** [LS91]. **Skorohod** [BI92]. **sleeping** [Sap90]. **Slices** [Rob90]. **slight** [Tyu91]. **slip** [Wol92]. **slip-condition** [Wol92]. **slit** [YR90]. **Slow** [ERHG91, Del91a]. **slow-fast** [Del91a]. **slowly** [BC95]. **slowness** [Lie93c]. **Sluggish** [IG90]. **small** [AV91, DH90, Eva92c, Ion90, KLGP97e, PSW92, Pir90]. **Smooth** [Acc94e, Göt94d, KB96a, LQ95g, MO93c, Phe93j, BM90c, BHS96c, BK92c, Sad91]. **Smoothing** [GV91k, Oza90, Yaj90]. **Smoothness** [Vai93h]. **Smorodinsky** [Sch99]. **Sobolev** [Bak91, BT93, Cap98, Cha91m, Fon98, Fuj93, Gro93, Heb96c, Heb96d, Heb96e, Heb96f, I90, Led99, LN91, Mat98, Mil94j, Neu97e, Neu97i, Neu97n, Neu97p, Neu97o, Str93b, Üst95c]. **solenoidal** [SvW92]. **Soluble** [Sho92s, Sho92l, Sho92o, Sho92m, Sho92p, Sho92r, Sho92t, Sho92u]. **Solution** [Sch90d, AB91, Cha91b, Ino92, Kal99, Kar91, Koz90b, Mog92, Pom98g, Pro90b, Spi91, Vai93h, deL94i, deL94s]. **Solutions** [Dix97d, DL97, Mey99i, Rei91d, Alb98d, AS98e, BMO98, Bal94d, Bar97, Bar93i, Bia90c, BM90d, CD91, CMN95, CM90, Cra97, Daf96, Fab93b, Ge92, Gil90, HS91, Hen91, HMN91a, Hla90, Hum90, JP91a, Kos95a, Kos95b, Kos95c, Kos95d, Kos95f, Kos95g, KM97b, LP90a, Lio93b, Mat90a, MS91a, Mey99m, Mis92, Mor93a, Neu97o, OT90, Pyt99a, Sch92b, Sch90p, Sch90v, Sch90w, Son97, SS92, Tad98, Wie90, Wie92, Zvy90a, ZR92, deL94u]. **solvability** [KM97i, XL98j, vW90]. **Solvable** [Ser92n, Kac91, Kaw93]. **Solving** [Not90, Sch95d, Ehr92]. **Solvmanifolds** [TO97c]. **Some** [Acc94f, AP91, Ark93, Bal94h, Bar90a, Bar97, BK91, Ben91a, BMMN98n, BH90c, Bro90b, Bul90, BDT90, CV93, CM97g, Coh95, Del91f, DK93a, Don98, Erd90h, Eyr98i, Fuj93, GK90, Gra99, Har90b, Hub90, IK90, Jan93, JL93c,

Kah90c, Kho97, Kit94e, KLGP97j, KLGP97k, KLGP97l, Kni93, Kos95f, Koz91, KB96f, Lan91f, Law91b, Le 92, LO98m, LO98n, Lie93j, Mal92, MT90, McK90, Mil91, Mil94k, Mor91, Ner90, Neu97q, Nie91i, NÜZ90, Opo91, Raj91, Sch92a, Sch94t, Sch92b, Shk93, Sho92u, Skv90, Soa94g, SY98, Tak99, Thr90, Ts92, Tuc90, Üst95k, Vai93i, Wah95h, Wal93, Wer95, Wir98f, Woj91, Yan91b, Yap96g, Yap96h, Zak91, Zim98d, Acc94d, Acc94h, Bar92, BI92, Bia95b, BM92b, BCMS90, BMMP91, CRW90, CMZ91, Car91a, CL96, Cri90, Dri92, FH90, Gel90]. **some** [Gin97b, GK98, GDT91, HH92, Hun96e, Iva93, Kön98a, Kos95d, Kra90, KJ90, Liv90, Lun92, Mar90d, Mél96, Mus92, Ore90, Ôta93, Shp90, Üst95b, Vel90, Wah95c, Wah95f]. **sommation** [Eca90]. **Sommes** [Rod92, DL90]. **son** [Bak94]. **Sous** [Cos90a, DI98, Dum91, KPR90, Mou90]. **sous-analytiques** [KPR90]. **Sous-corps** [Dum91]. **Sous-ensembles** [Cos90a]. **Sous-mesures** [DI98]. **sousmartingale** [CS98]. **Space** [Mey93e, Mey93f, Mey93m, NZ99l, Oba94e, Pil94e, Üst95e, Vuo92, AS98b, Bel90a, BR90i, Cas91, CG97f, CG97g, CM97h, Cha91e, Cha91l, Cha91m, Cha92, Chr91, CP93e, Ebe98, FF97, Fuj91, HW91, Han90, HOR91a, Her90a, IK99a, Ino92, Iva93, Joh95e, Joh90, Koz90b, LN97, Mad91, Mey95a, Mey95b, Mey95h, MO90, Mol93i, Neu97b, Neu97c, Neu97o, NV90, NÜZ90, Nua98, Oba94g, Par91b, Par91c, Phà91, Pis96d, Pri90, Sch93e, Sch93h, Sen90, Siu91, Tuc90, Tyu92, ÜZ97, Wah95c, Wah95g, Woj91, Yur95c, Zor92, deL94s, deL94u]. **space-time** [Ino92]. **Spaces** [Ban91a, BTV95c, BR90j, CG97h, CM97c, Del91c, DL96a, Far96d, Gro97a, HWW93f, Heb96f, HMN91h, JJS92, Jaj91h, Kit94f, LT96, Mar96h, Mar96i, Met91j, Mey93f, Mit94d, Moe95c, Nil94b, OL90d, RG96f, Rut97r, Vät97b, Wei94b, Bal91, Bar93g, Bau91, BTV95a, BC92a, BFS98b, BFS98i, BEGG90e, BR90c, BR90g, BR90h, BT93, CMZ91, CG97b, CM97a, CM97b, CNZ91, CP93g, CP93h, Day92, Del91b, Del91e, Did90, DGT91, Dul91, ELL99b, Far92, Far96e, Far96a, FJ91, FS92, GK98, GE98f, HWW93b, HWW93a, HWW93g, HM91, Heb96d, Heb96e, Hen90c, HN93a, HN93i, HMN91b, Hit90, Hit91, HKR92, Hub90, Hub95f, Hul90, Hun96g, IK99j, I90, Ish92, Jaj90, Jaj91a, JP91b, JT91b, KS92, Kis94, Kit94c, Kit94e, Kna95d, Kna95h, Koe99c, KF93, KÜ90a, KV92, Kuk93d]. **spaces** [Kum97, KB96g, Leu91, LP91, LL91, pL91, Lum91, Lun92, Met91b, Met91i, Met91h, Met91g, Met91f, Met91m, Met91o, Met91p, Mey95b, MR98, Mil90a, Mil94k, Mit94f, MN91, Moe95b, Møl90, MO93b, Mor90c, NV91, Nar93, Neu97e, Neu97p, Nil94e, Nil94f, OL90b, OL90f, Ohs91, Phe93a, Phe93d, Phe93f, Phe93i, Phe93j, Pst90, RB92, Ric99a, Ric99h, Rut97h, Rut97o, Sch94l, Sch90h, SV91a, Shi91a, Sim98k, Sim98l, Spr90, Tam99d, Tod97b, TO97g, UT92, Van91, Vät97d, Vät97c, WY92, Wei94c, Wei94g, Woj91, XL98i, iY90, Zab99, ZD92, deL94i, dlR93]. **Spain** [ACC92, CC92, XD90]. **spanned** [Bal90b, Pal90]. **spannedness** [BS90a]. **sparsity** [Mau90]. **spatial** [Dur99]. **spatio** [FMSW91]. **spatio-temporally** [FMSW91]. **Special** [Bra98g, Dix97e, Erd90i, Sim98i, AVV92, Bar92, CDZ91, Dow90, Hun96e, Ina90b, Nie91i, Pil99d, Sie91, Sim90, Tyu92, WJ90]. **specific** [Oud91]. **Spectra** [KTV92, Mar96i, Mar96a, SM99m]. **Spectral**

[Blo92, BT93, DM96, How90, Lan91g, Lan96o, Nik94b, BBG91, CL99g, Gol94, Lin90, Mat98, Pre96, Ric99b, Ric99f, Sho92i, Ste90a, SW92, mS91b].

**spectraux** [Mic98]. **spectrum** [AB90a, How90, Mar96g, Sch94r, Sch94q, Wol91]. **Spencer** [Her94f, Her94g, LZ92, ZL90]. **Sphere** [Kun92, Lan90c, Han90, Küh95b, SOA91, Mul90c]. **Spheres** [Koc90h, Bar93b, Bar93h, BR90a, BR90f, Coh90, Cru90, Koz91]. **spherical** [FP91, Lau91, NM92, Ros90, UT92]. **Spherically** [BOERT96e, MM90].

**spider** [Wat99]. **Spin** [Mar99, Mey93l, Mey95g, Moo96d, BP97e]. **Spines** [BP97c, BP97a, BP97b, BP97k, CS92b]. **spinned** [Sai91a]. **splines** [Mic93].

**split** [Azu90, Lan96d, Lan96a]. **splittings** [Sad91]. **Spreads** [Kna95h].

**square** [Cou93, McI90]. **squares** [Elf91]. **stabilité** [MS91a]. **Stabilities** [HMN91i, Jag93]. **Stability** [AT98, ELL99g, Rei91d, BS92, Brö90a, Car91b, Cha91a, Daf96, GP91a, Haz93, Hon90, Mao91, Mol93e, Mol93j, Nag90b, Pil94f, Wie90, XL98f, Zie98, Zol90, KZ93]. **stability-concepts** [Haz93].

**stabilization** [GV91f]. **Stable** [BR90f, Erd90j, Koc90h, LQ95h, Bot92, CA91, Eis97, ÉS99a, FJ91, GRCW90, Jan93, JP91b, Kah90b, Las98, Led92, Lin98, LZ92, Pil99e, Shk93]. **stably** [Hub90]. **stacks** [JT91b]. **stage** [HFS94e, Møl90]. **stalks** [Sch94n]. **Standard** [AR96f, BP97c, Ino98d, Ino98e, Alb98c, BP97b, BP97k, BF93g, BL90, Cad97, CP91e, Pan91i]. **star** [Mor90b]. **Stark** [Wan91b]. **stars** [DvG91]. **starting** [TO97d]. **State** [Pyt99e, AS98b, Lau91, Yau92]. **Statement** [Kuk93c].

**statements** [BP97i]. **states** [DU92, Str93b, Tam90]. **stationarity** [Tho93].

**Stationary** [Mis92, AB91, Pro90b, Sal92, Sap90, Sim91g, Soc92, Wac92].

**stationnaires** [CTR96]. **statistic** [FT93]. **Statistical** [DK93c, Woy98i, Dob93, Fur90b, Gra96]. **Statistics** [Ber96, Ber98b, Ber99a, GGSC97, Bro93, DX93, DN99c, FK93d, Gin97a].

**statistique** [Jac91]. **stay** [BD94]. **steady** [Ant92, Cha92, Lau91]. **Steenrod** [Lin90]. **Steepest** [Neu97r, Neu97b, Neu97c]. **Stefan** [Rod94]. **Steinberg** [Ree90]. **Steinhaus** [Sch90f]. **stem** [Koc90a]. **stems** [Koc90e, Koc90g]. **step** [Ino92, Kit94a, Var92]. **Stephen** [Lup90]. **steps** [Ebe99b, Hyl91b]. **stéréo** [FM90]. **sticky** [War97, War99]. **Stiefel** [Deg92]. **Stieljes** [HMN91j].

**Stochastic** [BK92b, Car91a, CK90, Dur99, ELL99h, Eyr98g, Fla91, Gli92, Har98f, HS90b, KZ93, LQ95i, Mey93m, Mey95h, AH90, AT98, AS98e, AS98d, BMO98, Bax91, Bel90a, Ben99, BH90c, Box91, Bre94e, CMN95, Chi97, Coh95, Der95, EQ97, EY93, ELL99g, ÉS99b, Eyr98f, Eyr98h, Eyr98i, Fag90, GK98, Hu96, JS90, Kal99, KY91, KY93, KP96b, KP96c, MY99, MY07, MR98, Mis92, Nor92, Nua98, Par90, Pul96, Shi94, Tay92, Yan91b, Da 99, KÜ90b].

**stochastique** [Bia95a, Gro90a, Pic91]. **Stochastiques** [Par91a, Cép95, JP91a, JY90, MS91a]. **Stokes** [HMRS90, HMRS92, BM90d, BM92b, Cha92, FS92, Fur90a, Fur90b, GGS93, Gru92, Hey90, Kat90, Kaz90, Kos95b, Koz90b, Mog92, OSK93, Pi90, Pro90b, Puk90, Ran90a, Ran92, Riv90, Sal92, Sch92b, Soc92, SV90, SW92, Val90c, Var92, Wie90, Wie92].

**Stoll** [Cad97]. **Stone** [Ric99a, AMM90]. **Straightening** [Bru90]. **Strange**

[PR97c, AK92, Naz92]. **strata** [Sko92]. **strategies** [Bea90, LL90].  
**stratification** [Deb92]. **strengthened** [Rez91]. **strictly** [CMM91, ELY97].  
**string** [AG90, DLS90, LR90]. **strips** [Mie91i]. **Strong**  
[AS98d, Hu96, Jaj91h, JT91b, Koz90b, Rak93, Win90, AS98c, AS98e, AS98g,  
AS98h, Bor98d, Hen90e, Ino92, Jaj91e, Kal99, Kos95b, Ohs91, Wie90].  
**Strongly** [BIOS90, MT99, Ric99d, deL94a, deL94j, deL94n]. **Stroock** [RS94].  
**Structurally** [CA91, Pil99e]. **Structure** [CDP90m, Mar96j, TO97f, Ars90,  
AR94, BFS98g, BR97, Fie91, FK93i, Fuh91, Fuj91, Kol91, Met91e, Mul90c,  
Pil99d, Tam99d, Wes93, Woy98h, Zim98e, Zvy90a]. **structured** [Die99].  
**Structures** [Dek96b, AR96g, BMMN98e, Eyr98a, Ge92, Hun96g, Kai97h,  
Kan91, Kuk93d, Lic90, Mar96f, Pom91, Pot95e, TO97g, Wil97c, Zar91a].  
**Studies** [BGV90, BGV92, Bus92]. **Study**  
[Voi94, Del91a, Fro91, Ike90, Lea90, SY91]. **Sturm** [KM97h, Sim91n]. **sub**  
[BZ92]. **sub-** [BZ92]. **Subadditive** [Yuk98i]. **Subadditivity** [Yuk98j].  
**Subalgebra** [RS90b]. **subalgebras** [Pus96e, Tam99c]. **Subanaliticity**  
[Den92]. **subanalytic** [Shi90]. **subcategories** [SM99p]. **Subcones** [KR92g].  
**Subdifferentials** [Sim98j, Phe93i]. **subfactors** [Kaw93]. **Subgroup** [Fin90].  
**Subgroups**  
[Ban91a, Bur74, AP91, BOERT96a, BEGG90g, Bur90, Gro97e, Gro97f,  
Har90b, Lan96n, Neu90, Sho92l, Sho92o, Sho92m, Sho92p, Sho92t, Sho92u].  
**subharmonic** [GLO94]. **subharmonics** [Fur91]. **subject** [Ant92].  
**Submanifolds** [Küh95f, Lum91, Ebe98, Kai97a]. **submeasures** [Sip92].  
**submodules** [Azu90]. **Suborbits** [BMMN98c]. **Subordinators**  
[Ber99b, BC95]. **Subschemes** [Göt94d]. **subsequences** [DK92]. **subset**  
[Bia90a, Bia90b]. **subsets** [IT90]. **Subspace** [Eve93]. **subspaces**  
[ABW92, OL90e]. **subvarieties** [BL92c, Cle90]. **Sud** [Lem90c]. **Sufficient**  
[Bro93, vW90]. **sum** [Aki90, Kir90, Sim98k, Sim98l, VM92, FT93].  
**summability** [BDT90]. **Summable** [Bal94i]. **summands**  
[HWW93a, HS92, Pri90]. **Summary** [DS90f, Lem90d, Tam99f]. **Summer**  
[BPSH91]. **Sums** [AS90b, Cas92, IK99g, IK99i, Yur95d, Yur95g, AS90a,  
Bou91c, IK99f, JPA97, KK93, Küh95c, VC90, Woj91, Yur95b]. **suns** [DvG91].  
**Super** [Tam99b, Tam99c, Tam99g]. **Super-Algebras** [Tam99b].  
**superadditive** [Yuk98i]. **superadditivity** [Yuk98j]. **superalgebra** [Eyr98e].  
**Superalgebras** [Eyr98g, Eyr98h, Naz92]. **Superbranching** [DM90c].  
**superconductivity** [Neu97s]. **Supercongruences** [Cos90b].  
**Superconvergence** [Wah95i, Wah95k, Wah95l, Wah95j, Wah95m, Wah95b,  
Wah95c, Wah95e, Wah95h, Wah95g, Wah95a]. **supercritical** [JN96].  
**supermartingales** [CJ90]. **Supermoduli** [FR90b]. **superposition**  
[Nag93, Sen90]. **superprocesses** [Ove95]. **Superselection** [FK93i].  
**Supersingular** [LO98h, LO98o]. **supersingularity** [LO98i]. **superstrings**  
[FR90b]. **supersymmetric** [BL90]. **Supplementary** [Arb99]. **supplements**  
[Kna95a]. **support** [Bom91, Lem90a, MSS94]. **supported** [FP98h].  
**supporting** [Eme97]. **supremum** [ELY97]. **sur-et** [CS98]. **sure**  
[Git98, Jaj90, Jaj91a, Kar91, Mao91, Mol93b]. **Surface**

[Kai97h, Sim91a, Ant92, CvdG92, Fri91, Hun96a, Mie91a, Mog92, NZ99a, NZ99g, Rei90b, Rut97f, Sim91k, Tan91, Wol92, Wol91]. **surface-near** [Fri91].

### **Surfaces**

[Acc94g, Br̄96d, BEGG90c, BR90j, Dav91d, MO93c, Rut97s, Acc94a, Acc94b, Acc94d, Acc94e, Acc94f, Bal90b, BS90a, Bia90e, Bor90b, Bri96c, Br̄96e, BEGG90a, BEGG90b, BEGG90d, BEGG90f, BEGG90e, Dav91b, DP1PS90, DG90, DV91, DR91, Hon90, Hul90, JP91b, Kaw92, Küh95g, Kus91, Le 90, Lie93c, Liv90, MM91a, MO93b, MO93h, Neu97h, NZ99i, Oko91, Oli90, Sai91a, Sak90, Sch90r, Shi91a, Sil90, Ste99b, Tyu92, Ura93e]. **Surgery** [DS90a, DS90b, DS90d, DS90c, DS90e, DS90g]. **Surjectivity** [BEL91].

### **surmartingales** [CJ90]. **Survey**

[Mol93j, Rut97r, TO97e, Win95d, And91, Ark90a, CW91b, Dek96d, DN99c, FK93c, McI90, Pra90a, Sto92n, Wal91b, Wür91]. **surveys** [Vuo92].

### **survivability** [Sto92k]. **Survivable** [Sto92e, Sto92n]. **survival** [Gil94].

**Suspending** [Mas95k]. **suspension** [Far96e]. **suspensions** [Kos91]. **Suzdal** [KZ93]. **swarms** [Fro91]. **Swinnerton** [Rub99b]. **Swinnerton-Dyer** [Rub99b]. **swirling** [Raj91]. **Symbolic** [BK92a, CP93i, CP93j, Her90b].

### **symbols** [AB90b, Ree90]. **symétrie** [CF90]. **symétrique**

[Dix91, Eis97, Gro90a]. **symétriques** [DI98]. **Symmetric**

[AMSV91, BTV95e, BR90g, BR90j, FP98j, Sch93e, Vas90, Bar93i, BMMN98i, Bru90, BR90h, BR90i, Erd90k, Far96h, HB91, JR91a, Kan91, MR94, Phà91, Rou90, Shk93, UT92, Van96e, Yan93]. **Symmetric-like** [BTV95e].

### **Symmetries**

[Bar93j, Kru97j, Mey99l, Bar93c, Heb96e, Hor90, Mie91e, Tam99e].

### **Symmetrization** [Sch93f]. **Symmetry**

[Nag90a, CA91, CGG<sup>+</sup>91, GGS92, Ger92, GT91, Lau91, Wah95j, dPW91].

**Symmetry-breaking** [Nag90a]. **Symplectic** [BF93j, JS91a, Kuk93d, TO97f, TO97g, BF93c, BF93h, JR91a, Lie93a, Wan91a]. **Symplectique**

[Alb90, Fra90, Mul90c, Tur90a]. **symplectiques** [Aud90, Daz90, Lic90].

### **Symposium** [BDF91, FIK90, NF90, NO91, Vil90]. **synthesis**

[Nik94b, Ste90a]. **synthetic** [Hyl91b]. **System**

[Wir98g, CA91, CP93d, FS90d, GGS93, HS91, Kel91b, Kos95b, Mat90a, Mog92, Mor93b, Mül91, Pom98g, RS90d]. **systèmes**

[DM90b, KS96, Mey93a, RS94, dM93a]. **systèmes-produits** [Mey93a].

**Systems** [Bor98c, BHS96i, BM91, CP93b, CNZ91, FG96, Joh95g, Ken94, Kos95e, Kuk93a, LQ95g, Pil94e, Pil99b, Pil99d, Pom98a, Pom98h, Rei91d, Sch90u, Tib90c, Van96g, AV91, Ama91, AC91, Arn95b, Bar93i, Bol92, Bor98d, CP91a, Car91a, CT92, CP93a, Col92f, Cra91, Daf96, DM96, Dur95, ELL99g, ELLV90, FS90b, FMSW91, FS90c, Fra91, Fur91, Gri97, Gro90b, Had99, Hel91, HMN91e, HMN91f, HMN91g, HMN91i, Hla90, IG90, Ino98d, Kit93, Kos95a, Kos95c, Kos95d, Kos95f, Kru97d, Kru97g, Kru97h, Kru97i, Kru97j, Kuk93d, Lio93a, LP90c, MF94a, Mé96, Mey99e, Mie91e, Mie91g, Mie91j, Miz92, Mon91b, Not90, OS90, Phà91, Pil94b, Pil99e, Pom98d, Pul96, Rei91a, Rei91b, Rut97i, Sch90j, Sch90s, Sch90v, Sch90w, Sob90, Van96a, Van96f,

Van96e, Van96j, Wal91b, Źoł90]. **Szego** [Dur90d]. **Szemerédi** [McC99g].

**table** [BK94, CFJ<sup>+</sup>92, FS90a]. **Tables** [KLGP97m, KLGP97n, Lun92].  
**Tabulation** [CM97i]. **tails** [ELY97]. **take** [Shi96]. **Takesaki** [Ino98f].  
**Talagrand** [JS91b]. **Talk** [Ada90]. **Tame** [Erd90e, Erd90k, Erd90j].  
**Tangent** [IK99j, HN93g, KPR90]. **Tangential** [Her94k, Joh90]. **Taniguchi** [NO91]. **Tarry** [RS90a]. **Tate** [Cri90, Hub95u, Kol91]. **tautness** [MORT91].  
**Taylor** [Oka90]. **Tbilisi** [Ina90a]. **technical** [Tay92, Wah95g]. **Technique** [GE98c, GE98b, MT91b]. **techniques** [Cen91, Foi91, Fro91, Man97h, RG96a].  
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**Wave** [KF93, Nie91c, Nie91j, Rug96, Col92g, Hel98, Kar97a, Kit93, Lie93e,

Nie91e, Nie91h, Oka90]. **wavelet** [Chu93]. **Wavelets**

[Dav91c, Dav91d, Lem90d, Mit94d, Ber98a, Mic93, Mit94e, Lem90c]. **waves** [Bab92, Boi96, Mie91a, Woy98h]. **way** [Dob93]. **Weak** [Kos95g, KP96b, KP96c, May90, Sar92, Wan91b, Xia92, AFL90, AHJLP90, Bal91, BM90d, Cor91, Hu96, pL91, Mor93a, Neu97o, Phe93j, Sch90f, Sch90j, Smi90, Wie92]. **weak-Gordon** [Bal91]. **Weakly** [AS98h, HFS94g, KO91, Vai93c, Fro91, Vai93i]. **Wedge** [CL99a]. **wedges** [HN93g]. **Week** [ASMS90]. **Weierstrass** [GL92]. **Weight** [Tot94f, KZ92e, Mat90b, Oda90b, Pet92, Xi94a]. **Weighted** [Cha91m, GE98c, Lam92, LN91, Lou91a, Pan91a, Tot94f, Fre90, Hu91, I90, LS91, Shu98b, Van91, WY92]. **Weights** [KZ92f, Bäd90, Fre91g, Ino98e, Tot94b, Tot94c, Tot94e, Vos92]. **Weil** [Gol94, Kat93a, NZ99b, Sch94t, Shi91b]. **Well** [DZ93j, DZ93i, DZ93g, DZ93h, deL94u, DZ93a, DZ93b, DZ93c, DZ93d, DZ93f, Tam90, deL94s]. **Well-Posed** [DZ93g]. **Well-posedness** [DZ93j, DZ93i, DZ93h, deL94u, DZ93a, DZ93b, DZ93c, DZ93d, DZ93f, deL94s]. **Wellposedness** [XL98j, XL98h]. **Weyl** [Lan91c, MZ90, Nie91k, Win90, Xi94b, Xi94c, Xi94e]. **where** [Win95b, Win95c]. **which** [Ari91, GJ91, HWW93b, HWW93a, JPA97, Jan93, Kac91, Met91f]. **White** [Oba94e, Oba94f, Oba94g, Sch93h, Sch93g, Sch93e]. **Whitehead** [Rut97u]. **Whitney** [BHS96c]. **Whitney-smooth** [BHS96c]. **Whittaker** [Oda90a]. **Wick** [Nie91k]. **wide** [Sve93]. **wide-sense** [Sve93]. **Width** [KLGP97g, KLGP97d, KLGP97o]. **widths** [BT93, Par93]. **Wiener** [MY91, FF97, KÜ90a, Kry95, Led90, Lim90, LP91, MWNP92, NÜZ90, Nua98, Sch99, Üst95b, Üst95e, Üst95h, ÜZ97, Wat90, Wil95, Yan91a]. **Wilcoxon** [FT93]. **Wild** [vdPS97m]. **Wilson** [Met91c, NM92]. **winding** [KB96g]. **windings** [BW94a, Kni93, Shi94]. **without** [Coa99, Fin90, Gre92d, Kum90]. **Witt** [Cri90]. **Witten** [Moo96a, Moo96b]. **Work** [Dwo90, Ada90]. **Workshop** [AvW90, BS90c, KÜ90b, ST92c, TBR91]. **Workshops** [Kul92]. **world** [Pla90]. **Worst** [Yuk98l]. **Wreath** [BMMN98q, Dün92]. **wtt** [HS90a]. **wtt-degrees** [HS90a].

**XIX** [BPSH91]. **XVIII** [Hen90a]. **XX** [Hen92]. **XXI** [Hen93]. **XXII** [BGM94]. **XXIII** [Ber95]. **XXIV** [AYM90, Ber96]. **XXIX** [AEMY95]. **XXV** [Ber98b, AYM91]. **XXVI** [GGSC97, AYM92]. **XXVII** [Ber99a, AYM93]. **XXVIII** [AYM94]. **XXX** [AYE96]. **XXXI** [AYE97]. **XXXII** [AYÉL98]. **XXXIII** [AÉLY99].

**Yan** [AS90c]. **Yang** [Ste90b, Ge92, GR92, Mor90b]. **Yangians** [Naz92, Ol'92]. **Years** [LW90b, Kne92, Pre96, Sch92a]. **Yor** [Leu96, Mey94]. **Yoshida** [Böc90]. **Yosida** [Kom93a, deL94c]. **Young** [Val90b, DN99b].

**Zariski** [Mar98, Sch94s]. **Zero** [Göt94d, Cas92, DP91f, IK99d, IK99e, Pri93, Sch90a, Tho90a, Xue90]. **Zero-Dimensional** [Göt94d, IK99d, IK99e]. **zeroes**

[Fit93, GH90]. **zeros** [Clu92, Fuj90a, HYL91a, VC90, SN90]. **zeta** [AS90b, CPS90, Fuj90a, Mat90c, Meu90, Pan91i, Rei97d]. **zeta-functions** [Mat90c]. **Zonal** [UT92]. **zoom** [Del91a]. **Zq** [BF93b]. **Zq-equivariant** [BF93b]. **zur** [Hla90]. **Zygmund** [Han91].

## References

**Arneodo:1990:TOR**

- [AAG90] A. Arneodo, F. Argoul, and G. Grasseau. Transformation en ondelettes et renormalisation. (French) []. *Lecture Notes in Mathematics*, 1438:125–191, 1990. CODEN LNMAA2. ISBN 3-540-52932-2 (print), 3-540-47179-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083519/>.

**Andradas:1990:NRS**

- [AB90a] C. Andradas and E. Becker. A note on the real spectrum of analytic functions on an analytic manifold of dimension one. *Lecture Notes in Mathematics*, 1420:1–21, 1990. CODEN LNMAA2. ISBN 3-540-52313-8 (print), 3-540-46952-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083907/>.

**Ash:1990:GMS**

- [AB90b] Avner Ash and Armand Borel. Generalized modular symbols. *Lecture Notes in Mathematics*, 1447:57–75, 1990. CODEN LNMAA2. ISBN 3-540-53422-9 (print), 3-540-46876-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085726/>.

**Arnold:1991:ANT**

- [AB91] Ludwig Arnold and Petra Boxler. Additive noise turns a hyperbolic fixed point into a stationary solution. *Lecture Notes in Mathematics*, 1486:159–164, 1991. CODEN LNMAA2. ISBN 3-540-54662-6 (print), 3-540-46431-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086665/>.

**Attal:1995:QFT**

- [ABÉH95] S. Attal, K. Burdzy, M. Émery, and Y. Hu. Sur quelques filtrations et transformations browniennes. (French) []. *Lecture Notes in Mathematics*, 1613:56–69, 1995. CODEN LNMAA2. ISBN

3-540-60219-4 (print), 3-540-44744-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094200/>.

**Abramenko:1996:FPC**

- [Abr96a] Peter Abramenko. Finiteness properties of classical  $F_q$  over  $F_q[t]$ . *Lecture Notes in Mathematics*, 1641:107–114, 1996. CODEN LNMAA2. ISBN 3-540-61973-9 (print), 3-540-49570-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094083/>.

**Abramenko:1996:GAT**

- [Abr96b] Peter Abramenko. Groups acting on twin buildings. *Lecture Notes in Mathematics*, 1641:11–55, 1996. CODEN LNMAA2. ISBN 3-540-61973-9 (print), 3-540-49570-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094081/>.

**Abramenko:1996:HP**

- [Abr96c] Peter Abramenko. Homotopy properties of  $\oint \Delta^0(a) \oint$ . *Lecture Notes in Mathematics*, 1641:56–106, 1996. CODEN LNMAA2. ISBN 3-540-61973-9 (print), 3-540-49570-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094082/>.

**Abramenko:1996:I**

- [Abr96d] Peter Abramenko. Introduction. *Lecture Notes in Mathematics*, 1641:1–10, 1996. CODEN LNMAA2. ISBN 3-540-61973-9 (print), 3-540-49570-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094080/>.

**Abramenko:1996:TBA**

- [Abr96e] Peter Abramenko. *Twin Buildings and Applications to S-Arithmetic Groups*, volume 1641 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1996. CODEN LNMAA2. ISBN 3-540-61973-9 (print), 3-540-49570-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). x + 123 pp. LCCN QA3 .L28 no. 1641. URL <http://link.springer.com/book/10.1007/BFb0094079>; <http://www.springerlink.com/content/978-3-540-49570-3>.

**Andreatta:1992:PMC**

- [ABW92] M. Andreatta, E. Ballico, and J. Wiśniewski. Projective manifolds containing large linear subspaces. *Lecture Notes in Mathematics*, 1515:1–11, 1992. CODEN LNMAA2. ISBN 3-540-55295-2 (print), 3-540-47016-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0098333/>.

**Arnold:1991:RDS**

- [AC91] Ludwig Arnold and Hans Crauel. Random dynamical systems. *Lecture Notes in Mathematics*, 1486:1–22, 1991. CODEN LNMAA2. ISBN 3-540-54662-6 (print), 3-540-46431-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086654/>.

**Aguade:1992:ATH**

- [ACC92] Jaume Aguadé, Manuel Castellet, and Frederick Ronald Cohen, editors. *Algebraic Topology Homotopy and Group Cohomology: Proceedings of the 1990 Barcelona Conference on Algebraic Topology, held in S. Feliu de Guíxols, Spain, June 6–12, 1990*, volume 1509 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1992. CODEN LNMAA2. ISBN 3-540-55195-6 (print), 3-540-46772-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1509. URL <http://link.springer.com/book/10.1007/BFb0087495>; <http://www.springerlink.com/content/978-3-540-46772-4>.

**Accola:1994:ARSa**

- [Acc94a] Robert D. M. Accola. Automorphisms of Riemann surfaces, I. *Lecture Notes in Mathematics*, 1595:42–51, 1994. CODEN LNMAA2. ISBN 3-540-58721-7 (print), 3-540-49056-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073580/>.

**Accola:1994:ARSb**

- [Acc94b] Robert D. M. Accola. Automorphisms of Riemann surfaces, II;  $N(p)$ . *Lecture Notes in Mathematics*, 1595:74–98, 1994. CODEN LNMAA2. ISBN 3-540-58721-7 (print), 3-540-49056-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073582/>.

**Accola:1994:ICS**

- [Acc94c] Robert D. M. Accola. The inequality of Castelnuovo–Severi. *Lecture Notes in Mathematics*, 1595:20–29, 1994. CODEN LNMAA2. ISBN 3-540-58721-7 (print), 3-540-49056-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073578/>.

**Accola:1994:RSB**

- [Acc94d] Robert D. M. Accola. Review of some basic concepts in the theory of Riemann surfaces. *Lecture Notes in Mathematics*, 1595:1–12, 1994. CODEN LNMAA2. ISBN 3-540-58721-7 (print), 3-540-49056-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073576/>.

**Accola:1994:SBC**

- [Acc94e] Robert D. M. Accola. Smooth and branched coverings of Riemann surfaces. *Lecture Notes in Mathematics*, 1595:30–41, 1994. CODEN LNMAA2. ISBN 3-540-58721-7 (print), 3-540-49056-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073579/>.

**Accola:1994:SEP**

- [Acc94f] Robert D. M. Accola. Some exceptional points on Riemann surfaces. *Lecture Notes in Mathematics*, 1595:13–19, 1994. CODEN LNMAA2. ISBN 3-540-58721-7 (print), 3-540-49056-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073577/>.

**Accola:1994:TTR**

- [Acc94g] Robert D. M. Accola. *Topics in the Theory of Riemann Surfaces*, volume 1595 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1994. CODEN LNMAA2. ISBN 3-540-58721-7 (print), 3-540-49056-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). x + 105 pp. LCCN QA3 .L28 no. 1595. URL <http://link.springer.com/book/10.1007/BFb0073575>; <http://www.springerlink.com/content/978-3-540-49056-2>.

**Accola:1994:WFP**

- [Acc94h] Robert D. M. Accola. When are fixed points of automorphisms exceptional in some other sense? *Lecture Notes in Mathematics*, 1595:52–73, 1994. CODEN LNMAA2. ISBN 3-540-58721-7

(print), 3-540-49056-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073581/>.

**Arnold:1991:LEP**

- [ACE91] Ludwig Arnold, Hans Crauel, and Jean-Pierre Eckmann, editors. *Lyapunov Exponents: Proceedings of a Conference held in Oberwolfach, May 28–June 2, 1990*, volume 1486 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1991. CODEN LNMAA2. ISBN 3-540-54662-6 (print), 3-540-46431-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1486. URL <http://link.springer.com/book/10.1007/BFb0086653>; <http://www.springerlink.com/content/978-3-540-46431-0>.

**Arbarello:1990:GAK**

- [AD90] Enrico Arbarello and Corrado De Concini. Geometrical aspects of the Kadomtsev–Petviashvili equation. *Lecture Notes in Mathematics*, 1451:95–137, 1990. CODEN LNMAA2. ISBN 3-540-53286-2 (print), 3-540-46813-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085066/>.

**Adams:1990:TTW**

- [Ada90] J. F. Adams. Talk on Toda’s work. *Lecture Notes in Mathematics*, 1418:7–14, 1990. CODEN LNMAA2. ISBN 3-540-52246-8 (print), 3-540-46938-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083688/>; <http://link.springer.com/chapter/10.1007/BFb0083689/>.

**Adem:1992:GCF**

- [Ade92] Alejandro Adem. On the geometry and cohomology of finite simple groups. *Lecture Notes in Mathematics*, 1509:1–9, 1992. CODEN LNMAA2. ISBN 3-540-55195-6 (print), 3-540-46772-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0087496/>.

**Axelsson:1990:ARP**

- [AE90] O. Axelsson and V. Eijkhout. Analysis of a recursive 5-point/9-point factorization method. *Lecture Notes in Mathematics*, 1457:154–173, 1990. CODEN LNMAA2. ISBN 3-540-53515-2 (print),

3-540-46746-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0090907/>.

**Aikawa:1996:PTS**

- [AE96] Hiroaki Aikawa and Matts Essén. *Potential Theory — Selected Topics*, volume 1633 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1996. CODEN LNMAA2. ISBN 3-540-61583-0 (print), 3-540-69991-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). x + 200 pp. LCCN QA3 .L28 no. 1633. URL <http://link.springer.com/book/10.1007/BFb0093410>; <http://www.springerlink.com/content/978-3-540-69991-0>.

**Azema:1999:SPX**

- [AÉLY99] Jacques Azéma, Michel Émery, Michel Ledoux, and Marc Yor, editors. *Séminaire de Probabilités XXXIII*, volume 1709 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1999. CODEN LNMAA2. ISBN 3-540-66342-8 (print), 3-540-48407-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1709. URL <http://link.springer.com/book/10.1007/BFb0096508>; <http://www.springerlink.com/content/978-3-540-48407-3>.

**Azema:1995:SPX**

- [AEMY95] Jacques Azéma, Michel Emery, Paul André Meyer, and Marc Yor, editors. *Séminaire de Probabilités XXIX*, volume 1613 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1995. CODEN LNMAA2. ISBN 3-540-60219-4 (print), 3-540-44744-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1613. URL <http://link.springer.com/book/10.1007/BFb0094193>; <http://www.springerlink.com/content/978-3-540-44744-3>.

**Allouche:1990:AIF**

- [AFF90] J.-P. Allouche, P. Flajolet, and M. Mendes France. Algebraically independent formal power series: a language theory interpretation. *Lecture Notes in Mathematics*, 1434:11–18, 1990. CODEN LNMAA2. ISBN 3-540-52787-7 (print), 3-540-47147-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0097121/>.

**Accardi:1990:QLE**

- [AFL90] Luigi Accardi, Alberto Frigerio, and Yun-Gang Lu. Quantum Langevin equation in the weak coupling limit. *Lecture Notes in Mathematics*, 1442:1–16, 1990. CODEN LNMAA2. ISBN 3-540-53026-6 (print), 3-540-46311-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085499/>.

**Alekseev:1992:HQG**

- [AFSTS92] A. Alekseev, L. Faddeev, and M. Semenov-Tian-Shansky. Hidden quantum groups inside Kac-Moody algebras. *Lecture Notes in Mathematics*, 1510:148–158, 1992. CODEN LNMAA2. ISBN 3-540-55305-3 (print), 3-540-47020-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0101187/>.

**Alvarez-Gaume:1990:TCF**

- [AG90] L. Alvarez-Gaumé. Topics in conformal field theory and string theory. *Lecture Notes in Mathematics*, 1451:49–94, 1990. CODEN LNMAA2. ISBN 3-540-53286-2 (print), 3-540-46813-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085065/>.

**Alvarez-Gaume:1990:FM**

- [AGADH90] Luis Alvarez-Gaumé, Enrico Arbarello, Corrado De Concini, and Nigel J. Hitchin. Front matter. *Lecture Notes in Mathematics*, 1451:??, 1990. CODEN LNMAA2. ISBN 3-540-53286-2 (print), 3-540-46813-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/content/pdf/bfm:978-3-540-46813-4/1.pdf>.

**Accardi:1990:QSF**

- [AH90] L. Accardi and R. L. Hudson. Quantum stochastic flows and non abelian cohomology. *Lecture Notes in Mathematics*, 1442:54–69, 1990. CODEN LNMAA2. ISBN 3-540-53026-6 (print), 3-540-46311-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085501/>.

**Adleman:1992:A**

- [AH92a] Leonard M. Adleman and Ming-Deh A. Huang. Acknowledgement. *Lecture Notes in Mathematics*, 1512:4, 1992. CODEN

LNMAA2. ISBN 3-540-55308-8 (print), 3-540-47021-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0090187>.

**Adleman:1992:I**

- [AH92b] Leonard M. Adleman and Ming-Deh A. Huang. Introduction. *Lecture Notes in Mathematics*, 1512:1–3, 1992. CODEN LNMAA2. ISBN 3-540-55308-8 (print), 3-540-47021-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0090186/>.

**Adleman:1992:OAP**

- [AH92c] Leonard M. Adleman and Ming-Deh A. Huang. Overview of the algorithm and the proof of the main theorem. *Lecture Notes in Mathematics*, 1512:5–14, 1992. CODEN LNMAA2. ISBN 3-540-55308-8 (print), 3-540-47021-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0090188/>.

**Adleman:1992:PTA**

- [AH92d] Leonard M. Adleman and Ming-Deh A. Huang. *Primality Testing and Abelian Varieties Over Finite Fields*, volume 1512 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1992. CODEN LNMAA2. ISBN 3-540-55308-8 (print), 3-540-47021-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). viii + 142 pp. LCCN QA3 .L28 no. 1512. URL <http://link.springer.com/book/10.1007/BFb0090185>; <http://www.springerlink.com/content/978-3-540-47021-2>.

**Adleman:1992:PPa**

- [AH92e] Leonard M. Adleman and Ming-Deh A. Huang. Proof of proposition 1. *Lecture Notes in Mathematics*, 1512:21–109, 1992. CODEN LNMAA2. ISBN 3-540-55308-8 (print), 3-540-47021-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/BFb0090190/](http://link.springer.com/chapter/10.1007/BFb0090190).

**Adleman:1992:PPb**

- [AH92f] Leonard M. Adleman and Ming-Deh A. Huang. Proof of proposition 2. *Lecture Notes in Mathematics*, 1512:110–125, 1992. CODEN LNMAA2. ISBN 3-540-55308-8 (print), 3-540-47021-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/BFb0090191/](http://link.springer.com/chapter/10.1007/BFb0090191).

**Adleman:1992:PPc**

- [AH92g] Leonard M. Adleman and Ming-Deh A. Huang. Proof of proposition 3. *Lecture Notes in Mathematics*, 1512:126–136, 1992. CODEN LNMAA2. ISBN 3-540-55308-8 (print), 3-540-47021-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0090192/>.

**Adleman:1992:RMT**

- [AH92h] Leonard M. Adleman and Ming-Deh A. Huang. Reduction of main theorem to three propositions. *Lecture Notes in Mathematics*, 1512:15–21, 1992. CODEN LNMAA2. ISBN 3-540-55308-8 (print), 3-540-47021-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0090189/>.

**Al-Huzali:1990:WRI**

- [AHJLP90] Abdullah Al-Huzali, S. K. Jain, and S. R. López-Permouth. On the weak relative-injectivity of rings and modules. *Lecture Notes in Mathematics*, 1448:93–98, 1990. CODEN LNMAA2. ISBN 3-540-53164-5 (print), 3-540-46745-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0091254/>.

**Aikawa:1996:PTP**

- [Aik96] Hiroaki Aikawa. Potential theory part II. *Lecture Notes in Mathematics*, 1633:103–200, 1996. CODEN LNMAA2. ISBN 3-540-61583-0 (print), 3-540-69991-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093412/>.

**Aizenberg:1994:C**

- [Aiz94] L. A. Aizenberg.  $\mathbf{C}^n$ . *Lecture Notes in Mathematics*, 1574:339–382, 1994. CODEN LNMAA2. ISBN 3-540-57871-4 (print), 3-540-48368-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0101067/>.

**Azema:1996:PCT**

- [AJK<sup>+</sup>96] J. Azéma, T. Jeulin, F. Knight, G. Mokobodzki, and M. Yor. Sur les processus croissants de type injectif. (French) []. *Lecture Notes in Mathematics*, 1626:312–343, 1996. CODEN LNMAA2. ISBN 3-540-61336-6 (print), 3-540-68463-8 (e-book). ISSN 0075-8434

(print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094656/>.

**Azema:1993:TAF**

- [AJKY93] J. Azéma, T. Jeulin, F. Knight, and M. Yor. Le théorème d'arrêt en une fin d'ensemble prévisible. (French) []. *Lecture Notes in Mathematics*, 1557:133–158, 1993. CODEN LNMAA2. ISBN 3-540-57282-1 (print), 3-540-48034-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0087971/>.

**Arnold:1995:FM**

- [AJMR95] Ludwig Arnold, Christopher K. R. T. Jones, Konstantin Mischaikow, and Geneviève Raugel. Front matter. *Lecture Notes in Mathematics*, 1609:??, 1995. CODEN LNMAA2. ISBN 3-540-60047-7 (print), 3-540-49415-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/content/pdf/bfm:978-3-540-49415-7/1.pdf>.

**Axelsson:1990:PCG**

- [AK90] Owe Axelsson and Lily Yu. Kolotilina, editors. *Preconditioned Conjugate Gradient Methods: Proceedings of a Conference held in Nijmegen, The Netherlands, June 19–21, 1989*, volume 1457 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1990. CODEN LNMAA2. ISBN 3-540-53515-2 (print), 3-540-46746-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1457. URL <http://link.springer.com/book/10.1007/BFb0090897>; <http://www.springerlink.com/content/978-3-540-46746-5>.

**Akbulut:1992:CSR**

- [AK92] S. Akbulut and H. King. Constructing strange real algebraic sets. *Lecture Notes in Mathematics*, 1524:120–127, 1992. CODEN LNMAA2. ISBN 3-540-55992-2 (print), 3-540-47337-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084612/>.

**Akiyama:1990:CST**

- [Aki90] Shigeki Akiyama. On a certain sum of traces of Hecke operators. *Lecture Notes in Mathematics*, 1434:1–10, 1990. CODEN LNMAA2. ISBN 3-540-52787-7 (print), 3-540-47147-2 (e-book).

ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0097120/>.

**Accardi:1990:LDL**

- [AL90a] L. Accardi and Yun Gang Lu. On the low density limit of boson models. *Lecture Notes in Mathematics*, 1442:17–53, 1990. CODEN LNMAA2. ISBN 3-540-53026-6 (print), 3-540-46311-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085500/>.

**Axelsson:1990:IMD**

- [AL90b] O. Axelsson and W. Layton. Iteration method as discretization procedures. *Lecture Notes in Mathematics*, 1457:174–193, 1990. CODEN LNMAA2. ISBN 3-540-53515-2 (print), 3-540-46746-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0090908/>.

**Albert:1990:GSM**

- [Alb90] Claude Albert, editor. *Géométrie Symplectique et Mécanique: Colloque International La Grande Motte, France, 23–28 Mai, 1988*, volume 1416 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1990. CODEN LNMAA2. ISBN 3-540-52191-7 (print), 3-540-46920-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1416. URL <http://link.springer.com/book/10.1007/BFb0097461>; <http://www.springerlink.com/content/978-3-540-46920-9>.

**Alber:1998:ATE**

- [Alb98a] Hans-Dieter Alber. Application of the theory to engineering models. *Lecture Notes in Mathematics*, 1682:117–136, 1998. CODEN LNMAA2. ISBN 3-540-64066-5 (print), 3-540-69689-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096281/>.

**Alber:1998:CC**

- [Alb98b] Hans-Dieter Alber. Classification conditions. *Lecture Notes in Mathematics*, 1682:75–97, 1998. CODEN LNMAA2. ISBN 3-540-64066-5 (print), 3-540-69689-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096279/>.

**Alber:1998:CEM**

- [Alb98c] Hans-Dieter Alber. Constitutive equations of monotone type and generalized standard materials. *Lecture Notes in Mathematics*, 1682:23–44, 1998. CODEN LNMAA2. ISBN 3-540-64066-5 (print), 3-540-69689-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096276/>.

**Alber:1998:ESC**

- [Alb98d] Hans-Dieter Alber. Existence of solutions for constitutive equations of monotone type. *Lecture Notes in Mathematics*, 1682: 45–56, 1998. CODEN LNMAA2. ISBN 3-540-64066-5 (print), 3-540-69689-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096277/>.

**Alber:1998:IBV**

- [Alb98e] Hans-Dieter Alber. Initial-boundary value problems for the inelastic behavior of metals. *Lecture Notes in Mathematics*, 1682: 7–22, 1998. CODEN LNMAA2. ISBN 3-540-64066-5 (print), 3-540-69689-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096275/>.

**Alber:1998:I**

- [Alb98f] Hans-Dieter Alber. Introduction. *Lecture Notes in Mathematics*, 1682:1–5, 1998. CODEN LNMAA2. ISBN 3-540-64066-5 (print), 3-540-69689-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096274/>.

**Alber:1998:MMI**

- [Alb98g] Hans-Dieter Alber. *Materials with Memory: Initial-Boundary Value Problems for Constitutive Equations with Internal Variables*, volume 1682 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1998. CODEN LNMAA2. ISBN 3-540-64066-5 (print), 3-540-69689-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). x + 166 pp. LCCN QA3 .L28 no. 1682. URL <http://link.springer.com/book/10.1007/BFb0096273>; <http://www.springerlink.com/content/978-3-540-69689-6>.

**Alber:1998:OPR**

- [Alb98h] Hans-Dieter Alber. Open problems and related results. *Lecture Notes in Mathematics*, 1682:137–142, 1998. CODEN LNMAA2. ISBN 3-540-64066-5 (print), 3-540-69689-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096282/>.

**Alber:1998:TIV**

- [Alb98i] Hans-Dieter Alber. Transformation of interior variables. *Lecture Notes in Mathematics*, 1682:57–73, 1998. CODEN LNMAA2. ISBN 3-540-64066-5 (print), 3-540-69689-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096278/>.

**Alber:1998:TRI**

- [Alb98j] Hans-Dieter Alber. Transformation of rate independent constitutive equations. *Lecture Notes in Mathematics*, 1682:99–116, 1998. CODEN LNMAA2. ISBN 3-540-64066-5 (print), 3-540-69689-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096280/>.

**Alexeev:1991:TAG**

- [Ale91] V. A. Alexeev. Theorems about good divisors on log Fano varieties (case of index  $r > (n - 2)$ ). *Lecture Notes in Mathematics*, 1479:1–9, 1991. CODEN LNMAA2. ISBN 3-540-54456-9 (print), 3-540-38388-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086258/>.

**Arkeryd:1993:FM**

- [ALMV93] Leif Arkeryd, Pierre-Louis Lions, Peter A. Markowich, and Srinivasa R. S. Varadhan. Front matter. *Lecture Notes in Mathematics*, 1551:??, 1993. CODEN LNMAA2. ISBN 3-540-56945-6 (print), 3-540-47832-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/content/pdf/bfm:978-3-540-47832-4/1.pdf>.

**Alperin:1990:LAF**

- [Alp90] J. L. Alperin. A Lie approach to finite groups. *Lecture Notes in Mathematics*, 1456:1–9, 1990. CODEN LNMAA2. ISBN 3-540-53475-X (print), 3-540-46900-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0100726/>.

**An-Min:1991:ACE**

- [AM91] Li An-Min. Affine completeness and Euclidean completeness. *Lecture Notes in Mathematics*, 1481:115–125, 1991. CODEN LNMAA2. ISBN 3-540-54728-2 (print), 3-540-46445-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083635/>.

**Amann:1991:HBQ**

- [Ama91] Herbert Amann. Hopf bifurcation in quasilinear reaction-diffusion systems. *Lecture Notes in Mathematics*, 1475:53–63, 1991. CODEN LNMAA2. ISBN 3-540-54120-9 (print), 3-540-47418-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083479/>.

**Amghibech:1998:CRE**

- [Amg98] S. Amghibech. Criteria of regularity at the end of a tree. *Lecture Notes in Mathematics*, 1686:128–136, 1998. CODEN LNMAA2. ISBN 3-540-64376-1 (print), 3-540-69762-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0101755/>.

**Araujo:1990:NBS**

- [AMM90] Jesús Araujo and J. Martínez-Maurica. The nonarchimedean Banach–Stone theorem. *Lecture Notes in Mathematics*, 1454:64–79, 1990. CODEN LNMAA2. ISBN 3-540-53477-6 (print), 3-540-46906-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0091134/>.

**Arrondo:1990:PSC**

- [AMS90] Enrique Arrondo, Raquel Mallavíbarrena, and Ignacio Sols. Proof of Schubert’s conjectures on double contacts. *Lecture Notes in Mathematics*, 1436:1–29, 1990. CODEN LNMAA2. ISBN 3-540-52811-3 (print), 3-540-47154-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084039/>.

**Adams:1991:SLS**

- [AMSV91] Malcolm R. Adams, Clint McCrory, Theodore Shifrin, and Robert Varley. Symmetric Lagrangian singularities and Gauss maps of theta divisors. *Lecture Notes in Mathematics*, 1462:1–26, 1991. CODEN LNMAA2. ISBN 3-540-53737-6 (print), 3-540-47060-3

(e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086371/>.

**Ancona:1990:TDP**

- [Anc90] A. Ancona. Théorie du potentiel sur les graphes et les variétés. (French) []. *Lecture Notes in Mathematics*, 1427:1–112, 1990. CODEN LNMAA2. ISBN 3-540-53508-X (print), 3-540-46718-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0103041/>.

**Andre:1990:ABL**

- [And90] Yves André.  $p$ -adic Betti lattices. *Lecture Notes in Mathematics*, 1454:23–63, 1990. CODEN LNMAA2. ISBN 3-540-53477-6 (print), 3-540-46906-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0091133/>.

**Andrzejewski:1991:EFO**

- [And91] Paweł Andrzejewski. Equivariant finiteness obstruction and its geometric applications — a survey. *Lecture Notes in Mathematics*, 1474:20–37, 1991. CODEN LNMAA2. ISBN 3-540-54098-9 (print), 3-540-47403-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084735/>.

**Anick:1990:LHT**

- [Ani90] David J. Anick.  $R$ -local homotopy theory. *Lecture Notes in Mathematics*, 1418:78–85, 1990. CODEN LNMAA2. ISBN 3-540-52246-8 (print), 3-540-46938-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083694/>.

**Anile:1991:MIR**

- [Ani91] A. M. Anile. Modeling intense relativistic electron beams. *Lecture Notes in Mathematics*, 1460:1–14, 1991. CODEN LNMAA2. ISBN 3-540-53545-4 (print), 3-540-46779-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0091357/>.

**Anshel:1990:TRG**

- [Ans90] Iris Lee Anshel. On two relator groups. *Lecture Notes in Mathematics*, 1440:1–21, 1990. CODEN LNMAA2. ISBN 3-540-52990-X

(print), 3-540-46296-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084445/>.

Ansel:1994:RPA

- [Ans94] Jean-Pascal Ansel. Remarques sur le prix des actifs contingents. (French) []. *Lecture Notes in Mathematics*, 1583:181–188, 1994. CODEN LNMAA2. ISBN 3-540-58331-9 (print), 3-540-48656-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073846/>.

Antanovskii:1992:AFB

- [Ant92] Leonid K. Antanovskii. Analyticity of a free boundary in plane quasi-steady flow of a liquid form subject to variable surface tension. *Lecture Notes in Mathematics*, 1530:1–16, 1992. CODEN LNMAA2. ISBN 3-540-56261-3 (print), 3-540-47498-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0090330/>.

Alekseevskii:1990:CLI

- [AP90] D. V. Alekseevskii and B. A. Putko. On the completeness of left-invariant pseudo-Riemannian metrics on Lie groups. *Lecture Notes in Mathematics*, 1453:171–185, 1990. CODEN LNMAA2. ISBN 3-540-53407-5 (print), 3-540-46861-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085954/>.

Allday:1991:SAS

- [AP91] C. Allday and V. Puppe. Some applications of shifted subgroups in transformation groups. *Lecture Notes in Mathematics*, 1474:1–19, 1991. CODEN LNMAA2. ISBN 3-540-54098-9 (print), 3-540-47403-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084734/>.

Abate:1994:CFG

- [AP94a] Marco Abate and Giorgio Patrizio. Complex Finsler geometry. *Lecture Notes in Mathematics*, 1591:63–125, 1994. CODEN LNMAA2. ISBN 3-540-58465-X (print), 3-540-48812-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073982/>.

**Abate:1994:FMG**

- [AP94b] Marco Abate and Giorgio Patrizio. *Finsler Metrics — a Global Approach: with applications to geometric function theory*, volume 1591 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1994. CODEN LNMAA2. ISBN 3-540-58465-X (print), 3-540-48812-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). ix + 180 pp. LCCN QA3 .L28 no. 1591. URL <http://link.springer.com/book/10.1007/BFb0073980>; <http://www.springerlink.com/content/978-3-540-48812-5>.

**Abate:1994:MCH**

- [AP94c] Marco Abate and Giorgio Patrizio. Manifolds with constant holomorphic curvature. *Lecture Notes in Mathematics*, 1591:127–170, 1994. CODEN LNMAA2. ISBN 3-540-58465-X (print), 3-540-48812-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073983>.

**Abate:1994:RFG**

- [AP94d] Marco Abate and Giorgio Patrizio. Real Finsler geometry. *Lecture Notes in Mathematics*, 1591:1–62, 1994. CODEN LNMAA2. ISBN 3-540-58465-X (print), 3-540-48812-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073981>.

**Applebaum:1990:QDI**

- [App90] David Applebaum. Quantum diffusions on involutive algebras. *Lecture Notes in Mathematics*, 1442:70–85, 1990. CODEN LNMAA2. ISBN 3-540-53026-6 (print), 3-540-46311-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085502>.

**Applebaum:1995:HLP**

- [App95] David Applebaum. A horizontal Lévy process on the bundle of orthonormal frames over a complete Riemannian manifold. *Lecture Notes in Mathematics*, 1613:166–180, 1995. CODEN LNMAA2. ISBN 3-540-60219-4 (print), 3-540-44744-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094209>.

[Apt93]

A. I. Aptekarev. A direct proof for Trefethen's conjecture. *Lecture Notes in Mathematics*, 1550:147–148, 1993. CODEN LNMAA2. ISBN 3-540-56931-6 (print), 3-540-47792-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0117479>.

**Aptekarev:1993:DPT**

[AR91]

Jiří Adámek and Jiří Rosický. What are locally generated categories? *Lecture Notes in Mathematics*, 1488:14–19, 1991. CODEN LNMAA2. ISBN 3-540-54706-1 (print), 3-540-46435-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084209/>.

**Adámek:1991:WLG**

[AR92]

Carlos Andradas and Jesús M. Ruíz. More on basic semialgebraic sets. *Lecture Notes in Mathematics*, 1524:128–139, 1992. CODEN LNMAA2. ISBN 3-540-55992-2 (print), 3-540-47337-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084613/>.

**Andradas:1992:MBS**

[AR94]

Jacques Azéma and Catherine Rainer. Sur l'équation de structure  $d[X, X]_t = dt - X_{t-}^+ dX_t$ . (French) []. *Lecture Notes in Mathematics*, 1583:236–255, 1994. CODEN LNMAA2. ISBN 3-540-58331-9 (print), 3-540-48656-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073849/>.

**Azéma:1994:ESF**

[AR96a]

Allan Adler and Sundararaman Ramanan. Geometry and arithmetic of the fundamental relations. *Lecture Notes in Mathematics*, 1644:52–76, 1996. CODEN LNMAA2. ISBN 3-540-62023-0 (print), 3-540-49609-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093664/>.

**Adler:1996:GAF**

[AR96b]

Allan Adler and Sundararaman Ramanan. Heisenberg groups of line bundles on abelian varieties. *Lecture Notes in Mathematics*, 1644:18–30, 1996. CODEN LNMAA2. ISBN 3-540-62023-0

**Adler:1996:HGL**

(print), 3-540-49609-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093662/>.

**Adler:1996:I**

- [AR96c] Allan Adler and Sundararaman Ramanan. Introduction. *Lecture Notes in Mathematics*, 1644:1–7, 1996. CODEN LNMAA2. ISBN 3-540-62023-0 (print), 3-540-49609-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093660/>.

**Adler:1996:ITA**

- [AR96d] Allan Adler and Sundararaman Ramanan. Invariant theory, arithmetic and vector bundles. *Lecture Notes in Mathematics*, 1644: 77–106, 1996. CODEN LNMAA2. ISBN 3-540-62023-0 (print), 3-540-49609-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093665/>.

**Adler:1996:MAV**

- [AR96e] Allan Adler and Sundararaman Ramanan. *Moduli of Abelian Varieties*, volume 1644 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1996. CODEN LNMAA2. ISBN 3-540-62023-0 (print), 3-540-49609-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). vi + 196 pp. LCCN QA3 .L28 no. 1644. URL <http://link.springer.com/book/10.1007/BFb0093659>; <http://www.springerlink.com/content/978-3-540-49609-0>.

**Adler:1996:SHG**

- [AR96f] Allan Adler and Sundararaman Ramanan. Standard Heisenberg groups. *Lecture Notes in Mathematics*, 1644:8–17, 1996. CODEN LNMAA2. ISBN 3-540-62023-0 (print), 3-540-49609-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/BFb0093661/](http://link.springer.com/chapter/10.1007/BFb0093661).

**Adler:1996:TSA**

- [AR96g] Allan Adler and Sundararaman Ramanan. Theta structures and the addition formula. *Lecture Notes in Mathematics*, 1644:31–51, 1996. CODEN LNMAA2. ISBN 3-540-62023-0 (print), 3-540-49609-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/BFb0093663/](http://link.springer.com/chapter/10.1007/BFb0093663).

**Arapura:1991:FMF**

- [Ara91] Donu Arapura. Fano maps and fundamental groups. *Lecture Notes in Mathematics*, 1479:10–14, 1991. CODEN LNMAA2. ISBN 3-540-54456-9 (print), 3-540-38388-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086259/>.

**Arbarello:1999:SBS**

- [Arb99] Enrico Arbarello. Supplementary bibliography on the Schottky problem. *Lecture Notes in Mathematics*, 1358:301–304, 1999. CODEN LNMAA2. ISBN 3-540-63293-X (print), 3-540-46021-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-540-46021-3\\_7/](http://link.springer.com/chapter/10.1007/978-3-540-46021-3_7/).

**Arino:1991:MSF**

- [Ari91] Ovide Arino. Monotone semi-flows which have a monotone first integral. *Lecture Notes in Mathematics*, 1475:64–75, 1991. CODEN LNMAA2. ISBN 3-540-54120-9 (print), 3-540-47418-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083480/>.

**Arkowitz:1990:GSH**

- [Ark90a] Martin Arkowitz. The group of self-homotopy equivalences — a survey. *Lecture Notes in Mathematics*, 1425:170–203, 1990. CODEN LNMAA2. ISBN 3-540-52658-7 (print), 3-540-47091-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083840/>.

**Arkowitz:1990:WHS**

- [Ark90b] Martin Arkowitz. When is the homotopy set  $[X, Y]$  infinite? *Lecture Notes in Mathematics*, 1440:22–26, 1990. CODEN LNMAA2. ISBN 3-540-52990-X (print), 3-540-46296-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084446/>.

**Arkeryd:1993:SEN**

- [Ark93] L. Arkeryd. Some examples of NSA methods in kinetic theory. *Lecture Notes in Mathematics*, 1551:14–57, 1993. CODEN LNMAA2. ISBN 3-540-56945-6 (print), 3-540-47832-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0090928/>.

**Arnaudon:1992:CMG**

- [Arn92] Marc Arnaudon. Connexions et martingales dans les groupes de Lie. (French) []. *Lecture Notes in Mathematics*, 1526:146–156, 1992. CODEN LNMAA2. ISBN 3-540-56021-1 (print), 3-540-47342-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084317/>.

**Arnaudon:1993:PAS**

- [Arn93] Marc Arnaudon. Propriétés asymptotiques des semi-martingales à valeurs dans des variétés à bord continu. (French) []. *Lecture Notes in Mathematics*, 1557:182–201, 1993. CODEN LNMAA2. ISBN 3-540-57282-1 (print), 3-540-48034-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0087975/>.

**Arnaudon:1995:BCA**

- [Arn95a] Marc Arnaudon. Barycentres convexes et approximations des martingales continues dans les variétés. (French) []. *Lecture Notes in Mathematics*, 1613:70–85, 1995. CODEN LNMAA2. ISBN 3-540-60219-4 (print), 3-540-44744-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094201/>.

**Arnold:1995:RDS**

- [Arn95b] Ludwig Arnold. Random dynamical systems. *Lecture Notes in Mathematics*, 1609:1–43, 1995. CODEN LNMAA2. ISBN 3-540-60047-7 (print), 3-540-49415-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0095238/>.

**Arnaudon:1999:AEP**

- [Arn99] M. Arnaudon. Appendice à l'exposé précédent: La filtration naturelle du mouvement brownien indexé par  $\mathbf{R}$  dans une variété compacte. (French) []. *Lecture Notes in Mathematics*, 1709:304–314, 1999. CODEN LNMAA2. ISBN 3-540-66342-8 (print), 3-540-48407-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096519/>.

**Arslanov:1990:SDB**

- [Ars90] Marat M. Arslanov. On the structure of degrees below  $O'$ . *Lecture Notes in Mathematics*, 1432:23–32, 1990. CODEN LN-

MAA2. ISBN 3-540-52772-9 (print), 3-540-47142-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086111/>.

**Azema:1996:PMP**

- [ARY96] J. Azéma, C. Rainer, and M. Yor. Une propriété des martingales pures. (French) []. *Lecture Notes in Mathematics*, 1626: 243–254, 1996. CODEN LNMAA2. ISBN 3-540-61336-6 (print), 3-540-68463-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094652/>.

**Adolphson:1990:AEE**

- [AS90a] Alan Adolphson and Steven Sperber.  $p$ -adic estimates for exponential sums. *Lecture Notes in Mathematics*, 1454:11–22, 1990. CODEN LNMAA2. ISBN 3-540-53477-6 (print), 3-540-46906-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0091132/>.

**Allouche:1990:SDH**

- [AS90b] Jean-Paul Allouche and Jeffrey Shallit. Sums of digits and the Hurwitz zeta function. *Lecture Notes in Mathematics*, 1434:19–30, 1990. CODEN LNMAA2. ISBN 3-540-52787-7 (print), 3-540-47147-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0097122/>.

**Ansel:1990:QRT**

- [AS90c] Jean-Pascal Ansel and Christophe Stricker. Quelques remarques sur un théorème de Yan. (French) []. *Lecture Notes in Mathematics*, 1426:266–274, 1990. CODEN LNMAA2. ISBN 3-540-52694-3 (print), 3-540-47098-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083769/>.

**Arora:1992:TPS**

- [AS92] S. C. Arora and Sharda Sharma. On two-parameter semigroup of operators. *Lecture Notes in Mathematics*, 1511:147–153, 1992. CODEN LNMAA2. ISBN 3-540-55365-7 (print), 3-540-47041-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093808/>.

**Ansel:1993:DKW**

- [AS93a] J. P. Ansel and C. Stricker. Décomposition de Kunita–Watanabe. (French) []. *Lecture Notes in Mathematics*, 1557:30–32, 1993. CODEN LNMAA2. ISBN 3-540-57282-1 (print), 3-540-48034-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0087960/>.

**Ansel:1993:UEL**

- [AS93b] J. P. Ansel and C. Stricker. Unicité et existence de la loi minimale. (French) []. *Lecture Notes in Mathematics*, 1557:22–29, 1993. CODEN LNMAA2. ISBN 3-540-57282-1 (print), 3-540-48034-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0087959/>.

**Assing:1998:BCP**

- [AS98a] Sigurd Assing and Wolfgang M. Schmidt. Basic concepts and preparatory results. *Lecture Notes in Mathematics*, 1688:1–13, 1998. CODEN LNMAA2. ISBN 3-540-64465-2 (print), 3-540-69786-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096152/>.

**Assing:1998:CPS**

- [AS98b] Sigurd Assing and Wolfgang M. Schmidt. Classification of the points of the state space. *Lecture Notes in Mathematics*, 1688:15–25, 1998. CODEN LNMAA2. ISBN 3-540-64465-2 (print), 3-540-69786-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096153/>.

**Assing:1998:CCS**

- [AS98c] Sigurd Assing and Wolfgang M. Schmidt. Construction of continuous strong Markov processes. *Lecture Notes in Mathematics*, 1688:79–102, 1998. CODEN LNMAA2. ISBN 3-540-64465-2 (print), 3-540-69786-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096157/>.

**Assing:1998:CSMb**

- [AS98d] Sigurd Assing and Wolfgang M. Schmidt. *Continuous Strong Markov Processes in Dimension One: A stochastic calculus approach*, volume 1688 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK /

etc., 1998. CODEN LNMAA2. ISBN 3-540-64465-2 (print), 3-540-69786-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). xii + 137 pp. LCCN QA3 .L28 no. 1688. URL <http://link.springer.com/book/10.1007/BFb0096151>; <http://www.springerlink.com/content/978-3-540-69786-2>.

**Assing:1998:CSMa**

- [AS98e] Sigurd Assing and Wolfgang M. Schmidt. Continuous strong Markov semimartingales as solutions of stochastic differential equations. *Lecture Notes in Mathematics*, 1688:103–118, 1998. CODEN LNMAA2. ISBN 3-540-64465-2 (print), 3-540-69786-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096158/>.

**Assing:1998:OTF**

- [AS98f] Sigurd Assing and Wolfgang M. Schmidt. Occupation time formula. *Lecture Notes in Mathematics*, 1688:53–77, 1998. CODEN LNMAA2. ISBN 3-540-64465-2 (print), 3-540-69786-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096156/>.

**Assing:1998:SDC**

- [AS98g] Sigurd Assing and Wolfgang M. Schmidt. Semimartingale decomposition of continuous strong Markov semimartingales. *Lecture Notes in Mathematics*, 1688:33–52, 1998. CODEN LNMAA2. ISBN 3-540-64465-2 (print), 3-540-69786-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096155/>.

**Assing:1998:WAF**

- [AS98h] Sigurd Assing and Wolfgang M. Schmidt. Weakly additive functionals and time change of strong Markov processes. *Lecture Notes in Mathematics*, 1688:27–32, 1998. CODEN LNMAA2. ISBN 3-540-64465-2 (print), 3-540-69786-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096154/>.

**Ambos-Spies:1990:HPR**

- [ASHY90] Klaus Ambos-Spies, Steven Homer, and Dongping Yang. Honest polynomial reductions and exptally sets. *Lecture Notes in Mathematics*, 1432:1–22, 1990. CODEN LNMAA2. ISBN 3-540-52772-9 (print), 3-540-47142-1 (e-book). ISSN 0075-8434 (print), 1617-

9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086110/>.

**Ambos-Spies:1990:RTW**

- [ASMS90] Klaus Ambos-Spies, Gert H. Müller, and Gerald E. Sacks, editors. *Recursion Theory Week: Proceedings of a Conference held in Oberwolfach, FRG, March 19–25, 1989*, volume 1432 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1990. CODEN LNMAA2. ISBN 3-540-52772-9 (print), 3-540-47142-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1432. URL <http://link.springer.com/book/10.1007/BFb0086109>; <http://www.springerlink.com/content/978-3-540-47142-4>.

**Aston:1991:SLB**

- [Ast91] P. J. Aston. Scaling laws and bifurcation. *Lecture Notes in Mathematics*, 1463:1–21, 1991. CODEN LNMAA2. ISBN 3-540-53736-8 (print), 3-540-47047-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/BFb0085423/](http://link.springer.com/chapter/10.1007/BFb0085423).

**Arnaudon:1998:SSD**

- [AT98] Marc Arnaudon and Anton Thalmaier. Stability of stochastic differential equations in manifolds. *Lecture Notes in Mathematics*, 1686:188–214, 1998. CODEN LNMAA2. ISBN 3-540-64376-1 (print), 3-540-69762-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0101758/>.

**Atiyah:1990:HMG**

- [Ati90] Michael Atiyah. Hyperkähler manifolds. *Lecture Notes in Mathematics*, 1422:1–13, 1990. CODEN LNMAA2. ISBN 3-540-52434-7 (print), 3-540-46988-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/BFb0089400/](http://link.springer.com/chapter/10.1007/BFb0089400).

**Aubry:1992:RMC**

- [Aub92] Yves Aubry. Reed–Muller codes associated to projective algebraic varieties. *Lecture Notes in Mathematics*, 1518:4–17, 1992. CODEN LNMAA2. ISBN 3-540-55651-6 (print), 3-540-47267-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0087988/>.

**Audin:1990:HPV**

- [Aud90] Michèle Audin. Hamiltoniens périodiques sur les variétés symplectiques compactes de dimension 4. (French) []. *Lecture Notes in Mathematics*, 1416:1–25, 1990. CODEN LNMAA2. ISBN 3-540-52191-7 (print), 3-540-46920-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0097462/>.

**Avritzer:1990:HP**

- [AV90] D. Avritzer and I. Vainsencher.  $\text{Hilb}^4 P^2$ . *Lecture Notes in Mathematics*, 1436:30–59, 1990. CODEN LNMAA2. ISBN 3-540-52811-3 (print), 3-540-47154-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084040/>.

**Albrecht:1991:POP**

- [AV91] Felix Albrecht and Gabriele Villari. Periodic orbits of planar polynomial Liénard systems with a small parameter. *Lecture Notes in Mathematics*, 1475:41–52, 1991. CODEN LNMAA2. ISBN 3-540-54120-9 (print), 3-540-47418-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083478/>.

**Anderson:1992:CIQ**

- [AVV92] G. D. Anderson, M. K. Vamanamurthy, and M. Vuorinen. Conformal invariants, quasiconformal maps, and special functions. *Lecture Notes in Mathematics*, 1508:1–19, 1992. CODEN LNMAA2. ISBN 3-540-55418-1 (print), 3-540-47061-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094235/>.

**Accardi:1990:QPA**

- [AvW90] Luigi Accardi and Wilhelm von Waldenfels, editors. *Quantum Probability and Applications V: Proceedings of the Fourth Workshop, held in Heidelberg, FRG, Sept. 26–30, 1988*, volume 1442 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1990. CODEN LNMAA2. ISBN 3-540-53026-6 (print), 3-540-46311-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1442. URL <http://link.springer.com/book/10.1007/BFb0085497>; <http://www.springerlink.com/content/978-3-540-46311-5>.

**Azaïs:1997:OPS**

- [AW97] Jean-Marc Azaïs and Mario Wschebor. Oscillation presque sûre de martingales continues. (French) []. *Lecture Notes in Mathematics*, 1655:69–76, 1997. CODEN LNMAA2. ISBN 3-540-62634-4 (print), 3-540-68352-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0119293/>.

**Azema:1990:DPR**

- [AY90] J. Azéma and M. Yor. Dérivation par rapport au processus de Bessel. (French) []. *Lecture Notes in Mathematics*, 1426:210–226, 1990. CODEN LNMAA2. ISBN 3-540-52694-3 (print), 3-540-47098-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083767/>.

**Azema:1996:SPX**

- [AYE96] Jacques Azéma, Marc Yor, and Michel Emery, editors. *Séminaire de Probabilités XXX*, volume 1626 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1996. CODEN LNMAA2. ISBN 3-540-61336-6 (print), 3-540-68463-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1626. URL <http://link.springer.com/book/10.1007/BFb0094636>; <http://www.springerlink.com/content/978-3-540-68463-3>.

**Azema:1997:SPX**

- [AYE97] Jacques Azéma, Marc Yor, and Michel Emery, editors. *Séminaire de Probabilités XXXI*, volume 1655 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1997. CODEN LNMAA2. ISBN 3-540-62634-4 (print), 3-540-68352-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1655. URL <http://link.springer.com/book/10.1007/BFb0119286>; <http://www.springerlink.com/content/978-3-540-68352-0>.

**Azema:1998:SPX**

- [AYÉL98] Jacques Azéma, Marc Yor, Michel Émery, and Michel Ledoux, editors. *Séminaire de Probabilités XXXII*, volume 1686 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1998. CODEN LNMAA2. ISBN 3-540-64376-1 (print), 3-540-69762-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1686.

URL <http://link.springer.com/book/10.1007/BFb0101744>;  
<http://www.springerlink.com/content/978-3-540-69762-6>.

**Azema:1990:SPX**

- [AYM90] Jacques Azéma, Marc Yor, and Paul André Meyer, editors. *Séminaire de Probabilités XXIV 1988/89*, volume 1426 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1990. CODEN LNMAA2. ISBN 3-540-52694-3 (print), 3-540-47098-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1426. URL <http://link.springer.com/book/10.1007/BFb0083752>;  
<http://www.springerlink.com/content/978-3-540-47098-4>.

**Azema:1991:SPX**

- [AYM91] Jaques Azéma, Marc Yor, and Paul André Meyer, editors. *Séminaire de Probabilités XXV*, volume 1485 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1991. CODEN LNMAA2. ISBN 3-540-54616-2 (print), 3-540-38496-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1485. URL <http://link.springer.com/book/10.1007/BFb0100839>;  
<http://www.springerlink.com/content/978-3-540-38496-0>.

**Azema:1992:SPX**

- [AYM92] Jacques Azéma, Marc Yor, and Paul André Meyer, editors. *Séminaire de Probabilités XXVI*, volume 1526 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1992. CODEN LNMAA2. ISBN 3-540-56021-1 (print), 3-540-47342-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1526. URL <http://link.springer.com/book/10.1007/BFb0084305>;  
<http://www.springerlink.com/content/978-3-540-47342-8>.

**Azema:1993:SPX**

- [AYM93] Jacques Azéma, Marc Yor, and Paul André Meyer, editors. *Séminaire de Probabilités XXVII*, volume 1557 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1993. CODEN LNMAA2. ISBN 3-540-57282-1 (print), 3-540-48034-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1557.

URL <http://link.springer.com/book/10.1007/BFb0087956>;  
<http://www.springerlink.com/content/978-3-540-48034-1>.

**Azema:1994:SPX**

- [AYM94] Jacques Azéma, Marc Yor, and Paul André Meyer, editors. *Séminaire de Probabilités XXVIII*, volume 1583 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1994. CODEN LNMAA2. ISBN 3-540-58331-9 (print), 3-540-48656-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1583. URL <http://link.springer.com/book/10.1007/BFb0073829>;  
<http://www.springerlink.com/content/978-3-540-48656-5>.

**Azumaya:1990:LSS**

- [Azu90] Goro Azumaya. Locally split submodules and modules with perfect endomorphism rings. *Lecture Notes in Mathematics*, 1448: 1–6, 1990. CODEN LNMAA2. ISBN 3-540-53164-5 (print), 3-540-46745-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0091245/>.

**Bardelli:1994:ACH**

- [BA94] Fabio Bardelli and Alberto Albano, editors. *Algebraic Cycles and Hodge Theory: Lectures given at the 2nd Session of the Centro Internazionale Matematico Estivo (C.I.M.E.) held in Torino, Italy, June 21-29, 1993*, volume 1594 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1994. CODEN LNMAA2. ISBN 3-540-58692-X (print), 3-540-49046-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1594. URL <http://link.springer.com/book/10.1007/b52495>;  
<http://www.springerlink.com/content/978-3-540-49046-3>.

**Babelon:1992:LTL**

- [Bab92] O. Babelon. Liouville theory on the lattice and universal exchange algebra for Bloch waves. *Lecture Notes in Mathematics*, 1510:159–175, 1992. CODEN LNMAA2. ISBN 3-540-55305-3 (print), 3-540-47020-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0101188/>.

**Bădescu:1990:IDN**

- [Băd90] Lucian Bădescu. Infinitesimal deformations of negative weights and hyperplane sections. *Lecture Notes in Mathematics*, 1417: 1–22, 1990. CODEN LNMAA2. ISBN 3-540-52217-4 (print), 3-540-46934-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083329/>.

**Baesens:1991:NED**

- [Bae91] Claude Baesens. Noise effect on dynamic bifurcations: The case of a period-doubling cascade. *Lecture Notes in Mathematics*, 1493: 107–130, 1991. CODEN LNMAA2. ISBN 3-540-54900-5 (print), 3-540-46471-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085027/>.

**Bakry:1991:ISF**

- [Bak91] Dominique Bakry. Inégalités de Sobolev faibles: un critère  $\Gamma_2$ . (French) []. *Lecture Notes in Mathematics*, 1485:234–261, 1991. CODEN LNMAA2. ISBN 3-540-54616-2 (print), 3-540-38496-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0100859/>.

**Bakry:1994:LSU**

- [Bak94] Dominique Bakry. L’hypercontractivité et son utilisation en théorie des semigroupes. (French) []. *Lecture Notes in Mathematics*, 1581:1–114, 1994. CODEN LNMAA2. ISBN 3-540-58208-8 (print), 3-540-48568-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073872/>.

**Baldi:1990:LDF**

- [Bal90a] Paolo Baldi. Large deviations and the functional Lévy’s modulus for invariant diffusions. *Lecture Notes in Mathematics*, 1444: 193–203, 1990. CODEN LNMAA2. ISBN 3-540-53064-9 (print), 3-540-46596-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083616/>.

**Ballico:1990:SPS**

- [Bal90b] Edoardo Ballico. On  $k$ -spanned projective surfaces. *Lecture Notes in Mathematics*, 1417:23, 1990. CODEN LNMAA2. ISBN

3-540-52217-4 (print), 3-540-46934-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083330>.

**Ball:1991:NSW**

- [Bal91] Keith Ball. Normed spaces with a weak-Gordon–Lewis property. *Lecture Notes in Mathematics*, 1470:36–47, 1991. CODEN LNMAA2. ISBN 3-540-54206-X (print), 3-540-47493-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0090210/>.

**Ballico:1993:AAG**

- [Bal93] Edoardo Ballico, editor. *Arithmetic Algebraic Geometry: Lectures given at the 2nd Session of the Centro Internazionale Matematico Estivo (C.I.M.E.) held in Trento, Italy, June 24–July 2, 1991*, volume 1553 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1993. CODEN LNMAA2. ISBN 3-540-57110-8 (print), 3-540-47909-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1553. URL <http://link.springer.com/book/10.1007/BFb0084727>; <http://www.springerlink.com/content/978-3-540-47909-3>.

**Balser:1994:AO**

- [Bal94a] Werner Balser. Acceleration operators. *Lecture Notes in Mathematics*, 1582:41–52, 1994. CODEN LNMAA2. ISBN 3-540-58268-1 (print), 3-540-48594-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073569/>.

**Balser:1994:APS**

- [Bal94b] Werner Balser. Asymptotic power series. *Lecture Notes in Mathematics*, 1582:1–12, 1994. CODEN LNMAA2. ISBN 3-540-58268-1 (print), 3-540-48594-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073565/>.

**Balser:1994:CHT**

- [Bal94c] Werner Balser. Cauchy–Heine transform. *Lecture Notes in Mathematics*, 1582:33–40, 1994. CODEN LNMAA2. ISBN 3-540-58268-1 (print), 3-540-48594-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073568/>.

**Balser:1994:FSN**

- [Bal94d] Werner Balser. Formal solutions to non-linear ODE. *Lecture Notes in Mathematics*, 1582:83–101, 1994. CODEN LNMAA2. ISBN 3-540-58268-1 (print), 3-540-48594-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073572/>.

**Balser:1994:DPS**

- [Bal94e] Werner Balser. *From Divergent Power Series to Analytic Functions: Theory and Application of Multisummable Power Series*, volume 1582 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1994. CODEN LNMAA2. ISBN 3-540-58268-1 (print), 3-540-48594-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). x + 108 pp. LCCN QA3 .L28 no. 1582. URL <http://link.springer.com/book/10.1007/BFb0073564>; <http://www.springerlink.com/content/978-3-540-48594-0>.

**Balser:1994:LBT**

- [Bal94f] Werner Balser. Laplace and Borel transforms. *Lecture Notes in Mathematics*, 1582:13–22, 1994. CODEN LNMAA2. ISBN 3-540-58268-1 (print), 3-540-48594-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073566/>.

**Balser:1994:MPS**

- [Bal94g] Werner Balser. Multisummable power series. *Lecture Notes in Mathematics*, 1582:53–74, 1994. CODEN LNMAA2. ISBN 3-540-58268-1 (print), 3-540-48594-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073570/>.

**Balser:1994:SED**

- [Bal94h] Werner Balser. Some equivalent definitions of multisummability. *Lecture Notes in Mathematics*, 1582:75–81, 1994. CODEN LNMAA2. ISBN 3-540-58268-1 (print), 3-540-48594-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073571/>.

**Balser:1994:SPS**

- [Bal94i] Werner Balser. Summable power series. *Lecture Notes in Mathematics*, 1582:23–32, 1994. CODEN LNMAA2. ISBN 3-540-58268-

1 (print), 3-540-48594-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073567/>.

**Banaszczyk:1991:AST**

- [Ban91a] Wojciech Banaszczyk. *Additive Subgroups of Topological Vector Spaces*, volume 1466 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1991. CODEN LNMAA2. ISBN 3-540-53917-4 (print), 3-540-46396-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). viii + 178 pp. LCCN QA3 .L28 no. 1466. URL <http://link.springer.com/book/10.1007/BFb0089147>; <http://www.springerlink.com/content/978-3-540-46396-2>.

**Banaszczyk:1991:BT**

- [Ban91b] Wojciech Banaszczyk. The Bochner theorem. *Lecture Notes in Mathematics*, 1466:110–131, 1991. CODEN LNMAA2. ISBN 3-540-53917-4 (print), 3-540-46396-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/BFb0089151/](http://link.springer.com/chapter/10.1007/BFb0089151).

**Banaszczyk:1991:EG**

- [Ban91c] Wojciech Banaszczyk. Exotic groups. *Lecture Notes in Mathematics*, 1466:45–71, 1991. CODEN LNMAA2. ISBN 3-540-53917-4 (print), 3-540-46396-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/BFb0089149/](http://link.springer.com/chapter/10.1007/BFb0089149).

**Banaszczyk:1991:NG**

- [Ban91d] Wojciech Banaszczyk. Nuclear groups. *Lecture Notes in Mathematics*, 1466:72–109, 1991. CODEN LNMAA2. ISBN 3-540-53917-4 (print), 3-540-46396-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/BFb0089150/](http://link.springer.com/chapter/10.1007/BFb0089150).

**Banaszczyk:1991:PD**

- [Ban91e] Wojciech Banaszczyk. Pontryagin duality. *Lecture Notes in Mathematics*, 1466:132–167, 1991. CODEN LNMAA2. ISBN 3-540-53917-4 (print), 3-540-46396-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/BFb0089152/](http://link.springer.com/chapter/10.1007/BFb0089152).

**Banaszczyk:1991:P**

- [Ban91f] Wojciech Banaszczyk. Preliminaries. *Lecture Notes in Mathematics*, 1466:1–44, 1991. CODEN LNMAA2. ISBN 3-540-53917-4 (print), 3-540-46396-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0089148/>.

**Bandyopadhyaya:1992:EPP**

- [Ban92] Pradipta Bandyopadhyaya. Exposed points and points of continuity in closed bounded convex sets. *Lecture Notes in Mathematics*, 1511:120–127, 1992. CODEN LNMAA2. ISBN 3-540-55365-7 (print), 3-540-47041-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093805/>.

**Barchielli:1990:SMS**

- [Bar90a] Alberto Barchielli. Some Markov semigroups in quantum probability. *Lecture Notes in Mathematics*, 1442:86–98, 1990. CODEN LNMAA2. ISBN 3-540-53026-6 (print), 3-540-46311-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085503/>.

**Barnard:1990:OPC**

- [Bar90b] Roger W. Barnard. Open problems and conjectures in complex analysis. *Lecture Notes in Mathematics*, 1435:1–26, 1990. CODEN LNMAA2. ISBN 3-540-52768-0 (print), 3-540-47139-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0087893/>.

**Baron:1990:PSD**

- [Bar90c] G. Baron. On point sets with differences of distances not less than the minimum distance. *Lecture Notes in Mathematics*, 1452: 1–5, 1990. CODEN LNMAA2. ISBN 3-540-53408-3 (print), 3-540-46864-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096976/>.

**Bardelli:1992:ACC**

- [Bar92] Fabio Bardelli. Algebraic cohomology classes on some special threefolds. *Lecture Notes in Mathematics*, 1515:12–20, 1992. CODEN LNMAA2. ISBN 3-540-55295-2 (print), 3-540-47016-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0098334/>.

**Bartsch:1993:BEP**

- [Bar93a] Thomas Bartsch. Bifurcation for  $O(3)$ -equivariant problems. *Lecture Notes in Mathematics*, 1560:113–126, 1993. CODEN LNMAA2. ISBN 3-540-57378-X (print), 3-540-48099-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073867/>.

**Bartsch:1993:CGI**

- [Bar93b] Thomas Bartsch. Category and genus of infinite-dimensional representation spheres. *Lecture Notes in Mathematics*, 1560:30–52, 1993. CODEN LNMAA2. ISBN 3-540-57378-X (print), 3-540-48099-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073862/>.

**Bartsch:1993:CGC**

- [Bar93c] Thomas Bartsch. Category, genus and critical point theory with symmetries. *Lecture Notes in Mathematics*, 1560:8–29, 1993. CODEN LNMAA2. ISBN 3-540-57378-X (print), 3-540-48099-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073861/>.

**Bartsch:1993:EL**

- [Bar93d] Thomas Bartsch. The exit-length. *Lecture Notes in Mathematics*, 1560:96–112, 1993. CODEN LNMAA2. ISBN 3-540-57378-X (print), 3-540-48099-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073866/>.

**Bartsch:1993:I**

- [Bar93e] Thomas Bartsch. Introduction. *Lecture Notes in Mathematics*, 1560:1–7, 1993. CODEN LNMAA2. ISBN 3-540-57378-X (print), 3-540-48099-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073860/>.

**Bartsch:1993:LCI**

- [Bar93f] Thomas Bartsch. The length and Conley index theory. *Lecture Notes in Mathematics*, 1560:86–95, 1993. CODEN LNMAA2. ISBN 3-540-57378-X (print), 3-540-48099-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073865/>.

**Bartsch:1993:LS**

- [Bar93g] Thomas Bartsch. The length of  $G$ -spaces. *Lecture Notes in Mathematics*, 1560:53–71, 1993. CODEN LNMAA2. ISBN 3-540-57378-X (print), 3-540-48099-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073863/>.

**Bartsch:1993:LRS**

- [Bar93h] Thomas Bartsch. The length of representation spheres. *Lecture Notes in Mathematics*, 1560:72–85, 1993. CODEN LNMAA2. ISBN 3-540-57378-X (print), 3-540-48099-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073864/>.

**Bartsch:1993:MPS**

- [Bar93i] Thomas Bartsch. Multiple periodic solutions near equilibria of symmetric Hamiltonian systems. *Lecture Notes in Mathematics*, 1560:127–141, 1993. CODEN LNMAA2. ISBN 3-540-57378-X (print), 3-540-48099-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073868/>.

**Bartsch:1993:TMV**

- [Bar93j] Thomas Bartsch. *Topological Methods for Variational Problems with Symmetries*, volume 1560 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1993. CODEN LNMAA2. ISBN 3-540-57378-X (print), 3-540-48099-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). x + 152 pp. LCCN QA3 .L28 no. 1560. URL <http://link.springer.com/book/10.1007/BFb0073859>; <http://www.springerlink.com/content/978-3-540-48099-0>.

**Bardi:1997:SAV**

- [Bar97] Martino Bardi. Some applications of viscosity solutions to optimal control and differential games. *Lecture Notes in Mathematics*, 1660:44–97, 1997. CODEN LNMAA2. ISBN 3-540-62910-6 (print), 3-540-69043-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094295/>.

**Barlow:1998:DF**

- [Bar98] Martin T. Barlow. Diffusions on fractals. *Lecture Notes in Mathematics*, 1690:1–121, 1998. CODEN LNMAA2. ISBN 3-540-64620-5 (print), 3-540-69228-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092537/>.

**Bass:1990:PAB**

- [Bas90] Richard F. Bass. A probabilistic approach to the boundedness of singular integral operators. *Lecture Notes in Mathematics*, 1426: 15–40, 1990. CODEN LNMAA2. ISBN 3-540-52694-3 (print), 3-540-47098-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083754/>.

**Baues:1991:HCM**

- [Bau91] Hans Joachim Baues. On the homotopy category of Moore spaces and an old result of Barratt. *Lecture Notes in Mathematics*, 1474: 207–230, 1991. CODEN LNMAA2. ISBN 3-540-54098-9 (print), 3-540-47403-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084748/>.

**Baxendale:1991:IMN**

- [Bax91] Peter H. Baxendale. Invariant measures for nonlinear stochastic differential equations. *Lecture Notes in Mathematics*, 1486: 123–140, 1991. CODEN LNMAA2. ISBN 3-540-54662-6 (print), 3-540-46431-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086663/>.

**Baxter:1992:MPB**

- [Bax92] Martin Baxter. Markov processes on the boundary of the binary tree. *Lecture Notes in Mathematics*, 1526:210–224, 1992. CODEN LNMAA2. ISBN 3-540-56021-1 (print), 3-540-47342-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084323/>.

**Borwein:1990:RCM**

- [BB90] J. M. Borwein and P. B. Borwein. A remarkable cubic mean iteration. *Lecture Notes in Mathematics*, 1435:27–31, 1990. CODEN LNMAA2. ISBN 3-540-52768-0 (print), 3-540-47139-1 (e-book).

ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0087894/>.

**Baldassarri:1990:AAP**

- [BBD90] Francesco Baldassarri, Siegfried Bosch, and Bernard Dwork, editors. *p-adic Analysis: Proceedings of the International Conference held in Trento, Italy, May 29–June 2, 1989*, volume 1454 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1990. CODEN LNMAA2. ISBN 3-540-53477-6 (print), 3-540-46906-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1454. URL <http://link.springer.com/book/10.1007/BFb0091130>; <http://www.springerlink.com/content/978-3-540-46906-3>.

**Blazic:1991:SGL**

- [BBG91] Novica Blažić, Neda Bokan, and Peter Gilkey. The spectral geometry of the Laplacian and the conformal Laplacian for manifolds with boundary. *Lecture Notes in Mathematics*, 1481:5–17, 1991. CODEN LNMAA2. ISBN 3-540-54728-2 (print), 3-540-46445-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/BFb0083623/](http://link.springer.com/chapter/10.1007/BFb0083623).

**Berrick:1992:GSA**

- [BC92a] A. J. Berrick and Carles Casacuberta. Groups and spaces with all localizations trivial. *Lecture Notes in Mathematics*, 1509:20–29, 1992. CODEN LNMAA2. ISBN 3-540-55195-6 (print), 3-540-46772-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/BFb0087498/](http://link.springer.com/chapter/10.1007/BFb0087498).

**Block:1992:CNC**

- [BC92b] Louis Stuart Block and William Andrew Coppel. Chaotic and non-chaotic maps. *Lecture Notes in Mathematics*, 1513:121–166, 1992. CODEN LNMAA2. ISBN 3-540-55309-6 (print), 3-540-47023-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/BFb0084769/](http://link.springer.com/chapter/10.1007/BFb0084769).

**Block:1992:DOD**

- [BC92c] Louis Stuart Block and William Andrew Coppel. *Dynamics in One Dimension*, volume 1513 of *Lecture Notes in Mathematics*.

Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1992. CODEN LNMAA2. ISBN 3-540-55309-6 (print), 3-540-47023-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). 234 (est.) pp. LCCN QA3 .L28 no. 1513. URL <http://link.springer.com/book/10.1007/BFb0084762>; <http://www.springerlink.com/content/978-3-540-47023-6>.

**Block:1992:I**

- [BC92d] Louis Stuart Block and William Andrew Coppel. Introduction. *Lecture Notes in Mathematics*, 1513:1–3, 1992. CODEN LNMAA2. ISBN 3-540-55309-6 (print), 3-540-47023-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084763/>.

**Block:1992:MC**

- [BC92e] Louis Stuart Block and William Andrew Coppel. Maps of the circle. *Lecture Notes in Mathematics*, 1513:219–234, 1992. CODEN LNMAA2. ISBN 3-540-55309-6 (print), 3-540-47023-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084772/>.

**Block:1992:PO**

- [BC92f] Louis Stuart Block and William Andrew Coppel. Periodic orbits. *Lecture Notes in Mathematics*, 1513:5–23, 1992. CODEN LNMAA2. ISBN 3-540-55309-6 (print), 3-540-47023-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084764/>.

**Block:1992:TD**

- [BC92g] Louis Stuart Block and William Andrew Coppel. Topological dynamics. *Lecture Notes in Mathematics*, 1513:69–89, 1992. CODEN LNMAA2. ISBN 3-540-55309-6 (print), 3-540-47023-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084767/>.

**Block:1992:TDC**

- [BC92h] Louis Stuart Block and William Andrew Coppel. Topological dynamics (continued). *Lecture Notes in Mathematics*, 1513:91–119, 1992. CODEN LNMAA2. ISBN 3-540-55309-6 (print), 3-540-47023-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084768/>.

**Block:1992:TE**

- [BC92i] Louis Stuart Block and William Andrew Coppel. Topological entropy. *Lecture Notes in Mathematics*, 1513:189–218, 1992. CODEN LNMAA2. ISBN 3-540-55309-6 (print), 3-540-47023-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084771/>.

**Block:1992:T**

- [BC92j] Louis Stuart Block and William Andrew Coppel. Turbulence. *Lecture Notes in Mathematics*, 1513:25–46, 1992. CODEN LNMAA2. ISBN 3-540-55309-6 (print), 3-540-47023-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084765/>.

**Block:1992:TPO**

- [BC92k] Louis Stuart Block and William Andrew Coppel. Types of periodic orbits. *Lecture Notes in Mathematics*, 1513:167–188, 1992. CODEN LNMAA2. ISBN 3-540-55309-6 (print), 3-540-47023-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084770/>.

**Block:1992:UMH**

- [BC92l] Louis Stuart Block and William Andrew Coppel. Unstable manifolds and homoclinic points. *Lecture Notes in Mathematics*, 1513: 47–67, 1992. CODEN LNMAA2. ISBN 3-540-55309-6 (print), 3-540-47023-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084766/>.

**Bogenschütz:1992:ARF**

- [BC92m] Thomas Bogenschütz and Hans Crauel. The Abramov–Rokhlin formula. *Lecture Notes in Mathematics*, 1514:32–35, 1992. CODEN LNMAA2. ISBN 3-540-55444-0 (print), 3-540-47076-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0097526/>.

**Bertoin:1995:RGS**

- [BC95] Jean Bertoin and Ma.-Emilia Caballero. On the rate of growth of subordinators with slowly varying Laplace exponent. *Lecture Notes in Mathematics*, 1613:125–132, 1995. CODEN LNMAA2. ISBN 3-540-60219-4 (print), 3-540-44744-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094205/>.

**Ballico:1992:OP**

- [BCC92a] E. Ballico, C. Ciliberto, and F. Catanese. Open problems. *Lecture Notes in Mathematics*, 1515:140–146, 1992. CODEN LNMAA2. ISBN 3-540-55295-2 (print), 3-540-47016-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0098343/>.

**Ballico:1992:CIV**

- [BCC92b] Edoardo Ballico, Fabrizio Catanese, and Ciro Ciliberto, editors. *Classification of Irregular Varieties: Minimal Models and Abelian Varieties. Proceedings of a Conference held in Trento, Italy, 17–21 December, 1990*, volume 1515 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1992. CODEN LNMAA2. ISBN 3-540-55295-2 (print), 3-540-47016-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1515. URL <http://link.springer.com/book/10.1007/BFb0098332>; <http://www.springerlink.com/content/978-3-540-47016-8>.

**Braden:1992:ATF**

- [BCDS92] H. W. Braden, E. Corrigan, P. E. Dorey, and R. Sasaki. Affine Toda field theory: *S*-matrix vs perturbation. *Lecture Notes in Mathematics*, 1510:210–220, 1992. CODEN LNMAA2. ISBN 3-540-55305-3 (print), 3-540-47020-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0101191/>.

**Bardi:1997:FM**

- [BCE<sup>+</sup>97] Martino Bardi, Michael G. Crandall, Lawrence C. Evans, Halil Mete Soner, and Panagiotis E. Souganidis. Front matter. *Lecture Notes in Mathematics*, 1660:??, 1997. CODEN LNMAA2. ISBN 3-540-62910-6 (print), 3-540-69043-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/content/pdf/bfm:978-3-540-69043-6/1.pdf>.

**Bujalance:1990:RPC**

- [BCG90] Emilio Bujalance, Antonio F. Costa, and J. M. Gamboa. Real parts of complex algebraic curves. *Lecture Notes in Mathematics*, 1420:81–110, 1990. CODEN LNMAA2. ISBN 3-540-52313-8 (print), 3-540-46952-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083913/>.

**Bramley:1990:SPP**

- [BCMS90] R. Bramley, H.-C. Chen, U. Meier, and A. Sameh. On some parallel preconditioned CG schemes. *Lecture Notes in Mathematics*, 1457:17–27, 1990. CODEN LNMAA2. ISBN 3-540-53515-2 (print), 3-540-46746-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0090899/>.

**Bertoin:1994:CRW**

- [BD94] J. Bertoin and R. A. Doney. On conditioning random walks in an exponential family to stay nonnegative. *Lecture Notes in Mathematics*, 1583:116–121, 1994. CODEN LNMAA2. ISBN 3-540-58331-9 (print), 3-540-48656-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073840/>.

**Bloch:1991:AGP**

- [BDF91] Spencer Bloch, Igor. V. Dolgachev, and William Fulton, editors. *Algebraic Geometry: Proceedings of the US–USSR Symposium held in Chicago, June 20–July 14, 1989*, volume 1479 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1991. CODEN LNMAA2. ISBN 3-540-54456-9 (print), 3-540-38388-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1479. URL <http://link.springer.com/book/10.1007/BFb0086257>; <http://www.springerlink.com/content/978-3-540-38388-8>.

**Boillat:1996:FM**

- [BDLL96] Guy Boillat, Constantin M. Dafermos, Peter D. Lax, and Tai-Ping Liu. Front matter. *Lecture Notes in Mathematics*, 1640: ??, 1996. CODEN LNMAA2. ISBN 3-540-61907-0 (print), 3-540-49565-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/content/pdf/bfm:978-3-540-49565-9/1.pdf>.

**Burg:1990:SNR**

- [BDT90] Thomas B. Burg, Michael Drmota, and Robert F. Tichy. Some new results in summability theory. *Lecture Notes in Mathematics*, 1452:20–30, 1990. CODEN LNMAA2. ISBN 3-540-53408-3 (print), 3-540-46864-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096978/>.

**Bakry:1996:IGF**

- [BE96] Dominique Bakry and Mireille Echerbault. Sur les inégalités GKS. (French) []. *Lecture Notes in Mathematics*, 1626:178–206, 1996. CODEN LNMAA2. ISBN 3-540-61336-6 (print), 3-540-68463-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094648/>.

**Beauwens:1990:MIF**

- [Bea90] R. Beauwens. Modified incomplete factorization strategies. *Lecture Notes in Mathematics*, 1457:1–16, 1990. CODEN LNMAA2. ISBN 3-540-53515-2 (print), 3-540-46746-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0090898/>.

**Beauville:1992:ADP**

- [Bea92] Arnaud Beauville. Annulation du  $H^1$  pour les fibrés en droites plats. (French) []. *Lecture Notes in Mathematics*, 1507:1–15, 1992. CODEN LNMAA2. ISBN 3-540-55235-9 (print), 3-540-46786-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094507/>.

**Bellissard:1994:FM**

- [BEF<sup>+</sup>94] Jean Bellissard, Mirko Degli Esposti, Giovanni Forni, Sandro Graffi, Stefano Isola, and John N. Mather. Front matter. *Lecture Notes in Mathematics*, 1589:??, 1994. CODEN LNMAA2. ISBN 3-540-58416-1 (print), 3-540-48782-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/content/pdf/bfm:978-3-540-48782-1/1.pdf>.

**Bujalance:1990:AGCa**

- [BEGG90a] Emilio Bujalance, José Javier Etayo, José Manuel Gamboa, and Grzegorz Gromadzki. The automorphism group of compact Klein surfaces with one boundary component. *Lecture Notes in Mathematics*, 1439:138–152, 1990. CODEN LNMAA2. ISBN 3-540-52941-1 (print), 3-540-47180-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084983/>.

**Bujalance:1990:AGH**

- [BEGG90b] Emilio Bujalance, José Javier Etayo, José Manuel Gamboa, and Grzegorz Gromadzki. The automorphism group of hyperelliptic compact Klein surfaces with boundary. *Lecture Notes in*

*Mathematics*, 1439:153–164, 1990. CODEN LNMAA2. ISBN 3-540-52941-1 (print), 3-540-47180-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084984/>.

Bujalance:1990:AGCb

- [BEGG90c] Emilio Bujalance, José Javier Etayo, José Manuel Gamboa, and Grzegorz Gromadzki. *Automorphism Groups of Compact Bordered Klein Surfaces: A Combinatorial Approach*, volume 1439 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1990. CODEN LNMAA2. ISBN 3-540-52941-1 (print), 3-540-47180-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). xiv + 201 pp. LCCN QA3 .L28 no. 1439. URL <http://link.springer.com/book/10.1007/BFb0084977>; <http://www.springerlink.com/content/978-3-540-47180-6>.

Bujalance:1990:CGA

- [BEGG90d] Emilio Bujalance, José Javier Etayo, José Manuel Gamboa, and Grzegorz Gromadzki. Cyclic groups of automorphisms of compact Klein surfaces. *Lecture Notes in Mathematics*, 1439:60–97, 1990. CODEN LNMAA2. ISBN 3-540-52941-1 (print), 3-540-47180-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084981/>.

Bujalance:1990:KSO

- [BEGG90e] Emilio Bujalance, José Javier Etayo, José Manuel Gamboa, and Grzegorz Gromadzki. Klein surfaces as orbit spaces of NEC groups. *Lecture Notes in Mathematics*, 1439:21–37, 1990. CODEN LNMAA2. ISBN 3-540-52941-1 (print), 3-540-47180-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084979/>.

Bujalance:1990:KSG

- [BEGG90f] Emilio Bujalance, José Javier Etayo, José Manuel Gamboa, and Grzegorz Gromadzki. Klein surfaces with groups of automorphisms in prescribed families. *Lecture Notes in Mathematics*, 1439:98–137, 1990. CODEN LNMAA2. ISBN 3-540-52941-1 (print), 3-540-47180-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084982/>.

**Bujalance:1990:NNS**

- [BEGG90g] Emilio Bujalance, José Javier Etayo, José Manuel Gamboa, and Grzegorz Gromadzki. Normal NEC subgroups of NEC groups. *Lecture Notes in Mathematics*, 1439:38–59, 1990. CODEN LNMAA2. ISBN 3-540-52941-1 (print), 3-540-47180-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084980/>.

**Bujalance:1990:PR**

- [BEGG90h] Emilio Bujalance, José Javier Etayo, José Manuel Gamboa, and Grzegorz Gromadzki. Preliminary results. *Lecture Notes in Mathematics*, 1439:1–20, 1990. CODEN LNMAA2. ISBN 3-540-52941-1 (print), 3-540-47180-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084978/>.

**Behnke:1991:IDM**

- [Beh91] Kurt Behnke. On infinitesimal deformations of minimally elliptic singularities. *Lecture Notes in Mathematics*, 1462:27–41, 1991. CODEN LNMAA2. ISBN 3-540-53737-6 (print), 3-540-47060-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086372/>.

**Bekka:1991:RTT**

- [Bek91a] K. Bekka. *C-régularité et trivialité topologique*. (French) []. *Lecture Notes in Mathematics*, 1462:42–62, 1991. CODEN LNMAA2. ISBN 3-540-53737-6 (print), 3-540-47060-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086373/>.

**Bekkali:1991:A**

- [Bek91b] Mohamed Bekkali. Appendix. *Lecture Notes in Mathematics*, 1476:105–114, 1991. CODEN LNMAA2. ISBN 3-540-54121-7 (print), 3-540-47422-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0098403/>.

**Bekkali:1991:FA**

- [Bek91c] Mohamed Bekkali. Forcing axioms. *Lecture Notes in Mathematics*, 1476:23–60, 1991. CODEN LNMAA2. ISBN 3-540-54121-7 (print), 3-540-47422-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0098401/>.

**Bekkali:1991:M**

- [Bek91d] Mohamed Bekkali. Measurability in  $L[\mathbf{R}]$ . *Lecture Notes in Mathematics*, 1476:15–22, 1991. CODEN LNMAA2. ISBN 3-540-54121-7 (print), 3-540-47422-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0098400/>.

**Bekkali:1991:MMW**

- [Bek91e] Mohamed Bekkali. The method of minimal walks. *Lecture Notes in Mathematics*, 1476:61–104, 1991. CODEN LNMAA2. ISBN 3-540-54121-7 (print), 3-540-47422-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0098402/>.

**Bekkali:1991:NSR**

- [Bek91f] Mohamed Bekkali. Nonmeasurable sets of reals. *Lecture Notes in Mathematics*, 1476:1–13, 1991. CODEN LNMAA2. ISBN 3-540-54121-7 (print), 3-540-47422-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0098399/>.

**Bekkali:1991:TST**

- [Bek91g] Mohamed Bekkali. *Topics in Set Theory: Lebesgue Measurability, Large Cardinals, Forcing Axioms, Rho-functions*, volume 1476 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1991. CODEN LNMAA2. ISBN 3-540-54121-7 (print), 3-540-47422-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). viii + 120 pp. LCCN QA3 .L28 no. 1476. URL <http://link.springer.com/book/10.1007/BFb0098398>; <http://www.springerlink.com/content/978-3-540-47422-7>.

**Barlow:1998:ATT**

- [BÉK<sup>+</sup>98] M. T. Barlow, M. Émery, F. B. Knight, S. Song, and M. Yor. Autour d'un théorème de Tsirelson sur des filtrations browniennes et non browniennes. (French) []. *Lecture Notes in Mathematics*, 1686:264–305, 1998. CODEN LNMAA2. ISBN 3-540-64376-1 (print), 3-540-69762-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0101763/>.

**Belavkin:1990:QSC**

- [Bel90a] Viacheslav Belavkin. A quantum stochastic calculus in Fock space of input and output nondemolition processes. *Lecture Notes in Mathematics*, 1442:99–125, 1990. CODEN LNMAA2. ISBN 3-540-53026-6 (print), 3-540-46311-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085504/>.

**Belopolskaya:1990:SOP**

- [Bel90b] Ya. I. Belopol'skaya. Second-order parabolic equations in principal fibre bundles and associated vector bundles. *Lecture Notes in Mathematics*, 1453:187–200, 1990. CODEN LNMAA2. ISBN 3-540-53407-5 (print), 3-540-46861-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085955/>.

**Bertram:1991:SGM**

- [BEL91] A. Bertram, Lawrence Ein, and Robert Lazarsfeld. Surjectivity of Gaussian maps for line bundles of large degree on curves. *Lecture Notes in Mathematics*, 1479:15–25, 1991. CODEN LNMAA2. ISBN 3-540-54456-9 (print), 3-540-38388-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086260/>.

**Bellissard:1994:NCM**

- [Bel94] Jean Bellissard. Non commutative methods in semiclassical analysis. *Lecture Notes in Mathematics*, 1589:1–64, 1994. CODEN LNMAA2. ISBN 3-540-58416-1 (print), 3-540-48782-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0074074/>.

**Belili:1999:DDP**

- [Bel99] Nacereddine Belili. Dualité du problème des marges et ses applications. (French) []. *Lecture Notes in Mathematics*, 1709:371–387, 1999. CODEN LNMAA2. ISBN 3-540-66342-8 (print), 3-540-48407-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096527/>.

**Benabou:1991:SRF**

- [Ben91a] Jean Benabou. Some remarks on free monoids in a topos. *Lecture Notes in Mathematics*, 1488:20–29, 1991. CODEN LNMAA2. ISBN 3-540-54706-1 (print), 3-540-46435-2 (e-book).

ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084210/>.

**Benoit:1991:DBP**

- [Ben91b] Eric Benoît, editor. *Dynamic Bifurcations: Proceedings of a Conference held in Luminy, France, March 5–10, 1990*, volume 1493 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1991. CODEN LNMAA2. ISBN 3-540-54900-5 (print), 3-540-46471-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1493. URL <http://link.springer.com/book/10.1007/BFb0085019>; <http://www.springerlink.com/content/978-3-540-46471-6>.

**Benoit:1991:LDB**

- [Ben91c] Eric Benoit. Linear dynamic bifurcation with noise. *Lecture Notes in Mathematics*, 1493:131–150, 1991. CODEN LNMAA2. ISBN 3-540-54900-5 (print), 3-540-46471-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085028/>.

**Benson:1992:RPD**

- [Ben92] D. J. Benson. Resolutions and Poincaré duality for finite groups. *Lecture Notes in Mathematics*, 1509:10–19, 1992. CODEN LNMAA2. ISBN 3-540-55195-6 (print), 3-540-46772-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0087497/>.

**Benaïm:1999:DSA**

- [Ben99] Michel Benaïm. Dynamics of stochastic approximation algorithms. *Lecture Notes in Mathematics*, 1709:1–68, 1999. CODEN LNMAA2. ISBN 3-540-66342-8 (print), 3-540-48407-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096509/>.

**Berthelot:1990:CRT**

- [Ber90a] Pierre Berthelot. Cohomologie rigide et théorie des  $D$ -modules. (French) []. *Lecture Notes in Mathematics*, 1454:80–124, 1990. CODEN LNMAA2. ISBN 3-540-53477-6 (print), 3-540-46906-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0091135/>.

**Bertoin:1990:HFP**

- [Ber90b] Jean Bertoin. Sur une horloge fluctuante pour les processus de Bessel de petites dimensions. (French) []. *Lecture Notes in Mathematics*, 1426:117–136, 1990. CODEN LNMAA2. ISBN 3-540-52694-3 (print), 3-540-47098-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083761/>.

**Bertrand:1990:EMG**

- [Ber90c] D. Bertrand. Extensions de  $D$ -modules et groupes de Galois différentiels. (French) []. *Lecture Notes in Mathematics*, 1454: 125–141, 1990. CODEN LNMAA2. ISBN 3-540-53477-6 (print), 3-540-46906-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0091136/>.

**Bertrand:1990:TMA**

- [Ber90d] Daniel Bertrand. Transcendental methods in arithmetic geometry. *Lecture Notes in Mathematics*, 1434:31–44, 1990. CODEN LNMAA2. ISBN 3-540-52787-7 (print), 3-540-47147-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0097123/>.

**Bertoin:1993:PSD**

- [Ber93] Jean Bertoin. Une preuve simple du théorème de Shimura sur les points méandre du mouvement brownien plan. (French) []. *Lecture Notes in Mathematics*, 1557:33–35, 1993. CODEN LNMAA2. ISBN 3-540-57282-1 (print), 3-540-48034-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0087961/>.

**Bernard:1995:LPT**

- [Ber95] Pierre Bernard, editor. *Lectures on Probability Theory: École d'Été de Probabilités de Saint-Flour XXIII — 1993*, volume 1608 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1995. CODEN LNMAA2. ISBN 3-540-60015-9 (print), 3-540-49402-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1608. URL <http://link.springer.com/book/10.1007/BFb0095745>; <http://www.springerlink.com/content/978-3-540-49402-7>.

**Bernard:1996:LPT**

- [Ber96] Pierre Bernard, editor. *Lectures on Probability Theory and Statistics: École d'Été de Probabilités de Saint-Flour XXIV — 1994*, volume 1648 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1996. CODEN LNMAA2. ISBN 3-540-62055-9 (print), 3-540-49635-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1648. URL <http://link.springer.com/book/10.1007/BFb0095673>; <http://www.springerlink.com/content/978-3-540-49635-9>.

**Berenstein:1998:RTW**

- [Ber98a] Carlos Berenstein. Randon transforms, wavelets, and applications. *Lecture Notes in Mathematics*, 1684:1–33, 1998. CODEN LNMAA2. ISBN 3-540-64207-2 (print), 3-540-69702-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096089/>.

**Bernard:1998:LPT**

- [Ber98b] Pierre Bernard, editor. *Lectures on Probability Theory and Statistics: École d'Été de Probabilités de Saint-Flour XXV — 1995*, volume 1690 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1998. CODEN LNMAA2. ISBN 3-540-64620-5 (print), 3-540-69228-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1690. URL <http://link.springer.com/book/10.1007/BFb0092536>; <http://www.springerlink.com/content/978-3-540-69228-7>.

**Bernard:1999:LPT**

- [Ber99a] Pierre Bernard, editor. *Lectures on Probability Theory and Statistics: École d'Été de Probabilités de Saint-Flour XXVII — 1997*, volume 1717 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1999. CODEN LNMAA2. ISBN 3-540-66593-5 (print), 3-540-48115-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1717. URL <http://link.springer.com/book/10.1007/b72002>; <http://www.springerlink.com/content/978-3-540-48115-7>.

**Bertoin:1999:SEA**

- [Ber99b] Jean Bertoin. Subordinators: Examples and applications. *Lecture Notes in Mathematics*, 1717:1–91, 1999. CODEN LNMAA2.

ISBN 3-540-66593-5 (print), 3-540-48115-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-540-48115-7\\_1/](http://link.springer.com/chapter/10.1007/978-3-540-48115-7_1/).

**Bethuel:1999:VMG**

- [Bet99] F. Bethuel. Variational methods for Ginzburg–Landau equations. *Lecture Notes in Mathematics*, 1713:1–43, 1999. CODEN LNMAA2. ISBN 3-540-65977-3 (print), 3-540-48813-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092668/>.

**Beukers:1993:DEA**

- [Beu93] Frits Beukers. Diophantine equations and approximation. *Lecture Notes in Mathematics*, 1566:1–11, 1993. CODEN LNMAA2. ISBN 3-540-57528-6 (print), 3-540-48208-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-540-48208-6\\_1/](http://link.springer.com/chapter/10.1007/978-3-540-48208-6_1/); <http://link.springer.com/content/pdf/bfm:978-3-540-48208-6/1.pdf>.

**Bridges:1993:CDE**

- [BF93a] Thomas J. Bridges and Jacques E. Furter. Classification of dq-equivariant gradient bifurcation problems. *Lecture Notes in Mathematics*, 1558:89–99, 1993. CODEN LNMAA2. ISBN 3-540-57296-1 (print), 3-540-48040-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073477/>.

**Bridges:1993:CZE**

- [BF93b] Thomas J. Bridges and Jacques E. Furter. Classification of zq-equivariant gradient bifurcation problems. *Lecture Notes in Mathematics*, 1558:63–83, 1993. CODEN LNMAA2. ISBN 3-540-57296-1 (print), 3-540-48040-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073475/>.

**Bridges:1993:CMR**

- [BF93c] Thomas J. Bridges and Jacques E. Furter. Collision of multipliers at rational points for symplectic maps. *Lecture Notes in Mathematics*, 1558:149–174, 1993. CODEN LNMAA2. ISBN 3-540-57296-1 (print), 3-540-48040-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073480/>.

**Bridges:1993:EMC**

- [BF93d] Thomas J. Bridges and Jacques E. Furter. Equivariant maps and the collision of multipliers. *Lecture Notes in Mathematics*, 1558:175–183, 1993. CODEN LNMAA2. ISBN 3-540-57296-1 (print), 3-540-48040-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073481/>.

**Bridges:1993:GBP**

- [BF93e] Thomas J. Bridges and Jacques E. Furter. Generic bifurcation of periodic points. *Lecture Notes in Mathematics*, 1558:9–31, 1993. CODEN LNMAA2. ISBN 3-540-57296-1 (print), 3-540-48040-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073473/>.

**Bridges:1993:I**

- [BF93f] Thomas J. Bridges and Jacques E. Furter. Introduction. *Lecture Notes in Mathematics*, 1558:1–8, 1993. CODEN LNMAA2. ISBN 3-540-57296-1 (print), 3-540-48040-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073472/>.

**Bridges:1993:PPG**

- [BF93g] Thomas J. Bridges and Jacques E. Furter. Period-3 points of the generalized standard map. *Lecture Notes in Mathematics*, 1558: 85–88, 1993. CODEN LNMAA2. ISBN 3-540-57296-1 (print), 3-540-48040-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073476/>.

**Bridges:1993:PPE**

- [BF93h] Thomas J. Bridges and Jacques E. Furter. Periodic points of equivariant symplectic maps. *Lecture Notes in Mathematics*, 1558: 119–147, 1993. CODEN LNMAA2. ISBN 3-540-57296-1 (print), 3-540-48040-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073479/>.

**Bridges:1993:RDB**

- [BF93i] Thomas J. Bridges and Jacques E. Furter. Reversibility and degenerate bifurcation of period- $q$  points of multiparameter maps. *Lecture Notes in Mathematics*, 1558:101–118, 1993. CODEN

LNMAA2. ISBN 3-540-57296-1 (print), 3-540-48040-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073478/>.

**Bridges:1993:STEb**

- [BF93j] Thomas J. Bridges and Jacques E. Furter. *Singularity Theory and Equivariant Symplectic Maps*, volume 1558 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1993. CODEN LNMAA2. ISBN 3-540-57296-1 (print), 3-540-48040-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). vi + 226 pp. LCCN QA3 .L28 no. 1558. URL <http://link.springer.com/book/10.1007/BFb0073471>; <http://www.springerlink.com/content/978-3-540-48040-2>.

**Bridges:1993:STEa**

- [BF93k] Thomas J. Bridges and Jacques E. Furter. Singularity theory for equivariant gradient bifurcation problems. *Lecture Notes in Mathematics*, 1558:33–62, 1993. CODEN LNMAA2. ISBN 3-540-57296-1 (print), 3-540-48040-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/BFb0073474/](http://link.springer.com/chapter/10.1007/BFb0073474).

**Bezrukavnikov:1998:A**

- [BFS98a] Roman Bezrukavnikov, Michael Finkelberg, and Vadim Schechtman. Acknowledgement. *Lecture Notes in Mathematics*, 1691: 5, 1998. CODEN LNMAA2. ISBN 3-540-64619-1 (print), 3-540-69231-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092345>.

**Bezrukavnikov:1998:CSQ**

- [BFS98b] Roman Bezrukavnikov, Michael Finkelberg, and Vadim Schechtman. Configuration spaces and quantum groups. *Lecture Notes in Mathematics*, 1691:71–121, 1998. CODEN LNMAA2. ISBN 3-540-64619-1 (print), 3-540-69231-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/BFb0092348/](http://link.springer.com/chapter/10.1007/BFb0092348).

**Bezrukavnikov:1998:FSQ**

- [BFS98c] Roman Bezrukavnikov, Michael Finkelberg, and Vadim Schechtman. *Factorizable Sheaves and Quantum Groups*, volume 1691

of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1998. CODEN LNMAA2. ISBN 3-540-64619-1 (print), 3-540-69231-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). x + 287 pp. LCCN QA3 .L28 no. 1691. URL <http://link.springer.com/book/10.1007/BFb0092343>; <http://www.springerlink.com/content/978-3-540-69231-7>.

**Bezrukavnikov:1998:ICR**

- [BFS98d] Roman Bezrukavnikov, Michael Finkelberg, and Vadim Schechtman. Intersection cohomology of real arrangements. *Lecture Notes in Mathematics*, 1691:50–70, 1998. CODEN LNMAA2. ISBN 3-540-64619-1 (print), 3-540-69231-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092347/>.

**Bezrukavnikov:1998:I**

- [BFS98e] Roman Bezrukavnikov, Michael Finkelberg, and Vadim Schechtman. Introduction. *Lecture Notes in Mathematics*, 1691:1–4, 1998. CODEN LNMAA2. ISBN 3-540-64619-1 (print), 3-540-69231-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092344/>.

**Bezrukavnikov:1998:L**

- [BFS98f] Roman Bezrukavnikov, Michael Finkelberg, and Vadim Schechtman. Localization on  $\mathbf{P}^1$ . *Lecture Notes in Mathematics*, 1691: 173–196, 1998. CODEN LNMAA2. ISBN 3-540-64619-1 (print), 3-540-69231-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092350/>.

**Bezrukavnikov:1998:MSC**

- [BFS98g] Roman Bezrukavnikov, Michael Finkelberg, and Vadim Schechtman. Modular structure on the category  $\mathcal{FS}$ . *Lecture Notes in Mathematics*, 1691:197–251, 1998. CODEN LNMAA2. ISBN 3-540-64619-1 (print), 3-540-69231-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092351/>.

**Bezrukavnikov:1998:O**

- [BFS98h] Roman Bezrukavnikov, Michael Finkelberg, and Vadim Schechtman. Overview. *Lecture Notes in Mathematics*, 1691:6–49, 1998. CODEN LNMAA2. ISBN 3-540-64619-1 (print), 3-540-69231-2

(e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092346/>.

**Bezrukavnikov:1998:TCA**

- [BFS98i] Roman Bezrukavnikov, Michael Finkelberg, and Vadim Schechtman. Tensor categories arising from configuration spaces. *Lecture Notes in Mathematics*, 1691:122–172, 1998. CODEN LNMAA2. ISBN 3-540-64619-1 (print), 3-540-69231-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092349/>.

**Bakry:1994:LPT**

- [BGM94] Dominique Bakry, Richard D. Gill, and Stanislav A. Molchanov, editors. *Lectures on Probability Theory: École d’Été de Probabilités de Saint-Flour XXII — 1992*, volume 1581 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1994. CODEN LNMAA2. ISBN 3-540-58208-8 (print), 3-540-48568-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1581. URL <http://link.springer.com/book/10.1007/BFb0073871>; <http://www.springerlink.com/content/978-3-540-48568-1>.

**Ball:1991:NIP**

- [BGR91] Joseph A. Ball, Israel Gohberg, and Leiba Rodman. Nehari interpolation problem for rational matrix functions: The generic case. *Lecture Notes in Mathematics*, 1496:277–308, 1991. CODEN LNMAA2. ISBN 3-540-54949-8 (print), 3-540-46604-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084472/>.

**Borisovich:1990:GAS**

- [BGV90] Yurii G. Borisovich, Yurii E. Gliklikh, and A. M. Vershik. *Global Analysis — Studies and Applications IV*, volume 1453 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1990. CODEN LNMAA2. ISBN 3-540-53407-5 (print), 3-540-46861-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). vi + 320 pp. LCCN QA3 .L28 no. 1453. URL <http://link.springer.com/book/10.1007/BFb0085943>; <http://www.springerlink.com/content/978-3-540-46861-5>.

**Borisovich:1992:GAS**

- [BGV92] Yuri G. Borisovich, Yuri E. Gliklikh, and A. M. Vershik. *Global Analysis — Studies and Applications V*, volume 1520 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1992. CODEN LNMAA2. ISBN 3-540-55583-8 (print), 3-540-47223-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). vi + 284 pp. LCCN QA3 .L28 no. 1520. URL <http://link.springer.com/book/10.1007/BFb0084711>; <http://www.springerlink.com/content/978-3-540-47223-0>.

**Birkenmeier:1990:PIR**

- [BH90a] Gary Birkenmeier and Henry Heatherly. Permutation identity rings and the medial radical. *Lecture Notes in Mathematics*, 1448: 125–138, 1990. CODEN LNMAA2. ISBN 3-540-53164-5 (print), 3-540-46745-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0091257>.

**Booth:1990:G**

- [BH90b] P. I. Booth and P. R. Heath. On the group  $\epsilon(X \times Y)$  and  $\epsilon_B^B(X \times_B Y)$ . *Lecture Notes in Mathematics*, 1425:17–31, 1990. CODEN LNMAA2. ISBN 3-540-52658-7 (print), 3-540-47091-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083827>.

**Bouleau:1990:SRL**

- [BH90c] Nicolas Bouleau and Francis Hirsch. Some results on Lipschitzian stochastic differential equations by Dirichlet forms methods. *Lecture Notes in Mathematics*, 1444:128–140, 1990. CODEN LNMAA2. ISBN 3-540-53064-9 (print), 3-540-46596-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083613>.

**Bethuel:1999:FM**

- [BHMS99] Fabrice Bethuel, Gerhard Huisken, Stefan Müller, and Klaus Steffen. Front matter. *Lecture Notes in Mathematics*, 1713: ??, 1999. CODEN LNMAA2. ISBN 3-540-65977-3 (print), 3-540-48813-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/content/pdf/bfm:978-3-540-48813-2/1.pdf>.

**Broer:1996:A**

- [BHS96a] Hendrik W. Broer, George B. Huitema, and Mikhail B. Sevryuk. Appendices. *Lecture Notes in Mathematics*, 1645:141–167, 1996. CODEN LNMAA2. ISBN 3-540-62025-7 (print), 3-540-49613-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-540-49613-7\\_6/](http://link.springer.com/chapter/10.1007/978-3-540-49613-7_6/).

**Broer:1996:BM**

- [BHS96b] Hendrik W. Broer, George B. Huitema, and Mikhail B. Sevryuk. Back matter. *Lecture Notes in Mathematics*, 1645:169–195, 1996. CODEN LNMAA2. ISBN 3-540-62025-7 (print), 3-540-49613-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/content/pdf/bbm:978-3-540-49613-7/1.pdf>.

**Broer:1996:CWS**

- [BHS96c] Hendrik W. Broer, George B. Huitema, and Mikhail B. Sevryuk. Complicated Whitney-smooth families. *Lecture Notes in Mathematics*, 1645:83–121, 1996. CODEN LNMAA2. ISBN 3-540-62025-7 (print), 3-540-49613-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-540-49613-7\\_4/](http://link.springer.com/chapter/10.1007/978-3-540-49613-7_4/).

**Broer:1996:C**

- [BHS96d] Hendrik W. Broer, George B. Huitema, and Mikhail B. Sevryuk. Conclusions. *Lecture Notes in Mathematics*, 1645:123–139, 1996. CODEN LNMAA2. ISBN 3-540-62025-7 (print), 3-540-49613-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-540-49613-7\\_5/](http://link.springer.com/chapter/10.1007/978-3-540-49613-7_5/).

**Broer:1996:CTa**

- [BHS96e] Hendrik W. Broer, George B. Huitema, and Mikhail B. Sevryuk. The conjugacy theory. *Lecture Notes in Mathematics*, 1645:41–75, 1996. CODEN LNMAA2. ISBN 3-540-62025-7 (print), 3-540-49613-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-540-49613-7\\_2/](http://link.springer.com/chapter/10.1007/978-3-540-49613-7_2/).

**Broer:1996:CTb**

- [BHS96f] Hendrik W. Broer, George B. Huitema, and Mikhail B. Sevryuk. The continuation theory. *Lecture Notes in Mathematics*, 1645:

77–82, 1996. CODEN LNMAA2. ISBN 3-540-62025-7 (print), 3-540-49613-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-540-49613-7\\_3/](http://link.springer.com/chapter/10.1007/978-3-540-49613-7_3/).

**Broer:1996:FM**

- [BHS96g] Hendrik W. Broer, George B. Huitema, and Mikhail B. Sevryuk. Front matter. *Lecture Notes in Mathematics*, 1645: i–xi, 1996. CODEN LNMAA2. ISBN 3-540-62025-7 (print), 3-540-49613-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/content/pdf/bfm:978-3-540-49613-7/1.pdf>.

**Broer:1996:IE**

- [BHS96h] Hendrik W. Broer, George B. Huitema, and Mikhail B. Sevryuk. Introduction and examples. *Lecture Notes in Mathematics*, 1645: 1–40, 1996. CODEN LNMAA2. ISBN 3-540-62025-7 (print), 3-540-49613-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-540-49613-7\\_1/](http://link.springer.com/chapter/10.1007/978-3-540-49613-7_1/).

**Broer:1996:QPM**

- [BHS96i] Hendrik W. Broer, George B. Huitema, and Mikhail B. Sevryuk. *Quasi-Periodic Motions in Families of Dynamical Systems: Order amidst Chaos*, volume 1645 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1996. CODEN LNMAA2. ISBN 3-540-62025-7 (print), 3-540-49613-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). xii + 196 pp. LCCN QA3 .L28 no. 1645. URL <http://link.springer.com/book/10.1007/978-3-540-49613-7>; <http://www.springerlink.com/content/978-3-540-49613-7>.

**Barlow:1992:SSP**

- [BI92] Martin T. Barlow and Peter Imkeller. On some sample path properties of Skorohod integral processes. *Lecture Notes in Mathematics*, 1526:70–80, 1992. CODEN LNMAA2. ISBN 3-540-56021-1 (print), 3-540-47342-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084311/>.

**Biagioni:1990:GFA**

- [Bia90a] Hebe Azevedo Biagioni. Generalized functions on an arbitrary subset of  $E_n$ . *Lecture Notes in Mathematics*, 1421:69–82, 1990.

CODEN LNMAA2. ISBN 0-387-52408-8, 3-540-52408-8, 3-540-46981-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0089554/>.

**Biagioni:1990:GFO**

- [Bia90b] Hebe Azevedo Biagioni. Generalized functions on an open subset of  $E_n$ . *Lecture Notes in Mathematics*, 1421:1–68, 1990. CODEN LNMAA2. ISBN 0-387-52408-8, 3-540-52408-8, 3-540-46981-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0089553/>.

**Biagioni:1990:GSN**

- [Bia90c] Hebe Azevedo Biagioni. Generalized solutions of nonlinear partial differential equations. *Lecture Notes in Mathematics*, 1421: 83–141, 1990. CODEN LNMAA2. ISBN 0-387-52408-8, 3-540-52408-8, 3-540-46981-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0089555/>.

**Biagioni:1990:NTG**

- [Bia90d] Hebe Azevedo Biagioni. *A Nonlinear Theory of Generalized Functions*, volume 1421 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., second edition, 1990. CODEN LNMAA2. ISBN 0-387-52408-8, 3-540-52408-8, 3-540-46981-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). xii + 214 pp. LCCN QA3 .L28 no. 1421; QA3 .L28 no. 1421; QA299.6-433; QA324 .B53 1990. URL <http://link.springer.com/book/10.1007/BFb0089552>.

**Biancofiore:1990:HSR**

- [Bia90e] Aldo Biancofiore. On the hyperplane sections of ruled surfaces. *Lecture Notes in Mathematics*, 1417:52–66, 1990. CODEN LNMAA2. ISBN 3-540-52217-4 (print), 3-540-46934-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083332/>.

**Biane:1992:FMD**

- [Bia92] Philippe Biane. Frontière de Martin du dual de  $SU(2)$ . (French) []. *Lecture Notes in Mathematics*, 1526:225–233, 1992. CODEN LNMAA2. ISBN 3-540-56021-1 (print), 3-540-47342-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084324/>.

**Biane:1995:CSN**

- [Bia95a] Philippe Biane. Calcul stochastique non-commutatif. (French) []. *Lecture Notes in Mathematics*, 1608:1–96, 1995. CODEN LNMAA2. ISBN 3-540-60015-9 (print), 3-540-49402-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0095746/>.

**Biane:1995:IMS**

- [Bia95b] Philippe Biane. Intertwining of Markov semi-groups, some examples. *Lecture Notes in Mathematics*, 1613:30–36, 1995. CODEN LNMAA2. ISBN 3-540-60219-4 (print), 3-540-44744-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094197/>.

**Bhatwadekar:1990:SAV**

- [BIOS90] Shrikant M. Bhatwadekar, Friedrich Ischebeck, Manuel Ojanguren, and Gerhard Schabhüser. Strongly algebraic vector bundles over  $\mathbf{R}^d$ . *Lecture Notes in Mathematics*, 1420:36–41, 1990. CODEN LNMAA2. ISBN 3-540-52313-8 (print), 3-540-46952-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083909/>.

**Birman:1994:PTS**

- [Bir94] M. Sh. Birman. Perturbation theory scattering theory. *Lecture Notes in Mathematics*, 1573:259–292, 1994. CODEN LNMAA2. ISBN 3-540-57870-6 (print), 3-540-48367-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0100207/>.

**Bjork:1991:DC**

- [Bjö91] Jan-Erik Björk. Derived categories. *Lecture Notes in Mathematics*, 1478:67–129, 1991. CODEN LNMAA2. ISBN 3-540-54377-5 (print), 3-540-47592-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083502/>.

**Bjork:1997:IRT**

- [Bjö97] Tomas Björk. Interest rate theory. *Lecture Notes in Mathematics*, 1656:53–122, 1997. CODEN LNMAA2. ISBN 3-540-62642-5 (print), 3-540-68356-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0091999/>.

**Bochnak:1990:VBR**

- [BK90] J. Bochnak and W. Kucharz. On vector bundles and real algebraic morphisms. *Lecture Notes in Mathematics*, 1420:65–71, 1990. CODEN LNMAA2. ISBN 3-540-52313-8 (print), 3-540-46952-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083911/>.

**Bauer:1991:SAH**

- [BK91] Ingrid Bauer and Siegmund Kosarew. Some aspects of Hodge theory on non-complete algebraic manifolds. *Lecture Notes in Mathematics*, 1468:281–316, 1991. CODEN LNMAA2. ISBN 3-540-54053-9 (print), 3-540-47370-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086198/>.

**Bandt:1992:SDA**

- [BK92a] Christoph Bandt and Karsten Keller. Symbolic dynamics for angle-doubling on the circle I. The topology of locally connected Julia sets. *Lecture Notes in Mathematics*, 1514:1–23, 1992. CODEN LNMAA2. ISBN 3-540-55444-0 (print), 3-540-47076-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0097524/>.

**Bass:1992:SCC**

- [BK92b] Richard Bass and Davar Khoshnevisan. Stochastic calculus and the continuity of local times of Lévy processes. *Lecture Notes in Mathematics*, 1526:1–10, 1992. CODEN LNMAA2. ISBN 3-540-56021-1 (print), 3-540-47342-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084306/>.

**Bronstein:1992:FSN**

- [BK92c] I. U. Bronsteĭn and A. Ya. Kopanskii. Finitely smooth normal forms of vector fields in the vicinity of a rest point. *Lecture Notes in Mathematics*, 1520:157–172, 1992. CODEN LNMAA2. ISBN 3-540-55583-8 (print), 3-540-47223-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084720/>.

**Basmaji:1994:TF**

- [BK94] Jacques Basmaji and Ian Kiming. A table of  $A_5$ -fields. *Lecture Notes in Mathematics*, 1585:37–46, 1994. CODEN LNMAA2. ISBN 3-540-58387-4 (print), 3-540-48681-X (e-book).

ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0074108/>.

**Berenstein:1993:ITS**

- [BKS93] C. A. Berenstein, T. Kawai, and D. C. Struppa. Interpolation theorems in several complex variables and applications. *Lecture Notes in Mathematics*, 1540:1–9, 1993. CODEN LNMAA2. ISBN 3-540-56471-3 (print), 3-540-47565-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085470/>.

**Bruzzo:1990:GSC**

- [BL90] Ugo Bruzzo and Giovanni Landi. Geometry of standard constraints and anomalous supersymmetric gauge theories. *Lecture Notes in Mathematics*, 1451:138–147, 1990. CODEN LNMAA2. ISBN 3-540-53286-2 (print), 3-540-46813-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085067/>.

**Bellomo:1991:ATB**

- [BL91a] N. Bellomo and M. Lachowicz. On the asymptotic theory of the Boltzmann and Enskog equations a rigorous  $H$ -theorem for the Enskog equation. *Lecture Notes in Mathematics*, 1460:15–30, 1991. CODEN LNMAA2. ISBN 3-540-53545-4 (print), 3-540-46779-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0091358/>.

**Bourgain:1991:CSB**

- [BL91b] J. Bourgain and J. Lindenstrauss. On covering a set in  $R^N$  by balls of the same diameter. *Lecture Notes in Mathematics*, 1469:138–144, 1991. CODEN LNMAA2. ISBN 3-540-54024-5 (print), 3-540-47355-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0089220/>.

**Bernard:1992:NLC**

- [BL92a] Denis Bernard and André Leclair. Non-local currents in 2D QFT: an alternative to the quantum inverse scattering method. *Lecture Notes in Mathematics*, 1510:176–196, 1992. CODEN LNMAA2. ISBN 3-540-55305-3 (print), 3-540-47020-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0101189/>.

**Biedenharn:1992:IRT**

- [BL92b] L. C. Biedenharn and M. A. Lohe. Induced representations and tensor operators for quantum groups. *Lecture Notes in Mathematics*, 1510:197–209, 1992. CODEN LNMAA2. ISBN 3-540-55305-3 (print), 3-540-47020-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0101190/>.

**Birkenhake:1992:NEA**

- [BL92c] Ch. Birkenhake and H. Lange. Norm-endomorphisms of abelian subvarieties. *Lecture Notes in Mathematics*, 1515:21–32, 1992. CODEN LNMAA2. ISBN 3-540-55295-2 (print), 3-540-47016-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0098335/>.

**Bokor:1992:MEN**

- [BL92d] Imre Bokor and Irene Llerena. More examples of non-cancellation in homotopy. *Lecture Notes in Mathematics*, 1509:30–34, 1992. CODEN LNMAA2. ISBN 3-540-55195-6 (print), 3-540-46772-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0087499/>.

**Bagby:1993:BTH**

- [BL93a] Thomas Bagby and Norman Levenberg. Bernstein theorems for harmonic functions. *Lecture Notes in Mathematics*, 1550:7–18, 1993. CODEN LNMAA2. ISBN 3-540-56931-6 (print), 3-540-47792-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0117470/>.

**Bernstein:1993:GNF**

- [BL93b] Daniel J. Bernstein and A. K. Lenstra. A general number field sieve implementation. *Lecture Notes in Mathematics*, 1554:103–126, 1993. CODEN LNMAA2. ISBN 3-540-57013-6 (print), 3-540-47892-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0091541/>.

**Bernstein:1994:DCF**

- [BL94a] Joseph Bernstein and Valery Lunts. Derived category  $D_G(X)$  and functors. *Lecture Notes in Mathematics*, 1578:2–67, 1994. CODEN LNMAA2. ISBN 3-540-58071-9 (print), 3-540-48430-2

(e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073551/>.

**Bernstein:1994:DME**

- [BL94b] Joseph Bernstein and Valery Lunts. Dg-modules and equivariant cohomology. *Lecture Notes in Mathematics*, 1578:68–125, 1994. CODEN LNMAA2. ISBN 3-540-58071-9 (print), 3-540-48430-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073552/>.

**Bernstein:1994:ECT**

- [BL94c] Joseph Bernstein and Valery Lunts. Equivariant cohomology of toric varieties. *Lecture Notes in Mathematics*, 1578:126–132, 1994. CODEN LNMAA2. ISBN 3-540-58071-9 (print), 3-540-48430-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073553/>.

**Bernstein:1994:ESF**

- [BL94d] Joseph Bernstein and Valery Lunts. *Equivariant Sheaves and Functors*, volume 1578 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1994. CODEN LNMAA2. ISBN 3-540-58071-9 (print), 3-540-48430-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). iv + 139 pp. LCCN QA3 .L28 no. 1578. URL <http://link.springer.com/book/10.1007/BFb0073549>; <http://www.springerlink.com/content/978-3-540-48430-1>.

**Bernstein:1994:I**

- [BL94e] Joseph Bernstein and Valery Lunts. Introduction. *Lecture Notes in Mathematics*, 1578:1, 1994. CODEN LNMAA2. ISBN 3-540-58071-9 (print), 3-540-48430-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073550>.

**Bielefeld:1994:HD**

- [BL94f] B. Bielefeld and M. Lyubich. Holomorphic dynamics. *Lecture Notes in Mathematics*, 1574:423–462, 1994. CODEN LNMAA2. ISBN 3-540-57871-4 (print), 3-540-48368-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0101069/>.

**Bielefeld:1994:MP**

- [BL94g] B. Bielefeld and M. Lyubich. Miscellaneous problems. *Lecture Notes in Mathematics*, 1574:463–482, 1994. CODEN LNMAA2. ISBN 3-540-57871-4 (print), 3-540-48368-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0101070/>.

**Blais:1991:AER**

- [Bla91] François Blais. Asymptotic expansions of rivers. *Lecture Notes in Mathematics*, 1493:181–189, 1991. CODEN LNMAA2. ISBN 3-540-54900-5 (print), 3-540-46471-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085031/>.

**Bleher:1991:QCE**

- [Ble91] P. M. Bleher. Quasi-classical expansions and the problem of quantum chaos. *Lecture Notes in Mathematics*, 1469:60–89, 1991. CODEN LNMAA2. ISBN 3-540-54024-5 (print), 3-540-47355-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0089215/>.

**Bullen:1990:NIP**

- [BLM<sup>+</sup>90] Peter S. Bullen, Peng Yee Lee, Jean L. Mawhin, Patrick Muldowney, and Washek F. Pfeffer, editors. *New Integrals: Proceedings of the Henstock Conference held in Coleraine, Northern Ireland, August 9–12, 1988*, volume 1419 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1990. CODEN LNMAA2. ISBN 3-540-52322-7 (print), 3-540-46955-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1419. URL <http://link.springer.com/book/10.1007/BFb0083092>; <http://www.springerlink.com/content/978-3-540-46955-1>.

**Blokh:1992:SDP**

- [Blo92] A. M. Blokh. Spectral decomposition, periods of cycles and a conjecture of M. Misiurewicz for graph maps. *Lecture Notes in Mathematics*, 1514:24–31, 1992. CODEN LNMAA2. ISBN 3-540-55444-0 (print), 3-540-47076-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0097525/>.

**Buhler:1993:FIN**

- [BLP93] J. P. Buhler, H. W. Lenstra, Jr., and Carl Pomerance. Factoring integers with the number field sieve. *Lecture Notes in Mathematics*, 1554:50–94, 1993. CODEN LNMAA2. ISBN 3-540-57013-6 (print), 3-540-47892-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0091539/>.

**Benedetti:1990:TBN**

- [BLR90] Riccardo Benedetti, François Loeser, and Jean-Jacques Risler. Two bounds for the number of connected components of a real algebraic set. *Lecture Notes in Mathematics*, 1420:22–35, 1990. CODEN LNMAA2. ISBN 3-540-52313-8 (print), 3-540-46952-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083908/>.

**Blümlinger:1990:SPP**

- [Blü90] Martin Blümlinger. Sample path properties of diffusion processes on compact manifolds. *Lecture Notes in Mathematics*, 1452:6–19, 1990. CODEN LNMAA2. ISBN 3-540-53408-3 (print), 3-540-46864-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096977/>.

**Bachelis:1990:CTP**

- [BM90a] Gregory F. Bachelis and Frank J. Massey III. A coin tossing problem of R. L. Rivest. *Lecture Notes in Mathematics*, 1450:36–52, 1990. CODEN LNMAA2. ISBN 3-540-53393-1 (print), 3-540-46818-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084897/>.

**Bierstone:1990:LRS**

- [BM90b] Edward Bierstone and Pierre D. Milman. Local resolution of singularities. *Lecture Notes in Mathematics*, 1420:42–64, 1990. CODEN LNMAA2. ISBN 3-540-52313-8 (print), 3-540-46952-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083910/>.

**Blanchard:1990:NRS**

- [BM90c] Ph. Blanchard and Zhiming Ma. New results on the Schrödinger semigroups with potentials given by signed smooth measures.

*Lecture Notes in Mathematics*, 1444:213–243, 1990. CODEN LNMAA2. ISBN 3-540-53064-9 (print), 3-540-46596-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083618/>.

**Borchers:1990:LTB**

- [BM90d] Wolfgang Borchers and Tetsuro Miyakawa. On large time behavior of the total kinetic energy for weak solutions of the Navier–Stokes equations in unbounded domains. *Lecture Notes in Mathematics*, 1431:73–83, 1990. CODEN LNMAA2. ISBN 3-540-52770-2 (print), 3-540-47141-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086056/>.

**Busenberg:1991:DDE**

- [BM91] Stavros Busenberg and Mario Martelli, editors. *Delay Differential Equations and Dynamical Systems: Proceedings of a Conference in honor of Kenneth Cooke held in Claremont, California, Jan. 13–16, 1990*, volume 1475 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1991. CODEN LNMAA2. ISBN 3-540-54120-9 (print), 3-540-47418-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1475. URL <http://link.springer.com/book/10.1007/BFb0083474>; <http://www.springerlink.com/content/978-3-540-47418-0>.

**Bakry:1992:IFF**

- [BM92a] Dominique Bakry and Dominique Michel. Sur les inégalités FKG. (French) [ ]. *Lecture Notes in Mathematics*, 1526:170–188, 1992. CODEN LNMAA2. ISBN 3-540-56021-1 (print), 3-540-47342-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084321/>.

**Borchers:1992:SCE**

- [BM92b] Wolfgang Borchers and Tetsuro Miyakawa. On some coercive estimates for the Stokes problem in unbounded domains. *Lecture Notes in Mathematics*, 1530:71–84, 1992. CODEN LNMAA2. ISBN 3-540-56261-3 (print), 3-540-47498-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0090334/>.

**Boutabia:1992:LCE**

- [BM92c] Hacène Boutabia and Bernard Maisonneuve. Lois conditionnelles des excursions markoviennes. *Lecture Notes in Mathematics*, 1526: 162–166, 1992. CODEN LNMAA2. ISBN 3-540-56021-1 (print), 3-540-47342-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084319/>.

**Burdzy:1992:HBP**

- [BM92d] Krzysztof Burdzy and Donald Marshall. Hitting a boundary point with reflected Brownian motion. *Lecture Notes in Mathematics*, 1526:81–94, 1992. CODEN LNMAA2. ISBN 3-540-56021-1 (print), 3-540-47342-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084312/>.

**Bhattacharjee:1998:AOQ**

- [BMMN98a] Meenaxi Bhattacharjee, Dugald Macpherson, Rögnvaldur G. Möller, and Peter M. Neumann. Applications and open questions. *Lecture Notes in Mathematics*, 1698:171–180, 1998. CODEN LNMAA2. ISBN 3-540-64965-4 (print), 3-540-49813-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092566/>.

**Bhattacharjee:1998:CT**

- [BMMN98b] Meenaxi Bhattacharjee, Dugald Macpherson, Rögnvaldur G. Möller, and Peter M. Neumann. Classification theorems. *Lecture Notes in Mathematics*, 1698:131–142, 1998. CODEN LNMAA2. ISBN 3-540-64965-4 (print), 3-540-49813-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092563/>.

**Bhattacharjee:1998:EJG**

- [BMMN98c] Meenaxi Bhattacharjee, Dugald Macpherson, Rögnvaldur G. Möller, and Peter M. Neumann. Examples of Jordan groups. *Lecture Notes in Mathematics*, 1698:99–113, 1998. CODEN LNMAA2. ISBN 3-540-64965-4 (print), 3-540-49813-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092561/>.

**Bhattacharjee:1998:GAS**

- [BMMN98d] Meenaxi Bhattacharjee, Dugald Macpherson, Rögnvaldur G. Möller, and Peter M. Neumann. Groups acting on sets. *Lec-*

*Lecture Notes in Mathematics*, 1698:9–18, 1998. CODEN LNMAA2. ISBN 3-540-64965-4 (print), 3-540-49813-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092552/>.

Bhattacharjee:1998:HS

- [BMMN98e] Meenaxi Bhattacharjee, Dugald Macpherson, Rögnvaldur G. Möller, and Peter M. Neumann. Homogeneous structures. *Lecture Notes in Mathematics*, 1698:143–158, 1998. CODEN LNMAA2. ISBN 3-540-64965-4 (print), 3-540-49813-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092564/>.

Bhattacharjee:1998:HC

- [BMMN98f] Meenaxi Bhattacharjee, Dugald Macpherson, Rögnvaldur G. Möller, and Peter M. Neumann. The Hrushovski construction. *Lecture Notes in Mathematics*, 1698:159–170, 1998. CODEN LNMAA2. ISBN 3-540-64965-4 (print), 3-540-49813-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092565/>.

Bhattacharjee:1998:JG

- [BMMN98g] Meenaxi Bhattacharjee, Dugald Macpherson, Rögnvaldur G. Möller, and Peter M. Neumann. Jordan groups. *Lecture Notes in Mathematics*, 1698:87–97, 1998. CODEN LNMAA2. ISBN 3-540-64965-4 (print), 3-540-49813-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092560/>.

Bhattacharjee:1998:LG

- [BMMN98h] Meenaxi Bhattacharjee, Dugald Macpherson, Rögnvaldur G. Möller, and Peter M. Neumann. Linear groups. *Lecture Notes in Mathematics*, 1698:57–66, 1998. CODEN LNMAA2. ISBN 3-540-64965-4 (print), 3-540-49813-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092557/>.

Bhattacharjee:1998:MAS

- [BMMN98i] Meenaxi Bhattacharjee, Dugald Macpherson, Rögnvaldur G. Möller, and Peter M. Neumann. More about symmetric groups. *Lecture Notes in Mathematics*, 1698:49–56, 1998. CODEN LNMAA2. ISBN 3-540-64965-4 (print), 3-540-49813-3 (e-book).

ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092556/>.

**Bhattacharjee:1998:NIP**

- [BMMN98j] Meenaxi Bhattacharjee, Dugald Macpherson, Rögnvaldur G. Möller, and Peter M. Neumann. *Notes on Infinite Permutation Groups*, volume 1698 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1998. CODEN LNMAA2. ISBN 3-540-64965-4 (print), 3-540-49813-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). 180 (est.) pp. LCCN QA3 .L28 no. 1698. URL <http://link.springer.com/book/10.1007/BFb0092550>; <http://www.springerlink.com/content/978-3-540-49813-1>.

**Bhattacharjee:1998:P**

- [BMMN98k] Meenaxi Bhattacharjee, Dugald Macpherson, Rögnvaldur G. Möller, and Peter M. Neumann. Primitivity. *Lecture Notes in Mathematics*, 1698:31–38, 1998. CODEN LNMAA2. ISBN 3-540-64965-4 (print), 3-540-49813-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/BFb0092554/](http://link.springer.com/chapter/10.1007/BFb0092554).

**Bhattacharjee:1998:RN**

- [BMMN98l] Meenaxi Bhattacharjee, Dugald Macpherson, Rögnvaldur G. Möller, and Peter M. Neumann. Rational numbers. *Lecture Notes in Mathematics*, 1698:77–86, 1998. CODEN LNMAA2. ISBN 3-540-64965-4 (print), 3-540-49813-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/BFb0092559/](http://link.springer.com/chapter/10.1007/BFb0092559).

**Bhattacharjee:1998:RRB**

- [BMMN98m] Meenaxi Bhattacharjee, Dugald Macpherson, Rögnvaldur G. Möller, and Peter M. Neumann. Relations related to betweenness. *Lecture Notes in Mathematics*, 1698:115–129, 1998. CODEN LNMAA2. ISBN 3-540-64965-4 (print), 3-540-49813-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/BFb0092562/](http://link.springer.com/chapter/10.1007/BFb0092562).

**Bhattacharjee:1998:SGT**

- [BMMN98n] Meenaxi Bhattacharjee, Dugald Macpherson, Rögnvaldur G. Möller, and Peter M. Neumann. Some group theory. *Lecture Notes in Mathematics*, 1698:1–8, 1998. CODEN LNMAA2. ISBN 3-540-64965-4 (print), 3-540-49813-3 (e-book). ISSN 0075-8434

(print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092551/>.

**Bhattacharjee:1998:SO**

- [BMMN98o] Meenaxi Bhattacharjee, Dugald Macpherson, Rögnvaldur G. Möller, and Peter M. Neumann. Suborbits and orbitals. *Lecture Notes in Mathematics*, 1698:39–48, 1998. CODEN LNMAA2. ISBN 3-540-64965-4 (print), 3-540-49813-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092555/>.

**Bhattacharjee:1998:T**

- [BMMN98p] Meenaxi Bhattacharjee, Dugald Macpherson, Rögnvaldur G. Möller, and Peter M. Neumann. Transitivity. *Lecture Notes in Mathematics*, 1698:19–30, 1998. CODEN LNMAA2. ISBN 3-540-64965-4 (print), 3-540-49813-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092553/>.

**Bhattacharjee:1998:WP**

- [BMMN98q] Meenaxi Bhattacharjee, Dugald Macpherson, Rögnvaldur G. Möller, and Peter M. Neumann. Wreath products. *Lecture Notes in Mathematics*, 1698:67–76, 1998. CODEN LNMAA2. ISBN 3-540-64965-4 (print), 3-540-49813-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092558/>.

**Brezzi:1991:SNP**

- [BMMP91] F. Brezzi, L. D. Marini, P. Markowich, and P. Pietra. On some numerical problems in semiconductor device simulation. *Lecture Notes in Mathematics*, 1460:31–42, 1991. CODEN LNMAA2. ISBN 3-540-53545-4 (print), 3-540-46779-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0091359/>.

**Bahlali:1998:PUA**

- [BMO98] Khaled Bahlali, Brahim Mezerdi, and Youssef Ouknine. Pathwise uniqueness and approximation of solutions of stochastic differential equations. *Lecture Notes in Mathematics*, 1686:166–187, 1998. CODEN LNMAA2. ISBN 3-540-64376-1 (print), 3-540-69762-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0101757/>.

**Bocherer:1990:YTL**

- [Böc90] Siegfried Böcherer. On Yoshida's theta lift. *Lecture Notes in Mathematics*, 1447:77–83, 1990. CODEN LNMAA2. ISBN 3-540-53422-9 (print), 3-540-46876-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085727/>.

**Bass:1996:CNS**

- [BOERT96a] Hyman Bass, Maria Victoria Otero-Espinar, Daniel Rockmore, and Charles Tresser. Closed normal subgroups of  $\text{Aut}(X(q))$ . *Lecture Notes in Mathematics*, 1621:135–156, 1996. CODEN LNMAA2. ISBN 3-540-60595-9 (print), 3-540-47812-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096325/>.

**Bass:1996:CR**

- [BOERT96b] Hyman Bass, Maria Victoria Otero-Espinar, Daniel Rockmore, and Charles Tresser. Cyclic renormalization. *Lecture Notes in Mathematics*, 1621:1–51, 1996. CODEN LNMAA2. ISBN 3-540-60595-9 (print), 3-540-47812-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096322/>.

**Bass:1996:CRA**

- [BOERT96c] Hyman Bass, Maria Victoria Otero-Espinar, Daniel Rockmore, and Charles Tresser. *Cyclic Renormalization and Automorphism Groups of Rooted Trees*, volume 1621 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1996. CODEN LNMAA2. ISBN 3-540-60595-9 (print), 3-540-47812-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). xxii + 163 pp. LCCN QA3 .L28 no. 1621. URL <http://link.springer.com/book/10.1007/BFb0096321>; <http://www.springerlink.com/content/978-3-540-47812-6>.

**Bass:1996:ICR**

- [BOERT96d] Hyman Bass, Maria Victoria Otero-Espinar, Daniel Rockmore, and Charles Tresser. Itinerary calculus and renormalization. *Lecture Notes in Mathematics*, 1621:53–101, 1996. CODEN LNMAA2. ISBN 3-540-60595-9 (print), 3-540-47812-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096323/>.

**Bass:1996:STA**

- [BOERT96e] Hyman Bass, Maria Victoria Otero-Espinar, Daniel Rockmore, and Charles Tresser. Spherically transitive automorphisms of rooted trees. *Lecture Notes in Mathematics*, 1621:103–133, 1996. CODEN LNMAA2. ISBN 3-540-60595-9 (print), 3-540-47812-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096324/>.

**Bogley:1990:LCD**

- [Bog90] William A. Bogley. Local collapses for diagrammatic reducibility. *Lecture Notes in Mathematics*, 1440:27–38, 1990. CODEN LNMAA2. ISBN 3-540-52990-X (print), 3-540-46296-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084447/>.

**Boillat:1996:NLH**

- [Boi96] Guy Boillat. Non linear hyperbolic fields and waves. *Lecture Notes in Mathematics*, 1640:1–47, 1996. CODEN LNMAA2. ISBN 3-540-61907-0 (print), 3-540-49565-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093705/>.

**Bolibruch:1992:FSR**

- [Bol92] A. A. Bolibruch. Fuchsian systems with reducible monodromy and the Riemann–Hilbert problem. *Lecture Notes in Mathematics*, 1520:139–155, 1992. CODEN LNMAA2. ISBN 3-540-55583-8 (print), 3-540-47223-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084719/>.

**Boman:1991:HST**

- [Bom91] Jan Boman. Helgason’s support theorem for Radon transforms — a new proof and a generalization. *Lecture Notes in Mathematics*, 1497:1–5, 1991. CODEN LNMAA2. ISBN 3-540-54970-6 (print), 3-540-46615-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084503/>.

**Bony:1991:AME**

- [Bon91] Jean-Michel Bony. Analyse microlocale des équations aux dérivées partielles non linéaires. (French) []. *Lecture Notes in Mathematics*, 1495:1–45, 1991. CODEN LNMAA2. ISBN 3-540-54948-X

(print), 3-540-46603-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085121/>.

**Booth:1990:EHT**

- [Boo90] Peter Booth. Equivalent homotopy theories and groups of self-equivalences. *Lecture Notes in Mathematics*, 1425:1–16, 1990. CODEN LNMAA2. ISBN 3-540-52658-7 (print), 3-540-47091-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083826/>.

**Borel:1990:PCP**

- [Bor90a] Jean-Pierre Borel. Polynômes à coefficients positifs multiples d'un polynôme donné. (French) []. *Lecture Notes in Mathematics*, 1415: 97–115, 1990. CODEN LNMAA2. ISBN 3-540-52190-9 (print), 3-540-46919-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084881/>.

**Borisovich:1990:LSM**

- [Bor90b] A. Yu. Borisovich. Lyapunov–Schmidt method and types of singularities of critical points of key function in the problem of bifurcations of minimal surfaces. *Lecture Notes in Mathematics*, 1453:201–210, 1990. CODEN LNMAA2. ISBN 3-540-53407-5 (print), 3-540-46861-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085956/>.

**Borisovich:1990:MAT**

- [Bor90c] Yu. G. Borisovich. A modern approach to the theory of topological characteristics of non-linear operators. II. *Lecture Notes in Mathematics*, 1453:21–49, 1990. CODEN LNMAA2. ISBN 3-540-53407-5 (print), 3-540-46861-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085945/>.

**Borobia:1992:MPN**

- [Bor92] Alberto Borobia. Mirror property for nonsingular mixed configurations of one line and  $k$  points in  $R^3$ . *Lecture Notes in Mathematics*, 1524:140–144, 1992. CODEN LNMAA2. ISBN 3-540-55992-2 (print), 3-540-47337-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084614/>.

**Bornemann:1998:ARQ**

- [Bor98a] Folkmar Bornemann. Adiabatic results in quantum theory and quantum-classical coupling. *Lecture Notes in Mathematics*, 1687: 89–114, 1998. CODEN LNMAA2. ISBN 3-540-64447-4 (print), 3-540-69784-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092095/>.

**Bornemann:1998:A**

- [Bor98b] Folkmar Bornemann. Applications. *Lecture Notes in Mathematics*, 1687:73–88, 1998. CODEN LNMAA2. ISBN 3-540-64447-4 (print), 3-540-69784-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092094/>.

**Bornemann:1998:HTS**

- [Bor98c] Folkmar Bornemann. *Homogenization in Time of Singularly Perturbed Mechanical Systems*, volume 1687 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1998. CODEN LNMAA2. ISBN 3-540-64447-4 (print), 3-540-69784-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). xii + 156 pp. LCCN QA3 .L28 no. 1687. URL <http://link.springer.com/book/10.1007/BFb0092091>; <http://www.springerlink.com/content/978-3-540-69784-8>.

**Bornemann:1998:HNM**

- [Bor98d] Folkmar Bornemann. Homogenization of natural mechanical systems with a strong constraining potential. *Lecture Notes in Mathematics*, 1687:17–72, 1998. CODEN LNMAA2. ISBN 3-540-64447-4 (print), 3-540-69784-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092093/>.

**Bornemann:1998:I**

- [Bor98e] Folkmar Bornemann. Introduction. *Lecture Notes in Mathematics*, 1687:1–16, 1998. CODEN LNMAA2. ISBN 3-540-64447-4 (print), 3-540-69784-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092092/>.

**Bothe:1992:EAS**

- [Bot92] H. G. Bothe. Expanding attractors with stable foliations of class  $C^0$ . *Lecture Notes in Mathematics*, 1514:36–61, 1992. CODEN LNMAA2. ISBN 3-540-55444-0 (print), 3-540-47076-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0097527/>.

**Bougerol:1991:FKB**

- [Bou91a] Philippe Bougerol. Filtre de Kalman Bucy et exposants de Lyapounov. (French) []. *Lecture Notes in Mathematics*, 1486:112–122, 1991. CODEN LNMAA2. ISBN 3-540-54662-6 (print), 3-540-46431-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086662/>.

**Bourgain:1991:DPH**

- [Bou91b] J. Bourgain. On the distribution of polynomials on high dimensional convex sets. *Lecture Notes in Mathematics*, 1469:127–137, 1991. CODEN LNMAA2. ISBN 3-540-54024-5 (print), 3-540-47355-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0089219/>.

**Bourgain:1991:RMC**

- [Bou91c] J. Bourgain. Remarks on Montgomery’s conjectures on Dirichlet sums. *Lecture Notes in Mathematics*, 1469:153–165, 1991. CODEN LNMAA2. ISBN 3-540-54024-5 (print), 3-540-47355-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0089222/>.

**Bourgain:1991:RMP**

- [Bou91d] Jean Bourgain. On the restriction and multiplier problems in  $R^3$ . *Lecture Notes in Mathematics*, 1469:179–191, 1991. CODEN LNMAA2. ISBN 3-540-54024-5 (print), 3-540-47355-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0089225/>.

**Bourn:1991:NEK**

- [Bou91e] Dominique Bourn. Normalization equivalence, kernel equivalence and affine categories. *Lecture Notes in Mathematics*, 1488:43–62, 1991. CODEN LNMAA2. ISBN 3-540-54706-1 (print), 3-540-46435-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic).

tronic). URL <http://link.springer.com/chapter/10.1007/BFb0084212/>.

**Bouc:1997:AC**

- [Bou97a] Serge Bouc. Adjoint constructions. *Lecture Notes in Mathematics*, 1671:183–222, 1997. CODEN LNMAA2. ISBN 3-540-63550-5 (print), 3-540-69596-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0095831/>.

**Bouc:1997:AGF**

- [Bou97b] Serge Bouc. Adjunction and Green functors. *Lecture Notes in Mathematics*, 1671:223–274, 1997. CODEN LNMAA2. ISBN 3-540-63550-5 (print), 3-540-69596-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0095832/>.

**Bouc:1997:AAG**

- [Bou97c] Serge Bouc. The algebra associated to a Green functor. *Lecture Notes in Mathematics*, 1671:81–97, 1997. CODEN LNMAA2. ISBN 3-540-63550-5 (print), 3-540-69596-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0095826/>.

**Bouc:1997:CAG**

- [Bou97d] Serge Bouc. The category associated to a Green functor. *Lecture Notes in Mathematics*, 1671:61–80, 1997. CODEN LNMAA2. ISBN 3-540-63550-5 (print), 3-540-69596-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0095825/>.

**Bouc:1997:Cb**

- [Bou97e] Serge Bouc. Centres. *Lecture Notes in Mathematics*, 1671:305–336, 1997. CODEN LNMAA2. ISBN 3-540-63550-5 (print), 3-540-69596-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0095834/>.

**Bouc:1997:Ca**

- [Bou97f] Serge Bouc. Composition. *Lecture Notes in Mathematics*, 1671:167–182, 1997. CODEN LNMAA2. ISBN 3-540-63550-5 (print), 3-540-69596-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0095830/>.

**Bouc:1997:CGF**

- [Bou97g] Serge Bouc. Construction of Green functors. *Lecture Notes in Mathematics*, 1671:123–152, 1997. CODEN LNMAA2. ISBN 3-540-63550-5 (print), 3-540-69596-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0095828/>.

**Bouc:1997:GF**

- [Bou97h] Serge Bouc. Green functors. *Lecture Notes in Mathematics*, 1671:41–60, 1997. CODEN LNMAA2. ISBN 3-540-63550-5 (print), 3-540-69596-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0095824/>.

**Bouc:1997:GFS**

- [Bou97i] Serge Bouc. *Green Functors and G-sets*, volume 1671 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1997. CODEN LNMAA2. ISBN 3-540-63550-5 (print), 3-540-69596-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). viii + 342 pp. LCCN QA3 .L28 no. 1671. URL <http://link.springer.com/book/10.1007/BFb0095821>; <http://www.springerlink.com/content/978-3-540-69596-7>.

**Bouc:1997:I**

- [Bou97j] Serge Bouc. Introduction. *Lecture Notes in Mathematics*, 1671:1–3, 1997. CODEN LNMAA2. ISBN 3-540-63550-5 (print), 3-540-69596-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0095822/>.

**Bouc:1997:MF**

- [Bou97k] Serge Bouc. Mackey functors. *Lecture Notes in Mathematics*, 1671:5–39, 1997. CODEN LNMAA2. ISBN 3-540-63550-5 (print), 3-540-69596-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0095823/>.

**Bouc:1997:MER**

- [Bou97l] Serge Bouc. Morita equivalence and relative projectivity. *Lecture Notes in Mathematics*, 1671:99–121, 1997. CODEN LNMAA2. ISBN 3-540-63550-5 (print), 3-540-69596-6 (e-book).

ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0095827/>.

**Bouc:1997:MT**

- [Bou97m] Serge Bouc. A Morita theory. *Lecture Notes in Mathematics*, 1671:153–165, 1997. CODEN LNMAA2. ISBN 3-540-63550-5 (print), 3-540-69596-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0095829/>.

**Bouc:1997:SM**

- [Bou97n] Serge Bouc. The simple modules. *Lecture Notes in Mathematics*, 1671:275–304, 1997. CODEN LNMAA2. ISBN 3-540-63550-5 (print), 3-540-69596-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0095833/>.

**Bouscaren:1998:IMT**

- [Bou98a] Elisabeth Bouscaren. Introduction to model theory. *Lecture Notes in Mathematics*, 1696:1–18, 1998. CODEN LNMAA2. ISBN 3-540-64863-1 (print), 3-540-68521-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-540-68521-0\\_1/](http://link.springer.com/chapter/10.1007/978-3-540-68521-0_1/); <http://link.springer.com/content/pdf/bfm:978-3-540-68521-0/1.pdf>.

**Bouscaren:1998:MTA**

- [Bou98b] Elisabeth Bouscaren. *Model Theory and Algebraic Geometry: An introduction to E. Hrushovski's proof of the geometric Mordell–Lang conjecture*, volume 1696 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1998. CODEN LNMAA2. ISBN 3-540-64863-1 (print), 3-540-68521-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). xvi + 211 pp. LCCN QA3 .L28 no. 1696. URL <http://link.springer.com/book/10.1007/978-3-540-68521-0>; <http://www.springerlink.com/content/978-3-540-68521-0>.

**Bouscaren:1998:PML**

- [Bou98c] Elisabeth Bouscaren. Proof of the Mordell–Lang conjecture for function fields. *Lecture Notes in Mathematics*, 1696:177–196, 1998. CODEN LNMAA2. ISBN 3-540-64863-1 (print), 3-540-68521-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (elec-

tronic). URL [http://link.springer.com/chapter/10.1007/978-3-540-68521-0\\_10/](http://link.springer.com/chapter/10.1007/978-3-540-68521-0_10/).

**Bolton:1991:MI**

- [BOWV91] J. Bolton, W. M. Oxbury, L. M. Woodward, and L. Vrancken. Minimal immersions of  $\mathbf{RP}^2$  into  $\mathbf{C}P^n$ . *Lecture Notes in Mathematics*, 1481:18–27, 1991. CODEN LNMAA2. ISBN 3-540-54728-2 (print), 3-540-46445-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083624/>.

**Boxler:1991:HCS**

- [Box91] Petra Boxler. How to construct stochastic center manifolds on the level of vector fields. *Lecture Notes in Mathematics*, 1486:141–158, 1991. CODEN LNMAA2. ISBN 3-540-54662-6 (print), 3-540-46431-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086664/>.

**Barlow:1990:PUE**

- [BP90a] Martin T. Barlow and Edwin A. Perkins. On pathwise uniqueness and expansion of filtrations. *Lecture Notes in Mathematics*, 1426:194–209, 1990. CODEN LNMAA2. ISBN 3-540-52694-3 (print), 3-540-47098-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083766/>.

**Barlow:1990:CS**

- [BP90b] Martin T. Barlow and Philip Protter. On convergence of semimartingales. *Lecture Notes in Mathematics*, 1426:188–193, 1990. CODEN LNMAA2. ISBN 3-540-52694-3 (print), 3-540-47098-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083765/>.

**Bhat:1991:GHO**

- [BP91] B. V. Rajarama Bhat and K. R. Parthasarathy. Generalized harmonic oscillators in quantum probability. *Lecture Notes in Mathematics*, 1485:39–51, 1991. CODEN LNMAA2. ISBN 3-540-54616-2 (print), 3-540-38496-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0100845/>.

**Benedetti:1997:BSQ**

- [BP97a] Riccardo Benedetti and Carlo Petronio. Branched spines and quantum invariants. *Lecture Notes in Mathematics*, 1653:98–107, 1997. CODEN LNMAA2. ISBN 3-540-62627-1 (print), 3-540-68345-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093628/>.

**Benedetti:1997:BSSa**

- [BP97b] Riccardo Benedetti and Carlo Petronio. Branched standard spines. *Lecture Notes in Mathematics*, 1653:23–39, 1997. CODEN LNMAA2. ISBN 3-540-62627-1 (print), 3-540-68345-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093623/>.

**Benedetti:1997:BSSb**

- [BP97c] Riccardo Benedetti and Carlo Petronio. *Branched Standard Spines of 3-manifolds*, volume 1653 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1997. CODEN LNMAA2. ISBN 3-540-62627-1 (print), 3-540-68345-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). viii + 132 pp. LCCN QA3 .L28 no. 1653. URL <http://link.springer.com/book/10.1007/BFb0093620>; <http://www.springerlink.com/content/978-3-540-68345-2>.

**Benedetti:1997:CCM**

- [BP97d] Riccardo Benedetti and Carlo Petronio. Combed closed manifolds. *Lecture Notes in Mathematics*, 1653:64–72, 1997. CODEN LNMAA2. ISBN 3-540-62627-1 (print), 3-540-68345-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093625/>.

**Benedetti:1997:FSM**

- [BP97e] Riccardo Benedetti and Carlo Petronio. Framed and spin manifolds. *Lecture Notes in Mathematics*, 1653:85–97, 1997. CODEN LNMAA2. ISBN 3-540-62627-1 (print), 3-540-68345-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093627/>.

**Benedetti:1997:HCC**

- [BP97f] Riccardo Benedetti and Carlo Petronio. Homology and cohomology computations. *Lecture Notes in Mathematics*, 1653:121–

126, 1997. CODEN LNMAA2. ISBN 3-540-62627-1 (print), 3-540-68345-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093630/>.

**Benedetti:1997:MB**

- [BP97g] Riccardo Benedetti and Carlo Petronio. Manifolds with boundary. *Lecture Notes in Mathematics*, 1653:40–63, 1997. CODEN LNMAA2. ISBN 3-540-62627-1 (print), 3-540-68345-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093624/>.

**Benedetti:1997:MCC**

- [BP97h] Riccardo Benedetti and Carlo Petronio. More on combings, and the closed calculus. *Lecture Notes in Mathematics*, 1653:73–84, 1997. CODEN LNMAA2. ISBN 3-540-62627-1 (print), 3-540-68345-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093626/>.

**Benedetti:1997:MPS**

- [BP97i] Riccardo Benedetti and Carlo Petronio. Motivations, plan and statements. *Lecture Notes in Mathematics*, 1653:1–12, 1997. CODEN LNMAA2. ISBN 3-540-62627-1 (print), 3-540-68345-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093621/>.

**Benedetti:1997:PP**

- [BP97j] Riccardo Benedetti and Carlo Petronio. Problems and perspectives. *Lecture Notes in Mathematics*, 1653:108–120, 1997. CODEN LNMAA2. ISBN 3-540-62627-1 (print), 3-540-68345-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093629/>.

**Benedetti:1997:RSS**

- [BP97k] Riccardo Benedetti and Carlo Petronio. A review on standard spines and *o*-graphs. *Lecture Notes in Mathematics*, 1653:13–22, 1997. CODEN LNMAA2. ISBN 3-540-62627-1 (print), 3-540-68345-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093622/>.

**Burkholder:1991:EEP**

- [BPSH91] D. L. (Donald L.) Burkholder, E. (Etienne) Pardoux, Alain-Sol Sznitman, and Paul Louis Hennequin, editors. *Ecole d'été de probabilités de Saint-Flour XIX, 1989. (French) [Saint-Flour Summer School on Probability XIX, 1989]*, volume 1464 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1991. CODEN LNMAA2. ISBN 0-387-53841-0, 3-540-53841-0 (print), 3-540-46319-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1464. URL <http://link.springer.com/book/10.1007/BFb0085166>; <http://www.springerlink.com/content/978-3-540-46319-1>.

**Burstall:1990:FHS**

- [BR90a] Francis E. Burstall and John H. Rawnsley. Factorisation of harmonic spheres in Lie groups. *Lecture Notes in Mathematics*, 1424: 90–105, 1990. CODEN LNMAA2. ISBN 3-540-52602-1 (print), 3-540-47052-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0095570>.

**Burstall:1990:FM**

- [BR90b] Francis E. Burstall and John H. Rawnsley. Flag manifolds. *Lecture Notes in Mathematics*, 1424:39–62, 1990. CODEN LNMAA2. ISBN 3-540-52602-1 (print), 3-540-47052-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0095566>.

**Burstall:1990:HMT**

- [BR90c] Francis E. Burstall and John H. Rawnsley. Harmonic maps and twistor spaces. *Lecture Notes in Mathematics*, 1424:15–21, 1990. CODEN LNMAA2. ISBN 3-540-52602-1 (print), 3-540-47052-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0095564>.

**Burstall:1990:HG**

- [BR90d] Francis E. Burstall and John H. Rawnsley. Homogeneous geometry. *Lecture Notes in Mathematics*, 1424:6–14, 1990. CODEN LNMAA2. ISBN 3-540-52602-1 (print), 3-540-47052-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0095563>.

**Burstall:1990:I**

- [BR90e] Francis E. Burstall and John H. Rawnsley. Introduction. *Lecture Notes in Mathematics*, 1424:1–5, 1990. CODEN LNMAA2. ISBN 3-540-52602-1 (print), 3-540-47052-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0095562/>.

**Burstall:1990:SHS**

- [BR90f] Francis E. Burstall and John H. Rawnsley. Stable harmonic 2-spheres. *Lecture Notes in Mathematics*, 1424:81–89, 1990. CODEN LNMAA2. ISBN 3-540-52602-1 (print), 3-540-47052-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0095569/>.

**Burstall:1990:SS**

- [BR90g] Francis E. Burstall and John H. Rawnsley. Symmetric spaces. *Lecture Notes in Mathematics*, 1424:22–38, 1990. CODEN LNMAA2. ISBN 3-540-52602-1 (print), 3-540-47052-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0095565/>.

**Burstall:1990:TLR**

- [BR90h] Francis E. Burstall and John H. Rawnsley. Twistor lifts over Riemannian symmetric spaces. *Lecture Notes in Mathematics*, 1424:71–80, 1990. CODEN LNMAA2. ISBN 3-540-52602-1 (print), 3-540-47052-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0095568/>.

**Burstall:1990:TSR**

- [BR90i] Francis E. Burstall and John H. Rawnsley. The twistor space of a Riemannian symmetric space. *Lecture Notes in Mathematics*, 1424:63–70, 1990. CODEN LNMAA2. ISBN 3-540-52602-1 (print), 3-540-47052-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0095567/>.

**Burstall:1990:TTR**

- [BR90j] Francis E. Burstall and John H. Rawnsley. *Twistor Theory for Riemannian Symmetric Spaces: With Applications to Harmonic Maps of Riemann Surfaces*, volume 1424 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1990.

CODEN LNMAA2. ISBN 3-540-52602-1 (print), 3-540-47052-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). iv + 112 pp. LCCN QA3 .L28 no. 1424. URL <http://link.springer.com/book/10.1007/BFb0095561>; <http://www.springerlink.com/content/978-3-540-47052-6>.

**Biais:1997:RSA**

[BR97]

Bruno Biais and Jean Charles Rochet. Risk sharing, adverse selection and market structure. *Lecture Notes in Mathematics*, 1656: 1–51, 1997. CODEN LNMAA2. ISBN 3-540-62642-5 (print), 3-540-68356-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0091998/>.

**Braides:1998:AFD**

[Bra98a]

Andrea Braides. *Approximation of Free-Discontinuity Problems*, volume 1694 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1998. CODEN LNMAA2. ISBN 3-540-64771-6 (print), 3-540-68714-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). xii + 149 pp. LCCN QA3 .L28 no. 1694. URL <http://link.springer.com/book/10.1007/BFb0097344>; <http://www.springerlink.com/content/978-3-540-68714-6>.

**Braides:1998:EA**

[Bra98b]

Andrea Braides. Examples of approximation. *Lecture Notes in Mathematics*, 1694:39–86, 1998. CODEN LNMAA2. ISBN 3-540-64771-6 (print), 3-540-68714-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0097348/>.

**Braides:1998:FBV**

[Bra98c]

Andrea Braides. Functions of bounded variation. *Lecture Notes in Mathematics*, 1694:7–26, 1998. CODEN LNMAA2. ISBN 3-540-64771-6 (print), 3-540-68714-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0097346/>.

**Braides:1998:GAA**

[Bra98d]

Andrea Braides. A general approach to approximation. *Lecture Notes in Mathematics*, 1694:87–102, 1998. CODEN LNMAA2. ISBN 3-540-64771-6 (print), 3-540-68714-9 (e-book).

ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0097349/>.

**Braides:1998:I**

- [Bra98e] Andrea Braides. Introduction. *Lecture Notes in Mathematics*, 1694:1–6, 1998. CODEN LNMAA2. ISBN 3-540-64771-6 (print), 3-540-68714-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0097345/>.

**Braides:1998:NLA**

- [Bra98f] Andrea Braides. Non-local approximation. *Lecture Notes in Mathematics*, 1694:103–130, 1998. CODEN LNMAA2. ISBN 3-540-64771-6 (print), 3-540-68714-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0097350/>.

**Braides:1998:SFB**

- [Bra98g] Andrea Braides. Special functions of bounded variation. *Lecture Notes in Mathematics*, 1694:27–38, 1998. CODEN LNMAA2. ISBN 3-540-64771-6 (print), 3-540-68714-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0097347/>.

**Brezis:1993:NEH**

- [Bré93] Haïm Brézis. New energies for harmonic maps and liquid crystals. *Lecture Notes in Mathematics*, 1540:11–24, 1993. CODEN LNMAA2. ISBN 3-540-56471-3 (print), 3-540-47565-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085471/>.

**Breitung:1994:ANI**

- [Bre94a] Karl Wilhelm Breitung. Approximations for normal integrals. *Lecture Notes in Mathematics*, 1592:85–105, 1994. CODEN LNMAA2. ISBN 3-540-58617-2 (print), 3-540-49033-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073544/>.

**Breitung:1994:API**

- [Bre94b] Karl Wilhelm Breitung. Arbitrary probability integrals. *Lecture Notes in Mathematics*, 1592:106–120, 1994. CODEN LNMAA2. ISBN 3-540-58617-2 (print), 3-540-49033-7 (e-book).

ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073545/>.

**Breitung:1994:AA**

- [Bre94c] Karl Wilhelm Breitung. Asymptotic analysis. *Lecture Notes in Mathematics*, 1592:34–44, 1994. CODEN LNMAA2. ISBN 3-540-58617-2 (print), 3-540-49033-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073541/>.

**Breitung:1994:AAP**

- [Bre94d] Karl Wilhelm Breitung. *Asymptotic Approximations for Probability Integrals*, volume 1592 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1994. CODEN LNMAA2. ISBN 3-540-58617-2 (print), 3-540-49033-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). viii + 146 pp. LCCN QA3 .L28 no. 1592. URL <http://link.springer.com/book/10.1007/BFb0073538>; <http://www.springerlink.com/content/978-3-540-49033-3>.

**Breitung:1994:CRS**

- [Bre94e] Karl Wilhelm Breitung. Crossing rates of stochastic processes. *Lecture Notes in Mathematics*, 1592:121–134, 1994. CODEN LNMAA2. ISBN 3-540-58617-2 (print), 3-540-49033-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073546/>.

**Breitung:1994:I**

- [Bre94f] Karl Wilhelm Breitung. Introduction. *Lecture Notes in Mathematics*, 1592:1–8, 1994. CODEN LNMAA2. ISBN 3-540-58617-2 (print), 3-540-49033-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073539/>.

**Breitung:1994:MP**

- [Bre94g] Karl Wilhelm Breitung. Mathematical preliminaries. *Lecture Notes in Mathematics*, 1592:9–33, 1994. CODEN LNMAA2. ISBN 3-540-58617-2 (print), 3-540-49033-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073540/>.

**Breitung:1994:MLT**

- [Bre94h] Karl Wilhelm Breitung. Multivariate Laplace type integrals. *Lecture Notes in Mathematics*, 1592:51–84, 1994. CODEN LNMAA2. ISBN 3-540-58617-2 (print), 3-540-49033-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073543/>.

**Breitung:1994:UI**

- [Bre94i] Karl Wilhelm Breitung. Univariate integrals. *Lecture Notes in Mathematics*, 1592:45–50, 1994. CODEN LNMAA2. ISBN 3-540-58617-2 (print), 3-540-49033-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073542/>.

**Brinzanescu:1996:CVB**

- [Brî96a] Vasile Brînzănescu. Classification of vector bundles. *Lecture Notes in Mathematics*, 1624:119–155, 1996. CODEN LNMAA2. ISBN 3-540-61018-9 (print), 3-540-49845-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093701/>.

**Brinzanescu:1996:EHV**

- [Brî96b] Vasile Brînzănescu. Existence of holomorphic vector bundles. *Lecture Notes in Mathematics*, 1624:85–117, 1996. CODEN LNMAA2. ISBN 3-540-61018-9 (print), 3-540-49845-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093700/>.

**Brinzanescu:1996:FCC**

- [Brî96c] Vasile Brînzănescu. Facts on compact complex surfaces. *Lecture Notes in Mathematics*, 1624:29–52, 1996. CODEN LNMAA2. ISBN 3-540-61018-9 (print), 3-540-49845-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093698/>.

**Brinzanescu:1996:HVB**

- [Brî96d] Vasile Brînzănescu. *Holomorphic Vector Bundles over Compact Complex Surfaces*, volume 1624 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1996. CODEN LNMAA2. ISBN 3-540-61018-9 (print), 3-540-49845-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). x + 170 pp. LCCN QA3 .L28 no. 1624.

- URL <http://link.springer.com/book/10.1007/BFb0093696>;  
<http://www.springerlink.com/content/978-3-540-49845-2>.
- Brinzaescu:1996:LBS**
- [Brî96e] Vasile Brînzăescu. Line bundles over surfaces. *Lecture Notes in Mathematics*, 1624:53–83, 1996. CODEN LNMAA2. ISBN 3-540-61018-9 (print), 3-540-49845-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093699/>.
- Brinzaescu:1996:VBC**
- [Brî96f] Vasile Brînzăescu. Vector bundles over complex manifolds. *Lecture Notes in Mathematics*, 1624:1–27, 1996. CODEN LNMAA2. ISBN 3-540-61018-9 (print), 3-540-49845-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093697/>.
- Brockner:1990:SIN**
- [Brö90a] Ludwig Bröcker. On the stability index of Noetherian rings. *Lecture Notes in Mathematics*, 1420:72–80, 1990. CODEN LNMAA2. ISBN 3-540-52313-8 (print), 3-540-46952-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083912/>.
- Brown:1990:SPN**
- [Bro90b] Ronald Brown. Some problems in non-abelian homotopical and homological algebra. *Lecture Notes in Mathematics*, 1418:105–129, 1990. CODEN LNMAA2. ISBN 3-540-52246-8 (print), 3-540-46938-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083697/>.
- Brockner:1992:FSS**
- [Brö92] Ludwig Bröcker. Families of semialgebraic sets and limits. *Lecture Notes in Mathematics*, 1524:145–162, 1992. CODEN LNMAA2. ISBN 3-540-55992-2 (print), 3-540-47337-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084615/>.
- Brockhaus:1993:SSB**
- [Bro93] Oliver Brockhaus. Sufficient statistics for the Brownian sheet. *Lecture Notes in Mathematics*, 1557:44–52, 1993. CODEN LNMAA2. ISBN 3-540-57282-1 (print), 3-540-48034-X (e-book).

ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0087963/>.

**Brokate:1994:HO**

- [Bro94] Martin Brokate. Hysteresis operators. *Lecture Notes in Mathematics*, 1584:1–38, 1994. CODEN LNMAA2. ISBN 3-540-58386-6 (print), 3-540-48678-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073394/>.

**Bobadilla:1994:CCI**

- [BRS94] Gladys Bobadilla, Rolando Rebolledo, and Eugenio Saavedra. Corrections à: “Sur la convergence d’intégrales anticipatives”. (French) []. *Lecture Notes in Mathematics*, 1583:113–115, 1994. CODEN LNMAA2. ISBN 3-540-58331-9 (print), 3-540-48656-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073839/>.

**Bruns:1990:SLM**

- [Bru90] Winfried Bruns. Straightening laws on modules and their symmetric algebras. *Lecture Notes in Mathematics*, 1430:1–20, 1990. CODEN LNMAA2. ISBN 3-540-52745-1 (print), 3-540-47136-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085533/>.

**Brumfiel:1992:HFP**

- [Bru92a] G. W. Brumfiel. A Hopf fixed point theorem for semi-algebraic maps. *Lecture Notes in Mathematics*, 1524:163–169, 1992. CODEN LNMAA2. ISBN 3-540-55992-2 (print), 3-540-47337-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084616/>.

**Brumfiel:1992:ROS**

- [Bru92b] G. W. Brumfiel. On regular open semi-algebraic sets. *Lecture Notes in Mathematics*, 1524:170–173, 1992. CODEN LNMAA2. ISBN 3-540-55992-2 (print), 3-540-47337-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084617/>.

**Beltrametti:1990:SPS**

- [BS90a] Mauro Beltrametti and Andrew J. Sommese. On  $K$ -spannedness for projective surfaces. *Lecture Notes in Mathematics*, 1417:24–51, 1990. CODEN LNMAA2. ISBN 3-540-52217-4 (print), 3-

540-46934-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083331/>.

**Borisovich:1990:RTC**

- [BS90b] Yu. G. Borisovich and M. I. Shpilberg. Relative topological characteristics of mappings. *Lecture Notes in Mathematics*, 1453:211–225, 1990. CODEN LNMAA2. ISBN 3-540-53407-5 (print), 3-540-46861-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085957/>.

**Brunn:1990:CAP**

- [BS90c] Winfried Bruns and Aron Simis, editors. *Commutative Algebra: Proceedings of a Workshop held in Salvador, Brazil, Aug. 8–17, 1988*, volume 1430 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1990. CODEN LNMAA2. ISBN 3-540-52745-1 (print), 3-540-47136-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1430. URL <http://link.springer.com/book/10.1007/BFb0085532>; <http://www.springerlink.com/content/978-3-540-47136-3>.

**Bohnhorst:1992:SCV**

- [BS92] Guntram Bohnhorst and Heinz Spindler. The stability of certain vector bundles on  $\mathbf{P}^n$ . *Lecture Notes in Mathematics*, 1507:39–50, 1992. CODEN LNMAA2. ISBN 3-540-55235-9 (print), 3-540-46786-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094509/>.

**Blum:1997:BM**

- [BS97a] A. Blum and U. Stuhler. Back matter. *Lecture Notes in Mathematics*, 1649:??, 1997. CODEN LNMAA2. ISBN 3-540-62401-5 (print), 3-540-49701-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/content/pdf/bbm:978-3-540-49701-1/1.pdf>.

**Blum:1997:DME**

- [BS97b] A. Blum and U. Stuhler. Drinfeld modules and elliptic sheaves. *Lecture Notes in Mathematics*, 1649:110–188, 1997. CODEN LNMAA2. ISBN 3-540-62401-5 (print), 3-540-49701-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094426/>.

**Brannath:1999:BT**

- [BS99] W. Brannath and W. Schachermayer. A bipolar theorem for  $L_+^0(\Omega, \mathcal{F}, \mathbf{P})$ . *Lecture Notes in Mathematics*, 1709:349–354, 1999. CODEN LNMAA2. ISBN 3-540-66342-8 (print), 3-540-48407-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096525/>.

**Beghdadi-Sakrani:1999:CPE**

- [BSÉ99] S. Beghdadi-Sakrani and M. Émery. On certain probabilities equivalent to coin-tossing, d'après Schachermayer. *Lecture Notes in Mathematics*, 1709:240–256, 1999. CODEN LNMAA2. ISBN 3-540-66342-8 (print), 3-540-48407-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096514/>.

**Beltrametti:1992:RVM**

- [BSW92] Mauro C. Beltrametti, Andrew J. Sommese, and Jarosław A. Wiśniewski. Results on varieties with many lines and their applications to adjunction theory. *Lecture Notes in Mathematics*, 1507: 16–38, 1992. CODEN LNMAA2. ISBN 3-540-55235-9 (print), 3-540-46786-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094508/>.

**Buslaev:1993:STN**

- [BT93] A. P. Buslaev and V. M. Tikhomirov. Spectral theory of nonlinear equations and  $n$ -widths of Sobolev spaces. *Lecture Notes in Mathematics*, 1550:19–30, 1993. CODEN LNMAA2. ISBN 3-540-56931-6 (print), 3-540-47792-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0117471/>.

**Berndt:1995:DRS**

- [BTV95a] Jürgen Berndt, Franco Tricerri, and Lieven Vanhecke. Damek-Ricci spaces. *Lecture Notes in Mathematics*, 1598:78–114, 1995. CODEN LNMAA2. ISBN 3-540-59001-3 (print), 3-540-49171-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0076906/>.

**Berndt:1995:GHGa**

- [BTV95b] Jürgen Berndt, Franco Tricerri, and Lieven Vanhecke. Generalized Heisenberg groups. *Lecture Notes in Mathematics*, 1598:

21–77, 1995. CODEN LNMAA2. ISBN 3-540-59001-3 (print), 3-540-49171-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0076905/>.

Berndt:1995:GHGb

- [BT95c] Jürgen Berndt, Franco Tricerri, and Lieven Vanhecke. *Generalized Heisenberg Groups and Damek–Ricci Harmonic Spaces*, volume 1598 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1995. CODEN LNMAA2. ISBN 3-540-59001-3 (print), 3-540-49171-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). viii + 125 pp. LCCN QA3 .L28 no. 1598. URL <http://link.springer.com/book/10.1007/BFb0076902>; <http://www.springerlink.com/content/978-3-540-49171-2>.

Berndt:1995:I

- [BT95d] Jürgen Berndt, Franco Tricerri, and Lieven Vanhecke. Introduction. *Lecture Notes in Mathematics*, 1598:1–3, 1995. CODEN LNMAA2. ISBN 3-540-59001-3 (print), 3-540-49171-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/BFb0076903/](http://link.springer.com/chapter/10.1007/BFb0076903).

Berndt:1995:SLR

- [BT95e] Jürgen Berndt, Franco Tricerri, and Lieven Vanhecke. Symmetric-like Riemannian manifolds. *Lecture Notes in Mathematics*, 1598: 4–20, 1995. CODEN LNMAA2. ISBN 3-540-59001-3 (print), 3-540-49171-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/BFb0076904/](http://link.springer.com/chapter/10.1007/BFb0076904).

Buium:1992:AGS

- [Bui92a] Alexandru Buium. Affine  $D$ -group schemes. *Lecture Notes in Mathematics*, 1506:30–59, 1992. CODEN LNMAA2. ISBN 3-540-55181-6 (print), 3-540-46764-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/BFb0087238/](http://link.springer.com/chapter/10.1007/BFb0087238).

Buium:1992:ADA

- [Bui92b] Alexandru Buium. Applications to differential algebraic groups. *Lecture Notes in Mathematics*, 1506:99–136, 1992. CODEN LNMAA2. ISBN 3-540-55181-6 (print), 3-540-46764-5 (e-book).

ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0087241/>.

**Buium:1992:CAG**

- [Bui92c] Alexandru Buium. Commutative algebraic  $D$ -groups. *Lecture Notes in Mathematics*, 1506:60–86, 1992. CODEN LNMAA2. ISBN 3-540-55181-6 (print), 3-540-46764-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0087239/>.

**Buium:1992:DAG**

- [Bui92d] Alexandru Buium. *Differential Algebraic Groups of Finite Dimension*, volume 1506 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1992. CODEN LNMAA2. ISBN 3-540-55181-6 (print), 3-540-46764-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). xvi + 145 pp. LCCN QA3 .L28 no. 1506. URL <http://link.springer.com/book/10.1007/BFb0087235>; <http://www.springerlink.com/content/978-3-540-46764-9>.

**Buium:1992:FP**

- [Bui92e] Alexandru Buium. First properties. *Lecture Notes in Mathematics*, 1506:7–29, 1992. CODEN LNMAA2. ISBN 3-540-55181-6 (print), 3-540-46764-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0087237/>.

**Buium:1992:GAG**

- [Bui92f] Alexandru Buium. General algebraic  $D$ -groups. *Lecture Notes in Mathematics*, 1506:87–98, 1992. CODEN LNMAA2. ISBN 3-540-55181-6 (print), 3-540-46764-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0087240/>.

**Buium:1992:TC**

- [Bui92g] Alexandru Buium. Terminology and conventions. *Lecture Notes in Mathematics*, 1506:1–6, 1992. CODEN LNMAA2. ISBN 3-540-55181-6 (print), 3-540-46764-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0087236/>.

**Bullen:1990:SAT**

- [Bul90] P. S. Bullen. Some applications of a theorem of Marcinkiewicz. *Lecture Notes in Mathematics*, 1419:10–18, 1990. CODEN LNMAA2. ISBN 3-540-52322-7 (print), 3-540-46955-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083095/>.

**Bundschuh:1990:IAP**

- [Bun90] P. Bundschuh. Indépendance algébrique par des méthodes d’approximations. (French) []. *Lecture Notes in Mathematics*, 1415:116–122, 1990. CODEN LNMAA2. ISBN 3-540-52190-9 (print), 3-540-46919-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084882/>.

**Bunimovich:1992:AFM**

- [Bun92] L. A. Bunimovich. On absolutely focusing mirrors. *Lecture Notes in Mathematics*, 1514:62–82, 1992. CODEN LNMAA2. ISBN 3-540-55444-0 (print), 3-540-47076-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0097528/>.

**Burns:1974:RIS**

- [Bur74] R. G. Burns. On the rank of the intersection of subgroups of a Fuchsian group. *Lecture Notes in Mathematics*, 372:165–187, 1974. CODEN LNMAA2. ISBN 3-540-06845-7 (print), 3-540-37801-4 (e-book), 3-662-21571-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-662-21571-5\\_14/](http://link.springer.com/chapter/10.1007/978-3-662-21571-5_14/); <http://link.springer.com/chapter/10.1007/BFb0065168/>. See corrigenda [Bur90].

**Burns:1990:CPR**

- [Bur90] R. G. Burns. Corrigenda to the paper ‘On the rank of the intersection of subgroups of a Fuchsian group’. *Lecture Notes in Mathematics*, 1456:198, 1990. CODEN LNMAA2. ISBN 3-540-53475-X (print), 3-540-46900-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0100742>. See [Bur74].

**Burkholder:1991:EMT**

- [Bur91] Donald L. Burkholder. Explorations in martingale theory and its applications. *Lecture Notes in Mathematics*, 1464:1–66, 1991.

CODEN LNMAA2. ISBN 3-540-53841-0 (print), 3-540-46319-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085167/>.

**Burdzy:1993:ELE**

- [Bur93] Krzysztof Burdzy. Excursion laws and exceptional points on Brownian paths. *Lecture Notes in Mathematics*, 1557:177–181, 1993. CODEN LNMAA2. ISBN 3-540-57282-1 (print), 3-540-48034-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0087974/>.

**Busenberg:1992:CSI**

- [Bus92] Stavros Busenberg. Case studies in industrial mathematics. *Lecture Notes in Mathematics*, 1521:111–153, 1992. CODEN LNMAA2. ISBN 3-540-55595-1 (print), 3-540-47247-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0098367/>.

**Babin:1990:SDP**

- [BV90] A. V. Babin and M. I. Vishik. Semigroups dependent on a parameter, their attractors and asymptotic behaviour. *Lecture Notes in Mathematics*, 1453:1–19, 1990. CODEN LNMAA2. ISBN 3-540-53407-5 (print), 3-540-46861-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085944/>.

**Borceux:1991:GSR**

- [BV91] Francis Borceux and Gilberte Van den Bossche. A generic sheaf representation for rings. *Lecture Notes in Mathematics*, 1488: 30–42, 1991. CODEN LNMAA2. ISBN 3-540-54706-1 (print), 3-540-46435-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084211/>.

**Berline:1993:ECC**

- [BV93] Nicole Berline and Michèle Vergne. The equivariant Chern character and index of  $G$ -invariant operators. Lectures at CIME, Venise 1992. *Lecture Notes in Mathematics*, 1565:157–200, 1993. CODEN LNMAA2. ISBN 3-540-57498-0 (print), 3-540-48195-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073468/>.

**Brennan:1994:AC**

- [BVH94a] J. Brennan, A. Volberg, and V. P. Havin. Approximation and capacities. *Lecture Notes in Mathematics*, 1574:73–176, 1994. CODEN LNMAA2. ISBN 3-540-57871-4 (print), 3-540-48368-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0101062/>.

**Brennan:1994:UMN**

- [BVH94b] J. Brennan, A. Volberg, and V. P. Havin. Uniqueness, moments, normality. *Lecture Notes in Mathematics*, 1574:207–258, 1994. CODEN LNMAA2. ISBN 3-540-57871-4 (print), 3-540-48368-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0101064/>.

**Bruce:1991:FMF**

- [BW91] J. W. Bruce and T. C. Wilkinson. Folding maps and focal sets. *Lecture Notes in Mathematics*, 1462:63–72, 1991. CODEN LNMAA2. ISBN 3-540-53737-6 (print), 3-540-47060-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086374/>.

**Bertoin:1994:AWP**

- [BW94a] Jean Bertoin and Wendelin Werner. Asymptotic windings of planar Brownian motion revisited via the Ornstein–Uhlenbeck process. *Lecture Notes in Mathematics*, 1583:138–152, 1994. CODEN LNMAA2. ISBN 3-540-58331-9 (print), 3-540-48656-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073842/>.

**Bertoin:1994:CAD**

- [BW94b] Jean Bertoin and Wendelin Werner. Comportement asymptotique du nombre de tours effectués par la trajectoire brownienne plane. (French) []. *Lecture Notes in Mathematics*, 1583:164–171, 1994. CODEN LNMAA2. ISBN 3-540-58331-9 (print), 3-540-48656-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073844/>.

**Broto:1992:SA**

- [BZ92] Carlos Broto and Saïd Zarati. On sub- $a*_p$ -algebras of  $H * V$ . *Lecture Notes in Mathematics*, 1509:35–49, 1992. CODEN LNMAA2. ISBN 3-540-55195-6 (print), 3-540-46772-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0087500/>.

**Chossat:1991:SSH**

- [CA91] P. Chossat and D. Armbruster. Structurally stable heteroclinic cycles in a system with  $O(3)$  symmetry. *Lecture Notes in Mathematics*, 1463:38–62, 1991. CODEN LNMAA2. ISBN 3-540-53736-8 (print), 3-540-47047-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085425/>.

**Cadre:1997:PSD**

- [Cad97] B. Cadre. Une preuve standard du principe d'invariance de Stoll. (French) []. *Lecture Notes in Mathematics*, 1655:85–102, 1997. CODEN LNMAA2. ISBN 3-540-62634-4 (print), 3-540-68352-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0119296/>.

**Cafisch:1991:SFV**

- [Caf91] Russel E. Caflisch. Singularity formation for vortex sheets and hyperbolic equations. *Lecture Notes in Mathematics*, 1460:57–69, 1991. CODEN LNMAA2. ISBN 3-540-53545-4 (print), 3-540-46779-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0091361/>.

**Calabi:1990:ADG**

- [Cal90] Eugenio Calabi. Affine differential geometry and holomorphic curves. *Lecture Notes in Mathematics*, 1422:15–21, 1990. CODEN LNMAA2. ISBN 3-540-52434-7 (print), 3-540-46988-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0089401/>.

**Capitaine:1998:ISL**

- [Cap98] Mireille Capitaine. Sur une inégalité de Sobolev logarithmique pour une diffusion unidimensionnelle. (French) []. *Lecture Notes in Mathematics*, 1686:6–13, 1998. CODEN LNMAA2. ISBN 3-540-64376-1 (print), 3-540-69762-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0101746/>.

**Capasso:1999:MIB**

- [Cap99] Vincenzo Capasso, editor. *Mathematics Inspired by Biology: Lectures given at the 1st Session of the Centro Internazionale Matematico Estivo (C.I.M.E.) held in Martina Franca, Italy,*

*June 13–20, 1997*, volume 1714 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1999. CODEN LNMAA2. ISBN 3-540-66522-6 (print), 3-540-48170-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1714. URL <http://link.springer.com/book/10.1007/BFb0092373>; <http://www.springerlink.com/content/978-3-540-48170-6>.

**Carleson:1991:SMS**

- [Car91a] Lennart Carleson. Stochastic models of some dynamical systems. *Lecture Notes in Mathematics*, 1469:1–12, 1991. CODEN LNMAA2. ISBN 3-540-54024-5 (print), 3-540-47355-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0089212/>.

**Carvalho:1991:SDE**

- [Car91b] L. A. V. Carvalho. On the stability of discrete equations and ordinary differential equations. *Lecture Notes in Mathematics*, 1475: 88–97, 1991. CODEN LNMAA2. ISBN 3-540-54120-9 (print), 3-540-47418-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083482/>.

**Castellanos:1991:DGS**

- [Cas91] Julio Castellanos. The dual graph for space curves. *Lecture Notes in Mathematics*, 1462:73–80, 1991. CODEN LNMAA2. ISBN 3-540-53737-6 (print), 3-540-47060-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086375/>.

**Castilla:1992:SPM**

- [Cas92] Ana Castilla. Sums of  $2n$ -th powers meromorphic functions with compact zero set. *Lecture Notes in Mathematics*, 1524:174–177, 1992. CODEN LNMAA2. ISBN 3-540-55992-2 (print), 3-540-47337-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084618/>.

**Catanese:1990:FTR**

- [Cat90] Fabrizio Catanese. Footnotes to a theorem of I. Reider. *Lecture Notes in Mathematics*, 1417:67–74, 1990. CODEN LNMAA2. ISBN 3-540-52217-4 (print), 3-540-46934-6 (e-book).

ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083333/>.

**Catoni:1999:SAA**

- [Cat99] Olivier Catoni. Simulated annealing algorithms and Markov chains with rare transitions. *Lecture Notes in Mathematics*, 1709: 69–119, 1999. CODEN LNMAA2. ISBN 3-540-66342-8 (print), 3-540-48407-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096510/>.

**Casacuberta:1992:MRT**

- [CC92] Carles Casacuberta and Manuel Castellet, editors. *Mathematical Research Today and Tomorrow: Viewpoints of Seven Fields Medalists Lectures given at the Institut d'Estudis Catalans, Barcelona, Spain, June 1991*, volume 1525 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1992. CODEN LNMAA2. ISBN 3-540-56011-4 (print), 3-540-47341-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1525. URL <http://link.springer.com/book/10.1007/BFb0089200>; <http://www.springerlink.com/content/978-3-540-47341-1>.

**Catanese:1996:TMA**

- [CC96] Fabrizio Catanese and Ciro Ciliberto, editors. *Transcendental Methods in Algebraic Geometry: Lectures given at the 3rd Session of the Centro Internazionale Matematico Estivo (C.I.M.E.) Held in Cetraro, Italy, July 4–12, 1994*, volume 1646 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1996. CODEN LNMAA2. ISBN 3-540-62038-9 (print), 3-540-49632-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1646. URL <http://link.springer.com/book/10.1007/BFb0094301>; <http://www.springerlink.com/content/978-3-540-49632-8>.

**Canalis-Durand:1991:FEV**

- [CD91] Mireille Canalis-Durand. Formal expansion of van der Pol equation canard solutions are Gevrey. *Lecture Notes in Mathematics*, 1493:29–39, 1991. CODEN LNMAA2. ISBN 3-540-54900-5 (print), 3-540-46471-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085022/>.

**Candelpergher:1990:RBD**

- [CDD90] Bernard Candelpergher, Francine Diener, and Marc Diener. Retard à la bifurcation: du local au global. (French) []. *Lecture Notes in Mathematics*, 1455:1–19, 1990. CODEN LNMAA2. ISBN 3-540-53509-8 (print), 3-540-46722-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085388/>.

**Coornaert:1990:APA**

- [CDP90a] Michel Coornaert, Thomas Delzant, and Athanase Papadopoulos. Approximation par des arbres. (French) []. *Lecture Notes in Mathematics*, 1441:90–96, 1990. CODEN LNMAA2. ISBN 3-540-52977-2 (print), 3-540-46294-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084921/>.

**Coornaert:1990:AGH**

- [CDP90b] Michel Coornaert, Thomas Delzant, and Athanase Papadopoulos. Automates et groupes hyperboliques. (French) []. *Lecture Notes in Mathematics*, 1441:140–158, 1990. CODEN LNMAA2. ISBN 3-540-52977-2 (print), 3-540-46294-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084925/>.

**Coornaert:1990:BEH**

- [CDP90c] Michel Coornaert, Thomas Delzant, and Athanase Papadopoulos. Bord d'un espace hyperbolique. (French) []. *Lecture Notes in Mathematics*, 1441:16–23, 1990. CODEN LNMAA2. ISBN 3-540-52977-2 (print), 3-540-46294-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084915/>.

**Coornaert:1990:CIF**

- [CDP90d] Michel Coornaert, Thomas Delzant, and Athanase Papadopoulos. Classification des isométries. (French) []. *Lecture Notes in Mathematics*, 1441:97–105, 1990. CODEN LNMAA2. ISBN 3-540-52977-2 (print), 3-540-46294-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084922/>.

**Coornaert:1990:EMH**

- [CDP90e] Michel Coornaert, Thomas Delzant, and Athanase Papadopoulos. Espaces métriques hyperboliques. (French) []. *Lecture Notes*

*in Mathematics*, 1441:1–15, 1990. CODEN LNMAA2. ISBN 3-540-52977-2 (print), 3-540-46294-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084914/>.

**Coornaert:1990:GTG**

- [CDP90f] Michel Coornaert, Thomas Delzant, and Athanase Papadopoulos. *Géométrie et théorie des groupes: Les groupes hyperboliques de Gromov*, volume 1441 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1990. CODEN LNMAA2. ISBN 3-540-52977-2 (print), 3-540-46294-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). x + 165 pp. LCCN QA3 .L28 no. 1441. URL <http://link.springer.com/book/10.1007/BFb0084913>; <http://www.springerlink.com/content/978-3-540-46294-1>.

**Coornaert:1990:GHF**

- [CDP90g] Michel Coornaert, Thomas Delzant, and Athanase Papadopoulos. Groupes hyperboliques. (French) []. *Lecture Notes in Mathematics*, 1441:43–56, 1990. CODEN LNMAA2. ISBN 3-540-52977-2 (print), 3-540-46294-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/BFb0084917/](http://link.springer.com/chapter/10.1007/BFb0084917).

**Coornaert:1990:IIE**

- [CDP90h] Michel Coornaert, Thomas Delzant, and Athanase Papadopoulos. Inégalités isopérimétriques et espaces hyperboliques. (French) []. *Lecture Notes in Mathematics*, 1441:65–80, 1990. CODEN LNMAA2. ISBN 3-540-52977-2 (print), 3-540-46294-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/BFb0084919/](http://link.springer.com/chapter/10.1007/BFb0084919).

**Coornaert:1990:IIA**

- [CDP90i] Michel Coornaert, Thomas Delzant, and Athanase Papadopoulos. Inégalités isopérimétriques: une application. (French) []. *Lecture Notes in Mathematics*, 1441:81–89, 1990. CODEN LNMAA2. ISBN 3-540-52977-2 (print), 3-540-46294-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/BFb0084920/](http://link.springer.com/chapter/10.1007/BFb0084920).

**Coornaert:1990:PF**

- [CDP90j] Michel Coornaert, Thomas Delzant, and Athanase Papadopoulos. Le polyèdre  $P_d(X)$ . (French) []. *Lecture Notes in Mathematics*,

*ics*, 1441:57–64, 1990. CODEN LNMAA2. ISBN 3-540-52977-2 (print), 3-540-46294-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084918/>.

**Coornaert:1990:PQC**

- [CDP90k] Michel Coornaert, Thomas Delzant, and Athanase Papadopoulos. Parties quasi-convexes d'un espace hyperbolique. (French) []. *Lecture Notes in Mathematics*, 1441:106–123, 1990. CODEN LNMAA2. ISBN 3-540-52977-2 (print), 3-540-46294-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084923/>.

**Coornaert:1990:QGQ**

- [CDP90l] Michel Coornaert, Thomas Delzant, and Athanase Papadopoulos. Quasi-géodésiques et quasi-isométries dans les espaces hyperboliques. (French) []. *Lecture Notes in Mathematics*, 1441:24–42, 1990. CODEN LNMAA2. ISBN 3-540-52977-2 (print), 3-540-46294-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084916/>.

**Coornaert:1990:SMB**

- [CDP90m] Michel Coornaert, Thomas Delzant, and Athanase Papadopoulos. Structure métrique sur le bord d'un espace hyperbolique. (French) []. *Lecture Notes in Mathematics*, 1441:124–139, 1990. CODEN LNMAA2. ISBN 3-540-52977-2 (print), 3-540-46294-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084924/>.

**Cheng:1991:HAP**

- [CDZ91] Min-Teh Cheng, Dong-Gao Deng, and Xing-Wei Zhou, editors. *Harmonic Analysis: Proceedings of the special program at the Nankai Institute of Mathematics Tianjin, PR China, March–July, 1988*, volume 1494 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1991. CODEN LNMAA2. ISBN 3-540-54901-3 (print), 3-540-46474-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1494. URL <http://link.springer.com/book/10.1007/BFb0087751>; <http://www.springerlink.com/content/978-3-540-46474-7>.

**Cellina:1990:MNA**

- [Cel90] Arrigo Cellina, editor. *Methods of Nonconvex Analysis: Lectures given at the 1st Session of the Centro Internazionale Matematico Estivo (C.I.M.E.) held at Varenna, Italy, June 15–23, 1989*, volume 1446 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1990. CODEN LNMAA2. ISBN 3-540-53120-3 (print), 3-540-46715-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1446. URL <http://link.springer.com/book/10.1007/BFb0084928>; <http://www.springerlink.com/content/978-3-540-46715-1>.

**Censor:1991:VBA**

- [Cen91] Yair Censor. On variable block algebraic reconstruction techniques. *Lecture Notes in Mathematics*, 1497:133–140, 1991. CODEN LNMAA2. ISBN 3-540-54970-6 (print), 3-540-46615-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084514/>.

**Cepa:1995:EDS**

- [Cép95] Emmanuel Cépa. Équations différentielles stochastiques multivoques. (French) []. *Lecture Notes in Mathematics*, 1613:86–107, 1995. CODEN LNMAA2. ISBN 3-540-60219-4 (print), 3-540-44744-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094202/>.

**Cellier:1990:LSE**

- [CF90] Dominique Cellier and Dominique Fourdrinier. Sur les lois à symétrie elliptique. (French) []. *Lecture Notes in Mathematics*, 1426:300–328, 1990. CODEN LNMAA2. ISBN 3-540-52694-3 (print), 3-540-47098-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083772/>.

**Capasso:1992:MMI**

- [CF92] Vincenzo Capasso and Antonio Fasano, editors. *Mathematical Modelling of Industrial Processes: Lectures given at the 3rd Session of the Centro Internazionale Matematico Estivo (C.I.M.E.) held in Bari, Italy, Sept. 24–29, 1990*, volume 1521 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1992. CODEN LNMAA2.

ISBN 3-540-55595-1 (print), 3-540-47247-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1521. URL <http://link.springer.com/book/10.1007/BFb0098364>; <http://www.springerlink.com/content/978-3-540-47247-6>.

Chebotarev:1995:QEA

- [CF95] A. M. Chebotarev and F. Fagnola. On quantum extensions of the Azéma martingale semigroup. *Lecture Notes in Mathematics*, 1613:1–16, 1995. CODEN LNMAA2. ISBN 3-540-60219-4 (print), 3-540-44744-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094194>.

Connes:1992:RTD

- [CFJ<sup>+</sup>92] Alain Connes, Gerd Faltings, Vaughan Jones, Stephen Smale, René Thom, and Jorge Wagensberg. Round-table discussion. *Lecture Notes in Mathematics*, 1525:87–108, 1992. CODEN LNMAA2. ISBN 3-540-56011-4 (print), 3-540-47341-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0089208>.

Cegarra:1991:LES

- [CG91] Antonio M. Cegarra and Antonio R. Garzón. A long exact sequence in non-abelian cohomology. *Lecture Notes in Mathematics*, 1488:79–94, 1991. CODEN LNMAA2. ISBN 3-540-54706-1 (print), 3-540-46435-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084214>.

Castillo:1997:AP

- [CG97a] Jesús M. F. Castillo and Manuel González. Approximation properties. *Lecture Notes in Mathematics*, 1667:221–231, 1997. CODEN LNMAA2. ISBN 3-540-63344-8 (print), 3-540-69519-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0112518>.

Castillo:1997:CBS

- [CG97b] Jesús M. F. Castillo and Manuel González. Classical Banach spaces. *Lecture Notes in Mathematics*, 1667:81–112, 1997. CODEN LNMAA2. ISBN 3-540-63344-8 (print), 3-540-69519-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0112514>.

**Castillo:1997:GP**

- [CG97c] Jesús M. F. Castillo and Manuel González. Geometrical properties. *Lecture Notes in Mathematics*, 1667:156–195, 1997. CODEN LNMAA2. ISBN 3-540-63344-8 (print), 3-540-69519-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0112516/>.

**Castillo:1997:HP**

- [CG97d] Jesús M. F. Castillo and Manuel González. Homological properties. *Lecture Notes in Mathematics*, 1667:196–220, 1997. CODEN LNMAA2. ISBN 3-540-63344-8 (print), 3-540-69519-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0112517/>.

**Castillo:1997:MOI**

- [CG97e] Jesús M. F. Castillo and Manuel González. Methods to obtain 3 SP ideals. *Lecture Notes in Mathematics*, 1667:45–80, 1997. CODEN LNMAA2. ISBN 3-540-63344-8 (print), 3-540-69519-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0112513/>.

**Castillo:1997:TSC**

- [CG97f] Jesús M. F. Castillo and Manuel González. Three-space constructions. *Lecture Notes in Mathematics*, 1667:1–44, 1997. CODEN LNMAA2. ISBN 3-540-63344-8 (print), 3-540-69519-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0112512/>.

**Castillo:1997:TSP**

- [CG97g] Jesús M. F. Castillo and Manuel González. *Three-space Problems in Banach Space Theory*, volume 1667 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1997. CODEN LNMAA2. ISBN 3-540-63344-8 (print), 3-540-69519-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). xii + 267 pp. LCCN QA3 .L28 no. 1667. URL <http://link.springer.com/book/10.1007/BFb0112511>; <http://www.springerlink.com/content/978-3-540-69519-6>.

**Castillo:1997:TPB**

- [CG97h] Jesús M. F. Castillo and Manuel González. Topological properties of Banach spaces. *Lecture Notes in Mathematics*, 1667:

113–155, 1997. CODEN LNMAA2. ISBN 3-540-63344-8 (print), 3-540-69519-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0112515/>.

**Crawford:1991:BCS**

- [CGG<sup>+</sup>91] J. D. Crawford, M. Golubitsky, M. G. M. Gomes, E. Knobloch, and I. N. Stewart. Boundary conditions as symmetry constraints. *Lecture Notes in Mathematics*, 1463:63–79, 1991. CODEN LNMAA2. ISBN 3-540-53736-8 (print), 3-540-47047-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085426/>.

**Celeghini:1992:CQG**

- [CGST92] E. Celeghini, R. Giachetti, E. Sorace, and M. Tarlini. Contractions of quantum groups. *Lecture Notes in Mathematics*, 1510: 221–244, 1992. CODEN LNMAA2. ISBN 3-540-55305-3 (print), 3-540-47020-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0101192/>.

**Chaatit:1991:TTU**

- [Cha91a] Fouad Chaatit. Twisted types and uniform stability. *Lecture Notes in Mathematics*, 1470:183–199, 1991. CODEN LNMAA2. ISBN 3-540-54206-X (print), 3-540-47493-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0090222/>.

**Chabrowski:1991:ESD**

- [Cha91b] Jan Chabrowski.  $C_{n-1}$ -estimate of the solution of the Dirichlet problem with  $L^2$ -boundary data. *Lecture Notes in Mathematics*, 1482:142–167, 1991. CODEN LNMAA2. ISBN 3-540-54486-0 (print), 3-540-38400-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0095761/>.

**Chabrowski:1991:AM**

- [Cha91c] Jan Chabrowski. Applications of the  $L^2$ -method. *Lecture Notes in Mathematics*, 1482:104–116, 1991. CODEN LNMAA2. ISBN 3-540-54486-0 (print), 3-540-38400-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0095758/>.

**Chabrowski:1991:DPBa**

- [Cha91d] Jan Chabrowski. The Dirichlet problem in a bounded domain. *Lecture Notes in Mathematics*, 1482:46–66, 1991. CODEN LNMAA2. ISBN 3-540-54486-0 (print), 3-540-38400-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0095754/>.

**Chabrowski:1991:DPh**

- [Cha91e] Jan Chabrowski. The Dirichlet problem in a half-space. *Lecture Notes in Mathematics*, 1482:20–45, 1991. CODEN LNMAA2. ISBN 3-540-54486-0 (print), 3-540-38400-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0095753/>.

**Chabrowski:1991:DPBb**

- [Cha91f] Jan Chabrowski. *The Dirichlet Problem with  $L^2$ -Boundary Data for Elliptic Linear Equations*, volume 1482 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1991. CODEN LNMAA2. ISBN 3-540-54486-0 (print), 3-540-38400-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). vi + 173 pp. LCCN QA3 .L28 no. 1482. URL <http://link.springer.com/book/10.1007/BFb0095750>; <http://www.springerlink.com/content/978-3-540-38400-7>.

**Chabrowski:1991:DB**

- [Cha91g] Jan Chabrowski. Domains with  $C^{1,\alpha}$ -boundary. *Lecture Notes in Mathematics*, 1482:117–130, 1991. CODEN LNMAA2. ISBN 3-540-54486-0 (print), 3-540-38400-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0095759/>.

**Chabrowski:1991:ED**

- [Cha91h] Jan Chabrowski. Estimates of derivatives. *Lecture Notes in Mathematics*, 1482:67–77, 1991. CODEN LNMAA2. ISBN 3-540-54486-0 (print), 3-540-38400-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0095755/>.

**Chabrowski:1991:ESB**

- [Cha91i] Jan Chabrowski. Exceptional sets on the boundary. *Lecture Notes in Mathematics*, 1482:90–103, 1991. CODEN LNMAA2. ISBN

3-540-54486-0 (print), 3-540-38400-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0095757/>.

**Chabrowski:1991:HM**

- [Cha91j] Jan Chabrowski. Harmonic measure. *Lecture Notes in Mathematics*, 1482:78–89, 1991. CODEN LNMAA2. ISBN 3-540-54486-0 (print), 3-540-38400-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0095756/>.

**Chabrowski:1991:I**

- [Cha91k] Jan Chabrowski. Introduction. *Lecture Notes in Mathematics*, 1482:1–4, 1991. CODEN LNMAA2. ISBN 3-540-54486-0 (print), 3-540-38400-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0095751/>.

**Chabrowski:1991:S**

- [Cha91l] Jan Chabrowski. The space  $C_{n-1}(\bar{Q})$ . *Lecture Notes in Mathematics*, 1482:131–141, 1991. CODEN LNMAA2. ISBN 3-540-54486-0 (print), 3-540-38400-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0095760/>.

**Chabrowski:1991:WSS**

- [Cha91m] Jan Chabrowski. Weighted Sobolev space  $\tilde{W}^{1,2}$ . *Lecture Notes in Mathematics*, 1482:7–19, 1991. CODEN LNMAA2. ISBN 3-540-54486-0 (print), 3-540-38400-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0095752/>.

**Chang:1991:NLN**

- [Cha91n] Der-Chen Chang. Nankai lecture in  $\bar{\partial}$ -Neumann problem. *Lecture Notes in Mathematics*, 1494:1–22, 1991. CODEN LNMAA2. ISBN 3-540-54901-3 (print), 3-540-46474-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0087752/>.

**Chang:1992:SNS**

- [Cha92] Huakang Chang. The steady Navier–Stokes problem for low Reynolds number viscous jets into a half space. *Lecture Notes in Mathematics*, 1530:85–96, 1992. CODEN LNMAA2. ISBN

3-540-56261-3 (print), 3-540-47498-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0090335/>.

**Chatterji:1996:RIR**

- [Cha96] Professeur S. D. Chatterji. Remarques sur l'intégrale de Riemann généralisée. (French) []. *Lecture Notes in Mathematics*, 1626:1–11, 1996. CODEN LNMAA2. ISBN 3-540-61336-6 (print), 3-540-68463-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094637/>.

**Cherry:1990:ENT**

- [Che90a] William Cherry. Equidimensional Nevanlinna theory on coverings of  $C^n$ . *Lecture Notes in Mathematics*, 1433:143–168, 1990. CODEN LNMAA2. ISBN 3-540-52785-0 (print), 3-540-47146-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093850/>.

**Cherry:1990:NTM**

- [Che90b] William Cherry. Nevanlinna theory for meromorphic functions on coverings of  $C$ . *Lecture Notes in Mathematics*, 1433:113–142, 1990. CODEN LNMAA2. ISBN 3-540-52785-0 (print), 3-540-47146-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093849/>.

**Cheeger:1991:CPD**

- [Che91] Jeff Cheeger. Critical points of distance functions and applications to geometry. *Lecture Notes in Mathematics*, 1504:1–38, 1991. CODEN LNMAA2. ISBN 3-540-55017-8 (print), 3-540-46651-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094288/>.

**Chiarelotto:1990:DRA**

- [Chi90a] Bruno Chiarelotto. Duality in rigid analysis. *Lecture Notes in Mathematics*, 1454:142–172, 1990. CODEN LNMAA2. ISBN 3-540-53477-6 (print), 3-540-46906-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0091137/>.

**Chicone:1990:BLC**

- [Chi90b] Carmen Chicone. On bifurcation of limit cycles from centers. *Lecture Notes in Mathematics*, 1455:20–43, 1990. CODEN LNMAA2. ISBN 3-540-53509-8 (print), 3-540-46722-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085389/>.

**Chillingworth:1991:BM**

- [Chi91] David Chillingworth. Bifurcation from a manifold. *Lecture Notes in Mathematics*, 1463:22–37, 1991. CODEN LNMAA2. ISBN 3-540-53736-8 (print), 3-540-47047-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085424/>.

**Chiu:1995:EL**

- [Chi95] Yukuang Chiu. From an example of Lévy’s. *Lecture Notes in Mathematics*, 1613:162–165, 1995. CODEN LNMAA2. ISBN 3-540-60219-4 (print), 3-540-44744-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094208/>.

**Chiu:1997:MSP**

- [Chi97] Yukuang Chiu. The multiplicity of stochastic processes. *Lecture Notes in Mathematics*, 1655:207–215, 1997. CODEN LNMAA2. ISBN 3-540-62634-4 (print), 3-540-68352-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0119305/>.

**Christophersen:1991:CDV**

- [Chr91] Jan Arthur Christophersen. On the components and discriminant of the versal base space of cyclic quotient singularities. *Lecture Notes in Mathematics*, 1462:81–92, 1991. CODEN LNMAA2. ISBN 3-540-53737-6 (print), 3-540-47060-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086376/>.

**Ciliberto:1992:EWG**

- [CHT92] Ciro Ciliberto, Joe Harris, and Montserrat Teixidor i Bigas. On the endomorphisms of  $\text{Jac}(W_d^1(C))$  when  $p = 1$  and  $C$  has general moduli. *Lecture Notes in Mathematics*, 1515:41–67, 1992. CODEN LNMAA2. ISBN 3-540-55295-2 (print), 3-540-47016-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0098337/>.

**Chui:1993:WA**

- [Chu93] Charles K. Chui. On wavelet analysis. *Lecture Notes in Mathematics*, 1550:31–42, 1993. CODEN LNMAA2. ISBN 3-540-56931-6 (print), 3-540-47792-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0117472/>.

**Coquet:1990:CSA**

- [CJ90] François Coquet and Jean Jacod. Convergence des surmartingales — application aux vraisemblances partielles. (French) [Convergence of supermartingales — application to partial likelihoods]. *Lecture Notes in Mathematics*, 1426:282–299, 1990. CODEN LNMAA2. ISBN 3-540-52694-3 (print), 3-540-47098-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083771/>.

**Cecchini:1990:STP**

- [CK90] Carlo Cecchini and Burkhard Küpperer. Stochastic transitions on preduals of von Neumann algebras. *Lecture Notes in Mathematics*, 1442:126–130, 1990. CODEN LNMAA2. ISBN 3-540-53026-6 (print), 3-540-46311-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085505/>.

**Connolly:1991:ELR**

- [CK91] Frank Connolly and Tadeusz Koźniewski. Examples of lack of rigidity in crystallographic groups. *Lecture Notes in Mathematics*, 1474:139–145, 1991. CODEN LNMAA2. ISBN 3-540-54098-9 (print), 3-540-47403-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084742/>.

**Cattiaux:1996:MKI**

- [CL96] P. Cattiaux and C. Léonard. Minimization of the Kullback information for some Markov processes. *Lecture Notes in Mathematics*, 1626:288–311, 1996. CODEN LNMAA2. ISBN 3-540-61336-6 (print), 3-540-68463-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094655/>.

**Croisille:1999:DIE**

- [CL99a] Jean-Pierre Croisille and Gilles Lebeau. *Diffraction by an Immersed Elastic Wedge*, volume 1723 of *Lecture Notes in Math-*

*ematics.* Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1999. CODEN LNMAA2. ISBN 3-540-66810-1 (print), 3-540-46698-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). vi + 134 pp. LCCN QA3 .L28 no. 1723. URL <http://link.springer.com/book/10.1007/BFb0092515>; <http://www.springerlink.com/content/978-3-540-46698-7>.

**Croisille:1999:I**

- [CL99b] Jean-Pierre Croisille and Gilles Lebeau. Introduction. *Lecture Notes in Mathematics*, 1723:1–2, 1999. CODEN LNMAA2. ISBN 3-540-66810-1 (print), 3-540-46698-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092516>.

**Croisille:1999:NRa**

- [CL99c] Jean-Pierre Croisille and Gilles Lebeau. Notation and results. *Lecture Notes in Mathematics*, 1723:3–26, 1999. CODEN LNMAA2. ISBN 3-540-66810-1 (print), 3-540-46698-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092517>.

**Croisille:1999:NA**

- [CL99d] Jean-Pierre Croisille and Gilles Lebeau. Numerical algorithm. *Lecture Notes in Mathematics*, 1723:79–95, 1999. CODEN LNMAA2. ISBN 3-540-66810-1 (print), 3-540-46698-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092520>.

**Croisille:1999:NRb**

- [CL99e] Jean-Pierre Croisille and Gilles Lebeau. Numerical results. *Lecture Notes in Mathematics*, 1723:97–125, 1999. CODEN LNMAA2. ISBN 3-540-66810-1 (print), 3-540-46698-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092521>.

**Croisille:1999:PR**

- [CL99f] Jean-Pierre Croisille and Gilles Lebeau. Proofs of the results. *Lecture Notes in Mathematics*, 1723:57–78, 1999. CODEN LNMAA2. ISBN 3-540-66810-1 (print), 3-540-46698-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092519>.

**Croisille:1999:SF**

- [CL99g] Jean-Pierre Croisille and Gilles Lebeau. The spectral function. *Lecture Notes in Mathematics*, 1723:27–56, 1999. CODEN LNMAA2. ISBN 3-540-66810-1 (print), 3-540-46698-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092518/>.

**Clemens:1990:OMM**

- [Cle90] Herbert Clemens. An obstruction to moving multiples of subvarieties. *Lecture Notes in Mathematics*, 1417:75–90, 1990. CODEN LNMAA2. ISBN 3-540-52217-4 (print), 3-540-46934-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083334/>.

**Clote:1990:MFO**

- [Clo90] P. Clote. The metamathematics of Fraïssé's order type conjecture. *Lecture Notes in Mathematics*, 1432:41–56, 1990. CODEN LNMAA2. ISBN 3-540-52772-9 (print), 3-540-47142-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086113/>.

**Clunie:1992:CPR**

- [Clu92] J. G. Clunie. Convergence of polynomials with restricted zeros. *Lecture Notes in Mathematics*, 1511:100–105, 1992. CODEN LNMAA2. ISBN 3-540-55365-7 (print), 3-540-47041-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093802/>.

**Chong:1990:PSP**

- [CM90] C. T. Chong and K. J. Mourad. Positive solutions to Post's problem. *Lecture Notes in Mathematics*, 1432:33–40, 1990. CODEN LNMAA2. ISBN 3-540-52772-9 (print), 3-540-47142-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086112/>.

**Cembranos:1997:Sa**

- [CM97a] Pilar Cembranos and José Mendoza.  $C(K, X)$  spaces. *Lecture Notes in Mathematics*, 1676:65–74, 1997. CODEN LNMAA2. ISBN 3-540-63745-1 (print), 3-540-69639-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096769/>.

**Cembranos:1997:Sb**

- [CM97b] Pilar Cembranos and José Mendoza.  $L_p(\mu, X)$  spaces. *Lecture Notes in Mathematics*, 1676:75–82, 1997. CODEN LNMAA2. ISBN 3-540-63745-1 (print), 3-540-69639-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096770/>.

**Cembranos:1997:BSV**

- [CM97c] Pilar Cembranos and José Mendoza. *Banach Spaces of Vector-Valued Functions*, volume 1676 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1997. CODEN LNMAA2. ISBN 3-540-63745-1 (print), 3-540-69639-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). viii + 118 pp. LCCN QA3 .L28 no. 1676. URL <http://link.springer.com/book/10.1007/BFb0096765>; <http://www.springerlink.com/content/978-3-540-69639-1>.

**Cembranos:1997:C**

- [CM97d] Pilar Cembranos and José Mendoza. Copies of  $c_0$  and  $\ell_1$  in  $L_p(\mu, X)$ . *Lecture Notes in Mathematics*, 1676:41–63, 1997. CODEN LNMAA2. ISBN 3-540-63745-1 (print), 3-540-69639-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096768/>.

**Cembranos:1997:I**

- [CM97e] Pilar Cembranos and José Mendoza. Introduction. *Lecture Notes in Mathematics*, 1676:1–8, 1997. CODEN LNMAA2. ISBN 3-540-63745-1 (print), 3-540-69639-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096766/>.

**Cembranos:1997:P**

- [CM97f] Pilar Cembranos and José Mendoza. Preliminaries. *Lecture Notes in Mathematics*, 1676:9–40, 1997. CODEN LNMAA2. ISBN 3-540-63745-1 (print), 3-540-69639-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096767/>.

**Cembranos:1997:SRO**

- [CM97g] Pilar Cembranos and José Mendoza. Some related open problems. *Lecture Notes in Mathematics*, 1676:107–109, 1997. CODEN

LNMAA2. ISBN 3-540-63745-1 (print), 3-540-69639-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096773/>.

**Cembranos:1997:Sc**

- [CM97h] Pilar Cembranos and José Mendoza. The space  $L_\infty(\mu, X)$ . *Lecture Notes in Mathematics*, 1676:83–104, 1997. CODEN LNMAA2. ISBN 3-540-63745-1 (print), 3-540-69639-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096771/>.

**Cembranos:1997:TR**

- [CM97i] Pilar Cembranos and José Mendoza. Tabulation of results. *Lecture Notes in Mathematics*, 1676:105–106, 1997. CODEN LNMAA2. ISBN 3-540-63745-1 (print), 3-540-69639-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096772>.

**Chaleyat-Maurel:1990:PSH**

- [CML90] M. Chaleyat-Maurel and J.-F. Le Gall. On polar sets for hypoelliptic diffusion processes. *Lecture Notes in Mathematics*, 1444: 204–212, 1990. CODEN LNMAA2. ISBN 3-540-53064-9 (print), 3-540-46596-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/BFb0083617/](http://link.springer.com/chapter/10.1007/BFb0083617).

**Cieślak:1991:ICS**

- [CMM91] Waldemar Cieślak, Andrzej Miernowski, and Witold Mozgawa. Isoptics of a closed strictly convex curve. *Lecture Notes in Mathematics*, 1481:28–35, 1991. CODEN LNMAA2. ISBN 3-540-54728-2 (print), 3-540-46445-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/BFb0083625/](http://link.springer.com/chapter/10.1007/BFb0083625).

**Chaleyat-Maurel:1995:OMF**

- [CMN95] Mireille Chaleyat-Maurel and David Nualart. Onsager–Machlup functionals for solutions of stochastic boundary value problems. *Lecture Notes in Mathematics*, 1613:44–55, 1995. CODEN LNMAA2. ISBN 3-540-60219-4 (print), 3-540-44744-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/BFb0094199/](http://link.springer.com/chapter/10.1007/BFb0094199).

**Coste:1992:RAG**

- [CMR92] Michel Coste, Louis Mahé, and Marie-Françoise Roy, editors. *Real Algebraic Geometry: Proceedings of the Conference held in Rennes, France, June 24–28, 1991*, volume 1524 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1992. CODEN LNMAA2. ISBN 3-540-55992-2 (print), 3-540-47337-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1524. URL <http://link.springer.com/book/10.1007/BFb0084605>; <http://www.springerlink.com/content/978-3-540-47337-4>.

**Capietto:1991:CDS**

- [CMZ91] Anna Capietto, Jean Mawhin, and Fabio Zanolin. The coincidence degree of some functional differential operators in spaces of periodic functions and related continuation theorems. *Lecture Notes in Mathematics*, 1475:76–87, 1991. CODEN LNMAA2. ISBN 3-540-54120-9 (print), 3-540-47418-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083481/>.

**Conti:1991:SSV**

- [CNZ91] G. Conti, P. Nistri, and P. Zecca. Systems of set-valued equations in Banach spaces. *Lecture Notes in Mathematics*, 1475: 98–109, 1991. CODEN LNMAA2. ISBN 3-540-54120-9 (print), 3-540-47418-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083483/>.

**Coates:1999:FIT**

- [Coa99] John Coates. Fragments of the  $GL_2$  Iwasawa theory of elliptic curves without complex multiplication. *Lecture Notes in Mathematics*, 1716:1–50, 1999. CODEN LNMAA2. ISBN 3-540-66546-3 (print), 3-540-48160-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093452/>.

**Cockburn:1998:IDG**

- [Coc98] Bernardo Cockburn. An introduction to the Discontinuous Galerkin method for convection-dominated problems. *Lecture Notes in Mathematics*, 1697:151–268, 1998. CODEN LNMAA2. ISBN 3-540-64977-8 (print), 3-540-49804-4 (e-book). ISSN

0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096353/>.

**Cohen:1990:NCP**

- [Coh90] F. R. Cohen. A note concerning the  $v_1$ -periodic homotopy of odd spheres. *Lecture Notes in Mathematics*, 1418:152–155, 1990. CODEN LNMAA2. ISBN 3-540-52246-8 (print), 3-540-46938-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083700/>.

**Cohen:1992:RHT**

- [Coh92] F. R. Cohen. Remarks on the homotopy theory associated to perfect groups. *Lecture Notes in Mathematics*, 1509:95–103, 1992. CODEN LNMAA2. ISBN 3-540-55195-6 (print), 3-540-46772-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0087503/>.

**Cohen:1995:SMP**

- [Coh95] S. Cohen. Some Markov properties of stochastic differential equations with jumps. *Lecture Notes in Mathematics*, 1613:181–193, 1995. CODEN LNMAA2. ISBN 3-540-60219-4 (print), 3-540-44744-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094210/>.

**Coleman:1990:FMF**

- [Col90a] Robert F. Coleman. On the Frobenius matrices of Fermat curves. *Lecture Notes in Mathematics*, 1454:173–193, 1990. CODEN LNMAA2. ISBN 3-540-53477-6 (print), 3-540-46906-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0091138/>.

**Colley:1990:SCF**

- [Col90b] Susan Jane Colley. Schubert’s coincidence formulas for line complexes and the contribution of embedded planar pencils. *Lecture Notes in Mathematics*, 1436:60–76, 1990. CODEN LNMAA2. ISBN 3-540-52811-3 (print), 3-540-47154-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084041/>.

**Colombeau:1992:ATG**

- [Col92a] Jean François Colombeau. The abstract theory of generalized functions. *Lecture Notes in Mathematics*, 1532:158–171, 1992.

CODEN LNMAA2. ISBN 3-540-56288-5 (print), 3-540-47510-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0088960/>.

**Colombeau:1992:CHF**

- [Col92b] Jean François Colombeau. The canonical Hamiltonian formalism of interacting quantum fields. *Lecture Notes in Mathematics*, 1532:144–157, 1992. CODEN LNMAA2. ISBN 3-540-56288-5 (print), 3-540-47510-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0088959/>.

**Colombeau:1992:CSC**

- [Col92c] Jean François Colombeau. The case of several constitutive equations. *Lecture Notes in Mathematics*, 1532:97–123, 1992. CODEN LNMAA2. ISBN 3-540-56288-5 (print), 3-540-47510-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0088957/>.

**Colombeau:1992:EI**

- [Col92d] Jean François Colombeau. Elementary introduction. *Lecture Notes in Mathematics*, 1532:30–61, 1992. CODEN LNMAA2. ISBN 3-540-56288-5 (print), 3-540-47510-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0088955/>.

**Colombeau:1992:IGF**

- [Col92e] Jean François Colombeau. Introduction to generalized functions and distributions. *Lecture Notes in Mathematics*, 1532:1–12, 1992. CODEN LNMAA2. ISBN 3-540-56288-5 (print), 3-540-47510-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0088953/>.

**Colombeau:1992:JFS**

- [Col92f] Jean François Colombeau. Jump formulas for systems in nonconservative form. New numerical methods. *Lecture Notes in Mathematics*, 1532:62–96, 1992. CODEN LNMAA2. ISBN 3-540-56288-5 (print), 3-540-47510-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0088956/>.

**Colombeau:1992:LWP**

- [Col92g] Jean François Colombeau. Linear wave propagation in a medium with piecewise  $C^\infty$  characteristics. *Lecture Notes in Mathematics*, 1532:124–143, 1992. CODEN LNMAA2. ISBN 3-540-56288-5 (print), 3-540-47510-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0088958/>.

**Colombeau:1992:MDT**

- [Col92h] Jean-François Colombeau. *Multiplication of Distributions: A tool in mathematics, numerical engineering and theoretical physics*, volume 1532 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1992. CODEN LNMAA2. ISBN 3-540-56288-5 (print), 3-540-47510-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). x + 184 pp. LCCN QA3 .L28 no. 1532. URL <http://link.springer.com/book/10.1007/BFb0088952>; <http://www.springerlink.com/content/978-3-540-47510-1>.

**Colombeau:1992:MDC**

- [Col92i] Jean François Colombeau. Multiplications of distributions in classical physics. *Lecture Notes in Mathematics*, 1532:13–29, 1992. CODEN LNMAA2. ISBN 3-540-56288-5 (print), 3-540-47510-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0088954/>.

**Connes:1992:NG**

- [Con92] Alain Connes. Noncommutative geometry. *Lecture Notes in Mathematics*, 1525:40–58, 1992. CODEN LNMAA2. ISBN 3-540-56011-4 (print), 3-540-47341-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0089204/>.

**Conway:1994:CNO**

- [Con94] John B. Conway. Close to normal operators. *Lecture Notes in Mathematics*, 1573:359–388, 1994. CODEN LNMAA2. ISBN 3-540-57870-6 (print), 3-540-48367-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0100209/>.

**Cooper:1990:ERN**

- [Coo90] S. Barry Cooper. Enumeration reducibility, nondeterministic computations and relative computability of partial functions. *Lec-*

*Lecture Notes in Mathematics*, 1432:57–110, 1990. CODEN LNMAA2. ISBN 3-540-52772-9 (print), 3-540-47142-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086114/>.

Corduneanu:1991:AVE

- [Cor91] C. Corduneanu. Abstract Volterra equations and weak topologies. *Lecture Notes in Mathematics*, 1475:110–115, 1991. CODEN LNMAA2. ISBN 3-540-54120-9 (print), 3-540-47418-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083484/>.

Coste:1990:SEA

- [Cos90a] Michel Coste. Sous-ensembles algébriques réels de codimension 2. (French) []. *Lecture Notes in Mathematics*, 1420:111–120, 1990. CODEN LNMAA2. ISBN 3-540-52313-8 (print), 3-540-46952-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083914/>.

Coster:1990:S

- [Cos90b] Matthijs J. Coster. Supercongruences. *Lecture Notes in Mathematics*, 1454:194–204, 1990. CODEN LNMAA2. ISBN 3-540-53477-6 (print), 3-540-46906-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0091139/>.

Couveignes:1993:CSR

- [Cou93] Jean-Marc Couveignes. Computing a square root for the number field sieve. *Lecture Notes in Mathematics*, 1554:95–102, 1993. CODEN LNMAA2. ISBN 3-540-57013-6 (print), 3-540-47892-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0091540/>.

Cacuci:1991:CPN

- [CP91a] Dan G. Cacuci and V. Protopopescu. Canonical propagators for nonlinear systems: Theory and sample applications. *Lecture Notes in Mathematics*, 1460:43–56, 1991. CODEN LNMAA2. ISBN 3-540-53545-4 (print), 3-540-46779-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0091360/>.

**Courtieu:1991:NAA**

- [CP91b] Michel Courtieu and Alexei A. Panchishkin. 1. Non-Archimedean analytic functions, measures and distributions. *Lecture Notes in Mathematics*, 1471:13–44, 1991. CODEN LNMAA2. ISBN 3-540-40729-4 (print), 3-540-45178-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-540-45178-5\\_2/](http://link.springer.com/chapter/10.1007/978-3-540-45178-5_2/).

**Courtieu:1991:SMF**

- [CP91c] Michel Courtieu and Alexei A. Panchishkin. 2. Siegel modular forms and the holomorphic projection operator. *Lecture Notes in Mathematics*, 1471:45–93, 1991. CODEN LNMAA2. ISBN 3-540-40729-4 (print), 3-540-45178-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-540-45178-5\\_3/](http://link.springer.com/chapter/10.1007/978-3-540-45178-5_3/).

**Courtieu:1991:ADO**

- [CP91d] Michel Courtieu and Alexei A. Panchishkin. 3. Arithmetical differential operators on nearly holomorphic Siegel modular forms. *Lecture Notes in Mathematics*, 1471:95–125, 1991. CODEN LNMAA2. ISBN 3-540-40729-4 (print), 3-540-45178-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-540-45178-5\\_4/](http://link.springer.com/chapter/10.1007/978-3-540-45178-5_4/).

**Courtieu:1991:AMS**

- [CP91e] Michel Courtieu and Alexei A. Panchishkin. 4. Admissible measures for standard  $L$ -functions and nearly holomorphic Siegel modular forms. *Lecture Notes in Mathematics*, 1471:127–186, 1991. CODEN LNMAA2. ISBN 3-540-40729-4 (print), 3-540-45178-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-540-45178-5\\_5/](http://link.springer.com/chapter/10.1007/978-3-540-45178-5_5/).

**Courtieu:1991:I**

- [CP91f] Michel Courtieu and Alexei A. Panchishkin. Introduction. *Lecture Notes in Mathematics*, 1471:1–12, 1991. CODEN LNMAA2. ISBN 3-540-40729-4 (print), 3-540-45178-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-540-45178-5\\_1/](http://link.springer.com/chapter/10.1007/978-3-540-45178-5_1/).

**Courtieu:1991:NAF**

- [CP91g] Michel Courtieu and Alexei A. Panchishkin. *Non-Archimedean L-Functions and Arithmetical Siegel Modular Forms*, volume 1471 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., second augmented edition, 1991. CODEN LNMAA2. ISBN 3-540-40729-4 (print), 3-540-45178-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). vi + 157 pp. LCCN QA3 .L28 no. 1471. URL <http://link.springer.com/book/10.1007/b13348>; <http://www.springerlink.com/content/978-3-540-45178-5>.

**Courtieu:1991:R**

- [CP91h] Michel Courtieu and Alexei A. Panchishkin. References. *Lecture Notes in Mathematics*, 1471:187–193, 1991. CODEN LNMAA2. ISBN 3-540-40729-4 (print), 3-540-45178-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-540-45178-5\\_6/](http://link.springer.com/chapter/10.1007/978-3-540-45178-5_6/).

**Cenkl:1992:ACC**

- [CP92] B. Cenkl and R. Porter. Algorithm for the computation of the cohomology of  $\mathfrak{S}$ -groups. *Lecture Notes in Mathematics*, 1509: 79–94, 1992. CODEN LNMAA2. ISBN 3-540-55195-6 (print), 3-540-46772-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0087502/>.

**Cercignani:1993:NPMa**

- [CP93a] C. Cercignani and M. Pulvirenti. Nonequilibrium problems in many-particle systems. An introduction. *Lecture Notes in Mathematics*, 1551:1–13, 1993. CODEN LNMAA2. ISBN 3-540-56945-6 (print), 3-540-47832-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0090927/>.

**Cercignani:1993:NPMb**

- [CP93b] Carlo Cercignani and Mario Pulvirenti, editors. *Nonequilibrium Problems in Many-Particle Systems: Lectures given at the 3rd Session of the Centro Internazionale Matematico Estivo (C.I.M.E.) held in Montecatini, Italy, June 15–27, 1992*, volume 1551 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1993. CODEN LNMAA2. ISBN 3-540-56945-6

(print), 3-540-47832-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1551. URL <http://link.springer.com/book/10.1007/BFb0090926>; <http://www.springerlink.com/content/978-3-540-47832-4>.

**Coornaert:1993:AFP**

- [CP93c] Michel Coornaert and Athanase Papadopoulos. Another finite presentation for the action of a hyperbolic group on its boundary. *Lecture Notes in Mathematics*, 1539:69–90, 1993. CODEN LNMAA2. ISBN 3-540-56499-3 (print), 3-540-47573-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092582/>.

**Coornaert:1993:BHG**

- [CP93d] Michel Coornaert and Athanase Papadopoulos. The boundary of a hyperbolic group as a finitely presented dynamical system. *Lecture Notes in Mathematics*, 1539:43–68, 1993. CODEN LNMAA2. ISBN 3-540-56499-3 (print), 3-540-47573-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092581/>.

**Coornaert:1993:BTF**

- [CP93e] Michel Coornaert and Athanase Papadopoulos. The boundary of a torsion-free hyperbolic group as a semi-Markovian space. *Lecture Notes in Mathematics*, 1539:118–134, 1993. CODEN LNMAA2. ISBN 3-540-56499-3 (print), 3-540-47573-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092585/>.

**Coornaert:1993:I**

- [CP93f] Michel Coornaert and Athanase Papadopoulos. Introduction. *Lecture Notes in Mathematics*, 1539:1–4, 1993. CODEN LNMAA2. ISBN 3-540-56499-3 (print), 3-540-47573-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092578/>.

**Coornaert:1993:QRG**

- [CP93g] Michel Coornaert and Athanase Papadopoulos. A quick review of Gromov hyperbolic spaces. *Lecture Notes in Mathematics*, 1539:5–18, 1993. CODEN LNMAA2. ISBN 3-540-56499-3 (print), 3-540-47573-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092579/>.

- Coornaert:1993:SMS**
- [CP93h] Michel Coornaert and Athanase Papadopoulos. Semi-Markovian spaces. *Lecture Notes in Mathematics*, 1539:107–117, 1993. CODEN LNMAA2. ISBN 3-540-56499-3 (print), 3-540-47573-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092584/>.
- Coornaert:1993:SD**
- [CP93i] Michel Coornaert and Athanase Papadopoulos. Symbolic dynamics. *Lecture Notes in Mathematics*, 1539:19–42, 1993. CODEN LNMAA2. ISBN 3-540-56499-3 (print), 3-540-47573-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092580/>.
- Coornaert:1993:SDH**
- [CP93j] Michel Coornaert and Athanase Papadopoulos. *Symbolic Dynamics and Hyperbolic Groups*, volume 1539 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1993. CODEN LNMAA2. ISBN 3-540-56499-3 (print), 3-540-47573-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). viii + 138 pp. LCCN QA3 .L28 no. 1539. URL <http://link.springer.com/book/10.1007/BFb0092577>; <http://www.springerlink.com/content/978-3-540-47573-6>.
- Coornaert:1993:THB**
- [CP93k] Michel Coornaert and Athanase Papadopoulos. Trees and hyperbolic boundary. *Lecture Notes in Mathematics*, 1539:91–106, 1993. CODEN LNMAA2. ISBN 3-540-56499-3 (print), 3-540-47573-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092583/>.
- Carboni:1991:CTP**
- [CPR91] Aurelio Carboni, Maria Cristina Pedicchio, and Giuseppe Rosolini, editors. *Category Theory: Proceedings of the International Conference held in Como, Italy, July 22–28, 1990*, volume 1488 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1991. CODEN LNMAA2. ISBN 3-540-54706-1 (print), 3-540-46435-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1488. URL <http://link.springer.com/book/10.1007/BFb0084207>; <http://www.springerlink.com/content/978-3-540-46435-8>.

**Cogdell:1990:MCK**

- [CPS90] J. W. Cogdell and I. I. Piatetski-Shapiro. The meromorphic continuation of Kloosterman–Selberg zeta functions. *Lecture Notes in Mathematics*, 1422:23–35, 1990. CODEN LNMAA2. ISBN 3-540-52434-7 (print), 3-540-46988-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0089402/>.

**Cattabriga:1991:MAA**

- [CR91] Lamberto Cattabriga and Luigi Rodino, editors. *Microlocal Analysis and Applications: Lectures given at the 2nd Session of the Centro Internazionale Matematico Estivo (C.I.M.E.) held at Montecatini Terme, Italy, July 3–11, 1989*, volume 1495 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1991. CODEN LNMAA2. ISBN 3-540-54948-X (print), 3-540-46603-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1495. URL <http://link.springer.com/book/10.1007/BFb0085120>; <http://www.springerlink.com/content/978-3-540-46603-1>.

**Coste:1992:TFF**

- [CR92] Michel Coste and Miloud Reguiat. Trivialités en famille. (French) []. *Lecture Notes in Mathematics*, 1524:193–204, 1992. CODEN LNMAA2. ISBN 3-540-55992-2 (print), 3-540-47337-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084620/>.

**Crauel:1991:LER**

- [Cra91] Hans Crauel. Lyapunov exponents of random dynamical systems on Grassmannians. *Lecture Notes in Mathematics*, 1486: 38–50, 1991. CODEN LNMAA2. ISBN 3-540-54662-6 (print), 3-540-46431-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086656/>.

**Crandall:1997:VSP**

- [Cra97] Michael G. Crandall. Viscosity solutions: a primer. *Lecture Notes in Mathematics*, 1660:1–43, 1997. CODEN LNMAA2. ISBN 3-540-62910-6 (print), 3-540-69043-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094294/>.

**Coates:1999:FM**

- [CRGR99] John H. Coates, Kenneth A. Ribet, Ralph Greenberg, and Karl Rubin. Front matter. *Lecture Notes in Mathematics*, 1716: ??, 1999. CODEN LNMAA2. ISBN 3-540-66546-3 (print), 3-540-48160-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/content/pdf/bfm:978-3-540-48160-7/1.pdf>.

**Cristante:1990:WRA**

- [Cri90] Valentino Cristante. Witt realization of the  $p$ -adic Barsotti–Tate groups; some applications. *Lecture Notes in Mathematics*, 1454: 205–216, 1990. CODEN LNMAA2. ISBN 3-540-53477-6 (print), 3-540-46906-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0091140/>.

**Cruz:1990:PKD**

- [Cru90] Ricardo N. Cruz. Periodic knots and desuspensions of free involutions on spheres. *Lecture Notes in Mathematics*, 1440:39–47, 1990. CODEN LNMAA2. ISBN 3-540-52990-X (print), 3-540-46296-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084448/>.

**Cavaliere:1990:SGA**

- [CRV90] Maria Pia Cavaliere, Maria Evelina Rossi, and Giuseppe Valla. On short graded algebras. *Lecture Notes in Mathematics*, 1430: 21–31, 1990. CODEN LNMAA2. ISBN 3-540-52745-1 (print), 3-540-47136-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085534/>.

**Campbell:1990:ESD**

- [CRW90] C. M. Campbell, E. F. Robertson, and P. D. Williams. On the efficiency of some direct powers of groups. *Lecture Notes in Mathematics*, 1456:106–113, 1990. CODEN LNMAA2. ISBN 3-540-53475-X (print), 3-540-46900-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0100734/>.

**Cavaretta:1992:VDP**

- [CS92a] A. S. Cavaretta, Jr. and A. Sharma. Variation diminishing properties and convexity for the tensor product Bernstein operator.

*Lecture Notes in Mathematics*, 1511:18–32, 1992. CODEN LNMAA2. ISBN 3-540-55365-7 (print), 3-540-47041-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093794/>.

**Cavicchioli:1992:CMS**

- [CS92b] Alberto Cavicchioli and Fulvia Spaggiari. The classification of 3-manifolds with spines related to Fibonacci groups. *Lecture Notes in Mathematics*, 1509:50–78, 1992. CODEN LNMAA2. ISBN 3-540-55195-6 (print), 3-540-46772-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0087501/>.

**Charzynski:1992:PPC**

- [CS92c] Zygmunt Charzyński and Przemysław Skibiński. Pseudoorthogonality of powers of the coordinates of a holomorphic mapping in two variables with the constant Jacobian. *Lecture Notes in Mathematics*, 1524:178–192, 1992. CODEN LNMAA2. ISBN 3-540-55992-2 (print), 3-540-47337-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084619/>.

**Choulli:1996:DAD**

- [CS96] Tahir Choulli and Christophe Stricker. Deux applications de la décomposition de Galtchouk–Kunita–Watanabe. (French) []. *Lecture Notes in Mathematics*, 1626:12–23, 1996. CODEN LNMAA2. ISBN 3-540-61336-6 (print), 3-540-68463-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094638/>.

**Choulli:1998:SSP**

- [CS98] Tahir Choulli and Christophe Stricker. Séparation d'une surface et d'une sousmartingale par une martingale. (French) []. *Lecture Notes in Mathematics*, 1686:67–72, 1998. CODEN LNMAA2. ISBN 3-540-64376-1 (print), 3-540-69762-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0101751/>.

**Cockburn:1998:FM**

- [CSJT98] Bernardo Cockburn, Chi-Wang Shu, Claes Johnson, and Eitan Tadmor. Front matter. *Lecture Notes in Mathematics*, 1697: ??, 1998. CODEN LNMAA2. ISBN 3-540-64977-8 (print), 3-540-49804-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (elec-

tronic). URL <http://link.springer.com/content/pdf/bfm:978-3-540-49804-9/1.pdf>.

**Sun:1991:HDC**

- [cSyW91] Dao chun Sun and Zhi ying Wen. The Hausdorff dimension of a class of lacunary trigonometric series. *Lecture Notes in Mathematics*, 1494:176–181, 1991. CODEN LNMAA2. ISBN 3-540-54901-3 (print), 3-540-46474-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0087769/>.

**Catanese:1992:VBL**

- [CT92] F. Catanese and F. Tovena. Vector bundles, linear systems and extensions of  $\pi_1$ . *Lecture Notes in Mathematics*, 1507:51–70, 1992. CODEN LNMAA2. ISBN 3-540-55235-9 (print), 3-540-46786-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094510/>.

**Colliot-Thelene:1993:CAT**

- [CT93] Jean-Louis Colliot-Thélène. Cycles algébriques de torsion et  $K$ -théorie algébrique. Cours au C.I.M.E., juin 1991. (French) []. *Lecture Notes in Mathematics*, 1553:1–49, 1993. CODEN LNMAA2. ISBN 3-540-57110-8 (print), 3-540-47909-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084728/>.

**Colliot-Thelene:1993:AAG**

- [CTKV93a] Jean-Louis Colliot-Thélène, Kazuya Kato, and Paul Vojta. Arithmetic algebraic geometry, Trento, Italy 1991. *Lecture Notes in Mathematics*, 1553:e1–e2, 1993. CODEN LNMAA2. ISBN 3-540-57110-8 (print), 3-540-47909-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0120521>.

**Colliot-Thelene:1993:BM**

- [CTKV93b] Jean-Louis Colliot-Thélène, Kazuya Kato, and Paul Vojta. Back matter. *Lecture Notes in Mathematics*, 1553:??, 1993. CODEN LNMAA2. ISBN 3-540-57110-8 (print), 3-540-47909-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/content/pdf/bbm:978-3-540-47909-3/1.pdf>.

**Colliot-Thelene:1993:FM**

- [CTKV93c] Jean-Louis Colliot-Thélène, Kazuya Kato, and Paul Vojta. Front matter. *Lecture Notes in Mathematics*, 1553:??, 1993. CODEN LNMAA2. ISBN 3-540-57110-8 (print), 3-540-47909-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/content/pdf/bfm:978-3-540-47909-3/1.pdf>.

**Cocozza-Thivent:1996:CLS**

- [CTR96] C. Cocozza-Thivent and M. Roussignol. Comparaison des lois stationnaires et quasi-stationnaires d'un processus de Markov et application à la fiabilité. (French) []. *Lecture Notes in Mathematics*, 1626:24–39, 1996. CODEN LNMAA2. ISBN 3-540-61336-6 (print), 3-540-68463-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094639/>.

**Carpenter:1993:SNR**

- [CV93] Amos J. Carpenter and Richard S. Varga. Some numerical results on best uniform polynomial approximation of  $X^\alpha$  on  $[0, 1]$ . *Lecture Notes in Mathematics*, 1550:192–222, 1993. CODEN LNMAA2. ISBN 3-540-56931-6 (print), 3-540-47792-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0117488/>.

**Ciliberto:1992:JHS**

- [CvdG92] Ciro Ciliberto and Gerard van der Geer. On the Jacobian of a hyperplane section of a surface. *Lecture Notes in Mathematics*, 1515:33–40, 1992. CODEN LNMAA2. ISBN 3-540-55295-2 (print), 3-540-47016-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0098336/>.

**Cushman:1990:HHB**

- [CvdM90] R. Cushman and J.-C. van der Meer. The Hamiltonian Hopf bifurcation in the Lagrange top. *Lecture Notes in Mathematics*, 1416:26–38, 1990. CODEN LNMAA2. ISBN 3-540-52191-7 (print), 3-540-46920-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0097463/>.

**Cvitanic:1997:OTU**

- [Cvi97] Jakša Cvitanic. Optimal trading under constraints. *Lecture Notes in Mathematics*, 1656:123–190, 1997. CODEN LNMAA2. ISBN 3-540-62642-5 (print), 3-540-68356-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092000/>.

**Carmody:1991:CQA**

- [CW91a] S. Carmody and R. F. C. Walters. Computing quotients of actions of a free category. *Lecture Notes in Mathematics*, 1488: 63–78, 1991. CODEN LNMAA2. ISBN 3-540-54706-1 (print), 3-540-46435-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084213/>.

**Cooke:1991:SDE**

- [CW91b] Kenneth L. Cooke and Joseph Wiener. A survey of differential equations with piecewise continuous arguments. *Lecture Notes in Mathematics*, 1475:1–15, 1991. CODEN LNMAA2. ISBN 3-540-54120-9 (print), 3-540-47418-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083475/>.

**DaPrato:1999:SPK**

- [Da 99] Giueppe Da Prato, editor. *Stochastic PDE's and Kolmogorov Equations in Infinite Dimensions: Lectures given at the 2nd Session of the Centro Internazionale Matematico Estivo (C.I.M.E.) held in Cetraro, Italy, August 24–September 1, 1998*, volume 1715 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1999. CODEN LNMAA2. ISBN 3-540-66545-5 (print), 3-540-48161-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1715. URL <http://link.springer.com/book/10.1007/BFb0092416>; <http://www.springerlink.com/content/978-3-540-48161-4>.

**Dafermos:1996:ESC**

- [Daf96] C. M. Dafermos. Entropy and the stability of classical solutions of hyperbolic systems of conservation laws. *Lecture Notes in Mathematics*, 1640:48–69, 1996. CODEN LNMAA2. ISBN 3-540-61907-0 (print), 3-540-49565-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093706/>.

**Damon:1991:EES**

- [Dam91a] James Damon. - equivalence and the equivalence of sections of images and discriminants. *Lecture Notes in Mathematics*, 1462: 93–121, 1991. CODEN LNMAA2. ISBN 3-540-53737-6 (print), 3-540-47060-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086377/>.

**Damon:1991:EBM**

- [Dam91b] James Damon. Equivariant bifurcations and morsifications for finite groups. *Lecture Notes in Mathematics*, 1463:80–106, 1991. CODEN LNMAA2. ISBN 3-540-53736-8 (print), 3-540-47047-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085427/>.

**Damailly:1992:SHM**

- [Dam92] Jean-Pierre Damailly. Singular Hermitian metrics on positive line bundles. *Lecture Notes in Mathematics*, 1507:87–104, 1992. CODEN LNMAA2. ISBN 3-540-55235-9 (print), 3-540-46786-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094512/>.

**Danilov:1991:RCT**

- [Dan91] V. I. Danilov. De Rham complex on toroidal variety. *Lecture Notes in Mathematics*, 1479:26–38, 1991. CODEN LNMAA2. ISBN 3-540-54456-9 (print), 3-540-38388-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086261/>.

**Darling:1991:LEP**

- [Dar91] R. W. R. Darling. The Lyapunov exponent for products of infinite-dimensional random matrices. *Lecture Notes in Mathematics*, 1486:206–215, 1991. CODEN LNMAA2. ISBN 3-540-54662-6 (print), 3-540-46431-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086670/>.

**Datuashvili:1990:HDE**

- [Dat90] Tamar Datuashvili. Homological dimension of extensions of abelian categories and rings. *Lecture Notes in Mathematics*, 1437: 1–35, 1990. CODEN LNMAA2. ISBN 3-540-52836-9 (print), 3-540-47162-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic).

tronic). URL <http://link.springer.com/chapter/10.1007/BFb0086717/>.

**Dauns:1990:SMR**

- [Dau90] John Dauns. Semiprime modules and rings. *Lecture Notes in Mathematics*, 1448:41–62, 1990. CODEN LNMAA2. ISBN 3-540-53164-5 (print), 3-540-46745-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0091250/>.

**David:1990:NDD**

- [Dav90] Guy David. Une nouvelle démonstration du théorème  $T(b)$ , d'après Coifman et Semmes. (French) []. *Lecture Notes in Mathematics*, 1438:39–50, 1990. CODEN LNMAA2. ISBN 3-540-52932-2 (print), 3-540-47179-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083514/>.

**David:1991:SIO**

- [Dav91a] Guy David. Singular integral operators. *Lecture Notes in Mathematics*, 1465:26–54, 1991. CODEN LNMAA2. ISBN 3-540-53902-6 (print), 3-540-46377-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0091546/>.

**David:1991:SIC**

- [Dav91b] Guy David. Singular integrals on curves and surfaces. *Lecture Notes in Mathematics*, 1465:55–92, 1991. CODEN LNMAA2. ISBN 3-540-53902-6 (print), 3-540-46377-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0091547/>.

**David:1991:W**

- [Dav91c] Guy David. Wavelets. *Lecture Notes in Mathematics*, 1465:1–25, 1991. CODEN LNMAA2. ISBN 3-540-53902-6 (print), 3-540-46377-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0091545/>.

**David:1991:WSI**

- [Dav91d] Guy David. *Wavelets and Singular Integrals on Curves and Surfaces*, volume 1465 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK /

etc., 1991. CODEN LNMAA2. ISBN 3-540-53902-6 (print), 3-540-46377-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). x + 107 pp. LCCN QA3 .L28 no. 1465. URL <http://link.springer.com/book/10.1007/BFb0091544>; <http://www.springerlink.com/content/978-3-540-46377-1>.

**Dawson:1993:MVM**

- [Daw93] Donald A. Dawson. Measure-valued Markov processes. *Lecture Notes in Mathematics*, 1541:1–260, 1993. CODEN LNMAA2. ISBN 3-540-56622-8 (print), 3-540-47608-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084190/>.

**Dayal:1992:HFD**

- [Day92] Saheb Dayal. Higher Fréchet and discrete Gâteaux differentiability of  $n$ -convex functions on Banach spaces. *Lecture Notes in Mathematics*, 1511:154–171, 1992. CODEN LNMAA2. ISBN 3-540-55365-7 (print), 3-540-47041-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093809/>.

**Dazord:1990:GST**

- [Daz90] Pierre Dazord. Groupoïdes symplectiques et troisième théorème de Lie ‘non linéaire’. (French) []. *Lecture Notes in Mathematics*, 1416:39–74, 1990. CODEN LNMAA2. ISBN 3-540-52191-7 (print), 3-540-46920-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0097464/>.

**deBartolomeis:1991:GTR**

- [dT91] Paolo de Bartolomeis and Franco Tricerri, editors. *Geometric Topology: Recent Developments: Lectures given on the 1st Session of the Centro Internazionale Matematico Estivo (C.I.M.E.) held at Montecatini Terme, Italy, June 4–12, 1990*, volume 1504 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1991. CODEN LNMAA2. ISBN 3-540-55017-8 (print), 3-540-46651-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1504. URL <http://link.springer.com/book/10.1007/BFb0094287>; <http://www.springerlink.com/content/978-3-540-46651-2>.

**Diener:1991:MD**

- [DD91] Francine Diener and Marc Diener. Maximal delay. *Lecture Notes in Mathematics*, 1493:71–86, 1991. CODEN LNMAA2. ISBN 3-540-54900-5 (print), 3-540-46471-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085025/>.

**Deslauriers:1990:SII**

- [DDD90] Gilles Deslauriers, Jacques Dubois, and Serge Dubuc. Schéma itératif d’interpolation. (French) [Iterative interpolation scheme]. *Lecture Notes in Mathematics*, 1438:93–101, 1990. CODEN LNMAA2. ISBN 3-540-52932-2 (print), 3-540-47179-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083517/>.

**Diekmann:1999:FM**

- [DDH<sup>+</sup>99] Odo Diekmann, Richard Durrett, Karl Peter Hadeler, Philip K. Maini, and Hal Smith. Front matter. *Lecture Notes in Mathematics*, 1714:??, 1999. CODEN LNMAA2. ISBN 3-540-66522-6 (print), 3-540-48170-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/content/pdf/bfm:978-3-540-48170-6/1.pdf>.

**DePierro:1991:MIM**

- [De 91] Alvaro R. De Pierro. Multiplicative iterative methods in computed tomography. *Lecture Notes in Mathematics*, 1497:167–186, 1991. CODEN LNMAA2. ISBN 3-540-54970-6 (print), 3-540-46615-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084517/>.

**DeSamLazaro:1996:CET**

- [De 96] J. De Sam Lazaro. Un contre-exemple touchant à l’indépendance. (French) []. *Lecture Notes in Mathematics*, 1626:100–103, 1996. CODEN LNMAA2. ISBN 3-540-61336-6 (print), 3-540-68463-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094643/>.

**Debarre:1992:VSE**

- [Deb92] Olivier Debarre. Vers une stratification de l’espace des modules des variétés abéliennes principalement polarisées. (French) []. *Lecture Notes in Mathematics*, 1507:71–86, 1992. CODEN

LNMAA2. ISBN 3-540-55235-9 (print), 3-540-46786-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094511/>.

**Degtyarev:1992:SOR**

- [Deg92] A. I. Degtyarev. Stiefel orientations on a real algebraic variety. *Lecture Notes in Mathematics*, 1524:205–220, 1992. CODEN LNMAA2. ISBN 3-540-55992-2 (print), 3-540-47337-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084621/>.

**Dekimpe:1996:ACA**

- [Dek96a] Karel Dekimpe. Algebraic characterizations of almost-crystallographic groups. *Lecture Notes in Mathematics*, 1639:31–46, 1996. CODEN LNMAA2. ISBN 3-540-61899-6 (print), 3-540-49564-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094475/>.

**Dekimpe:1996:ABG**

- [Dek96b] Karel Dekimpe. *Almost-Bieberbach Groups: Affine and Polynomial Structures*, volume 1639 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1996. CODEN LNMAA2. ISBN 3-540-61899-6 (print), 3-540-49564-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). x + 259 pp. LCCN QA3 .L28 no. 1639. URL <http://link.springer.com/book/10.1007/BFb0094472>; <http://www.springerlink.com/content/978-3-540-49564-2>.

**Dekimpe:1996:CTR**

- [Dek96c] Karel Dekimpe. Canonical type representations. *Lecture Notes in Mathematics*, 1639:47–102, 1996. CODEN LNMAA2. ISBN 3-540-61899-6 (print), 3-540-49564-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094476/>.

**Dekimpe:1996:CS**

- [Dek96d] Karel Dekimpe. Classification survey. *Lecture Notes in Mathematics*, 1639:159–230, 1996. CODEN LNMAA2. ISBN 3-540-61899-6 (print), 3-540-49564-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094479>.

**Dekimpe:1996:CVN**

- [Dek96e] Karel Dekimpe. The cohomology of virtually nilpotent groups. *Lecture Notes in Mathematics*, 1639:103–120, 1996. CODEN LNMAA2. ISBN 3-540-61899-6 (print), 3-540-49564-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094477/>.

**Dekimpe:1996:INA**

- [Dek96f] Karel Dekimpe. Infra-nilmanifolds and almost-Bieberbach groups. *Lecture Notes in Mathematics*, 1639:13–30, 1996. CODEN LNMAA2. ISBN 3-540-61899-6 (print), 3-540-49564-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094474/>.

**Dekimpe:1996:INT**

- [Dek96g] Karel Dekimpe. Infra-nilmanifolds and their topological invariants. *Lecture Notes in Mathematics*, 1639:121–157, 1996. CODEN LNMAA2. ISBN 3-540-61899-6 (print), 3-540-49564-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094478/>.

**Dekimpe:1996:PNC**

- [Dek96h] Karel Dekimpe. Preliminaries and notational conventions. *Lecture Notes in Mathematics*, 1639:1–11, 1996. CODEN LNMAA2. ISBN 3-540-61899-6 (print), 3-540-49564-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094473/>.

**Dellacherie:1990:MST**

- [Del90a] C. Dellacherie. Modèles simples de la théorie du potentiel non linéaire. (French) []. *Lecture Notes in Mathematics*, 1426:63–104, 1990. CODEN LNMAA2. ISBN 3-540-52694-3 (print), 3-540-47098-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083758/>.

**Dellacherie:1990:TPP**

- [Del90b] C. Dellacherie. Théorie des processus de production. (French) []. *Lecture Notes in Mathematics*, 1426:52–62, 1990. CODEN LNMAA2. ISBN 3-540-52694-3 (print), 3-540-47098-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083757/>.

**Delcroix:1991:TLS**

- [Del91a] Antoine Delcroix. A tool for the local study of slow-fast vector fields: The zoom. *Lecture Notes in Mathematics*, 1493:151–167, 1991. CODEN LNMAA2. ISBN 3-540-54900-5 (print), 3-540-46471-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085029/>.

**Delfs:1991:ALS**

- [Del91b] Hans Delfs. Abstract locally semialgebraic spaces. *Lecture Notes in Mathematics*, 1484:1–16, 1991. CODEN LNMAA2. ISBN 3-540-54615-4 (print), 3-540-38494-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093940/>.

**Delfs:1991:HLS**

- [Del91c] Hans Delfs. *Homology of Locally Semialgebraic Spaces*, volume 1484 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1991. CODEN LNMAA2. ISBN 3-540-54615-4 (print), 3-540-38494-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). x + 136 pp. LCCN QA3 .L28 no. 1484. URL <http://link.springer.com/book/10.1007/BFb0093939>; <http://www.springerlink.com/content/978-3-540-38494-6>.

**Delfs:1991:SBM**

- [Del91d] Hans Delfs. Semialgebraic Borel-Moore-homology. *Lecture Notes in Mathematics*, 1484:62–114, 1991. CODEN LNMAA2. ISBN 3-540-54615-4 (print), 3-540-38494-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093942/>.

**Delfs:1991:STL**

- [Del91e] Hans Delfs. Sheaf theory on locally semialgebraic spaces. *Lecture Notes in Mathematics*, 1484:17–61, 1991. CODEN LNMAA2. ISBN 3-540-54615-4 (print), 3-540-38494-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093941/>.

**Delfs:1991:SIT**

- [Del91f] Hans Delfs. Some intersection theory. *Lecture Notes in Mathematics*, 1484:115–129, 1991. CODEN LNMAA2. ISBN 3-540-54615-4

(print), 3-540-38494-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093943/>.

**Dellacherie:1991:TNL**

- [Del91g] C. Dellacherie. Théorie non linéaire du potentiel: Un principe unifié de domination et du maximum et quelques applications. (French) []. *Lecture Notes in Mathematics*, 1485:1–9, 1991. CODEN LNMAA2. ISBN 3-540-54616-2 (print), 3-540-38496-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0100840/>.

**Delort:1992:BM**

- [Del92a] Jean-Marc Delort. Back matter. *Lecture Notes in Mathematics*, 1522:99–101, 1992. CODEN LNMAA2. ISBN 3-540-55764-4 (print), 3-662-21539-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/content/pdf/bbm:978-3-662-21539-5/1.pdf>.

**Delort:1992:FBT**

- [Del92b] Jean-Marc Delort. *F.B.I. Transformation: Second Microlocalization and Semilinear Caustics*, volume 1522 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1992. CODEN LNMAA2. ISBN 3-540-55764-4 (print), 3-662-21539-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). vi + 101 pp. LCCN QA3 .L28 no. 1522. URL <http://link.springer.com/book/10.1007/978-3-662-21539-5>; <http://www.springerlink.com/content/978-3-662-21539-5>.

**Delort:1992:FBI**

- [Del92c] Jean-Marc Delort. Fourier–Bros–Iagolnitzer transformation and first microlocalization. *Lecture Notes in Mathematics*, 1522:7–27, 1992. CODEN LNMAA2. ISBN 3-540-55764-4 (print), 3-662-21539-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-662-21539-5\\_2/](http://link.springer.com/chapter/10.1007/978-3-662-21539-5_2/).

**Delort:1992:FM**

- [Del92d] Jean-Marc Delort. Front matter. *Lecture Notes in Mathematics*, 1522:i–vi, 1992. CODEN LNMAA2. ISBN 3-540-55764-4 (print), 3-662-21539-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/content/pdf/bfm:978-3-662-21539-5/1.pdf>.

**Delort:1992:GUB**

- [Del92e] Jean-Marc Delort. Geometric upper bounds. *Lecture Notes in Mathematics*, 1522:47–71, 1992. CODEN LNMAA2. ISBN 3-540-55764-4 (print), 3-662-21539-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-662-21539-5\\_4/](http://link.springer.com/chapter/10.1007/978-3-662-21539-5_4/).

**Delort:1992:I**

- [Del92f] Jean-Marc Delort. Introduction. *Lecture Notes in Mathematics*, 1522:1–6, 1992. CODEN LNMAA2. ISBN 3-540-55764-4 (print), 3-662-21539-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-662-21539-5\\_1/](http://link.springer.com/chapter/10.1007/978-3-662-21539-5_1/).

**Delort:1992:SM**

- [Del92g] Jean-Marc Delort. Second microlocalization. *Lecture Notes in Mathematics*, 1522:28–46, 1992. CODEN LNMAA2. ISBN 3-540-55764-4 (print), 3-662-21539-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-662-21539-5\\_3/](http://link.springer.com/chapter/10.1007/978-3-662-21539-5_3/).

**Delort:1992:SCP**

- [Del92h] Jean-Marc Delort. Semilinear Cauchy problem. *Lecture Notes in Mathematics*, 1522:72–98, 1992. CODEN LNMAA2. ISBN 3-540-55764-4 (print), 3-662-21539-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-662-21539-5\\_5/](http://link.springer.com/chapter/10.1007/978-3-662-21539-5_5/).

**deLaubenfels:1994:AMG**

- [deL94a] Ralph deLaubenfels. Arbitrary matrices of generators of bounded strongly continuous groups. *Lecture Notes in Mathematics*, 1570:92–93, 1994. CODEN LNMAA2. ISBN 3-540-57703-3 (print), 3-540-48322-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073415>.

**deLaubenfels:1994:BVH**

- [deL94b] Ralph deLaubenfels. Boundary values of holomorphic semigroups. *Lecture Notes in Mathematics*, 1570:73–75, 1994. CODEN LNMAA2. ISBN 3-540-57703-3 (print), 3-540-48322-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073411>.

**deLaubenfels:1994:RHY**

- [deL94c] Ralph deLaubenfels. *C*-resolvents and Hille–Yosida type theorems. *Lecture Notes in Mathematics*, 1570:104–109, 1994. CODEN LNMAA2. ISBN 3-540-57703-3 (print), 3-540-48322-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073418/>.

**deLaubenfels:1994:CPL**

- [deL94d] Ralph deLaubenfels. The Cauchy problem for the Laplace equation. *Lecture Notes in Mathematics*, 1570:71–72, 1994. CODEN LNMAA2. ISBN 3-540-57703-3 (print), 3-540-48322-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073410>.

**deLaubenfels:1994:EVE**

- [deL94e] Ralph deLaubenfels. Entire vectors and entire existence families. *Lecture Notes in Mathematics*, 1570:60–65, 1994. CODEN LNMAA2. ISBN 3-540-57703-3 (print), 3-540-48322-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073408/>.

**deLaubenfels:1994:EUF**

- [deL94f] Ralph deLaubenfels. Existence and uniqueness families. *Lecture Notes in Mathematics*, 1570:97–103, 1994. CODEN LNMAA2. ISBN 3-540-57703-3 (print), 3-540-48322-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/BFb0073417/](http://link.springer.com/chapter/10.1007/BFb0073417).

**deLaubenfels:1994:EF**

- [deL94g] Ralph deLaubenfels. Existence families. *Lecture Notes in Mathematics*, 1570:7–12, 1994. CODEN LNMAA2. ISBN 3-540-57703-3 (print), 3-540-48322-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073403/>.

**deLaubenfels:1994:EFF**

- [deL94h] Ralph deLaubenfels. *Existence Families, Functional Calculi and Evolution Equations*, volume 1570 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1994. CODEN LNMAA2. ISBN 3-540-57703-3 (print), 3-540-48322-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). xvi + 234 pp. LCCN QA3 .L28 no. 1570.

URL <http://link.springer.com/book/10.1007/BFb0073401>;  
<http://www.springerlink.com/content/978-3-540-48322-9>.

**deLaubenfels:1994:EBB**

- [deL94i] Ralph deLaubenfels. Exponentially bounded (Banach) solution spaces. *Lecture Notes in Mathematics*, 1570:38–54, 1994. CODEN LNMAA2. ISBN 3-540-57703-3 (print), 3-540-48322-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073406/>.

**deLaubenfels:1994:FCC**

- [deL94j] Ralph deLaubenfels. Functional calculus for commuting generators of bounded strongly continuous groups. *Lecture Notes in Mathematics*, 1570:79–85, 1994. CODEN LNMAA2. ISBN 3-540-57703-3 (print), 3-540-48322-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073413/>.

**deLaubenfels:1994:IEE**

- [deL94k] Ralph deLaubenfels. Intuition and elementary examples. *Lecture Notes in Mathematics*, 1570:1–6, 1994. CODEN LNMAA2. ISBN 3-540-57703-3 (print), 3-540-48322-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073402/>.

**deLaubenfels:1994:MER**

- [deL94l] Ralph deLaubenfels. More examples of regularized semigroups. *Lecture Notes in Mathematics*, 1570:94–96, 1994. CODEN LNMAA2. ISBN 3-540-57703-3 (print), 3-540-48322-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073416/>.

**deLaubenfels:1994:P**

- [deL94m] Ralph deLaubenfels. Perturbations. *Lecture Notes in Mathematics*, 1570:113–124, 1994. CODEN LNMAA2. ISBN 3-540-57703-3 (print), 3-540-48322-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073420/>.

**deLaubenfels:1994:PCM**

- [deL94n] Ralph deLaubenfels. Petrovsky correct matrices of generators of bounded strongly continuous groups. *Lecture Notes in Mathematics*, 1570:86–91, 1994. CODEN LNMAA2. ISBN 3-540-57703-3

(print), 3-540-48322-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073414/>.

**deLaubenfels:1994:RS**

- [deL94o] Ralph deLaubenfels. Regularized semigroups. *Lecture Notes in Mathematics*, 1570:13–23, 1994. CODEN LNMAA2. ISBN 3-540-57703-3 (print), 3-540-48322-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073404/>.

**deLaubenfels:1994:RIS**

- [deL94p] Ralph deLaubenfels. Relationship to integrated semigroups. *Lecture Notes in Mathematics*, 1570:110–112, 1994. CODEN LNMAA2. ISBN 3-540-57703-3 (print), 3-540-48322-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073419/>.

**deLaubenfels:1994:RPP**

- [deL94q] Ralph deLaubenfels. Reversibility of parabolic problems. *Lecture Notes in Mathematics*, 1570:66–70, 1994. CODEN LNMAA2. ISBN 3-540-57703-3 (print), 3-540-48322-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073409/>.

**deLaubenfels:1994:SE**

- [deL94r] Ralph deLaubenfels. The Schrödinger equation. *Lecture Notes in Mathematics*, 1570:76–78, 1994. CODEN LNMAA2. ISBN 3-540-57703-3 (print), 3-540-48322-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073412/>.

**deLaubenfels:1994:SSO**

- [deL94s] Ralph deLaubenfels. The solution space of an operator and automatic well-posedness. *Lecture Notes in Mathematics*, 1570:24–37, 1994. CODEN LNMAA2. ISBN 3-540-57703-3 (print), 3-540-48322-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073405/>.

**deLaubenfels:1994:TO**

- [deL94t] Ralph deLaubenfels. Type of an operator. *Lecture Notes in Mathematics*, 1570:125–127, 1994. CODEN LNMAA2. ISBN

3-540-57703-3 (print), 3-540-48322-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073421/>.

**deLaubenfels:1994:WPL**

- [deL94u] Ralph deLaubenfels. Well-posedness on a larger space; generalized solutions. *Lecture Notes in Mathematics*, 1570:55–59, 1994. CODEN LNMAA2. ISBN 3-540-57703-3 (print), 3-540-48322-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073407/>.

**Delon:1998:SCF**

- [Del98] Françoise Delon. Separably closed fields. *Lecture Notes in Mathematics*, 1696:143–176, 1998. CODEN LNMAA2. ISBN 3-540-64863-1 (print), 3-540-68521-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-540-68521-0\\_9/](http://link.springer.com/chapter/10.1007/978-3-540-68521-0_9/).

**Demainly:1996:VTP**

- [Dem96] Jean-Pierre Demainly.  $L^2$  vanishing theorems for positive line bundles and adjunction theory. *Lecture Notes in Mathematics*, 1646:1–97, 1996. CODEN LNMAA2. ISBN 3-540-62038-9 (print), 3-540-49632-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094302/>.

**Denkowska:1992:SSP**

- [Den92] Zofia Denkowska. Subanalyticity and the second part of Hilbert’s 16<sup>th</sup> problem. *Lecture Notes in Mathematics*, 1524:221–234, 1992. CODEN LNMAA2. ISBN 3-540-55992-2 (print), 3-540-47337-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084622/>.

**Dermoune:1995:CSI**

- [Der95] A. Dermoune. Chaoticity on a stochastic interval  $[0, T]$ . *Lecture Notes in Mathematics*, 1613:117–124, 1995. CODEN LNMAA2. ISBN 3-540-60219-4 (print), 3-540-44744-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094204/>.

**Dubins:1993:LTB**

- [DÉY93] L. E. Dubins, Michel Émery, and M. Yor. On the Lévy transformation of Brownian motions and continuous martingales. *Lec-*

*Lecture Notes in Mathematics*, 1557:122–132, 1993. CODEN LNMAA2. ISBN 3-540-57282-1 (print), 3-540-48034-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0087970/>.

deFoglio:1990:NOR

- [dF90] Susana Fernandez Long de Foglio. New and old results concerning Henstock’s integrals. *Lecture Notes in Mathematics*, 1419: 25–37, 1990. CODEN LNMAA2. ISBN 3-540-52322-7 (print), 3-540-46955-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083097/>.

Dethloff:1990:DCR

- [DG90] Gerd Dethloff and Hans Grauert. Deformation of compact Riemann surfaces  $Y$  of genus  $p$  with distinguished points  $P_1, \dots, P_m \in Y$ . *Lecture Notes in Mathematics*, 1422:37–44, 1990. CODEN LNMAA2. ISBN 3-540-52434-7 (print), 3-540-46988-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0089403/>.

Degond:1991:SMB

- [DGDMN91] P. Degond, F. Guyot-Delaurens, F. J. Mustieles, and F. Nier. Semiconductor modelling via the Boltzmann equation. *Lecture Notes in Mathematics*, 1460:87–106, 1991. CODEN LNMAA2. ISBN 3-540-53545-4 (print), 3-540-46779-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0091363/>.

Diekmann:1991:SRE

- [DGT91] Odo Diekmann, Mats Gyllenberg, and Horst R. Thieme. Semigroups and renewal equations on dual Banach spaces with applications to population dynamics. *Lecture Notes in Mathematics*, 1475:116–129, 1991. CODEN LNMAA2. ISBN 3-540-54120-9 (print), 3-540-47418-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083485/>.

Dancer:1990:BSP

- [DH90] E. N. Dancer and P. Hess. Behaviour of a semilinear periodic-parabolic problem when a parameter is small. *Lecture Notes in Mathematics*, 1450:12–19, 1990. CODEN LNMAA2. ISBN 3-540-53393-1 (print), 3-540-46818-8 (e-book). ISSN 0075-8434

(print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084895/>.

**Dales:1994:BA**

- [DH94] H. G. Dales and A. Ya. Helemskii. Banach algebras. *Lecture Notes in Mathematics*, 1573:51–154, 1994. CODEN LNMAA2. ISBN 3-540-57870-6 (print), 3-540-48367-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0100203/>.

**Dellacherie:1998:SMS**

- [DI98] C. Dellacherie and A. Iwanik. Sous-mesures symétriques sur un ensemble fini. (French) [ ]. *Lecture Notes in Mathematics*, 1686: 1–5, 1998. CODEN LNMAA2. ISBN 3-540-64376-1 (print), 3-540-69762-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0101745/>.

**Didierjean:1990:HEE**

- [Did90] G. Didierjean. Homotopie des espaces d’Équivalences. (French) [Homotopy of equivalent spaces]. *Lecture Notes in Mathematics*, 1425:32–39, 1990. CODEN LNMAA2. ISBN 3-540-52658-7 (print), 3-540-47091-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083828/>.

**Diekmann:1999:MAP**

- [Die99] Odo Diekmann. Modeling and analysing physiologically structured populations. *Lecture Notes in Mathematics*, 1714:1–37, 1999. CODEN LNMAA2. ISBN 3-540-66522-6 (print), 3-540-48170-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092374/>.

**Dimca:1991:DFH**

- [Dim91] Alexandru Dimca. Differential forms and hypersurface singularities. *Lecture Notes in Mathematics*, 1462:122–153, 1991. CODEN LNMAA2. ISBN 3-540-53737-6 (print), 3-540-47060-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086378/>.

**Dixmier:1991:IDG**

- [Dix91] Jacques Dixmier. Sur les invariants du groupe symétrique dans certaines représentations, II. (French) []. *Lecture Notes in Mathematics*, 1478:1–34, 1991. CODEN LNMAA2. ISBN 3-540-54377-5 (print), 3-540-47592-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083500/>.

**Dix:1997:A**

- [Dix97a] Daniel B. Dix. Applications. *Lecture Notes in Mathematics*, 1668: 155–193, 1997. CODEN LNMAA2. ISBN 3-540-63434-7 (print), 3-540-69545-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093373/>.

**Dix:1997:EIR**

- [Dix97b] Daniel B. Dix. Expansion in the inner region, matching. *Lecture Notes in Mathematics*, 1668:75–95, 1997. CODEN LNMAA2. ISBN 3-540-63434-7 (print), 3-540-69545-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093370/>.

**Dix:1997:LEO**

- [Dix97c] Daniel B. Dix. Laplace expansions, outer regions. *Lecture Notes in Mathematics*, 1668:1–74, 1997. CODEN LNMAA2. ISBN 3-540-63434-7 (print), 3-540-69545-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093369/>.

**Dix:1997:LTB**

- [Dix97d] Daniel B. Dix. *Large-time Behavior of Solutions of Linear Dispersive Equations*, volume 1668 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1997. CODEN LNMAA2. ISBN 3-540-63434-7 (print), 3-540-69545-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). xiv + 203 pp. LCCN QA3 .L28 no. 1668. URL <http://link.springer.com/book/10.1007/BFb0093368>; <http://www.springerlink.com/content/978-3-540-69545-5>.

**Dix:1997:SRS**

- [Dix97e] Daniel B. Dix. Special results for special cases. *Lecture Notes in Mathematics*, 1668:114–154, 1997. CODEN LNMAA2. ISBN

3-540-63434-7 (print), 3-540-69545-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093372/>.

**Dix:1997:UVE**

- [Dix97f] Daniel B. Dix. Uniformly valid expansions as  $t \rightarrow \infty$ . *Lecture Notes in Mathematics*, 1668:96–113, 1997. CODEN LNMAA2. ISBN 3-540-63434-7 (print), 3-540-69545-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093371/>.

**deJong:1993:ALB**

- [dJ93] Johan de Jong. Ample line bundles and intersection theory. *Lecture Notes in Mathematics*, 1566:69–76, 1993. CODEN LNMAA2. ISBN 3-540-57528-6 (print), 3-540-48208-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-540-48208-6\\_7/](http://link.springer.com/chapter/10.1007/978-3-540-48208-6_7/).

**Downey:1990:ANS**

- [DJS90] Rod Downey, Carl Jockusch, and Michael Stob. Array nonrecursive sets and multiple permitting arguments. *Lecture Notes in Mathematics*, 1432:141–173, 1990. CODEN LNMAA2. ISBN 3-540-52772-9 (print), 3-540-47142-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086116/>.

**deJong:1991:D**

- [dJvS91] T. de Jong and D. van Straten. Disentanglements. *Lecture Notes in Mathematics*, 1462:199–211, 1991. CODEN LNMAA2. ISBN 3-540-53737-6 (print), 3-540-47060-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086383/>.

**Denker:1992:ULC**

- [DK92] M. Denker and K. F. Krämer. Upper and lower class results for subsequences of the champernowne number. *Lecture Notes in Mathematics*, 1514:83–89, 1992. CODEN LNMAA2. ISBN 3-540-55444-0 (print), 3-540-47076-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0097529/>.

**Dimitrov:1993:SCE**

- [DK93a] B. Dimitrov and Z. Khalil. Some characterizations of the exponential distribution based on the service time properties of an unreliable server. *Lecture Notes in Mathematics*, 1546:17–25, 1993. CODEN LNMAA2. ISBN 3-540-56744-5 (print), 3-540-47645-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084478/>.

**Dobrushin:1993:FM**

- [DK93b] Roland Lvovich Dobrushin and Shigeo Kusuoka. Front matter. *Lecture Notes in Mathematics*, 1567:??, 1993. CODEN LNMAA2. ISBN 3-540-57516-2 (print), 3-540-48205-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/content/pdf/bfm:978-3-540-48205-5/1.pdf>.

**Dobrushin:1993:SMF**

- [DK93c] Roland Lvovich Dobrushin and Shigeo Kusuoka. *Statistical Mechanics and Fractals*, volume 1567 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1993. CODEN LNMAA2. ISBN 3-540-57516-2 (print), 3-540-48205-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). vi + 98 pp. LCCN QA3 .L28 no. 1567. URL <http://link.springer.com/book/10.1007/BFb0074238>; <http://www.springerlink.com/content/978-3-540-48205-5>.

**Dynkin:1994:SIB**

- [DK94] E. M. Dyn'kin and S. V. Kisliakov. Singular integrals, BMO,  $H^p$ . *Lecture Notes in Mathematics*, 1573:409–464, 1994. CODEN LNMAA2. ISBN 3-540-57870-6 (print), 3-540-48367-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0100211/>.

**Denef:1990:PNP**

- [DL90] J. Denef and F. Loeser. Polyèdres de Newton et poids de sommes exponentielles. (French) []. *Lecture Notes in Mathematics*, 1454: 217–222, 1990. CODEN LNMAA2. ISBN 3-540-53477-6 (print), 3-540-46906-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0091141/>.

**Dias:1996:CSH**

- [DL96a] Danielle Dias and Patrick Le Barz. *Configuration Spaces over Hilbert Schemes and Applications*, volume 1647 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1996. CODEN LNMAA2. ISBN 3-540-62050-8 (print), 3-540-49634-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). viii + 143 pp. LCCN QA3 .L28 no. 1647. URL <http://link.springer.com/book/10.1007/BFb0093653>; <http://www.springerlink.com/content/978-3-540-49634-2>.

**Dias:1996:CCQ**

- [DL96b] Danielle Dias and Patrick Le Barz. Construction of a complete quadruples variety. *Lecture Notes in Mathematics*, 1647: 66–128, 1996. CODEN LNMAA2. ISBN 3-540-62050-8 (print), 3-540-49634-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093656>.

**Dias:1996:DTP**

- [DL96c] Danielle Dias and Patrick Le Barz. Double and triple points formula. *Lecture Notes in Mathematics*, 1647:10–64, 1996. CODEN LNMAA2. ISBN 3-540-62050-8 (print), 3-540-49634-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093655>.

**Dias:1996:I**

- [DL96d] Danielle Dias and Patrick Le Barz. Introduction. *Lecture Notes in Mathematics*, 1647:1–8, 1996. CODEN LNMAA2. ISBN 3-540-62050-8 (print), 3-540-49634-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093654>.

**Dolcetta:1997:VSA**

- [DL97] Italo Capuzzo Dolcetta and Pierre Louis Lions, editors. *Viscosity Solutions and Applications: Lectures given at the 2nd Session of the Centro Internazionale Matematico Estivo (C.I.M.E.) held in Montecatini Terme, Italy, June 12–20, 1995*, volume 1660 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1997. CODEN LNMAA2. ISBN 3-540-62910-6 (print), 3-540-69043-3 (e-book). ISSN 0075-8434 (print), 1617-9692

(electronic). LCCN QA3 .L28 no. 1660. URL <http://link.springer.com/book/10.1007/BFb0094293>; <http://www.springerlink.com/content/978-3-540-69043-6>.

**delaRue:1993:ELF**

- [dlR93] Thierry de la Rue. Espaces de Lebesgue. (French) [Lebesgue spaces]. *Lecture Notes in Mathematics*, 1557:15–21, 1993. CODEN LNMAA2. ISBN 3-540-57282-1 (print), 3-540-48034-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0087958/>.

**Droms:1990:TCF**

- [DLS90] Carl Droms, Jacques Lewin, and Herman Servatius. The Tits conjecture and the five string braid group. *Lecture Notes in Mathematics*, 1440:48–51, 1990. CODEN LNMAA2. ISBN 3-540-52990-X (print), 3-540-46296-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084449/>.

**Davis:1990:PH**

- [DM90a] Donald M. Davis and Mark Mahowald.  $v_1$ -periodic homotopy of  $\mathrm{Sp}(2)$ ,  $\mathrm{Sp}(3)$ , and  $S^{2n}$ . *Lecture Notes in Mathematics*, 1418: 219–237, 1990. CODEN LNMAA2. ISBN 3-540-52246-8 (print), 3-540-46938-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083706/>.

**Desolneux-Moulis:1990:DSH**

- [DM90b] N. Desolneux-Moulis. Dynamique des systèmes hamiltoniens complètement intégrables sur les variétés compactes. (French) []. *Lecture Notes in Mathematics*, 1416:75–83, 1990. CODEN LNMAA2. ISBN 3-540-52191-7 (print), 3-540-46920-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0097465/>.

**Downey:1990:SD**

- [DM90c] Rod Downey and Joe Mourad. Superbranching degrees. *Lecture Notes in Mathematics*, 1432:175–186, 1990. CODEN LNMAA2. ISBN 3-540-52772-9 (print), 3-540-47142-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086117/>.

**deMonvel:1993:ISD**

- [dM93a] L. Boutet de Monvel. Indice des systèmes différentiels. (French) []. *Lecture Notes in Mathematics*, 1565:1–30, 1993. CODEN LNMAA2. ISBN 3-540-57498-0 (print), 3-540-48195-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073465/>.

**DellAntonio:1993:DFL**

- [DM93b] Gianfausto Dell’Antonio and Umberto Mosco, editors. *Dirichlet Forms: Lectures given at the 1st Session of the Centro Internazionale Matematico Estivo (C.I.M.E.) held in Varenna, Italy, June 8–19, 1992*, volume 1563 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1993. CODEN LNMAA2. ISBN 3-540-57421-2 (print), 3-540-48151-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1563. URL <http://link.springer.com/book/10.1007/BFb0074088>; <http://www.springerlink.com/content/978-3-540-48151-5>.

**Donagi:1996:SCA**

- [DM96] Ron Donagi and Eyal Markman. Spectral covers, algebraically completely integrable, Hamiltonian systems, and moduli of bundles. *Lecture Notes in Mathematics*, 1620:1–119, 1996. CODEN LNMAA2. ISBN 3-540-60542-8 (print), 3-540-47706-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094792/>.

**deMeyer:1999:SAT**

- [dM99] Bernard de Meyer. Une simplification de l’argument de Tsirelson sur le caractère non-brownien des processus de Walsh. (French) []. *Lecture Notes in Mathematics*, 1709:217–220, 1999. CODEN LNMAA2. ISBN 3-540-66342-8 (print), 3-540-48407-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096512/>.

**Dudley:1999:DCQ**

- [DN99a] R. M. Dudley and R. Norvaiša. Differentiability of the composition and quantile operators for regulated and A. E. continuous functions. *Lecture Notes in Mathematics*, 1703:209–240, 1999. CODEN LNMAA2. ISBN 3-540-65975-7 (print), 3-540-48814-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0100747/>.

**Dudley:1999:PIY**

- [DN99b] R. M. Dudley and R. Norvaiša. Product integrals, Young integrals and  $p$ -variation. *Lecture Notes in Mathematics*, 1703:73–208, 1999. CODEN LNMAA2. ISBN 3-540-65975-7 (print), 3-540-48814-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0100746/>.

**Dudley:1999:SDS**

- [DN99c] R. M. Dudley and R. Norvaiša. A survey on differentiability of six operators in relation to probability and statistics. *Lecture Notes in Mathematics*, 1703:1–72, 1999. CODEN LNMAA2. ISBN 3-540-65975-7 (print), 3-540-48814-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0100745/>.

**Dudley:1999:DSO**

- [DN99d] Richard M. Dudley and Rimas Norvaiša. *Differentiability of Six Operators on Nonsmooth Functions and  $p$ -Variation*, volume 1703 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1999. CODEN LNMAA2. ISBN 3-540-65975-7 (print), 3-540-48814-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). viii + 277 pp. LCCN QA3 .L28 no. 1703. URL <http://link.springer.com/book/10.1007/BFb0100744>; <http://www.springerlink.com/content/978-3-540-48814-9>.

**Dudley:1999:BVV**

- [DNQ99] R. M. Dudley, R. Norvaiša, and Jinghua Qian. Bibliographies on  $p$ -variation and  $\varphi$ -variation. *Lecture Notes in Mathematics*, 1703:241–272, 1999. CODEN LNMAA2. ISBN 3-540-65975-7 (print), 3-540-48814-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0100748/>.

**Dobrushin:1993:WMF**

- [Dob93] R. L. Dobrushin. On the way to the mathematical foundations of statistical mechanics. *Lecture Notes in Mathematics*, 1567:1–37, 1993. CODEN LNMAA2. ISBN 3-540-57516-2 (print), 3-540-48205-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0074239/>.

**Dobrushin:1996:PMT**

- [Dob96] R. L. Dobrushin. Perturbation methods of the theory of Gibbsian fields. *Lecture Notes in Mathematics*, 1648:1–66, 1996. CODEN LNMAA2. ISBN 3-540-62055-9 (print), 3-540-49635-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0095674/>.

**Donato:1990:GOC**

- [Don90] Paul Donato. Géométrie des orbites coadjointes des groupes de difféomorphismes. (French) []. *Lecture Notes in Mathematics*, 1416:84–104, 1990. CODEN LNMAA2. ISBN 3-540-52191-7 (print), 3-540-46920-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0097466/>.

**Doney:1998:SCP**

- [Don98] R. A. Doney. Some calculations for perturbed Brownian motion. *Lecture Notes in Mathematics*, 1686:231–236, 1998. CODEN LNMAA2. ISBN 3-540-64376-1 (print), 3-540-69762-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0101760/>.

**Dore:1993:RAD**

- [Dor93] Giovanni Dore.  $L^p$  regularity for abstract differential equations. *Lecture Notes in Mathematics*, 1540:25–38, 1993. CODEN LNMAA2. ISBN 3-540-56471-3 (print), 3-540-47565-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085472/>.

**Downey:1990:NPM**

- [Dow90] Rod Downey. Notes on the  $O'''$  priority method with special attention to density results. *Lecture Notes in Mathematics*, 1432: 111–140, 1990. CODEN LNMAA2. ISBN 3-540-52772-9 (print), 3-540-47142-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086115/>.

**DeMasi:1991:EUE**

- [DP91a] Anna De Masi and Errico Presutti. Escape from an unstable equilibrium. *Lecture Notes in Mathematics*, 1501:147–166, 1991. CODEN LNMAA2. ISBN 3-540-55004-6 (print), 3-540-46636-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086466/>.

**DeMasi:1991:EF**

- [DP91b] Anna De Masi and Errico Presutti. Estimates on the  $V$ -functions. *Lecture Notes in Mathematics*, 1501:167–188, 1991. CODEN LNMAA2. ISBN 3-540-55004-6 (print), 3-540-46636-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086467/>.

**DeMasi:1991:GKP**

- [DP91c] Anna De Masi and Errico Presutti. The Glauber + Kawasaki process. *Lecture Notes in Mathematics*, 1501:97–111, 1991. CODEN LNMAA2. ISBN 3-540-55004-6 (print), 3-540-46636-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086463/>.

**DeMasi:1991:HLI**

- [DP91d] Anna De Masi and Errico Presutti. Hydrodynamic limits for independent particles. *Lecture Notes in Mathematics*, 1501:7–32, 1991. CODEN LNMAA2. ISBN 3-540-55004-6 (print), 3-540-46636-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086459/>.

**DeMasi:1991:HLK**

- [DP91e] Anna De Masi and Errico Presutti. Hydrodynamic limits in kinetic models. *Lecture Notes in Mathematics*, 1501:112–127, 1991. CODEN LNMAA2. ISBN 3-540-55004-6 (print), 3-540-46636-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086464/>.

**DeMasi:1991:HZR**

- [DP91f] Anna De Masi and Errico Presutti. Hydrodynamics of the zero range process. *Lecture Notes in Mathematics*, 1501:33–51, 1991. CODEN LNMAA2. ISBN 3-540-55004-6 (print), 3-540-46636-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086460/>.

**DeMasi:1991:I**

- [DP91g] Anna De Masi and Errico Presutti. Introduction. *Lecture Notes in Mathematics*, 1501:1–6, 1991. CODEN LNMAA2. ISBN 3-540-55004-6 (print), 3-540-46636-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086458/>.

**DeMasi:1991:MMH**

- [DP91h] Anna De Masi and Errico Presutti. *Mathematical Methods for Hydrodynamic Limits*, volume 1501 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1991. CODEN LNMAA2. ISBN 3-540-55004-6 (print), 3-540-46636-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). x + 196 pp. LCCN QA3 .L28 no. 1501. URL <http://link.springer.com/book/10.1007/BFb0086457>; <http://www.springerlink.com/content/978-3-540-46636-9>.

**DeMasi:1991:PMR**

- [DP91i] Anna De Masi and Errico Presutti. Particle models for reaction-diffusion equations. *Lecture Notes in Mathematics*, 1501:52–66, 1991. CODEN LNMAA2. ISBN 3-540-55004-6 (print), 3-540-46636-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086461/>.

**DeMasi:1991:PMC**

- [DP91j] Anna De Masi and Errico Presutti. Particle models for the Carleman equation. *Lecture Notes in Mathematics*, 1501:67–96, 1991. CODEN LNMAA2. ISBN 3-540-55004-6 (print), 3-540-46636-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086462/>.

**DeMasi:1991:PSI**

- [DP91k] Anna De Masi and Errico Presutti. Phase separation and interface dynamics. *Lecture Notes in Mathematics*, 1501:128–146, 1991. CODEN LNMAA2. ISBN 3-540-55004-6 (print), 3-540-46636-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086465/>.

**DeConcini:1993:QG**

- [DP93] C. De Concini and C. Procesi. Quantum groups. *Lecture Notes in Mathematics*, 1565:31–140, 1993. CODEN LNMAA2. ISBN 3-540-57498-0 (print), 3-540-48195-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073466/>.

**Decker:1990:HCS**

- [DPIPS90] Wolfram Decker, Thomas Peternell, Joseph le Potier, and Michael Schneider. Half-canonical surfaces in  $\mathbb{P}_4$ . *Lecture Notes in*

*Mathematics*, 1417:91–110, 1990. CODEN LNMAA2. ISBN 3-540-52217-4 (print), 3-540-46934-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083335/>.

**duPlessis:1991:RSM**

- [dPW91] Andrew du Plessis and Leslie Charles Wilson. Right-symmetry of mappings. *Lecture Notes in Mathematics*, 1462:258–275, 1991. CODEN LNMAA2. ISBN 3-540-53737-6 (print), 3-540-47060-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086387/>.

**Dumortier:1990:SLB**

- [DR90] Freddy Dumortier and Robert Roussarie. On the saddle loop bifurcation. *Lecture Notes in Mathematics*, 1455:44–73, 1990. CODEN LNMAA2. ISBN 3-540-53509-8 (print), 3-540-46722-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085390/>.

**Dolgachev:1991:RVB**

- [DR91] Igor Dolgachev and Igor Reider. On rank 2 vector bundles with  $c_1^2 = 10$  and  $c_2 = 3$  on Enriques surfaces. *Lecture Notes in Mathematics*, 1479:39–49, 1991. CODEN LNMAA2. ISBN 3-540-54456-9 (print), 3-540-38388-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086262/>.

**Drinfeld:1992:SUP**

- [Dri92] V. G. Drinfel'd. On some unsolved problems in quantum group theory. *Lecture Notes in Mathematics*, 1510:1–8, 1992. CODEN LNMAA2. ISBN 3-540-55305-3 (print), 3-540-47020-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0101175/>.

**Drmota:1990:IDH**

- [Drm90] Michael Drmota. On irregularities of distribution on the hyperbolic plane. *Lecture Notes in Mathematics*, 1452:31–42, 1990. CODEN LNMAA2. ISBN 3-540-53408-3 (print), 3-540-46864-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096979/>.

**Dumortier:1991:AIU**

- [DRSŻ91a] Freddy Dumortier, Robert Roussarie, Jorge Sotomayor, and Henryk Żaładek. Abelian integrals in unfoldings of codimension 3 singular planar vector fields. *Lecture Notes in Mathematics*, 1480: 165–224, 1991. CODEN LNMAA2. ISBN 3-540-54521-2 (print), 3-540-38433-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0098361/>.

**Dumortier:1991:BC**

- [DRSŻ91b] Freddy Dumortier, Robert Roussarie, Jorge Sotomayor, and Henryk Żaładek. Bifurcations of codimension 1 and 2. *Lecture Notes in Mathematics*, 1480:28–56, 1991. CODEN LNMAA2. ISBN 3-540-54521-2 (print), 3-540-38433-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0098357/>.

**Dumortier:1991:CR**

- [DRSŻ91c] Freddy Dumortier, Robert Roussarie, Jorge Sotomayor, and Henryk Żaładek. The central rescaling. *Lecture Notes in Mathematics*, 1480:85–134, 1991. CODEN LNMAA2. ISBN 3-540-54521-2 (print), 3-540-38433-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0098359/>.

**Dumortier:1991:CDR**

- [DRSŻ91d] Freddy Dumortier, Robert Roussarie, Jorge Sotomayor, and Henryk Żaładek. Conclusions and discussion of remaining problems. *Lecture Notes in Mathematics*, 1480:135–164, 1991. CODEN LNMAA2. ISBN 3-540-54521-2 (print), 3-540-38433-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0098360/>.

**Dumortier:1991:DN**

- [DRSŻ91e] Freddy Dumortier, Robert Roussarie, Jorge Sotomayor, and Henryk Żaładek. Definitions and notations. *Lecture Notes in Mathematics*, 1480:19–21, 1991. CODEN LNMAA2. ISBN 3-540-54521-2 (print), 3-540-38433-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0098355/>.

**Dumortier:1991:EP**

- [DRSŻ91f] Freddy Dumortier, Robert Roussarie, Jorge Sotomayor, and Henryk Żaładek. Elementary properties. *Lecture Notes in Mathematics*, 1480:57–84, 1991. CODEN LNMAA2. ISBN 3-540-54521-2 (print), 3-540-38433-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0098358/>.

**Dumortier:1991:I**

- [DRSŻ91g] Freddy Dumortier, Robert Roussarie, Jorge Sotomayor, and Henryk Żaładek. Introduction. *Lecture Notes in Mathematics*, 1480:1–18, 1991. CODEN LNMAA2. ISBN 3-540-54521-2 (print), 3-540-38433-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0098354/>.

**Dumortier:1991:TNF**

- [DRSŻ91h] Freddy Dumortier, Robert Roussarie, Jorge Sotomayor, and Henryk Żaładek. Transformation into normal form. *Lecture Notes in Mathematics*, 1480:22–27, 1991. CODEN LNMAA2. ISBN 3-540-54521-2 (print), 3-540-38433-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0098356/>.

**Dumortier:1991:BPV**

- [DRSŻ91i] Freddy Dumortier, Robert Roussarie, Jorge Sotomayor, and Henryk Żaładek. *Bifurcations of Planar Vector Fields: Nilpotent Singularities and Abelian Integrals*, volume 1480 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1991. CODEN LNMAA2. ISBN 3-540-54521-2 (print), 3-540-38433-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). viii + 226 pp. LCCN QA3 .L28 no. 1480. URL <http://link.springer.com/book/10.1007/BFb0098353>; <http://www.springerlink.com/content/978-3-540-38433-5>.

**Dovermann:1990:EST**

- [DS90a] Karl Heinz Dovermann and Reinhard Schultz. *Equivariant Surgery Theories and Their Periodicity Properties*, volume 1443 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1990.

CODEN LNMAA2. ISBN 3-540-53042-8 (print), 3-540-46394-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). vi + 227 pp. LCCN QA3 .L28 no. 1443. URL <http://link.springer.com/book/10.1007/BFb0092354>; <http://www.springerlink.com/content/978-3-540-46394-8>.

**Dovermann:1990:IES**

- [DS90b] Karl Heinz Dovermann and Reinhard Schultz. Introduction to equivariant surgery. *Lecture Notes in Mathematics*, 1443:9–36, 1990. CODEN LNMAA2. ISBN 3-540-53042-8 (print), 3-540-46394-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092356>/.

**Dovermann:1990:PTE**

- [DS90c] Karl Heinz Dovermann and Reinhard Schultz. Periodicity theorems in equivariant surgery. *Lecture Notes in Mathematics*, 1443: 80–114, 1990. CODEN LNMAA2. ISBN 3-540-53042-8 (print), 3-540-46394-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092358>/.

**Dovermann:1990:PPS**

- [DS90d] Karl Heinz Dovermann and Reinhard Schultz. Products and periodicity for surgery up to pseudoequivalence. *Lecture Notes in Mathematics*, 1443:141–191, 1990. CODEN LNMAA2. ISBN 3-540-53042-8 (print), 3-540-46394-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092360>/.

**Dovermann:1990:RBE**

- [DS90e] Karl Heinz Dovermann and Reinhard Schultz. Relations between equivariant surgery theories. *Lecture Notes in Mathematics*, 1443: 37–79, 1990. CODEN LNMAA2. ISBN 3-540-53042-8 (print), 3-540-46394-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092357>/.

**Dovermann:1990:SBM**

- [DS90f] Karl Heinz Dovermann and Reinhard Schultz. Summary: Background material and basic results. *Lecture Notes in Mathematics*, 1443:1–8, 1990. CODEN LNMAA2. ISBN 3-540-53042-8

(print), 3-540-46394-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092355/>.

**Dovermann:1990:TPF**

- [DS90g] Karl Heinz Dovermann and Reinhard Schultz. Twisted product formulas for surgery with coefficients. *Lecture Notes in Mathematics*, 1443:115–140, 1990. CODEN LNMAA2. ISBN 3-540-53042-8 (print), 3-540-46394-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092359/>.

**Dubins:1992:MDL**

- [DS92] Lester E. Dubins and Meir Smorodinsky. The modified, discrete, Lévy-transformation is Bernoulli. *Lecture Notes in Mathematics*, 1526:157–161, 1992. CODEN LNMAA2. ISBN 3-540-56021-1 (print), 3-540-47342-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084318/>.

**Delbaen:1995:IPP**

- [DS95] F. Delbaen and W. Schachermayer. An inequality for the predictable projection of an adapted process. *Lecture Notes in Mathematics*, 1613:17–24, 1995. CODEN LNMAA2. ISBN 3-540-60219-4 (print), 3-540-44744-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094195/>.

**Drmota:1997:A**

- [DT97a] Michael Drmota and Robert F. Tichy. Applications. *Lecture Notes in Mathematics*, 1651:368–432, 1997. CODEN LNMAA2. ISBN 3-540-62606-9 (print), 3-540-68333-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093407/>.

**Drmota:1997:DS**

- [DT97b] Michael Drmota and Robert F. Tichy. Discrepancy of sequences. *Lecture Notes in Mathematics*, 1651:1–203, 1997. CODEN LNMAA2. ISBN 3-540-62606-9 (print), 3-540-68333-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093405/>.

**Drmota:1997:GCU**

- [DT97c] Michael Drmota and Robert F. Tichy. General concepts of uniform distribution. *Lecture Notes in Mathematics*, 1651:204–367, 1997. CODEN LNMAA2. ISBN 3-540-62606-9 (print), 3-540-68333-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093406/>.

**Drmota:1997:SDA**

- [DT97d] Michael Drmota and Robert F. Tichy. *Sequences, Discrepancies and Applications*, volume 1651 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1997. CODEN LNMAA2. ISBN 3-540-62606-9 (print), 3-540-68333-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). xiv + 503 pp. LCCN QA3 .L28 no. 1651. URL <http://link.springer.com/book/10.1007/BFb0093404>; <http://www.springerlink.com/content/978-3-540-68333-9>.

**Drmota:1990:CUD**

- [DTW90] M. Drmota, R. F. Tichy, and R. Winkler. Completely uniformly distributed sequences of matrices. *Lecture Notes in Mathematics*, 1452:43–57, 1990. CODEN LNMAA2. ISBN 3-540-53408-3 (print), 3-540-46864-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096980/>.

**Denker:1992:DHM**

- [DU92] Manfred Denker and Mariusz Urbański. The dichotomy of Hausdorff measures and equilibrium states for parabolic rational maps. *Lecture Notes in Mathematics*, 1514:90–113, 1992. CODEN LNMAA2. ISBN 3-540-55444-0 (print), 3-540-47076-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0097530/>.

**Dubrovin:1996:GTF**

- [Dub96] Boris Dubrovin. Geometry of 2D topological field theories. *Lecture Notes in Mathematics*, 1620:120–348, 1996. CODEN LNMAA2. ISBN 3-540-60542-8 (print), 3-540-47706-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094793/>.

**Duggal:1992:NGC**

- [Dug92] B. P. Duggal. A note on generalised commutativity theorems in the Schatten norm. *Lecture Notes in Mathematics*, 1511:47–54, 1992. CODEN LNMAA2. ISBN 3-540-55365-7 (print), 3-540-47041-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093796/>.

**Dula:1991:CS**

- [Dul91] Giora Dula. On conic spaces. *Lecture Notes in Mathematics*, 1474:38–58, 1991. CODEN LNMAA2. ISBN 3-540-54098-9 (print), 3-540-47403-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084736/>.

**Dumas:1991:SCF**

- [Dum91] François Dumas. Sous-corps de fractions rationnelles des corps gauches de séries de Laurent. (French) []. *Lecture Notes in Mathematics*, 1478:192–214, 1991. CODEN LNMAA2. ISBN 3-540-54377-5 (print), 3-540-47592-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083504/>.

**Dung:1992:MCA**

- [Dũn92] Nguyẽn Viet DŨng. The modulo 2 cohomology algebra of the wreath product  $\Sigma_\infty \int X$ . *Lecture Notes in Mathematics*, 1509:115–119, 1992. CODEN LNMAA2. ISBN 3-540-55195-6 (print), 3-540-46772-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0087505/>.

**Durand:1990:QATa**

- [Dur90a] A. Durand. Quelques aspects de la théorie analytique des polynômes I. (French) []. *Lecture Notes in Mathematics*, 1415:1–42, 1990. CODEN LNMAA2. ISBN 3-540-52190-9 (print), 3-540-46919-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084877/>.

**Durand:1990:QATb**

- [Dur90b] A. Durand. Quelques aspects de la théorie analytique des polynômes II. (French) []. *Lecture Notes in Mathematics*, 1415:

43–85, 1990. CODEN LNMAA2. ISBN 3-540-52190-9 (print), 3-540-46919-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084878/>.

**Durand:1990:AAN**

- [Dur90c] Alain Durand. Approximations algébriques d'un nombre transcendant. (French) []. *Lecture Notes in Mathematics*, 1415:94–96, 1990. CODEN LNMAA2. ISBN 3-540-52190-9 (print), 3-540-46919-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084880/>.

**Durand:1990:RSD**

- [Dur90d] Alain Durand. Relation de Szegő sur la dérivée d'un polynôme. (French) []. *Lecture Notes in Mathematics*, 1415:86–93, 1990. CODEN LNMAA2. ISBN 3-540-52190-9 (print), 3-540-46919-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084879/>.

**Duren:1994:GFT**

- [Dur94] P. Duren. Geometric function theory. *Lecture Notes in Mathematics*, 1574:383–422, 1994. CODEN LNMAA2. ISBN 3-540-57871-4 (print), 3-540-48368-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0101068/>.

**Durrett:1995:TLP**

- [Dur95] Rick Durrett. Ten lectures on particle systems. *Lecture Notes in Mathematics*, 1608:97–201, 1995. CODEN LNMAA2. ISBN 3-540-60015-9 (print), 3-540-49402-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0095747/>.

**Durrett:1999:SSM**

- [Dur99] Rick Durrett. Stochastic spatial models. *Lecture Notes in Mathematics*, 1714:39–94, 1999. CODEN LNMAA2. ISBN 3-540-66522-6 (print), 3-540-48170-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092375/>.

**Dillen:1991:GCS**

- [DV91] Franki Dillen and Luc Vrancken. Generalized Cayley surfaces. *Lecture Notes in Mathematics*, 1481:36–47, 1991. CODEN LN-

MAA2. ISBN 3-540-54728-2 (print), 3-540-46445-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083626/>.

**Diekmann:1991:CMD**

- [DvG91] Odo Diekmann and Stephan A. van Gils. The center manifold for delay equations in the light of suns and stars. *Lecture Notes in Mathematics*, 1463:122–141, 1991. CODEN LNMAA2. ISBN 3-540-53736-8 (print), 3-540-47047-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085429/>.

**Dangelmayr:1991:CFB**

- [DW91] G. Dangelmayr and M. Wegelin. On a codimension-four bifurcation occurring in optical bistability. *Lecture Notes in Mathematics*, 1463:107–121, 1991. CODEN LNMAA2. ISBN 3-540-53736-8 (print), 3-540-47047-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085428/>.

**Deaconu:1997:CTA**

- [DW97] Mădălina Deaconu and Sophie Wantz. Comportement des temps d’atteinte d’une diffusion fortement rentrante. (French) []. *Lecture Notes in Mathematics*, 1655:168–175, 1997. CODEN LNMAA2. ISBN 3-540-62634-4 (print), 3-540-68352-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0119301/>.

**Dwork:1990:WPR**

- [Dwo90] B. Dwork. Work of Philippe Robba. *Lecture Notes in Mathematics*, 1454:1–10, 1990. CODEN LNMAA2. ISBN 3-540-53477-6 (print), 3-540-46906-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0091131/>.

**Doney:1998:PBP**

- [DWY98] R. A. Doney, J. Warren, and M. Yor. Perturbed Bessel processes. *Lecture Notes in Mathematics*, 1686:237–249, 1998. CODEN LNMAA2. ISBN 3-540-64376-1 (print), 3-540-69762-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0101761/>.

**Dimaki:1993:CPD**

- [DX93] Caterina Dimaki and Evdokia Xekalaki. Characterizations of the Pareto distribution based on order statistics. *Lecture Notes in Mathematics*, 1546:1–16, 1993. CODEN LNMAA2. ISBN 3-540-56744-5 (print), 3-540-47645-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084477/>.

**Dontchev:1993:GWP**

- [DZ93a] Asen L. Dontchev and Tullio Zolezzi. Generic well-posedness. *Lecture Notes in Mathematics*, 1543:81–115, 1993. CODEN LNMAA2. ISBN 3-540-56737-2 (print), 3-540-47644-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084198/>.

**Dontchev:1993:HTW**

- [DZ93b] Asen L. Dontchev and Tullio Zolezzi. Hadamard and Tykhonov well-posedness. *Lecture Notes in Mathematics*, 1543:38–80, 1993. CODEN LNMAA2. ISBN 3-540-56737-2 (print), 3-540-47644-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084197/>.

**Dontchev:1993:HWP**

- [DZ93c] Asen L. Dontchev and Tullio Zolezzi. Hadamard well-posedness in mathematical programming. *Lecture Notes in Mathematics*, 1543:335–380, 1993. CODEN LNMAA2. ISBN 3-540-56737-2 (print), 3-540-47644-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084204/>.

**Dontchev:1993:RVH**

- [DZ93d] Asen L. Dontchev and Tullio Zolezzi. Relaxation and value Hadamard well-posedness in optimal control. *Lecture Notes in Mathematics*, 1543:230–247, 1993. CODEN LNMAA2. ISBN 3-540-56737-2 (print), 3-540-47644-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084201/>.

**Dontchev:1993:SPO**

- [DZ93e] Asen L. Dontchev and Tullio Zolezzi. Singular perturbations in optimal control. *Lecture Notes in Mathematics*, 1543:248–282, 1993. CODEN LNMAA2. ISBN 3-540-56737-2 (print), 3-

540-47644-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084202/>.

**Dontchev:1993:TWP**

- [DZ93f] Asen L. Dontchev and Tullio Zolezzi. Tykhonov well-posedness. *Lecture Notes in Mathematics*, 1543:1–37, 1993. CODEN LNMAA2. ISBN 3-540-56737-2 (print), 3-540-47644-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084196/>.

**Dontchev:1993:WPOb**

- [DZ93g] Asen L. Dontchev and Tullio Zolezzi. *Well-Posed Optimization Problems*, volume 1543 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1993. CODEN LNMAA2. ISBN 3-540-56737-2 (print), 3-540-47644-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). xii + 421 pp. LCCN QA3 .L28 no. 1543. URL <http://link.springer.com/book/10.1007/BFb0084195>; <http://www.springerlink.com/content/978-3-540-47644-3>.

**Dontchev:1993:WPV**

- [DZ93h] Asen L. Dontchev and Tullio Zolezzi. Well-posedness and variational, epi- and Mosco convergences. *Lecture Notes in Mathematics*, 1543:116–175, 1993. CODEN LNMAA2. ISBN 3-540-56737-2 (print), 3-540-47644-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/BFb0084199/](http://link.springer.com/chapter/10.1007/BFb0084199).

**Dontchev:1993:WPOa**

- [DZ93i] Asen L. Dontchev and Tullio Zolezzi. Well-posedness in optimal control. *Lecture Notes in Mathematics*, 1543:176–229, 1993. CODEN LNMAA2. ISBN 3-540-56737-2 (print), 3-540-47644-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/BFb0084200/](http://link.springer.com/chapter/10.1007/BFb0084200).

**Dontchev:1993:WPC**

- [DZ93j] Asen L. Dontchev and Tullio Zolezzi. Well-posedness in the calculus of variations. *Lecture Notes in Mathematics*, 1543:283–334, 1993. CODEN LNMAA2. ISBN 3-540-56737-2 (print), 3-540-47644-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/BFb0084203/](http://link.springer.com/chapter/10.1007/BFb0084203).

**Ebenfelt:1998:HMB**

- [Ebe98] Peter Ebenfelt. Holomorphic mappings between real analytic submanifolds in complex space. *Lecture Notes in Mathematics*, 1684: 35–69, 1998. CODEN LNMAA2. ISBN 3-540-64207-2 (print), 3-540-69702-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096090/>.

**Eberle:1999:UFD**

- [Ebe99a] Andreas Eberle.  $L^p$  uniqueness in finite dimensions. *Lecture Notes in Mathematics*, 1718:41–87, 1999. CODEN LNMAA2. ISBN 3-540-66628-1 (print), 3-540-48076-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0103048/>.

**Eberle:1999:FSI**

- [Ebe99b] Andreas Eberle. First steps in infinite dimensions. *Lecture Notes in Mathematics*, 1718:185–253, 1999. CODEN LNMAA2. ISBN 3-540-66628-1 (print), 3-540-48076-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0103051/>.

**Eberle:1999:I**

- [Ebe99c] Andreas Eberle. Introduction. *Lecture Notes in Mathematics*, 1718:1–8, 1999. CODEN LNMAA2. ISBN 3-540-66628-1 (print), 3-540-48076-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0103046/>.

**Eberle:1999:MU**

- [Ebe99d] Andreas Eberle. Markov uniqueness. *Lecture Notes in Mathematics*, 1718:89–167, 1999. CODEN LNMAA2. ISBN 3-540-66628-1 (print), 3-540-48076-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0103049/>.

**Eberle:1999:MBD**

- [Ebe99e] Andreas Eberle. Motivation and basic definitions: Uniqueness problems in various contexts. *Lecture Notes in Mathematics*, 1718: 9–40, 1999. CODEN LNMAA2. ISBN 3-540-66628-1 (print), 3-540-48076-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0103047/>.

**Eberle:1999:PAM**

- [Ebe99f] Andreas Eberle. Probabilistic aspects of  $L^p$  and Markov uniqueness. *Lecture Notes in Mathematics*, 1718:169–184, 1999. CODEN LNMAA2. ISBN 3-540-66628-1 (print), 3-540-48076-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0103050/>.

**Eberle:1999:UNU**

- [Ebe99g] Andreas Eberle. *Uniqueness and Non-Uniqueness of Semigroups Generated by Singular Diffusion Operators*, volume 1718 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1999. CODEN LNMAA2. ISBN 3-540-66628-1 (print), 3-540-48076-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). viii + 262 pp. LCCN QA3 .L28 no. 1718. URL <http://link.springer.com/book/10.1007/BFb0103045>; <http://www.springerlink.com/content/978-3-540-48076-1>.

**Ecalle:1990:FCL**

- [Eca90] J. Ecalle. Finitude des cycles-limites et accéléro-sommation de l'application de retour. (French) []. *Lecture Notes in Mathematics*, 1455:74–159, 1990. CODEN LNMAA2. ISBN 3-540-53509-8 (print), 3-540-46722-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085391/>.

**Echerbault:1996:MHF**

- [Ech96] Mireille Echerbault. Sur le modèle d'Heisenberg. (French) [on the Heisenberg model]. *Lecture Notes in Mathematics*, 1626:162–177, 1996. CODEN LNMAA2. ISBN 3-540-61336-6 (print), 3-540-68463-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094647/>.

**Edixhoven:1993:APF**

- [Edi93] Bas Edixhoven. Arithmetic part of Faltings's proof. *Lecture Notes in Mathematics*, 1566:97–110, 1993. CODEN LNMAA2. ISBN 3-540-57528-6 (print), 3-540-48208-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-540-48208-6\\_11/](http://link.springer.com/chapter/10.1007/978-3-540-48208-6_11/).

**Edixhoven:1993:DAA**

- [EE93] Bas Edixhoven and Jan-Hendrik Evertse. *Diophantine Approximation and Abelian Varieties*, volume 1566 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1993. CODEN LNMAA2. ISBN 3-540-57528-6 (print), 3-540-48208-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). xiv + 127 pp. LCCN QA3 .L28 no. 1566. URL <http://link.springer.com/book/10.1007/978-3-540-48208-6>; <http://www.springerlink.com/content/978-3-540-48208-6>.

**Eggermont:1991:VLD**

- [Egg91] P. P. B. Eggermont. On Volterra–Lotka differential equations and multiplicative algorithms for monotone complementarity problems. *Lecture Notes in Mathematics*, 1497:141–152, 1991. CODEN LNMAA2. ISBN 3-540-54970-6 (print), 3-540-46615-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084515>.

**Esposti:1994:EPO**

- [EGI94] Mirko Degli Esposti, Sandro Graffi, and Stefano Isola. Equidistribution of periodic orbits: an overview of classical vs quantum results. *Lecture Notes in Mathematics*, 1589:65–91, 1994. CODEN LNMAA2. ISBN 3-540-58416-1 (print), 3-540-48782-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0074075>.

**Ehrhard:1992:DAG**

- [Ehr92] Dirk Ehrhard. Decoding algebraic-geometric codes by solving a key equation. *Lecture Notes in Mathematics*, 1518:18–25, 1992. CODEN LNMAA2. ISBN 3-540-55651-6 (print), 3-540-47267-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0087989>.

**Eisenbaum:1997:TLP**

- [Eis97] Nathalie Eisenbaum. Théorèmes limités pour les temps locaux d'un processus stable symétrique. (French) []. *Lecture Notes in Mathematics*, 1655:216–224, 1997. CODEN LNMAA2. ISBN 3-540-62634-4 (print), 3-540-68352-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0119306>.

**Ekeland:1990:VPR**

- [Eke90] I. Ekeland. The  $\epsilon$ -variational principle revisited. *Lecture Notes in Mathematics*, 1446:1–15, 1990. CODEN LNMAA2. ISBN 3-540-53120-3 (print), 3-540-46715-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084929/>.

**Elfving:1991:CRL**

- [Elf91] Tommy Elfving. Constrained regularized least squares problems. *Lecture Notes in Mathematics*, 1497:153–166, 1991. CODEN LNMAA2. ISBN 3-540-54970-6 (print), 3-540-46615-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084516/>.

**Elworthy:1999:A**

- [ELL99a] K. D. Elworthy, J. Le Jan, and Xue-Mei Li. Appendices. *Lecture Notes in Mathematics*, 1720:95–110, 1999. CODEN LNMAA2. ISBN 3-540-66708-3 (print), 3-540-47022-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0103071/>.

**Elworthy:1999:AAS**

- [ELL99b] K. D. Elworthy, J. Le Jan, and Xue-Mei Li. Application: Analysis on spaces of paths. *Lecture Notes in Mathematics*, 1720:76–86, 1999. CODEN LNMAA2. ISBN 3-540-66708-3 (print), 3-540-47022-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0103069/>.

**Elworthy:1999:CC**

- [ELL99c] K. D. Elworthy, J. Le Jan, and Xue-Mei Li. Construction of connections. *Lecture Notes in Mathematics*, 1720:7–29, 1999. CODEN LNMAA2. ISBN 3-540-66708-3 (print), 3-540-47022-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0103066/>.

**Elworthy:1999:DNF**

- [ELL99d] K. D. Elworthy, J. Le Jan, and Xue-Mei Li. Decomposition of noise and filtering. *Lecture Notes in Mathematics*, 1720:57–75, 1999. CODEN LNMAA2. ISBN 3-540-66708-3 (print), 3-540-47022-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0103068/>.

**Elworthy:1999:IGA**

- [ELL99e] K. D. Elworthy, J. Le Jan, and Xue-Mei Li. The infinitesimal generators and associated operators. *Lecture Notes in Mathematics*, 1720:30–56, 1999. CODEN LNMAA2. ISBN 3-540-66708-3 (print), 3-540-47022-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0103067/>.

**Elworthy:1999:I**

- [ELL99f] K. D. Elworthy, J. Le Jan, and Xue-Mei Li. Introduction. *Lecture Notes in Mathematics*, 1720:3–6, 1999. CODEN LNMAA2. ISBN 3-540-66708-3 (print), 3-540-47022-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0103065/>.

**Elworthy:1999:SSD**

- [ELL99g] K. D. Elworthy, J. Le Jan, and Xue-Mei Li. Stability of stochastic dynamical systems. *Lecture Notes in Mathematics*, 1720:87–94, 1999. CODEN LNMAA2. ISBN 3-540-66708-3 (print), 3-540-47022-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0103070/>.

**Elworthy:1999:GDO**

- [ELL99h] K. David Elworthy, Yves Le Jan, and Xue-Mei Li. *On the Geometry of Diffusion Operators and Stochastic Flows*, volume 1720 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1999. CODEN LNMAA2. ISBN 3-540-66708-3 (print), 3-540-47022-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). ii + 118 pp. LCCN QA3 .L28 no. 1720. URL <http://link.springer.com/book/10.1007/BFb0103064>; <http://www.springerlink.com/content/978-3-540-47022-9>.

**Ewing:1990:PIS**

- [ELLV90] Richard E. Ewing, Raytcho D. Lazarov, Peng Lu, and Panayot S. Vassilevski. Preconditioning indefinite systems arising from mixed finite element discretization of second-order elliptic problems. *Lecture Notes in Mathematics*, 1457:28–43, 1990. CODEN LNMAA2. ISBN 3-540-53515-2 (print), 3-540-46746-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/BFb0090900/](http://link.springer.com/chapter/10.1007/BFb0090900).

**Elworthy:1997:TSQ**

- [ELY97] K. D. Elworthy, X. M. Li, and M. Yor. On the tails of the supremum and the quadratic variation of strictly local martingales. *Lecture Notes in Mathematics*, 1655:113–125, 1997. CODEN LNMAA2. ISBN 3-540-62634-4 (print), 3-540-68352-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0119298/>.

**Emery:1991:BPV**

- [EM91] M. Emery and G. Mokobodzki. Sur le barycentre d'une probabilité dans une variété. (French) []. *Lecture Notes in Mathematics*, 1485:220–233, 1991. CODEN LNMAA2. ISBN 3-540-54616-2 (print), 3-540-38496-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0100858/>.

**Emery:1991:QCR**

- [Eme91] M. Emery. Quelques cas de représentation chaotique. (French) []. *Lecture Notes in Mathematics*, 1485:10–23, 1991. CODEN LNMAA2. ISBN 3-540-54616-2 (print), 3-540-38496-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0100841/>.

**Emery:1997:CSS**

- [Éme97] M. Émery. Closed sets supporting a continuous divergent martingale. *Lecture Notes in Mathematics*, 1655:176–189, 1997. CODEN LNMAA2. ISBN 3-540-62634-4 (print), 3-540-68352-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0119302/>.

**Ekeland:1990:FM**

- [EMM<sup>+</sup>90] Ivar Ekeland, Paolo Marcellini, Antonio Marino, Mario Tosques, Czesław Olech, Giulio Pianigiani, Tyrrell Rockafeller, and Michel Valadier. Front matter. *Lecture Notes in Mathematics*, 1446: ??, 1990. CODEN LNMAA2. ISBN 3-540-53120-3 (print), 3-540-46715-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/content/pdf/bfm:978-3-540-46715-1/1.pdf>.

**Ene:1995:CF**

- [Ene95a] Vasile Ene. Classes of functions. *Lecture Notes in Mathematics*, 1603:25–125, 1995. CODEN LNMAA2. ISBN 3-540-60008-6

(print), 3-540-49400-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0095390/>.

**Ene:1995:E**

- [Ene95b] Vasile Ene. Examples. *Lecture Notes in Mathematics*, 1603:213–292, 1995. CODEN LNMAA2. ISBN 3-540-60008-6 (print), 3-540-49400-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0095394/>.

**Ene:1995:FRC**

- [Ene95c] Vasile Ene. Finite representations for continuous functions. *Lecture Notes in Mathematics*, 1603:127–139, 1995. CODEN LNMAA2. ISBN 3-540-60008-6 (print), 3-540-49400-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0095391/>.

**Ene:1995:I**

- [Ene95d] Vasile Ene. Integrals. *Lecture Notes in Mathematics*, 1603:161–211, 1995. CODEN LNMAA2. ISBN 3-540-60008-6 (print), 3-540-49400-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0095393/>.

**Ene:1995:M**

- [Ene95e] Vasile Ene. Monotonicity. *Lecture Notes in Mathematics*, 1603:141–159, 1995. CODEN LNMAA2. ISBN 3-540-60008-6 (print), 3-540-49400-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0095392/>.

**Ene:1995:P**

- [Ene95f] Vasile Ene. Preliminaries. *Lecture Notes in Mathematics*, 1603:1–23, 1995. CODEN LNMAA2. ISBN 3-540-60008-6 (print), 3-540-49400-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0095389/>.

**Ene:1995:RFC**

- [Ene95g] Vasile Ene. *Real Functions — Current Topics*, volume 1603 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1995.

CODEN LNMAA2. ISBN 3-540-60008-6 (print), 3-540-49400-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). xiv + 310 pp. LCCN QA3 .L28 no. 1603. URL <http://link.springer.com/book/10.1007/BFb0095388>; <http://www.springerlink.com/content/978-3-540-49400-3>.

**Ellia:1990:GPC**

- [EP90] Ph. Ellia and Ch. Peskine. Groupes de points de  $P^2$ : Caractère et position uniforme. (French) []. *Lecture Notes in Mathematics*, 1417:111–116, 1990. CODEN LNMAA2. ISBN 3-540-52217-4 (print), 3-540-46934-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083336/>.

**ElKaroui:1997:NLP**

- [EQ97] N. El Karoui and M. C. Quenez. Non-linear pricing theory and backward stochastic differential equations. *Lecture Notes in Mathematics*, 1656:191–246, 1997. CODEN LNMAA2. ISBN 3-540-62642-5 (print), 3-540-68356-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092001/>.

**Erdmann:1990:ADT**

- [Erd90a] Karin Erdmann. Algebras of dihedral type. *Lecture Notes in Mathematics*, 1428:159–180, 1990. CODEN LNMAA2. ISBN 3-540-52709-5 (print), 3-540-47115-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084009/>.

**Erdmann:1990:AQT**

- [Erd90b] Karin Erdmann. Algebras of quaternion type. *Lecture Notes in Mathematics*, 1428:181–204, 1990. CODEN LNMAA2. ISBN 3-540-52709-5 (print), 3-540-47115-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084010/>.

**Erdmann:1990:AST**

- [Erd90c] Karin Erdmann. Algebras of semidihedral type. *Lecture Notes in Mathematics*, 1428:205–262, 1990. CODEN LNMAA2. ISBN 3-540-52709-5 (print), 3-540-47115-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084011/>.

**Erdmann:1990:AQR**

- [Erd90d] Karin Erdmann. Algebras, quivers, representation type, Auslander–Reiten theory, coverings. *Lecture Notes in Mathematics*, 1428:1–46, 1990. CODEN LNMAA2. ISBN 3-540-52709-5 (print), 3-540-47115-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084004/>.

**Erdmann:1990:BTR**

- [Erd90e] Karin Erdmann. *Blocks of Tame Representation Type and Related Algebras*, volume 1428 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1990. CODEN LNMAA2. ISBN 3-540-52709-5 (print), 3-540-47115-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). xvi + 312 pp. LCCN QA3 .L28 no. 1428. URL <http://link.springer.com/book/10.1007/BFb0084003>; <http://www.springerlink.com/content/978-3-540-47115-8>.

**Erdmann:1990:CBD**

- [Erd90f] Karin Erdmann. Centres, blocks, decomposition numbers. *Lecture Notes in Mathematics*, 1428:263–285, 1990. CODEN LNMAA2. ISBN 3-540-52709-5 (print), 3-540-47115-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/BFb0084012/](http://link.springer.com/chapter/10.1007/BFb0084012).

**Erdmann:1990:MMQ**

- [Erd90g] Karin Erdmann. More on modules, quivers, Auslander–Reiten sequences. *Lecture Notes in Mathematics*, 1428:93–120, 1990. CODEN LNMAA2. ISBN 3-540-52709-5 (print), 3-540-47115-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/BFb0084007/](http://link.springer.com/chapter/10.1007/BFb0084007).

**Erdmann:1990:SA**

- [Erd90h] Karin Erdmann. Some applications. *Lecture Notes in Mathematics*, 1428:286–306, 1990. CODEN LNMAA2. ISBN 3-540-52709-5 (print), 3-540-47115-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/BFb0084013/](http://link.springer.com/chapter/10.1007/BFb0084013).

**Erdmann:1990:SBA**

- [Erd90i] Karin Erdmann. Special biserial algebras and the local semidihedral algebra. *Lecture Notes in Mathematics*, 1428:47–79, 1990.

CODEN LNMAA2. ISBN 3-540-52709-5 (print), 3-540-47115-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084005/>.

**Erdmann:1990:SAR**

- [Erd90j] Karin Erdmann. Stable Auslander–Reiten components for tame blocks. *Lecture Notes in Mathematics*, 1428:121–158, 1990. CODEN LNMAA2. ISBN 3-540-52709-5 (print), 3-540-47115-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084008/>.

**Erdmann:1990:TSL**

- [Erd90k] Karin Erdmann. Tame symmetric local algebras. *Lecture Notes in Mathematics*, 1428:80–92, 1990. CODEN LNMAA2. ISBN 3-540-52709-5 (print), 3-540-47115-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084006/>.

**Erneux:1991:SPT**

- [ERHG91] T. Erneux, E. L. Reiss, L. J. Holden, and M. Georgiou. Slow passage through bifurcation and limit points. Asymptotic theory and applications. *Lecture Notes in Mathematics*, 1493:14–28, 1991. CODEN LNMAA2. ISBN 3-540-54900-5 (print), 3-540-46471-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085021/>.

**Emery:1999:BFS**

- [ÉS99a] M. Émery and W. Schachermayer. Brownian filtrations are not stable under equivalent time-changes. *Lecture Notes in Mathematics*, 1709:267–276, 1999. CODEN LNMAA2. ISBN 3-540-66342-8 (print), 3-540-48407-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096516/>.

**Emery:1999:RTS**

- [ÉS99b] M. Émery and W. Schachermayer. A remark on Tsirelson’s stochastic differential equation. *Lecture Notes in Mathematics*, 1709:291–303, 1999. CODEN LNMAA2. ISBN 3-540-66342-8 (print), 3-540-48407-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096518/>.

**Es-Sahib:1999:BCP**

- [ESH99] Aziz Es-Sahib and Heinich Henri. Barycentre canonique pour un espace métrique à courbure négative. (French) []. *Lecture Notes in Mathematics*, 1709:355–370, 1999. CODEN LNMAA2. ISBN 3-540-66342-8 (print), 3-540-48407-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096526/>.

**Essen:1996:PTP**

- [Ess96] Matts Essén. Potential theory part I. *Lecture Notes in Mathematics*, 1633:3–100, 1996. CODEN LNMAA2. ISBN 3-540-61583-0 (print), 3-540-69991-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093411/>.

**Evans:1992:ATN**

- [Eva92a] Anthony B. Evans. Automorphisms and translation nets. *Lecture Notes in Mathematics*, 1535:50–56, 1992. CODEN LNMAA2. ISBN 3-540-56351-2 (print), 3-540-47541-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092367/>.

**Evans:1992:CO**

- [Eva92b] Anthony B. Evans. Cyclotomic orthomorphisms. *Lecture Notes in Mathematics*, 1535:35–49, 1992. CODEN LNMAA2. ISBN 3-540-56351-2 (print), 3-540-47541-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092366/>.

**Evans:1992:DSG**

- [Eva92c] Anthony B. Evans. Data for small groups. *Lecture Notes in Mathematics*, 1535:77–90, 1992. CODEN LNMAA2. ISBN 3-540-56351-2 (print), 3-540-47541-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092369/>.

**Evans:1992:EAG**

- [Eva92d] Anthony B. Evans. Elementary abelian groups. *Lecture Notes in Mathematics*, 1535:25–34, 1992. CODEN LNMAA2. ISBN 3-540-56351-2 (print), 3-540-47541-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092365/>.

**Evans:1992:FR**

- [Eva92e] Anthony B. Evans. Further results. *Lecture Notes in Mathematics*, 1535:57–76, 1992. CODEN LNMAA2. ISBN 3-540-56351-2 (print), 3-540-47541-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092368>.

**Evans:1992:I**

- [Eva92f] Anthony B. Evans. Introduction. *Lecture Notes in Mathematics*, 1535:1–24, 1992. CODEN LNMAA2. ISBN 3-540-56351-2 (print), 3-540-47541-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092364>.

**Evans:1992:OGG**

- [Eva92g] Anthony B. Evans. *Orthomorphism Graphs of Groups*, volume 1535 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1992. CODEN LNMAA2. ISBN 3-540-56351-2 (print), 3-540-47541-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). viii + 114 pp. LCCN QA3 .L28 no. 1535. URL <http://link.springer.com/book/10.1007/BFb0092363>; <http://www.springerlink.com/content/978-3-540-47541-5>.

**Evans:1992:RD**

- [Eva92h] Anthony B. Evans. Research directions. *Lecture Notes in Mathematics*, 1535:91–104, 1992. CODEN LNMAA2. ISBN 3-540-56351-2 (print), 3-540-47541-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092370>.

**Evans:1997:RFN**

- [Eva97] Lawrence C. Evans. Regularity for fully nonlinear elliptic equations and motion by mean curvature. *Lecture Notes in Mathematics*, 1660:98–133, 1997. CODEN LNMAA2. ISBN 3-540-62910-6 (print), 3-540-69043-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094296>.

**Evertse:1993:STW**

- [Eve93] Jan-Hendrik Evertse. The subspace theorem of W. M. Schmidt. *Lecture Notes in Mathematics*, 1566:31–50, 1993. CODEN LNMAA2. ISBN 3-540-57528-6 (print), 3-540-48208-3 (e-book).

ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-540-48208-6\\_4/](http://link.springer.com/chapter/10.1007/978-3-540-48208-6_4/).

**Elworthy:1993:CED**

- [EY93] K. D. Elworthy and M. Yor. Conditional expectations for derivatives of certain stochastic flows. *Lecture Notes in Mathematics*, 1557:159–172, 1993. CODEN LNMAA2. ISBN 3-540-57282-1 (print), 3-540-48034-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0087972/>.

**Emery:1998:TTR**

- [ÉY98] M. Émery and M. Yor. Sur un théorème de Tsirelson relatif à des mouvements browniens corrélés et à la nullité de certains temps locaux. (French) []. *Lecture Notes in Mathematics*, 1686: 306–312, 1998. CODEN LNMAA2. ISBN 3-540-64376-1 (print), 3-540-69762-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0101764/>.

**Eyre:1998:GS**

- [Eyr98a] Timothy M. W. Eyre.  $Z_2$ -graded structures. *Lecture Notes in Mathematics*, 1692:23–31, 1998. CODEN LNMAA2. ISBN 3-540-64897-6 (print), 3-540-68385-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096853/>.

**Eyre:1998:CE**

- [Eyr98b] Timothy M. W. Eyre. Chaotic expansions. *Lecture Notes in Mathematics*, 1692:101–112, 1998. CODEN LNMAA2. ISBN 3-540-64897-6 (print), 3-540-68385-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096858/>.

**Eyre:1998:E**

- [Eyr98c] Timothy M. W. Eyre. Extensions. *Lecture Notes in Mathematics*, 1692:113–132, 1998. CODEN LNMAA2. ISBN 3-540-64897-6 (print), 3-540-68385-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096859/>.

**Eyre:1998:I**

- [Eyr98d] Timothy M. W. Eyre. Introduction. *Lecture Notes in Mathematics*, 1692:1–6, 1998. CODEN LNMAA2. ISBN 3-540-64897-6 (print), 3-540-68385-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096851>.

**Eyre:1998:IS**

- [Eyr98e] Timothy M. W. Eyre. The Itô superalgebra. *Lecture Notes in Mathematics*, 1692:59–75, 1998. CODEN LNMAA2. ISBN 3-540-64897-6 (print), 3-540-68385-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096856>.

**Eyre:1998:QSCa**

- [Eyr98f] Timothy M. W. Eyre. Quantum stochastic calculus. *Lecture Notes in Mathematics*, 1692:7–21, 1998. CODEN LNMAA2. ISBN 3-540-64897-6 (print), 3-540-68385-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096852>.

**Eyre:1998:QSCb**

- [Eyr98g] Timothy M. W. Eyre. *Quantum Stochastic Calculus and Representations of Lie Superalgebras*, volume 1692 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1998. CODEN LNMAA2. ISBN 3-540-64897-6 (print), 3-540-68385-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). viii + 138 pp. LCCN QA3 .L28 no. 1692. URL <http://link.springer.com/book/10.1007/BFb0096850>; <http://www.springerlink.com/content/978-3-540-68385-8>.

**Eyre:1998:RLS**

- [Eyr98h] Timothy M. W. Eyre. Representations of Lie superalgebras in  $Z_2$ -graded quantum stochastic calculus. *Lecture Notes in Mathematics*, 1692:33–50, 1998. CODEN LNMAA2. ISBN 3-540-64897-6 (print), 3-540-68385-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096854>.

**Eyre:1998:SRG**

- [Eyr98i] Timothy M. W. Eyre. Some results in  $Z_2$ -graded quantum stochastic calculus. *Lecture Notes in Mathematics*, 1692:77–

99, 1998. CODEN LNMAA2. ISBN 3-540-64897-6 (print), 3-540-68385-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096857/>.

**Eyre:1998:UHO**

[Eyr98j]

Timothy M. W. Eyre. The ungraded higher order Itô product formula. *Lecture Notes in Mathematics*, 1692:51–57, 1998. CODEN LNMAA2. ISBN 3-540-64897-6 (print), 3-540-68385-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096855/>.

**Faber:1993:GPF**

[Fab93a]

Carel Faber. Geometric part of Faltings's proof. *Lecture Notes in Mathematics*, 1566:83–91, 1993. CODEN LNMAA2. ISBN 3-540-57528-6 (print), 3-540-48208-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-540-48208-6\\_9/](http://link.springer.com/chapter/10.1007/978-3-540-48208-6_9/).

**Fabes:1993:GUB**

[Fab93b]

E. B. Fabes. Gaussian upper bounds on fundamental solutions of parabolic equations; the method of Nash. *Lecture Notes in Mathematics*, 1563:1–20, 1993. CODEN LNMAA2. ISBN 3-540-57421-2 (print), 3-540-48151-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0074089/>.

**Fagnola:1990:QSC**

[Fag90]

F. Fagnola. Quantum stochastic calculus and a boson Lévy theorem. *Lecture Notes in Mathematics*, 1442:131–144, 1990. CODEN LNMAA2. ISBN 3-540-53026-6 (print), 3-540-46311-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085506/>.

**Faltings:1992:RPD**

[Fal92]

Gerd Faltings. Recent progress in Diophantine geometry. *Lecture Notes in Mathematics*, 1525:78–86, 1992. CODEN LNMAA2. ISBN 3-540-56011-4 (print), 3-540-47341-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0089207/>.

**Farjoun:1992:HLP**

- [Far92] Emmanuel Dror Farjoun. Homotopy localization and  $V_1$ -periodic spaces. *Lecture Notes in Mathematics*, 1509:104–113, 1992. CODEN LNMAA2. ISBN 3-540-55195-6 (print), 3-540-46772-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0087504/>.

**Farjoun:1996:PST**

- [Far96a] Emmanuel Dror Farjoun.  $v_1$ -periodic spaces and  $K$ -theory. *Lecture Notes in Mathematics*, 1622:144–154, 1996. CODEN LNMAA2. ISBN 3-540-60604-1 (print), 3-540-48449-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094437/>.

**Farjoun:1996:AHI**

- [Far96b] Emmanuel Dror Farjoun. Augmented homotopy idempotent functors. *Lecture Notes in Mathematics*, 1622:39–58, 1996. CODEN LNMAA2. ISBN 3-540-60604-1 (print), 3-540-48449-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094431/>.

**Farjoun:1996:CI**

- [Far96c] Emmanuel Dror Farjoun. Cellular inequalities. *Lecture Notes in Mathematics*, 1622:155–175, 1996. CODEN LNMAA2. ISBN 3-540-60604-1 (print), 3-540-48449-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094438/>.

**Farjoun:1996:CSN**

- [Far96d] Emmanuel Dror Farjoun. *Cellular Spaces, Null Spaces and Homotopy Localization*, volume 1622 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1996. CODEN LNMAA2. ISBN 3-540-60604-1 (print), 3-540-48449-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). xiv + 199 pp. LCCN QA3 .L28 no. 1622. URL <http://link.springer.com/book/10.1007/BFb0094429>; <http://www.springerlink.com/content/978-3-540-48449-3>.

**Farjoun:1996:CNC**

- [Far96e] Emmanuel Dror Farjoun. Classification of nullity and cellular types of finite  $p$ -torsion suspension spaces. *Lecture Notes in*

*Mathematics*, 1622:135–143, 1996. CODEN LNMAA2. ISBN 3-540-60604-1 (print), 3-540-48449-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094436/>.

**Farjoun:1996:CHI**

[Far96f]

Emmanuel Dror Farjoun. Coaugmented homotopy idempotent localization functors. *Lecture Notes in Mathematics*, 1622:1–38, 1996. CODEN LNMAA2. ISBN 3-540-60604-1 (print), 3-540-48449-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094430/>.

**Farjoun:1996:CRP**

[Far96g]

Emmanuel Dror Farjoun. Commutation rules for  $\Omega$ ,  $L_f$  and  $CW_A$ , preservation of fibrations and cofibrations. *Lecture Notes in Mathematics*, 1622:59–78, 1996. CODEN LNMAA2. ISBN 3-540-60604-1 (print), 3-540-48449-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094432/>.

**Farjoun:1996:DTS**

[Far96h]

Emmanuel Dror Farjoun. Dold–Thom symmetric products and other colimits. *Lecture Notes in Mathematics*, 1622:79–99, 1996. CODEN LNMAA2. ISBN 3-540-60604-1 (print), 3-540-48449-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094433/>.

**Farjoun:1996:GTF**

[Far96i]

Emmanuel Dror Farjoun. General theory of fibrations, GEM error terms. *Lecture Notes in Mathematics*, 1622:100–126, 1996. CODEN LNMAA2. ISBN 3-540-60604-1 (print), 3-540-48449-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094434/>.

**Farjoun:1996:HLN**

[Far96j]

Emmanuel Dror Farjoun. Homological localization nearly preserves fibrations. *Lecture Notes in Mathematics*, 1622:127–134, 1996. CODEN LNMAA2. ISBN 3-540-60604-1 (print), 3-540-48449-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094435/>.

**Fernique:1991:CLF**

- [Fer91] Xavier Fernique. Convergence en loi de fonctions aléatoires continues ou càdlàg, propriétés de compacité des lois. (French) []. *Lecture Notes in Mathematics*, 1485:178–195, 1991. CODEN LNMAA2. ISBN 3-540-54616-2 (print), 3-540-38496-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0100856/>.

**Feigin:1996:IMQ**

- [FF96] Boris Feigin and Edward Frenkel. Integrals of motion and quantum groups. *Lecture Notes in Mathematics*, 1620:349–418, 1996. CODEN LNMAA2. ISBN 3-540-60542-8 (print), 3-540-47706-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094794/>.

**Fang:1997:DIB**

- [FF97] Shizan Fang and Jacques Franchi. A differentiable isomorphism between Wiener space and path group. *Lecture Notes in Mathematics*, 1655:54–61, 1997. CODEN LNMAA2. ISBN 3-540-62634-4 (print), 3-540-68352-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0119291/>.

**Fabes:1993:FM**

- [FFG<sup>+</sup>93] Eugene Fabes, Masatoshi Fukushima, Leonard Gross, Carlos Kenig, Michael Röckner, and Daniel W. Stroock. Front matter. *Lecture Notes in Mathematics*, 1563:??, 1993. CODEN LNMAA2. ISBN 3-540-57421-2 (print), 3-540-48151-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/content/pdf/bfm:978-3-540-48151-5/1.pdf>.

**Francaviglia:1990:GGM**

- [FG90] Mauro Francaviglia and Francesco Gherardelli, editors. *Global Geometry and Mathematical Physics: Lectures given at the 2nd Session of the Centro Internazionale Matematico Estivo (C.I.M.E.) held at Montecatini Terme, Italy, July 4–12, 1988*, volume 1451 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1990. CODEN LNMAA2. ISBN 3-540-53286-2 (print), 3-540-46813-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1451. URL <http://link.springer.com/book/10.1007/BFb0085063>; <http://www.springerlink.com/content/978-3-540-46813-4>.

**Francaviglia:1996:ISQ**

- [FG96] Mauro Francaviglia and Silvio Greco, editors. *Integrable Systems and Quantum Groups: Lectures given at the 1st Session of the Centro Internazionale Matematico Estivo (C.I.M.E.) held in Montecatini Terme, Italy, June 14–22, 1993*, volume 1620 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1996. CODEN LNMAA2. ISBN 3-540-60542-8 (print), 3-540-47706-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1620. URL <http://link.springer.com/book/10.1007/BFb0094791>; <http://www.springerlink.com/content/978-3-540-47706-8>.

**Ferrandez:1991:CCC**

- [FGL91] A. Ferrández, O. J. Garay, and P. Lucas. On a certain class of conformally flat Euclidean hypersurfaces. *Lecture Notes in Mathematics*, 1481:48–54, 1991. CODEN LNMAA2. ISBN 3-540-54728-2 (print), 3-540-46445-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083627>.

**Frame:1990:FDL**

- [FH90] Michael Frame and James Hefferon. Fractal dimensions of limit sets of some Kleinian groups. *Lecture Notes in Mathematics*, 1440: 74–80, 1990. CODEN LNMAA2. ISBN 3-540-52990-X (print), 3-540-46296-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084452>.

**Field:1991:LSE**

- [Fie91] Mike Field. Local structure of equivariant dynamics. *Lecture Notes in Mathematics*, 1463:142–166, 1991. CODEN LNMAA2. ISBN 3-540-53736-8 (print), 3-540-47047-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085430>.

**Fujita:1990:FAM**

- [FIK90] Hiroshi Fujita, Teruo Ikebe, and Shige Toshi Kuroda, editors. *Functional-Analytic Methods for Partial Differential Equations: Proceedings of a Conference and a Symposium held in Tokyo, Japan, July 3–9, 1989*, volume 1450 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Ger-

many / London, UK / etc., 1990. CODEN LNMAA2. ISBN 3-540-53393-1 (print), 3-540-46818-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1450. URL <http://link.springer.com/book/10.1007/BFb0084893>; <http://www.springerlink.com/content/978-3-540-46818-9>.

**Fine:1990:SPC**

- [Fin90] Benjamin Fine. Subgroup presentations without coset representatives. *Lecture Notes in Mathematics*, 1440:59–73, 1990. CODEN LNMAA2. ISBN 3-540-52990-X (print), 3-540-46296-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084451/>.

**Fischer:1990:GAL**

- [Fis90] T. M. Fischer. A Galerkin approximation for linear eigenvalue problems in two and three-dimensional boundary-layer flows. *Lecture Notes in Mathematics*, 1431:100–108, 1990. CODEN LNMAA2. ISBN 3-540-52770-2 (print), 3-540-47141-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086060/>.

**Fitzpatrick:1993:PID**

- [Fit93] Patrick Fitzpatrick. The parity as an invariant for detecting bifurcation of the zeroes of one parameter families of nonlinear Fredholm maps. *Lecture Notes in Mathematics*, 1537:1–31, 1993. CODEN LNMAA2. ISBN 3-540-56461-6 (print), 3-540-47563-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085074/>.

**Farrell:1991:CSP**

- [FJ91] Professor F. T. Farrell and Professor L. E. Jones. Computations of stable pseudoisotopy spaces for aspherical manifolds. *Lecture Notes in Mathematics*, 1474:59–74, 1991. CODEN LNMAA2. ISBN 3-540-54098-9 (print), 3-540-47403-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084737/>.

**Frohlich:1993:DTL**

- [FK93a] Jürg Fröhlich and Thomas Kerler. Duality theory for local quantum theories, dimensions and balancing in quantum categories. *Lecture Notes in Mathematics*, 1542:176–283, 1993. CODEN LNMAA2. ISBN 3-540-56623-6 (print), 3-540-47611-3 (e-book).

ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084251/>.

**Frohlich:1993:HAQ**

- [FK93b] Jürg Fröhlich and Thomas Kerler. Hopf algebras and quantum groups at roots of unity. *Lecture Notes in Mathematics*, 1542: 102–118, 1993. CODEN LNMAA2. ISBN 3-540-56623-6 (print), 3-540-47611-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084248/>.

**Frohlich:1993:ISR**

- [FK93c] Jürg Fröhlich and Thomas Kerler. Introduction and survey of results. *Lecture Notes in Mathematics*, 1542:1–16, 1993. CODEN LNMAA2. ISBN 3-540-56623-6 (print), 3-540-47611-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084245/>.

**Frohlich:1993:LQT**

- [FK93d] Jürg Fröhlich and Thomas Kerler. Local quantum theory with braid group statistics. *Lecture Notes in Mathematics*, 1542:17–44, 1993. CODEN LNMAA2. ISBN 3-540-56623-6 (print), 3-540-47611-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084246/>.

**Frohlich:1993:PRB**

- [FK93e] Jürg Fröhlich and Thomas Kerler. Path representations of the braid groups for quantum groups at roots of unity. *Lecture Notes in Mathematics*, 1542:141–175, 1993. CODEN LNMAA2. ISBN 3-540-56623-6 (print), 3-540-47611-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084250/>.

**Frohlich:1993:QCG**

- [FK93f] Jürg Fröhlich and Thomas Kerler. The quantum categories with a generator of dimension less than two. *Lecture Notes in Mathematics*, 1542:284–411, 1993. CODEN LNMAA2. ISBN 3-540-56623-6 (print), 3-540-47611-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084252/>.

**Frohlich:1993:QGQ**

- [FK93g] Jürg Fröhlich and Thomas Kerler. *Quantum Groups, Quantum Categories and Quantum Field Theory*, volume 1542 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1993. CODEN LNMAA2. ISBN 3-540-56623-6 (print), 3-540-47611-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). viii + 431 pp. LCCN QA3 .L28 no. 1542. URL <http://link.springer.com/book/10.1007/BFb0084244>; <http://www.springerlink.com/content/978-3-540-47611-5>.

**Frohlich:1993:RT**

- [FK93h] Jürg Fröhlich and Thomas Kerler. Representation theory of  $U_q^{\text{red}}(sl_2)$ . *Lecture Notes in Mathematics*, 1542:119–140, 1993. CODEN LNMAA2. ISBN 3-540-56623-6 (print), 3-540-47611-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084249>.

**Frohlich:1993:SSS**

- [FK93i] Jürg Fröhlich and Thomas Kerler. Superselection sectors and the structure of fusion rule algebras. *Lecture Notes in Mathematics*, 1542:45–101, 1993. CODEN LNMAA2. ISBN 3-540-56623-6 (print), 3-540-47611-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084247>.

**Flandrin:1990:QMT**

- [Fla90] Patrick Flandrin. Quelques méthodes temps-fréquence et temps-échelle en traitement du signal. (French) []. *Lecture Notes in Mathematics*, 1438:81–92, 1990. CODEN LNMAA2. ISBN 3-540-52932-2 (print), 3-540-47179-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083516>.

**Flandoli:1991:SFL**

- [Fla91] Franco Flandoli. Stochastic flow and Lyapunov exponents for abstract stochastic PDEs of parabolic type. *Lecture Notes in Mathematics*, 1486:196–205, 1991. CODEN LNMAA2. ISBN 3-540-54662-6 (print), 3-540-46431-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086669>.

**Froment:1990:AMV**

- [FM90] Jacques Froment and Jean-Michel Morel. Analyse multiéchelle, vision stéréo et ondelettes. (French) []. *Lecture Notes in Mathematics*, 1438:51–80, 1990. CODEN LNMAA2. ISBN 3-540-52932-2 (print), 3-540-47179-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083515/>.

**Fitzpatrick:1993:FM**

- [FMMN93] Patrick Fitzpatrick, Mario Martelli, Jean Mawhin, and Roger Nussbaum. Front matter. *Lecture Notes in Mathematics*, 1537: ??, 1993. CODEN LNMAA2. ISBN 3-540-56461-6 (print), 3-540-47563-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/content/pdf/bfm:978-3-540-47563-7/1.pdf>.

**Fitzgibbon:1991:EST**

- [FMSW91] W. E. Fitzgibbon, J. J. Morgan, R. S. Sanders, and S. J. Waggoner. Estimates for spatio-temporally dependent reaction diffusion systems. *Lecture Notes in Mathematics*, 1475:130–146, 1991. CODEN LNMAA2. ISBN 3-540-54120-9 (print), 3-540-47418-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083486/>.

**Foias:1991:CLT**

- [Foi91] Ciprian Foiaş. Commutant lifting techniques for computing optimal  $H^\infty$  controllers. *Lecture Notes in Mathematics*, 1496:1–36, 1991. CODEN LNMAA2. ISBN 3-540-54949-8 (print), 3-540-46604-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084466/>.

**Fontenais:1998:MCS**

- [Fon98] Éric Fontenais. Sur les minorations des constantes de Sobolev et de Sobolev logarithmiques pour les opérateurs de Jacobi et de Laguerre. (French) []. *Lecture Notes in Mathematics*, 1686: 14–29, 1998. CODEN LNMAA2. ISBN 3-540-64376-1 (print), 3-540-69762-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0101747/>.

**Forte:1992:IPM**

- [For92] Bruno Forte. Inverse problems in mathematics for industry. *Lecture Notes in Mathematics*, 1521:64–110, 1992. CODEN LNMAA2. ISBN 3-540-55595-1 (print), 3-540-47247-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0098366/>.

**Fouvry:1990:NPP**

- [Fou90] Etienne Fouvry. Nombres presque premiers dans les petits intervalles. (French) []. *Lecture Notes in Mathematics*, 1434:65–85, 1990. CODEN LNMAA2. ISBN 3-540-52787-7 (print), 3-540-47147-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0097125/>.

**Fourati:1995:PMP**

- [Fou95] S. Fourati. Une propriété de Markov pour les processus indexés par  $\mathbf{R}$ . (French) []. *Lecture Notes in Mathematics*, 1613:133–154, 1995. CODEN LNMAA2. ISBN 3-540-60219-4 (print), 3-540-44744-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094206/>.

**Furi:1991:FSP**

- [FP91] Massimo Furi and Maria Patrizia Pera. The forced spherical pendulum does have forced oscillations. *Lecture Notes in Mathematics*, 1475:176–182, 1991. CODEN LNMAA2. ISBN 3-540-54120-9 (print), 3-540-47418-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083489/>.

**Fulton:1998:PFO**

- [FP98a] William Fulton and Piotr Pragacz.  $\tilde{P}$ – and  $\tilde{Q}$ – polynomial formulas for other classical groups. *Lecture Notes in Mathematics*, 1689:79–91, 1998. CODEN LNMAA2. ISBN 3-540-64538-1 (print), 3-540-69804-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096387/>.

**Fulton:1998:AOP**

- [FP98b] William Fulton and Piotr Pragacz. Applications and open problems. *Lecture Notes in Mathematics*, 1689:97–103, 1998. CODEN

LNMAA2. ISBN 3-540-64538-1 (print), 3-540-69804-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096389/>.

**Fulton:1998:CBN**

- [FP98c] William Fulton and Piotr Pragacz. The classes of Brill–Noether loci in Prym varieties. *Lecture Notes in Mathematics*, 1689:92–96, 1998. CODEN LNMAA2. ISBN 3-540-64538-1 (print), 3-540-69804-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096388/>.

**Fulton:1998:ECD**

- [FP98d] William Fulton and Piotr Pragacz. The Euler characteristic of degeneracy loci. *Lecture Notes in Mathematics*, 1689:53–64, 1998. CODEN LNMAA2. ISBN 3-540-64538-1 (print), 3-540-69804-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096385/>.

**Fulton:1998:FBD**

- [FP98e] William Fulton and Piotr Pragacz. Flag bundles and determinantal formulas for the other classical groups. *Lecture Notes in Mathematics*, 1689:65–78, 1998. CODEN LNMAA2. ISBN 3-540-64538-1 (print), 3-540-69804-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096386/>.

**Fulton:1998:IDL**

- [FP98f] William Fulton and Piotr Pragacz. Introduction to degeneracy loci and Schubert polynomials. *Lecture Notes in Mathematics*, 1689:1–13, 1998. CODEN LNMAA2. ISBN 3-540-64538-1 (print), 3-540-69804-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096381/>.

**Fulton:1998:MFG**

- [FP98g] William Fulton and Piotr Pragacz. Modern formulation; grassmannians, flag varieties, Schubert varieties. *Lecture Notes in Mathematics*, 1689:14–25, 1998. CODEN LNMAA2. ISBN 3-540-64538-1 (print), 3-540-69804-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096382/>.

**Fulton:1998:PSD**

- [FP98h] William Fulton and Piotr Pragacz. Polynomials supported on degeneracy loci. *Lecture Notes in Mathematics*, 1689:40–52, 1998. CODEN LNMAA2. ISBN 3-540-64538-1 (print), 3-540-69804-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096384/>.

**Fulton:1998:SVD**

- [FP98i] William Fulton and Piotr Pragacz. *Schubert Varieties and Degeneracy Loci*, volume 1689 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1998. CODEN LNMAA2. ISBN 3-540-64538-1 (print), 3-540-69804-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). xii + 148 pp. LCCN QA3 .L28 no. 1689. URL <http://link.springer.com/book/10.1007/BFb0096380>; <http://www.springerlink.com/content/978-3-540-69804-3>.

**Fulton:1998:SPU**

- [FP98j] William Fulton and Piotr Pragacz. Symmetric polynomials useful in geometry. *Lecture Notes in Mathematics*, 1689:26–39, 1998. CODEN LNMAA2. ISBN 3-540-64538-1 (print), 3-540-69804-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/BFb0096383/](http://link.springer.com/chapter/10.1007/BFb0096383).

**Frey:1992:DAE**

- [FPS92] Gerhard Frey, Marc Perret, and Henning Stichtenoth. On the different of abelian extensions of global fields. *Lecture Notes in Mathematics*, 1518:26–32, 1992. CODEN LNMAA2. ISBN 3-540-55651-6 (print), 3-540-47267-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/BFb0087990/](http://link.springer.com/chapter/10.1007/BFb0087990).

**Ferus:1991:GDG**

- [FPSW91] Dirk Ferus, Ulrich Pinkall, Udo Simon, and Bernd Wegner, editors. *Global Differential Geometry and Global Analysis: Proceedings of a Conference held in Berlin, 15–20 June, 1990*, volume 1481 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1991. CODEN LNMAA2. ISBN 3-540-54728-2 (print), 3-540-46445-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1481. URL <http://link.springer.com/book/10.1007/BFb0087991>.

[/link.springer.com/book/10.1007/BFb0083621](http://link.springer.com/book/10.1007/BFb0083621); <http://www.springerlink.com/content/978-3-540-46445-7>.

Falqui:1990:BM

- [FR90a] Gregorio Falqui and Cesare Reina. Back matter. *Lecture Notes in Mathematics*, 1451:??, 1990. CODEN LNMAA2. ISBN 3-540-53286-2 (print), 3-540-46813-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/content/pdf/bbm:978-3-540-46813-4/1.pdf>.

Falqui:1990:SS

- [FR90b] Gregorio Falqui and Cesare Reina. Supermoduli and superstrings. *Lecture Notes in Mathematics*, 1451:176–188, 1990. CODEN LNMAA2. ISBN 3-540-53286-2 (print), 3-540-46813-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085070/>.

Francoise:1990:BPV

- [FR90c] Jean-Pierre Françoise and Robert Roussarie, editors. *Bifurcations of Planar Vector Fields: Proceedings of a Meeting held in Luminy, France, Sept. 18–22, 1989*, volume 1455 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1990. CODEN LNMAA2. ISBN 3-540-53509-8 (print), 3-540-46722-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1455. URL <http://link.springer.com/book/10.1007/BFb0085387>; <http://www.springerlink.com/content/978-3-540-46722-9>.

Francoise:1992:DRA

- [FR92] J.-P. Françoise and F. Ronga. The decidability of real algebraic sets by the index formula. *Lecture Notes in Mathematics*, 1524: 235–239, 1992. CODEN LNMAA2. ISBN 3-540-55992-2 (print), 3-540-47337-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084623/>.

Francoise:1990:IPG

- [Fra90] Jean-Pierre Françoise. Intégrales de périodes en géométries symplectique et isochore. (French) []. *Lecture Notes in Mathematics*, 1416:105–138, 1990. CODEN LNMAA2. ISBN 3-540-52191-7 (print), 3-540-46920-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0097467/>.

**Francis:1991:LCS**

- [Fra91] Bruce Francis. Lectures on  $H_\infty$  control and sampled-data systems. *Lecture Notes in Mathematics*, 1496:37–105, 1991. CODEN LNMAA2. ISBN 3-540-54949-8 (print), 3-540-46604-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084467/>.

**Franchi:1995:CMT**

- [Fra95] J. Franchi. Chaos multiplicatif: un traitement simple et complet de la fonction de partition. (French) []. *Lecture Notes in Mathematics*, 1613:194–201, 1995. CODEN LNMAA2. ISBN 3-540-60219-4 (print), 3-540-44744-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094211/>.

**Freund:1990:BTI**

- [Fre90] Roland Freund. On Bernstein type inequalities and a weighted Chebyshev approximation problem on ellipses. *Lecture Notes in Mathematics*, 1435:45–55, 1990. CODEN LNMAA2. ISBN 3-540-52768-0 (print), 3-540-47139-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0087896/>.

**Freitag:1991:FL**

- [Fre91a] Eberhard Freitag. The fundamental lemma. *Lecture Notes in Mathematics*, 1487:111–152, 1991. CODEN LNMAA2. ISBN 3-540-54704-5 (print), 3-540-46434-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093835/>.

**Freitag:1991:I**

- [Fre91b] Eberhard Freitag. Introduction. *Lecture Notes in Mathematics*, 1487:1–5, 1991. CODEN LNMAA2. ISBN 3-540-54704-5 (print), 3-540-46434-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093830/>.

**Freitag:1991:R**

- [Fre91c] Eberhard Freitag. The results. *Lecture Notes in Mathematics*, 1487:153–169, 1991. CODEN LNMAA2. ISBN 3-540-54704-5 (print), 3-540-46434-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093836/>.

**Freitag:1991:SMFa**

- [Fre91d] Eberhard Freitag. Siegel modular forms. *Lecture Notes in Mathematics*, 1487:8–37, 1991. CODEN LNMAA2. ISBN 3-540-54704-5 (print), 3-540-46434-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093831/>.

**Freitag:1991:SMFc**

- [Fre91e] Eberhard Freitag. *Singular Modular Forms and Theta Relations*, volume 1487 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1991. CODEN LNMAA2. ISBN 3-540-54704-5 (print), 3-540-46434-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). iv + 172 pp. LCCN QA3 .L28 no. 1487. URL <http://link.springer.com/book/10.1007/BFb0093829>; <http://www.springerlink.com/content/978-3-540-46434-1>.

**Freitag:1991:SMFb**

- [Fre91f] Eberhard Freitag. Singular modular forms and theta series. *Lecture Notes in Mathematics*, 1487:89–110, 1991. CODEN LNMAA2. ISBN 3-540-54704-5 (print), 3-540-46434-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093834/>.

**Freitag:1991:SW**

- [Fre91g] Eberhard Freitag. Singular weights. *Lecture Notes in Mathematics*, 1487:70–88, 1991. CODEN LNMAA2. ISBN 3-540-54704-5 (print), 3-540-46434-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093833/>.

**Freitag:1991:TSP**

- [Fre91h] Eberhard Freitag. Theta series with polynomial coefficients. *Lecture Notes in Mathematics*, 1487:38–69, 1991. CODEN LNMAA2. ISBN 3-540-54704-5 (print), 3-540-46434-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093832/>.

**Freyd:1991:ACC**

- [Fre91i] Peter Freyd. Algebraically complete categories. *Lecture Notes in Mathematics*, 1488:95–104, 1991. CODEN LNMAA2. ISBN 3-540-54706-1 (print), 3-540-46435-2 (e-book). ISSN 0075-8434

(print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084215/>.

**Freidlin:1992:SLP**

- [Fre92] Mark I. Freidlin. Semi-linear pde's and limit theorems for large deviations. *Lecture Notes in Mathematics*, 1527:1–109, 1992. CODEN LNMAA2. ISBN 3-540-56250-8 (print), 3-540-47490-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084699/>.

**Frey:1994:ACO**

- [Fre94] Gerhard Frey. *On Artin's Conjecture for Odd 2-dimensional Representations*, volume 1585 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1994. CODEN LNMAA2. ISBN 3-540-58387-4 (print), 3-540-48681-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). 121 (est.) pp. LCCN QA3 .L28 no. 1585. URL <http://link.springer.com/book/10.1007/BFb0074106>; <http://www.springerlink.com/content/978-3-540-48681-7>.

**Frigerio:1990:QPP**

- [Fri90a] Alberto Frigerio. Quantum Poisson processes: Physical motivations and applications. *Lecture Notes in Mathematics*, 1442: 177, 1990. CODEN LNMAA2. ISBN 3-540-53026-6 (print), 3-540-46311-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085509>.

**Frigerio:1990:TIN**

- [Fri90b] Alberto Frigerio. Time-inhomogeneous and nonlinear quantum evolutions. *Lecture Notes in Mathematics*, 1442:162–176, 1990. CODEN LNMAA2. ISBN 3-540-53026-6 (print), 3-540-46311-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085508/>.

**Friedrich:1991:BPT**

- [Fri91] Volkmar Friedrich. Backscattered photons — are they useful for a surface-near tomography? *Lecture Notes in Mathematics*, 1497: 63–65, 1991. CODEN LNMAA2. ISBN 3-540-54970-6 (print), 3-540-46615-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084508/>.

**Frosali:1991:FAT**

- [Fro91] Giovanni Frosali. Functional-analytic techniques in the study of time-dependent electron swarms in weakly ionized gases. *Lecture Notes in Mathematics*, 1460:107–139, 1991. CODEN LNMAA2. ISBN 3-540-53545-4 (print), 3-540-46779-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0091364/>.

**Fruchard:1991:EBD**

- [Fru91] Augustin Fruchard. Existence of bifurcation delay: The discrete case. *Lecture Notes in Mathematics*, 1493:87–106, 1991. CODEN LNMAA2. ISBN 3-540-54900-5 (print), 3-540-46471-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085026/>.

**Fejer:1990:DCM**

- [FS90a] Peter A. Fejer and Richard A. Shore. A direct construction of a minimal recursively enumerable truth-table degree. *Lecture Notes in Mathematics*, 1432:187–204, 1990. CODEN LNMAA2. ISBN 3-540-52772-9 (print), 3-540-47142-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086118/>.

**Fichtner:1990:LIB**

- [FS90b] Karl-Heinz Fichtner and Uwe Schreiter. Locally independent boson systems. *Lecture Notes in Mathematics*, 1442:145–161, 1990. CODEN LNMAA2. ISBN 3-540-53026-6 (print), 3-540-46311-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085507/>.

**Fomenko:1990:ERM**

- [FS90c] A. T. Fomenko and V. V. Sharko. Exact round Morse functions, inequalities of Morse type and integrals of Hamiltonian systems. *Lecture Notes in Mathematics*, 1453:51–67, 1990. CODEN LNMAA2. ISBN 3-540-53407-5 (print), 3-540-46861-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085946/>.

**Francoise:1990:RAV**

- [FS90d] J.-P. Francoise and R. Silhol. Real abelian varieties and the singularities of an integrable Hamiltonian system. *Lecture Notes in Mathematics*, 1420:121–127, 1990. CODEN LNMAA2. ISBN

3-540-52313-8 (print), 3-540-46952-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083915/>.

**Franke:1991:EAA**

- [FS91] Jeffery M. Franke and Harlan W. Stech. Extensions of an algorithm for the analysis of nongeneric Hopf bifurcations, with applications to delay-difference equations. *Lecture Notes in Mathematics*, 1475:161–175, 1991. CODEN LNMAA2. ISBN 3-540-54120-9 (print), 3-540-47418-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083488/>.

**Farwig:1992:ARE**

- [FS92] Reinhard Farwig and Hermann Sohr. An approach to resolvent estimates for the Stokes equations in  $L^q$ -spaces. *Lecture Notes in Mathematics*, 1530:97–110, 1992. CODEN LNMAA2. ISBN 3-540-56261-3 (print), 3-540-47498-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0090336/>.

**Fouvry:1990:DTE**

- [FT90] E. Fouvry and G. Tenenbaum. Diviseurs de Titchmarsh des entiers sans grand facteur premier. (French) []. *Lecture Notes in Mathematics*, 1434:86–102, 1990. CODEN LNMAA2. ISBN 3-540-52787-7 (print), 3-540-47147-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0097126/>.

**Finkelstein:1993:DWR**

- [FT93] Mark Finkelstein and Howard G. Tucker. On the distribution of the Wilcoxon Rank-Sum statistic. *Lecture Notes in Mathematics*, 1546:26–32, 1993. CODEN LNMAA2. ISBN 3-540-56744-5 (print), 3-540-47645-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084479/>.

**Fuhrmann:1991:HSC**

- [Fuh91] P. A. Fuhrmann. On the Hamiltonian structure in the computation of singular values for a class of Hankel operators. *Lecture Notes in Mathematics*, 1496:250–276, 1991. CODEN LNMAA2. ISBN 3-540-54949-8 (print), 3-540-46604-5 (e-book).

ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084471/>.

**Fujii:1990:UDZ**

- [Fuj90a] Akio Fujii. Uniform distribution of the zeros of the Riemann zeta function and the mean value theorems of Dirichlet  $L$ -functions (II). *Lecture Notes in Mathematics*, 1434:103–125, 1990. CODEN LNMAA2. ISBN 3-540-52787-7 (print), 3-540-47147-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0097127/>.

**Fujita:1990:SDP**

- [Fuj90b] Takao Fujita. On singular Del Pezzo varieties. *Lecture Notes in Mathematics*, 1417:117–128, 1990. CODEN LNMAA2. ISBN 3-540-52217-4 (print), 3-540-46934-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083337/>.

**Fujiki:1991:HSM**

- [Fuj91] Akira Fujiki. Hyperkähler structure on the moduli space of flat bundles. *Lecture Notes in Mathematics*, 1468:1–83, 1991. CODEN LNMAA2. ISBN 3-540-54053-9 (print), 3-540-47370-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086187/>.

**Fujita:1992:ABA**

- [Fuj92] Takao Fujita. On adjoint bundles of ample vector bundles. *Lecture Notes in Mathematics*, 1507:105–112, 1992. CODEN LNMAA2. ISBN 3-540-55235-9 (print), 3-540-46786-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094513/>.

**Fujiwara:1993:SFP**

- [Fuj93] Daisuke Fujiwara. Some Feynman path integrals as oscillatory integrals over a Sobolev manifold. *Lecture Notes in Mathematics*, 1540:39–53, 1993. CODEN LNMAA2. ISBN 3-540-56471-3 (print), 3-540-47565-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085473/>.

**Fukushima:1993:TTR**

- [Fuk93] Masatoshi Fukushima. Two topics related to Dirichlet forms: quasi everywhere convergences and additive functionals. *Lec-*

*Lecture Notes in Mathematics*, 1563:21–53, 1993. CODEN LNMAA2. ISBN 3-540-57421-2 (print), 3-540-48151-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0074090/>.

**Fursikov:1990:NSE**

- [Fur90a] A. V. Fursikov. Navier–Stokes equations from the point of view of the theory of ill-posed boundary value problems. *Lecture Notes in Mathematics*, 1431:23–39, 1990. CODEN LNMAA2. ISBN 3-540-52770-2 (print), 3-540-47141-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086052/>.

**Fursikov:1990:SAN**

- [Fur90b] A. V. Fursikov. On the statistical approach to the Navier–Stokes equations. *Lecture Notes in Mathematics*, 1431:40–48, 1990. CODEN LNMAA2. ISBN 3-540-52770-2 (print), 3-540-47141-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086053/>.

**Furter:1991:BSR**

- [Fur91] J. E. Furter. On the bifurcations of subharmonics in reversible systems. *Lecture Notes in Mathematics*, 1463:167–192, 1991. CODEN LNMAA2. ISBN 3-540-53736-8 (print), 3-540-47047-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085431/>.

**Fursikov:1992:CPC**

- [Fur92] A. V. Fursikov. The closure problem for the chain of the Friedman–Keller moment equations in the case of large Reynolds numbers. *Lecture Notes in Mathematics*, 1530:226–245, 1992. CODEN LNMAA2. ISBN 3-540-56261-3 (print), 3-540-47498-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0090345/>.

**Fournier:1991:MCT**

- [FW91] G. Fournier and M. Willem. The mountain circle theorem. *Lecture Notes in Mathematics*, 1475:147–160, 1991. CODEN LNMAA2. ISBN 3-540-54120-9 (print), 3-540-47418-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083487/>.

**Furi:1993:TMO**

- [FZ93] Massimo Furi and Pietro Zecca, editors. *Topological Methods for Ordinary Differential Equations: Lectures given at the 1st Session of the Centro Internazionale Matematico Estivo (C.I.M.E.) held in Montecatini Terme, Italy, June 24–July 2, 1991*, volume 1537 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1993. CODEN LNMAA2. ISBN 3-540-56461-6 (print), 3-540-47563-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1537. URL <http://link.springer.com/book/10.1007/BFb0085073>; <http://www.springerlink.com/content/978-3-540-47563-7>.

**Fuller:1990:FCM**

- [FZH90] Kent R. Fuller and Birge Zimmermann-Huisgen. Filtered Cartan matrices for Artinian rings of low Loewy length. *Lecture Notes in Mathematics*, 1448:72–79, 1990. CODEN LNMAA2. ISBN 3-540-53164-5 (print), 3-540-46745-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0091252>.

**Galdi:1992:OBV**

- [Gal92] Giovanni P. Galdi. On the Oseen boundary-value problem in exterior domains. *Lecture Notes in Mathematics*, 1530:111–131, 1992. CODEN LNMAA2. ISBN 3-540-56261-3 (print), 3-540-47498-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0090337>.

**Gao:1997:NCT**

- [Gao97] Fuqing Gao. A note on Cramér’s theorem. *Lecture Notes in Mathematics*, 1655:77–79, 1997. CODEN LNMAA2. ISBN 3-540-62634-4 (print), 3-540-68352-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0119294>.

**Gauduchon:1991:SDM**

- [Gau91] Paul Gauduchon. Self-dual manifolds with non-negative Ricci operator. *Lecture Notes in Mathematics*, 1481:55–61, 1991. CODEN LNMAA2. ISBN 3-540-54728-2 (print), 3-540-46445-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083628>.

**Gondard-Cozette:1990:CFR**

- [GC90] Danielle Gondard-Cozette. Chainable fields and real algebraic geometry. *Lecture Notes in Mathematics*, 1420:128–148, 1990. CODEN LNMAA2. ISBN 3-540-52313-8 (print), 3-540-46952-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083916/>.

**Gondard-Cozette:1992:ONE**

- [GC92] Danielle Gondard-Cozette. Sur les ordres de niveau  $2^n$  et sur une extension du 17ème problème de Hilbert. (French) []. *Lecture Notes in Mathematics*, 1524:257–266, 1992. CODEN LNMAA2. ISBN 3-540-55992-2 (print), 3-540-47337-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084625/>.

**Gonzalez-Corbalan:1990:SIL**

- [GCR90] A. González-Corbalan and T. Recio. Shape invariant lists and realization as plane real algebraic curves with doublepoints. *Lecture Notes in Mathematics*, 1420:149–169, 1990. CODEN LNMAA2. ISBN 3-540-52313-8 (print), 3-540-46952-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083917/>.

**Deng:1991:GPD**

- [gDH91] Dong gao Deng and Yongsheng Han. On a generalized para-product defined by non-convolution. *Lecture Notes in Mathematics*, 1494:46–53, 1991. CODEN LNMAA2. ISBN 3-540-54901-3 (print), 3-540-46474-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0087755/>.

**Grassin:1991:DTS**

- [GDT91] Patricia Grassin, Bernard Duchene, and Walid Tabbara. Diffraction tomography some applications and extension to 3-D ultrasound imaging. *Lecture Notes in Mathematics*, 1497:98–105, 1991. CODEN LNMAA2. ISBN 3-540-54970-6 (print), 3-540-46615-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084510/>.

**Ge:1992:NSY**

- [Ge92] Mo-Lin Ge. New solutions of Yang-Baxter equations and quantum group structures. *Lecture Notes in Mathematics*, 1510:245–

258, 1992. CODEN LNMAA2. ISBN 3-540-55305-3 (print), 3-540-47020-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0101193/>.

**Grosse-Erdmann:1998:AMO**

- [GE98a] Karl-Goswin Grosse-Erdmann. Applications to matrix operators and inequalities. *Lecture Notes in Mathematics*, 1679:49–76, 1998. CODEN LNMAA2. ISBN 3-540-63902-0 (print), 3-540-69664-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093490/>.

**Grosse-Erdmann:1998:BT**

- [GE98b] Karl-Goswin Grosse-Erdmann. The blocking technique. *Lecture Notes in Mathematics*, 1679:7–22, 1998. CODEN LNMAA2. ISBN 3-540-63902-0 (print), 3-540-69664-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093488/>.

**Grosse-Erdmann:1998:BTW**

- [GE98c] Karl-Goswin Grosse-Erdmann. *The Blocking Technique, Weighted Mean Operators and Hardy's Inequality*, volume 1679 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1998. CODEN LNMAA2. ISBN 3-540-63902-0 (print), 3-540-69664-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). x + 114 pp. LCCN QA3 .L28 no. 1679. URL <http://link.springer.com/book/10.1007/BFb0093486>; <http://www.springerlink.com/content/978-3-540-69664-3>.

**Grosse-Erdmann:1998:IA**

- [GE98d] Karl-Goswin Grosse-Erdmann. Integral analogues. *Lecture Notes in Mathematics*, 1679:77–92, 1998. CODEN LNMAA2. ISBN 3-540-63902-0 (print), 3-540-69664-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093491/>.

**Grosse-Erdmann:1998:I**

- [GE98e] Karl-Goswin Grosse-Erdmann. Introduction. *Lecture Notes in Mathematics*, 1679:1–6, 1998. CODEN LNMAA2. ISBN 3-540-63902-0 (print), 3-540-69664-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093487/>.

**Grosse-Erdmann:1998:SS**

- [GE98f] Karl-Goswin Grosse-Erdmann. The sequence spaces  $c(a, p, q)$  and  $d(a, p, q)$ . *Lecture Notes in Mathematics*, 1679:23–47, 1998. CODEN LNMAA2. ISBN 3-540-63902-0 (print), 3-540-69664-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093489/>.

**Gehring:1992:TQM**

- [Geh92] F. W. Gehring. Topics in quasiconformal mappings. *Lecture Notes in Mathematics*, 1508:20–38, 1992. CODEN LNMAA2. ISBN 3-540-55418-1 (print), 3-540-47061-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094236/>.

**Gekeler:1990:RCG**

- [Gek90] Ernst-Ulrich Gekeler. De Rham cohomology and the Gauss-Manin connection for Drinfeld modules. *Lecture Notes in Mathematics*, 1454:223–255, 1990. CODEN LNMAA2. ISBN 3-540-53477-6 (print), 3-540-46906-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0091142/>.

**Gelman:1990:SPT**

- [Gel90] B. D. Gel'man. On some problems from the theory of fixed points of multivalued mappings. *Lecture Notes in Mathematics*, 1453: 227–244, 1990. CODEN LNMAA2. ISBN 3-540-53407-5 (print), 3-540-46861-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085958/>.

**Gelman:1992:GDM**

- [Gel92] B. D. Gel'man. Generalized degree of multi-valued mappings. *Lecture Notes in Mathematics*, 1520:173–192, 1992. CODEN LNMAA2. ISBN 3-540-55583-8 (print), 3-540-47223-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084721/>.

**Geman:1990:RFI**

- [Gem90] D. Geman. Random fields and inverse problems in imaging. *Lecture Notes in Mathematics*, 1427:113–193, 1990. CODEN LNMAA2. ISBN 3-540-53508-X (print), 3-540-46718-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0103042/>.

- Gershkovich:1990:EBN**
- [Ger90] V. Ya. Gershkovich. Estimates for  $\epsilon$ -balls of nonholonomic metrics. *Lecture Notes in Mathematics*, 1453:69–85, 1990. CODEN LNMAA2. ISBN 3-540-53407-5 (print), 3-540-46861-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085947/>.
- Gervais:1992:QGS**
- [Ger92] Jean-Loup Gervais. Quantum group symmetry of 2D gravity. *Lecture Notes in Mathematics*, 1510:259–276, 1992. CODEN LNMAA2. ISBN 3-540-55305-3 (print), 3-540-47020-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0101194/>.
- Geronimo:1993:POU**
- [Ger93] J. S. Geronimo. Polynomials orthogonal on the unit circle with random recurrence coefficients. *Lecture Notes in Mathematics*, 1550:43–61, 1993. CODEN LNMAA2. ISBN 3-540-56931-6 (print), 3-540-47792-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0117473/>.
- Gerstenhaber:1992:QS**
- [GGS92] Murray Gerstenhaber, Anthony Giaquinto, and Samuel D. Schack. Quantum symmetry. *Lecture Notes in Mathematics*, 1510:9–46, 1992. CODEN LNMAA2. ISBN 3-540-55305-3 (print), 3-540-47020-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0101176/>.
- Giga:1993:ESS**
- [GGS93] Mariko Giga, Yoshikazu Giga, and Hermann Sohr.  $L^p$  estimates for the Stokes system. *Lecture Notes in Mathematics*, 1540:55–67, 1993. CODEN LNMAA2. ISBN 3-540-56471-3 (print), 3-540-47565-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085474/>.
- Gine:1997:LPT**
- [GGSC97] Evarist Giné, Geoffrey R. Grimmett, and Laurent Saloff-Coste, editors. *Lectures on Probability Theory and Statistics: École d'Été de Probabilités de Saint-Flour XXVI —*

1996, volume 1665 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1997. CODEN LNMAA2. ISBN 3-540-63190-9 (print), 3-540-69210-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1665. URL <http://link.springer.com/book/10.1007/BFb0092617>; <http://www.springerlink.com/content/978-3-540-69210-2>.

Gavrilov:1990:LCZ

- [GH90] Ljubomir Gavrilov and Emil Horozov. Limit cycles and zeroes of Abelian integrals satisfying third order Picard–Fuchs equations. *Lecture Notes in Mathematics*, 1455:160–186, 1990. CODEN LNMAA2. ISBN 3-540-53509-8 (print), 3-540-46722-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085392/>.

Ghrist:1997:B

- [GHS97a] Robert W. Ghrist, Philip J. Holmes, and Michael C. Sullivan. Bifurcations. *Lecture Notes in Mathematics*, 1654:107–142, 1997. CODEN LNMAA2. ISBN 3-540-62628-X (print), 3-540-68347-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093392/>.

Ghrist:1997:CR

- [GHS97b] Robert W. Ghrist, Philip J. Holmes, and Michael C. Sullivan. Concluding remarks. *Lecture Notes in Mathematics*, 1654:167–191, 1997. CODEN LNMAA2. ISBN 3-540-62628-X (print), 3-540-68347-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093394/>.

Ghrist:1997:Ia

- [GHS97c] Robert W. Ghrist, Philip J. Holmes, and Michael C. Sullivan. Introduction. *Lecture Notes in Mathematics*, 1654:1–4, 1997. CODEN LNMAA2. ISBN 3-540-62628-X (print), 3-540-68347-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093388/>.

Ghrist:1997:Ib

- [GHS97d] Robert W. Ghrist, Philip J. Holmes, and Michael C. Sullivan. Invariants. *Lecture Notes in Mathematics*, 1654:143–166, 1997. CODEN LNMAA2. ISBN 3-540-62628-X (print), 3-540-68347-X

(e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093393/>.

**Ghrist:1997:KLT**

- [GHS97e] Robert W. Ghrist, Philip J. Holmes, and Michael C. Sullivan. *Knots and Links in Three-Dimensional Flows*, volume 1654 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1997. CODEN LNMAA2. ISBN 3-540-62628-X (print), 3-540-68347-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). x + 208 pp. LCCN QA3 .L28 no. 1654. URL <http://link.springer.com/book/10.1007/BFb0093387>; <http://www.springerlink.com/content/978-3-540-68347-6>.

**Ghrist:1997:P**

- [GHS97f] Robert W. Ghrist, Philip J. Holmes, and Michael C. Sullivan. Prerequisites. *Lecture Notes in Mathematics*, 1654:5–32, 1997. CODEN LNMAA2. ISBN 3-540-62628-X (print), 3-540-68347-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/BFb0093389/](http://link.springer.com/chapter/10.1007/BFb0093389).

**Ghrist:1997:TT**

- [GHS97g] Robert W. Ghrist, Philip J. Holmes, and Michael C. Sullivan. Template theory. *Lecture Notes in Mathematics*, 1654:69–106, 1997. CODEN LNMAA2. ISBN 3-540-62628-X (print), 3-540-68347-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/BFb0093391/](http://link.springer.com/chapter/10.1007/BFb0093391).

**Ghrist:1997:T**

- [GHS97h] Robert W. Ghrist, Philip J. Holmes, and Michael C. Sullivan. Templates. *Lecture Notes in Mathematics*, 1654:33–68, 1997. CODEN LNMAA2. ISBN 3-540-62628-X (print), 3-540-68347-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/BFb0093390/](http://link.springer.com/chapter/10.1007/BFb0093390).

**Gautheron:1991:FDD**

- [GI91] Véronique Gautheron and Emmanuel Isambert. Finitely differentiable ducks and finite expansions. *Lecture Notes in Mathematics*, 1493:40–56, 1991. CODEN LNMAA2. ISBN 3-540-54900-5 (print), 3-540-46471-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/BFb0085023/](http://link.springer.com/chapter/10.1007/BFb0085023).

**Gilles:1990:GBS**

- [Gil90] Christol Gilles. Globally bounded solutions of differential equations. *Lecture Notes in Mathematics*, 1434:45–64, 1990. CODEN LNMAA2. ISBN 3-540-52787-7 (print), 3-540-47147-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0097124/>.

**Gillet:1992:CAT**

- [Gil92] Henri Gillet. Comparing algebraic and topological  $K$ -theory. *Lecture Notes in Mathematics*, 1491:55–99, 1992. CODEN LNMAA2. ISBN 3-540-55007-0 (print), 3-540-46639-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0088879/>.

**Gill:1994:LSA**

- [Gil94] Richard D. Gill. Lectures on survival analysis. *Lecture Notes in Mathematics*, 1581:115–241, 1994. CODEN LNMAA2. ISBN 3-540-58208-8 (print), 3-540-48568-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073873/>.

**Gine:1997:DLT**

- [Gin97a] Evarist Gine. Decoupling and limit theorems for  $u$ -statistics and  $u$ -processes. *Lecture Notes in Mathematics*, 1665:1–35, 1997. CODEN LNMAA2. ISBN 3-540-63190-9 (print), 3-540-69210-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092618/>.

**Gine:1997:LSA**

- [Gin97b] Evarist Gine. Lectures on some aspects of the bootstrap. *Lecture Notes in Mathematics*, 1665:37–151, 1997. CODEN LNMAA2. ISBN 3-540-63190-9 (print), 3-540-69210-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092619/>.

**Gindikin:1998:RIG**

- [Gin98] Simon Gindikin. Real integral geometry and complex analysis. *Lecture Notes in Mathematics*, 1684:70–98, 1998. CODEN LNMAA2. ISBN 3-540-64207-2 (print), 3-540-69702-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096091/>.

**Giroux:1990:FGI**

- [Gir90] Emmanuel Giroux. Formes génératrices d’immersions lagrangiennes dans un espace cotangent. (French) []. *Lecture Notes in Mathematics*, 1416:139–145, 1990. CODEN LNMAA2. ISBN 3-540-52191-7 (print), 3-540-46920-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0097468/>.

**Git:1998:ASP**

- [Git98] Y. Git. Almost sure path properties of branching diffusion processes. *Lecture Notes in Mathematics*, 1686:108–127, 1998. CODEN LNMAA2. ISBN 3-540-64376-1 (print), 3-540-69762-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0101754/>.

**Ghoussoub:1991:OWF**

- [GJ91] N. Ghoussoub and W. B. Johnson. Operators which factor through Banach lattices not containing  $c_0$ . *Lecture Notes in Mathematics*, 1470:68–71, 1991. CODEN LNMAA2. ISBN 3-540-54206-X (print), 3-540-47493-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0090213/>.

**Goto:1990:SCU**

- [GK90] Kazuo Goto and Takeshi Kano. Some conditions on uniform distribution of monotone sequences. *Lecture Notes in Mathematics*, 1434:126–132, 1990. CODEN LNMAA2. ISBN 3-540-52787-7 (print), 3-540-47147-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0097128/>.

**Gohberg:1994:HOF**

- [GK94] I. Gohberg and M. A. Kaashoek. Holomorphic operator functions. *Lecture Notes in Mathematics*, 1573:179–210, 1994. CODEN LNMAA2. ISBN 3-540-57870-6 (print), 3-540-48367-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0100205/>.

**Grandits:1998:CSS**

- [GK98] Peter Grandits and Leszek Krawczyk. Closedness of some spaces of stochastic integrals. *Lecture Notes in Mathematics*, 1686:73–85, 1998. CODEN LNMAA2. ISBN 3-540-64376-1 (print), 3-

540-69762-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0101752/>.

**Gurarie:1991:RBS**

- [GKKL91] David Gurarie, Gerhard Kalisch, Mark Kon, and Edward Landesman. Radial bounds for Schrödinger operators in Euclidean domains. *Lecture Notes in Mathematics*, 1475:183–190, 1991. CODEN LNMAA2. ISBN 3-540-54120-9 (print), 3-540-47418-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083490/>.

**Graham:1996:FM**

- [GKM<sup>+</sup>96] Carl Graham, Thomas G. Kurtz, Sylvie Méléard, Philip E. Protter, Mario Pulvirenti, and Denis Talay. Front matter. *Lecture Notes in Mathematics*, 1627:??, 1996. CODEN LNMAA2. ISBN 3-540-61397-8 (print), 3-540-68513-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/content/pdf/bfm:978-3-540-68513-5/1.pdf>.

**Gohberg:1991:TVE**

- [GKW91] I. Gohberg, M. A. Kaashoek, and H. J. Woerdeman. Time variant extension problems of Nehari type and the band method. *Lecture Notes in Mathematics*, 1496:309–323, 1991. CODEN LNMAA2. ISBN 3-540-54949-8 (print), 3-540-46604-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084473/>.

**Garcia:1992:GCW**

- [GL92] Arnaldo García and R. F. Lax. Goppa codes and Weierstrass gaps. *Lecture Notes in Mathematics*, 1518:33–42, 1992. CODEN LNMAA2. ISBN 3-540-55651-6 (print), 3-540-47267-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0087991/>.

**Gliklikh:1992:SAG**

- [Gli92] Yu. E. Gliklikh. Stochastic analysis, groups of diffemorphisms and Lagrangian description of viscous incompressible fluid. *Lecture Notes in Mathematics*, 1520:1–18, 1992. CODEN LNMAA2. ISBN 3-540-55583-8 (print), 3-540-47223-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084712/>.

**Goldberg:1994:ESF**

- [GLO94] A. A. Goldberg, B. Ya. Levin, and I. V. Ostrovskii. Entire and subharmonic functions. *Lecture Notes in Mathematics*, 1574:295–338, 1994. CODEN LNMAA2. ISBN 3-540-57871-4 (print), 3-540-48368-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0101066/>.

**Groszek:1990:ICH**

- [GM90] Marcia Groszek and Michael Mytilinaios.  $\Sigma_2$ -induction and the construction of a high degree. *Lecture Notes in Mathematics*, 1432:205–221, 1990. CODEN LNMAA2. ISBN 3-540-52772-9 (print), 3-540-47142-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086119/>.

**Galtchouk:1997:WED**

- [GN97] Leonid I. Galtchouk and Alexandre A. Novikov. On Wald’s equation. Discrete time case. *Lecture Notes in Mathematics*, 1655:126–135, 1997. CODEN LNMAA2. ISBN 3-540-62634-4 (print), 3-540-68352-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0119299/>.

**Goldstein:1990:BCA**

- [Gol90] Richard Goldstein. Bounded cancellation of automorphisms of free products. *Lecture Notes in Mathematics*, 1440:81–89, 1990. CODEN LNMAA2. ISBN 3-540-52990-X (print), 3-540-46296-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084453/>.

**Goldsheid:1991:LEA**

- [Gol91a] I. Ya. Goldsheid. Lyapunov exponents and asymptotic behaviour of the product of random matrices. *Lecture Notes in Mathematics*, 1486:23–37, 1991. CODEN LNMAA2. ISBN 3-540-54662-6 (print), 3-540-46431-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086655/>.

**Golse:1991:PTN**

- [Gol91b] François Golse. Particle transport in nonhomogeneous media. *Lecture Notes in Mathematics*, 1460:152–170, 1991. CODEN

LNMAA2. ISBN 3-540-53545-4 (print), 3-540-46779-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0091366/>.

**Goldfeld:1994:SIW**

- [Gol94] Dorian Goldfeld. A spectral interpretation of Weil's explicit formula. *Lecture Notes in Mathematics*, 1593:135–152, 1994. CODEN LNMAA2. ISBN 3-540-58673-3 (print), 3-540-49041-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0074041/>.

**Goryunov:1991:IFP**

- [Gor91] V. V. Goryunov. The intersection form of a plane isolated line singularity. *Lecture Notes in Mathematics*, 1462:172–184, 1991. CODEN LNMAA2. ISBN 3-540-53737-6 (print), 3-540-47060-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086380/>.

**Gottsche:1994:CRR**

- [Göt94a] Lothar Göttsche. The chow ring of relative Hilbert schemes of projective bundles. *Lecture Notes in Mathematics*, 1572:145–183, 1994. CODEN LNMAA2. ISBN 3-540-57814-5 (print), 3-540-48338-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073495/>.

**Gottsche:1994:CBN**

- [Göt94b] Lothar Göttsche. Computation of the Betti numbers of Hilbert schemes. *Lecture Notes in Mathematics*, 1572:12–80, 1994. CODEN LNMAA2. ISBN 3-540-57814-5 (print), 3-540-48338-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073493/>.

**Gottsche:1994:FF**

- [Göt94c] Lothar Göttsche. Fundamental facts. *Lecture Notes in Mathematics*, 1572:1–11, 1994. CODEN LNMAA2. ISBN 3-540-57814-5 (print), 3-540-48338-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073492/>.

**Gottsche:1994:HSZ**

- [Göt94d] Lothar Göttsche. *Hilbert Schemes of Zero-Dimensional Subschemes of Smooth Varieties*, volume 1572 of *Lecture Notes*

*in Mathematics.* Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1994. CODEN LNMAA2. ISBN 3-540-57814-5 (print), 3-540-48338-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). x + 196 pp. LCCN QA3 .L28 no. 1572. URL <http://link.springer.com/book/10.1007/BFb0073491>; <http://www.springerlink.com/content/978-3-540-48338-0>.

Gottsche:1994:VSH

- [Göt94e] Lothar Göttsche. The varieties of second and higher order data. *Lecture Notes in Mathematics*, 1572:81–144, 1994. CODEN LNMAA2. ISBN 3-540-57814-5 (print), 3-540-48338-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073494/>.

Galdi:1991:FRN

- [GP91a] G. P. Galdi and M. Padula. Further results in the nonlinear stability of the magnetic Bénard problem. *Lecture Notes in Mathematics*, 1460:140–151, 1991. CODEN LNMAA2. ISBN 3-540-53545-4 (print), 3-540-46779-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0091365/>.

Gromov:1991:RLI

- [GP91b] M. Gromov and P. Pansu. Rigidity of lattices: an introduction. *Lecture Notes in Mathematics*, 1504:39–137, 1991. CODEN LNMAA2. ISBN 3-540-55017-8 (print), 3-540-46651-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094289/>.

Gurevich:1992:YBE

- [GR92] D. Gurevich and V. Rubtsov. Yang–Baxter equation and deformation of associative and Lie algebras. *Lecture Notes in Mathematics*, 1510:47–55, 1992. CODEN LNMAA2. ISBN 3-540-55305-3 (print), 3-540-47020-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0101177/>.

Grabner:1990:DER

- [Gra90a] Peter J. Grabner. On digit expansions with respect to second order linear recurring sequences. *Lecture Notes in Mathematics*, 1452:58–64, 1990. CODEN LNMAA2. ISBN 3-540-53408-3

(print), 3-540-46864-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096981/>.

**Gramain:1990:FEO**

- [Gra90b] François Gramain. Fonctions entières d'une ou plusieurs variables complexes prenant des valeurs entières sur une progression géométrique. (French) []. *Lecture Notes in Mathematics*, 1415: 123–137, 1990. CODEN LNMAA2. ISBN 3-540-52190-9 (print), 3-540-46919-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084883/>.

**Grangeat:1991:MFC**

- [Gra91a] Pierre Grangeat. Mathematical framework of cone beam 3D reconstruction via the first derivative of the Radon transform. *Lecture Notes in Mathematics*, 1497:66–97, 1991. CODEN LNMAA2. ISBN 3-540-54970-6 (print), 3-540-46615-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084509/>.

**Gray:1991:OES**

- [Gra91b] John W. Gray. Order-enriched sketches for typed lambda calculi. *Lecture Notes in Mathematics*, 1488:105–130, 1991. CODEN LNMAA2. ISBN 3-540-54706-1 (print), 3-540-46435-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084216/>.

**Graffi:1994:TCC**

- [Gra94] Sandro Graffi, editor. *Transition to Chaos in Classical and Quantum Mechanics: Lectures given at the 3rd Session of the Centro Internazionale Matematico Estivo (C.I.M.E.) held in Montecatini Terme, Italy, July 6–13, 1991*, volume 1589 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1994. CODEN LNMAA2. ISBN 3-540-58416-1 (print), 3-540-48782-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1589. URL <http://link.springer.com/book/10.1007/BFb0074073>; <http://www.springerlink.com/content/978-3-540-48782-1>.

**Graham:1996:SPA**

- [Gra96] Carl Graham. A statistical physics approach to large networks. *Lecture Notes in Mathematics*, 1627:127–147, 1996. CODEN

LNMAA2. ISBN 3-540-61397-8 (print), 3-540-68513-8 (e-book).  
 ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093179/>.

**Grandits:1999:SRB**

- [Gra99] Peter Grandits. Some remarks on  $L^\infty$ ,  $H^\infty$  and BMO. *Lecture Notes in Mathematics*, 1709:342–348, 1999. CODEN LNMAA2. ISBN 3-540-66342-8 (print), 3-540-48407-8 (e-book).  
 ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096524/>.

**Gorostiza:1990:PDP**

- [GRCW90] L. G. Gorostiza, S. Roelly-Coppoletta, and A. Wakolbinger. Sur la persistance du processus de Dawson–Watanabe stable. L’interversion de la limite en temps et de la renormalisation. (French) []. *Lecture Notes in Mathematics*, 1426:275–281, 1990. CODEN LNMAA2. ISBN 3-540-52694-3 (print), 3-540-47098-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083770/>.

**Greenlees:1990:PBH**

- [Gre90] J. P. C. Greenlees. The power of mod $P$  Borel homology. *Lecture Notes in Mathematics*, 1418:140–151, 1990. CODEN LNMAA2. ISBN 3-540-52246-8 (print), 3-540-46938-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083699/>.

**Greither:1992:CU**

- [Gre92a] Cornelius Greither. Calculations with units. *Lecture Notes in Mathematics*, 1534:67–76, 1992. CODEN LNMAA2. ISBN 3-540-56350-4 (print), 3-540-47539-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0089169/>.

**Greither:1992:CHT**

- [Gre92b] Cornelius Greither. Corestriction and Hilbert’s Theorem 90. *Lecture Notes in Mathematics*, 1534:55–66, 1992. CODEN LNMAA2. ISBN 3-540-56350-4 (print), 3-540-47539-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0089168/>.

**Greither:1992:CGE**

- [Gre92c] Cornelius Greither. *Cyclic Galois Extensions of Commutative Rings*, volume 1534 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1992. CODEN LNMAA2. ISBN 3-540-56350-4 (print), 3-540-47539-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). x + 145 pp. LCCN QA3 .L28 no. 1534. URL <http://link.springer.com/book/10.1007/BFb0089165>; <http://www.springerlink.com/content/978-3-540-47539-2>.

**Greither:1992:CGT**

- [Gre92d] Cornelius Greither. Cyclic Galois theory without the condition “ $p^{-1} \geq R$ ”. *Lecture Notes in Mathematics*, 1534:109–139, 1992. CODEN LNMAA2. ISBN 3-540-56350-4 (print), 3-540-47539-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0089172>.

**Greither:1992:CEI**

- [Gre92e] Cornelius Greither. Cyclic  $p$ -extensions and  $\text{ie}771$ --extensions of number fields. *Lecture Notes in Mathematics*, 1534:77–96, 1992. CODEN LNMAA2. ISBN 3-540-56350-4 (print), 3-540-47539-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0089170>.

**Greither:1992:CD**

- [Gre92f] Cornelius Greither. Cyclotomic descent. *Lecture Notes in Mathematics*, 1534:32–54, 1992. CODEN LNMAA2. ISBN 3-540-56350-4 (print), 3-540-47539-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0089167>.

**Greither:1992:GTCa**

- [Gre92g] Cornelius Greither. Galois theory of commutative rings. *Lecture Notes in Mathematics*, 1534:1–31, 1992. CODEN LNMAA2. ISBN 3-540-56350-4 (print), 3-540-47539-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0089166>.

**Greither:1992:GTCb**

- [Gre92h] Cornelius Greither. Geometric theory: cyclic extensions of finitely generated fields. *Lecture Notes in Mathematics*, 1534:97–108, 1992. CODEN LNMAA2. ISBN 3-540-56350-4 (print),

3-540-47539-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0089171/>.

**Green:1994:IMH**

- [Gre94] Mark L. Green. Infinitesimal methods in Hodge theory. *Lecture Notes in Mathematics*, 1594:1–92, 1994. CODEN LNMAA2. ISBN 3-540-58692-X (print), 3-540-49046-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-540-49046-3\\_1/](http://link.springer.com/chapter/10.1007/978-3-540-49046-3_1/).

**Greenberg:1999:ITE**

- [Gre99] Ralph Greenberg. Iwasawa theory for elliptic curves. *Lecture Notes in Mathematics*, 1716:51–144, 1999. CODEN LNMAA2. ISBN 3-540-66546-3 (print), 3-540-48160-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093453/>.

**Grimmett:1997:PDS**

- [Gri97] Geoffrey Grimmett. Percolation and disordered systems. *Lecture Notes in Mathematics*, 1665:153–300, 1997. CODEN LNMAA2. ISBN 3-540-63190-9 (print), 3-540-69210-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092620/>.

**Grorud:1990:CNS**

- [Gro90a] Axel Grorud. Un crochet non-symétrique en calcul stochastique anticipatif. (French) []. *Lecture Notes in Mathematics*, 1444:183–192, 1990. CODEN LNMAA2. ISBN 3-540-53064-9 (print), 3-540-46596-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083615/>.

**Groves:1990:RSH**

- [Gro90b] J. R. J. Groves. Rewriting systems and homology of groups. *Lecture Notes in Mathematics*, 1456:114–141, 1990. CODEN LNMAA2. ISBN 3-540-53475-X (print), 3-540-46900-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0100735/>.

**Gross:1993:LSI**

- [Gro93] Leonard Gross. Logarithmic Sobolev inequalities and contractivity properties of semigroups. *Lecture Notes in Mathematics*, 1563:

54–88, 1993. CODEN LNMAA2. ISBN 3-540-57421-2 (print), 3-540-48151-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0074091/>.

**Groeneboom:1996:LIP**

- [Gro96] Piet Groeneboom. Lectures on inverse problems. *Lecture Notes in Mathematics*, 1648:67–164, 1996. CODEN LNMAA2. ISBN 3-540-62055-9 (print), 3-540-49635-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0095675/>.

**Grosshans:1997:AHS**

- [Gro97a] Frank D. Grosshans. *Algebraic Homogeneous Spaces and Invariant Theory*, volume 1673 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1997. CODEN LNMAA2. ISBN 3-540-63628-5 (print), 3-540-69617-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). vi + 148 pp. LCCN QA3 .L28 no. 1673. URL <http://link.springer.com/book/10.1007/BFb0093525>; <http://www.springerlink.com/content/978-3-540-69617-9>.

**Grosshans:1997:C**

- [Gro97b] Frank D. Grosshans. Complexity. *Lecture Notes in Mathematics*, 1673:106–137, 1997. CODEN LNMAA2. ISBN 3-540-63628-5 (print), 3-540-69617-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093530/>.

**Grosshans:1997:E**

- [Gro97c] Frank D. Grosshans. Errata. *Lecture Notes in Mathematics*, 1673: e1–e2, 1997. CODEN LNMAA2. ISBN 3-540-63628-5 (print), 3-540-69617-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093531>.

**Grosshans:1997:I**

- [Gro97d] Frank D. Grosshans. Introduction. *Lecture Notes in Mathematics*, 1673:1–4, 1997. CODEN LNMAA2. ISBN 3-540-63628-5 (print), 3-540-69617-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/BFb0093526/](http://link.springer.com/chapter/10.1007/BFb0093526).

**Grosshans:1997:IMU**

- [Gro97e] Frank D. Grosshans. Invariants of maximal unipotent subgroups. *Lecture Notes in Mathematics*, 1673:71–105, 1997. CODEN LNMAA2. ISBN 3-540-63628-5 (print), 3-540-69617-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093529/>.

**Grosshans:1997:OS**

- [Gro97f] Frank D. Grosshans. Observable subgroups. *Lecture Notes in Mathematics*, 1673:5–32, 1997. CODEN LNMAA2. ISBN 3-540-63628-5 (print), 3-540-69617-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093527/>.

**Grosshans:1997:TP**

- [Gro97g] Frank D. Grosshans. The transfer principle. *Lecture Notes in Mathematics*, 1673:33–70, 1997. CODEN LNMAA2. ISBN 3-540-63628-5 (print), 3-540-69617-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093528/>.

**Grubb:1991:PPD**

- [Gru91a] Gerd Grubb. Parabolic pseudo-differential boundary problems and applications. *Lecture Notes in Mathematics*, 1495:46–117, 1991. CODEN LNMAA2. ISBN 3-540-54948-X (print), 3-540-46603-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085122/>.

**Grunbaum:1991:DTR**

- [Grü91b] F. Alberto Grünbaum. Diffuse tomography: a refined model. *Lecture Notes in Mathematics*, 1497:106–111, 1991. CODEN LNMAA2. ISBN 3-540-54970-6 (print), 3-540-46615-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084511/>.

**Grubb:1992:IVP**

- [Gru92] Gerd Grubb. Initial value problems for the Navier–Stokes equations with Neumann conditions. *Lecture Notes in Mathematics*, 1530:262–283, 1992. CODEN LNMAA2. ISBN 3-540-56261-3 (print), 3-540-47498-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0090347/>.

**Gasull:1990:BAD**

- [GS90a] A. Gasull and J. Sotomayor. On the basin of attraction of dissipative planar vector fields. *Lecture Notes in Mathematics*, 1455: 187–195, 1990. CODEN LNMAA2. ISBN 3-540-53509-8 (print), 3-540-46722-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085393/>.

**Gutierrez:1990:PLC**

- [GS90b] C. Gutiérrez and J. Sotomayor. Periodic lines of curvature bifurcating from Darbouxian umbilical connections. *Lecture Notes in Mathematics*, 1455:196–229, 1990. CODEN LNMAA2. ISBN 3-540-53509-8 (print), 3-540-46722-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085394/>.

**Gonchar:1993:MAT**

- [GS93] Andrei A. Gonchar and Edward B. Saff, editors. *Methods of Approximation Theory in Complex Analysis and Mathematical Physics: Leningrad, May 13–24, 1991*, volume 1550 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1993. CODEN LNMAA2. ISBN 3-540-56931-6 (print), 3-540-47792-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1550. URL <http://link.springer.com/book/10.1007/BFb0117469>; <http://www.springerlink.com/content/978-3-540-47792-1>.

**Galbiati:1990:RAA**

- [GT90] Margherita Galbiati and Alberto Tognoli, editors. *Real Analytic and Algebraic Geometry: Proceedings of the Conference held in Trento, Italy, October 3–7, 1988*, volume 1420 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1990. CODEN LNMAA2. ISBN 3-540-52313-8 (print), 3-540-46952-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1420. URL <http://link.springer.com/book/10.1007/BFb0083906>; <http://www.springerlink.com/content/978-3-540-46952-0>.

**Giblin:1991:LRR**

- [GT91] P. J. Giblin and F. Tari. Local reflexional and rotational symmetry in the plane. *Lecture Notes in Mathematics*, 1462:154–

171, 1991. CODEN LNMAA2. ISBN 3-540-53737-6 (print), 3-540-47060-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086379/>.

**Gamboa:1992:PPM**

- [GU92] J. M. Gamboa and C. Ueno. Proper polynomial maps: The real case. *Lecture Notes in Mathematics*, 1524:240–256, 1992. CODEN LNMAA2. ISBN 3-540-55992-2 (print), 3-540-47337-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084624/>.

**Gubeladze:1990:CAT**

- [Gub90] Joseph Gubeladze. Classical algebraic  $K$ -theory of monoid algebras. *Lecture Notes in Mathematics*, 1437:36–94, 1990. CODEN LNMAA2. ISBN 3-540-52836-9 (print), 3-540-47162-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086718/>.

**Gustafsson:1990:CPC**

- [Gus90] Ivar Gustafsson. A class of preconditioned conjugate gradient methods applied to finite element equations. *Lecture Notes in Mathematics*, 1457:44–57, 1990. CODEN LNMAA2. ISBN 3-540-53515-2 (print), 3-540-46746-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0090901/>.

**Gorenflo:1991:AIE**

- [GV91a] Rudolf Gorenflo and Sergio Vessella. *Abel Integral Equations: Analysis and Applications*, volume 1461 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1991. CODEN LNMAA2. ISBN 3-540-53668-X (print), 3-540-46949-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). viii + 215 pp. LCCN QA3 .L28 no. 1461. URL <http://link.springer.com/book/10.1007/BFb0084665>; <http://www.springerlink.com/content/978-3-540-46949-0>.

**Gorenflo:1991:ATA**

- [GV91b] Rudolf Gorenflo and Sergio Vessella. Applications of a transformed Abel integral equation. *Lecture Notes in Mathematics*, 1461:35–63, 1991. CODEN LNMAA2. ISBN 3-540-53668-X

(print), 3-540-46949-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084669/>.

**Gorenflo:1991:AAO**

[GV91c]

Rudolf Gorenflo and Sergio Vessella. Applications of Abel's original integral equation: Determination of potentials. *Lecture Notes in Mathematics*, 1461:26–34, 1991. CODEN LNMAA2. ISBN 3-540-53668-X (print), 3-540-46949-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084668/>.

**Gorenflo:1991:BTR**

[GV91d]

Rudolf Gorenflo and Sergio Vessella. Basic theory and representation formulas. *Lecture Notes in Mathematics*, 1461:8–25, 1991. CODEN LNMAA2. ISBN 3-540-53668-X (print), 3-540-46949-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084667/>.

**Gorenflo:1991:EUT**

[GV91e]

Rudolf Gorenflo and Sergio Vessella. Existence and uniqueness theorems. *Lecture Notes in Mathematics*, 1461:83–94, 1991. CODEN LNMAA2. ISBN 3-540-53668-X (print), 3-540-46949-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084671/>.

**Gorenflo:1991:ISL**

[GV91f]

Rudolf Gorenflo and Sergio Vessella. Illposedness and stabilization of linear Abel integral equations of first kind. *Lecture Notes in Mathematics*, 1461:154–181, 1991. CODEN LNMAA2. ISBN 3-540-53668-X (print), 3-540-46949-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084674/>.

**Gorenflo:1991:I**

[GV91g]

Rudolf Gorenflo and Sergio Vessella. Introduction. *Lecture Notes in Mathematics*, 1461:1–7, 1991. CODEN LNMAA2. ISBN 3-540-53668-X (print), 3-540-46949-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084666/>.

**Gorenflo:1991:NAI**

- [GV91h] Rudolf Gorenflo and Sergio Vessella. Nonlinear Abel integral equations of second kind. *Lecture Notes in Mathematics*, 1461:129–153, 1991. CODEN LNMAA2. ISBN 3-540-53668-X (print), 3-540-46949-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084673/>.

**Gorenflo:1991:NTF**

- [GV91i] Rudolf Gorenflo and Sergio Vessella. On numerical treatment of first kind Abel integral equations. *Lecture Notes in Mathematics*, 1461:182–194, 1991. CODEN LNMAA2. ISBN 3-540-53668-X (print), 3-540-46949-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084675/>.

**Gorenflo:1991:RBA**

- [GV91j] Rudolf Gorenflo and Sergio Vessella. Relations between Abel transform and other integral transforms. *Lecture Notes in Mathematics*, 1461:95–128, 1991. CODEN LNMAA2. ISBN 3-540-53668-X (print), 3-540-46949-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084672/>.

**Gorenflo:1991:SPA**

- [GV91k] Rudolf Gorenflo and Sergio Vessella. Smoothing properties of the Abel operators. *Lecture Notes in Mathematics*, 1461:64–82, 1991. CODEN LNMAA2. ISBN 3-540-53668-X (print), 3-540-46949-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084670/>.

**Goderis:1990:QCL**

- [GVV90] D. Goderis, A. Verbeure, and P. Vets. Quantum central limit and coarse graining. *Lecture Notes in Mathematics*, 1442:178–193, 1990. CODEN LNMAA2. ISBN 3-540-53026-6 (print), 3-540-46311-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085510/>.

**Gusein-Zade:1991:DEM**

- [GZ91] S. M. Gusein-Zade. On the degree of an equivariant map. *Lecture Notes in Mathematics*, 1462:185–193, 1991. CODEN LNMAA2. ISBN 3-540-53737-6 (print), 3-540-47060-3 (e-book).

ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086381/>.

**Hog-Angeloni:1990:HTC**

- [HA90a] Cynthia Hog-Angeloni. On the homotopy type of 2-complexes with a free product of cyclic groups as fundamental group. *Lecture Notes in Mathematics*, 1440:96–108, 1990. CODEN LNMAA2. ISBN 3-540-52990-X (print), 3-540-46296-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084455/>.

**Hog-Angeloni:1990:STP**

- [HA90b] Cynthia Hog-Angeloni. A short topological proof of Cohn’s theorem. *Lecture Notes in Mathematics*, 1440:90–95, 1990. CODEN LNMAA2. ISBN 3-540-52990-X (print), 3-540-46296-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084454/>.

**Hadeler:1999:RTS**

- [Had99] K. P. Hadeler. Reaction transport systems in biological modelling. *Lecture Notes in Mathematics*, 1714:95–150, 1999. CODEN LNMAA2. ISBN 3-540-66522-6 (print), 3-540-48170-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092376/>.

**Hajduk:1991:OGE**

- [Haj91] Bogusław Hajduk. On the obstruction group to existence of Riemannian metrics of positive scalar curvature. *Lecture Notes in Mathematics*, 1481:62–72, 1991. CODEN LNMAA2. ISBN 3-540-54728-2 (print), 3-540-46445-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083629/>.

**Hale:1991:DD**

- [Hal91] Jack K. Hale. Dynamics and delays. *Lecture Notes in Mathematics*, 1475:16–30, 1991. CODEN LNMAA2. ISBN 3-540-54120-9 (print), 3-540-47418-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083476/>.

**Hog-Angeloni:1990:BIO**

- [HALM90] Cynthia Hog-Angeloni, M. Paul Latiolais, and Wolfgang Metzler. Bias ideals and obstructions to simple-homotopy equivalence. *Lec-*

*Lecture Notes in Mathematics*, 1440:109–121, 1990. CODEN LNMAA2. ISBN 3-540-52990-X (print), 3-540-46296-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084456/>.

Hamenstadt:1991:CMP

- [Ham91] Ursula Hamenstädt. Compact manifolds with  $1/4$ -pinched negative curvature. *Lecture Notes in Mathematics*, 1481:73–78, 1991. CODEN LNMAA2. ISBN 3-540-54728-2 (print), 3-540-46445-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083630/>.

Hansen:1990:SSM

- [Han90] Vagn Lundsgaard Hansen. The space of self maps on the 2-sphere. *Lecture Notes in Mathematics*, 1425:40–47, 1990. CODEN LNMAA2. ISBN 3-540-52658-7 (print), 3-540-47091-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083829/>.

Han:1991:BCZ

- [Han91] Yongsheng Han.  $H^p$  boundedness of Calderón–Zygmund operators for product domains. *Lecture Notes in Mathematics*, 1494:54–67, 1991. CODEN LNMAA2. ISBN 3-540-54901-3 (print), 3-540-46474-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0087756/>.

Hansen:1992:DLV

- [Han92] Johan P. Hansen. Deligne–Lusztig varieties and group codes. *Lecture Notes in Mathematics*, 1518:63–81, 1992. CODEN LNMAA2. ISBN 3-540-55651-6 (print), 3-540-47267-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0087993/>.

Harase:1990:ADF

- [Har90a] Takashi Harase. Algebraic dependence of formal power series. *Lecture Notes in Mathematics*, 1434:133–137, 1990. CODEN LNMAA2. ISBN 3-540-52787-7 (print), 3-540-47147-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0097129/>.

**Harder:1990:SRE**

- [Har90b] Prof. Dr. Günter Harder. Some results on the Eisenstein cohomology of arithmetic subgroups of  $\mathrm{GL}_n$ . *Lecture Notes in Mathematics*, 1447:85–153, 1990. CODEN LNMAA2. ISBN 3-540-53422-9 (print), 3-540-46876-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085728/>.

**Harris:1990:PIH**

- [Har90c] Michael Harris. Period invariants of Hilbert modular forms, I: Trilinear differential operators and  $L$ -functions. *Lecture Notes in Mathematics*, 1447:155–202, 1990. CODEN LNMAA2. ISBN 3-540-53422-9 (print), 3-540-46876-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085729/>.

**Harder:1993:AGM**

- [Har93a] Günter Harder. Andersons gemischte Motive. (German) [Anderson's mixed motives]. *Lecture Notes in Mathematics*, 1562:103–142, 1993. CODEN LNMAA2. ISBN 3-540-57408-5 (print), 3-540-48135-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0090309/>.

**Harder:1993:BG**

- [Har93b] Günter Harder. Die Beispiele. (German) [The examples]. *Lecture Notes in Mathematics*, 1562:70–102, 1993. CODEN LNMAA2. ISBN 3-540-57408-5 (print), 3-540-48135-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0090308/>.

**Harder:1993:BDV**

- [Har93c] Günter Harder. Die Beilinson–Deligne–Vermutungen. (German) [The Beilinson–Deligne conjectures]. *Lecture Notes in Mathematics*, 1562:1–30, 1993. CODEN LNMAA2. ISBN 3-540-57408-5 (print), 3-540-48135-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0090306/>.

**Harder:1993:KSV**

- [Har93d] Günter Harder. Die Kohomologie von Shimura-Varietäten. (German) [The cohomology of Shimura varieties]. *Lecture Notes in*

*Mathematics*, 1562:31–69, 1993. CODEN LNMAA2. ISBN 3-540-57408-5 (print), 3-540-48135-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0090307/>.

**Harder:1993:EKG**

[Har93e]

Günter Harder. *Eisensteinkohomologie und die Konstruktion gemischter Motive. (German) [Eisenstein cohomology and the construction of mixed designs]*, volume 1562 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1993. CODEN LNMAA2. ISBN 3-540-57408-5 (print), 3-540-48135-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). xx + 184 pp. LCCN QA3 .L28 no. 1562. URL <http://link.springer.com/book/10.1007/BFb0090305>; <http://www.springerlink.com/content/978-3-540-48135-5>.

**Hartfiel:1998:BMS**

[Har98a]

Darald J. Hartfiel. Behavior in Markov set-chains. *Lecture Notes in Mathematics*, 1695:91–113, 1998. CODEN LNMAA2. ISBN 3-540-64775-9 (print), 3-540-68711-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094591/>.

**Hartfiel:1998:CMS**

[Har98b]

Darald J. Hartfiel. Convergence of Markov set-chains. *Lecture Notes in Mathematics*, 1695:59–89, 1998. CODEN LNMAA2. ISBN 3-540-64775-9 (print), 3-540-68711-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094590/>.

**Hartfiel:1998:I**

[Har98c]

Darald J. Hartfiel. Introduction. *Lecture Notes in Mathematics*, 1695:1–2, 1998. CODEN LNMAA2. ISBN 3-540-64775-9 (print), 3-540-68711-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094587>.

**Hartfiel:1998:IMS**

[Har98d]

Darald J. Hartfiel. Introduction to Markov set-chains. *Lecture Notes in Mathematics*, 1695:27–57, 1998. CODEN LNMAA2. ISBN 3-540-64775-9 (print), 3-540-68711-4 (e-book).

ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094589/>.

**Hartfiel:1998:MSC**

- [Har98e] Darald J. Hartfiel. *Markov Set-Chains*, volume 1695 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1998. CODEN LNMAA2. ISBN 3-540-64775-9 (print), 3-540-68711-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). viii + 131 pp. LCCN QA3 .L28 no. 1695. URL <http://link.springer.com/book/10.1007/BFb0094586>; <http://www.springerlink.com/content/978-3-540-68711-5>.

**Hartfiel:1998:SMT**

- [Har98f] Darald J. Hartfiel. Stochastic matrices and their variants. *Lecture Notes in Mathematics*, 1695:3–25, 1998. CODEN LNMAA2. ISBN 3-540-64775-9 (print), 3-540-68711-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/BFb0094588/](http://link.springer.com/chapter/10.1007/BFb0094588).

**Hausmann:1991:TBA**

- [Hau91] Jean-Claude Hausmann. Sur la topologie des bras articulés. (French) []. *Lecture Notes in Mathematics*, 1474:146–159, 1991. CODEN LNMAA2. ISBN 3-540-54098-9 (print), 3-540-47403-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/BFb0084743/](http://link.springer.com/chapter/10.1007/BFb0084743).

**Hazod:1993:DSC**

- [Haz93] W. Hazod. On different stability-concepts for probabilities on groups. *Lecture Notes in Mathematics*, 1546:33–44, 1993. CODEN LNMAA2. ISBN 3-540-56744-5 (print), 3-540-47645-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/BFb0084480/](http://link.springer.com/chapter/10.1007/BFb0084480).

**Hineva:1991:MHL**

- [HB91] Stefana Hineva and Evgeni Belchev. On the minimal hypersurfaces of a locally symmetric manifold. *Lecture Notes in Mathematics*, 1481:1–4, 1991. CODEN LNMAA2. ISBN 3-540-54728-2 (print), 3-540-46445-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/BFb0083622/](http://link.springer.com/chapter/10.1007/BFb0083622).

**Hebey:1996:BCP**

- [Heb96a] Emmanuel Hebey. The best constants problems. *Lecture Notes in Mathematics*, 1635:58–89, 1996. CODEN LNMAA2. ISBN 3-540-61722-1 (print), 3-540-69993-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092911/>.

**Hebey:1996:GP**

- [Heb96b] Emmanuel Hebey. Geometric preliminaries. *Lecture Notes in Mathematics*, 1635:1–9, 1996. CODEN LNMAA2. ISBN 3-540-61722-1 (print), 3-540-69993-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092908/>.

**Hebey:1996:SE**

- [Heb96c] Emmanuel Hebey. Sobolev embeddings. *Lecture Notes in Mathematics*, 1635:17–57, 1996. CODEN LNMAA2. ISBN 3-540-61722-1 (print), 3-540-69993-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092910/>.

**Hebey:1996:SS**

- [Heb96d] Emmanuel Hebey. Sobolev spaces. *Lecture Notes in Mathematics*, 1635:10–16, 1996. CODEN LNMAA2. ISBN 3-540-61722-1 (print), 3-540-69993-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092909/>.

**Hebey:1996:SSP**

- [Heb96e] Emmanuel Hebey. Sobolev spaces in the presence of symmetries. *Lecture Notes in Mathematics*, 1635:90–105, 1996. CODEN LNMAA2. ISBN 3-540-61722-1 (print), 3-540-69993-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092912/>.

**Hebey:1996:SSR**

- [Heb96f] Emmanuel Hebey. *Sobolev Spaces on Riemannian Manifolds*, volume 1635 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1996. CODEN LNMAA2. ISBN 3-540-61722-1 (print), 3-540-69993-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). x + 116 pp. LCCN QA3 .L28 no. 1635. URL <http://link.springer.com/chapter/10.1007/BFb0092912/>.

//link.springer.com/book/10.1007/BFb0092907; http://www.springerlink.com/content/978-3-540-69993-4.

**Heck:1998:HDS**

- [Hec98] Matthias K. Heck. Homogeneous diffusions on the Sierpiński gasket. *Lecture Notes in Mathematics*, 1686:86–107, 1998. CODEN LNMAA2. ISBN 3-540-64376-1 (print), 3-540-69762-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0101753/>.

**Hegerfeldt:1990:OPQ**

- [Heg90] Gerhard C. Hegerfeldt. An open problem in quantum shot noise. *Lecture Notes in Mathematics*, 1442:194–203, 1990. CODEN LNMAA2. ISBN 3-540-53026-6 (print), 3-540-46311-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085511/>.

**Hegenbarth:1992:NBL**

- [Heg92] Friedrich Hegenbarth. A note on the Brauer lift map. *Lecture Notes in Mathematics*, 1509:139–145, 1992. CODEN LNMAA2. ISBN 3-540-55195-6 (print), 3-540-46772-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0087508/>.

**Helton:1991:TTS**

- [Hel91] J. William Helton. Two topics in systems engineering: Frequency domain design and nonlinear systems. *Lecture Notes in Mathematics*, 1496:106–140, 1991. CODEN LNMAA2. ISBN 3-540-54949-8 (print), 3-540-46604-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084468/>.

**Helemskii:1992:THA**

- [Hel92] A. Ya. Helemskii. From topological homology: algebras with different properties of homological triviality. *Lecture Notes in Mathematics*, 1520:19–40, 1992. CODEN LNMAA2. ISBN 3-540-55583-8 (print), 3-540-47223-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084713/>.

**Helgason:1998:RTW**

- [Hel98] Sigurdur Helgason. Radon transforms and wave equations. *Lecture Notes in Mathematics*, 1684:99–121, 1998. CODEN LN-

MAA2. ISBN 3-540-64207-2 (print), 3-540-69702-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096092/>.

**Hennequin:1990:EEP**

- [Hen90a] Paul-Louis Hennequin, editor. *École d'Été de Probabilités de Saint-Flour XVIII — 1988. (French) []*, volume 1427 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1990. CODEN LNMAA2. ISBN 3-540-53508-X (print), 3-540-46718-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1427. URL <http://link.springer.com/book/10.1007/BFb0103040>; <http://www.springerlink.com/content/978-3-540-46718-2>.

**Henniart:1990:CTD**

- [Hen90b] Guy Henniart. Une conséquence de la théorie du changement de base pour  $GL(n)$ . (French) []. *Lecture Notes in Mathematics*, 1434:138–142, 1990. CODEN LNMAA2. ISBN 3-540-52787-7 (print), 3-540-47147-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0097130/>.

**Henstock:1990:IID**

- [Hen90c] Ralph Henstock. Integration in infinite-dimensional spaces. *Lecture Notes in Mathematics*, 1419:54–65, 1990. CODEN LNMAA2. ISBN 3-540-52322-7 (print), 3-540-46955-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083099/>.

**Henstock:1990:INI**

- [Hen90d] Ralph Henstock. Introduction to the new integrals. *Lecture Notes in Mathematics*, 1419:7–9, 1990. CODEN LNMAA2. ISBN 3-540-52322-7 (print), 3-540-46955-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083094/>.

**Hensz:1990:MOE**

- [Hen90e] Ewa Hensz. A method of operator estimation and a strong law of large numbers in von Neumann algebras. *Lecture Notes in Mathematics*, 1442:204–210, 1990. CODEN LNMAA2. ISBN 3-540-53026-6 (print), 3-540-46311-9 (e-book). ISSN 0075-8434

(print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085512/>.

**Henri:1991:EET**

- [Hen91] Cornille Henri. Exact exponential type solutions to the discrete Boltzmann models. *Lecture Notes in Mathematics*, 1460: 70–86, 1991. CODEN LNMAA2. ISBN 3-540-53545-4 (print), 3-540-46779-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0091362/>.

**Hennequin:1992:EEP**

- [Hen92] Paul Louis Hennequin, editor. *École d'Été de Probabilités de Saint-Flour XX — 1990. (French) []*, volume 1527 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1992. CODEN LNMAA2. ISBN 3-540-56250-8 (print), 3-540-47490-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1527. URL <http://link.springer.com/book/10.1007/BFb0084696>; <http://www.springerlink.com/content/978-3-540-47490-6>.

**Hennequin:1993:EEP**

- [Hen93] Paul-Louis Hennequin, editor. *École d'Été de Probabilités de Saint-Flour XXI — 1991. (French) []*, volume 1541 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1993. CODEN LNMAA2. ISBN 3-540-56622-8 (print), 3-540-47608-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1541. URL <http://link.springer.com/book/10.1007/BFb0084189>; <http://www.springerlink.com/content/978-3-540-47608-5>.

**Herrlich:1990:NET**

- [Her90a] Frank Herrlich. The nonarchimedean extended Teichmüller space. *Lecture Notes in Mathematics*, 1454:256–266, 1990. CODEN LNMAA2. ISBN 3-540-53477-6 (print), 3-540-46906-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0091143/>.

**Herzog:1990:HAS**

- [Her90b] Jürgen Herzog. A homological approach to symbolic powers. *Lecture Notes in Mathematics*, 1430:32–46, 1990. CODEN LNMAA2. ISBN 3-540-52745-1 (print), 3-540-47136-7 (e-book).

ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085535/>.

**Herzog:1994:BL**

- [Her94a] Bernd Herzog. Basic lemmas. *Lecture Notes in Mathematics*, 1597:18–29, 1994. CODEN LNMAA2. ISBN 3-540-58790-X (print), 3-540-49103-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0074028/>.

**Herzog:1994:DB**

- [Her94b] Bernd Herzog. Distinguished bases. *Lecture Notes in Mathematics*, 1597:59–75, 1994. CODEN LNMAA2. ISBN 3-540-58790-X (print), 3-540-49103-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0074031/>.

**Herzog:1994:FF**

- [Her94c] Bernd Herzog. Flatifying filtrations. *Lecture Notes in Mathematics*, 1597:91–100, 1994. CODEN LNMAA2. ISBN 3-540-58790-X (print), 3-540-49103-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0074033/>.

**Herzog:1994:HS**

- [Her94d] Bernd Herzog. Hilbert series. *Lecture Notes in Mathematics*, 1597:76–90, 1994. CODEN LNMAA2. ISBN 3-540-58790-X (print), 3-540-49103-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0074032/>.

**Herzog:1994:IRF**

- [Her94e] Bernd Herzog. Inequalities related with flat couples of local rings. *Lecture Notes in Mathematics*, 1597:127–142, 1994. CODEN LNMAA2. ISBN 3-540-58790-X (print), 3-540-49103-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0074035/>.

**Herzog:1994:KSMa**

- [Her94f] Bernd Herzog. Kodaira–Spencer maps. *Lecture Notes in Mathematics*, 1597:101–126, 1994. CODEN LNMAA2. ISBN 3-540-58790-X (print), 3-540-49103-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0074034/>.

**Herzog:1994:KSMb**

- [Her94g] Bernd Herzog. *Kodaira–Spencer Maps in Local Algebra*, volume 1597 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1994. CODEN LNMAA2. ISBN 3-540-58790-X (print), 3-540-49103-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). xviii + 176 pp. LCCN QA3 .L28 no. 1597. URL <http://link.springer.com/book/10.1007/BFb0074026>; <http://www.springerlink.com/content/978-3-540-49103-3>.

**Herzog:1994:LRH**

- [Her94h] Bernd Herzog. On the local rings of the Hilbert scheme. *Lecture Notes in Mathematics*, 1597:143–170, 1994. CODEN LNMAA2. ISBN 3-540-58790-X (print), 3-540-49103-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0074036>.

**Herzog:1994:RFb**

- [Her94i] Bernd Herzog. Relation to flatness. *Lecture Notes in Mathematics*, 1597:48–58, 1994. CODEN LNMAA2. ISBN 3-540-58790-X (print), 3-540-49103-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0074030>.

**Herzog:1994:RFa**

- [Her94j] Bernd Herzog. Ring filtrations. *Lecture Notes in Mathematics*, 1597:1–17, 1994. CODEN LNMAA2. ISBN 3-540-58790-X (print), 3-540-49103-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0074027>.

**Herzog:1994:TFU**

- [Her94k] Bernd Herzog. Tangential flatness under base change. *Lecture Notes in Mathematics*, 1597:30–47, 1994. CODEN LNMAA2. ISBN 3-540-58790-X (print), 3-540-49103-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0074029>.

**Heywood:1990:OPT**

- [Hey90] John G. Heywood. Open problems in the theory of the Navier–Stokes equations for viscous incompressible flow. *Lecture Notes in Mathematics*, 1431:1–22, 1990. CODEN LNMAA2. ISBN

3-540-52770-2 (print), 3-540-47141-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086051/>.

**Heyer:1993:FLT**

- [Hey93] Herbert Heyer. Functional limit theorems for random walks on one-dimensional hypergroups. *Lecture Notes in Mathematics*, 1546:45–57, 1993. CODEN LNMAA2. ISBN 3-540-56744-5 (print), 3-540-47645-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084481/>.

**Heindorf:1994:FBA**

- [HFS94a] Lutz Heindorf, Sakaé Fuchino, and Leonid B. Shapiro.  $\sigma$ -filtered Boolean algebras. *Lecture Notes in Mathematics*, 1596:97–109, 1994. CODEN LNMAA2. ISBN 3-540-58787-X (print), 3-540-49101-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094108/>.

**Heindorf:1994:F**

- [HFS94b] Lutz Heindorf, Sakaé Fuchino, and Leonid B. Shapiro. Functors. *Lecture Notes in Mathematics*, 1596:69–96, 1994. CODEN LNMAA2. ISBN 3-540-58787-X (print), 3-540-49101-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094107/>.

**Heindorf:1994:I**

- [HFS94c] Lutz Heindorf, Sakaé Fuchino, and Leonid B. Shapiro. Introduction. *Lecture Notes in Mathematics*, 1596:1–10, 1994. CODEN LNMAA2. ISBN 3-540-58787-X (print), 3-540-49101-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094104/>.

**Heindorf:1994:RFB**

- [HFS94d] Lutz Heindorf, Sakaé Fuchino, and Leonid B. Shapiro.  $\sigma$ -filtered Boolean algebras. *Lecture Notes in Mathematics*, 1596:37–68, 1994. CODEN LNMAA2. ISBN 3-540-58787-X (print), 3-540-49101-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094106/>.

**Heindorf:1994:SS**

- [HFS94e] Lutz Heindorf, Sakaé Fuchino, and Leonid B. Shapiro. Setting the stage. *Lecture Notes in Mathematics*, 1596:11–35, 1994. CODEN LNMAA2. ISBN 3-540-58787-X (print), 3-540-49101-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094105/>.

**Heindorf:1994:TEA**

- [HFS94f] Lutz Heindorf, Sakaé Fuchino, and Leonid B. Shapiro. The twisted embedding and its applications. *Lecture Notes in Mathematics*, 1596:147–163, 1994. CODEN LNMAA2. ISBN 3-540-58787-X (print), 3-540-49101-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094110/>.

**Heindorf:1994:WPR**

- [HFS94g] Lutz Heindorf, Sakaé Fuchino, and Leonid B. Shapiro. Weakly projective and regularly filtered algebras. *Lecture Notes in Mathematics*, 1596:111–145, 1994. CODEN LNMAA2. ISBN 3-540-58787-X (print), 3-540-49101-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094109/>.

**Horie:1990:EIC**

- [HH90] Kuniaki Horie and Mitsuko Horie. On the exponents of ideal class groups of cm-fields. *Lecture Notes in Mathematics*, 1434:143–148, 1990. CODEN LNMAA2. ISBN 3-540-52787-7 (print), 3-540-47147-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0097131/>.

**Hamada:1992:CSM**

- [HH92] Noboru Hamada and Tor Helleseth. On a characterization of some minihypers in  $\text{PG}(t, q)$  ( $q = 3$  or  $4$ ) and its applications to error-correcting codes. *Lecture Notes in Mathematics*, 1518:43–62, 1992. CODEN LNMAA2. ISBN 3-540-55651-6 (print), 3-540-47267-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0087992/>.

**Higman:1990:TCG**

- [Hig90] Graham Higman. Transversals and conjugacy in the group of recursive permutations. *Lecture Notes in Mathematics*, 1456:142–

160, 1990. CODEN LNMAA2. ISBN 3-540-53475-X (print), 3-540-46900-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0100736/>.

**Hindry:1998:IAV**

- [Hin98] Marc Hindry. Introduction to abelian varieties and the Mordell–Lang conjecture. *Lecture Notes in Mathematics*, 1696:85–100, 1998. CODEN LNMAA2. ISBN 3-540-64863-1 (print), 3-540-68521-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-540-68521-0\\_5/](http://link.springer.com/chapter/10.1007/978-3-540-68521-0_5/).

**Hitchin:1990:GTM**

- [Hit90] N. J. Hitchin. The geometry and topology of moduli spaces. *Lecture Notes in Mathematics*, 1451:1–48, 1990. CODEN LNMAA2. ISBN 3-540-53286-2 (print), 3-540-46813-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085064/>.

**Hitczenko:1991:RPM**

- [Hit91] Paweł Hitczenko. A remark on the paper “Martingale inequalities in rearrangement invariant function spaces” by W. B. Johnson and G. Schechtman. *Lecture Notes in Mathematics*, 1470: 177–182, 1991. CODEN LNMAA2. ISBN 3-540-54206-X (print), 3-540-47493-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0090221/>.

**Hill:1992:CGM**

- [HK92] Theodore P. Hill and Ulrich Krengel. On the construction of generalized measure preserving transformations with given marginals. *Lecture Notes in Mathematics*, 1514:114–123, 1992. CODEN LNMAA2. ISBN 3-540-55444-0 (print), 3-540-47076-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0097531/>.

**Hopkins:1992:MTC**

- [HKR92] Michael J. Hopkins, Nicholas J. Kuhn, and Douglas C. Ravenel. Morava  $K$ -theories of classifying spaces and generalized characters for finite groups. *Lecture Notes in Mathematics*, 1509:186–209, 1992. CODEN LNMAA2. ISBN 3-540-55195-6 (print), 3-540-46772-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic).

tronic). URL <http://link.springer.com/chapter/10.1007/BFb0087510/>.

**Hayat-Legrand:1992:CHA**

- [HL92] Claude Hayat-Legrand. Classes homotopiques associées à une  $G$ -opération. (French) []. *Lecture Notes in Mathematics*, 1509: 134–138, 1992. CODEN LNMAA2. ISBN 3-540-55195-6 (print), 3-540-46772-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0087507/>.

**Hlawka:1990:NBM**

- [Hla90] Edmund Hlawka. Näherungsformeln zur Berechnung von mehrfachen Integralen mit Anwendungen auf die Berechnungen von Potentialen, Induktionskoeffizienten und Lösungen von Gleichungssystemen. (German) [Approximation formulas for the calculation of multiple integrals with applications to the calculation of potentials, induction coefficients, and solutions of equation systems]. *Lecture Notes in Mathematics*, 1452:65–111, 1990. CODEN LNMAA2. ISBN 3-540-53408-3 (print), 3-540-46864-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096982/>.

**Herman:1991:MMT**

- [HLN91] Gabor T. Herman, Alfred K. Louis, and Frank Natterer, editors. *Mathematical Methods in Tomography: Proceedings of a Conference held in Oberwolfach, Germany, 5–11 June, 1990*, volume 1497 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1991. CODEN LNMAA2. ISBN 3-540-54970-6 (print), 3-540-46615-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1497. URL <http://link.springer.com/book/10.1007/BFb0084502>; <http://www.springerlink.com/content/978-3-540-46615-4>.

**Hatcher:1990:FPM**

- [HM90] Allen Hatcher and Darryl McCullough. Finite presentation of 3-manifold mapping class groups. *Lecture Notes in Mathematics*, 1425:48–57, 1990. CODEN LNMAA2. ISBN 3-540-52658-7 (print), 3-540-47091-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083830/>.

**Hauser:1991:ADP**

- [HM91] Herwig Hauser and Gerd Müller. Automorphisms of direct products of algebroid spaces. *Lecture Notes in Mathematics*, 1462:194–198, 1991. CODEN LNMAA2. ISBN 3-540-53737-6 (print), 3-540-47060-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086382/>.

**Helson:1992:CS**

- [HM92] Henry Helson and John E. McCarthy. Continuity of seminorms. *Lecture Notes in Mathematics*, 1511:88–90, 1992. CODEN LNMAA2. ISBN 3-540-55365-7 (print), 3-540-47041-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093800/>.

**Hino:1991:EPS**

- [HMN91a] Yoshiyuki Hino, Satoru Murakami, and Toshiki Naito. Existence of periodic solutions and almost periodic solutions. *Lecture Notes in Mathematics*, 1473:254–276, 1991. CODEN LNMAA2. ISBN 3-540-54084-9 (print), 3-540-47388-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084441/>.

**Hino:1991:FMS**

- [HMN91b] Yoshiyuki Hino, Satoru Murakami, and Toshiki Naito. Fading memory spaces and functional differential equations. *Lecture Notes in Mathematics*, 1473:187–214, 1991. CODEN LNMAA2. ISBN 3-540-54084-9 (print), 3-540-47388-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084439/>.

**Hino:1991:FDE**

- [HMN91c] Yoshiyuki Hino, Satoru Murakami, and Toshiki Naito. *Functional Differential Equations with Infinite Delay*, volume 1473 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1991. CODEN LNMAA2. ISBN 3-540-54084-9 (print), 3-540-47388-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). x + 317 pp. LCCN QA3 .L28 no. 1473. URL <http://link.springer.com/book/10.1007/BFb0084432>; <http://www.springerlink.com/content/978-3-540-47388-6>.

**Hino:1991:FT**

- [HMN91d] Yoshiyuki Hino, Satoru Murakami, and Toshiki Naito. Fundamental theorems. *Lecture Notes in Mathematics*, 1473:35–52, 1991. CODEN LNMAA2. ISBN 3-540-54084-9 (print), 3-540-47388-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084434/>.

**Hino:1991:GLS**

- [HMN91e] Yoshiyuki Hino, Satoru Murakami, and Toshiki Naito. General linear systems. *Lecture Notes in Mathematics*, 1473:99–129, 1991. CODEN LNMAA2. ISBN 3-540-54084-9 (print), 3-540-47388-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084436/>.

**Hino:1991:LAS**

- [HMN91f] Yoshiyuki Hino, Satoru Murakami, and Toshiki Naito. Linear autonomous systems. *Lecture Notes in Mathematics*, 1473:130–176, 1991. CODEN LNMAA2. ISBN 3-540-54084-9 (print), 3-540-47388-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084437/>.

**Hino:1991:LPS**

- [HMN91g] Yoshiyuki Hino, Satoru Murakami, and Toshiki Naito. Linear periodic systems. *Lecture Notes in Mathematics*, 1473:177–186, 1991. CODEN LNMAA2. ISBN 3-540-54084-9 (print), 3-540-47388-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084438/>.

**Hino:1991:PS**

- [HMN91h] Yoshiyuki Hino, Satoru Murakami, and Toshiki Naito. Phase spaces. *Lecture Notes in Mathematics*, 1473:1–34, 1991. CODEN LNMAA2. ISBN 3-540-54084-9 (print), 3-540-47388-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084433/>.

**Hino:1991:SPS**

- [HMN91i] Yoshiyuki Hino, Satoru Murakami, and Toshiki Naito. Stabilities in perturbed systems and limiting equations. *Lecture Notes in Mathematics*, 1473:215–253, 1991. CODEN LNMAA2. ISBN 3-540-54084-9 (print), 3-540-47388-2 (e-book). ISSN 0075-8434

(print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084440/>.

**Hino:1991:SIL**

- [HMN91j] Yoshiyuki Hino, Satoru Murakami, and Toshiki Naito. Stieltjes integrals and linear operators on  $\mathcal{B}$ . *Lecture Notes in Mathematics*, 1473:53–98, 1991. CODEN LNMAA2. ISBN 3-540-54084-9 (print), 3-540-47388-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084435/>.

**Heywood:1990:NSE**

- [HMRS90] John G. Heywood, Kyûya Masuda, Reimund Rautmann, and Vsevolod A. Solonnikov, editors. *The Navier–Stokes Equations Theory and Numerical Methods: Proceedings of a Conference held at Oberwolfach, FRG, Sept. 18–24, 1988*, volume 1431 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1990. CODEN LNMAA2. ISBN 0-387-52770-2, 3-540-52770-2 (print), 3-540-47141-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1431; QA3 .L35 v.1431. URL <http://link.springer.com/book/10.1007/BFb0086050>; <http://www.springerlink.com/content/978-3-540-47141-7>.

**Heywood:1992:NSE**

- [HMRS92] John G. Heywood, Kyûya Masuda, Reimund Rautmann, and Vsevolod A. Solonnikov, editors. *The Navier–Stokes Equations II — Theory and Numerical Methods: Proceedings of a Conference held in Oberwolfach, Germany, August 18–24, 1991*, volume 1530 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1992. CODEN LNMAA2. ISBN 0-387-56261-3, 3-540-56261-3 (print), 3-540-47498-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1530; QA3 .L35 v.1530. URL <http://link.springer.com/book/10.1007/BFb0090329>; <http://www.springerlink.com/content/978-3-540-47498-2>.

**Huo:1994:QPS**

- [HMS94] Y. Huo, I. Müller, and S. Seelcke. Quasiplasticity and pseudoelasticity in shape memory alloys. *Lecture Notes in Mathematics*, 1584:87–146, 1994. CODEN LNMAA2. ISBN 3-540-58386-6 (print), 3-540-48678-X (e-book). ISSN 0075-8434 (print), 1617-

9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073396/>.

**Hilgert:1993:AOS**

- [HN93a] Joachim Hilgert and Karl-Hermann Neeb. Applications of ordered spaces to Lie semigroups. *Lecture Notes in Mathematics*, 1552:148–161, 1993. CODEN LNMAA2. ISBN 3-540-56954-5 (print), 3-540-69987-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084645/>.

**Hilgert:1993:CS**

- [HN93b] Joachim Hilgert and Karl-Hermann Neeb. Compression semigroups. *Lecture Notes in Mathematics*, 1552:202–253, 1993. CODEN LNMAA2. ISBN 3-540-56954-5 (print), 3-540-69987-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084648/>.

**Hilgert:1993:E**

- [HN93c] Joachim Hilgert and Karl-Hermann Neeb. Examples. *Lecture Notes in Mathematics*, 1552:47–79, 1993. CODEN LNMAA2. ISBN 3-540-56954-5 (print), 3-540-69987-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084642/>.

**Hilgert:1993:GTL**

- [HN93d] Joachim Hilgert and Karl-Hermann Neeb. Geometry and topology of Lie semigroups. *Lecture Notes in Mathematics*, 1552:80–112, 1993. CODEN LNMAA2. ISBN 3-540-56954-5 (print), 3-540-69987-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084643/>.

**Hilgert:1993:ICO**

- [HN93e] Joachim Hilgert and Karl-Hermann Neeb. Invariant cones and Ol'shanskii semigroups. *Lecture Notes in Mathematics*, 1552:177–201, 1993. CODEN LNMAA2. ISBN 3-540-56954-5 (print), 3-540-69987-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084647/>.

**Hilgert:1993:LSTb**

- [HN93f] Joachim Hilgert and Karl-Hermann Neeb. *Lie Semigroups and their Applications*, volume 1552 of *Lecture Notes in Mathematics*.

Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1993. CODEN LNMAA2. ISBN 3-540-56954-5 (print), 3-540-69987-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). xii + 315 pp. LCCN QA3 .L28 no. 1552. URL <http://link.springer.com/book/10.1007/BFb0084640>; <http://www.springerlink.com/content/978-3-540-69987-3>.

**Hilgert:1993:LSta**

[HN93g]

Joachim Hilgert and Karl-Hermann Neeb. Lie semigroups and their tangent wedges. *Lecture Notes in Mathematics*, 1552:1–46, 1993. CODEN LNMAA2. ISBN 3-540-56954-5 (print), 3-540-69987-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084641>.

**Hilgert:1993:MSG**

[HN93h]

Joachim Hilgert and Karl-Hermann Neeb. Maximal semigroups in groups with cocompact radical. *Lecture Notes in Mathematics*, 1552:162–176, 1993. CODEN LNMAA2. ISBN 3-540-56954-5 (print), 3-540-69987-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084646>.

**Hilgert:1993:OHS**

[HN93i]

Joachim Hilgert and Karl-Hermann Neeb. Ordered homogeneous spaces. *Lecture Notes in Mathematics*, 1552:113–147, 1993. CODEN LNMAA2. ISBN 3-540-56954-5 (print), 3-540-69987-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084644>.

**Hilgert:1993:RT**

[HN93j]

Joachim Hilgert and Karl-Hermann Neeb. Representation theory. *Lecture Notes in Mathematics*, 1552:254–296, 1993. CODEN LNMAA2. ISBN 3-540-56954-5 (print), 3-540-69987-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084649>.

**Hilgert:1993:T**

[HN93k]

Joachim Hilgert and Karl-Hermann Neeb. The theory for  $\mathrm{Sl}(2)$ . *Lecture Notes in Mathematics*, 1552:297–302, 1993. CODEN LNMAA2. ISBN 3-540-56954-5 (print), 3-540-69987-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084650>.

**Havin:1994:LCAa**

- [HN94a] Victor P. Havin and Nikolai K. Nikolski. *Linear and Complex Analysis Problem Book 3: Part I*, volume 1573 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1994. CODEN LNMAA2. ISBN 3-540-57870-6 (print), 3-540-48367-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). xxii + 489 pp. LCCN QA3 .L28 no. 1573. URL <http://link.springer.com/book/10.1007/BFb0100201>; <http://www.springerlink.com/content/978-3-540-48367-0>.

**Havin:1994:LCAb**

- [HN94b] Victor P. Havin and Nikolai K. Nikolski. *Linear and Complex Analysis Problem Book 3: Part II*, volume 1574 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1994. CODEN LNMAA2. ISBN 3-540-57871-4 (print), 3-540-48368-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). xxii + 507 pp. LCCN QA3 .L28 no. 1574. URL <http://link.springer.com/book/10.1007/BFb0101060>; <http://www.springerlink.com/content/978-3-540-48368-7>.

**Homer:1990:FM**

- [HNP<sup>+</sup>90] Steven Homer, Anil Nerode, Richard A. Platek, Gerald E. Sacks, and Andre Scedrov. Front matter. *Lecture Notes in Mathematics*, 1429:??, 1990. CODEN LNMAA2. ISBN 3-540-52734-6 (print), 3-540-47135-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/content/pdf/bfm:978-3-540-47135-6/1.pdf>.

**Herman:1991:ERA**

- [HO91] Gabor T. Herman and Dewey Odhner. Evaluation of reconstruction algorithms. *Lecture Notes in Mathematics*, 1497:215–228, 1991. CODEN LNMAA2. ISBN 3-540-54970-6 (print), 3-540-46615-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084520/>.

**Hobson:1998:MMM**

- [Hob98] David G. Hobson. The maximum maximum of a martingale. *Lecture Notes in Mathematics*, 1686:250–263, 1998. CODEN LNMAA2. ISBN 3-540-64376-1 (print), 3-540-69762-4 (e-book).

ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0101762/>.

**Hodges:1990:RTA**

- [Hod90] Timothy J. Hodges. Ring-theoretical aspects of the Bernstein–Beilinson theorem. *Lecture Notes in Mathematics*, 1448:155–163, 1990. CODEN LNMAA2. ISBN 3-540-53164-5 (print), 3-540-46745-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0091260/>.

**Hofbauer:1991:ILE**

- [Hof91] Franz Hofbauer. An inequality for the Ljapunov exponent of an ergodic invariant measure for a piecewise monotonic map of the interval. *Lecture Notes in Mathematics*, 1486:227–231, 1991. CODEN LNMAA2. ISBN 3-540-54662-6 (print), 3-540-46431-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086672/>.

**Holevo:1990:AID**

- [Hol90a] A. S. Holevo. An analog of the Itô decomposition for multiplicative processes with values in a Lie group. *Lecture Notes in Mathematics*, 1442:211–215, 1990. CODEN LNMAA2. ISBN 3-540-53026-6 (print), 3-540-46311-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085513/>.

**Holzapfel:1990:EFT**

- [Hol90b] R.-P. Holzapfel. An effective finiteness theorem for ball lattices. *Lecture Notes in Mathematics*, 1447:203–236, 1990. CODEN LNMAA2. ISBN 3-540-53422-9 (print), 3-540-46876-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085730/>.

**Homer:1990:ICG**

- [Hom90] Steven Homer. The isomorphism conjecture and its generalizations. *Lecture Notes in Mathematics*, 1429:1–11, 1990. CODEN LNMAA2. ISBN 3-540-52734-6 (print), 3-540-47135-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093922/>.

**Hong:1990:RCP**

- [Hon90] Le Van Hong. Relative calibrations and the problem of stability of minimal surfaces. *Lecture Notes in Mathematics*, 1453: 245–262, 1990. CODEN LNMAA2. ISBN 3-540-53407-5 (print), 3-540-46861-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085959/>.

**Horvathy:1990:DSM**

- [Hor90] P. A. Horváthy. Dynamical symmetries of monopole scattering. *Lecture Notes in Mathematics*, 1416:146–160, 1990. CODEN LNMAA2. ISBN 3-540-52191-7 (print), 3-540-46920-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0097469/>.

**Haydon:1991:CCB**

- [HOR91a] R. Haydon, E. Odell, and H. Rosenthal. On certain classes of Baire-1 functions with applications to Banach space theory. *Lecture Notes in Mathematics*, 1470:1–35, 1991. CODEN LNMAA2. ISBN 3-540-54206-X (print), 3-540-47493-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0090209/>.

**Hormander:1991:QHO**

- [Hör91b] Lars Hörmander. Quadratic hyperbolic operators. *Lecture Notes in Mathematics*, 1495:118–160, 1991. CODEN LNMAA2. ISBN 3-540-54948-X (print), 3-540-46603-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085123/>.

**Hough:1990:CMF**

- [Hou90] David M. Hough. Conformal mapping and Fourier–Jacobi approximations. *Lecture Notes in Mathematics*, 1435:57–70, 1990. CODEN LNMAA2. ISBN 3-540-52768-0 (print), 3-540-47139-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0087897/>.

**Howland:1990:SCD**

- [How90] James S. Howland. Spectral concentration for dense point spectrum. *Lecture Notes in Mathematics*, 1450:1–11, 1990. CODEN LNMAA2. ISBN 3-540-53393-1 (print), 3-540-46818-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084894/>.

**Hernandez:1992:CMT**

- [HP92] L. J. Hernández and T. Porter. Categorical models of  $N$ -types for pro-crossed complexes and  $\mathfrak{S}_n$ -prospaces. *Lecture Notes in Mathematics*, 1509:146–185, 1992. CODEN LNMAA2. ISBN 3-540-55195-6 (print), 3-540-46772-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0087509/>.

**Huisken:1999:GEE**

- [HP99] Gerhard Huisken and Alexander Polden. Geometric evolution equations for hypersurfaces. *Lecture Notes in Mathematics*, 1713: 45–84, 1999. CODEN LNMAA2. ISBN 3-540-65977-3 (print), 3-540-48813-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092669/>.

**Hulek:1992:CAV**

- [HPSS92] Klaus Hulek, Thomas Peternell, Michael Schneider, and Frank-Olaf Schreyer, editors. *Complex Algebraic Varieties: Proceedings of a Conference held in Bayreuth, Germany, April 2–6, 1990*, volume 1507 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1992. CODEN LNMAA2. ISBN 3-540-55235-9 (print), 3-540-46786-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1507. URL <http://link.springer.com/book/10.1007/BFb0094506>; <http://www.springerlink.com/content/978-3-540-46786-1>.

**Habets:1991:JNO**

- [HRS91] P. Habets, M. Ramos, and L. Sanchez. Jumping nonlinearity for 2nd order ODE with positive forcing. *Lecture Notes in Mathematics*, 1475:191–203, 1991. CODEN LNMAA2. ISBN 3-540-54120-9 (print), 3-540-47418-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083491/>.

**Hrushovski:1998:BM**

- [Hru98a] Ehud Hrushovski. Back matter. *Lecture Notes in Mathematics*, 1696:207–216, 1998. CODEN LNMAA2. ISBN 3-540-64863-1 (print), 3-540-68521-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/content/pdf/bbm:978-3-540-68521-0/1.pdf>.

**Hrushovski:1998:PMT**

- [Hru98b] Ehud Hrushovski. Proof of Manin's theorem by reduction to positive characteristic. *Lecture Notes in Mathematics*, 1696:197–205, 1998. CODEN LNMAA2. ISBN 3-540-64863-1 (print), 3-540-68521-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-540-68521-0\\_11/](http://link.springer.com/chapter/10.1007/978-3-540-68521-0_11/).

**Haught:1990:UIS**

- [HS90a] Christine Ann Haught and Richard A. Shore. Undecidability and initial segments of the wtt-degrees  $\leq 0'$ . *Lecture Notes in Mathematics*, 1432:223–244, 1990. CODEN LNMAA2. ISBN 3-540-52772-9 (print), 3-540-47142-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086120/>.

**Hudson:1990:SDQ**

- [HS90b] R. L. Hudson and P. Shepperson. Stochastic dilations of quantum dynamical semigroups using one-dimensional quantum stochastic calculus. *Lecture Notes in Mathematics*, 1442:216–218, 1990. CODEN LNMAA2. ISBN 3-540-53026-6 (print), 3-540-46311-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085514/>.

**Harris:1991:ABS**

- [HS91] William A. Harris, Jr. and Yasutaka Sibuya. Asymptotic behaviors of solutions of a system of linear ordinary differential equations as  $t \rightarrow \infty$ . *Lecture Notes in Mathematics*, 1475:210–217, 1991. CODEN LNMAA2. ISBN 3-540-54120-9 (print), 3-540-47418-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083493/>.

**Harris:1992:LDF**

- [HS92] John C. Harris and R. James Shank. Lannes' division functors on summands of  $H^*(B(Z/p)^r)$ . *Lecture Notes in Mathematics*, 1509:120–133, 1992. CODEN LNMAA2. ISBN 3-540-55195-6 (print), 3-540-46772-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0087506/>.

**Havin:1993:APH**

- [HS93] V. P. Havin and A. Presa Sagué. Approximation properties of harmonic vector fields and differential forms. *Lecture Notes in Mathematics*, 1550:149–156, 1993. CODEN LNMAA2. ISBN 3-540-56931-6 (print), 3-540-47792-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0117480/>.

**Heindorf:1994:NPB**

- [HS94] Lutz Heindorf and Leonid B. Shapiro. *Nearly Projective Boolean Algebras*, volume 1596 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1994. CODEN LNMAA2. ISBN 3-540-58787-X (print), 3-540-49101-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). x + 202 pp. LCCN QA3 .L28 no. 1596. URL <http://link.springer.com/book/10.1007/BFb0094103>; <http://www.springerlink.com/content/978-3-540-49101-9>. With an Appendix by Sakaé Fuchino.

**Hildebrandt:1999:CVG**

- [HS99] Stefan Hildebrandt and Michael Struwe, editors. *Calculus of Variations and Geometric Evolution Problems: Lectures given at the 2nd Session of the Centro Internazionale Matematico Estivo (C.I.M.E.) held in Cetraro, Italy, June 15–22, 1996*, volume 1713 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1999. CODEN LNMAA2. ISBN 3-540-65977-3 (print), 3-540-48813-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1713. URL <http://link.springer.com/book/10.1007/BFb0092667>; <http://www.springerlink.com/content/978-3-540-48813-2>.

**Hu:1991:CCM**

- [HSS91] Wei Hu, Xianliang Shi, and Qiyu Sun.  $A_\infty$  condition characterized by maximal geometric mean operator. *Lecture Notes in Mathematics*, 1494:68–72, 1991. CODEN LNMAA2. ISBN 3-540-54901-3 (print), 3-540-46474-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0087757/>.

**Hlawka:1990:NTA**

- [HT90a] Edmund Hlawka and Robert F. Tichy, editors. *Number-Theoretic Analysis: Seminar, Vienna 1988–89*, volume 1452 of *Lecture*

*Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1990. CODEN LNMAA2. ISBN 3-540-53408-3 (print), 3-540-46864-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1452. URL <http://link.springer.com/book/10.1007/BFb0096975>; <http://www.springerlink.com/content/978-3-540-46864-6>.

**Holschneider:1990:RLF**

- [HT90b] Matthias Holschneider and Philippe Tchamitchian. Régularité locale de la fonction “non-différentiable” de Riemann. (French) []. *Lecture Notes in Mathematics*, 1438:102–124, 1990. CODEN LNMAA2. ISBN 3-540-52932-2 (print), 3-540-47179-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083518/>.

**Huneke:1990:GRI**

- [HU90] Graig Huneke and Bernd Ulrich. Generic residual intersections. *Lecture Notes in Mathematics*, 1430:47–60, 1990. CODEN LNMAA2. ISBN 3-540-52745-1 (print), 3-540-47136-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085536/>.

**Hu:1991:WNI**

- [Hu91] Yue Hu. A weighted norm inequality for oscillatory singular integrals. *Lecture Notes in Mathematics*, 1494:73–81, 1991. CODEN LNMAA2. ISBN 3-540-54901-3 (print), 3-540-46474-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0087758/>.

**Hu:1993:HPF**

- [Hu93] Yaozhong Hu. Hypercontractivité pour les fermions, d’après Carlen–Lieb. (French) []. *Lecture Notes in Mathematics*, 1557: 86–96, 1993. CODEN LNMAA2. ISBN 3-540-57282-1 (print), 3-540-48034-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0087966/>.

**Hu:1995:DFO**

- [Hu95] Yaozhong Hu. On the differentiability of functions of an operator. *Lecture Notes in Mathematics*, 1613:218–219, 1995. CODEN LNMAA2. ISBN 3-540-60219-4 (print), 3-540-44744-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094213>.

**Hu:1996:SWO**

- [Hu96] Yaozhong Hu. Strong and weak order of time discretization schemes of stochastic differential equations. *Lecture Notes in Mathematics*, 1626:218–227, 1996. CODEN LNMAA2. ISBN 3-540-61336-6 (print), 3-540-68463-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094650/>.

**Hubbuck:1990:SSI**

- [Hub90] J. R. Hubbuck. Some stably indecomposable loop spaces. *Lecture Notes in Mathematics*, 1418:70–77, 1990. CODEN LNMAA2. ISBN 3-540-52246-8 (print), 3-540-46938-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083693/>.

**Huber:1995:PIH**

- [Hub95a] Annette Huber.  $\otimes$ -product and internal Hom on  $D_{\text{MR}}$ . *Lecture Notes in Mathematics*, 1604:102–112, 1995. CODEN LNMAA2. ISBN 3-540-59475-2 (print), 3-540-49274-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0095516/>.

**Huber:1995:AC**

- [Hub95b] Annette Huber. 1-adic cohomology. *Lecture Notes in Mathematics*, 1604:73–80, 1995. CODEN LNMAA2. ISBN 3-540-59475-2 (print), 3-540-49274-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0095512/>.

**Huber:1995:BN**

- [Hub95c] Annette Huber. Basic notions. *Lecture Notes in Mathematics*, 1604:2–10, 1995. CODEN LNMAA2. ISBN 3-540-59475-2 (print), 3-540-49274-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0095504/>.

**Huber:1995:BOA**

- [Hub95d] Annette Huber. The Bloch–Ogus axioms. *Lecture Notes in Mathematics*, 1604:122–138, 1995. CODEN LNMAA2. ISBN 3-540-59475-2 (print), 3-540-49274-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0095518/>.

**Huber:1995:CCL**

- [Hub95e] Annette Huber. The Chern class of a line bundle. *Lecture Notes in Mathematics*, 1604:140–146, 1995. CODEN LNMAA2. ISBN 3-540-59475-2 (print), 3-540-49274-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0095519/>.

**Huber:1995:CS**

- [Hub95f] Annette Huber. Classifying spaces. *Lecture Notes in Mathematics*, 1604:146–154, 1995. CODEN LNMAA2. ISBN 3-540-59475-2 (print), 3-540-49274-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0095520/>.

**Huber:1995:CFA**

- [Hub95g] Annette Huber. Comparison functors: 1-adic versus singular realization. *Lecture Notes in Mathematics*, 1604:80–86, 1995. CODEN LNMAA2. ISBN 3-540-59475-2 (print), 3-540-49274-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0095513/>.

**Huber:1995:RC**

- [Hub95h] Annette Huber. De Rham cohomology. *Lecture Notes in Mathematics*, 1604:57–60, 1995. CODEN LNMAA2. ISBN 3-540-59475-2 (print), 3-540-49274-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0095510/>.

**Huber:1995:DCE**

- [Hub95i] Annette Huber. Derived categories of exact categories. *Lecture Notes in Mathematics*, 1604:10–21, 1995. CODEN LNMAA2. ISBN 3-540-59475-2 (print), 3-540-49274-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0095505/>.

**Huber:1995:FDC**

- [Hub95j] Annette Huber. Filtered derived categories. *Lecture Notes in Mathematics*, 1604:22–27, 1995. CODEN LNMAA2. ISBN 3-540-59475-2 (print), 3-540-49274-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0095506/>.

**Huber:1995:GC**

- [Hub95k] Annette Huber. Gluing of categories. *Lecture Notes in Mathematics*, 1604:28–45, 1995. CODEN LNMAA2. ISBN 3-540-59475-2 (print), 3-540-49274-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0095507/>.

**Huber:1995:GR**

- [Hub95l] Annette Huber. Godement resolutions. *Lecture Notes in Mathematics*, 1604:45–48, 1995. CODEN LNMAA2. ISBN 3-540-59475-2 (print), 3-540-49274-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0095508/>.

**Huber:1995:GM**

- [Hub95m] Annette Huber. Grothendieck motives. *Lecture Notes in Mathematics*, 1604:177–182, 1995. CODEN LNMAA2. ISBN 3-540-59475-2 (print), 3-540-49274-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0095523/>.

**Huber:1995:HCC**

- [Hub95n] Annette Huber. Higher Chern classes. *Lecture Notes in Mathematics*, 1604:154–169, 1995. CODEN LNMAA2. ISBN 3-540-59475-2 (print), 3-540-49274-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0095521/>.

**Huber:1995:HR**

- [Hub95o] Annette Huber. Hodge realization. *Lecture Notes in Mathematics*, 1604:60–73, 1995. CODEN LNMAA2. ISBN 3-540-59475-2 (print), 3-540-49274-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0095511/>.

**Huber:1995:KM**

- [Hub95p] Annette Huber. The Künneth morphism. *Lecture Notes in Mathematics*, 1604:112–122, 1995. CODEN LNMAA2. ISBN 3-540-59475-2 (print), 3-540-49274-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0095517/>.

**Huber:1995:MMT**

- [Hub95q] Annette Huber. *Mixed Motives and Their Realization in Derived Categories*, volume 1604 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1995. CODEN LNMAA2. ISBN 3-540-59475-2 (print), 3-540-49274-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). xvi + 207 pp. LCCN QA3 .L28 no. 1604. URL <http://link.springer.com/book/10.1007/BFb0095503>; <http://www.springerlink.com/content/978-3-540-49274-0>.

**Huber:1995:MR**

- [Hub95r] Annette Huber. The mixed realization. *Lecture Notes in Mathematics*, 1604:86–95, 1995. CODEN LNMAA2. ISBN 3-540-59475-2 (print), 3-540-49274-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0095514/>.

**Huber:1995:OC**

- [Hub95s] Annette Huber. Operations of correspondences. *Lecture Notes in Mathematics*, 1604:172–177, 1995. CODEN LNMAA2. ISBN 3-540-59475-2 (print), 3-540-49274-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0095522/>.

**Huber:1995:SC**

- [Hub95t] Annette Huber. Singular cohomology. *Lecture Notes in Mathematics*, 1604:50–56, 1995. CODEN LNMAA2. ISBN 3-540-59475-2 (print), 3-540-49274-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0095509/>.

**Huber:1995:TT**

- [Hub95u] Annette Huber. The Tate twist. *Lecture Notes in Mathematics*, 1604:98–102, 1995. CODEN LNMAA2. ISBN 3-540-59475-2 (print), 3-540-49274-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0095515/>.

**Huck:1990:EAC**

- [Huc90] Günther Huck. Embeddings of acyclic 2-complexes in  $S^4$  with contractible complement. *Lecture Notes in Mathematics*, 1440: 122–129, 1990. CODEN LNMAA2. ISBN 3-540-52990-X (print),

3-540-46296-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084457/>.

**Huisman:1993:HAV**

- [Hui93] Johan Huisman. Heights on Abelian varieties. *Lecture Notes in Mathematics*, 1566:51–61, 1993. CODEN LNMAA2. ISBN 3-540-57528-6 (print), 3-540-48208-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-540-48208-6\\_5/](http://link.springer.com/chapter/10.1007/978-3-540-48208-6_5/).

**Hulek:1990:ASP**

- [Hul90] Klaus Hulek. Abelian surfaces in products of projective spaces. *Lecture Notes in Mathematics*, 1417:129–137, 1990. CODEN LNMAA2. ISBN 3-540-52217-4 (print), 3-540-46934-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083338/>.

**Hummel:1990:NSS**

- [Hum90] J. A. Hummel. Numerical solutions of the Schiffer equation. *Lecture Notes in Mathematics*, 1435:71–79, 1990. CODEN LNMAA2. ISBN 3-540-52768-0 (print), 3-540-47139-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0087898/>.

**Hunt:1996:LCS**

- [Hun96a] Bruce Hunt. The 27 lines on a cubic surface. *Lecture Notes in Mathematics*, 1637:108–167, 1996. CODEN LNMAA2. ISBN 3-540-61795-7 (print), 3-540-69997-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094404/>.

**Hunt:1996:AQ**

- [Hun96b] Bruce Hunt. Arithmetic quotients. *Lecture Notes in Mathematics*, 1637:36–65, 1996. CODEN LNMAA2. ISBN 3-540-61795-7 (print), 3-540-69997-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094402/>.

**Hunt:1996:BQ**

- [Hun96c] Bruce Hunt. The Burkhardt quartic. *Lecture Notes in Mathematics*, 1637:168–221, 1996. CODEN LNMAA2. ISBN 3-540-61795-7

(print), 3-540-69997-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094405/>.

**Hunt:1996:GMU**

- [Hun96d] Bruce Hunt. A gem of the modular universe. *Lecture Notes in Mathematics*, 1637:222–254, 1996. CODEN LNMAA2. ISBN 3-540-61795-7 (print), 3-540-69997-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094406/>.

**Hunt:1996:GSS**

- [Hun96e] Bruce Hunt. *The Geometry of some special Arithmetic Quotients*, volume 1637 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1996. CODEN LNMAA2. ISBN 3-540-61795-7 (print), 3-540-69997-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). xiv + 332 pp. LCCN QA3 .L28 no. 1637. URL <http://link.springer.com/book/10.1007/BFb0094399>; <http://www.springerlink.com/content/978-3-540-69997-2>.

**Hunt:1996:I**

- [Hun96f] Bruce Hunt. Introduction. *Lecture Notes in Mathematics*, 1637:1–14, 1996. CODEN LNMAA2. ISBN 3-540-61795-7 (print), 3-540-69997-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094400/>.

**Hunt:1996:MSP**

- [Hun96g] Bruce Hunt. Moduli spaces of PEL structures. *Lecture Notes in Mathematics*, 1637:15–35, 1996. CODEN LNMAA2. ISBN 3-540-61795-7 (print), 3-540-69997-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094401/>.

**Hunt:1996:PEM**

- [Hun96h] Bruce Hunt. Projective embeddings of modular varieties. *Lecture Notes in Mathematics*, 1637:66–107, 1996. CODEN LNMAA2. ISBN 3-540-61795-7 (print), 3-540-69997-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094403/>.

**Hannsgen:1991:MCV**

- [HW91] Kenneth B. Hannsgen and Robert L. Wheeler. Moment conditions for a Volterra integral equation in a Banach space. *Lecture Notes in Mathematics*, 1475:204–209, 1991. CODEN LNMAA2. ISBN 3-540-54120-9 (print), 3-540-47418-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083492/>.

**He:1997:HOU**

- [HW97] Sheng-Wu He and Jia-Gang Wang. The hypercontractivity of Ornstein–Uhlenbeck semigroups with drift, revisited. *Lecture Notes in Mathematics*, 1655:80–84, 1997. CODEN LNMAA2. ISBN 3-540-62634-4 (print), 3-540-68352-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0119295/>.

**Harmand:1993:BSWb**

- [HWW93a] Peter Harmand, Dirk Werner, and Wend Werner. Banach spaces which are  $L$ -summands in their biduals. *Lecture Notes in Mathematics*, 1547:157–214, 1993. CODEN LNMAA2. ISBN 3-540-56814-X (print), 3-540-47753-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084359/>.

**Harmand:1993:BSWa**

- [HWW93b] Peter Harmand, Dirk Werner, and Wend Werner. Banach spaces which are  $M$ -ideals in their biduals. *Lecture Notes in Mathematics*, 1547:101–155, 1993. CODEN LNMAA2. ISBN 3-540-56814-X (print), 3-540-47753-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084358/>.

**Harmand:1993:BTI**

- [HWW93c] Peter Harmand, Dirk Werner, and Wend Werner. Basic theory of  $M$ -ideals. *Lecture Notes in Mathematics*, 1547:1–47, 1993. CODEN LNMAA2. ISBN 3-540-56814-X (print), 3-540-47753-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084356/>.

**Harmand:1993:GPI**

- [HWW93d] Peter Harmand, Dirk Werner, and Wend Werner. Geometric properties of  $M$ -ideals. *Lecture Notes in Mathematics*, 1547:49–

100, 1993. CODEN LNMAA2. ISBN 3-540-56814-X (print), 3-540-47753-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084357/>.

**Harmand:1993:IBA**

- [HWW93e] Peter Harmand, Dirk Werner, and Wend Werner. *M-ideals in Banach algebras*. *Lecture Notes in Mathematics*, 1547:215–261, 1993. CODEN LNMAA2. ISBN 3-540-56814-X (print), 3-540-47753-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084360/>.

**Harmand:1993:IBS**

- [HWW93f] Peter Harmand, Dirk Werner, and Wend Werner. *M-Ideals in Banach Spaces and Banach Algebras*, volume 1547 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1993. CODEN LNMAA2. ISBN 3-540-56814-X (print), 3-540-47753-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). 344 (est.) pp. LCCN QA3 .L28 no. 1547. URL <http://link.springer.com/book/10.1007/BFb0084355>; <http://www.springerlink.com/content/978-3-540-47753-2>.

**Harmand:1993:ISB**

- [HWW93g] Peter Harmand, Dirk Werner, and Wend Werner. *M-ideals in spaces of bounded operators*. *Lecture Notes in Mathematics*, 1547: 263–344, 1993. CODEN LNMAA2. ISBN 3-540-56814-X (print), 3-540-47753-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084361/>.

**Hawkins:1991:TNZ**

- [HYL91a] W. G. Hawkins, N.-C. Yang, and P. K. Leichner. Theorems for the number of zeros of the projection radial modulators of the 2D exponential Radon transform. *Lecture Notes in Mathematics*, 1497:194–214, 1991. CODEN LNMAA2. ISBN 3-540-54970-6 (print), 3-540-46615-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084519/>.

**Hyland:1991:FSS**

- [Hyl91b] J. M. E. Hyland. First steps in synthetic domain theory. *Lecture Notes in Mathematics*, 1488:131–156, 1991. CODEN LNMAA2. ISBN 3-540-54706-1 (print), 3-540-46435-2 (e-book).

ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084217/>.

**Iorio:1990:KBF**

- [I90] Rafael José Iório, Jr. KDV, BO and friends in weighted Sobolev spaces. *Lecture Notes in Mathematics*, 1450:104–121, 1990. CODEN LNMAA2. ISBN 3-540-53393-1 (print), 3-540-46818-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084901/>.

**Ichinose:1990:FPI**

- [Ich90] Takashi Ichinose. Feynman path integral to relativistic quantum mechanics. *Lecture Notes in Mathematics*, 1450:196–209, 1990. CODEN LNMAA2. ISBN 3-540-53393-1 (print), 3-540-46818-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084907/>.

**Ingold:1990:SDP**

- [IG90] Gert-Ludwig Ingold and Hermann Grabert. Sluggish decay of preparation effects in low temperature quantum systems. *Lecture Notes in Mathematics*, 1442:219–230, 1990. CODEN LNMAA2. ISBN 3-540-53026-6 (print), 3-540-46311-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085515/>.

**Ishibashi:1990:SAF**

- [IK90] M. Ishibashi and S. Kanemitsu. Some asymptotic formulas of Ramanujan. *Lecture Notes in Mathematics*, 1434:149–167, 1990. CODEN LNMAA2. ISBN 3-540-52787-7 (print), 3-540-47147-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0097132/>.

**Iarrobino:1999:CVP**

- [IK99a] Anthony Iarrobino and Vassil Kanev. Closures of the variety  $\text{Gor}(T)$ , and the parameter space  $G(T)$  of graded algebras. *Lecture Notes in Mathematics*, 1721:249–253, 1999. CODEN LNMAA2. ISBN 3-540-66766-0 (print), 3-540-46707-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093434/>.

**Iarrobino:1999:CCD**

- [IK99b] Anthony Iarrobino and Vassil Kanev. Connectedness and components of the determinantal locus  $\mathbf{PV}_s(u, v; r)$ . *Lecture Notes*

*in Mathematics*, 1721:237–247, 1999. CODEN LNMAA2. ISBN 3-540-66766-0 (print), 3-540-46707-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093433/>.

Iarrobino:1999:FCM

- [IK99c] Anthony Iarrobino and Vassil Kanev. Forms and catalecticant matrices. *Lecture Notes in Mathematics*, 1721:3–56, 1999. CODEN LNMAA2. ISBN 3-540-66766-0 (print), 3-540-46707-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093427/>.

Iarrobino:1999:FZDa

- [IK99d] Anthony Iarrobino and Vassil Kanev. Forms and zero-dimensional schemes I: Basic results, and the case  $r = 3$ . *Lecture Notes in Mathematics*, 1721:131–205, 1999. CODEN LNMAA2. ISBN 3-540-66766-0 (print), 3-540-46707-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093431/>.

Iarrobino:1999:FZDb

- [IK99e] Anthony Iarrobino and Vassil Kanev. Forms and zero-dimensional schemes, II: Annihilating schemes and reducible  $\text{Gor}(T)$ . *Lecture Notes in Mathematics*, 1721:207–236, 1999. CODEN LNMAA2. ISBN 3-540-66766-0 (print), 3-540-46707-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093432/>.

Iarrobino:1999:LSP

- [IK99f] Anthony Iarrobino and Vassil Kanev. The locus  $\text{PS}(s, j; r)$  of sums of powers, and determinantal loci of catalecticant matrices. *Lecture Notes in Mathematics*, 1721:91–127, 1999. CODEN LNMAA2. ISBN 3-540-66766-0 (print), 3-540-46707-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093430/>.

Iarrobino:1999:PSG

- [IK99g] Anthony Iarrobino and Vassil Kanev. *Power Sums, Gorenstein Algebras, and Determinantal Loci*, volume 1721 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1999. CODEN LNMAA2. ISBN 3-540-66766-0 (print), 3-540-46707-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic).

xxxii + 345 pp. LCCN QA3 .L28 no. 1721. URL <http://link.springer.com/book/10.1007/BFb0093426>; <http://www.springerlink.com/content/978-3-540-46707-6>.

**Iarrobino:1999:QP**

- [IK99h] Anthony Iarrobino and Vassil Kanev. Questions and problems. *Lecture Notes in Mathematics*, 1721:255–264, 1999. CODEN LNMAA2. ISBN 3-540-66766-0 (print), 3-540-46707-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093435/>.

**Iarrobino:1999:SPL**

- [IK99i] Anthony Iarrobino and Vassil Kanev. Sums of powers of linear forms, and Gorenstein algebras. *Lecture Notes in Mathematics*, 1721:57–72, 1999. CODEN LNMAA2. ISBN 3-540-66766-0 (print), 3-540-46707-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093428/>.

**Iarrobino:1999:TSC**

- [IK99j] Anthony Iarrobino and Vassil Kanev. Tangent spaces to catalecticant schemes. *Lecture Notes in Mathematics*, 1721:73–90, 1999. CODEN LNMAA2. ISBN 3-540-66766-0 (print), 3-540-46707-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093429/>.

**Ikawa:1990:DPS**

- [Ika90] Mitsuru Ikawa. On the distribution of poles of the scattering matrix for several convex bodies. *Lecture Notes in Mathematics*, 1450:210–225, 1990. CODEN LNMAA2. ISBN 3-540-53393-1 (print), 3-540-46818-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084908/>.

**Ikeda:1990:PMS**

- [Ike90] N. Ikeda. Probabilistic methods in the study of asymptotics. *Lecture Notes in Mathematics*, 1427:195–325, 1990. CODEN LNMAA2. ISBN 3-540-53508-X (print), 3-540-46718-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0103043/>.

**Maruyama:1990:L**

- [iM90a] Ken ichi Maruyama. Localizing  $\epsilon_{\#}(X)$ . *Lecture Notes in Mathematics*, 1425:87–90, 1990. CODEN LNMAA2. ISBN 3-540-52658-7 (print), 3-540-47091-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083833/>.

**Mizumoto:1990:ICV**

- [iM90b] Shin ichiro Mizumoto. Integrality of critical values of triple product  $L$ -functions. *Lecture Notes in Mathematics*, 1434:188–195, 1990. CODEN LNMAA2. ISBN 3-540-52787-7 (print), 3-540-47147-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0097135/>.

**Inassaridze:1990:EHA**

- [Ina90a] Hvedri Inassaridze, editor. *K-theory and Homological Algebra: A Seminar held at the Razmadze Mathematical Institute in Tbilisi, Georgia, USSR 1987–88*, volume 1437 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1990. CODEN LNMAA2. ISBN 3-540-52836-9 (print), 3-540-47162-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1437. URL <http://link.springer.com/book/10.1007/BFb0086716>; <http://www.springerlink.com/content/978-3-540-47162-2>.

**Inassaridze:1990:TSN**

- [Ina90b] Hvedri Inassaridze. *K-theory of special normed rings*. *Lecture Notes in Mathematics*, 1437:95–156, 1990. CODEN LNMAA2. ISBN 3-540-52836-9 (print), 3-540-47162-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086719/>.

**Inoue:1992:TST**

- [Ino92] Atsushi Inoue. A tiny step towards a theory of functional derivative equations — a strong solution of the space-time Hopf equation. *Lecture Notes in Mathematics*, 1530:246–261, 1992. CODEN LNMAA2. ISBN 3-540-56261-3 (print), 3-540-47498-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0090346/>.

**Inoue:1998:FA**

- [Ino98a] Atsushi Inoue. Fundamentals of  $O^*$ -algebras. *Lecture Notes in Mathematics*, 1699:7–40, 1998. CODEN LNMAA2. ISBN 3-540-65194-2 (print), 3-540-49495-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093331/>.

**Inoue:1998:I**

- [Ino98b] Atsushi Inoue. Introduction. *Lecture Notes in Mathematics*, 1699:1–5, 1998. CODEN LNMAA2. ISBN 3-540-65194-2 (print), 3-540-49495-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093330/>.

**Inoue:1998:PA**

- [Ino98c] Atsushi Inoue. Physical applications. *Lecture Notes in Mathematics*, 1699:169–223, 1998. CODEN LNMAA2. ISBN 3-540-65194-2 (print), 3-540-49495-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093334/>.

**Inoue:1998:SSM**

- [Ino98d] Atsushi Inoue. Standard systems and modular systems. *Lecture Notes in Mathematics*, 1699:41–110, 1998. CODEN LNMAA2. ISBN 3-540-65194-2 (print), 3-540-49495-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093332/>.

**Inoue:1998:SWA**

- [Ino98e] Atsushi Inoue. Standard weights on  $O^*$ -algebras. *Lecture Notes in Mathematics*, 1699:111–168, 1998. CODEN LNMAA2. ISBN 3-540-65194-2 (print), 3-540-49495-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093333/>.

**Inoue:1998:TTT**

- [Ino98f] Atsushi Inoue. *Tomita-Takesaki Theory in Algebras of Unbounded Operators*, volume 1699 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1998. CODEN LNMAA2. ISBN 3-540-65194-2 (print), 3-540-49495-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). viii + 241 pp. LCCN QA3 .L28 no. 1699.

- URL <http://link.springer.com/book/10.1007/BFb0093329>;  
<http://www.springerlink.com/content/978-3-540-49495-9>.
- Ionescu:1990:EPV**
- [Ion90] Paltin Ionescu. Embedded projective varieties of small invariants. III. *Lecture Notes in Mathematics*, 1417:138–154, 1990. CODEN LNMAA2. ISBN 3-540-52217-4 (print), 3-540-46934-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083339>.
- Iluis-Puebla:1992:IAT**
- [IP92] Emilio Iluis-Puebla. Introduction to algebraic  $K$ -theory. *Lecture Notes in Mathematics*, 1491:1–30, 1992. CODEN LNMAA2. ISBN 3-540-55007-0 (print), 3-540-46639-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0088877>.
- Izydorek:1992:PBU**
- [IR92] Marek Izydorek and Sławomir Rybicki. On parametrized Borsuk–Ulam theorem for free  $Z_p$ -action. *Lecture Notes in Mathematics*, 1509:227–234, 1992. CODEN LNMAA2. ISBN 3-540-55195-6 (print), 3-540-46772-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0087512>.
- Ivanov:1990:BLI**
- [IS90] K. G. Ivanov and E. B. Saff. Behavior of the Lagrange interpolants in the roots of unity. *Lecture Notes in Mathematics*, 1435: 81–87, 1990. CODEN LNMAA2. ISBN 3-540-52768-0 (print), 3-540-47139-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0087899>.
- Isac:1992:Ea**
- [Isa92a] G. Isac. Equivalences. *Lecture Notes in Mathematics*, 1528:52–69, 1992. CODEN LNMAA2. ISBN 3-540-56251-6 (print), 3-540-47491-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084657>.
- Isac:1992:Eb**
- [Isa92b] G. Isac. Errata. *Lecture Notes in Mathematics*, 1528:e1–e2, 1992. CODEN LNMAA2. ISBN 3-540-56251-6 (print), 3-540-47491-9

(e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0120443>.

Isac:1992:ET

- [Isa92c] G. Isac. Existence theorems. *Lecture Notes in Mathematics*, 1528:70–138, 1992. CODEN LNMAA2. ISBN 3-540-56251-6 (print), 3-540-47491-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084658/>.

Isac:1992:ICP

- [Isa92d] G. Isac. The implicit complementarity problem. *Lecture Notes in Mathematics*, 1528:162–195, 1992. CODEN LNMAA2. ISBN 3-540-56251-6 (print), 3-540-47491-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084660/>.

Isac:1992:I

- [Isa92e] G. Isac. Introduction. *Lecture Notes in Mathematics*, 1528:1–3, 1992. CODEN LNMAA2. ISBN 3-540-56251-6 (print), 3-540-47491-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084654/>.

Isac:1992:IPC

- [Isa92f] G. Isac. Isotone projection cones and complementarity. *Lecture Notes in Mathematics*, 1528:196–219, 1992. CODEN LNMAA2. ISBN 3-540-56251-6 (print), 3-540-47491-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084661/>.

Isac:1992:MA

- [Isa92g] G. Isac. Models and applications. *Lecture Notes in Mathematics*, 1528:16–51, 1992. CODEN LNMAA2. ISBN 3-540-56251-6 (print), 3-540-47491-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084656/>.

Isac:1992:OCP

- [Isa92h] G. Isac. The order complementarity problem. *Lecture Notes in Mathematics*, 1528:139–161, 1992. CODEN LNMAA2. ISBN 3-540-56251-6 (print), 3-540-47491-9 (e-book). ISSN 0075-8434

(print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084659/>.

**Isac:1992:PDP**

- [Isa92i] G. Isac. Preliminaries and definitions of principal complementarity problems. *Lecture Notes in Mathematics*, 1528:4–15, 1992. CODEN LNMAA2. ISBN 3-540-56251-6 (print), 3-540-47491-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084655/>.

**Isac:1992:TCP**

- [Isa92j] G. Isac. Topics on complementarity problems. *Lecture Notes in Mathematics*, 1528:220–269, 1992. CODEN LNMAA2. ISBN 3-540-56251-6 (print), 3-540-47491-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084662/>.

**Isac:1992:CP**

- [Isa92k] George Isac. *Complementarity Problems*, volume 1528 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1992. CODEN LNMAA2. ISBN 3-540-56251-6 (print), 3-540-47491-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). vi + 297 pp. LCCN QA3 .L28 no. 1528. URL <http://link.springer.com/book/10.1007/BFb0084653>; <http://www.springerlink.com/content/978-3-540-47491-3>.

**Ishiguro:1992:CSC**

- [Ish92] Kenshi Ishiguro. Classifying spaces of compact simple Lie groups and  $p$ -tori. *Lecture Notes in Mathematics*, 1509:210–226, 1992. CODEN LNMAA2. ISBN 3-540-55195-6 (print), 3-540-46772-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0087511/>.

**Iskovskih:1991:TPR**

- [Isk91] V. A. Iskovskih. Towards the problem of rationality of conic bundles. *Lecture Notes in Mathematics*, 1479:50–56, 1991. CODEN LNMAA2. ISBN 3-540-54456-9 (print), 3-540-38388-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086263/>.

**Imrich:1990:FSH**

- [IT90] W. Imrich and E. C. Turner. Fixed subsets of homomorphisms of free groups. *Lecture Notes in Mathematics*, 1440:130–147, 1990. CODEN LNMAA2. ISBN 3-540-52990-X (print), 3-540-46296-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084458/>.

**Ito:1993:SPT**

- [Itō93a] Kiyosi Itō. Semigroups in probability theory. *Lecture Notes in Mathematics*, 1540:69–83, 1993. CODEN LNMAA2. ISBN 3-540-56471-3 (print), 3-540-47565-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085475/>.

**Iwamiya:1993:CNP**

- [ITO93b] Toshiyuki Iwamiya, Tadayasu Takahashi, and Shinnosuke Oharu. Characterization of nonlinearly perturbed semigroups. *Lecture Notes in Mathematics*, 1540:85–102, 1993. CODEN LNMAA2. ISBN 3-540-56471-3 (print), 3-540-47565-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085476/>.

**Ivanov:1993:PAS**

- [Iva93] Oleg V. Ivanov. A problem of axler and shields on nontangential limits and maximal ideal space of some pseudonanalytic algebras. *Lecture Notes in Mathematics*, 1550:157–159, 1993. CODEN LNMAA2. ISBN 3-540-56931-6 (print), 3-540-47792-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0117481/>.

**Iwatsuka:1990:SOM**

- [Iwa90] Akira Iwatsuka. On Schrödinger operators with magnetic fields. *Lecture Notes in Mathematics*, 1450:157–172, 1990. CODEN LNMAA2. ISBN 3-540-53393-1 (print), 3-540-46818-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084904/>.

**Iwaniec:1992:TQM**

- [Iwa92a] Tadeusz Iwaniec.  $L^p$ -theory of quasiregular mappings. *Lecture Notes in Mathematics*, 1508:39–64, 1992. CODEN LNMAA2. ISBN 3-540-55418-1 (print), 3-540-47061-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094237/>.

**Iwanik:1992:PEI**

- [Iwa92b] Anzelm Iwanik. Positive entropy implies infinite  $L^p$ -multiplicity for  $p > 1$ . *Lecture Notes in Mathematics*, 1514:124–127, 1992. CODEN LNMAA2. ISBN 3-540-55444-0 (print), 3-540-47076-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0097532/>.

**Yosimura:1990:QKH**

- [iY90] Zen ichi Yosimura. The quasi ko-homology types of the real projective spaces. *Lecture Notes in Mathematics*, 1418:156–174, 1990. CODEN LNMAA2. ISBN 3-540-52246-8 (print), 3-540-46938-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083701/>.

**Jacobsen:1990:OPC**

- [Jac90] Lisa Jacobsen. Orthogonal polynomials, chain sequences, three-term recurrence relations and continued fractions. *Lecture Notes in Mathematics*, 1435:89–101, 1990. CODEN LNMAA2. ISBN 3-540-52768-0 (print), 3-540-47139-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0087900/>.

**Jacod:1991:ROQ**

- [Jac91] Jean Jacod. Régularité d'ordre quelconque pour un modèle statistique filtré. (French) []. *Lecture Notes in Mathematics*, 1485:140–161, 1991. CODEN LNMAA2. ISBN 3-540-54616-2 (print), 3-540-38496-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0100854/>.

**Jagers:1993:SIP**

- [Jag93] Peter Jagers. Stabilities and instabilities in population dynamics. *Lecture Notes in Mathematics*, 1546:58–67, 1993. CODEN LNMAA2. ISBN 3-540-56744-5 (print), 3-540-47645-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084482/>.

**Jajte:1990:ASC**

- [Jaj90] Ryszard Jajte. Almost sure convergence of iterates of contractions in noncommutative  $L_2$ -spaces. *Lecture Notes in Mathematics*, 1442:231–246, 1990. CODEN LNMAA2. ISBN 3-540-53026-6

(print), 3-540-46311-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085516/>.

**Jajte:1991:ASC**

- [Jaj91a] Ryszard Jajte. Almost sure convergence in noncommutative  $L_2$ -spaces. *Lecture Notes in Mathematics*, 1477:1–9, 1991. CODEN LNMAA2. ISBN 3-540-54214-0 (print), 3-540-47512-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0098425/>.

**Jajte:1991:AF**

- [Jaj91b] Ryszard Jajte. Asymptotic formulae. *Lecture Notes in Mathematics*, 1477:37–51, 1991. CODEN LNMAA2. ISBN 3-540-54214-0 (print), 3-540-47512-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0098427/>.

**Jajte:1991:CCE**

- [Jaj91c] Ryszard Jajte. Convergence of conditional expectations and martingales. *Lecture Notes in Mathematics*, 1477:85–89, 1991. CODEN LNMAA2. ISBN 3-540-54214-0 (print), 3-540-47512-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0098430/>.

**Jajte:1991:CIC**

- [Jaj91d] Ryszard Jajte. Convergence of iterates of contractions. *Lecture Notes in Mathematics*, 1477:52–63, 1991. CODEN LNMAA2. ISBN 3-540-54214-0 (print), 3-540-47512-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0098428/>.

**Jajte:1991:COS**

- [Jaj91e] Ryszard Jajte. Convergence of orthogonal series and strong laws of large numbers. *Lecture Notes in Mathematics*, 1477:64–84, 1991. CODEN LNMAA2. ISBN 3-540-54214-0 (print), 3-540-47512-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0098429/>.

**Jajte:1991:IET**

- [Jaj91f] Ryszard Jajte. Individual ergodic theorems in  $L_2$  over a von Neumann algebra. *Lecture Notes in Mathematics*, 1477:10–36, 1991.

CODEN LNMAA2. ISBN 3-540-54214-0 (print), 3-540-47512-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0098426/>.

**Jajte:1991:MR**

- [Jaj91g] Ryszard Jajte. Miscellaneous results. *Lecture Notes in Mathematics*, 1477:90–99, 1991. CODEN LNMAA2. ISBN 3-540-54214-0 (print), 3-540-47512-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0098431/>.

**Jajte:1991:SLT**

- [Jaj91h] Ryszard Jajte. *Strong Limit Theorems in Noncommutative  $L_2$ -Spaces*, volume 1477 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1991. CODEN LNMAA2. ISBN 3-540-54214-0 (print), 3-540-47512-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). x + 113 pp. LCCN QA3 .L28 no. 1477. URL <http://link.springer.com/book/10.1007/BFb0098424>; <http://www.springerlink.com/content/978-3-540-47512-5>.

**James:1990:CFS**

- [Jam90] I. M. James. Continuous functions of several variable. *Lecture Notes in Mathematics*, 1418:53–56, 1990. CODEN LNMAA2. ISBN 3-540-52246-8 (print), 3-540-46938-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083691/>.

**Janelidze:1990:CEI**

- [Jan90a] George Janelidze. Cohomology and extensions of internal modules. *Lecture Notes in Mathematics*, 1437:157–168, 1990. CODEN LNMAA2. ISBN 3-540-52836-9 (print), 3-540-47162-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086720/>.

**Jannsen:1990:ACT**

- [Jan90b] Uwe Jannsen. Algebraic cycles,  $K$ -theory, and extension classes. *Lecture Notes in Mathematics*, 1400:57–188, 1990. CODEN LNMAA2. ISBN 3-540-52260-3 (print), 3-540-46941-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085082/>.

**Jannsen:1990:TAC**

- [Jan90c] Uwe Jannsen. *K-theory and  $\ell$ -adic cohomology*. *Lecture Notes in Mathematics*, 1400:189–221, 1990. CODEN LNMAA2. ISBN 3-540-52260-3 (print), 3-540-46941-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085083/>.

**Jannsen:1990:MMAb**

- [Jan90d] Uwe Jannsen. *Mixed Motives and Algebraic K-Theory*, volume 1400 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1990. CODEN LNMAA2. ISBN 3-540-52260-3 (print), 3-540-46941-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). xiv + 246 pp. LCCN QA3 .L28 no. 1400. URL <http://link.springer.com/book/10.1007/BFb0085080>; <http://www.springerlink.com/content/978-3-540-46941-4>.

**Jannsen:1990:MMBa**

- [Jan90e] Uwe Jannsen. Mixed motives for absolute Hodge cycles. *Lecture Notes in Mathematics*, 1400:1–56, 1990. CODEN LNMAA2. ISBN 3-540-52260-3 (print), 3-540-46941-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085081/>.

**Janelidze:1991:PGT**

- [Jan91] George Janelidze. Precategories and Galois theory. *Lecture Notes in Mathematics*, 1488:157–173, 1991. CODEN LNMAA2. ISBN 3-540-54706-1 (print), 3-540-46435-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084218/>.

**Jankovic:1993:SPR**

- [Jan93] Slobodanka Janković. Some properties of random variables which are stable with respect to the random sample size. *Lecture Notes in Mathematics*, 1546:68–75, 1993. CODEN LNMAA2. ISBN 3-540-56744-5 (print), 3-540-47645-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084483/>.

**Jaworowski:1991:ABC**

- [Jaw91] Jan Jaworowski. An additive basis for the cohomology of real grassmannians. *Lecture Notes in Mathematics*, 1474:231–234,

1991. CODEN LNMAA2. ISBN 3-540-54098-9 (print), 3-540-47403-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084749/>.

Jay:1991:FLC

- [Jay91] C. Barry Jay. Fixpoint and loop constructions as colimits. *Lecture Notes in Mathematics*, 1488:187–192, 1991. CODEN LNMAA2. ISBN 3-540-54706-1 (print), 3-540-46435-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084220/>.

Jie-cheng:1991:DBP

- [JcC91] Chen Jie-cheng and Luo Cheng. Duality of  $H^1$  and BMO on positively curved manifolds and their characterizations. *Lecture Notes in Mathematics*, 1494:23–38, 1991. CODEN LNMAA2. ISBN 3-540-54901-3 (print), 3-540-46474-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0087753/>.

Jensen:1990:HEA

- [Jen90] Arne Jensen. High energy asymptotics for the total scattering phase in potential scattering theory. *Lecture Notes in Mathematics*, 1450:187–195, 1990. CODEN LNMAA2. ISBN 3-540-53393-1 (print), 3-540-46818-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084906/>.

Jibladze:1990:CCL

- [Jib90] M. Jibladze. Coefficients for cohomology of ‘large’ categories. *Lecture Notes in Mathematics*, 1437:169–179, 1990. CODEN LNMAA2. ISBN 3-540-52836-9 (print), 3-540-47162-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086721/>.

Jain:1992:BCB

- [JJS92] P. K. Jain, A. M. Jarrah, and D. P. Sinha. Boundedly complete bases in various locally convex spaces. *Lecture Notes in Mathematics*, 1511:128–140, 1992. CODEN LNMAA2. ISBN 3-540-55365-7 (print), 3-540-47041-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093806/>.

**Jiang:1991:NLG**

- [JL91] Yaping Jiang and Xuebo Luo. The nilpotent Lie group  $G^{d+2}$  and a class of differential operators with multiple characteristics. *Lecture Notes in Mathematics*, 1494:82–83, 1991. CODEN LNMAA2. ISBN 3-540-54901-3 (print), 3-540-46474-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0087759>.

**Jorgenson:1993:BAR**

- [JL93a] Jay A. Jorgenson and Serge Lang. *Basic Analysis of Regularized Series and Products*, volume 1564 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1993. CODEN LNMAA2. ISBN 3-540-57488-3 (print), 3-540-48193-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). 117 (est.) pp. LCCN QA3 .L28 no. 1564. URL <http://link.springer.com/book/10.1007/BFb0077194>; <http://www.springerlink.com/content/978-3-540-48193-5>.

**Jorgenson:1993:PFF**

- [JL93b] Jay A. Jorgenson and Serge Lang. A Parseval formula for functions with a singular asymptotic expansion at the origin. *Lecture Notes in Mathematics*, 1564:89–117, 1993. CODEN LNMAA2. ISBN 3-540-57488-3 (print), 3-540-48193-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0077196/>.

**Jorgenson:1993:SCA**

- [JL93c] Jay A. Jorgenson and Serge Lang. Some complex analytic properties of regularized products and series. *Lecture Notes in Mathematics*, 1564:ix–88, 1993. CODEN LNMAA2. ISBN 3-540-57488-3 (print), 3-540-48193-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0077195/>.

**Jorgenson:1994:EFRa**

- [JL94] Jay Jorgenson and Serge Lang. Explicit formulas for regularized products and series. *Lecture Notes in Mathematics*, 1593: 1–134, 1994. CODEN LNMAA2. ISBN 3-540-58673-3 (print), 3-540-49041-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0074040/>.

**Jorgenson:1994:EFRb**

- [JLG94] Jay Jorgenson, Serge Lang, and Dorian Goldfeld. *Explicit Formulas for Regularized Products and Series*, volume 1593 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1994. CODEN LNMAA2. ISBN 3-540-58673-3 (print), 3-540-49041-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). viii + 154 pp. LCCN QA3 .L28 no. 1593. URL <http://link.springer.com/book/10.1007/BFb0074039>; <http://www.springerlink.com/content/978-3-540-49041-8>.

**Jain:1990:NCR**

- [JLP90] Surender Kumar Jain and Sergio R. López-Permouth, editors. *Non-Commutative Ring Theory: Proceedings of a Conference held in Athens, Ohio Sept. 29–30, 1989*, volume 1448 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1990. CODEN LNMAA2. ISBN 3-540-53164-5 (print), 3-540-46745-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1448. URL <http://link.springer.com/book/10.1007/BFb0091244>; <http://www.springerlink.com/content/978-3-540-46745-8>.

**Jagers:1996:ACS**

- [JN96] Peter Jagers and Olle Nerman. The asymptotic composition of supercritical, multi-type branching populations. *Lecture Notes in Mathematics*, 1626:40–54, 1996. CODEN LNMAA2. ISBN 3-540-61336-6 (print), 3-540-68463-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094640/>.

**Johnsen:1990:LMT**

- [Joh90] Trygve Johnsen. Local multiplicities of tangential trisecants to space curves. *Lecture Notes in Mathematics*, 1436:77–100, 1990. CODEN LNMAA2. ISBN 3-540-52811-3 (print), 3-540-47154-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084042/>.

**Johannson:1995:GOR**

- [Joh95a] Klaus Johannson. Generalized one-relator 3-manifolds. *Lecture Notes in Mathematics*, 1599:147–245, 1995. CODEN LNMAA2. ISBN 3-540-59063-3 (print), 3-540-49181-3 (e-book).

ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0074008/>.

**Johannson:1995:H**

- [Joh95b] Klaus Johannson. Handlebodies. *Lecture Notes in Mathematics*, 1599:1–36, 1995. CODEN LNMAA2. ISBN 3-540-59063-3 (print), 3-540-49181-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0074006/>.

**Johannson:1995:RM**

- [Joh95c] Klaus Johannson.  $N$ -relation 3-manifolds. *Lecture Notes in Mathematics*, 1599:246–282, 1995. CODEN LNMAA2. ISBN 3-540-59063-3 (print), 3-540-49181-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0074009/>.

**Johannson:1995:RH**

- [Joh95d] Klaus Johannson. Relative handlebodies. *Lecture Notes in Mathematics*, 1599:37–146, 1995. CODEN LNMAA2. ISBN 3-540-59063-3 (print), 3-540-49181-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0074007/>.

**Johannson:1995:SHG**

- [Joh95e] Klaus Johannson. The space of Heegaard graphs. *Lecture Notes in Mathematics*, 1599:283–426, 1995. CODEN LNMAA2. ISBN 3-540-59063-3 (print), 3-540-49181-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0074010/>.

**Johannson:1995:TCM**

- [Joh95f] Klaus Johannson. *Topology and Combinatorics of 3-Manifolds*, volume 1599 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1995. CODEN LNMAA2. ISBN 3-540-59063-3 (print), 3-540-49181-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). xviii + 446 pp. LCCN QA3 .L28 no. 1599. URL <http://link.springer.com/book/10.1007/BFb0074005>; <http://www.springerlink.com/content/978-3-540-49181-1>.

**Johnson:1995:DSL**

- [Joh95g] Russell Johnson, editor. *Dynamical Systems: Lectures Given at the 2nd Session of the Centro Internazionale Matematico Estivo (C.I.M.E.) held in Montecatini Terme, Italy, June 13–22, 1994*, volume 1609 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1995. CODEN LNMAA2. ISBN 3-540-60047-7 (print), 3-540-49415-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1609. URL <http://link.springer.com/book/10.1007/BFb0095237>; <http://www.springerlink.com/content/978-3-540-49415-7>.

**Johnson:1998:AFE**

- [Joh98] Claes Johnson. Adaptive finite element methods for conservation laws. *Lecture Notes in Mathematics*, 1697:269–323, 1998. CODEN LNMAA2. ISBN 3-540-64977-8 (print), 3-540-49804-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096354/>.

**Jones:1992:KMP**

- [Jon92] Vaughan F. R. Jones. Knots in mathematics and physics. *Lecture Notes in Mathematics*, 1525:70–77, 1992. CODEN LNMAA2. ISBN 3-540-56011-4 (print), 3-540-47341-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0089206/>.

**Jones:1995:GSP**

- [Jon95] Christopher K. R. T. Jones. Geometric singular perturbation theory. *Lecture Notes in Mathematics*, 1609:44–118, 1995. CODEN LNMAA2. ISBN 3-540-60047-7 (print), 3-540-49415-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0095239/>.

**Jackowski:1991:ATP**

- [JOP91] Stefan Jackowski, Bob Oliver, and Krzysztof Pawałowski, editors. *Algebraic Topology Poznań 1989: Proceedings of a Conference held in Poznań, Poland, June 22–27, 1989*, volume 1474 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1991. CODEN LNMAA2. ISBN 3-540-54098-9 (print), 3-540-47403-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1474. URL <http://link.springer.com/book/10.1007/BFb0084733>;

<http://www.springerlink.com/content/978-3-540-47403-6>.

**Jouini:1997:MIE**

- [Jou97] Elyès Jouini. Market imperfections, equilibrium and arbitrage. *Lecture Notes in Mathematics*, 1656:247–307, 1997. CODEN LNMAA2. ISBN 3-540-62642-5 (print), 3-540-68356-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092002/>.

**Jourdain:1998:PTD**

- [Jou98] B. Jourdain. Propagation trajectorielle du chaos pour les lois de conservation scalaire. (French) []. *Lecture Notes in Mathematics*, 1686:215–230, 1998. CODEN LNMAA2. ISBN 3-540-64376-1 (print), 3-540-69762-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0101759/>.

**Jacod:1991:RED**

- [JP91a] J. Jacod and P. Protter. Une remarque sur les équations différentielles stochastiques à solutions markoviennes. (French) []. *Lecture Notes in Mathematics*, 1485:138–139, 1991. CODEN LNMAA2. ISBN 3-540-54616-2 (print), 3-540-38496-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0100853>.

**Jost:1991:GMS**

- [JP91b] Jürgen Jost and Xiao-Wei Peng. The geometry of moduli spaces of stable vector bundles over Riemann surfaces. *Lecture Notes in Mathematics*, 1481:79–96, 1991. CODEN LNMAA2. ISBN 3-540-54728-2 (print), 3-540-46445-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083631/>.

**Jacod:1997:MWF**

- [JPA97] Jean Jacod and Víctor Pérez-Abreu. On martingales which are finite sums of independent random variables with time dependent coefficients. *Lecture Notes in Mathematics*, 1655:62–68, 1997. CODEN LNMAA2. ISBN 3-540-62634-4 (print), 3-540-68352-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0119292/>.

**Janeczko:1991:CSC**

- [JR91a] Staszek Janeczko and Mark Roberts. Classification of symmetric caustics I: symplectic equivalence. *Lecture Notes in Mathematics*, 1463:193–219, 1991. CODEN LNMAA2. ISBN 3-540-53736-8 (print), 3-540-47047-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085432/>.

**Johnson:1991:FGA**

- [JR91b] F. E. A. Johnson and E. G. Rees. The fundamental groups of algebraic varieties. *Lecture Notes in Mathematics*, 1474:75–82, 1991. CODEN LNMAA2. ISBN 3-540-54098-9 (print), 3-540-47403-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084738/>.

**Jipsen:1992:ALV**

- [JR92a] Peter Jipsen and Henry Rose. Amalgamation in lattice varieties. *Lecture Notes in Mathematics*, 1533:128–148, 1992. CODEN LNMAA2. ISBN 3-540-56314-8 (print), 3-540-47514-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0090230/>.

**Jipsen:1992:EB**

- [JR92b] Peter Jipsen and Henry Rose. Equational bases. *Lecture Notes in Mathematics*, 1533:115–127, 1992. CODEN LNMAA2. ISBN 3-540-56314-8 (print), 3-540-47514-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0090229/>.

**Jipsen:1992:GR**

- [JR92c] Peter Jipsen and Henry Rose. General results. *Lecture Notes in Mathematics*, 1533:13–45, 1992. CODEN LNMAA2. ISBN 3-540-56314-8 (print), 3-540-47514-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0090226/>.

**Jipsen:1992:MV**

- [JR92d] Peter Jipsen and Henry Rose. Modular varieties. *Lecture Notes in Mathematics*, 1533:46–76, 1992. CODEN LNMAA2. ISBN 3-540-56314-8 (print), 3-540-47514-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0090227/>.

**Jipsen:1992:NV**

- [JR92e] Peter Jipsen and Henry Rose. Nonmodular varieties. *Lecture Notes in Mathematics*, 1533:77–114, 1992. CODEN LNMAA2. ISBN 3-540-56314-8 (print), 3-540-47514-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0090228/>.

**Jipsen:1992:P**

- [JR92f] Peter Jipsen and Henry Rose. Preliminaries. *Lecture Notes in Mathematics*, 1533:1–12, 1992. CODEN LNMAA2. ISBN 3-540-56314-8 (print), 3-540-47514-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0090225/>.

**Jipsen:1992:VL**

- [JR92g] Peter Jipsen and Henry Rose. *Varieties of Lattices*, volume 1533 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1992. CODEN LNMAA2. ISBN 3-540-56314-8 (print), 3-540-47514-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). x + 162 pp. LCCN QA3 .L28 no. 1533. URL <http://link.springer.com/book/10.1007/BFb0090224>; <http://www.springerlink.com/content/978-3-540-47514-9>.

**Jolis:1990:GMS**

- [JS90] Maria Jolis and Marta Sanz. On generalized multiple stochastic integrals and multiparameter anticipative calculus. *Lecture Notes in Mathematics*, 1444:141–182, 1990. CODEN LNMAA2. ISBN 3-540-53064-9 (print), 3-540-46596-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083614/>.

**Janeczko:1991:SSO**

- [JS91a] S. Janeczko and Ian Stewart. Symplectic singularities and optical diffraction. *Lecture Notes in Mathematics*, 1463:220–255, 1991. CODEN LNMAA2. ISBN 3-540-53736-8 (print), 3-540-47047-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085433/>.

**Johnson:1991:RTD**

- [JS91b] William B. Johnson and Gideon Schechtman. Remarks on Talagrand’s deviation inequality for Rademacher functions. *Lec-*

*Lecture Notes in Mathematics*, 1470:72–77, 1991. CODEN LNMAA2. ISBN 3-540-54206-X (print), 3-540-47493-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0090214/>.

**Jeanneret:1992:RTC**

- [JS92] Alain Jeanneret and Ulrich Suter. Réalisation topologique de certaines algèbres associées aux algèbres de Dickson. (French) []. *Lecture Notes in Mathematics*, 1509:235–239, 1992. CODEN LNMAA2. ISBN 3-540-55195-6 (print), 3-540-46772-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0087513/>.

**Jacod:1994:JFM**

- [JS94] J. Jacod and A. V. Skorohod. Jumping filtrations and martingales with finite variation. *Lecture Notes in Mathematics*, 1583: 21–35, 1994. CODEN LNMAA2. ISBN 3-540-58331-9 (print), 3-540-48656-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073831/>.

**Janelidze:1991:HAC**

- [JT91a] George Janelidze and Walter Tholen. How algebraic is the change-of-base functor? *Lecture Notes in Mathematics*, 1488: 174–186, 1991. CODEN LNMAA2. ISBN 3-540-54706-1 (print), 3-540-46435-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084219/>.

**Joyal:1991:SSC**

- [JT91b] André Joyal and Myles Tierney. Strong stacks and classifying spaces. *Lecture Notes in Mathematics*, 1488:213–236, 1991. CODEN LNMAA2. ISBN 3-540-54706-1 (print), 3-540-46435-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084222/>.

**Johnstone:1991:PPP**

- [JV91] Peter Johnstone and Steven Vickers. Preframe presentations present. *Lecture Notes in Mathematics*, 1488:193–212, 1991. CODEN LNMAA2. ISBN 3-540-54706-1 (print), 3-540-46435-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084221/>.

**Jeulin:1990:FPB**

- [JY90] T. Jeulin and M. Yor. Filtration des ponts browniens et équations différentielles stochastiques linéaires. (French) []. *Lecture Notes in Mathematics*, 1426:227–265, 1990. CODEN LNMAA2. ISBN 3-540-52694-3 (print), 3-540-47098-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083768/>.

**Jost:1991:HMK**

- [JY91] Jürgen Jost and Shing-Tung Yau. Harmonic maps and Kähler geometry. *Lecture Notes in Mathematics*, 1468:340–370, 1991. CODEN LNMAA2. ISBN 3-540-54053-9 (print), 3-540-47370-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086200/>.

**Jeulin:1993:MMS**

- [JY93] T. Jeulin and M. Yor. Moyennes mobiles et semimartingales. (French) []. *Lecture Notes in Mathematics*, 1557:53–77, 1993. CODEN LNMAA2. ISBN 3-540-57282-1 (print), 3-540-48034-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0087964/>.

**Kaczynski:1991:IDE**

- [Kac91] Tomasz Kaczynski. Implicit differential equations which are not solvable for the highest derivative. *Lecture Notes in Mathematics*, 1475:218–224, 1991. CODEN LNMAA2. ISBN 3-540-54120-9 (print), 3-540-47418-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083494/>.

**Kahn:1990:LPR**

- [Kah90a] Donald W. Kahn. List of papers on or relevant to groups of self-homotopy equivalences. *Lecture Notes in Mathematics*, 1425: 208–214, 1990. CODEN LNMAA2. ISBN 3-540-52658-7 (print), 3-540-47091-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083842/>.

**Kahn:1990:RSG**

- [Kah90b] Donald W. Kahn. Representations of the stable group of self-equivalences. *Lecture Notes in Mathematics*, 1425:58–70, 1990. CODEN LNMAA2. ISBN 3-540-52658-7 (print), 3-540-47091-3

(e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083831/>.

**Kahn:1990:SRP**

- [Kah90c] Donald W. Kahn. Some research problems on homotopy-self-equivalences. *Lecture Notes in Mathematics*, 1425:204–207, 1990. CODEN LNMAA2. ISBN 3-540-52658-7 (print), 3-540-47091-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083841/>.

**Kahane:1992:TP**

- [Kah92] Jean-Pierre Kahane. On a theorem of Pólya. *Lecture Notes in Mathematics*, 1511:106–112, 1992. CODEN LNMAA2. ISBN 3-540-55365-7 (print), 3-540-47041-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093803/>.

**Kahane:1994:PP**

- [Kah94] Jean-Pierre Kahane. Probabilistic problems. *Lecture Notes in Mathematics*, 1573:155–178, 1994. CODEN LNMAA2. ISBN 3-540-57870-6 (print), 3-540-48367-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0100204/>.

**Kaiser:1997:DBT**

- [Kai97a] Uwe Kaiser. 3-dimensional betti-trivial submanifolds. *Lecture Notes in Mathematics*, 1669:117–131, 1997. CODEN LNMAA2. ISBN 3-540-63435-5 (print), 3-540-69546-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092693/>.

**Kaiser:1997:ELB**

- [Kai97b] Uwe Kaiser. Enumeration of link bordism in 3-manifolds. *Lecture Notes in Mathematics*, 1669:21–36, 1997. CODEN LNMAA2. ISBN 3-540-63435-5 (print), 3-540-69546-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092688/>.

**Kaiser:1997:LBM**

- [Kai97c] Uwe Kaiser. Link bordism in manifolds. *Lecture Notes in Mathematics*, 1669:1–20, 1997. CODEN LNMAA2. ISBN 3-540-63435-5

(print), 3-540-69546-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092687/>.

**Kaiser:1997:LCB**

- [Kai97d] Uwe Kaiser. Link characteristic and band-operations in Betti-trivial 3-manifolds. *Lecture Notes in Mathematics*, 1669:99–116, 1997. CODEN LNMAA2. ISBN 3-540-63435-5 (print), 3-540-69546-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092692/>.

**Kaiser:1997:LIB**

- [Kai97e] Uwe Kaiser. Link invariants in betti-trivial 3-manifolds. *Lecture Notes in Mathematics*, 1669:85–98, 1997. CODEN LNMAA2. ISBN 3-540-63435-5 (print), 3-540-69546-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092691/>.

**Kaiser:1997:LTM**

- [Kai97f] Uwe Kaiser. *Link Theory in Manifolds*, volume 1669 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1997. CODEN LNMAA2. ISBN 3-540-63435-5 (print), 3-540-69546-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). xiv + 167 pp. LCCN QA3 .L28 no. 1669. URL <http://link.springer.com/book/10.1007/BFb0092686>; <http://www.springerlink.com/content/978-3-540-69546-2>.

**Kaiser:1997:LNM**

- [Kai97g] Uwe Kaiser. Linking number maps. *Lecture Notes in Mathematics*, 1669:37–68, 1997. CODEN LNMAA2. ISBN 3-540-63435-5 (print), 3-540-69546-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092689/>.

**Kaiser:1997:SSL**

- [Kai97h] Uwe Kaiser. Surface structures for links in 3-manifolds. *Lecture Notes in Mathematics*, 1669:69–84, 1997. CODEN LNMAA2. ISBN 3-540-63435-5 (print), 3-540-69546-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092690/>.

**Kajitani:1991:FIO**

- [Kaj91] Kunihiko Kajitani. Fourier integral operators with complex-valued phase function and the Cauchy problem for hyperbolic operators. *Lecture Notes in Mathematics*, 1505:1–70, 1991. CODEN LNMAA2. ISBN 3-540-55018-6 (print), 3-540-46655-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0090883/>.

**Kalashnikov:1993:TSE**

- [Kal93] V. V. Kalashnikov. Two-side estimates of geometric convolutions. *Lecture Notes in Mathematics*, 1546:76–88, 1993. CODEN LNMAA2. ISBN 3-540-56744-5 (print), 3-540-47645-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084484/>.

**Kallsen:1999:SDE**

- [Kal99] Jan Kallsen. A stochastic differential equation with a unique (up to indistinguishability) but not strong solution. *Lecture Notes in Mathematics*, 1709:315–326, 1999. CODEN LNMAA2. ISBN 3-540-66342-8 (print), 3-540-48407-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096520/>.

**Kandelaki:1990:TGB**

- [Kan90] Tamazi Kandelaki.  $K$ -theory of  $\mathbf{Z}_2$ -graded Banach categories. I. *Lecture Notes in Mathematics*, 1437:180–221, 1990. CODEN LNMAA2. ISBN 3-540-52836-9 (print), 3-540-47162-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086722/>.

**Kaneyuki:1991:CSS**

- [Kan91] Soji Kaneyuki. On the causal structures of the Silov boundaries of symmetric bounded domains. *Lecture Notes in Mathematics*, 1468:127–159, 1991. CODEN LNMAA2. ISBN 3-540-54053-9 (print), 3-540-47370-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086191/>.

**Kapranov:1991:DMR**

- [Kap91] M. M. Kapranov. On DG-modules over the de Rham complex and the vanishing cycles functor. *Lecture Notes in Mathematics*, 1479:57–86, 1991. CODEN LNMAA2. ISBN 3-540-54456-9

(print), 3-540-38388-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086264/>.

**Karandikar:1991:ASC**

- [Kar91] Rajeeva L. Karandikar. On almost sure convergence of modified Euler–Peano approximation of solution to an S.D.E. driven by a semimartingale. *Lecture Notes in Mathematics*, 1485:113–120, 1991. CODEN LNMAA2. ISBN 3-540-54616-2 (print), 3-540-38496-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0100851/>.

**Karpeshina:1997:IFW**

- [Kar97a] Yulia E. Karpeshina. The interaction of a free wave with a semi-bounded crystal. *Lecture Notes in Mathematics*, 1663:233–338, 1997. CODEN LNMAA2. ISBN 3-540-63136-4 (print), 3-540-69156-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094269/>.

**Karpeshina:1997:I**

- [Kar97b] Yulia E. Karpeshina. Introduction. *Lecture Notes in Mathematics*, 1663:1–22, 1997. CODEN LNMAA2. ISBN 3-540-63136-4 (print), 3-540-69156-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094265/>.

**Karpeshina:1997:PTPa**

- [Kar97c] Yulia E. Karpeshina. Perturbation theory for a polyharmonic operator in the case of  $2l > n$ . *Lecture Notes in Mathematics*, 1663:23–62, 1997. CODEN LNMAA2. ISBN 3-540-63136-4 (print), 3-540-69156-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094266/>.

**Karpeshina:1997:PTSa**

- [Kar97d] Yulia E. Karpeshina. Perturbation theory for Schrödinger operator with a periodic potential. *Lecture Notes in Mathematics*, 1663:99–232, 1997. CODEN LNMAA2. ISBN 3-540-63136-4 (print), 3-540-69156-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094268/>.

**Karpeshina:1997:PTPb**

- [Kar97e] Yulia E. Karpeshina. Perturbation theory for the polyharmonic operator in the case  $4l > n + 1$ . *Lecture Notes in Mathematics*, 1663:63–97, 1997. CODEN LNMAA2. ISBN 3-540-63136-4 (print), 3-540-69156-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094267/>.

**Karpeshina:1997:PTSb**

- [Kar97f] Yulia E. Karpeshina. *Perturbation Theory for the Schrödinger Operator with a Periodic Potential*, volume 1663 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1997. CODEN LNMAA2. ISBN 3-540-63136-4 (print), 3-540-69156-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). viii + 352 pp. LCCN QA3 .L28 no. 1663. URL <http://link.springer.com/book/10.1007/BFb0094264>; <http://www.springerlink.com/content/978-3-540-69156-3>.

**Kato:1990:LFM**

- [Kat90] Tosio Kato. Liapunov functions and monotonicity in the Navier–Stokes equation. *Lecture Notes in Mathematics*, 1450:53–63, 1990. CODEN LNMAA2. ISBN 3-540-53393-1 (print), 3-540-46818-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084898/>.

**Kato:1993:LAI**

- [Kat93a] Kazuya Kato. Lectures on the approach to Iwasawa theory for Hasse–Weil  $L$ -functions via  $B_{dR}$ . Part I. *Lecture Notes in Mathematics*, 1553:50–163, 1993. CODEN LNMAA2. ISBN 3-540-57110-8 (print), 3-540-47909-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084729/>.

**Kato:1993:AEE**

- [Kat93b] Tosio Kato. Abstract evolution equations, linear and quasilinear, revisited. *Lecture Notes in Mathematics*, 1540:103–125, 1993. CODEN LNMAA2. ISBN 3-540-56471-3 (print), 3-540-47565-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085477/>.

**Kawamata:1992:MDA**

- [Kaw92] Yujiro Kawamata. Moderate degenerations of algebraic surfaces. *Lecture Notes in Mathematics*, 1507:113–132, 1992. CODEN LNMAA2. ISBN 3-540-55235-9 (print), 3-540-46786-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094514/>.

**Kawahigashi:1993:ESO**

- [Kaw93] Yasuyuki Kawahigashi. Exactly solvable orbifold models and subfactors. *Lecture Notes in Mathematics*, 1540:127–147, 1993. CODEN LNMAA2. ISBN 3-540-56471-3 (print), 3-540-47565-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085478/>.

**Kazhikov:1990:BVP**

- [Kaz90] A. V. Kazhikov. Boundary-value problems for Navier–Stokes equations of viscous gas. *Lecture Notes in Mathematics*, 1431: 169–172, 1990. CODEN LNMAA2. ISBN 3-540-52770-2 (print), 3-540-47141-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086067/>.

**Kazamaki:1994:BM**

- [Kaz94a] Norihiko Kazamaki. BMO-martingales. *Lecture Notes in Mathematics*, 1579:25–52, 1994. CODEN LNMAA2. ISBN 3-540-58042-5 (print), 3-540-48421-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073587/>.

**Kazamaki:1994:CEM**

- [Kaz94b] Norihiko Kazamaki. *Continuous Exponential Martingales and BMO*, volume 1579 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1994. CODEN LNMAA2. ISBN 3-540-58042-5 (print), 3-540-48421-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). viii + 91 pp. LCCN QA3 .L28 no. 1579. URL <http://link.springer.com/book/10.1007/BFb0073585>; <http://www.springerlink.com/content/978-3-540-48421-9>.

**Kazamaki:1994:EM**

- [Kaz94c] Norihiko Kazamaki. Exponential martingales. *Lecture Notes in Mathematics*, 1579:1–24, 1994. CODEN LNMAA2. ISBN

3-540-58042-5 (print), 3-540-48421-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073586/>.

**Kazamaki:1994:EB**

- [Kaz94d] Norihiko Kazamaki. Exponential of BMO. *Lecture Notes in Mathematics*, 1579:53–84, 1994. CODEN LNMAA2. ISBN 3-540-58042-5 (print), 3-540-48421-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073588/>.

**Kushkuley:1996:DTEb**

- [KB96a] Alexander Kushkuley and Zalman Balanov. Degree theory for equivariant maps of finite-dimensional manifolds: Smooth actions. *Lecture Notes in Mathematics*, 1632:43–73, 1996. CODEN LNMAA2. ISBN 3-540-61529-6 (print), 3-540-68726-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092826/>.

**Kushkuley:1996:DTEa**

- [KB96b] Alexander Kushkuley and Zalman Balanov. Degree theory for equivariant maps of finite-dimensional manifolds: Topological actions. *Lecture Notes in Mathematics*, 1632:31–42, 1996. CODEN LNMAA2. ISBN 3-540-61529-6 (print), 3-540-68726-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092825/>.

**Kushkuley:1996:FDE**

- [KB96c] Alexander Kushkuley and Zalman Balanov. Fundamental domains and extension of equivariant maps. *Lecture Notes in Mathematics*, 1632:13–30, 1996. CODEN LNMAA2. ISBN 3-540-61529-6 (print), 3-540-68726-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092824/>.

**Kushkuley:1996:GMD**

- [KB96d] Alexander Kushkuley and Zalman Balanov. *Geometric Methods in Degree Theory for Equivariant Maps*, volume 1632 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1996. CODEN LNMAA2. ISBN 3-540-61529-6 (print), 3-540-68726-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic).

vi + 136 pp. LCCN QA3 .L28 no. 1632. URL <http://link.springer.com/book/10.1007/BFb0092822>; <http://www.springerlink.com/content/978-3-540-68726-9>.

**Kushkuley:1996:I**

- [KB96e] Alexander Kushkuley and Zalman Balanov. Introduction. *Lecture Notes in Mathematics*, 1632:1–12, 1996. CODEN LNMAA2. ISBN 3-540-61529-6 (print), 3-540-68726-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092823/>.

**Kushkuley:1996:SA**

- [KB96f] Alexander Kushkuley and Zalman Balanov. Some applications. *Lecture Notes in Mathematics*, 1632:86–125, 1996. CODEN LNMAA2. ISBN 3-540-61529-6 (print), 3-540-68726-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092828/>.

**Kushkuley:1996:WNE**

- [KB96g] Alexander Kushkuley and Zalman Balanov. A winding number of equivariant vector fields in infinite dimensional Banach spaces. *Lecture Notes in Mathematics*, 1632:74–85, 1996. CODEN LNMAA2. ISBN 3-540-61529-6 (print), 3-540-68726-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092827/>.

**Keller:1991:LEC**

- [Kel91a] Gerhard Keller. Lyapunov exponents and complexity for interval maps. *Lecture Notes in Mathematics*, 1486:216–226, 1991. CODEN LNMAA2. ISBN 3-540-54662-6 (print), 3-540-46431-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086671/>.

**Kelly:1991:NRR**

- [Kel91b] G. M. Kelly. A note on relations relative to a factorization system. *Lecture Notes in Mathematics*, 1488:249–261, 1991. CODEN LNMAA2. ISBN 3-540-54706-1 (print), 3-540-46435-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084224/>.

**Keller:1998:CTE**

- [Kel98] Bernhard Keller. On the construction of triangle equivalences. *Lecture Notes in Mathematics*, 1685:155–176, 1998. CODEN

LNMAA2. ISBN 3-540-64311-7 (print), 3-540-69748-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096374/>.

**Kempf:1991:EMI**

- [Kem91a] George R. Kempf. Effective methods in invariant theory. *Lecture Notes in Mathematics*, 1479:90–93, 1991. CODEN LNMAA2. ISBN 3-540-54456-9 (print), 3-540-38388-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086266/>.

**Kempf:1991:MCI**

- [Kem91b] George R. Kempf. More on computing invariants. *Lecture Notes in Mathematics*, 1479:87–89, 1991. CODEN LNMAA2. ISBN 3-540-54456-9 (print), 3-540-38388-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086265/>.

**Kenig:1993:PTN**

- [Ken93] Carlos E. Kenig. Potential theory of non-divergence form elliptic equations. *Lecture Notes in Mathematics*, 1563:89–128, 1993. CODEN LNMAA2. ISBN 3-540-57421-2 (print), 3-540-48151-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0074092/>.

**Kenmochi:1994:SNP**

- [Ken94] Nobuyuki Kenmochi. Systems of nonlinear PDEs arising from dynamical phase transitions. *Lecture Notes in Mathematics*, 1584: 39–86, 1994. CODEN LNMAA2. ISBN 3-540-58386-6 (print), 3-540-48678-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073395/>.

**Komura:1993:WEN**

- [KF93] Yukio Kōmura and Kiyoko Furuya. Wave equations in nonreflexive spaces. *Lecture Notes in Mathematics*, 1540:235–238, 1993. CODEN LNMAA2. ISBN 3-540-56471-3 (print), 3-540-47565-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085482/>.

**Khimshiashvili:1992:FAL**

- [Khi92] G. N. Khimshiashvili. On Fredholmian aspects of linear transmission problems. *Lecture Notes in Mathematics*, 1520:193–216, 1992.

CODEN LNMAA2. ISBN 3-540-55583-8 (print), 3-540-47223-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084722/>.

**Khokhlov:1993:FLT**

- [Kho93] Yu. S. Khokhlov. The functional limit theorem on nilpotent Lie group. *Lecture Notes in Mathematics*, 1546:163–166, 1993. CODEN LNMAA2. ISBN 3-540-56744-5 (print), 3-540-47645-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084491/>.

**Khoshnevisan:1997:SPS**

- [Kho97] Davar Khoshnevisan. Some polar sets for the Brownian sheet. *Lecture Notes in Mathematics*, 1655:190–197, 1997. CODEN LNMAA2. ISBN 3-540-62634-4 (print), 3-540-68352-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0119303/>.

**Khrushchev:1993:POP**

- [Khr93] S. Khrushchëv. Parameters of orthogonal polynomials. *Lecture Notes in Mathematics*, 1550:185–191, 1993. CODEN LNMAA2. ISBN 3-540-56931-6 (print), 3-540-47792-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0117487/>.

**Khuri:1990:MRP**

- [Khu90] Soumaya Makdissi Khuri. Modules with regular, perfect, Noetherian or Artinian endomorphism rings. *Lecture Notes in Mathematics*, 1448:7–18, 1990. CODEN LNMAA2. ISBN 3-540-53164-5 (print), 3-540-46745-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0091246/>.

**Kifer:1991:LDR**

- [Kif91] Yuri Kifer. Large deviations for random expanding maps. *Lecture Notes in Mathematics*, 1486:178–186, 1991. CODEN LNMAA2. ISBN 3-540-54662-6 (print), 3-540-46431-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086667/>.

**Kiming:1994:EVA**

- [Kim94] Ian Kiming. On the experimental verification of the Artin conjecture for 2-dimensional odd Galois representations over  $Q$  lift-

ings of 2-dimensional projective Galois representations over  $Q$ . *Lecture Notes in Mathematics*, 1585:1–36, 1994. CODEN LNMAA2. ISBN 3-540-58387-4 (print), 3-540-48681-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0074107/>.

**Kinzelbach:1994:GCD**

- [Kin94] Martin Kinzelbach. A. Geometrical construction of 2-dimensional Galois representations of  $A_5$ -type. B. On the realisation of the groups  $\mathrm{PSL}_2(1)$  as Galois groups over number fields by means of  $l$ -torsion points of elliptic curves. *Lecture Notes in Mathematics*, 1585:47–58, 1994. CODEN LNMAA2. ISBN 3-540-58387-4 (print), 3-540-48681-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0074109/>.

**Kirschenhofer:1990:VSD**

- [Kir90] Peter Kirschenhofer. On the variance of the sum of digits function. *Lecture Notes in Mathematics*, 1452:112–116, 1990. CODEN LNMAA2. ISBN 3-540-53408-3 (print), 3-540-46864-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096983/>.

**Kisliakov:1994:BS**

- [Kis94] S. V. Kisliakov. Banach spaces. *Lecture Notes in Mathematics*, 1573:1–50, 1994. CODEN LNMAA2. ISBN 3-540-57870-6 (print), 3-540-48367-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0100202/>.

**Kitada:1993:ACB**

- [Kit93] Hitoshi Kitada. Asymptotic completeness of  $N$ -body wave operators II. A new proof for the short-range case and the asymptotic clustering for long-range systems. *Lecture Notes in Mathematics*, 1540:149–189, 1993. CODEN LNMAA2. ISBN 3-540-56471-3 (print), 3-540-47565-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085479/>.

**Kitahara:1994:ASF**

- [Kit94a] Kazuaki Kitahara. Approximation by step functions. *Lecture Notes in Mathematics*, 1576:78–89, 1994. CODEN LNMAA2. ISBN 3-540-57974-5 (print), 3-540-48404-3 (e-book).

ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0091390/>.

**Kitahara:1994:AVV**

- [Kit94b] Kazuaki Kitahara. Approximation by vector-valued monotone increasing or convex functions. *Lecture Notes in Mathematics*, 1576: 58–77, 1994. CODEN LNMAA2. ISBN 3-540-57974-5 (print), 3-540-48404-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0091389/>.

**Kitahara:1994:CAT**

- [Kit94c] Kazuaki Kitahara. Characterizations of approximating spaces of  $C[a, b]$  or  $C_0(Q)$ . *Lecture Notes in Mathematics*, 1576:8–29, 1994. CODEN LNMAA2. ISBN 3-540-57974-5 (print), 3-540-48404-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0091387/>.

**Kitahara:1994:P**

- [Kit94d] Kazuaki Kitahara. Preliminaries. *Lecture Notes in Mathematics*, 1576:1–7, 1994. CODEN LNMAA2. ISBN 3-540-57974-5 (print), 3-540-48404-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0091386/>.

**Kitahara:1994:STH**

- [Kit94e] Kazuaki Kitahara. Some topics of Haar-like spaces of  $F[a, b]$ . *Lecture Notes in Mathematics*, 1576:30–57, 1994. CODEN LNMAA2. ISBN 3-540-57974-5 (print), 3-540-48404-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0091388/>.

**Kitahara:1994:SAF**

- [Kit94f] Kazuaki Kitahara. *Spaces of Approximating Functions with Haar-like Conditions*, volume 1576 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1994. CODEN LNMAA2. ISBN 3-540-57974-5 (print), 3-540-48404-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). x + 110 pp. LCCN QA3 .L28 no. 1576. URL <http://link.springer.com/book/10.1007/BFb0091385>; <http://www.springerlink.com/content/978-3-540-48404-2>.

**Kurzweil:1990:PID**

- [KJ90] Jaroslav Kurzweil and Jiří Jarník. The pu-integral: its definition and some basic properties. *Lecture Notes in Mathematics*, 1419: 66–81, 1990. CODEN LNMAA2. ISBN 3-540-52322-7 (print), 3-540-46955-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083100/>.

**Korolev:1993:LTR**

- [KK93] V. Yu. Korolev and V. M. Kruglov. Limit theorems for random sums of independent random variables. *Lecture Notes in Mathematics*, 1546:100–120, 1993. CODEN LNMAA2. ISBN 3-540-56744-5 (print), 3-540-47645-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084486/>.

**Kleiman:1990:MPF**

- [Kle90] Steven L. Kleiman. Multiple-point formulas II: The Hilbert scheme. *Lecture Notes in Mathematics*, 1436:101–138, 1990. CODEN LNMAA2. ISBN 3-540-52811-3 (print), 3-540-47154-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084043/>.

**Klaas:1997:AFF**

- [KLGP97a] Gundel Klaas, Charles R. Leedham-Green, and Wilhelm Plesken. Algorithm for finding a filtration and the obliquity. *Lecture Notes in Mathematics*, 1674:68–77, 1997. CODEN LNMAA2. ISBN 3-540-63643-9 (print), 3-540-69623-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094096/>.

**Klaas:1997:AF**

- [KLGP97b] Gundel Klaas, Charles R. Leedham-Green, and Wilhelm Plesken. Algorithms on fields. *Lecture Notes in Mathematics*, 1674:59–61, 1997. CODEN LNMAA2. ISBN 3-540-63643-9 (print), 3-540-69623-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094094/>.

**Klaas:1997:CG**

- [KLGP97c] Gundel Klaas, Charles R. Leedham-Green, and Wilhelm Plesken. Chevalley groups. *Lecture Notes in Mathematics*, 1674:26–29,

1997. CODEN LNMAA2. ISBN 3-540-63643-9 (print), 3-540-69623-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094091/>.

Klaas:1997:EPW

- [KLGP97d] Gundel Klaas, Charles R. Leedham-Green, and Wilhelm Plesken. Elementary properties of width. *Lecture Notes in Mathematics*, 1674:9–11, 1997. CODEN LNMAA2. ISBN 3-540-63643-9 (print), 3-540-69623-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094088/>.

Klaas:1997:FSD

- [KLGP97e] Gundel Klaas, Charles R. Leedham-Green, and Wilhelm Plesken. Fields of small degree. *Lecture Notes in Mathematics*, 1674:62–67, 1997. CODEN LNMAA2. ISBN 3-540-63643-9 (print), 3-540-69623-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094095/>.

Klaas:1997:I

- [KLGP97f] Gundel Klaas, Charles R. Leedham-Green, and Wilhelm Plesken. Introduction. *Lecture Notes in Mathematics*, 1674:1–8, 1997. CODEN LNMAA2. ISBN 3-540-63643-9 (print), 3-540-69623-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094087/>.

Klaas:1997:LPG

- [KLGP97g] Gundel Klaas, Charles R. Leedham-Green, and Wilhelm Plesken. *Linear Pro- $p$ -Groups of Finite Width*, volume 1674 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1997. CODEN LNMAA2. ISBN 3-540-63643-9 (print), 3-540-69623-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). viii + 115 pp. LCCN QA3 .L28 no. 1674. URL <http://link.springer.com/book/10.1007/BFb0094086>; <http://www.springerlink.com/content/978-3-540-69623-0>.

Klaas:1997:ASG

- [KLGP97h] Gundel Klaas, Charles R. Leedham-Green, and Wilhelm Plesken.  $p$ -adically simple groups ( $\tilde{p}$ -groups). *Lecture Notes in Mathematics*, 1674:12–20, 1997. CODEN LNMAA2. ISBN 3-540-63643-9

(print), 3-540-69623-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094089/>.

**Klaas:1997:P**

- [KLGP97i] Gundel Klaas, Charles R. Leedham-Green, and Wilhelm Plesken. Periodicity. *Lecture Notes in Mathematics*, 1674:21–25, 1997. CODEN LNMAA2. ISBN 3-540-63643-9 (print), 3-540-69623-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094090/>.

**Klaas:1997:SCG**

- [KLGP97j] Gundel Klaas, Charles R. Leedham-Green, and Wilhelm Plesken. Some classical groups. *Lecture Notes in Mathematics*, 1674:30–54, 1997. CODEN LNMAA2. ISBN 3-540-63643-9 (print), 3-540-69623-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094092/>.

**Klaas:1997:SOP**

- [KLGP97k] Gundel Klaas, Charles R. Leedham-Green, and Wilhelm Plesken. Some open problems. *Lecture Notes in Mathematics*, 1674:108, 1997. CODEN LNMAA2. ISBN 3-540-63643-9 (print), 3-540-69623-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094100>.

**Klaas:1997:STG**

- [KLGP97l] Gundel Klaas, Charles R. Leedham-Green, and Wilhelm Plesken. Some thin groups. *Lecture Notes in Mathematics*, 1674:55–58, 1997. CODEN LNMAA2. ISBN 3-540-63643-9 (print), 3-540-69623-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094093/>.

**Klaas:1997:T**

- [KLGP97m] Gundel Klaas, Charles R. Leedham-Green, and Wilhelm Plesken. Tables. *Lecture Notes in Mathematics*, 1674:92–105, 1997. CODEN LNMAA2. ISBN 3-540-63643-9 (print), 3-540-69623-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094098/>.

**Klaas:1997:TBT**

- [KLP97n] Gundel Klaas, Charles R. Leedham-Green, and Wilhelm Plesken. The theory behind the tables. *Lecture Notes in Mathematics*, 1674:78–91, 1997. CODEN LNMAA2. ISBN 3-540-63643-9 (print), 3-540-69623-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094097/>.

**Klaas:1997:UMJ**

- [KLP97o] Gundel Klaas, Charles R. Leedham-Green, and Wilhelm Plesken. Uncountably many just infinite pro- $p$ -groups of finite width. *Lecture Notes in Mathematics*, 1674:106–107, 1997. CODEN LNMAA2. ISBN 3-540-63643-9 (print), 3-540-69623-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094099>.

**Kumar:1997:FM**

- [KLS97] Shrawan Kumar, Gérard Laumon, and Ulrich Stuhler. Front matter. *Lecture Notes in Mathematics*, 1649:??, 1997. CODEN LNMAA2. ISBN 3-540-62401-5 (print), 3-540-49701-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/content/pdf/bfm:978-3-540-49701-1/1.pdf>.

**Kozlov:1997:AOD**

- [KM97a] Vladimir Kozlov and Vladimir Maz'ya. Application to ordinary differential equations with operator coefficients. *Lecture Notes in Mathematics*, 1659:127–136, 1997. CODEN LNMAA2. ISBN 3-540-63065-1 (print), 3-540-69122-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094708/>.

**Kozlov:1997:ASI**

- [KM97b] Vladimir Kozlov and Vladimir Maz'ya. Asymptotics of solutions at infinity. *Lecture Notes in Mathematics*, 1659:111–125, 1997. CODEN LNMAA2. ISBN 3-540-63065-1 (print), 3-540-69122-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094707/>.

**Kozlov:1997:BEC**

- [KM97c] Vladimir Kozlov and Vladimir Maz'ya. Basic equation with constant coefficients. *Lecture Notes in Mathematics*, 1659:1–14, 1997.

CODEN LNMAA2. ISBN 3-540-63065-1 (print), 3-540-69122-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094701/>.

**Kozlov:1997:GFO**

- [KM97d] Vladimir Kozlov and Vladimir Maz'ya. Green's function for the operator  $M(\partial_t) - \omega(t)$ . *Lecture Notes in Mathematics*, 1659:37–45, 1997. CODEN LNMAA2. ISBN 3-540-63065-1 (print), 3-540-69122-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094704/>.

**Kozlov:1997:OC**

- [KM97e] Vladimir Kozlov and Vladimir Maz'ya. The operator  $M(\partial_t) - \omega_0$  with constant  $\omega_0$ . *Lecture Notes in Mathematics*, 1659:25–35, 1997. CODEN LNMAA2. ISBN 3-540-63065-1 (print), 3-540-69122-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094703/>.

**Kozlov:1997:OSI**

- [KM97f] Vladimir Kozlov and Vladimir Maz'ya. The operator  $M(\partial_t)$  on a semiaxis and an interval. *Lecture Notes in Mathematics*, 1659:15–24, 1997. CODEN LNMAA2. ISBN 3-540-63065-1 (print), 3-540-69122-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094702/>.

**Kozlov:1997:PUV**

- [KM97g] Vladimir Kozlov and Vladimir Maz'ya. Properties of  $M(\partial_t - \omega(t))$  under various assumptions about  $\omega(t)$ . *Lecture Notes in Mathematics*, 1659:81–110, 1997. CODEN LNMAA2. ISBN 3-540-63065-1 (print), 3-540-69122-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094706/>.

**Kozlov:1997:THO**

- [KM97h] Vladimir Kozlov and Vladimir Maz'ya. *Theory of a Higher-Order Sturm-Liouville Equation*, volume 1659 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1997. CODEN LNMAA2. ISBN 3-540-63065-1 (print), 3-540-69122-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). xii + 140 pp. LCCN QA3 .L28 no. 1659.

URL <http://link.springer.com/book/10.1007/BFb0094700>;  
<http://www.springerlink.com/content/978-3-540-69122-8>.

**Kozlov:1997:USP**

- [KM97i] Vladimir Kozlov and Vladimir Maz'ya. Uniqueness and solvability properties of the operator  $M(\partial_t - \omega(t))$ . *Lecture Notes in Mathematics*, 1659:47–80, 1997. CODEN LNMAA2. ISBN 3-540-63065-1 (print), 3-540-69122-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094705/>.

**Kollar:1992:RCF**

- [KMM92] János Kollár, Yoichi Miyaoka, and Shigefumi Mori. Rational curves on Fano varieties. *Lecture Notes in Mathematics*, 1515: 100–105, 1992. CODEN LNMAA2. ISBN 3-540-55295-2 (print), 3-540-47016-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0098339/>.

**Kajitani:1991:HCP**

- [KN91] Kunihiko Kajitani and Tatsuo Nishitani. *The Hyperbolic Cauchy Problem*, volume 1505 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1991. CODEN LNMAA2. ISBN 3-540-55018-6 (print), 3-540-46655-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). viii + 168 pp. LCCN QA3 .L28 no. 1505. URL <http://link.springer.com/book/10.1007/BFb0090882>; <http://www.springerlink.com/content/978-3-540-46655-0>.

**Knarr:1995:ES**

- [Kna95a] Norbert Knarr. Examples and supplements. *Lecture Notes in Mathematics*, 1611:48–60, 1995. CODEN LNMAA2. ISBN 3-540-60208-9 (print), 3-540-44724-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096315/>.

**Knarr:1995:F**

- [Kna95b] Norbert Knarr. Foundations. *Lecture Notes in Mathematics*, 1611: 5–24, 1995. CODEN LNMAA2. ISBN 3-540-60208-9 (print), 3-540-44724-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096312/>.

**Knarr:1995:I**

- [Kna95c] Norbert Knarr. Introduction. *Lecture Notes in Mathematics*, 1611:1–4, 1995. CODEN LNMAA2. ISBN 3-540-60208-9 (print), 3-540-44724-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096311/>.

**Knarr:1995:KS**

- [Kna95d] Norbert Knarr. Kinematic spaces. *Lecture Notes in Mathematics*, 1611:40–47, 1995. CODEN LNMAA2. ISBN 3-540-60208-9 (print), 3-540-44724-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096314/>.

**Knarr:1995:LCD**

- [Kna95e] Norbert Knarr. Locally compact 4-dimensional translation planes. *Lecture Notes in Mathematics*, 1611:61–77, 1995. CODEN LNMAA2. ISBN 3-540-60208-9 (print), 3-540-44724-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096316/>.

**Knarr:1995:LCT**

- [Kna95f] Norbert Knarr. Locally compact translation planes of higher dimension. *Lecture Notes in Mathematics*, 1611:95–103, 1995. CODEN LNMAA2. ISBN 3-540-60208-9 (print), 3-540-44724-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096318/>.

**Knarr:1995:PLT**

- [Kna95g] Norbert Knarr. Planes of Lenz type V with complex kernel. *Lecture Notes in Mathematics*, 1611:78–94, 1995. CODEN LNMAA2. ISBN 3-540-60208-9 (print), 3-540-44724-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096317/>.

**Knarr:1995:SDP**

- [Kna95h] Norbert Knarr. Spreads of 3-dimensional projective spaces. *Lecture Notes in Mathematics*, 1611:25–39, 1995. CODEN LNMAA2. ISBN 3-540-60208-9 (print), 3-540-44724-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096313/>.

**Knarr:1995:TPF**

- [Kna95i] Norbert Knarr. *Translation Planes: Foundations and Construction Principles*, volume 1611 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1995. CODEN LNMAA2. ISBN 3-540-60208-9 (print), 3-540-44724-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). vi + 112 pp. LCCN QA3 .L28 no. 1611. URL <http://link.springer.com/book/10.1007/BFb0096310>; <http://www.springerlink.com/content/978-3-540-44724-5>.

**Knebusch:1992:STL**

- [Kne92] Manfred Knebusch. Semialgebraic topology in the last ten years. *Lecture Notes in Mathematics*, 1524:1–36, 1992. CODEN LNMAA2. ISBN 3-540-55992-2 (print), 3-540-47337-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084606/>.

**Knill:1991:ULE**

- [Kni91] Oliver Knill. The upper Lyapunov exponent of  $\mathrm{Sl}(2, R)$  cocycles: Discontinuity and the problem of positivity. *Lecture Notes in Mathematics*, 1486:86–97, 1991. CODEN LNMAA2. ISBN 3-540-54662-6 (print), 3-540-46431-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086660/>.

**Knight:1993:SRM**

- [Kni93] Frank Knight. Some remarks on mutual windings. *Lecture Notes in Mathematics*, 1557:36–43, 1993. CODEN LNMAA2. ISBN 3-540-57282-1 (print), 3-540-48034-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0087962/>.

**Kincaid:1990:RVP**

- [KO90a] David R. Kincaid and Thomas C. Oppe. Recent vectorization and parallelization of ITPACKV. *Lecture Notes in Mathematics*, 1457:58–78, 1990. CODEN LNMAA2. ISBN 3-540-53515-2 (print), 3-540-46746-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0090902/>.

**Knapp:1990:KCR**

- [KO90b] K. Knapp and E. Ossa. KO-codegree and real line bundles. *Lecture Notes in Mathematics*, 1418:130–139, 1990. CODEN LNMAA2. ISBN 3-540-52246-8 (print), 3-540-46938-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083698/>.

**Knaust:1991:WNS**

- [KO91] Helmut Knaust and Edward Odell. Weakly null sequences with upper  $\ell_p$ -estimates. *Lecture Notes in Mathematics*, 1470:85–107, 1991. CODEN LNMAA2. ISBN 3-540-54206-X (print), 3-540-47493-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0090216/>.

**Kobayashi:1993:SLL**

- [KO93] Yoshikazu Kobayashi and Shinnosuke Oharu. Semigroups of locally Lipschitzian operators and applications. *Lecture Notes in Mathematics*, 1540:191–211, 1993. CODEN LNMAA2. ISBN 3-540-56471-3 (print), 3-540-47565-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085480/>.

**Kobayashi:1990:MVB**

- [Kob90] Shoshichi Kobayashi. On moduli of vector bundles. *Lecture Notes in Mathematics*, 1422:45–57, 1990. CODEN LNMAA2. ISBN 3-540-52434-7 (print), 3-540-46988-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0089404/>.

**Kochman:1990:CS**

- [Koc90a] Stanley O. Kochman. The Chicago stem ( $\pi_N^S, 32 \leq N \leq 45$ ). *Lecture Notes in Mathematics*, 1423:139–211, 1990. CODEN LNMAA2. ISBN 3-540-52468-1 (print), 3-540-46993-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083801/>.

**Kochman:1990:EAI**

- [Koc90b] Stanley O. Kochman. The elements of arf invariant one. *Lecture Notes in Mathematics*, 1423:284–293, 1990. CODEN LNMAA2. ISBN 3-540-52468-1 (print), 3-540-46993-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083803/>.

**Kochman:1990:IJ**

- [Koc90c] Stanley O. Kochman. The image of *J.* *Lecture Notes in Mathematics*, 1423:72–98, 1990. CODEN LNMAA2. ISBN 3-540-52468-1 (print), 3-540-46993-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083799>.

**Kochman:1990:I**

- [Koc90d] Stanley O. Kochman. Introduction. *Lecture Notes in Mathematics*, 1423:1–11, 1990. CODEN LNMAA2. ISBN 3-540-52468-1 (print), 3-540-46993-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083796>.

**Kochman:1990:JS**

- [Koc90e] Stanley O. Kochman. The Japanese stems ( $\pi_N, 9 \leq N \leq 31$ ). *Lecture Notes in Mathematics*, 1423:99–138, 1990. CODEN LNMAA2. ISBN 3-540-52468-1 (print), 3-540-46993-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083800>.

**Kochman:1990:LDC**

- [Koc90f] Stanley O. Kochman. Low dimensional computations. *Lecture Notes in Mathematics*, 1423:35–71, 1990. CODEN LNMAA2. ISBN 3-540-52468-1 (print), 3-540-46993-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083798>.

**Kochman:1990:NS**

- [Koc90g] Stanley O. Kochman. The new stems ( $\pi_N^S, 46 \leq N \leq 64$ ). *Lecture Notes in Mathematics*, 1423:212–283, 1990. CODEN LNMAA2. ISBN 3-540-52468-1 (print), 3-540-46993-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083802>.

**Kochman:1990:SHG**

- [Koc90h] Stanley O. Kochman. *Stable Homotopy Groups of Spheres: A Computer-Assisted Approach*, volume 1423 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1990. CODEN LNMAA2. ISBN 3-540-52468-1 (print), 3-540-46993-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). viii

+ 330 pp. LCCN QA3 .L28 no. 1423. URL <http://link.springer.com/book/10.1007/BFb0083795>; <http://www.springerlink.com/content/978-3-540-46993-3>.

**Kochman:1990:TB**

- [Koc90i] Stanley O. Kochman. Toda brackets. *Lecture Notes in Mathematics*, 1423:12–34, 1990. CODEN LNMAA2. ISBN 3-540-52468-1 (print), 3-540-46993-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083797>.

**Kock:1991:APM**

- [Koc91] Anders Kock. Algebras for the partial map classifier monad. *Lecture Notes in Mathematics*, 1488:262–278, 1991. CODEN LNMAA2. ISBN 3-540-54706-1 (print), 3-540-46435-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084225>.

**Koecher:1999:CJA**

- [Koe99a] Max Koecher. Complex Jordan algebras. *Lecture Notes in Mathematics*, 1710:93–108, 1999. CODEN LNMAA2. ISBN 3-540-66360-6 (print), 3-540-48402-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096290>.

**Koecher:1999:DP**

- [Koe99b] Max Koecher. Domains of positivity. *Lecture Notes in Mathematics*, 1710:1–33, 1999. CODEN LNMAA2. ISBN 3-540-66360-6 (print), 3-540-48402-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096286>.

**Koecher:1999:HS**

- [Koe99c] Max Koecher. Half-spaces. *Lecture Notes in Mathematics*, 1710:127–155, 1999. CODEN LNMAA2. ISBN 3-540-66360-6 (print), 3-540-48402-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096292>.

**Koecher:1999:JA**

- [Koe99d] Max Koecher. Jordan algebras. *Lecture Notes in Mathematics*, 1710:53–72, 1999. CODEN LNMAA2. ISBN 3-540-66360-6

(print), 3-540-48402-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096288/>.

**Koecher:1999:JAO**

- [Koe99e] Max Koecher. Jordan algebras and omega domains. *Lecture Notes in Mathematics*, 1710:109–126, 1999. CODEN LNMAA2. ISBN 3-540-66360-6 (print), 3-540-48402-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096291/>.

**Koecher:1999:MNJ**

- [Koe99f] Max Koecher. *The Minnesota Notes on Jordan Algebras and Their Applications*, volume 1710 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1999. CODEN LNMAA2. ISBN 3-540-66360-6 (print), 3-540-48402-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). x + 175 pp. LCCN QA3 .L28 no. 1710. URL <http://link.springer.com/book/10.1007/BFb0096285>; <http://www.springerlink.com/content/978-3-540-48402-8>. Edited and annotated by Aloys Krieg and Sebastian Walcher.

**Koecher:1999:OD**

- [Koe99g] Max Koecher. Omega domains. *Lecture Notes in Mathematics*, 1710:35–51, 1999. CODEN LNMAA2. ISBN 3-540-66360-6 (print), 3-540-48402-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096287/>.

**Koecher:1999:RCJ**

- [Koe99h] Max Koecher. Real and complex Jordan algebras. *Lecture Notes in Mathematics*, 1710:73–92, 1999. CODEN LNMAA2. ISBN 3-540-66360-6 (print), 3-540-48402-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096289/>.

**Kolyvagin:1991:SST**

- [Kol91] V. A. Kolyvagin. On the structure of Shafarevich–Tate groups. *Lecture Notes in Mathematics*, 1479:94–121, 1991. CODEN LNMAA2. ISBN 3-540-54456-9 (print), 3-540-38388-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086267/>.

**Komatsu:1991:MAG**

- [Kom91] Hikosaburo Komatsu. Microlocal analysis in Gevrey classes and in complex domains. *Lecture Notes in Mathematics*, 1495:161–236, 1991. CODEN LNMAA2. ISBN 3-540-54948-X (print), 3-540-46603-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085124/>.

**Komatsu:1993:FAR**

- [Kom93a] Hikosaburo Komatsu, editor. *Functional Analysis and Related Topics, 1991: Proceedings of the International Conference in Memory of Professor Kôsaku Yosida held at RIMS, Kyoto University, Japan, July 29–Aug. 2, 1991*, volume 1540 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1993. CODEN LNMAA2. ISBN 3-540-56471-3 (print), 3-540-47565-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1540. URL <http://link.springer.com/book/10.1007/BFb0085469>; <http://www.springerlink.com/content/978-3-540-47565-1>.

**Komatsu:1993:OCS**

- [Kom93b] Hikosaburo Komatsu. Operational calculus and semi-groups of operators. *Lecture Notes in Mathematics*, 1540:213–234, 1993. CODEN LNMAA2. ISBN 3-540-56471-3 (print), 3-540-47565-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085481/>.

**Konno:1990:URN**

- [Kon90] Yasuko Konno. Unitary representations with nonzero multiplicities in  $L^2(\Gamma \backslash G)$ . *Lecture Notes in Mathematics*, 1447:237–248, 1990. CODEN LNMAA2. ISBN 3-540-53422-9 (print), 3-540-46876-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085731/>.

**König:1998:BDS**

- [Kön98a] Steffen König. Basic definitions and some examples. *Lecture Notes in Mathematics*, 1685:5–32, 1998. CODEN LNMAA2. ISBN 3-540-64311-7 (print), 3-540-69748-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096368/>.

**Konig:1998:RFT**

- [Kön98b] Steffen König. Rickard's fundamental theorem. *Lecture Notes in Mathematics*, 1685:33–50, 1998. CODEN LNMAA2. ISBN 3-540-64311-7 (print), 3-540-69748-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096369/>.

**Kooman:1993:FVS**

- [Koo93] Robert-Jan Kooman. Faltings's version of Siegel's lemma. *Lecture Notes in Mathematics*, 1566:93–96, 1993. CODEN LNMAA2. ISBN 3-540-57528-6 (print), 3-540-48208-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-540-48208-6\\_10/](http://link.springer.com/chapter/10.1007/978-3-540-48208-6_10/).

**Koschorke:1991:SLM**

- [Kos91] Ulrich Koschorke. Semicontractible link maps and their suspensions. *Lecture Notes in Mathematics*, 1474:160–169, 1991. CODEN LNMAA2. ISBN 3-540-54098-9 (print), 3-540-47403-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084744/>.

**Koshelev:1995:DSS**

- [Kos95a] Alexander Koshelev. Differentiability of solutions for second order elliptic systems. *Lecture Notes in Mathematics*, 1614:108–174, 1995. CODEN LNMAA2. ISBN 3-540-60251-8 (print), 3-540-44772-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094486/>.

**Koshelev:1995:NSS**

- [Kos95b] Alexander Koshelev. The Navier–Stokes system; strong solutions. *Lecture Notes in Mathematics*, 1614:216–247, 1995. CODEN LNMAA2. ISBN 3-540-60251-8 (print), 3-540-44772-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094488/>.

**Koshelev:1995:RSN**

- [Kos95c] Alexander Koshelev. Regularity of solutions for non degenerated quasilinear second order elliptic systems of the divergent form with bounded nonlinearities. *Lecture Notes in Mathematics*, 1614:23–71, 1995. CODEN LNMAA2. ISBN 3-540-60251-8

(print), 3-540-44772-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094484/>.

**Koshelev:1995:RSP**

- [Kos95d] Alexander Koshelev. Regularity of solutions for parabolic systems with some applications. *Lecture Notes in Mathematics*, 1614: 175–215, 1995. CODEN LNMAA2. ISBN 3-540-60251-8 (print), 3-540-44772-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094487/>.

**Koshelev:1995:RPQ**

- [Kos95e] Alexander Koshelev. *Regularity Problem for Quasilinear Elliptic and Parabolic Systems*, volume 1614 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1995. CODEN LNMAA2. ISBN 3-540-60251-8 (print), 3-540-44772-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). xxii + 255 pp. LCCN QA3 .L28 no. 1614. URL <http://link.springer.com/book/10.1007/BFb0094482>; <http://www.springerlink.com/content/978-3-540-44772-6>.

**Koshelev:1995:SPA**

- [Kos95f] Alexander Koshelev. Some properties and applications of regular solutions for quasilinear elliptic systems. *Lecture Notes in Mathematics*, 1614:72–107, 1995. CODEN LNMAA2. ISBN 3-540-60251-8 (print), 3-540-44772-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094485/>.

**Koshelev:1995:WSU**

- [Kos95g] Alexander Koshelev. Weak solutions and the universal iterative process. *Lecture Notes in Mathematics*, 1614:1–22, 1995. CODEN LNMAA2. ISBN 3-540-60251-8 (print), 3-540-44772-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094483/>.

**Kovacs:1990:GCA**

- [Kov90] L. G. Kovács, editor. *Groups — Canberra 1989: Australian National University Group Theory Program 1989*, volume 1456 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK /

etc., 1990. CODEN LNMAA2. ISBN 3-540-53475-X (print), 3-540-46900-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1456. URL <http://link.springer.com/book/10.1007/BFb0100725>; <http://www.springerlink.com/content/978-3-540-46900-1>.

**Kowalski:1992:MGS**

- [Kow92] Zbigniew S. Kowalski. On mixing generalized skew products. *Lecture Notes in Mathematics*, 1514:128–130, 1992. CODEN LNMAA2. ISBN 3-540-55444-0 (print), 3-540-47076-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0097533/>.

**Kozima:1990:GHC**

- [Koz90a] Kazumoto Kozima. On the generalized homology of the connective fibering of  $\text{bu}$ . *Lecture Notes in Mathematics*, 1418:205–209, 1990. CODEN LNMAA2. ISBN 3-540-52246-8 (print), 3-540-46938-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083704/>.

**Kozono:1990:SSN**

- [Koz90b] Hideo Kozono. Strong solution for the Navier–Stokes flow in the half-space. *Lecture Notes in Mathematics*, 1431:84–86, 1990. CODEN LNMAA2. ISBN 3-540-52770-2 (print), 3-540-47141-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086057/>.

**Kozłowski:1991:SIA**

- [Koz91] Michael Kozłowski. Some improper affine spheres in  $A_3$ . *Lecture Notes in Mathematics*, 1481:104–107, 1991. CODEN LNMAA2. ISBN 3-540-54728-2 (print), 3-540-46445-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083633/>.

**Kirschenhofer:1990:APC**

- [KP90] Peter Kirschenhofer and Helmut Prodinger. On the analysis of probabilistic counting. *Lecture Notes in Mathematics*, 1452:117–120, 1990. CODEN LNMAA2. ISBN 3-540-53408-3 (print), 3-540-46864-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096984/>.

**Kurtz:1996:BM**

- [KP96a] Thomas G. Kurtz and Philip E. Protter. Back matter. *Lecture Notes in Mathematics*, 1627:??, 1996. CODEN LNMAA2. ISBN 3-540-61397-8 (print), 3-540-68513-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/content/pdf/bbm:978-3-540-68513-5/1.pdf>.

**Kurtz:1996:WCSa**

- [KP96b] Thomas G. Kurtz and Philip E. Protter. Weak convergence of stochastic integrals and differential equations. *Lecture Notes in Mathematics*, 1627:1–41, 1996. CODEN LNMAA2. ISBN 3-540-61397-8 (print), 3-540-68513-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093176/>.

**Kurtz:1996:WCSb**

- [KP96c] Thomas G. Kurtz and Philip E. Protter. Weak convergence of stochastic integrals and differential equations II: Infinite dimensional case. *Lecture Notes in Mathematics*, 1627:197–285, 1996. CODEN LNMAA2. ISBN 3-540-61397-8 (print), 3-540-68513-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093181/>.

**Kurdyka:1990:MFS**

- [KPR90] K. Kurdyka, J. B. Poly, and G. Raby. Moyennes des fonctions sous-analytiques, densité, cône tangent et tranches. (French) [J]. *Lecture Notes in Mathematics*, 1420:170–177, 1990. CODEN LNMAA2. ISBN 3-540-52313-8 (print), 3-540-46952-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083918/>.

**Kenig:1990:IVP**

- [KPV90] Carlos E. Kenig, Gustavo Ponce, and Luis Vega. The initial value problem for a class of nonlinear dispersive equations. *Lecture Notes in Mathematics*, 1450:141–156, 1990. CODEN LNMAA2. ISBN 3-540-53393-1 (print), 3-540-46818-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084903/>.

**Koranyi:1990:QMC**

- [KR90] Adam Korányi and Hans Martin Reimann. Quasiconformal mappings on CR manifolds. *Lecture Notes in Mathematics*, 1422:

59–75, 1990. CODEN LNMAA2. ISBN 3-540-52434-7 (print), 3-540-46988-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0089405/>.

**Keimel:1992:A**

- [KR92a] Klaus Keimel and Walter Roth. Approximation. *Lecture Notes in Mathematics*, 1517:68–80, 1992. CODEN LNMAA2. ISBN 3-540-55445-9 (print), 3-540-47079-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0089195/>.

**Keimel:1992:I**

- [KR92b] Klaus Keimel and Walter Roth. Introduction. *Lecture Notes in Mathematics*, 1517:1–7, 1992. CODEN LNMAA2. ISBN 3-540-55445-9 (print), 3-540-47079-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0089191/>.

**Keimel:1992:LCC**

- [KR92c] Klaus Keimel and Walter Roth. Locally convex cones. *Lecture Notes in Mathematics*, 1517:8–24, 1992. CODEN LNMAA2. ISBN 3-540-55445-9 (print), 3-540-47079-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0089192/>.

**Keimel:1992:NC**

- [KR92d] Klaus Keimel and Walter Roth. Nachbin cones. *Lecture Notes in Mathematics*, 1517:81–105, 1992. CODEN LNMAA2. ISBN 3-540-55445-9 (print), 3-540-47079-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0089196/>.

**Keimel:1992:OCA**

- [KR92e] Klaus Keimel and Walter Roth. *Ordered Cones and Approximation*, volume 1517 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1992. CODEN LNMAA2. ISBN 3-540-55445-9 (print), 3-540-47079-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). vi + 134 pp. LCCN QA3 .L28 no. 1517. URL <http://link.springer.com/book/10.1007/BFb0089190>; <http://www.springerlink.com/content/978-3-540-47079-3>.

**Keimel:1992:QE**

- [KR92f] Klaus Keimel and Walter Roth. Quantitative estimates. *Lecture Notes in Mathematics*, 1517:106–128, 1992. CODEN LNMAA2. ISBN 3-540-55445-9 (print), 3-540-47079-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0089197/>.

**Keimel:1992:S**

- [KR92g] Klaus Keimel and Walter Roth. Subcones. *Lecture Notes in Mathematics*, 1517:55–67, 1992. CODEN LNMAA2. ISBN 3-540-55445-9 (print), 3-540-47079-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0089194/>.

**Keimel:1992:UCO**

- [KR92h] Klaus Keimel and Walter Roth. Uniformly continuous operators and the dual cone. *Lecture Notes in Mathematics*, 1517:25–54, 1992. CODEN LNMAA2. ISBN 3-540-55445-9 (print), 3-540-47079-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0089193/>.

**Krattenthaler:1990:DES**

- [Kra90] Christian Krattenthaler. A determinant evaluation and some enumeration results for plane partitions. *Lecture Notes in Mathematics*, 1452:121–131, 1990. CODEN LNMAA2. ISBN 3-540-53408-3 (print), 3-540-46864-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096985/>.

**Kroner:1990:AEF**

- [Krö90] Dietmar Kröner. Asymptotic expansions for a flow with a dynamic contact angle. *Lecture Notes in Mathematics*, 1431:49–59, 1990. CODEN LNMAA2. ISBN 3-540-52770-2 (print), 3-540-47141-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086054/>.

**Krob:1991:ERA**

- [Kro91] Daniel Krob. Expressions rationnelles sur un anneau. (French) []. *Lecture Notes in Mathematics*, 1478:215–243, 1991. CODEN LNMAA2. ISBN 3-540-54377-5 (print), 3-540-47592-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083505/>.

**Krupkova:1997:BGT**

- [Kru97a] Olga Krupková. Basic geometric tools. *Lecture Notes in Mathematics*, 1678:20–40, 1997. CODEN LNMAA2. ISBN 3-540-63832-6 (print), 3-540-69657-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093440/>.

**Krupkova:1997:GIM**

- [Kru97b] Olga Krupková. Geometric intergration methods. *Lecture Notes in Mathematics*, 1678:174–207, 1997. CODEN LNMAA2. ISBN 3-540-63832-6 (print), 3-540-69657-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093447/>.

**Krupkova:1997:GOV**

- [Kru97c] Olga Krupková. *The Geometry of Ordinary Variational Equations*, volume 1678 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1997. CODEN LNMAA2. ISBN 3-540-63832-6 (print), 3-540-69657-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). x + 251 pp. LCCN QA3 .L28 no. 1678. URL <http://link.springer.com/book/10.1007/BFb0093438>; <http://www.springerlink.com/content/978-3-540-69657-5>.

**Krupkova:1997:HS**

- [Kru97d] Olga Krupková. Hamiltonian systems. *Lecture Notes in Mathematics*, 1678:80–96, 1997. CODEN LNMAA2. ISBN 3-540-63832-6 (print), 3-540-69657-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093443/>.

**Krupkova:1997:I**

- [Kru97e] Olga Krupková. Introduction. *Lecture Notes in Mathematics*, 1678:1–19, 1997. CODEN LNMAA2. ISBN 3-540-63832-6 (print), 3-540-69657-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093439/>.

**Krupkova:1997:LDF**

- [Kru97f] Olga Krupková. Lagrangean dynamics on fibered manifolds. *Lecture Notes in Mathematics*, 1678:41–51, 1997. CODEN LNMAA2. ISBN 3-540-63832-6 (print), 3-540-69657-1 (e-book).

ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093441/>.

**Krupkova:1997:LSF**

- [Kru97g] Olga Krupková. Lagrangean systems on  $\pi: R \times M \rightarrow R$ . *Lecture Notes in Mathematics*, 1678:208–228, 1997. CODEN LNMAA2. ISBN 3-540-63832-6 (print), 3-540-69657-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093448/>.

**Krupkova:1997:RLS**

- [Kru97h] Olga Krupková. Regular Lagrangean systems. *Lecture Notes in Mathematics*, 1678:97–128, 1997. CODEN LNMAA2. ISBN 3-540-63832-6 (print), 3-540-69657-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093444/>.

**Krupkova:1997:SLSa**

- [Kru97i] Olga Krupková. Singular Lagrangean systems. *Lecture Notes in Mathematics*, 1678:129–148, 1997. CODEN LNMAA2. ISBN 3-540-63832-6 (print), 3-540-69657-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093445/>.

**Krupkova:1997:SLSb**

- [Kru97j] Olga Krupková. Symmetries of Lagrangean systems. *Lecture Notes in Mathematics*, 1678:149–173, 1997. CODEN LNMAA2. ISBN 3-540-63832-6 (print), 3-540-69657-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093446/>.

**Krupkova:1997:VE**

- [Kru97k] Olga Krupková. Variational equations. *Lecture Notes in Mathematics*, 1678:52–79, 1997. CODEN LNMAA2. ISBN 3-540-63832-6 (print), 3-540-69657-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093442/>.

**Krengel:1992:ETR**

- [KRW92] Ulrich Krengel, Karin Richter, and Volker Warstat, editors. *Ergodic Theory and Related Topics III: Proceedings of the International Conference held in Güstrow, Germany, October 22–27,*

1990, volume 1514 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1992. CODEN LNMAA2. ISBN 3-540-55444-0 (print), 3-540-47076-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1514. URL <http://link.springer.com/book/10.1007/BFb0097523>; <http://www.springerlink.com/content/978-3-540-47076-2>.

**Krylov:1995:MPK**

- [Kry95] N. V. Krylov. A martingale proof of the Khinchin iterated logarithm law for Wiener processes. *Lecture Notes in Mathematics*, 1613:25–29, 1995. CODEN LNMAA2. ISBN 3-540-60219-4 (print), 3-540-44744-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094196>.

**Krylov:1999:KEF**

- [Kry99] N. V. Krylov. On Kolmogorov's equations for finite dimensional diffusions. *Lecture Notes in Mathematics*, 1715:1–63, 1999. CODEN LNMAA2. ISBN 3-540-66545-5 (print), 3-540-48161-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092417>.

**Kosmann-Schwarzbach:1990:GLP**

- [KS90a] Yvette Kosmann-Schwarzbach. Groupes de Lie–Poisson quasi-triangulaires. (French) []. *Lecture Notes in Mathematics*, 1416: 161–177, 1990. CODEN LNMAA2. ISBN 3-540-52191-7 (print), 3-540-46920-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0097470>.

**Krasilnikov:1990:FBL**

- [KS90b] A. N. Krasil'nikov and A. L. Shmel'kin. On finite bases for laws of triangular matrices. *Lecture Notes in Mathematics*, 1456:10–13, 1990. CODEN LNMAA2. ISBN 3-540-53475-X (print), 3-540-46900-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0100727>.

**Kiran:1992:RJL**

- [KS92] Shashi Kiran and Ajit Iqbal Singh. Role of James like spaces in multiplicative linear functionals on operator algebras. *Lecture Notes in Mathematics*, 1511:172–180, 1992. CODEN LNMAA2. ISBN 3-540-55365-7 (print), 3-540-47041-7 (e-book).

ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093810/>.

**Kipnis:1996:LER**

- [KS96] C. Kipnis and E. Saada. Un lien entre réseaux de neurones et systèmes de particules: Un modèle de rétinotopie. (French) []. *Lecture Notes in Mathematics*, 1626:55–67, 1996. CODEN LNMAA2. ISBN 3-540-61336-6 (print), 3-540-68463-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094641/>.

**Kowalski:1991:CCL**

- [KT91] O. Kowalski and F. Tricerri. A canonical connection for locally homogeneous Riemannian manifolds. *Lecture Notes in Mathematics*, 1481:97–103, 1991. CODEN LNMAA2. ISBN 3-540-54728-2 (print), 3-540-46445-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083632/>.

**Kawazu:1993:MDP**

- [KT93] Kiyoshi Kawazu and Hiroshi Tanaka. On the maximum of a diffusion process in a drifted Brownian environment. *Lecture Notes in Mathematics*, 1557:78–85, 1993. CODEN LNMAA2. ISBN 3-540-57282-1 (print), 3-540-48034-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0087965/>.

**Katsman:1992:SLC**

- [KTV92] Gregory L. Katsman, Michael A. Tsfasman, and Serge G. Vladut. Spectra of linear codes and error probability of decoding. *Lecture Notes in Mathematics*, 1518:82–98, 1992. CODEN LNMAA2. ISBN 3-540-55651-6 (print), 3-540-47267-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0087994/>.

**Korezlioglu:1990:NCD**

- [KÜ90a] H. Körezlioglu and A. S. Üstünel. A new class of distributions on Wiener spaces. *Lecture Notes in Mathematics*, 1444:106–121, 1990. CODEN LNMAA2. ISBN 3-540-53064-9 (print), 3-540-46596-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083611/>.

**Korezlioglu:1990:SAR**

- [KÜ90b] Hayri Körezlioğlu and Ali Suleyman Üstünel, editors. *Stochastic Analysis and Related Topics II: Proceedings of a Second Workshop held in Silivri, Turkey, July 18–30, 1988*, volume 1444 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1990. CODEN LNMAA2. ISBN 3-540-53064-9 (print), 3-540-46596-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1444. URL <http://link.springer.com/book/10.1007/BFb0083608>; <http://www.springerlink.com/content/978-3-540-46596-6>.

**Kucera:1990:RGF**

- [Kuč90] Antonín Kučera. Randomness and generalizations of fixed point free functions. *Lecture Notes in Mathematics*, 1432:245–254, 1990. CODEN LNMAA2. ISBN 3-540-52772-9 (print), 3-540-47142-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086121/>.

**Kuhnel:1995:CM**

- [Küh95a] Wolfgang Kühnel. ( $k - 1$ )-connected  $2k$ -manifolds. *Lecture Notes in Mathematics*, 1612:56–77, 1995. CODEN LNMAA2. ISBN 3-540-60121-X (print), 3-540-49452-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096345/>.

**Kuhnel:1995:MTS**

- [Küh95b] Wolfgang Kühnel. 3-manifolds and twisted sphere bundles. *Lecture Notes in Mathematics*, 1612:78–84, 1995. CODEN LNMAA2. ISBN 3-540-60121-X (print), 3-540-49452-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096346/>.

**Kuhnel:1995:CSM**

- [Küh95c] Wolfgang Kühnel. Connected sums and manifolds with boundary. *Lecture Notes in Mathematics*, 1612:85–94, 1995. CODEN LNMAA2. ISBN 3-540-60121-X (print), 3-540-49452-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096347/>.

**Kuhnel:1995:IBN**

- [Küh95d] Wolfgang Kühnel. Introduction and basic notions. *Lecture Notes in Mathematics*, 1612:1–5, 1995. CODEN LNMAA2. ISBN 3-

540-60121-X (print), 3-540-49452-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096342/>.

**Kuhnel:1995:MCP**

- [Küh95e] Wolfgang Kühnel. Miscellaneous cases and pseudomanifolds. *Lecture Notes in Mathematics*, 1612:95–109, 1995. CODEN LNMAA2. ISBN 3-540-60121-X (print), 3-540-49452-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096348/>.

**Kuhnel:1995:TPSb**

- [Küh95f] Wolfgang Kühnel. *Tight Polyhedral Submanifolds and Tight Triangulations*, volume 1612 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1995. CODEN LNMAA2. ISBN 3-540-60121-X (print), 3-540-49452-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). vi + 122 pp. LCCN QA3 .L28 no. 1612. URL <http://link.springer.com/book/10.1007/BFb0096341>; <http://www.springerlink.com/content/978-3-540-49452-2>.

**Kuhnel:1995:TPSa**

- [Küh95g] Wolfgang Kühnel. Tight polyhedral surfaces. *Lecture Notes in Mathematics*, 1612:6–40, 1995. CODEN LNMAA2. ISBN 3-540-60121-X (print), 3-540-49452-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096343/>.

**Kuhnel:1995:TT**

- [Küh95h] Wolfgang Kühnel. Tightness and  $k$ -tightness. *Lecture Notes in Mathematics*, 1612:41–55, 1995. CODEN LNMAA2. ISBN 3-540-60121-X (print), 3-540-49452-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096344/>.

**Kuiken:1992:MMI**

- [Kui92] H. K. Kuiken. Mathematical modelling of industrial processes. *Lecture Notes in Mathematics*, 1521:1–63, 1992. CODEN LNMAA2. ISBN 3-540-55595-1 (print), 3-540-47247-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0098365/>.

**Kuksin:1993:NII**

- [Kuk93a] Sergej B. Kuksin. *Nearly Integrable Infinite-Dimensional Hamiltonian Systems*, volume 1556 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1993. CODEN LNMAA2. ISBN 3-540-57161-2 (print), 3-540-47920-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). xxviii + 101 pp. LCCN QA3 .L28 no. 1556. URL <http://link.springer.com/book/10.1007/BFb0092243>; <http://www.springerlink.com/content/978-3-540-47920-8>.

**Kuksin:1993:PMT**

- [Kuk93b] Sergej B. Kuksin. Proof of the main theorem. *Lecture Notes in Mathematics*, 1556:45–90, 1993. CODEN LNMAA2. ISBN 3-540-57161-2 (print), 3-540-47920-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092246/>.

**Kuksin:1993:SMT**

- [Kuk93c] Sergej B. Kuksin. Statement of the main theorem and its consequences. *Lecture Notes in Mathematics*, 1556:13–44, 1993. CODEN LNMAA2. ISBN 3-540-57161-2 (print), 3-540-47920-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092245/>.

**Kuksin:1993:SSH**

- [Kuk93d] Sergej B. Kuksin. Symplectic structures and Hamiltonian systems in scales of Hilbert spaces. *Lecture Notes in Mathematics*, 1556:1–12, 1993. CODEN LNMAA2. ISBN 3-540-57161-2 (print), 3-540-47920-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092244/>.

**Kulikov:1991:FGC**

- [Kul91] Vic. S. Kulikov. On the fundamental group of the complement of a hypersurface in  $\mathbf{C}^n$ . *Lecture Notes in Mathematics*, 1479: 122–130, 1991. CODEN LNMAA2. ISBN 3-540-54456-9 (print), 3-540-38388-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086268/>.

**Kulish:1992:QGP**

- [Kul92] Petr P. Kulish, editor. *Quantum Groups: Proceedings of Workshops held in the Euler International Mathematical Institute, Leningrad, Fall 1990*, volume 1510 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1992. CODEN LNMAA2. ISBN 3-540-55305-3 (print), 3-540-47020-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1510. URL <http://link.springer.com/book/10.1007/BFb0101174>; <http://www.springerlink.com/content/978-3-540-47020-5>.

**Kummer:1990:RER**

- [Kum90] Martin Kummer. Recursive enumeration without repetition revisited. *Lecture Notes in Mathematics*, 1432:255–275, 1990. CODEN LNMAA2. ISBN 3-540-52772-9 (print), 3-540-47142-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086122/>.

**Kumar:1992:QUP**

- [Kum92] Ajay Kumar. A qualitative uncertainty principle for hypergroups. *Lecture Notes in Mathematics*, 1511:1–9, 1992. CODEN LNMAA2. ISBN 3-540-55365-7 (print), 3-540-47041-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093792/>.

**Kumar:1997:IGM**

- [Kum97] Shrawan Kumar. Infinite Grassmannians and moduli spaces of  $G$ -bundles. *Lecture Notes in Mathematics*, 1649:1–49, 1997. CODEN LNMAA2. ISBN 3-540-62401-5 (print), 3-540-49701-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094424/>.

**Kunyavskii:1992:SPC**

- [Kun92] Boris È. Kunyavskii. Sphere packings centered at  $S$ -units of algebraic tori. *Lecture Notes in Mathematics*, 1518:108–121, 1992. CODEN LNMAA2. ISBN 3-540-55651-6 (print), 3-540-47267-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0087996/>.

**Kurokawa:1990:ADS**

- [Kur90] Nobushige Kurokawa. Analyticity of Dirichlet series over prime powers. *Lecture Notes in Mathematics*, 1434:168–177, 1990. CO-

DEN LNMAA2. ISBN 3-540-52787-7 (print), 3-540-47147-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0097133/>.

**Kusner:1991:MPI**

- [Kus91] Rob Kusner. A maximum principle at infinity and the topology of complete embedded surfaces with constant mean curvature. *Lecture Notes in Mathematics*, 1481:108–114, 1991. CODEN LNMAA2. ISBN 3-540-54728-2 (print), 3-540-46445-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083634/>.

**Kusuoka:1993:LDP**

- [Kus93] S. Kusuoka. Lecture on diffusion processes on nested fractals. *Lecture Notes in Mathematics*, 1567:39–98, 1993. CODEN LNMAA2. ISBN 3-540-57516-2 (print), 3-540-48205-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0074240/>.

**Kasangian:1991:TDC**

- [KV91] S. Kasangian and S. Vigna. Trees in distributive categories. *Lecture Notes in Mathematics*, 1488:237–248, 1991. CODEN LNMAA2. ISBN 3-540-54706-1 (print), 3-540-46435-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084223/>.

**Korogodsky:1992:QSH**

- [KV92] L. I. Korogodsky and L. L. Vaksman. Quantum  $G$ -spaces and Heisenberg algebra. *Lecture Notes in Mathematics*, 1510:56–66, 1992. CODEN LNMAA2. ISBN 3-540-55305-3 (print), 3-540-47020-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0101178/>.

**Kiming:1994:EDO**

- [KW94] Ian Kiming and Xiangdong Wang. Examples of 2-dimensional, odd Galois representations of  $A_5$ -type over  $\mathbf{Q}$  satisfying the Artin conjecture. *Lecture Notes in Mathematics*, 1585:109–121, 1994. CODEN LNMAA2. ISBN 3-540-58387-4 (print), 3-540-48681-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0074112/>.

**Kwakernaak:1991:PAO**

- [Kwa91] Huibert Kwakernaak. The polynomial approach to  $H_\infty$ -optimal regulation. *Lecture Notes in Mathematics*, 1496:141–221, 1991. CODEN LNMAA2. ISBN 3-540-54949-8 (print), 3-540-46604-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084469/>.

**Kawabata:1991:NMS**

- [KY91] Shigetoku Kawabata and Toshio Yamada. On Newton’s method for stochastic differential equations. *Lecture Notes in Mathematics*, 1485:121–137, 1991. CODEN LNMAA2. ISBN 3-540-54616-2 (print), 3-540-38496-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0100852/>.

**Klebanov:1993:SMR**

- [KY93] L. B. Klebanov and A. Yu. Yakovlev. A stochastic model of radiation carcinogenesis. *Lecture Notes in Mathematics*, 1546: 89–99, 1993. CODEN LNMAA2. ISBN 3-540-56744-5 (print), 3-540-47645-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084485/>.

**Kress:1991:TDR**

- [KZ91] Rainer Kress and Axel Zinn. Three dimensional reconstructions in inverse obstacle scattering. *Lecture Notes in Mathematics*, 1497: 112–125, 1991. CODEN LNMAA2. ISBN 3-540-54970-6 (print), 3-540-46615-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084512/>.

**Kwong:1992:DO**

- [KZ92a] Man Kam Kwong and Anton Zettl. The difference operator. *Lecture Notes in Mathematics*, 1536:117–143, 1992. CODEN LNMAA2. ISBN 3-540-56387-3 (print), 3-540-47548-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0090869/>.

**Kwong:1992:I**

- [KZ92b] Man Kam Kwong and Anton Zettl. Introduction. *Lecture Notes in Mathematics*, 1536:1–2, 1992. CODEN LNMAA2. ISBN 3-540-56387-3 (print), 3-540-47548-6 (e-book). ISSN 0075-8434

(print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0090865>.

**Kwong:1992:NID**

- [KZ92c] Man Kam Kwong and Anton Zettl. *Norm Inequalities for Derivatives and Differences*, volume 1536 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1992. CODEN LNMAA2. ISBN 3-540-56387-3 (print), 3-540-47548-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). viii + 150 pp. LCCN QA3 .L28 no. 1536. URL <http://link.springer.com/book/10.1007/BFb0090864>; <http://www.springerlink.com/content/978-3-540-47548-4>.

**Kwong:1992:N**

- [KZ92d] Man Kam Kwong and Anton Zettl. The norms of  $y$ ,  $y'$ ,  $y''$ . *Lecture Notes in Mathematics*, 1536:35–83, 1992. CODEN LNMAA2. ISBN 3-540-56387-3 (print), 3-540-47548-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0090867/>.

**Kwong:1992:UWF**

- [KZ92e] Man Kam Kwong and Anton Zettl. Unit weight functions. *Lecture Notes in Mathematics*, 1536:3–34, 1992. CODEN LNMAA2. ISBN 3-540-56387-3 (print), 3-540-47548-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0090866/>.

**Kwong:1992:W**

- [KZ92f] Man Kam Kwong and Anton Zettl. Weights. *Lecture Notes in Mathematics*, 1536:84–116, 1992. CODEN LNMAA2. ISBN 3-540-56387-3 (print), 3-540-47548-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0090868/>.

**Kalashnikov:1993:SPS**

- [KZ93] Vladimir V. Kalashnikov and Vladimir M. Zolatarev, editors. *Stability Problems for Stochastic Models: Proceedings of the International Seminar, held in Suzdal, Russia, Jan. 27–Feb. 2, 1991*, volume 1546 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1993. CODEN LNMAA2. ISBN 3-540-56744-5

(print), 3-540-47645-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1546. URL <http://link.springer.com/book/10.1007/BFb0084476>; <http://www.springerlink.com/content/978-3-540-47645-0>.

**Konig:1998:DEG**

- [KZ98] Steffen König and Alexander Zimmermann. *Derived Equivalences for Group Rings*, volume 1685 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1998. CODEN LNMAA2. ISBN 3-540-64311-7 (print), 3-540-69748-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). x + 246 pp. LCCN QA3 .L28 no. 1685. URL <http://link.springer.com/book/10.1007/BFb0096366>; <http://www.springerlink.com/content/978-3-540-69748-0>.

**Labesse:1990:SVM**

- [Lab90] J.-P. Labesse. Signature des variétés modulaires de Hilbert et représentations diédrales. (French) []. *Lecture Notes in Mathematics*, 1447:249–260, 1990. CODEN LNMAA2. ISBN 3-540-53422-9 (print), 3-540-46876-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085732/>.

**Lambert:1992:WSC**

- [Lam92] Alan Lambert. Weighted shifts and composition operators on  $L^2$ . *Lecture Notes in Mathematics*, 1511:10–17, 1992. CODEN LNMAA2. ISBN 3-540-55365-7 (print), 3-540-47041-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093793/>.

**Lang:1990:EHD**

- [Lan90a] Serge Lang. Equidimensional higher dimensional theory. *Lecture Notes in Mathematics*, 1433:57–107, 1990. CODEN LNMAA2. ISBN 3-540-52785-0 (print), 3-540-47146-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093848/>.

**Lang:1990:NTO**

- [Lan90b] Serge Lang. Nevanlinna theory in one variable. *Lecture Notes in Mathematics*, 1433:9–55, 1990. CODEN LNMAA2. ISBN 3-540-52785-0 (print), 3-540-47146-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093847/>.

**Langevin:1990:SRG**

- [Lan90c] Michel Langevin. Sphère de Riemann et géométrie des polynômes. (French) []. *Lecture Notes in Mathematics*, 1415:138–159, 1990. CODEN LNMAA2. ISBN 3-540-52190-9 (print), 3-540-46919-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084884/>.

**Lang:1991:C**

- [Lan91a] Reinhard Lang. Conclusion. *Lecture Notes in Mathematics*, 1498:113–118, 1991. CODEN LNMAA2. ISBN 3-540-54975-7 (print), 3-540-46627-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093936/>.

**Lang:1991:ETIa**

- [Lan91b] Reinhard Lang. Explanation of theorem 1 and introduction to an extended Boltzmann theory of entropy. *Lecture Notes in Mathematics*, 1498:43–70, 1991. CODEN LNMAA2. ISBN 3-540-54975-7 (print), 3-540-46627-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093934/>.

**Lang:1991:ETIb**

- [Lan91c] Reinhard Lang. Explanation of theorem 2 and introduction to an extended Floquet–Weyl theory. *Lecture Notes in Mathematics*, 1498:71–112, 1991. CODEN LNMAA2. ISBN 3-540-54975-7 (print), 3-540-46627-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093935/>.

**Lang:1991:GHP**

- [Lan91d] Reinhard Lang. The general heuristic picture. *Lecture Notes in Mathematics*, 1498:19–29, 1991. CODEN LNMAA2. ISBN 3-540-54975-7 (print), 3-540-46627-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093932/>.

**Lang:1991:I**

- [Lan91e] Reinhard Lang. Introduction. *Lecture Notes in Mathematics*, 1498:1–5, 1991. CODEN LNMAA2. ISBN 3-540-54975-7 (print), 3-540-46627-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093930/>.

**Lang:1991:SKR**

- [Lan91f] Reinhard Lang. Some known results and open problems. *Lecture Notes in Mathematics*, 1498:30–42, 1991. CODEN LNMAA2. ISBN 3-540-54975-7 (print), 3-540-46627-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093933/>.

**Lang:1991:STR**

- [Lan91g] Reinhard Lang. *Spectral Theory of Random Schrödinger Operators: A Genetic Introduction*, volume 1498 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1991. CODEN LNMAA2. ISBN 3-540-54975-7 (print), 3-540-46627-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). viii + 125 pp. LCCN QA3 .L28 no. 1498. URL <http://link.springer.com/book/10.1007/BFb0093929>; <http://www.springerlink.com/content/978-3-540-46627-7>.

**Lang:1991:TSE**

- [Lan91h] Reinhard Lang. Two simple examples. *Lecture Notes in Mathematics*, 1498:6–18, 1991. CODEN LNMAA2. ISBN 3-540-54975-7 (print), 3-540-46627-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093931/>.

**Landvogt:1996:GSQ**

- [Lan96a] Erasmus Landvogt. The  $o_K$ -group schemes in the quasi-split case. *Lecture Notes in Mathematics*, 1619:31–66, 1996. CODEN LNMAA2. ISBN 3-540-60427-8 (print), 3-540-45556-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094597/>.

**Landvogt:1996:A**

- [Lan96b] Erasmus Landvogt. The apartment. *Lecture Notes in Mathematics*, 1619:14–30, 1996. CODEN LNMAA2. ISBN 3-540-60427-8 (print), 3-540-45556-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094596/>.

**Landvogt:1996:BC**

- [Lan96c] Erasmus Landvogt. The building and its compactification. *Lecture Notes in Mathematics*, 1619:98–149, 1996. CODEN LNMAA2. ISBN 3-540-60427-8 (print), 3-540-45556-6 (e-book).

ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094599/>.

**Landvogt:1996:BQS**

- [Lan96d] Erasmus Landvogt. The building in the quasi-split case. *Lecture Notes in Mathematics*, 1619:67–97, 1996. CODEN LNMAA2. ISBN 3-540-60427-8 (print), 3-540-45556-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094598/>.

**Landvogt:1996:CBT**

- [Lan96e] Erasmus Landvogt. *A Compactification of the Bruhat–Tits Building*, volume 1619 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1996. CODEN LNMAA2. ISBN 3-540-60427-8 (print), 3-540-45556-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). viii + 152 pp. LCCN QA3 .L28 no. 1619. URL <http://link.springer.com/book/10.1007/BFb0094594>; <http://www.springerlink.com/content/978-3-540-45556-1>.

**Landvogt:1996:I**

- [Lan96f] Erasmus Landvogt. Introduction. *Lecture Notes in Mathematics*, 1619:1–13, 1996. CODEN LNMAA2. ISBN 3-540-60427-8 (print), 3-540-45556-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094595/>.

**Lang:1996:AP**

- [Lan96g] Serge Lang. Augmented products. *Lecture Notes in Mathematics*, 1625:109–115, 1996. CODEN LNMAA2. ISBN 3-540-61181-9 (print), 3-540-68337-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092629/>.

**Lang:1996:CF**

- [Lan96h] Serge Lang. Class formations. *Lecture Notes in Mathematics*, 1625:166–187, 1996. CODEN LNMAA2. ISBN 3-540-61181-9 (print), 3-540-68337-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092633/>.

**Lang:1996:CT**

- [Lan96i] Serge Lang. Cohomological triviality. *Lecture Notes in Mathematics*, 1625:62–72, 1996. CODEN LNMAA2. ISBN 3-540-61181-9

(print), 3-540-68337-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092627/>.

**Lang:1996:CP**

- [Lan96j] Serge Lang. Cup products. *Lecture Notes in Mathematics*, 1625: 73–108, 1996. CODEN LNMAA2. ISBN 3-540-61181-9 (print), 3-540-68337-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092628/>.

**Lang:1996:EU**

- [Lan96k] Serge Lang. Existence and uniqueness. *Lecture Notes in Mathematics*, 1625:3–36, 1996. CODEN LNMAA2. ISBN 3-540-61181-9 (print), 3-540-68337-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092625/>.

**Lang:1996:GE**

- [Lan96l] Serge Lang. Group extensions. *Lecture Notes in Mathematics*, 1625:156–165, 1996. CODEN LNMAA2. ISBN 3-540-61181-9 (print), 3-540-68337-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092632/>.

**Lang:1996:GGT**

- [Lan96m] Serge Lang. Groups of Galois type. *Lecture Notes in Mathematics*, 1625:123–155, 1996. CODEN LNMAA2. ISBN 3-540-61181-9 (print), 3-540-68337-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092631/>.

**Lang:1996:RS**

- [Lan96n] Serge Lang. Relations with subgroups. *Lecture Notes in Mathematics*, 1625:37–61, 1996. CODEN LNMAA2. ISBN 3-540-61181-9 (print), 3-540-68337-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092626/>.

**Lang:1996:SS**

- [Lan96o] Serge Lang. Spectral sequences. *Lecture Notes in Mathematics*, 1625:116–122, 1996. CODEN LNMAA2. ISBN 3-540-61181-9

(print), 3-540-68337-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092630/>.

**Lang:1996:TCG**

- [Lan96p] Serge Lang. *Topics in Cohomology of Groups*, volume 1625 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1996. CODEN LNMAA2. ISBN 3-540-61181-9 (print), 3-540-68337-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). vi + 226 pp. LCCN QA3 .L28 no. 1625. URL <http://link.springer.com/book/10.1007/BFb0092624>; <http://www.springerlink.com/content/978-3-540-68337-7>.

**Larcher:1990:IAD**

- [Lar90] Gerhard Larcher. An inequality with applications in Diophantine approximation. *Lecture Notes in Mathematics*, 1452:132–138, 1990. CODEN LNMAA2. ISBN 3-540-53408-3 (print), 3-540-46864-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096986/>.

**Lascar:1998:OSG**

- [Las98] Daniel Lascar. Omega-stable groups. *Lecture Notes in Mathematics*, 1696:45–59, 1998. CODEN LNMAA2. ISBN 3-540-64863-1 (print), 3-540-68521-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-540-68521-0\\_3/](http://link.springer.com/chapter/10.1007/978-3-540-68521-0_3/).

**Latiolais:1990:TCG**

- [Lat90] Paul Latiolais, editor. *Topology and Combinatorial Group Theory: Proceedings of the Fall Foliage Topology Seminars held in New Hampshire 1986–1988*, volume 1440 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1990. CODEN LNMAA2. ISBN 3-540-52990-X (print), 3-540-46296-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1440. URL <http://link.springer.com/book/10.1007/BFb0084444>; <http://www.springerlink.com/content/978-3-540-46296-5>.

**Lauterbach:1991:DNS**

- [Lau91] Reiner Lauterbach. Dynamics near steady state bifurcations in problems with spherical symmetry. *Lecture Notes in Mathematics*,

1463:256–265, 1991. CODEN LNMAA2. ISBN 3-540-53736-8 (print), 3-540-47047-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085434/>.

**Laumon:1997:DS**

[Lau97]

G. Laumon. Drinfeld shtukas. *Lecture Notes in Mathematics*, 1649:50–109, 1997. CODEN LNMAA2. ISBN 3-540-62401-5 (print), 3-540-49701-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094425/>.

**Lawvere:1991:ICH**

[Law91a]

F. William Lawvere. Intrinsic co-Heyting boundaries and the Leibniz rule in certain toposes. *Lecture Notes in Mathematics*, 1488:279–281, 1991. CODEN LNMAA2. ISBN 3-540-54706-1 (print), 3-540-46435-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084226/>.

**Lawvere:1991:STF**

[Law91b]

F. William Lawvere. Some thoughts on the future of category theory. *Lecture Notes in Mathematics*, 1488:1–13, 1991. CODEN LNMAA2. ISBN 3-540-54706-1 (print), 3-540-46435-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084208/>.

**Lax:1996:OTK**

[Lax96]

Peter D. Lax. Outline of a theory of the KdV equation. *Lecture Notes in Mathematics*, 1640:70–102, 1996. CODEN LNMAA2. ISBN 3-540-61907-0 (print), 3-540-49565-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093707/>.

**Lang:1990:TNT**

[LC90]

Serge Lang and William Cherry. *Topics in Nevanlinna Theory*, volume 1433 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1990. CODEN LNMAA2. ISBN 3-540-52785-0 (print), 3-540-47146-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). 168 (est.) pp. LCCN QA3 .L28 no. 1433. URL <http://link.springer.com/book/10.1007/BFb0093846>; <http://www.springerlink.com/content/978-3-540-47146-2>.

**LeBarz:1990:QFM**

- [Le 90] Patrick Le Barz. Quelques formules multiséantes pour les surfaces. (French) []. *Lecture Notes in Mathematics*, 1436:151–188, 1990. CODEN LNMAA2. ISBN 3-540-52811-3 (print), 3-540-47154-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084045/>.

**LeJan:1991:SOE**

- [Le 91] Y. Le Jan. A second order extension of Oseledets theorem. *Lecture Notes in Mathematics*, 1486:81–85, 1991. CODEN LNMAA2. ISBN 3-540-54662-6 (print), 3-540-46431-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086659/>.

**LeGall:1992:SPP**

- [Le 92] Jean-François Le Gall. Some properties of planar Brownian motion. *Lecture Notes in Mathematics*, 1527:111–235, 1992. CODEN LNMAA2. ISBN 3-540-56250-8 (print), 3-540-47490-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084700/>.

**LeGall:1994:EMR**

- [Le 94] Jean-François Le Gall. Exponential moments for the renormalized self-intersection local time of planar Brownian motion. *Lecture Notes in Mathematics*, 1583:172–180, 1994. CODEN LNMAA2. ISBN 3-540-58331-9 (print), 3-540-48656-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073845/>.

**LeGall:1997:MAA**

- [Le 97] Jean-François Le Gall. Marches aléatoires auto-évitantes et mesures de polymère. (French) []. *Lecture Notes in Mathematics*, 1655:103–112, 1997. CODEN LNMAA2. ISBN 3-540-62634-4 (print), 3-540-68352-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0119297/>.

**Leader:1990:DCF**

- [Lea90] Solomon Leader. 1-differentials on 1-cells: a further study. *Lecture Notes in Mathematics*, 1419:82–96, 1990. CODEN LNMAA2. ISBN 3-540-52322-7 (print), 3-540-46955-9 (e-book).

ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083101/>.

**Leandre:1996:CBN**

- [Léa96] R. Léandre. Cohomologie de Bismut–Nualart–Pardoux et cohomologie de Hochschild entière. (French) []. *Lecture Notes in Mathematics*, 1626:68–99, 1996. CODEN LNMAA2. ISBN 3-540-61336-6 (print), 3-540-68463-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094642/>.

**Ledoux:1990:NLD**

- [Led90] Michel Ledoux. A note on large deviations for Wiener chaos. *Lecture Notes in Mathematics*, 1426:1–14, 1990. CODEN LNMAA2. ISBN 3-540-52694-3 (print), 3-540-47098-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083753/>.

**Ledrappier:1992:EPS**

- [Led92] François Ledrappier. Ergodic properties of the stable foliations. *Lecture Notes in Mathematics*, 1514:131–145, 1992. CODEN LNMAA2. ISBN 3-540-55444-0 (print), 3-540-47076-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0097534/>.

**Ledoux:1996:IGA**

- [Led96] Michel Ledoux. Isoperimetry and Gaussian analysis. *Lecture Notes in Mathematics*, 1648:165–294, 1996. CODEN LNMAA2. ISBN 3-540-62055-9 (print), 3-540-49635-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0095676/>.

**Ledoux:1999:CML**

- [Led99] Michel Ledoux. Concentration of measure and logarithmic Sobolev inequalities. *Lecture Notes in Mathematics*, 1709:120–216, 1999. CODEN LNMAA2. ISBN 3-540-66342-8 (print), 3-540-48407-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096511/>.

**Lehrer:1990:GRG**

- [Leh90] G. I. Lehrer. Group representations, geometry and topology. *Lecture Notes in Mathematics*, 1456:14–31, 1990. CODEN LN-

MAA2. ISBN 3-540-53475-X (print), 3-540-46900-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0100728/>.

**Leizarowitz:1991:ERL**

- [Lei91] Arie Leizarowitz. Eigenvalue representation for the Lyapunov exponents of certain Markov processes. *Lecture Notes in Mathematics*, 1486:51–63, 1991. CODEN LNMAA2. ISBN 3-540-54662-6 (print), 3-540-46431-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086657/>.

**Lemarie:1990:AME**

- [Lem90a] Pierre Gilles Lemarié. Analyse multi-échelles et ondelettes à support compact. (French) []. *Lecture Notes in Mathematics*, 1438: 26–38, 1990. CODEN LNMAA2. ISBN 3-540-52932-2 (print), 3-540-47179-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083513/>.

**Lemarie:1990:ITO**

- [Lem90b] Pierre Gilles Lemarié. Introduction à la théorie des ondelettes. (French) []. *Lecture Notes in Mathematics*, 1438:1–13, 1990. CODEN LNMAA2. ISBN 3-540-52932-2 (print), 3-540-47179-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083511/>.

**Lemarie:1990:OSA**

- [Lem90c] Pierre Gilles Lemarié, editor. *Les Ondelettes en 1989: Séminaire d'Analyse Harmonique, Université de Paris-Sud, Orsay. (French) [Wavelets in 1989: Seminar on Harmonic Analysis, University of Paris-Sud, Orsay]*, volume 1438 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1990. CODEN LNMAA2. ISBN 3-540-52932-2 (print), 3-540-47179-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1438. URL <http://link.springer.com/book/10.1007/BFb0083510>; <http://www.springerlink.com/content/978-3-540-47179-0>.

**Lemarie:1990:WES**

- [Lem90d] Pierre Gilles Lemarie. Wavelets in 1989: an extended summary. *Lecture Notes in Mathematics*, 1438:192–212, 1990. CODEN LNMAA2. ISBN 3-540-52932-2 (print), 3-540-47179-0 (e-book).

ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083520/>.

**Lenstra:1993:NFSa**

- [Len93] H. W. Lenstra, Jr. The number field sieve: an annotated bibliography. *Lecture Notes in Mathematics*, 1554:1–3, 1993. CODEN LNMAA2. ISBN 3-540-57013-6 (print), 3-540-47892-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0091535/>.

**Lepingle:1992:OIU**

- [Lép92] D. Lépingle. Orthogonalité et intégrabilité uniforme de martingales discrètes. (French) []. *Lecture Notes in Mathematics*, 1526: 167–169, 1992. CODEN LNMAA2. ISBN 3-540-56021-1 (print), 3-540-47342-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084320/>.

**Lesigne:1992:ETA**

- [Les92] Emmanuel Lesigne. Ergodic theorem along a return time sequence. *Lecture Notes in Mathematics*, 1514:146–152, 1992. CODEN LNMAA2. ISBN 3-540-55444-0 (print), 3-540-47076-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0097535/>.

**Leung:1991:ETP**

- [Leu91] Denny H. Leung. Embedding  $\ell^1$  into tensor products of Banach spaces. *Lecture Notes in Mathematics*, 1470:171–176, 1991. CODEN LNMAA2. ISBN 3-540-54206-X (print), 3-540-47493-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0090220/>.

**Leuridan:1996:DEI**

- [Leu96] Christophe Leuridan. Une démonstration élémentaire d'une identité de Biane et Yor. (French) []. *Lecture Notes in Mathematics*, 1626:255–260, 1996. CODEN LNMAA2. ISBN 3-540-61336-6 (print), 3-540-68463-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094653/>.

**Li:1991:CBF**

- [Li91] Chun Li. Characterization of  $BMO_p^{sq}$ -functions by generalized Carleson measure. *Lecture Notes in Mathematics*, 1494:84–94,

1991. CODEN LNMAA2. ISBN 3-540-54901-3 (print), 3-540-46474-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0087760/>.

**Lichnerowicz:1990:GLS**

- [Lic90] André Lichnerowicz. Groupes de Lie à structures symplectiques ou Kähleriennes invariantes. (French) []. *Lecture Notes in Mathematics*, 1416:192–209, 1990. CODEN LNMAA2. ISBN 3-540-52191-7 (print), 3-540-46920-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0097472/>.

**Liess:1993:BSG**

- [Lie93a] Otto Liess. Bi-symplectic geometry and multihomogeneous maps. *Lecture Notes in Mathematics*, 1555:145–191, 1993. CODEN LNMAA2. ISBN 3-540-57105-1 (print), 3-540-47905-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084682/>.

**Liess:1993:CRHb**

- [Lie93b] Otto Liess. *Conical Refraction and Higher Microlocalization*, volume 1555 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1993. CODEN LNMAA2. ISBN 3-540-57105-1 (print), 3-540-47905-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). x + 389 pp. LCCN QA3 .L28 no. 1555. URL <http://link.springer.com/book/10.1007/BFb0084678>; <http://www.springerlink.com/content/978-3-540-47905-5>.

**Liess:1993:CRHa**

- [Lie93c] Otto Liess. Conical refraction, hyperbolicity and slowness surfaces. *Lecture Notes in Mathematics*, 1555:225–278, 1993. CODEN LNMAA2. ISBN 3-540-57105-1 (print), 3-540-47905-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084684/>.

**Liess:1993:FIO**

- [Lie93d] Otto Liess. Fourier integral operators. *Lecture Notes in Mathematics*, 1555:193–223, 1993. CODEN LNMAA2. ISBN 3-540-57105-1 (print), 3-540-47905-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084683/>.

**Liess:1993:HOW**

- [Lie93e] Otto Liess. Higher order wave front sets. *Lecture Notes in Mathematics*, 1555:33–93, 1993. CODEN LNMAA2. ISBN 3-540-57105-1 (print), 3-540-47905-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084680/>.

**Liess:1993:I**

- [Lie93f] Otto Liess. Introduction. *Lecture Notes in Mathematics*, 1555:1–32, 1993. CODEN LNMAA2. ISBN 3-540-57105-1 (print), 3-540-47905-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084679/>.

**Liess:1993:PAH**

- [Lie93g] Otto Liess. Partial analyticity, higher microlocalization and sheaves. *Lecture Notes in Mathematics*, 1555:347–379, 1993. CODEN LNMAA2. ISBN 3-540-57105-1 (print), 3-540-47905-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084687/>.

**Liess:1993:PRB**

- [Lie93h] Otto Liess. Propagation of regularity up to the boundary. *Lecture Notes in Mathematics*, 1555:279–308, 1993. CODEN LNMAA2. ISBN 3-540-57105-1 (print), 3-540-47905-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084685/>.

**Liess:1993:PO**

- [Lie93i] Otto Liess. Pseudodifferential operators. *Lecture Notes in Mathematics*, 1555:95–144, 1993. CODEN LNMAA2. ISBN 3-540-57105-1 (print), 3-540-47905-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084681/>.

**Liess:1993:SRT**

- [Lie93j] Otto Liess. Some results on transmission problems. *Lecture Notes in Mathematics*, 1555:309–345, 1993. CODEN LNMAA2. ISBN 3-540-57105-1 (print), 3-540-47905-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084686/>.

**Liming:1990:TUR**

- [Lim90] Wu Liming. Un traitement unifié de la représentation des fonctionnelles de Wiener. (French) []. *Lecture Notes in Mathematics*, 1426:166–187, 1990. CODEN LNMAA2. ISBN 3-540-52694-3 (print), 3-540-47098-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083764/>.

**Lin:1990:CMT**

- [Lin90] Wen-Hsiung Lin. A conjecture of may on  $E_2$ -term of the may spectral sequence for the cohomology of the Steenrod algebra. *Lecture Notes in Mathematics*, 1418:15–52, 1990. CODEN LNMAA2. ISBN 3-540-52246-8 (print), 3-540-46938-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083690/>.

**Linckelmann:1998:SEM**

- [Lin98] Markus Linckelmann. On stable equivalences of Morita type. *Lecture Notes in Mathematics*, 1685:221–232, 1998. CODEN LNMAA2. ISBN 3-540-64311-7 (print), 3-540-69748-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096377/>.

**Lions:1993:RSI**

- [Lio93a] J.-L. Lions. Remarks on systems with incompletely given initial data and incompletely given part of the boundary. *Lecture Notes in Mathematics*, 1540:239–250, 1993. CODEN LNMAA2. ISBN 3-540-56471-3 (print), 3-540-47565-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085483/>.

**Lions:1993:GSK**

- [Lio93b] P.-L. Lions. Global solutions of kinetic models and related questions. *Lecture Notes in Mathematics*, 1551:58–86, 1993. CODEN LNMAA2. ISBN 3-540-56945-6 (print), 3-540-47832-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0090929/>.

**Liu:1996:BM**

- [Liu96a] Tai-Ping Liu. Back matter. *Lecture Notes in Mathematics*, 1640: ??, 1996. CODEN LNMAA2. ISBN 3-540-61907-0 (print), 3-540-49565-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (elec-

tronic). URL <http://link.springer.com/content/pdf/bbm:978-3-540-49565-9/1.pdf>.

**Liu:1996:NHD**

- [Liu96b] Tai-Ping Liu. Nonlinear hyperbolic-dissipative partial differential equations. *Lecture Notes in Mathematics*, 1640:103–136, 1996. CODEN LNMAA2. ISBN 3-540-61907-0 (print), 3-540-49565-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093708/>.

**Livorni:1990:ESS**

- [Liv90] Elvira Laura Livorni. On the existence of some surfaces. *Lecture Notes in Mathematics*, 1417:155–179, 1990. CODEN LNMAA2. ISBN 3-540-52217-4 (print), 3-540-46934-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083340/>.

**Lempp:1990:PAU**

- [LL90] Steffen Lempp and Manuel Lerman. Priority arguments using iterated trees of strategies. *Lecture Notes in Mathematics*, 1432: 277–296, 1990. CODEN LNMAA2. ISBN 3-540-52772-9 (print), 3-540-47142-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086123/>.

**Liu:1991:AHM**

- [LL91] Zhixin Liu and Shanzhen Lu. Applications of Hörmander multiplier theorem to approximation in real Hardy spaces. *Lecture Notes in Mathematics*, 1494:119–129, 1991. CODEN LNMAA2. ISBN 3-540-54901-3 (print), 3-540-46474-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0087763/>.

**Lenstra:1993:DNF**

- [LL93] Arjen K. Lenstra and Hendrik W. Lenstra, Jr. *The development of the number field sieve*, volume 1554 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1993. CODEN LNMAA2. ISBN 3-540-57013-6 (print), 3-540-47892-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). 126 (est.) pp. LCCN QA3 .L28 no. 1554. URL <http://link.springer.com/book/10.1007/BFb0091534>; <http://www.springerlink.com/content/978-3-540-47892-8>.

**Lenstra:1993:NFSb**

- [LLMP93] A. K. Lenstra, H. W. Lenstra, Jr., M. S. Manasse, and J. M. Pollard. The number field sieve. *Lecture Notes in Mathematics*, 1554:11–42, 1993. CODEN LNMAA2. ISBN 3-540-57013-6 (print), 3-540-47892-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0091537/>.

**Lindsay:1990:DTA**

- [LM90] J. M. Lindsay and H. Maassen. Duality transform as \*-algebraic isomorphism. *Lecture Notes in Mathematics*, 1442:247–250, 1990. CODEN LNMAA2. ISBN 3-540-53026-6 (print), 3-540-46311-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085517/>.

**Lindenstrauss:1991:GAF**

- [LM91] Joram Lindenstrauss and Vitali D. Milman, editors. *Geometric Aspects of Functional Analysis: Israel Seminar (GAFA) 1989–90*, volume 1469 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1991. CODEN LNMAA2. ISBN 3-540-54024-5 (print), 3-540-47355-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1469. URL <http://link.springer.com/book/10.1007/BFb0089211>; <http://www.springerlink.com/content/978-3-540-47355-8>.

**Long:1991:WSI**

- [LN91] Ruilin Long and Fusheng Nie. Weighted Sobolev inequality and eigenvalue estimates of Schrödinger operators. *Lecture Notes in Mathematics*, 1494:131–141, 1991. CODEN LNMAA2. ISBN 3-540-54901-3 (print), 3-540-46474-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0087765/>.

**Leandre:1997:IPC**

- [LN97] R. Léandre and J. R. Norris. Integration by parts and Cameron–Martin formulas for the free path space of a compact Riemannian manifold. *Lecture Notes in Mathematics*, 1655:16–23, 1997. CODEN LNMAA2. ISBN 3-540-62634-4 (print), 3-540-68352-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0119288/>.

**Li:1998:Ea**

- [LO98a] Ke-Zheng Li and Frans Oort. Examples on  $S_{g,1}$ . *Lecture Notes in Mathematics*, 1680:55–68, 1998. CODEN LNMAA2. ISBN 3-540-63923-3 (print), 3-540-69666-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0095941/>.

**Li:1998:Eb**

- [LO98b] Ke-Zheng Li and Frans Oort. Examples on  $S_{g,d}$  ( $d > 1$ ). *Lecture Notes in Mathematics*, 1680:84–86, 1998. CODEN LNMAA2. ISBN 3-540-63923-3 (print), 3-540-69666-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0095944/>.

**Li:1998:FTQ**

- [LO98c] Ke-Zheng Li and Frans Oort. Flag type quotients. *Lecture Notes in Mathematics*, 1680:19–23, 1998. CODEN LNMAA2. ISBN 3-540-63923-3 (print), 3-540-69666-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0095935/>.

**Li:1998:I**

- [LO98d] Ke-Zheng Li and Frans Oort. Introduction. *Lecture Notes in Mathematics*, 1680:1–10, 1998. CODEN LNMAA2. ISBN 3-540-63923-3 (print), 3-540-69666-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0095932/>.

**Li:1998:MRa**

- [LO98e] Ke-Zheng Li and Frans Oort. Main results on  $S_{g,1}$ . *Lecture Notes in Mathematics*, 1680:24–27, 1998. CODEN LNMAA2. ISBN 3-540-63923-3 (print), 3-540-69666-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0095936/>.

**Li:1998:MRb**

- [LO98f] Ke-Zheng Li and Frans Oort. Main results on  $S_{g,d}$ . *Lecture Notes in Mathematics*, 1680:69–72, 1998. CODEN LNMAA2. ISBN 3-540-63923-3 (print), 3-540-69666-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0095942/>.

**Li:1998:MRP**

- [LO98g] Ke-Zheng Li and Frans Oort. Moduli of rigid PFTQs of Dieudonné modules. *Lecture Notes in Mathematics*, 1680:39–50, 1998. CODEN LNMAA2. ISBN 3-540-63923-3 (print), 3-540-69666-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0095939/>.

**Li:1998:MSA**

- [LO98h] Ke-Zheng Li and Frans Oort. *Moduli of Supersingular Abelian Varieties*, volume 1680 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1998. CODEN LNMAA2. ISBN 3-540-63923-3 (print), 3-540-69666-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). iv + 116 pp. LCCN QA3 .L28 no. 1680. URL <http://link.springer.com/book/10.1007/BFb0095931>; <http://www.springerlink.com/content/978-3-540-69666-7>.

**Li:1998:PDM**

- [LO98i] Ke-Zheng Li and Frans Oort. PFTQs of Dieudonné modules over  $W$ . *Lecture Notes in Mathematics*, 1680:35–38, 1998. CODEN LNMAA2. ISBN 3-540-63923-3 (print), 3-540-69666-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0095938/>.

**Li:1998:PAD**

- [LO98j] Ke-Zheng Li and Frans Oort. Prerequisites about Dieudonné modules. *Lecture Notes in Mathematics*, 1680:28–34, 1998. CODEN LNMAA2. ISBN 3-540-63923-3 (print), 3-540-69666-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0095937/>.

**Li:1998:PPF**

- [LO98k] Ke-Zheng Li and Frans Oort. Proofs of the propositions on FTQs. *Lecture Notes in Mathematics*, 1680:73–83, 1998. CODEN LNMAA2. ISBN 3-540-63923-3 (print), 3-540-69666-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0095943/>.

**Li:1998:STD**

- [LO98l] Ke-Zheng Li and Frans Oort. A scheme-theoretic definition of supersingularity. *Lecture Notes in Mathematics*, 1680:87–95, 1998.

CODEN LNMAA2. ISBN 3-540-63923-3 (print), 3-540-69666-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0095945/>.

**Li:1998:SCN**

- [LO98m] Ke-Zheng Li and Frans Oort. Some class numbers. *Lecture Notes in Mathematics*, 1680:51–54, 1998. CODEN LNMAA2. ISBN 3-540-63923-3 (print), 3-540-69666-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0095940/>.

**Li:1998:SPA**

- [LO98n] Ke-Zheng Li and Frans Oort. Some prerequisites about group schemes. *Lecture Notes in Mathematics*, 1680:16–18, 1998. CODEN LNMAA2. ISBN 3-540-63923-3 (print), 3-540-69666-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0095934/>.

**Li:1998:SAV**

- [LO98o] Ke-Zheng Li and Frans Oort. Supersingular abelian varieties. *Lecture Notes in Mathematics*, 1680:11–15, 1998. CODEN LNMAA2. ISBN 3-540-63923-3 (print), 3-540-69666-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0095933/>.

**Lobry:1991:DB**

- [Lob91] Claude Lobry. Dynamic bifurcations. *Lecture Notes in Mathematics*, 1493:1–13, 1991. CODEN LNMAA2. ISBN 3-540-54900-5 (print), 3-540-46471-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085020/>.

**Loday:1992:IAT**

- [Lod92] Jean-Louis Loday. Introduction to algebraic  $K$ -theory and cyclic homology. *Lecture Notes in Mathematics*, 1491:31–54, 1992. CODEN LNMAA2. ISBN 3-540-55007-0 (print), 3-540-46639-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0088878/>.

**Lomonaco:1992:NOC**

- [Lom92] Luciano Lomonaco. Normalized operations in cohomology. *Lecture Notes in Mathematics*, 1509:240–249, 1992. CODEN LNMAA2. ISBN 3-540-55195-6 (print), 3-540-46772-6 (e-book).

ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0087514/>.

**Lorentz:1992:BPB**

- [Lor92a] Rudolph A. Lorentz. Basic properties of Birkhoff interpolation. *Lecture Notes in Mathematics*, 1516:9–22, 1992. CODEN LNMAA2. ISBN 3-540-55870-5 (print), 3-540-47300-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0088791/>.

**Lorentz:1992:DT**

- [Lor92b] Rudolph A. Lorentz. Decomposition theorems. *Lecture Notes in Mathematics*, 1516:62–71, 1992. CODEN LNMAA2. ISBN 3-540-55870-5 (print), 3-540-47300-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0088794/>.

**Lorentz:1992:E**

- [Lor92c] Rudolph A. Lorentz. Examples. *Lecture Notes in Mathematics*, 1516:75–89, 1992. CODEN LNMAA2. ISBN 3-540-55870-5 (print), 3-540-47300-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0088796/>.

**Lorentz:1992:I**

- [Lor92d] Rudolph A. Lorentz. Introduction. *Lecture Notes in Mathematics*, 1516:1–3, 1992. CODEN LNMAA2. ISBN 3-540-55870-5 (print), 3-540-47300-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0088789/>.

**Lorentz:1992:KIB**

- [Lor92e] Rudolph A. Lorentz. Kergin interpolation via Birkhoff interpolation. *Lecture Notes in Mathematics*, 1516:162–170, 1992. CODEN LNMAA2. ISBN 3-540-55870-5 (print), 3-540-47300-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0088801/>.

**Lorentz:1992:MBI**

- [Lor92f] Rudolph A. Lorentz. *Multivariate Birkhoff Interpolation*, volume 1516 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc.,

1992. CODEN LNMAA2. ISBN 3-540-55870-5 (print), 3-540-47300-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). x + 192 pp. LCCN QA3 .L28 no. 1516. URL <http://link.springer.com/book/10.1007/BFb0088788>; <http://www.springerlink.com/content/978-3-540-47300-8>.

**Lorentz:1992:R**

[Lor92g]

Rudolph A. Lorentz. Reduction. *Lecture Notes in Mathematics*, 1516:72–74, 1992. CODEN LNMAA2. ISBN 3-540-55870-5 (print), 3-540-47300-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0088795>.

**Lorentz:1992:SC**

[Lor92h]

Rudolph A. Lorentz. Shifts and coalescences. *Lecture Notes in Mathematics*, 1516:50–61, 1992. CODEN LNMAA2. ISBN 3-540-55870-5 (print), 3-540-47300-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0088793>.

**Lorentz:1992:SIS**

[Lor92i]

Rudolph A. Lorentz. Singular interpolation schemes. *Lecture Notes in Mathematics*, 1516:23–49, 1992. CODEN LNMAA2. ISBN 3-540-55870-5 (print), 3-540-47300-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0088792>.

**Lorentz:1992:TS**

[Lor92j]

Rudolph A. Lorentz. A theorem of severi. *Lecture Notes in Mathematics*, 1516:156–161, 1992. CODEN LNMAA2. ISBN 3-540-55870-5 (print), 3-540-47300-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0088800>.

**Lorentz:1992:UH1a**

[Lor92k]

Rudolph A. Lorentz. Uniform Hermite interpolation of tensor-product type. *Lecture Notes in Mathematics*, 1516:90–102, 1992. CODEN LNMAA2. ISBN 3-540-55870-5 (print), 3-540-47300-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0088797>.

**Lorentz:1992:UH1b**

- [Lor92l] Rudolph A. Lorentz. Uniform Hermite interpolation of type total degree. *Lecture Notes in Mathematics*, 1516:103–138, 1992. CODEN LNMAA2. ISBN 3-540-55870-5 (print), 3-540-47300-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0088798/>.

**Lorentz:1992:UI**

- [Lor92m] Rudolph A. Lorentz. Univariate interpolation. *Lecture Notes in Mathematics*, 1516:4–8, 1992. CODEN LNMAA2. ISBN 3-540-55870-5 (print), 3-540-47300-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0088790/>.

**Lorentz:1992:VD**

- [Lor92n] Rudolph A. Lorentz. Vandermonde determinants. *Lecture Notes in Mathematics*, 1516:139–155, 1992. CODEN LNMAA2. ISBN 3-540-55870-5 (print), 3-540-47300-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0088799/>.

**Lou:1991:WNI**

- [Lou91a] Hongwei Lou. Weighted norm inequalities for the restriction of Fourier transform to  $S^{n-1}$ . *Lecture Notes in Mathematics*, 1494: 130, 1991. CODEN LNMAA2. ISBN 3-540-54901-3 (print), 3-540-46474-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0087764>.

**Louis:1991:MQB**

- [Lou91b] Alfred K. Louis. Mathematical questions of a biomagnetic imaging problem. *Lecture Notes in Mathematics*, 1497:126–132, 1991. CODEN LNMAA2. ISBN 3-540-54970-6 (print), 3-540-46615-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084513/>.

**Lacomba:1990:EES**

- [LP90a] Ernesto A. Lacomba and Felipe Peredo. Escape-equilibrium solutions in the repulsive Coulombian isosceles 3-body problem. *Lecture Notes in Mathematics*, 1416:178–191, 1990. CODEN LNMAA2. ISBN 3-540-52191-7 (print), 3-540-46920-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/BFb0097471/](http://link.springer.com/chapter/10.1007/BFb0097471).

**Lindsay:1990:RPC**

- [LP90b] J. M. Lindsay and K. R. Parthasarathy. Rigidity of the Poisson convolution. *Lecture Notes in Mathematics*, 1442:251–262, 1990. CODEN LNMAA2. ISBN 3-540-53026-6 (print), 3-540-46311-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085518/>.

**Lloyd:1990:CCB**

- [LP90c] N. G. Lloyd and J. M. Pearson. Conditions for a centre and the bifurcation of limit cycles in a class of cubic systems. *Lecture Notes in Mathematics*, 1455:230–242, 1990. CODEN LNMAA2. ISBN 3-540-53509-8 (print), 3-540-46722-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085395/>.

**Lin:1991:BSP**

- [LP91] Peng Lin and Lizhong Peng. Besov spaces of Paley–Wiener type. *Lecture Notes in Mathematics*, 1494:95–112, 1991. CODEN LNMAA2. ISBN 3-540-54901-3 (print), 3-540-46474-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0087761/>.

**Lluis-Puebla:1992:HAT**

- [LPLG<sup>+</sup>92] Emilio Lluis-Puebla, Jean-Louis Loday, Henri Gillet, Christophe Soulé, and Victor Snaith. *Higher Algebraic K-Theory: an overview*, volume 1491 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1992. CODEN LNMAA2. ISBN 3-540-55007-0 (print), 3-540-46639-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). x + 164 pp. LCCN QA3 .L28 no. 1491. URL <http://link.springer.com/book/10.1007/BFb0088876>; <http://www.springerlink.com/content/978-3-540-46639-0>.

**Liu:1995:CMS**

- [LQ95a] Pei-Dong Liu and Min Qian. Characterization of measures satisfying entropy formula. *Lecture Notes in Mathematics*, 1606: 128–181, 1995. CODEN LNMAA2. ISBN 3-540-60004-3 (print), 3-540-49291-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/BFb0094315/](http://link.springer.com/chapter/10.1007/BFb0094315).

**Liu:1995:ELE**

- [LQ95b] Pei-Dong Liu and Min Qian. Entropy and Lyapunov exponents of random diffeomorphisms. *Lecture Notes in Mathematics*, 1606: 22–44, 1995. CODEN LNMAA2. ISBN 3-540-60004-3 (print), 3-540-49291-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094310/>.

**Liu:1995:EEA**

- [LQ95c] Pei-Dong Liu and Min Qian. Estimation of entropy from above through Lyapunov exponents. *Lecture Notes in Mathematics*, 1606:45–54, 1995. CODEN LNMAA2. ISBN 3-540-60004-3 (print), 3-540-49291-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094311/>.

**Liu:1995:EEB**

- [LQ95d] Pei-Dong Liu and Min Qian. Estimation of entropy from below through Lyapunov exponents. *Lecture Notes in Mathematics*, 1606:91–108, 1995. CODEN LNMAA2. ISBN 3-540-60004-3 (print), 3-540-49291-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094313/>.

**Liu:1995:P**

- [LQ95e] Pei-Dong Liu and Min Qian. Preliminaries. *Lecture Notes in Mathematics*, 1606:1–21, 1995. CODEN LNMAA2. ISBN 3-540-60004-3 (print), 3-540-49291-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094309/>.

**Liu:1995:RPH**

- [LQ95f] Pei-Dong Liu and Min Qian. Random perturbations of hyperbolic attractors. *Lecture Notes in Mathematics*, 1606:182–206, 1995. CODEN LNMAA2. ISBN 3-540-60004-3 (print), 3-540-49291-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094316/>.

**Liu:1995:SET**

- [LQ95g] Pei-Dong Liu and Min Qian. *Smooth Ergodic Theory of Random Dynamical Systems*, volume 1606 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany /

London, UK / etc., 1995. CODEN LNMAA2. ISBN 3-540-60004-3 (print), 3-540-49291-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). xii + 221 pp. LCCN QA3 .L28 no. 1606. URL <http://link.springer.com/book/10.1007/BFb0094308>; <http://www.springerlink.com/content/978-3-540-49291-7>.

Liu:1995:SIM

- [LQ95h] Pei-Dong Liu and Min Qian. Stable invariant manifolds of random diffeomorphisms. *Lecture Notes in Mathematics*, 1606:55–90, 1995. CODEN LNMAA2. ISBN 3-540-60004-3 (print), 3-540-49291-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094312>.

Liu:1995:SFD

- [LQ95i] Pei-Dong Liu and Min Qian. Stochastic flows of diffeomorphisms. *Lecture Notes in Mathematics*, 1606:109–127, 1995. CODEN LNMAA2. ISBN 3-540-60004-3 (print), 3-540-49291-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094314>.

Lugo:1990:HFS

- [LR90] Adrian R. Lugo and Jorge G. Russo. Hamiltonian formulation of string theory and multiloop amplitudes in the operator context. *Lecture Notes in Mathematics*, 1451:148–162, 1990. CODEN LNMAA2. ISBN 3-540-53286-2 (print), 3-540-46813-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085068>.

Labesse:1990:CAG

- [LS90a] Jean-Pierre Labesse and Joachim Schwermer, editors. *Cohomology of Arithmetic Groups and Automorphic Forms: Proceedings of a Conference held in Luminy/Marseille, France, May 22–27 1989*, volume 1447 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1990. CODEN LNMAA2. ISBN 3-540-53422-9 (print), 3-540-46876-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1447. URL <http://link.springer.com/book/10.1007/BFb0085723>; <http://www.springerlink.com/content/978-3-540-46876-9>.

**Laksov:1990:TCC**

- [LS90b] Dan Laksov and Robert Speiser. Transversality criteria in any characteristic. *Lecture Notes in Mathematics*, 1436:139–150, 1990. CODEN LNMAA2. ISBN 3-540-52811-3 (print), 3-540-47154-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084044/>.

**Loustaunau:1990:MC**

- [LS90c] Philippe Loustaunau and Jay Shapiro. Morita contexts. *Lecture Notes in Mathematics*, 1448:80–92, 1990. CODEN LNMAA2. ISBN 3-540-53164-5 (print), 3-540-46745-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0091253/>.

**Latushkin:1991:LSP**

- [LS91] Yu. D. Latushkin and A. M. Stepin. Linear skew-product flows and semigroups of weighted composition operators. *Lecture Notes in Mathematics*, 1486:98–111, 1991. CODEN LNMAA2. ISBN 3-540-54662-6 (print), 3-540-46431-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086661/>.

**Levin:1993:ECR**

- [LS93] A. L. Levin and E. B. Saff. Exact convergence rates for best  $L_P$  rational approximation to the signum function and for optimal quadrature in  $H^P$ . *Lecture Notes in Mathematics*, 1550: 98–109, 1993. CODEN LNMAA2. ISBN 3-540-56931-6 (print), 3-540-47792-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0117476/>.

**Lindenstrauss:1996:CBS**

- [LT96] Joram Lindenstrauss and Lior Tzafriri. *Classical Banach Spaces I: Sequence Spaces*, volume ?? Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1996. CODEN LNMAA2. ISBN 3-540-60628-9 (paperback), 3-540-37732-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). ???? pp. URL <http://link.springer.com/book/10.1007/978-3-540-37732-0>. Reprint of *Lecture Notes in Mathematics* volume 1667.

**Lumiste:1991:SPH**

- [Lum91] Ülo Lumiste. On submanifolds with parallel higher order fundamental form in Euclidean spaces. *Lecture Notes in Mathematics*, 1481:126–137, 1991. CODEN LNMAA2. ISBN 3-540-54728-2 (print), 3-540-46445-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083636/>.

**Lundell:1992:CTJ**

- [Lun92] Albert T. Lundell. Concise tables of James numbers and some homotopy of classical Lie groups and associated homogeneous spaces. *Lecture Notes in Mathematics*, 1509:250–272, 1992. CODEN LNMAA2. ISBN 3-540-55195-6 (print), 3-540-46772-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0087515/>.

**Lupton:1990:NCS**

- [Lup90] Gregory Lupton. Note on a conjecture of Stephen Halperin’s. *Lecture Notes in Mathematics*, 1440:148–163, 1990. CODEN LNMAA2. ISBN 3-540-52990-X (print), 3-540-46296-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084459/>.

**Lustig:1990:RDH**

- [Lus90] Martin Lustig. On the rank, the deficiency and the homological dimension of groups: The computation of a lower bound via Fox ideals. *Lecture Notes in Mathematics*, 1440:164–174, 1990. CODEN LNMAA2. ISBN 3-540-52990-X (print), 3-540-46296-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084460/>.

**Laksov:1990:NCC**

- [LW90a] Dan Laksov and Karin Westin. Nullstellensätze; conjectures and counterexamples. *Lecture Notes in Mathematics*, 1420:178–190, 1990. CODEN LNMAA2. ISBN 3-540-52313-8 (print), 3-540-46952-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083919/>.

**Langevin:1990:CAP**

- [LW90b] Michel Langevin and Michel Waldschmidt, editors. *Cinquante Ans de Polynômes — Fifty Years of Polynomials: Proceedings of*

*a Conference held in honour of Alain Durand at the Institut Henri Poincaré Paris, France, May 26–27, 1988*, volume 1415 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1990. CODEN LNMAA2. ISBN 3-540-52190-9 (print), 3-540-46919-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1415. URL <http://link.springer.com/book/10.1007/BFb0084876>; <http://www.springerlink.com/content/978-3-540-46919-3>.

**Leander:1990:RGI**

[LW90c]

Rémi Leander and Michel Weber. Une représentation gaussienne de l'indice d'un opérateur. (French) []. *Lecture Notes in Mathematics*, 1426:105–106, 1990. CODEN LNMAA2. ISBN 3-540-52694-3 (print), 3-540-47098-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083759>.

**Lyubashenko:1992:RIF**

[Lyu92]

Vladimir Lyubashenko. Real and imaginary forms of quantum groups. *Lecture Notes in Mathematics*, 1510:67–78, 1992. CODEN LNMAA2. ISBN 3-540-55305-3 (print), 3-540-47020-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0101179/>.

**Lychagin:1992:DSS**

[LZ92]

V. V. Lychagin and L. V. Zil'bergleit. Duality in stable Spencer cohomologies. *Lecture Notes in Mathematics*, 1520:41–55, 1992. CODEN LNMAA2. ISBN 3-540-55583-8 (print), 3-540-47223-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084714/>.

**Maass:1991:SVD**

[Maa91]

Peter Maass. Singular value decompositions for Radon transforms. *Lecture Notes in Mathematics*, 1497:6–14, 1991. CODEN LNMAA2. ISBN 3-540-54970-6 (print), 3-540-46615-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084504/>.

**MacDonald:1991:CFP**

[Mac91]

John L. MacDonald. Concretely functorial programming. *Lecture Notes in Mathematics*, 1488:282–297, 1991. CODEN LNMAA2. ISBN 3-540-54706-1 (print), 3-540-46435-2 (e-book).

ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084227/>.

**Madych:1991:IRH**

- [Mad91] W. R. Madych. Image reconstruction in Hilbert space. *Lecture Notes in Mathematics*, 1497:15–45, 1991. CODEN LNMAA2. ISBN 3-540-54970-6 (print), 3-540-46615-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084505/>.

**Maimeskul:1993:DAA**

- [Mai93a] V. V. Maimeskul. Degree of approximation of analytic functions by “near the best” polynomial approximants. *Lecture Notes in Mathematics*, 1550:160–163, 1993. CODEN LNMAA2. ISBN 3-540-56931-6 (print), 3-540-47792-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0117482/>.

**Maisonneuve:1993:PMN**

- [Mai93b] Bernard Maisonneuve. Processus de Markov: Naissance, retournement, régénération. (French) []. *Lecture Notes in Mathematics*, 1541:261–292, 1993. CODEN LNMAA2. ISBN 3-540-56622-8 (print), 3-540-47608-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084191/>.

**Maille:1994:UPM**

- [Mai94] Sophie Maille. Sur l’utilisation de processus de Markov dans le modèle d’Ising: attractivité et couplage. (French) []. *Lecture Notes in Mathematics*, 1583:195–235, 1994. CODEN LNMAA2. ISBN 3-540-58331-9 (print), 3-540-48656-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073848/>.

**Maini:1999:MMM**

- [Mai99] Philip K. Maini. Mathematical models in morphogenesis. *Lecture Notes in Mathematics*, 1714:151–189, 1999. CODEN LNMAA2. ISBN 3-540-66522-6 (print), 3-540-48170-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092377/>.

**Majid:1992:RQG**

- [Maj92] Shahn Majid. Rank of quantum groups and braided groups in dual form. *Lecture Notes in Mathematics*, 1510:79–89, 1992. CODEN LNMAA2. ISBN 3-540-55305-3 (print), 3-540-47020-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0101180/>.

**Malliavin:1991:TIT**

- [Mal91] Marie-Paule Malliavin, editor. *Topics in Invariant Theory: Séminaire d'Algèbre P. Dubreil et M.-P. Malliavin 1989–1990 (40ème Année)*, volume 1478 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1991. CODEN LNMAA2. ISBN 3-540-54377-5 (print), 3-540-47592-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1478. URL <http://link.springer.com/book/10.1007/BFb0083499>; <http://www.springerlink.com/content/978-3-540-47592-7>.

**Malczak:1992:SLT**

- [Mal92] Jan Malczak. Some limit theorems for Markov operators and their applications. *Lecture Notes in Mathematics*, 1514:153–162, 1992. CODEN LNMAA2. ISBN 3-540-55444-0 (print), 3-540-47076-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0097536/>.

**Manni:1992:MFF**

- [Man92] Riccardo Salvati Manni. Modular forms of the fourth degree. *Lecture Notes in Mathematics*, 1515:106–111, 1992. CODEN LNMAA2. ISBN 3-540-55295-2 (print), 3-540-47016-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0098340/>.

**Mandal:1997:CI**

- [Man97a] Satya Mandal. Complete intersections. *Lecture Notes in Mathematics*, 1672:73–90, 1997. CODEN LNMAA2. ISBN 3-540-63564-5 (print), 3-540-69598-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093563/>.

**Mandal:1997:EMP**

- [Man97b] Satya Mandal. Extended modules over polynomial rings. *Lecture Notes in Mathematics*, 1672:25–33, 1997. CODEN LNMAA2. ISBN 3-540-63564-5 (print), 3-540-69598-2 (e-book).

ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093560/>.

**Mandal:1997:I**

- [Man97c] Satya Mandal. Introduction. *Lecture Notes in Mathematics*, 1672:1–2, 1997. CODEN LNMAA2. ISBN 3-540-63564-5 (print), 3-540-69598-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093557>.

**Mandal:1997:MCR**

- [Man97d] Satya Mandal. Modules over commutative rings. *Lecture Notes in Mathematics*, 1672:35–62, 1997. CODEN LNMAA2. ISBN 3-540-63564-5 (print), 3-540-69598-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093561>.

**Mandal:1997:PMO**

- [Man97e] Satya Mandal. Patching modules and other preliminaries. *Lecture Notes in Mathematics*, 1672:13–23, 1997. CODEN LNMAA2. ISBN 3-540-63564-5 (print), 3-540-69598-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093559>.

**Mandal:1997:PFP**

- [Man97f] Satya Mandal. Préliminaires. (French) [Preliminaries]. *Lecture Notes in Mathematics*, 1672:3–12, 1997. CODEN LNMAA2. ISBN 3-540-63564-5 (print), 3-540-69598-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093558>.

**Mandal:1997:PMC**

- [Man97g] Satya Mandal. *Projective Modules and Complete Intersections*, volume 1672 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1997. CODEN LNMAA2. ISBN 3-540-63564-5 (print), 3-540-69598-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). viii + 114 pp. LCCN QA3 .L28 no. 1672. URL <http://link.springer.com/book/10.1007/BFb0093556>; <http://www.springerlink.com/content/978-3-540-69598-1>.

**Mandal:1997:TL**

- [Man97h] Satya Mandal. The techniques of Lindel. *Lecture Notes in Mathematics*, 1672:91–110, 1997. CODEN LNMAA2. ISBN 3-540-63564-5 (print), 3-540-69598-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093564/>.

**Mandal:1997:TM**

- [Man97i] Satya Mandal. The theory of matrices. *Lecture Notes in Mathematics*, 1672:63–72, 1997. CODEN LNMAA2. ISBN 3-540-63564-5 (print), 3-540-69598-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093562/>.

**Mao:1991:LFA**

- [Mao91] Xuerong Mao. Lyapunov functions and almost sure exponential stability. *Lecture Notes in Mathematics*, 1486:165–177, 1991. CODEN LNMAA2. ISBN 3-540-54662-6 (print), 3-540-46431-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086666/>.

**Marcellini:1990:NCI**

- [Mar90a] Paolo Marcellini. Non convex integrals of the Calculus of Variations. *Lecture Notes in Mathematics*, 1446:16–57, 1990. CODEN LNMAA2. ISBN 3-540-53120-3 (print), 3-540-46715-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084930/>.

**Marcum:1990:HEC**

- [Mar90b] Howard J. Marcum. Homotopy equivalences in 2-categories. *Lecture Notes in Mathematics*, 1425:71–86, 1990. CODEN LNMAA2. ISBN 3-540-52658-7 (print), 3-540-47091-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083832/>.

**Marin:1990:TCF**

- [Mar90c] Alexis Marin. Sur un théorème de Cheponkus. (French) []. *Lecture Notes in Mathematics*, 1420:191–193, 1990. CODEN LNMAA2. ISBN 3-540-52313-8 (print), 3-540-46952-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083920/>.

**Maritz:1990:SAO**

- [Mar90d] P. Maritz. On some aspects of open multifunctions. *Lecture Notes in Mathematics*, 1419:110–130, 1990. CODEN LNMAA2. ISBN 3-540-52322-7 (print), 3-540-46955-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083103/>.

**Marar:1991:ECD**

- [Mar91] W. L. Marar. The Euler characteristic of the disentanglement of the image of a corank 1 map germ. *Lecture Notes in Mathematics*, 1462:212–220, 1991. CODEN LNMAA2. ISBN 3-540-53737-6 (print), 3-540-47060-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086384/>.

**Martio:1992:PDE**

- [Mar92] Olli Martio. Partial differential equations and quasiregular mappings. *Lecture Notes in Mathematics*, 1508:65–79, 1992. CODEN LNMAA2. ISBN 3-540-55418-1 (print), 3-540-47061-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094238/>.

**Markowich:1993:KMS**

- [Mar93a] Peter A. Markowich. Kinetic models for semiconductors. *Lecture Notes in Mathematics*, 1551:87–111, 1993. CODEN LNMAA2. ISBN 3-540-56945-6 (print), 3-540-47832-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0090930/>.

**Martelli:1993:CPB**

- [Mar93b] Mario Martelli. Continuation principles and boundary value problems. *Lecture Notes in Mathematics*, 1537:32–73, 1993. CODEN LNMAA2. ISBN 3-540-56461-6 (print), 3-540-47563-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085075/>.

**Marshall:1996:ARS**

- [Mar96a] Murray A. Marshall. Abstract real spectra. *Lecture Notes in Mathematics*, 1636:99–131, 1996. CODEN LNMAA2. ISBN 3-540-61729-9 (print), 3-540-69996-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092703/>.

**Marshall:1996:FRT**

- [Mar96b] Murray A. Marshall. Fans and the representation theorem. *Lecture Notes in Mathematics*, 1636:37–59, 1996. CODEN LNMAA2. ISBN 3-540-61729-9 (print), 3-540-69996-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092700/>.

**Marshall:1996:I**

- [Mar96c] Murray A. Marshall. Introduction. *Lecture Notes in Mathematics*, 1636:1–4, 1996. CODEN LNMAA2. ISBN 3-540-61729-9 (print), 3-540-69996-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092697/>.

**Marshall:1996:MGC**

- [Mar96d] Murray A. Marshall. Minimal generation of constructible sets. *Lecture Notes in Mathematics*, 1636:133–150, 1996. CODEN LNMAA2. ISBN 3-540-61729-9 (print), 3-540-69996-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092704/>.

**Marshall:1996:OF**

- [Mar96e] Murray A. Marshall. Orderings on fields. *Lecture Notes in Mathematics*, 1636:5–17, 1996. CODEN LNMAA2. ISBN 3-540-61729-9 (print), 3-540-69996-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092698/>.

**Marshall:1996:SCC**

- [Mar96f] Murray A. Marshall.  $P$ -structures, connected components and 0 the isotropy theorem. *Lecture Notes in Mathematics*, 1636:61–82, 1996. CODEN LNMAA2. ISBN 3-540-61729-9 (print), 3-540-69996-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092701/>.

**Marshall:1996:RSR**

- [Mar96g] Murray A. Marshall. The real spectrum of a ring. *Lecture Notes in Mathematics*, 1636:83–97, 1996. CODEN LNMAA2. ISBN 3-540-61729-9 (print), 3-540-69996-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092702/>.

**Marshall:1996:SO**

- [Mar96h] Murray A. Marshall. Spaces of orderings. *Lecture Notes in Mathematics*, 1636:19–35, 1996. CODEN LNMAA2. ISBN 3-540-61729-9 (print), 3-540-69996-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092699>.

**Marshall:1996:SOA**

- [Mar96i] Murray A. Marshall. *Spaces of Orderings and Abstract Real Spectra*, volume 1636 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1996. CODEN LNMAA2. ISBN 3-540-61729-9 (print), 3-540-69996-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). vi + 190 pp. LCCN QA3 .L28 no. 1636. URL <http://link.springer.com/book/10.1007/BFb0092696>; <http://www.springerlink.com/content/978-3-540-69996-5>.

**Marshall:1996:SRR**

- [Mar96j] Murray A. Marshall. Structure results and realization results. *Lecture Notes in Mathematics*, 1636:151–181, 1996. CODEN LNMAA2. ISBN 3-540-61729-9 (print), 3-540-69996-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092705>.

**Marker:1998:ZG**

- [Mar98] David Marker. Zariski geometries. *Lecture Notes in Mathematics*, 1696:107–128, 1998. CODEN LNMAA2. ISBN 3-540-64863-1 (print), 3-540-68521-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-540-68521-0\\_7](http://link.springer.com/chapter/10.1007/978-3-540-68521-0_7).

**Martinelli:1999:LGD**

- [Mar99] Fabio Martinelli. Lectures on Glauber dynamics for discrete spin models. *Lecture Notes in Mathematics*, 1717:93–191, 1999. CODEN LNMAA2. ISBN 3-540-66593-5 (print), 3-540-48115-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-540-48115-7\\_2](http://link.springer.com/chapter/10.1007/978-3-540-48115-7_2).

**Massey:1995:AS**

- [Mas95a] David B. Massey. Aligned singularities. *Lecture Notes in Mathematics*, 1615:75–80, 1995. CODEN LNMAA2. ISBN 3-540-60395-

6 (print), 3-540-45521-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094417/>.

Massey:1995:CMF

- [Mas95b] David B. Massey. Constancy of the Milnor fibrations. *Lecture Notes in Mathematics*, 1615:86–91, 1995. CODEN LNMAA2. ISBN 3-540-60395-6 (print), 3-540-45521-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094419/>.

Massey:1995:DBP

- [Mas95c] David B. Massey. Definitions and basic properties. *Lecture Notes in Mathematics*, 1615:8–30, 1995. CODEN LNMAA2. ISBN 3-540-60395-6 (print), 3-540-45521-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094411/>.

Massey:1995:EE

- [Mas95d] David B. Massey. Elementary examples. *Lecture Notes in Mathematics*, 1615:31–36, 1995. CODEN LNMAA2. ISBN 3-540-60395-6 (print), 3-540-45521-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094412/>.

Massey:1995:GIF

- [Mas95e] David B. Massey. Generalized L<sup>e</sup>-Iomdine formulas. *Lecture Notes in Mathematics*, 1615:42–60, 1995. CODEN LNMAA2. ISBN 3-540-60395-6 (print), 3-540-45521-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094414/>.

Massey:1995:HDM

- [Mas95f] David B. Massey. A handle decomposition of the Milnor fibre. *Lecture Notes in Mathematics*, 1615:37–41, 1995. CODEN LNMAA2. ISBN 3-540-60395-6 (print), 3-540-45521-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094413/>.

Massey:1995:I

- [Mas95g] David B. Massey. Introduction. *Lecture Notes in Mathematics*, 1615:1–7, 1995. CODEN LNMAA2. ISBN 3-540-60395-6 (print),

3-540-45521-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094410/>.

**Massey:1995:CHS**

- [Mas95h] David B. Massey. *Lê Cycles and Hypersurface Singularities*, volume 1615 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1995. CODEN LNMAA2. ISBN 3-540-60395-6 (print), 3-540-45521-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). xii + 131 pp. LCCN QA3 .L28 no. 1615. URL <http://link.springer.com/book/10.1007/BFb0094409>; <http://www.springerlink.com/content/978-3-540-45521-9>.

**Massey:1995:NHA**

- [Mas95i] David B. Massey. Lê numbers and hyperplane arrangements. *Lecture Notes in Mathematics*, 1615:61–67, 1995. CODEN LNMAA2. ISBN 3-540-60395-6 (print), 3-540-45521-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/BFb0094415/](http://link.springer.com/chapter/10.1007/BFb0094415).

**Massey:1995:OCC**

- [Mas95j] David B. Massey. Other characterizations of the Lê cycles. *Lecture Notes in Mathematics*, 1615:92–104, 1995. CODEN LNMAA2. ISBN 3-540-60395-6 (print), 3-540-45521-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/BFb0094420/](http://link.springer.com/chapter/10.1007/BFb0094420).

**Massey:1995:SS**

- [Mas95k] David B. Massey. Suspending singularities. *Lecture Notes in Mathematics*, 1615:81–85, 1995. CODEN LNMAA2. ISBN 3-540-60395-6 (print), 3-540-45521-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/BFb0094418/](http://link.springer.com/chapter/10.1007/BFb0094418).

**Massey:1995:TC**

- [Mas95l] David B. Massey. Thom's  $a_f$  condition. *Lecture Notes in Mathematics*, 1615:68–74, 1995. CODEN LNMAA2. ISBN 3-540-60395-6 (print), 3-540-45521-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/BFb0094416/](http://link.springer.com/chapter/10.1007/BFb0094416).

**Matano:1990:SSN**

- [Mat90a] Hiroshi Matano. Singular solutions of a nonlinear elliptic equation and an infinite dimensional dynamical system. *Lecture Notes in Mathematics*, 1450:64–87, 1990. CODEN LNMAA2. ISBN 3-540-53393-1 (print), 3-540-46818-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084899/>.

**Matone:1990:CFT**

- [Mat90b] Marco Matone. Conformal field theory, real weight differentials and KdV equation in higher genus. *Lecture Notes in Mathematics*, 1451:163–175, 1990. CODEN LNMAA2. ISBN 3-540-53286-2 (print), 3-540-46813-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085069/>.

**Matsumoto:1990:VDZ**

- [Mat90c] Kohji Matsumoto. Value-distribution of zeta-functions. *Lecture Notes in Mathematics*, 1434:178–187, 1990. CODEN LNMAA2. ISBN 3-540-52787-7 (print), 3-540-47147-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0097134/>.

**Matsuura:1993:NCC**

- [Mat93] Shigetake Matsuura. On non-convex curves of constant angle. *Lecture Notes in Mathematics*, 1540:251–268, 1993. CODEN LNMAA2. ISBN 3-540-56471-3 (print), 3-540-47565-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085484/>.

**Mathieu:1998:QIL**

- [Mat98] P. Mathieu. Quand l'inégalité log-Sobolev implique l'inégalité de trou spectral. (French) [J]. *Lecture Notes in Mathematics*, 1686: 30–35, 1998. CODEN LNMAA2. ISBN 3-540-64376-1 (print), 3-540-69762-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0101748/>.

**Maubach:1990:SPH**

- [Mau90] J. Maubach. On the sparsity patterns of hierarchical finite element matrices. *Lecture Notes in Mathematics*, 1457:79–104, 1990. CODEN LNMAA2. ISBN 3-540-53515-2 (print), 3-540-46746-7

(e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0090903/>.

**Mawhin:1993:TDB**

- [Maw93] J. Mawhin. Topological degree and boundary value problems for nonlinear differential equations. *Lecture Notes in Mathematics*, 1537:74–142, 1993. CODEN LNMAA2. ISBN 3-540-56461-6 (print), 3-540-47563-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085076/>.

**May:1990:WEQ**

- [May90] J. P. May. Weak equivalences and quasifibrations. *Lecture Notes in Mathematics*, 1425:91–101, 1990. CODEN LNMAA2. ISBN 3-540-52658-7 (print), 3-540-47091-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083834/>.

**Mazet:1997:CSG**

- [Maz97] Olivier Mazet. Classification des semi-groupes de diffusion sur IR associés à une famille de polynômes orthogonaux. (French) [J]. *Lecture Notes in Mathematics*, 1655:40–53, 1997. CODEN LNMAA2. ISBN 3-540-62634-4 (print), 3-540-68352-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0119290/>.

**McCleary:1990:HTC**

- [McC90a] John McCleary. Homotopy theory and closed geodesics. *Lecture Notes in Mathematics*, 1418:86–94, 1990. CODEN LNMAA2. ISBN 3-540-52246-8 (print), 3-540-46938-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083695/>.

**McConnell:1990:QGF**

- [McC90b] J. C. McConnell. Quantum groups, filtered rings and Gelfand–Kirillov dimension. *Lecture Notes in Mathematics*, 1448:139–147, 1990. CODEN LNMAA2. ISBN 3-540-53164-5 (print), 3-540-46745-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0091258/>.

**McCullough:1990:TAA**

- [McC90c] Darryl McCullough. Topological and algebraic automorphisms of 3-manifolds. *Lecture Notes in Mathematics*, 1425:102–113, 1990. CODEN LNMAA2. ISBN 3-540-52658-7 (print), 3-540-47091-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083835/>.

**McCutcheon:1999:DRT**

- [McC99a] Randall McCutcheon. Density Ramsey theory. *Lecture Notes in Mathematics*, 1722:78–110, 1999. CODEN LNMAA2. ISBN 3-540-66809-8 (print), 3-540-46699-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093963/>.

**McCutcheon:1999:EME**

- [McC99b] Randall McCutcheon. *Elemental Methods in Ergodic Ramsey Theory*, volume 1722 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1999. CODEN LNMAA2. ISBN 3-540-66809-8 (print), 3-540-46699-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). iv + 160 pp. LCCN QA3 .L28 no. 1722. URL <http://link.springer.com/book/10.1007/BFb0093959>; <http://www.springerlink.com/content/978-3-540-46699-4>.

**McCutcheon:1999:IRT**

- [McC99c] Randall McCutcheon. Infinitary Ramsey theory. *Lecture Notes in Mathematics*, 1722:40–77, 1999. CODEN LNMAA2. ISBN 3-540-66809-8 (print), 3-540-46699-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093962/>.

**McCutcheon:1999:I**

- [McC99d] Randall McCutcheon. Introduction. *Lecture Notes in Mathematics*, 1722:1–4, 1999. CODEN LNMAA2. ISBN 3-540-66809-8 (print), 3-540-46699-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093960/>.

**McCutcheon:1999:RTT**

- [McC99e] Randall McCutcheon. Ramsey theory and topological dynamics. *Lecture Notes in Mathematics*, 1722:5–39, 1999. CODEN LNMAA2. ISBN 3-540-66809-8 (print), 3-540-46699-1 (e-book).

ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093961/>.

**McCutcheon:1999:TER**

- [McC99f] Randall McCutcheon. Three ergodic Roth theorems. *Lecture Notes in Mathematics*, 1722:111–135, 1999. CODEN LNMAA2. ISBN 3-540-66809-8 (print), 3-540-46699-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093964/>.

**McCutcheon:1999:TST**

- [McC99g] Randall McCutcheon. Two Szemerédi theorems. *Lecture Notes in Mathematics*, 1722:136–152, 1999. CODEN LNMAA2. ISBN 3-540-66809-8 (print), 3-540-46699-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093965/>.

**McGill:1992:GTQ**

- [McG92] Paul McGill. Generalised transforms, quasi-diffusions, and Désiré André’s equation. *Lecture Notes in Mathematics*, 1526:234–247, 1992. CODEN LNMAA2. ISBN 3-540-56021-1 (print), 3-540-47342-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084325/>.

**McIntosh:1990:SRP**

- [McI90] Alan McIntosh. The square root problem for elliptic operators — a survey. *Lecture Notes in Mathematics*, 1450:122–140, 1990. CODEN LNMAA2. ISBN 3-540-53393-1 (print), 3-540-46818-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084902/>.

**McKenzie:1990:SIB**

- [McK90] Ralph McKenzie. Some interactions between group theory and the general theory of algebras. *Lecture Notes in Mathematics*, 1456: 32–48, 1990. CODEN LNMAA2. ISBN 3-540-53475-X (print), 3-540-46900-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0100729/>.

**Miret:1990:SDC**

- [MD90] J. M. Miret and S. Xambó Descamps. On Schubert’s degenerations of cuspidal plane cubics. *Lecture Notes in Mathematics*,

1436:189–214, 1990. CODEN LNMAA2. ISBN 3-540-52811-3 (print), 3-540-47154-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084046/>.

**Meleard:1996:ABS**

- [Mél96] Sylvie Méléard. Asymptotic behaviour of some interacting particle systems; McKean–Vlasov and Boltzmann models. *Lecture Notes in Mathematics*, 1627:42–95, 1996. CODEN LNMAA2. ISBN 3-540-61397-8 (print), 3-540-68513-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093177/>.

**Merel:1994:UFE**

- [Mer94] Loïc Merel. Universal Fourier expansions of modular forms. *Lecture Notes in Mathematics*, 1585:59–94, 1994. CODEN LNMAA2. ISBN 3-540-58387-4 (print), 3-540-48681-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0074110/>.

**Metsch:1991:BPR**

- [Met91a] Klaus Metsch. Basic properties and results of  $(n + 1, 1)$ -designs. *Lecture Notes in Mathematics*, 1490:15–20, 1991. CODEN LNMAA2. ISBN 3-540-54720-7 (print), 3-540-46444-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083248/>.

**Metsch:1991:DBP**

- [Met91b] Klaus Metsch. Definition and basic properties of linear spaces. *Lecture Notes in Mathematics*, 1490:1–8, 1991. CODEN LNMAA2. ISBN 3-540-54720-7 (print), 3-540-46444-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083246/>.

**Metsch:1991:DWC**

- [Met91c] Klaus Metsch. The Dowling Wilson conjecture. *Lecture Notes in Mathematics*, 1490:181–187, 1991. CODEN LNMAA2. ISBN 3-540-54720-7 (print), 3-540-46444-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083262/>.

**Metsch:1991:EDP**

- [Met91d] Klaus Metsch. Embedding  $(n+1, 1)$ -designs into projective planes. *Lecture Notes in Mathematics*, 1490:43–60, 1991. CODEN LNMAA2. ISBN 3-540-54720-7 (print), 3-540-46444-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083251/>.

**Metsch:1991:HS**

- [Met91e] Klaus Metsch. A hypothetical structure. *Lecture Notes in Mathematics*, 1490:94–105, 1991. CODEN LNMAA2. ISBN 3-540-54720-7 (print), 3-540-46444-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083255/>.

**Metsch:1991:LSW**

- [Met91f] Klaus Metsch. Linear spaces in which every long line meets only few lines. *Lecture Notes in Mathematics*, 1490:150–160, 1991. CODEN LNMAA2. ISBN 3-540-54720-7 (print), 3-540-46444-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083260/>.

**Metsch:1991:LSP**

- [Met91g] Klaus Metsch. Linear spaces with  $n^2 + n + 1$  points. *Lecture Notes in Mathematics*, 1490:86–93, 1991. CODEN LNMAA2. ISBN 3-540-54720-7 (print), 3-540-46444-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083254/>.

**Metsch:1991:LSL**

- [Met91h] Klaus Metsch. Linear spaces with  $n^2 + n + 2$  lines. *Lecture Notes in Mathematics*, 1490:106–117, 1991. CODEN LNMAA2. ISBN 3-540-54720-7 (print), 3-540-46444-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083256/>.

**Metsch:1991:LSFa**

- [Met91i] Klaus Metsch. Linear spaces with few lines. *Lecture Notes in Mathematics*, 1490:31–42, 1991. CODEN LNMAA2. ISBN 3-540-54720-7 (print), 3-540-46444-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083250/>.

**Metsch:1991:LSFb**

- [Met91j] Klaus Metsch. *Linear Spaces with Few Lines*, volume 1490 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1991. CODEN LNMAA2. ISBN 3-540-54720-7 (print), 3-540-46444-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). xiv + 196 pp. LCCN QA3 .L28 no. 1490. URL <http://link.springer.com/book/10.1007/BFb0083245>; <http://www.springerlink.com/content/978-3-540-46444-0>.

**Metsch:1991:LBN**

- [Met91k] Klaus Metsch. Lower bounds for the number of lines. *Lecture Notes in Mathematics*, 1490:9–14, 1991. CODEN LNMAA2. ISBN 3-540-54720-7 (print), 3-540-46444-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083247>.

**Metsch:1991:NEC**

- [Met91l] Klaus Metsch. The non-existence of certain  $(7, 1)$ -designs and determination of  $A(5)$  and  $A(6)$ . *Lecture Notes in Mathematics*, 1490:131–140, 1991. CODEN LNMAA2. ISBN 3-540-54720-7 (print), 3-540-46444-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083258>.

**Metsch:1991:OBE**

- [Met91m] Klaus Metsch. An optimal bound for embedding linear spaces into projective planes. *Lecture Notes in Mathematics*, 1490:61–73, 1991. CODEN LNMAA2. ISBN 3-540-54720-7 (print), 3-540-46444-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083252>.

**Metsch:1991:PD**

- [Met91n] Klaus Metsch. Points of degree  $n$ . *Lecture Notes in Mathematics*, 1490:21–30, 1991. CODEN LNMAA2. ISBN 3-540-54720-7 (print), 3-540-46444-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083249>.

**Metsch:1991:PDA**

- [Met91o] Klaus Metsch. Points of degree  $n$  and another characterization of the linear spaces  $L(n, d)$ . *Lecture Notes in Mathematics*, 1490:

118–130, 1991. CODEN LNMAA2. ISBN 3-540-54720-7 (print), 3-540-46444-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083257/>.

**Metsch:1991:RGT**

- [Met91p] Klaus Metsch. A result on graph theory with an application to linear spaces. *Lecture Notes in Mathematics*, 1490:141–149, 1991. CODEN LNMAA2. ISBN 3-540-54720-7 (print), 3-540-46444-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083259/>.

**Metsch:1991:FIP**

- [Met91q] Klaus Metsch. *s*-Fold inflated projective planes. *Lecture Notes in Mathematics*, 1490:161–180, 1991. CODEN LNMAA2. ISBN 3-540-54720-7 (print), 3-540-46444-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083261/>.

**Metsch:1991:TT**

- [Met91r] Klaus Metsch. The theorem of totten. *Lecture Notes in Mathematics*, 1490:74–85, 1991. CODEN LNMAA2. ISBN 3-540-54720-7 (print), 3-540-46444-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083253/>.

**Metsch:1991:UE**

- [Met91s] Klaus Metsch. Uniqueness of embeddings. *Lecture Notes in Mathematics*, 1490:188–191, 1991. CODEN LNMAA2. ISBN 3-540-54720-7 (print), 3-540-46444-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083263/>.

**Meuser:1990:FEI**

- [Meu90] Diane Meuser. On a functional equation of Igusa’s local zeta function. *Lecture Notes in Mathematics*, 1454:309–313, 1990. CODEN LNMAA2. ISBN 3-540-53477-6 (print), 3-540-46906-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0091145/>.

**Meyer:1990:OFM**

- [Mey90] Yves Meyer. Ondelettes, filtres miroirs en quadrature et traitement numérique de l’image. (French) []. *Lecture Notes in Mathe-*

*matics*, 1438:14–25, 1990. CODEN LNMAA2. ISBN 3-540-52932-2 (print), 3-540-47179-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083512/>.

Meyer:1991:ADB

- [Mey91a] P.-A. Meyer. Application du “Bébé Fock” au modèle d’Ising. (French) []. *Lecture Notes in Mathematics*, 1485:52–60, 1991. CODEN LNMAA2. ISBN 3-540-54616-2 (print), 3-540-38496-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0100846/>.

Meyer:1991:MSP

- [Mey91b] P.-A. Meyer. Sur la méthode de L. Schwartz pour les é.d.s.. (French) []. *Lecture Notes in Mathematics*, 1485:108–112, 1991. CODEN LNMAA2. ISBN 3-540-54616-2 (print), 3-540-38496-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0100850/>.

Meyer:1993:SPE

- [Mey93a] P.-A. Meyer. Les systèmes-produits et l'espace de Fock d'après W. Arveson. (French) []. *Lecture Notes in Mathematics*, 1557: 106–113, 1993. CODEN LNMAA2. ISBN 3-540-57282-1 (print), 3-540-48034-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0087968/>.

Meyer:1993:RMO

- [Mey93b] P.-A. Meyer. Représentation de martingales d’opérateurs d’après Parthasarathy–Sinha. (French) []. *Lecture Notes in Mathematics*, 1557:97–105, 1993. CODEN LNMAA2. ISBN 3-540-57282-1 (print), 3-540-48034-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0087967/>.

Meyer:1993:RFC

- [Mey93c] P.-A. Meyer. Représentation des fonctions conditionnellement de type positif d’après V. P. Belavkin. (French) []. *Lecture Notes in Mathematics*, 1557:114–121, 1993. CODEN LNMAA2. ISBN 3-540-57282-1 (print), 3-540-48034-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0087969/>.

**Meyer:1993:BM**

- [Mey93d] Paul-André Meyer. Back matter. *Lecture Notes in Mathematics*, 1538:201–293, 1993. CODEN LNMAA2. ISBN 3-540-56476-4 (print), 3-662-21558-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/content/pdf/bbm:978-3-662-21558-6/1.pdf>.

**Meyer:1993:FS**

- [Mey93e] Paul-André Meyer. Fock space (1). *Lecture Notes in Mathematics*, 1538:55–96, 1993. CODEN LNMAA2. ISBN 3-540-56476-4 (print), 3-662-21558-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-662-21558-6\\_4/](http://link.springer.com/chapter/10.1007/978-3-662-21558-6_4/).

**Meyer:1993:FSM**

- [Mey93f] Paul-André Meyer. Fock space (2): Multiple Fock spaces. *Lecture Notes in Mathematics*, 1538:97–116, 1993. CODEN LNMAA2. ISBN 3-540-56476-4 (print), 3-662-21558-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-662-21558-6\\_5/](http://link.springer.com/chapter/10.1007/978-3-662-21558-6_5/).

**Meyer:1993:FM**

- [Mey93g] Paul-André Meyer. Front matter. *Lecture Notes in Mathematics*, 1538:N2–X, 1993. CODEN LNMAA2. ISBN 3-540-56476-4 (print), 3-662-21558-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/content/pdf/bfm:978-3-662-21558-6/1.pdf>.

**Meyer:1993:HO**

- [Mey93h] Paul-André Meyer. The harmonic oscillator. *Lecture Notes in Mathematics*, 1538:41–54, 1993. CODEN LNMAA2. ISBN 3-540-56476-4 (print), 3-662-21558-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-662-21558-6\\_3/](http://link.springer.com/chapter/10.1007/978-3-662-21558-6_3/).

**Meyer:1993:II**

- [Mey93i] Paul-André Meyer. Independent increments. *Lecture Notes in Mathematics*, 1538:187–200, 1993. CODEN LNMAA2. ISBN 3-540-56476-4 (print), 3-662-21558-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-662-21558-6\\_7/](http://link.springer.com/chapter/10.1007/978-3-662-21558-6_7/).

**Meyer:1993:NCP**

- [Mey93j] Paul-André Meyer. Non-commutative probability. *Lecture Notes in Mathematics*, 1538:1–10, 1993. CODEN LNMAA2. ISBN 3-540-56476-4 (print), 3-662-21558-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-662-21558-6\\_1/](http://link.springer.com/chapter/10.1007/978-3-662-21558-6_1/).

**Meyer:1993:QPP**

- [Mey93k] Paul-André Meyer. *Quantum Probability for Probabilists*, volume 1538 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1993. CODEN LNMAA2. ISBN 3-540-56476-4 (print), 3-662-21558-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). x + 287 pp. LCCN QA3 .L28 no. 1538. URL <http://link.springer.com/book/10.1007/978-3-662-21558-6>; <http://www.springerlink.com/content/978-3-662-21558-6>.

**Meyer:1993:S**

- [Mey93l] Paul-André Meyer. Spin. *Lecture Notes in Mathematics*, 1538: 11–40, 1993. CODEN LNMAA2. ISBN 3-540-56476-4 (print), 3-662-21558-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-662-21558-6\\_2/](http://link.springer.com/chapter/10.1007/978-3-662-21558-6_2/).

**Meyer:1993:SCF**

- [Mey93m] Paul-André Meyer. Stochastic calculus in Fock space. *Lecture Notes in Mathematics*, 1538:117–186, 1993. CODEN LNMAA2. ISBN 3-540-56476-4 (print), 3-662-21558-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-662-21558-6\\_6/](http://link.springer.com/chapter/10.1007/978-3-662-21558-6_6/).

**Meyer:1994:TDM**

- [Mey94] P.-A. Meyer. Sur une transformation du mouvement brownien due à Jeulin et Yor. (French) []. *Lecture Notes in Mathematics*, 1583:98–101, 1994. CODEN LNMAA2. ISBN 3-540-58331-9 (print), 3-540-48656-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073836/>.

**Meyer:1995:FS**

- [Mey95a] Paul-André Meyer. Fock space (1). *Lecture Notes in Mathematics*, 1538:57–102, 1995. CODEN LNMAA2. ISBN 3-540-60270-4

(print), 3-540-36959-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084705/>.

**Meyer:1995:FSM**

- [Mey95b] Paul-André Meyer. Fock space (2): Multiple Fock spaces. *Lecture Notes in Mathematics*, 1538:103–124, 1995. CODEN LNMAA2. ISBN 3-540-60270-4 (print), 3-540-36959-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084706/>.

**Meyer:1995:HO**

- [Mey95c] Paul-André Meyer. The harmonic oscillator. *Lecture Notes in Mathematics*, 1538:43–56, 1995. CODEN LNMAA2. ISBN 3-540-60270-4 (print), 3-540-36959-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084704/>.

**Meyer:1995:II**

- [Mey95d] Paul-André Meyer. Independent increments. *Lecture Notes in Mathematics*, 1538:195–208, 1995. CODEN LNMAA2. ISBN 3-540-60270-4 (print), 3-540-36959-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084708/>.

**Meyer:1995:NCP**

- [Mey95e] Paul-André Meyer. Non-commutative probability. *Lecture Notes in Mathematics*, 1538:1–11, 1995. CODEN LNMAA2. ISBN 3-540-60270-4 (print), 3-540-36959-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084702/>.

**Meyer:1995:QPP**

- [Mey95f] Paul-André Meyer. *Quantum Probability for Probabilists*, volume 1538 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1995. CODEN LNMAA2. ISBN 3-540-60270-4 (print), 3-540-36959-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). 208 (est.) pp. LCCN QA3 .L28 no. 1538. URL <http://link.springer.com/book/10.1007/BFb0084701>; <http://www.springerlink.com/content/978-3-540-36959-2>.

**Meyer:1995:S**

- [Mey95g] Paul-André Meyer. Spin. *Lecture Notes in Mathematics*, 1538:13–42, 1995. CODEN LNMAA2. ISBN 3-540-60270-4 (print), 3-540-36959-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084703/>.

**Meyer:1995:SCF**

- [Mey95h] Paul-André Meyer. Stochastic calculus in Fock space. *Lecture Notes in Mathematics*, 1538:125–194, 1995. CODEN LNMAA2. ISBN 3-540-60270-4 (print), 3-540-36959-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084707/>.

**Meyer:1999:CC**

- [Mey99a] Kenneth R. Meyer. Central configurations. *Lecture Notes in Mathematics*, 1719:39–49, 1999. CODEN LNMAA2. ISBN 3-540-66630-3 (print), 3-540-48073-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094681/>.

**Meyer:1999:CO**

- [Mey99b] Kenneth R. Meyer. Comet orbits. *Lecture Notes in Mathematics*, 1719:111–118, 1999. CODEN LNMAA2. ISBN 3-540-66630-3 (print), 3-540-48073-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094687/>.

**Meyer:1999:EP**

- [Mey99c] Kenneth R. Meyer. The elliptic problem. *Lecture Notes in Mathematics*, 1719:129–137, 1999. CODEN LNMAA2. ISBN 3-540-66630-3 (print), 3-540-48073-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094689/>.

**Meyer:1999:ECM**

- [Mey99d] Kenneth R. Meyer. Equations of celestial mechanics. *Lecture Notes in Mathematics*, 1719:9–18, 1999. CODEN LNMAA2. ISBN 3-540-66630-3 (print), 3-540-48073-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094679/>.

**Meyer:1999:HS**

- [Mey99e] Kenneth R. Meyer. Hamiltonian systems. *Lecture Notes in Mathematics*, 1719:19–37, 1999. CODEN LNMAA2. ISBN 3-540-66630-3 (print), 3-540-48073-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094680/>.

**Meyer:1999:HLE**

- [Mey99f] Kenneth R. Meyer. Hill’s lunar equations. *Lecture Notes in Mathematics*, 1719:119–127, 1999. CODEN LNMAA2. ISBN 3-540-66630-3 (print), 3-540-48073-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094688/>.

**Meyer:1999:I**

- [Mey99g] Kenneth R. Meyer. Introduction. *Lecture Notes in Mathematics*, 1719:1–8, 1999. CODEN LNMAA2. ISBN 3-540-66630-3 (print), 3-540-48073-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094678/>.

**Meyer:1999:LO**

- [Mey99h] Kenneth R. Meyer. Lunar orbits. *Lecture Notes in Mathematics*, 1719:105–110, 1999. CODEN LNMAA2. ISBN 3-540-66630-3 (print), 3-540-48073-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094686/>.

**Meyer:1999:PSB**

- [Mey99i] Kenneth R. Meyer. *Periodic Solutions of the N-Body Problem*, volume 1719 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1999. CODEN LNMAA2. ISBN 3-540-66630-3 (print), 3-540-48073-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). x + 144 pp. LCCN QA3 .L28 no. 1719. URL [http://link.springer.com/book/10.1007/BFb0094677/](http://link.springer.com/book/10.1007/BFb0094677;); <http://www.springerlink.com/content/978-3-540-48073-0>.

**Meyer:1999:RP**

- [Mey99j] Kenneth R. Meyer. The restricted problem. *Lecture Notes in Mathematics*, 1719:91–103, 1999. CODEN LNMAA2. ISBN 3-540-66630-3 (print), 3-540-48073-0 (e-book). ISSN 0075-8434

(print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094685/>.

**Meyer:1999:SO**

- [Mey99k] Kenneth R. Meyer. Satellite orbits. *Lecture Notes in Mathematics*, 1719:87–90, 1999. CODEN LNMAA2. ISBN 3-540-66630-3 (print), 3-540-48073-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094684/>.

**Meyer:1999:SIR**

- [Mey99l] Kenneth R. Meyer. Symmetries, integrals, and reduction. *Lecture Notes in Mathematics*, 1719:51–70, 1999. CODEN LNMAA2. ISBN 3-540-66630-3 (print), 3-540-48073-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094682/>.

**Meyer:1999:TPS**

- [Mey99m] Kenneth R. Meyer. Theory of periodic solutions. *Lecture Notes in Mathematics*, 1719:71–86, 1999. CODEN LNMAA2. ISBN 3-540-66630-3 (print), 3-540-48073-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094683/>.

**Mather:1994:AMO**

- [MF94a] John N. Mather and Giovanni Forni. Action minimizing orbits in Hamiltonian systems. *Lecture Notes in Mathematics*, 1589: 92–186, 1994. CODEN LNMAA2. ISBN 3-540-58416-1 (print), 3-540-48782-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0074076/>.

**Mather:1994:BM**

- [MF94b] John N. Mather and Giovanni Forni. Back matter. *Lecture Notes in Mathematics*, 1589:??, 1994. CODEN LNMAA2. ISBN 3-540-58416-1 (print), 3-540-48782-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/content/pdf/bbm:978-3-540-48782-1/1.pdf>.

**Miclo:1992:RSS**

- [Mic92] Laurent Miclo. Recuit simulé sans potentiel sur un ensemble fini. (French) []. *Lecture Notes in Mathematics*, 1526:47–60, 1992. CODEN LNMAA2. ISBN 3-540-56021-1 (print), 3-540-47342-4

(e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084309/>.

**Micchelli:1993:URE**

- [Mic93] Charles A. Micchelli. Using the refinement equation for the construction of pre-wavelets IV: Cube splines and elliptic splines united. *Lecture Notes in Mathematics*, 1550:62–70, 1993. CODEN LNMAA2. ISBN 3-540-56931-6 (print), 3-540-47792-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0117474/>.

**Miclo:1997:RHE**

- [Mic97] Laurent Miclo. Remarques sur l’hypercontractivité et l’évolution de l’entropie pour des chaînes de Markov finies. (French) []. *Lecture Notes in Mathematics*, 1655:136–167, 1997. CODEN LNMAA2. ISBN 3-540-62634-4 (print), 3-540-68352-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0119300/>.

**Miclo:1998:TSB**

- [Mic98] Laurent Miclo. Trous spectraux à basse température: un contre-exemple à un comportement asymptotique escompté. (French) []. *Lecture Notes in Mathematics*, 1686:36–55, 1998. CODEN LNMAA2. ISBN 3-540-64376-1 (print), 3-540-69762-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0101749/>.

**Mielke:1991:CSW**

- [Mie91a] Alexander Mielke. Capillarity surface waves. *Lecture Notes in Mathematics*, 1489:103–108, 1991. CODEN LNMAA2. ISBN 3-540-54710-X (print), 3-540-46441-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0097553/>.

**Mielke:1991:EVP**

- [Mie91b] Alexander Mielke. Elliptic variational problems on cylindrical domains. *Lecture Notes in Mathematics*, 1489:95–102, 1991. CODEN LNMAA2. ISBN 3-540-54710-X (print), 3-540-46441-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0097552/>.

**Mielke:1991:HLF**

- [Mie91c] Alexander Mielke. *Hamiltonian and Lagrangian Flows on Center Manifolds: with Applications to Elliptic Variational Problems*, volume 1489 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1991. CODEN LNMAA2. ISBN 3-540-54710-X (print), 3-540-46441-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). x + 140 pp. LCCN QA3 .L28 no. 1489. URL <http://link.springer.com/book/10.1007/BFb0097544>; <http://www.springerlink.com/content/978-3-540-46441-9>.

**Mielke:1991:HFC**

- [Mie91d] Alexander Mielke. Hamiltonian flows on center manifolds. *Lecture Notes in Mathematics*, 1489:27–40, 1991. CODEN LNMAA2. ISBN 3-540-54710-X (print), 3-540-46441-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0097548>.

**Mielke:1991:HSS**

- [Mie91e] Alexander Mielke. Hamiltonian systems with symmetries. *Lecture Notes in Mathematics*, 1489:41–59, 1991. CODEN LNMAA2. ISBN 3-540-54710-X (print), 3-540-46441-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0097549>.

**Mielke:1991:I**

- [Mie91f] Alexander Mielke. Introduction. *Lecture Notes in Mathematics*, 1489:1–6, 1991. CODEN LNMAA2. ISBN 3-540-54710-X (print), 3-540-46441-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0097545>.

**Mielke:1991:LS**

- [Mie91g] Alexander Mielke. Lagrangian systems. *Lecture Notes in Mathematics*, 1489:61–83, 1991. CODEN LNMAA2. ISBN 3-540-54710-X (print), 3-540-46441-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0097550>.

**Mielke:1991:LT**

- [Mie91h] Alexander Mielke. The linear theory. *Lecture Notes in Mathematics*, 1489:17–26, 1991. CODEN LNMAA2. ISBN 3-540-54710-X

(print), 3-540-46441-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0097547/>.

**Mielke:1991:NSb**

- [Mie91i] Alexander Mielke. Necking of strips. *Lecture Notes in Mathematics*, 1489:109–119, 1991. CODEN LNMAA2. ISBN 3-540-54710-X (print), 3-540-46441-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0097554/>.

**Mielke:1991:NSa**

- [Mie91j] Alexander Mielke. Nonautonomous systems. *Lecture Notes in Mathematics*, 1489:85–92, 1991. CODEN LNMAA2. ISBN 3-540-54710-X (print), 3-540-46441-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0097551/>.

**Mielke:1991:NBF**

- [Mie91k] Alexander Mielke. Notations and basic facts on center manifolds. *Lecture Notes in Mathematics*, 1489:9–16, 1991. CODEN LNMAA2. ISBN 3-540-54710-X (print), 3-540-46441-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0097546/>.

**Mielke:1991:SVP**

- [Mie91l] Alexander Mielke. Saint-Venant’s problem. *Lecture Notes in Mathematics*, 1489:121–131, 1991. CODEN LNMAA2. ISBN 3-540-54710-X (print), 3-540-46441-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0097555/>.

**Mignotte:1990:PLS**

- [Mig90] Maurice Mignotte. Polynômes et lemme de Siegel. (French) []. *Lecture Notes in Mathematics*, 1415:160–166, 1990. CODEN LNMAA2. ISBN 3-540-52190-9 (print), 3-540-46919-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084885/>.

**Miller:1990:PHC**

- [Mil90a] Andy Miller. Projecting homeomorphisms from covering spaces. *Lecture Notes in Mathematics*, 1425:114–132, 1990. CODEN LNMAA2. ISBN 3-540-52658-7 (print), 3-540-47091-3 (e-book).

ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083836/>.

**Miller:1990:JKP**

- [Mil90b] Haynes Miller. On Jones's Kahn–Priddy theorem. *Lecture Notes in Mathematics*, 1418:210–218, 1990. CODEN LNMAA2. ISBN 3-540-52246-8 (print), 3-540-46938-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083705/>.

**Milman:1991:SAD**

- [Mil91] V. Milman. Some applications of duality relations. *Lecture Notes in Mathematics*, 1469:13–40, 1991. CODEN LNMAA2. ISBN 3-540-54024-5 (print), 3-540-47355-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0089213/>.

**Milman:1994:ILE**

- [Mil94a] Mario Milman.  $K/J$  inequalities and limiting embedding theorems. *Lecture Notes in Mathematics*, 1580:35–41, 1994. CODEN LNMAA2. ISBN 3-540-58081-6 (print), 3-540-48439-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073501/>.

**Milman:1994:BET**

- [Mil94b] Mario Milman. Background on extrapolation theory. *Lecture Notes in Mathematics*, 1580:7–34, 1994. CODEN LNMAA2. ISBN 3-540-58081-6 (print), 3-540-48439-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073500/>.

**Milman:1994:BEL**

- [Mil94c] Mario Milman. Bilinear extrapolation and a limiting case of a theorem by Cwikel. *Lecture Notes in Mathematics*, 1580:59–73, 1994. CODEN LNMAA2. ISBN 3-540-58081-6 (print), 3-540-48439-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073503/>.

**Milman:1994:CMA**

- [Mil94d] Mario Milman. Calculations with the  $\Delta$  method and applications. *Lecture Notes in Mathematics*, 1580:43–57, 1994. CODEN LNMAA2. ISBN 3-540-58081-6 (print), 3-540-48439-6 (e-book).

ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073502/>.

**Milman:1994:ECR**

- [Mil94e] Mario Milman. Estimates for commutators in real interpolation. *Lecture Notes in Mathematics*, 1580:95–126, 1994. CODEN LNMAA2. ISBN 3-540-58081-6 (print), 3-540-48439-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073505/>.

**Milman:1994:EOD**

- [Mil94f] Mario Milman. *Extrapolation and Optimal Decompositions: with Applications to Analysis*, volume 1580 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1994. CODEN LNMAA2. ISBN 3-540-58081-6 (print), 3-540-48439-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). xii + 162 pp. LCCN QA3 .L28 no. 1580. URL <http://link.springer.com/book/10.1007/BFb0073498>; <http://www.springerlink.com/content/978-3-540-48439-4>.

**Milman:1994:ERA**

- [Mil94g] Mario Milman. Extrapolation, reiteration, and applications. *Lecture Notes in Mathematics*, 1580:75–93, 1994. CODEN LNMAA2. ISBN 3-540-58081-6 (print), 3-540-48439-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073504/>.

**Milman:1994:I**

- [Mil94h] Mario Milman. Introduction. *Lecture Notes in Mathematics*, 1580:1–5, 1994. CODEN LNMAA2. ISBN 3-540-58081-6 (print), 3-540-48439-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073499/>.

**Milman:1994:ODS**

- [Mil94i] Mario Milman. Optimal decompositions, scales, and Nash–Moser iteration. *Lecture Notes in Mathematics*, 1580:139–147, 1994. CODEN LNMAA2. ISBN 3-540-58081-6 (print), 3-540-48439-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073508/>.

**Milman:1994:SIT**

- [Mil94j] Mario Milman. Sobolev imbedding theorems and extrapolation of infinitely many operators. *Lecture Notes in Mathematics*, 1580: 127–130, 1994. CODEN LNMAA2. ISBN 3-540-58081-6 (print), 3-540-48439-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073506/>.

**Milman:1994:SRE**

- [Mil94k] Mario Milman. Some remarks on extrapolation spaces and abstract parabolic equations. *Lecture Notes in Mathematics*, 1580: 131–137, 1994. CODEN LNMAA2. ISBN 3-540-58081-6 (print), 3-540-48439-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073507/>.

**Mimura:1990:HTR**

- [Mim90] Mamoru Mimura, editor. *Homotopy Theory and Related Topics: Proceedings of the International Conference held at Kinoshaki, Japan, August 19–24, 1988*, volume 1418 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1990. CODEN LNMAA2. ISBN 3-540-52246-8 (print), 3-540-46938-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1418. URL <http://link.springer.com/book/10.1007/BFb0083687>; <http://www.springerlink.com/content/978-3-540-46938-4>.

**Minda:1990:BMC**

- [Min90] David Minda. The Bloch and Marden constants. *Lecture Notes in Mathematics*, 1435:131–142, 1990. CODEN LNMAA2. ISBN 3-540-52768-0 (print), 3-540-47139-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0087903/>.

**Mishchenko:1992:SSN**

- [Mis92] A. S. Mishchenko. Stationary solutions of nonlinear stochastic equations. *Lecture Notes in Mathematics*, 1520:217–236, 1992. CODEN LNMAA2. ISBN 3-540-55583-8 (print), 3-540-47223-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084723/>.

**Mischaikow:1995:CIT**

- [Mis95] Konstantin Mischaikow. Conley index theory. *Lecture Notes in Mathematics*, 1609:119–207, 1995. CODEN LNMAA2. ISBN 3-540-60047-7 (print), 3-540-49415-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0095240/>.

**Mitrea:1994:BCA**

- [Mit94a] Marius Mitrea. The  $L^2$  boundedness of Clifford algebra valued singular integral operators. *Lecture Notes in Mathematics*, 1575: 42–59, 1994. CODEN LNMAA2. ISBN 3-540-57884-6 (print), 3-540-48379-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073559/>.

**Mitrea:1994:ATH**

- [Mit94b] Marius Mitrea. Applications to the theory of harmonic functions. *Lecture Notes in Mathematics*, 1575:87–105, 1994. CODEN LNMAA2. ISBN 3-540-57884-6 (print), 3-540-48379-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073561/>.

**Mitrea:1994:CA**

- [Mit94c] Marius Mitrea. Clifford algebras. *Lecture Notes in Mathematics*, 1575:1–15, 1994. CODEN LNMAA2. ISBN 3-540-57884-6 (print), 3-540-48379-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073557/>.

**Mitrea:1994:CWS**

- [Mit94d] Marius Mitrea. *Clifford Wavelets, Singular Integrals, and Hardy Spaces*, volume 1575 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1994. CODEN LNMAA2. ISBN 3-540-57884-6 (print), 3-540-48379-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). xii + 116 pp. LCCN QA3 .L28 no. 1575. URL <http://link.springer.com/book/10.1007/BFb0073556>; <http://www.springerlink.com/content/978-3-540-48379-3>.

**Mitrea:1994:CCW**

- [Mit94e] Marius Mitrea. Constructions of Clifford wavelets. *Lecture Notes in Mathematics*, 1575:16–41, 1994. CODEN LNMAA2. ISBN

3-540-57884-6 (print), 3-540-48379-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073558/>.

**Mitrea:1994:HSM**

- [Mit94f] Marius Mitrea. Hardy spaces of monogenic functions. *Lecture Notes in Mathematics*, 1575:60–86, 1994. CODEN LNMAA2. ISBN 3-540-57884-6 (print), 3-540-48379-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073560/>.

**Mizera:1992:GPO**

- [Miz92] Ivan Mizera. Generic properties of one-dimensional dynamical systems. *Lecture Notes in Mathematics*, 1514:163–173, 1992. CODEN LNMAA2. ISBN 3-540-55444-0 (print), 3-540-47076-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0097537/>.

**Mejia:1990:HGS**

- [MM90] Diego Mejía and David Minda. Hyperbolic geometry in spherically  $k$ -convex regions. *Lecture Notes in Mathematics*, 1435:117–129, 1990. CODEN LNMAA2. ISBN 3-540-52768-0 (print), 3-540-47139-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0087902/>.

**Martinez:1991:CAS**

- [MM91a] A. Martínez and F. Milán. Convex affine surfaces with constant affine mean curvature. *Lecture Notes in Mathematics*, 1481:138–144, 1991. CODEN LNMAA2. ISBN 3-540-54728-2 (print), 3-540-46445-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083637/>.

**Mond:1991:STA**

- [MM91b] David Mond and James Montaldi, editors. *Singularity Theory and its Applications: Warwick 1989, Part I: Geometric Aspects of Singularities*, volume 1462 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1991. CODEN LNMAA2. ISBN 3-540-53737-6 (print), 3-540-47060-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1462. URL <http://link.springer.com/book/10.1007/BFb0086370>; <http://www.springerlink.com/content/978-3-540-47060-1>.

**Majer:1997:CEC**

- [MM97] Pietro Majer and Maria Elvira Mancino. A counter-example concerning a condition of Ogawa integrability. *Lecture Notes in Mathematics*, 1655:198–206, 1997. CODEN LNMAA2. ISBN 3-540-62634-4 (print), 3-540-68352-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0119304/>.

**Muller:1990:LPP**

- [MN90] Wolfgang Müller and Werner Georg Nowak. Lattice points in planar domains: Applications of Huxley’s ‘discrete Hardy–Littlewood method’. *Lecture Notes in Mathematics*, 1452:139–164, 1990. CODEN LNMAA2. ISBN 3-540-53408-3 (print), 3-540-46864-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096987/>.

**Miyano:1991:MSH**

- [MN91] Toshiki Miyano and Junjiro Noguchi. Moduli spaces of harmonic and holomorphic mappings and Diophantine geometry. *Lecture Notes in Mathematics*, 1468:227–253, 1991. CODEN LNMAA2. ISBN 3-540-54053-9 (print), 3-540-47370-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086196/>.

**Mebkhout:1990:CRG**

- [MNM90] Z. Mebkhout and L. Narvaez-Macarro. Sur les coefficients de de Rham–Grothendieck des variétés algébriques. (French) [ ]. *Lecture Notes in Mathematics*, 1454:267–308, 1990. CODEN LNMAA2. ISBN 3-540-53477-6 (print), 3-540-46906-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0091144/>.

**Mikusinski:1990:SHI**

- [MO90] Piotr Mikusiński and Krzysztof Ostaszewski. The space of Henstock integrable functions II. *Lecture Notes in Mathematics*, 1419: 136–149, 1990. CODEN LNMAA2. ISBN 3-540-52322-7 (print), 3-540-46955-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083105/>.

**Morgan:1993:BF**

- [MO93a] John W. Morgan and Kieran G. O'Grady. The blow-up formula. *Lecture Notes in Mathematics*, 1545:112–166, 1993. CODEN LNMAA2. ISBN 3-540-56674-0 (print), 3-540-47628-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086771/>.

**Morgan:1993:CMS**

- [MO93b] John W. Morgan and Kieran G. O'Grady. Certain moduli spaces for bundles on elliptic surfaces with  $p_g = 1$ . *Lecture Notes in Mathematics*, 1545:57–98, 1993. CODEN LNMAA2. ISBN 3-540-56674-0 (print), 3-540-47628-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086769/>.

**Morgan:1993:DTC**

- [MO93c] John W. Morgan and Kieran G. O'Grady. *Differential Topology of Complex Surfaces: Elliptic Surfaces with  $p_g = 1$ : Smooth Classification*, volume 1545 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1993. CODEN LNMAA2. ISBN 3-540-56674-0 (print), 3-540-47628-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). viii + 224 pp. LCCN QA3 .L28 no. 1545. URL <http://link.springer.com/book/10.1007/BFb0086765>; <http://www.springerlink.com/content/978-3-540-47628-3>.

**Morgan:1993:Ib**

- [MO93d] John W. Morgan and Kieran G. O'Grady. Identification of  $\delta_{3,r}(S, H)$  with  $\gamma_3(S)$ . *Lecture Notes in Mathematics*, 1545:33–56, 1993. CODEN LNMAA2. ISBN 3-540-56674-0 (print), 3-540-47628-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086768/>.

**Morgan:1993:Ia**

- [MO93e] John W. Morgan and Kieran G. O'Grady. Introduction. *Lecture Notes in Mathematics*, 1545:1–11, 1993. CODEN LNMAA2. ISBN 3-540-56674-0 (print), 3-540-47628-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086766/>.

**Morgan:1993:PT**

- [MO93f] John W. Morgan and Kieran G. O’Grady. The proof of theorem 1.1.1. *Lecture Notes in Mathematics*, 1545:167–210, 1993. CODEN LNMAA2. ISBN 3-540-56674-0 (print), 3-540-47628-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086772/>.

**Morgan:1993:RCI**

- [MO93g] John W. Morgan and Kieran G. O’Grady. Representatives for classes in the image of the  $\nu$ -map. *Lecture Notes in Mathematics*, 1545:99–111, 1993. CODEN LNMAA2. ISBN 3-540-56674-0 (print), 3-540-47628-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086770/>.

**Morgan:1993:UPA**

- [MO93h] John W. Morgan and Kieran G. O’Grady. Unstable polynomials of algebraic surfaces. *Lecture Notes in Mathematics*, 1545: 12–32, 1993. CODEN LNMAA2. ISBN 3-540-56674-0 (print), 3-540-47628-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086767/>.

**Moerdijk:1995:BTT**

- [Moe95a] Izak Moerdijk. Background in topos theory. *Lecture Notes in Mathematics*, 1616:5–19, 1995. CODEN LNMAA2. ISBN 3-540-60319-0 (print), 3-540-44912-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094443/>.

**Moerdijk:1995:CSCa**

- [Moe95b] Izak Moerdijk. Classifying spaces and classifying topoi. *Lecture Notes in Mathematics*, 1616:95, 1995. CODEN LNMAA2. ISBN 3-540-60319-0 (print), 3-540-44912-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094447>.

**Moerdijk:1995:CSCb**

- [Moe95c] Izak Moerdijk. *Classifying Spaces and Classifying Topoi*, volume 1616 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc.,

1995. CODEN LNMAA2. ISBN 3-540-60319-0 (print), 3-540-44912-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). vi + 94 pp. LCCN QA3 .L28 no. 1616. URL <http://link.springer.com/book/10.1007/BFb0094441>; <http://www.springerlink.com/content/978-3-540-44912-6>.

**Moerdijk:1995:CTa**

- [Moe95d] Izak Moerdijk. Classifying topoi. *Lecture Notes in Mathematics*, 1616:21–55, 1995. CODEN LNMAA2. ISBN 3-540-60319-0 (print), 3-540-44912-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094444>.

**Moerdijk:1995:CTb**

- [Moe95e] Izak Moerdijk. Comparison theorems. *Lecture Notes in Mathematics*, 1616:77–88, 1995. CODEN LNMAA2. ISBN 3-540-60319-0 (print), 3-540-44912-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094446>.

**Moerdijk:1995:GR**

- [Moe95f] Izak Moerdijk. Geometric realization. *Lecture Notes in Mathematics*, 1616:57–76, 1995. CODEN LNMAA2. ISBN 3-540-60319-0 (print), 3-540-44912-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094445>.

**Moerdijk:1995:I**

- [Moe95g] Izak Moerdijk. Introduction. *Lecture Notes in Mathematics*, 1616:1–4, 1995. CODEN LNMAA2. ISBN 3-540-60319-0 (print), 3-540-44912-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094442>.

**Mogilevskii:1992:ESB**

- [Mog92] Il'ia Mogilevskii. Estimates in  $C^{2l,l}$  for solution of a boundary value problem for the nonstationary Stokes system with a surface tension in boundary condition. *Lecture Notes in Mathematics*, 1530:284–290, 1992. CODEN LNMAA2. ISBN 3-540-56261-3 (print), 3-540-47498-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0090348>.

**Møller:1990:ESH**

- [Møl90] Jesper Michael Møller. Equivariant self-homotopy equivalences of 2-stage  $G$ -spaces. *Lecture Notes in Mathematics*, 1425:133–146, 1990. CODEN LNMAA2. ISBN 3-540-52658-7 (print), 3-540-47091-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083837/>.

**Molchanov:1993:RVM**

- [Mol93a] I. S. Molchanov. On regularly varying multivalued functions. *Lecture Notes in Mathematics*, 1546:121–129, 1993. CODEN LNMAA2. ISBN 3-540-56744-5 (print), 3-540-47645-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084487/>.

**Molchanov:1993:ASC**

- [Mol93b] Ilya S. Molchanov. Almost sure convergence of unions of random closed sets. *Lecture Notes in Mathematics*, 1561:67–84, 1993. CODEN LNMAA2. ISBN 3-540-57393-3 (print), 3-540-48111-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073532/>.

**Molchanov:1993:ALT**

- [Mol93c] Ilya S. Molchanov. Applications of limit theorems. *Lecture Notes in Mathematics*, 1561:123–145, 1993. CODEN LNMAA2. ISBN 3-540-57393-3 (print), 3-540-48111-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073535/>.

**Molchanov:1993:DRC**

- [Mol93d] Ilya S. Molchanov. Distributions of random closed sets. *Lecture Notes in Mathematics*, 1561:1–14, 1993. CODEN LNMAA2. ISBN 3-540-57393-3 (print), 3-540-48111-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073528/>.

**Molchanov:1993:IDS**

- [Mol93e] Ilya S. Molchanov. Infinite divisibility and stability of random sets with respect to unions. *Lecture Notes in Mathematics*, 1561:29–44, 1993. CODEN LNMAA2. ISBN 3-540-57393-3 (print), 3-540-48111-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073530/>.

**Molchanov:1993:LTN**

- [Mol93f] Ilya S. Molchanov. Limit theorems for normalized unions of random closed sets. *Lecture Notes in Mathematics*, 1561:45–65, 1993. CODEN LNMAA2. ISBN 3-540-57393-3 (print), 3-540-48111-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073531/>.

**Molchanov:1993:LTU**

- [Mol93g] Ilya S. Molchanov. *Limit Theorems for Unions of Random Closed Sets*, volume 1561 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1993. CODEN LNMAA2. ISBN 3-540-57393-3, 3-540-57393-3 (print), 3-540-48111-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). x + 157 pp. LCCN QA3 .L28 no. 1561; QA3 .L28 no. 1561 QA273.5. URL <http://link.springer.com/book/10.1007/BFb0073527>; <http://www.springerlink.com/content/978-3-540-48111-9>.

**Molchanov:1993:MRV**

- [Mol93h] Ilya S. Molchanov. Multivalued regularly varying functions and their applications to limit theorems for unions of random sets. *Lecture Notes in Mathematics*, 1561:85–99, 1993. CODEN LNMAA2. ISBN 3-540-57393-3 (print), 3-540-48111-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/BFb0073533/](http://link.springer.com/chapter/10.1007/BFb0073533).

**Molchanov:1993:PMS**

- [Mol93i] Ilya S. Molchanov. Probability metrics in the space of random sets distributions. *Lecture Notes in Mathematics*, 1561:101–121, 1993. CODEN LNMAA2. ISBN 3-540-57393-3 (print), 3-540-48111-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/BFb0073534/](http://link.springer.com/chapter/10.1007/BFb0073534).

**Molchanov:1993:SSR**

- [Mol93j] Ilya S. Molchanov. Survey on stability of random sets and limit theorems for Minkowski addition. *Lecture Notes in Mathematics*, 1561:15–27, 1993. CODEN LNMAA2. ISBN 3-540-57393-3 (print), 3-540-48111-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/BFb0073529/](http://link.springer.com/chapter/10.1007/BFb0073529).

**Molchanov:1994:LRM**

- [Mol94] S. Molchanov. Lectures on random media. *Lecture Notes in Mathematics*, 1581:242–411, 1994. CODEN LNMAA2. ISBN 3-540-58208-8 (print), 3-540-48568-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073874/>.

**Mond:1991:VCA**

- [Mon91a] David Mond. Vanishing cycles for analytic maps. *Lecture Notes in Mathematics*, 1462:221–234, 1991. CODEN LNMAA2. ISBN 3-540-53737-6 (print), 3-540-47060-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086385/>.

**Montaldi:1991:CTR**

- [Mon91b] James Montaldi. Caustics in time reversible Hamiltonian systems. *Lecture Notes in Mathematics*, 1463:266–277, 1991. CODEN LNMAA2. ISBN 3-540-53736-8 (print), 3-540-47047-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085435/>.

**Monat:1994:RIB**

- [Mon94] P. Monat. Remarques sur les inégalités de Burkholder–Davis–Gundy. (French) []. *Lecture Notes in Mathematics*, 1583:92–97, 1994. CODEN LNMAA2. ISBN 3-540-58331-9 (print), 3-540-48656-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073835/>.

**Moore:1996:GAS**

- [Moo96a] John D. Moore. Global analysis of the Seiberg–Witten equations. *Lecture Notes in Mathematics*, 1629:65–100, 1996. CODEN LNMAA2. ISBN 3-540-61455-9 (print), 3-540-68592-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092951/>.

**Moore:1996:LSW**

- [Moo96b] John D. Moore. *Lectures on Seiberg–Witten Invariants*, volume 1629 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1996. CODEN LNMAA2. ISBN 3-540-61455-9 (print), 3-540-68592-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic).

tronic). viii + 105 pp. LCCN QA3 .L28 no. 1629. URL <http://link.springer.com/book/10.1007/BFb0092948>; <http://www.springerlink.com/content/978-3-540-68592-0>.

**Moore:1996:P**

- [Moo96c] John D. Moore. Preliminaries. *Lecture Notes in Mathematics*, 1629:1–38, 1996. CODEN LNMAA2. ISBN 3-540-61455-9 (print), 3-540-68592-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092949/>.

**Moore:1996:SGF**

- [Moo96d] John D. Moore. Spin geometry on four-manifolds. *Lecture Notes in Mathematics*, 1629:39–64, 1996. CODEN LNMAA2. ISBN 3-540-61455-9 (print), 3-540-68592-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092950/>.

**Morava:1990:CCR**

- [Mor90a] Jack Morava. On the complex Cobordism ring as a Fock representation. *Lecture Notes in Mathematics*, 1418:184–204, 1990. CODEN LNMAA2. ISBN 3-540-52246-8 (print), 3-540-46938-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083703/>.

**Moreno:1990:PSC**

- [Mor90b] Carlos Moreno. Produits star sur certains  $G/K$  Kähleriens. Équation de Yang–Baxter et produits star sur  $G$ . (French) []. *Lecture Notes in Mathematics*, 1416:210–234, 1990. CODEN LNMAA2. ISBN 3-540-52191-7 (print), 3-540-46920-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0097473/>.

**Morita:1990:VCR**

- [Mor90c] Yasuo Morita. On vanishing of cohomologies of rigid analytic spaces. *Lecture Notes in Mathematics*, 1454:314–318, 1990. CODEN LNMAA2. ISBN 3-540-53477-6 (print), 3-540-46906-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0091146/>.

**Moroz:1991:SCD**

- [Mor91] Irene M. Moroz. Some complex differential equations arising in telecommunications. *Lecture Notes in Mathematics*, 1463:278–

293, 1991. CODEN LNMAA2. ISBN 3-540-53736-8 (print), 3-540-47047-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085436/>.

Morimoto:1993:ABW

- [Mor93a] Hiroko Morimoto. Asymptotic behavior of weak solutions of the convection equation. *Lecture Notes in Mathematics*, 1540:269–276, 1993. CODEN LNMAA2. ISBN 3-540-56471-3 (print), 3-540-47565-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085485/>.

Morozov:1993:CTQ

- [Mor93b] E. V. Morozov. A comparison theorem for queueing system with non-identical channels. *Lecture Notes in Mathematics*, 1546:130–133, 1993. CODEN LNMAA2. ISBN 3-540-56744-5 (print), 3-540-47645-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084488/>.

Min-Oo:1991:TCT

- [MORT91] Maung Min-Oo, Ernst A. Ruh, and Philippe Tondeur. Transversal curvature and tautness for Riemannian foliations. *Lecture Notes in Mathematics*, 1481:145–146, 1991. CODEN LNMAA2. ISBN 3-540-54728-2 (print), 3-540-46445-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083638>.

Motreanu:1991:GEM

- [Mot91] D. Motreanu. Generic existence of Morse functions on infinite dimensional Riemannian manifolds and applications. *Lecture Notes in Mathematics*, 1481:175–184, 1991. CODEN LNMAA2. ISBN 3-540-54728-2 (print), 3-540-46445-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083640/>.

Mourtada:1990:CFP

- [Mou90] A. Mourtada. Cyclité finie des polycycles hyperboliques de champs de vecteurs du plan mise sous forme normale. (French) [J]. *Lecture Notes in Mathematics*, 1455:272–314, 1990. CODEN LNMAA2. ISBN 3-540-53509-8 (print), 3-540-46722-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085397/>.

**Mountford:1992:CFP**

- [Mou92a] T. S. Mountford. A critical function for the planar Brownian convex hull. *Lecture Notes in Mathematics*, 1526:107–112, 1992. CODEN LNMAA2. ISBN 3-540-56021-1 (print), 3-540-47342-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084314/>.

**Mountford:1992:QEU**

- [Mou92b] T. S. Mountford. Quasi-everywhere upper functions. *Lecture Notes in Mathematics*, 1526:95–106, 1992. CODEN LNMAA2. ISBN 3-540-56021-1 (print), 3-540-47342-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084313/>.

**Mosca:1991:CTL**

- [MP91] Edoardo Mosca and Luciano Pandolfi, editors.  *$H_\infty$ -Control Theory: Lectures given at the 2nd Session of the Centro Internazionale Matematico Estivo (C.I.M.E.) held in Como, Italy, June 18–26, 1990*, volume 1496 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1991. CODEN LNMAA2. ISBN 3-540-54949-8 (print), 3-540-46604-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1496. URL <http://link.springer.com/book/10.1007/BFb0084465>; <http://www.springerlink.com/content/978-3-540-46604-8>.

**Marden:1990:TFP**

- [MR90] Al Marden and Burt Rodin. On Thurston’s formulation and proof of Andreev’s theorem. *Lecture Notes in Mathematics*, 1435:103–115, 1990. CODEN LNMAA2. ISBN 3-540-52768-0 (print), 3-540-47139-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0087901/>.

**Meyer:1991:CAR**

- [MR91a] M. Meyer and S. Reisner. Characterization of affinely-rotation-invariant log-concave measures by section-centroid location. *Lecture Notes in Mathematics*, 1469:145–152, 1991. CODEN LNMAA2. ISBN 3-540-54024-5 (print), 3-540-47355-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0089221/>.

**Montiel:1991:SOA**

- [MR91b] Sebastián Montiel and Antonio Ros. Schrödinger operators associated to a holomorphic map. *Lecture Notes in Mathematics*, 1481:147–174, 1991. CODEN LNMAA2. ISBN 3-540-54728-2 (print), 3-540-46445-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083639/>.

**Marcus:1994:ERC**

- [MR94] Michael B. Marcus and Jay Rosen. Exact rates of convergence to the local times of symmetric Lévy processes. *Lecture Notes in Mathematics*, 1583:102–109, 1994. CODEN LNMAA2. ISBN 3-540-58331-9 (print), 3-540-48656-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073837/>.

**Mikulevicius:1998:NSI**

- [MR98] R. Mikulevicius and B. L. Rozovskii. Normalized stochastic integrals in topological vector spaces. *Lecture Notes in Mathematics*, 1686:137–165, 1998. CODEN LNMAA2. ISBN 3-540-64376-1 (print), 3-540-69762-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0101756/>.

**Maass:1990:RBC**

- [MS90a] Wolfgang Maass and Theodore A. Slaman. On the relationship between the complexity, the degree, and the extension of a computable set. *Lecture Notes in Mathematics*, 1432:297–322, 1990. CODEN LNMAA2. ISBN 3-540-52772-9 (print), 3-540-47142-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086124/>.

**Martinez:1990:BCB**

- [MS90b] Regina Martínez and Carles Simó. Blow up of collapsing binaries in the planar three body problem. *Lecture Notes in Mathematics*, 1416:255–267, 1990. CODEN LNMAA2. ISBN 3-540-52191-7 (print), 3-540-46920-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0097476/>.

**Muller:1990:UMS**

- [MS90c] Bruno J. Müller and Surjeet Singh. Uniform modules over serial rings II. *Lecture Notes in Mathematics*, 1448:25–32, 1990.

CODEN LNMAA2. ISBN 3-540-53164-5 (print), 3-540-46745-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0091248/>.

Memin:1991:CUS

- [MS91a] Jean Mémin and Leszek Ślominski. Condition UT et stabilité en loi des solutions d'équations différentielles stochastiques. (French) []. *Lecture Notes in Mathematics*, 1485:162–177, 1991. CODEN LNMAA2. ISBN 3-540-54616-2 (print), 3-540-38496-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0100855/>.

Sun:1991:HNL

- [mS91b] Li min Sun. Hermitian nilpotent Lie groups: Harmonic analysis as spectral theory of Laplacians. *Lecture Notes in Mathematics*, 1494:182–184, 1991. CODEN LNMAA2. ISBN 3-540-54901-3 (print), 3-540-46474-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0087770/>.

Monat:1994:FF

- [MS94a] P. Monat and C. Stricker. Fermeture de  $G_T(\Theta)$  et de  $L^2(\mathcal{F}) + \mathcal{G}_T(\times)$ . (French) []. *Lecture Notes in Mathematics*, 1583:189–194, 1994. CODEN LNMAA2. ISBN 3-540-58331-9 (print), 3-540-48656-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073847/>.

Muller-Stach:1994:RHP

- [MS94b] Stefan Müller-Stach. A remark on height pairings. *Lecture Notes in Mathematics*, 1594:253–259, 1994. CODEN LNMAA2. ISBN 3-540-58692-X (print), 3-540-49046-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-540-49046-3\\_6/](http://link.springer.com/chapter/10.1007/978-3-540-49046-3_6/).

Millet:1994:SPS

- [MSS94] Annie Millet and Marta Sanz-Solé. A simple proof of the support theorem for diffusion processes. *Lecture Notes in Mathematics*, 1583:36–48, 1994. CODEN LNMAA2. ISBN 3-540-58331-9 (print), 3-540-48656-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073832/>.

**Marino:1990:SVP**

- [MT90] A. Marino and M. Tosques. Some variational problems with lack of convexity and some partial differential inequalities. *Lecture Notes in Mathematics*, 1446:58–83, 1990. CODEN LNMAA2. ISBN 3-540-53120-3 (print), 3-540-46715-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084931/>.

**McIntosh:1991:CSI**

- [MT91a] Alan McIntosh and Qian Tao. Convolution singular integral operators on Lipschitz curves. *Lecture Notes in Mathematics*, 1494: 142–162, 1991. CODEN LNMAA2. ISBN 3-540-54901-3 (print), 3-540-46474-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0087766/>.

**Moishezon:1991:BGT**

- [MT91b] Boris Moishezon and Mina Teicher. Braid group technique  $m$  complex geometry, II: From arrangements of lines and conics to cuspidal curves. *Lecture Notes in Mathematics*, 1479:131–180, 1991. CODEN LNMAA2. ISBN 3-540-54456-9 (print), 3-540-38388-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086269/>.

**Morayne:1999:SPD**

- [MT99] Michał Morayne and Krzysztof Tabisz. A short proof of decomposition of strongly reduced martingales. *Lecture Notes in Mathematics*, 1709:339–341, 1999. CODEN LNMAA2. ISBN 3-540-66342-8 (print), 3-540-48407-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096523/>.

**Mukai:1990:PTC**

- [Muk90] Juno Mukai. A proof of the theorem characterizing the generalized  $J$ -homomorphism. *Lecture Notes in Mathematics*, 1418: 95–104, 1990. CODEN LNMAA2. ISBN 3-540-52246-8 (print), 3-540-46938-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083696/>.

**Mukhometov:1991:PIG**

- [Muk91] R. G. Mukhometov. A problem of integral geometry for a family of rays with multiple reflections. *Lecture Notes in Mathematics*,

*ics*, 1497:46–52, 1991. CODEN LNMAA2. ISBN 3-540-54970-6 (print), 3-540-46615-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084506/>.

**Muldowney:1990:IDG**

- [Mul90a] P. Muldowney. Infinite-dimensional generalised Riemann integrals. *Lecture Notes in Mathematics*, 1419:131–135, 1990. CODEN LNMAA2. ISBN 3-540-52322-7 (print), 3-540-46955-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083104/>.

**Muldowney:1990:ARH**

- [Mul90b] Pat Muldowney. About Ralph Henstock. *Lecture Notes in Mathematics*, 1419:1–6, 1990. CODEN LNMAA2. ISBN 3-540-52322-7 (print), 3-540-46955-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083093/>.

**Muller:1990:SLP**

- [Mul90c] Marie-Paule Muller. Une sphère Lagrangienne plongée dans une structure symplectique complète sur  $\mathbf{R}^6$ . (French) []. *Lecture Notes in Mathematics*, 1416:235–241, 1990. CODEN LNMAA2. ISBN 3-540-52191-7 (print), 3-540-46920-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0097474/>.

**Muller:1991:PHS**

- [Mül91] Paul F. X. Müller. Permutations of the Haar system. *Lecture Notes in Mathematics*, 1469:125–126, 1991. CODEN LNMAA2. ISBN 3-540-54024-5 (print), 3-540-47355-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0089218>.

**Muller:1999:VMM**

- [Mül99] Stefan Müller. Variational models for microstructure and phase transitions. *Lecture Notes in Mathematics*, 1713:85–210, 1999. CODEN LNMAA2. ISBN 3-540-65977-3 (print), 3-540-48813-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092670/>.

**Mumford:1999:RBV**

- [Mum99a] David Mumford. *The Red Book of Varieties and Schemes*, volume 1358 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., second expanded edition, 1999. CODEN LNMAA2. ISBN 3-540-63293-X (print), 3-540-46021-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). x + 306 pp. LCCN QA3 .L28 no. 1358. URL <http://link.springer.com/book/10.1007/b62130>; <http://www.springerlink.com/content/978-3-540-46021-3>. Includes Michigan Lectures (1974) on Curves and their Jacobians.

**Mumford:1999:ACT**

- [Mum99b] David B. Mumford. Appendix: Curves and their Jacobians. *Lecture Notes in Mathematics*, 1358:225–291, 1999. CODEN LNMAA2. ISBN 3-540-63293-X (print), 3-540-46021-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-540-46021-3\\_4](http://link.springer.com/chapter/10.1007/978-3-540-46021-3_4).

**Mumford:1999:GLR**

- [Mum99c] David B. Mumford. Guide to the literature and references: Curves and their Jacobians. *Lecture Notes in Mathematics*, 1358:294–300, 1999. CODEN LNMAA2. ISBN 3-540-63293-X (print), 3-540-46021-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-540-46021-3\\_6](http://link.springer.com/chapter/10.1007/978-3-540-46021-3_6).

**Mumford:1999:V**

- [Mum99d] David B. Mumford. I. Varieties. *Lecture Notes in Mathematics*, 1358:1–63, 1999. CODEN LNMAA2. ISBN 3-540-63293-X (print), 3-540-46021-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-540-46021-3\\_1](http://link.springer.com/chapter/10.1007/978-3-540-46021-3_1).

**Mumford:1999:IP**

- [Mum99e] David B. Mumford. II. Preschemes. *Lecture Notes in Mathematics*, 1358:65–136, 1999. CODEN LNMAA2. ISBN 3-540-63293-X (print), 3-540-46021-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-540-46021-3\\_2](http://link.springer.com/chapter/10.1007/978-3-540-46021-3_2).

**Mumford:1999:ILP**

- [Mum99f] David B. Mumford. III. Local properties of schemes. *Lecture Notes in Mathematics*, 1358:137–223, 1999. CODEN LNMAA2. ISBN 3-540-63293-X (print), 3-540-46021-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-540-46021-3\\_3/](http://link.springer.com/chapter/10.1007/978-3-540-46021-3_3/).

**Mumford:1999:RRB**

- [Mum99g] David B. Mumford. References: The red book of varieties and schemes. *Lecture Notes in Mathematics*, 1358:293, 1999. CODEN LNMAA2. ISBN 3-540-63293-X (print), 3-540-46021-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-540-46021-3\\_5](http://link.springer.com/chapter/10.1007/978-3-540-46021-3_5).

**Murasugi:1991:IGT**

- [Mur91] Kunio Murasugi. Invariants of graphs and their applications to knot theory. *Lecture Notes in Mathematics*, 1474:83–97, 1991. CODEN LNMAA2. ISBN 3-540-54098-9 (print), 3-540-47403-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084739/>.

**Murata:1993:URP**

- [Mur93] Minoru Murata. Uniform restricted parabolic Harnack inequality, separation principle, and ultracontractivity for parabolic equations. *Lecture Notes in Mathematics*, 1540:277–288, 1993. CODEN LNMAA2. ISBN 3-540-56471-3 (print), 3-540-47565-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085486/>.

**Murre:1994:ACA**

- [Mur94] Jacob P. Murre. Algebraic cycles and algebraic aspects of cohomology and  $K$ -theory. *Lecture Notes in Mathematics*, 1594:93–152, 1994. CODEN LNMAA2. ISBN 3-540-58692-X (print), 3-540-49046-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-540-49046-3\\_2/](http://link.springer.com/chapter/10.1007/978-3-540-49046-3_2/).

**Musin:1992:SPC**

- [Mus92] O. R. Musin. On some problems of computational geometry and topology. *Lecture Notes in Mathematics*, 1520:57–80, 1992. CODEN LNMAA2. ISBN 3-540-55583-8 (print), 3-540-47223-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084715/>.

**Mayer-Wolf:1992:LDM**

- [MWNPA92] Eduardo Mayer-Wolf, David Nualart, and Víctor Pérez-Abreu. Large deviations for multiple Wiener–Itô integral processes. *Lecture Notes in Mathematics*, 1526:11–31, 1992. CODEN LNMAA2. ISBN 3-540-56021-1 (print), 3-540-47342-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084307/>.

**Meyer:1991:FCD**

- [MY91] P.-A. Meyer and J. A. Yan. Les “fonctions caractéristiques” des distributions sur l’espace de wiener. (French) []. *Lecture Notes in Mathematics*, 1485:61–78, 1991. CODEN LNMAA2. ISBN 3-540-54616-2 (print), 3-540-38496-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0100847/>.

**Ma:1999:FBS**

- [MY99] Jin Ma and Jiongmin Yong. *Forward-backward stochastic differential equations and their applications*, volume 1702 of *Lecture notes in mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1999. CODEN LNMAA2. ISBN 3-540-65960-9. ISSN 0075-8434 (print), 1617-9692 (electronic). xiii + 270 pp. LCCN QA3 .L28 no. 1702; QA3 .L28 no. 1702 QA274.23. URL <http://www.loc.gov/catdir/enhancements/fy0815/99023640-d.html>; <http://www.loc.gov/catdir/enhancements/fy0815/99023640-t.html>.

**Ma:2007:FBS**

- [MY07] Jin Ma and Jiongmin Yong. *Forward-backward stochastic differential equations and their applications*, volume 1702 of *Lecture notes in mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., corrected 3rd printing edition, 2007. CODEN LNMAA2. ISBN 3-540-65960-9 (paperback). ISSN 0075-8434 (print), 1617-9692 (electronic). xiii + 270 pp. LCCN QA3 .L28 no. 1702; QA274.23 .M3 2007 aa07 2007-12-11. URL <http://www.loc.gov/catdir/toc/fy0802/2007923869.html>.

**Muller:1990:OLF**

- [MZ90] Bruno J. Müller and Ying-Lan Zhang. Ore localization in the first Weyl algebra. *Lecture Notes in Mathematics*, 1448:148–154, 1990. CODEN LNMAA2. ISBN 3-540-53164-5 (print), 3-540-46745-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0091259/>.

**Nabutovsky:1990:INR**

- [Nab90] Alexander Nabutovsky. Isotopies and non-recursive functions in real algebraic geometry. *Lecture Notes in Mathematics*, 1420:194–205, 1990. CODEN LNMAA2. ISBN 3-540-52313-8 (print), 3-540-46952-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083921/>.

**Nagata:1990:SBE**

- [Nag90a] Wayne Nagata. Symmetry-breaking effects of distant sidewalls in Rayleigh–Bénard convection. *Lecture Notes in Mathematics*, 1431:109–116, 1990. CODEN LNMAA2. ISBN 3-540-52770-2 (print), 3-540-47141-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086061/>.

**Nagel:1990:SPS**

- [Nag90b] Rainer Nagel. On the stability of positive semigroups generated by operator matrices. *Lecture Notes in Mathematics*, 1422:77–83, 1990. CODEN LNMAA2. ISBN 3-540-52434-7 (print), 3-540-46988-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0089406/>.

**Nagasawa:1993:PSI**

- [Nag93] Masao Nagasawa. Principle of superposition and interference of diffusion processes. *Lecture Notes in Mathematics*, 1557:1–14, 1993. CODEN LNMAA2. ISBN 3-540-57282-1 (print), 3-540-48034-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0087957/>.

**Narasimhan:1990:LPA**

- [Nar90] Raghavan Narasimhan. The Levi problem on algebraic manifolds. *Lecture Notes in Mathematics*, 1422:85–91, 1990. CODEN LNMAA2. ISBN 3-540-52434-7 (print), 3-540-46988-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0089407/>.

**Narayanaswami:1993:SQP**

- [Nar93] P. P. Narayanaswami. The separable quotient problem for barrelled spaces. *Lecture Notes in Mathematics*, 1540:289–308, 1993.

CODEN LNMAA2. ISBN 3-540-56471-3 (print), 3-540-47565-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085487/>.

**Narkiewicz:1995:FIS**

- [Nar95a] Włodysław Narkiewicz. Fully invariant sets for polynomial mappings. *Lecture Notes in Mathematics*, 1600:67–109, 1995. CODEN LNMAA2. ISBN 3-540-59435-3 (print), 3-540-49266-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0076896/>.

**Narkiewicz:1995:PM**

- [Nar95b] Włodysław Narkiewicz. *Polynomial Mappings*, volume 1600 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1995. CODEN LNMAA2. ISBN 3-540-59435-3 (print), 3-540-49266-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). viii + 130 pp. LCCN QA3 .L28 no. 1600. URL <http://link.springer.com/book/10.1007/BFb0076894>; <http://www.springerlink.com/content/978-3-540-49266-5>.

**Narkiewicz:1995:RIV**

- [Nar95c] Włodysław Narkiewicz. Rings of integral-valued polynomials. *Lecture Notes in Mathematics*, 1600:1–66, 1995. CODEN LNMAA2. ISBN 3-540-59435-3 (print), 3-540-49266-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0076895/>.

**Narasimhan:1997:VBC**

- [Nar97] M. S. Narasimhan, editor. *Vector Bundles on Curves — New Directions: Lectures given at the 3rd Session of the Centro Internazionale Matematico Estivo (C.I.M.E.) held in Cetraro (Cosenza), Italy, June 19–27, 1995*, volume 1649 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1997. CODEN LNMAA2. ISBN 3-540-62401-5 (print), 3-540-49701-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1649. URL <http://link.springer.com/book/10.1007/BFb0094423>; <http://www.springerlink.com/content/978-3-540-49701-1>.

**Nazarov:1992:YSL**

- [Naz92] M. L. Nazarov. Yangians of the “strange” Lie superalgebras. *Lecture Notes in Mathematics*, 1510:90–97, 1992. CODEN LN-

MAA2. ISBN 3-540-55305-3 (print), 3-540-47020-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0101181/>.

**Nerode:1990:SLI**

- [Ner90] Anil Nerode. Some lectures on intuitionistic logic. *Lecture Notes in Mathematics*, 1429:12–59, 1990. CODEN LNMAA2. ISBN 3-540-52734-6 (print), 3-540-47135-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093923/>.

**Neumann:1990:IFG**

- [Neu90] Walter D. Neumann. On intersections of finitely generated subgroups of free groups. *Lecture Notes in Mathematics*, 1456:161–170, 1990. CODEN LNMAA2. ISBN 3-540-53475-X (print), 3-540-46900-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0100737/>.

**Neuenschwander:1996:BMH**

- [Neu96a] Daniel Neuenschwander. Brownian motions on  $H$ . *Lecture Notes in Mathematics*, 1630:29–84, 1996. CODEN LNMAA2. ISBN 3-540-61453-2 (print), 3-540-68590-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094032/>.

**Neuenschwander:1996:I**

- [Neu96b] Daniel Neuenschwander. Introduction. *Lecture Notes in Mathematics*, 1630:1–6, 1996. CODEN LNMAA2. ISBN 3-540-61453-2 (print), 3-540-68590-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094030/>.

**Neuenschwander:1996:OLT**

- [Neu96c] Daniel Neuenschwander. Other limit theorems on  $H$ . *Lecture Notes in Mathematics*, 1630:85–123, 1996. CODEN LNMAA2. ISBN 3-540-61453-2 (print), 3-540-68590-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094033/>.

**Neuenschwander:1996:PHG**

- [Neu96d] Daniel Neuenschwander. *Probabilities on the Heisenberg Group: Limit Theorems and Brownian Motion*, volume 1630 of *Lec-*

*Lecture Notes in Mathematics.* Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1996. CODEN LNMAA2. ISBN 3-540-61453-2 (print), 3-540-68590-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). viii + 139 pp. LCCN QA3 .L28 no. 1630. URL <http://link.springer.com/book/10.1007/BFb0094029>; <http://www.springerlink.com/content/978-3-540-68590-6>.

**Neuenschwander:1996:PTS**

- [Neu96e] Daniel Neuenschwander. Probability theory on simply connected nilpotent Lie groups. *Lecture Notes in Mathematics*, 1630:7–27, 1996. CODEN LNMAA2. ISBN 3-540-61453-2 (print), 3-540-68590-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094031>.

**Neuberger:1997:CTG**

- [Neu97a] John William Neuberger. Comparison of two gradients. *Lecture Notes in Mathematics*, 1670:5–9, 1997. CODEN LNMAA2. ISBN 3-540-63537-8 (print), 3-540-69594-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092833>.

**Neuberger:1997:CSDa**

- [Neu97b] John William Neuberger. Continuous steepest descent in Hilbert space: Linear case. *Lecture Notes in Mathematics*, 1670:11–13, 1997. CODEN LNMAA2. ISBN 3-540-63537-8 (print), 3-540-69594-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092834>.

**Neuberger:1997:CSDb**

- [Neu97c] John William Neuberger. Continuous steepest descent in Hilbert space: Nonlinear case. *Lecture Notes in Mathematics*, 1670:15–31, 1997. CODEN LNMAA2. ISBN 3-540-63537-8 (print), 3-540-69594-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092835>.

**Neuberger:1997:FDS**

- [Neu97d] John William Neuberger. Finite difference setting: the inner product case. *Lecture Notes in Mathematics*, 1670:59–68, 1997. CODEN LNMAA2. ISBN 3-540-63537-8 (print), 3-540-69594-X

(e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092839/>.

**Neuberger:1997:FPN**

- [Neu97e] John William Neuberger. Flow problems and non-inner product Sobolev spaces. *Lecture Notes in Mathematics*, 1670:107–114, 1997. CODEN LNMAA2. ISBN 3-540-63537-8 (print), 3-540-69594-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092844/>.

**Neuberger:1997:FGB**

- [Neu97f] John William Neuberger. Foliations as a guide to boundary conditions. *Lecture Notes in Mathematics*, 1670:115–123, 1997. CODEN LNMAA2. ISBN 3-540-63537-8 (print), 3-540-69594-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092845/>.

**Neuberger:1997:IBC**

- [Neu97g] John William Neuberger. Introducing boundary conditions. *Lecture Notes in Mathematics*, 1670:43–52, 1997. CODEN LNMAA2. ISBN 3-540-63537-8 (print), 3-540-69594-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092837/>.

**Neuberger:1997:MS**

- [Neu97h] John William Neuberger. Minimal surfaces. *Lecture Notes in Mathematics*, 1670:93–106, 1997. CODEN LNMAA2. ISBN 3-540-63537-8 (print), 3-540-69594-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092843/>.

**Neuberger:1997:NMC**

- [Neu97i] John William Neuberger. Newton’s method in the context of Sobolev gradients. *Lecture Notes in Mathematics*, 1670:53–58, 1997. CODEN LNMAA2. ISBN 3-540-63537-8 (print), 3-540-69594-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092838/>.

**Neuberger:1997:OPA**

- [Neu97j] John William Neuberger. Orthogonal projections, adjoints and Laplacians. *Lecture Notes in Mathematics*, 1670:33–42, 1997.

CODEN LNMAA2. ISBN 3-540-63537-8 (print), 3-540-69594-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092836/>.

**Neuberger:1997:RAI**

- [Neu97k] John William Neuberger. A related analytic iteration method. *Lecture Notes in Mathematics*, 1670:135–138, 1997. CODEN LNMAA2. ISBN 3-540-63537-8 (print), 3-540-69594-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092847/>.

**Neuberger:1997:SCC**

- [Neu97l] John William Neuberger. A sample computer code with notes. *Lecture Notes in Mathematics*, 1670:141–143, 1997. CODEN LNMAA2. ISBN 3-540-63537-8 (print), 3-540-69594-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092849/>.

**Neuberger:1997:SG**

- [Neu97m] John William Neuberger. Several gradients. *Lecture Notes in Mathematics*, 1670:1–3, 1997. CODEN LNMAA2. ISBN 3-540-63537-8 (print), 3-540-69594-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092832/>.

**Neuberger:1997:SGD**

- [Neu97n] John William Neuberger. *Sobolev Gradients and Differential Equations*, volume 1670 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1997. CODEN LNMAA2. ISBN 3-540-63537-8 (print), 3-540-69594-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). viii + 150 pp. LCCN QA3 .L28 no. 1670. URL <http://link.springer.com/book/10.1007/BFb0092831>; <http://www.springerlink.com/content/978-3-540-69594-3>.

**Neuberger:1997:SGW**

- [Neu97o] John William Neuberger. Sobolev gradients for weak solutions: Function space case. *Lecture Notes in Mathematics*, 1670:69–73, 1997. CODEN LNMAA2. ISBN 3-540-63537-8 (print), 3-540-69594-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092840/>.

**Neuberger:1997:SGN**

- [Neu97p] John William Neuberger. Sobolev gradients in non-inner product spaces: Introduction. *Lecture Notes in Mathematics*, 1670: 75–78, 1997. CODEN LNMAA2. ISBN 3-540-63537-8 (print), 3-540-69594-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092841/>.

**Neuberger:1997:SRI**

- [Neu97q] John William Neuberger. Some related iterative methods for differential equations. *Lecture Notes in Mathematics*, 1670:125–133, 1997. CODEN LNMAA2. ISBN 3-540-63537-8 (print), 3-540-69594-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092846/>.

**Neuberger:1997:SDC**

- [Neu97r] John William Neuberger. Steepest descent for conservation equations. *Lecture Notes in Mathematics*, 1670:139–140, 1997. CODEN LNMAA2. ISBN 3-540-63537-8 (print), 3-540-69594-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092848>.

**Neuberger:1997:SEG**

- [Neu97s] John William Neuberger. The superconductivity equations of Ginzburg–Landau. *Lecture Notes in Mathematics*, 1670:79–91, 1997. CODEN LNMAA2. ISBN 3-540-63537-8 (print), 3-540-69594-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/BFb0092842/](http://link.springer.com/chapter/10.1007/BFb0092842).

**Nevai:1994:OP**

- [Nev94] Paul Nevai. Orthogonal polynomials. *Lecture Notes in Mathematics*, 1574:177–206, 1994. CODEN LNMAA2. ISBN 3-540-57871-4 (print), 3-540-48368-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/BFb0101063/](http://link.springer.com/chapter/10.1007/BFb0101063).

**Newman:1990:GPP**

- [New90] M. F. Newman. Groups of prime-power order. *Lecture Notes in Mathematics*, 1456:49–62, 1990. CODEN LNMAA2. ISBN 3-540-53475-X (print), 3-540-46900-1 (e-book). ISSN 0075-8434

(print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0100730/>.

**Nagasaki:1990:ANT**

- [NF90] Kenji Nagasaka and Etienne Fouvry, editors. *Analytic Number Theory: Proceedings of the Japanese–French Symposium held in Tokyo, Japan, October 10–13, 1988*, volume 1434 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1990. CODEN LNMAA2. ISBN 3-540-52787-7 (print), 3-540-47147-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1434. URL <http://link.springer.com/book/10.1007/BFb0097119>; <http://www.springerlink.com/content/978-3-540-47147-9>.

**Niederreiter:1990:PNG**

- [Nie90] Prof. Dr. H. Niederreiter. Pseudorandom numbers generated from shift register sequences. *Lecture Notes in Mathematics*, 1452:165–177, 1990. CODEN LNMAA2. ISBN 3-540-53408-3 (print), 3-540-46864-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096988/>.

**Nielsen:1991:BAL**

- [Nie91a] Torben T. Nielsen. The Bose algebra  $\Gamma_0 \mathcal{H}, \langle \cdot, \cdot \rangle$ . *Lecture Notes in Mathematics*, 1472:4–22, 1991. CODEN LNMAA2. ISBN 3-540-54041-5 (print), 3-540-47367-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0098305/>.

**Nielsen:1991:BAO**

- [Nie91b] Torben T. Nielsen. Bose algebras of operators. *Lecture Notes in Mathematics*, 1472:79–88, 1991. CODEN LNMAA2. ISBN 3-540-54041-5 (print), 3-540-47367-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0098312/>.

**Nielsen:1991:BAC**

- [Nie91c] Torben T. Nielsen. *Bose Algebras: The Complex and Real Wave Representations*, volume 1472 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1991. CODEN LNMAA2. ISBN 3-540-54041-5

- (print), 3-540-47367-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). iv + 132 pp. LCCN QA3 .L28 no. 1472. URL <http://link.springer.com/book/10.1007/BFb0098303>; <http://www.springerlink.com/content/978-3-540-47367-1>.
- Nielsen:1991:CV**
- [Nie91d] Torben T. Nielsen. The coherent vectors in  $\Gamma\mathcal{H}$ . *Lecture Notes in Mathematics*, 1472:33–44, 1991. CODEN LNMAA2. ISBN 3-540-54041-5 (print), 3-540-47367-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0098307/>.
- Nielsen:1991:CWR**
- [Nie91e] Torben T. Nielsen. The complex wave representation. *Lecture Notes in Mathematics*, 1472:66–71, 1991. CODEN LNMAA2. ISBN 3-540-54041-5 (print), 3-540-47367-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0098310/>.
- Nielsen:1991:I**
- [Nie91f] Torben T. Nielsen. Introduction. *Lecture Notes in Mathematics*, 1472:1–3, 1991. CODEN LNMAA2. ISBN 3-540-54041-5 (print), 3-540-47367-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0098304/>.
- Nielsen:1991:LO**
- [Nie91g] Torben T. Nielsen. Lifting operators to  $\Gamma\mathcal{H}$ . *Lecture Notes in Mathematics*, 1472:23–32, 1991. CODEN LNMAA2. ISBN 3-540-54041-5 (print), 3-540-47367-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0098306/>.
- Nielsen:1991:RWR**
- [Nie91h] Torben T. Nielsen. The real wave representation. *Lecture Notes in Mathematics*, 1472:72–78, 1991. CODEN LNMAA2. ISBN 3-540-54041-5 (print), 3-540-47367-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0098311/>.
- Nielsen:1991:SSO**
- [Nie91i] Torben T. Nielsen. Some special operators. *Lecture Notes in Mathematics*, 1472:53–65, 1991. CODEN LNMAA2. ISBN 3-

540-54041-5 (print), 3-540-47367-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0098309/>.

**Nielsen:1991:WR**

- [Nie91j] Torben T. Nielsen. Wave representations of  $\Gamma(\mathcal{H} + \mathcal{H}^*)$ . *Lecture Notes in Mathematics*, 1472:89–93, 1991. CODEN LNMAA2. ISBN 3-540-54041-5 (print), 3-540-47367-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0098313/>.

**Nielsen:1991:WOW**

- [Nie91k] Torben T. Nielsen. The Wick ordering and the Weyl relations. *Lecture Notes in Mathematics*, 1472:45–52, 1991. CODEN LNMAA2. ISBN 3-540-54041-5 (print), 3-540-47367-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0098308/>.

**Nikolski:1994:IBM**

- [Nik94a] N. K. Nikolski. Interpolation, bases, multipliers. *Lecture Notes in Mathematics*, 1574:259–294, 1994. CODEN LNMAA2. ISBN 3-540-57871-4 (print), 3-540-48368-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0101065/>.

**Nikolski:1994:SAS**

- [Nik94b] N. K. Nikolski. Spectral analysis and synthesis. *Lecture Notes in Mathematics*, 1574:1–72, 1994. CODEN LNMAA2. ISBN 3-540-57871-4 (print), 3-540-48368-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0101061/>.

**Nillsen:1994:ADS**

- [Nil94a] Rodney Nillsen. Applications to differential and singular integral operators. *Lecture Notes in Mathematics*, 1586:118–151, 1994. CODEN LNMAA2. ISBN 3-540-58323-8 (print), 3-540-48652-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073515/>.

**Nillsen:1994:DSI**

- [Nil94b] Rodney Nillsen. *Difference Spaces and Invariant Linear Forms*, volume 1586 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc.,

1994. CODEN LNMAA2. ISBN 3-540-58323-8 (print), 3-540-48652-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). xii + 186 pp. LCCN QA3 .L28 no. 1586. URL <http://link.springer.com/book/10.1007/BFb0073511>; <http://www.springerlink.com/content/978-3-540-48652-7>.

**Nillsen:1994:GPR**

- [Nil94c] Rodney Nillsen. General and preparatory results. *Lecture Notes in Mathematics*, 1586:9–43, 1994. CODEN LNMAA2. ISBN 3-540-58323-8 (print), 3-540-48652-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073513>.

**Nillsen:1994:I**

- [Nil94d] Rodney Nillsen. Introduction. *Lecture Notes in Mathematics*, 1586:1–8, 1994. CODEN LNMAA2. ISBN 3-540-58323-8 (print), 3-540-48652-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073512>.

**Nillsen:1994:MDS**

- [Nil94e] Rodney Nillsen. Multiplication and difference spaces on  $R^n$ . *Lecture Notes in Mathematics*, 1586:44–117, 1994. CODEN LNMAA2. ISBN 3-540-58323-8 (print), 3-540-48652-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073514>.

**Nillsen:1994:RSG**

- [Nil94f] Rodney Nillsen. Results for  $L^p$  spaces on general groups. *Lecture Notes in Mathematics*, 1586:152–174, 1994. CODEN LNMAA2. ISBN 3-540-58323-8 (print), 3-540-48652-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073516>.

**Nishitani:1991:EHC**

- [Nis91] Tatsuo Nishitani. The effectively hyperbolic Cauchy problem. *Lecture Notes in Mathematics*, 1505:71–167, 1991. CODEN LNMAA2. ISBN 3-540-55018-6 (print), 3-540-46655-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0090884>.

**Nishioka:1996:AIM**

- [Nis96a] Kumiko Nishioka. Algebraic independence of Mahler functions and their values. *Lecture Notes in Mathematics*, 1631:78–117, 1996. CODEN LNMAA2. ISBN 3-540-61472-9 (print), 3-540-68598-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093675/>.

**Nishioka:1996:AET**

- [Nis96b] Kumiko Nishioka. Applications of elimination theory. *Lecture Notes in Mathematics*, 1631:118–149, 1996. CODEN LNMAA2. ISBN 3-540-61472-9 (print), 3-540-68598-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093676/>.

**Nishioka:1996:MFT**

- [Nis96c] Kumiko Nishioka. *Mahler Functions and Transcendence*, volume 1631 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1996. CODEN LNMAA2. ISBN 3-540-61472-9 (print), 3-540-68598-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). viii + 185 pp. LCCN QA3 .L28 no. 1631. URL <http://link.springer.com/book/10.1007/BFb0093672>; <http://www.springerlink.com/content/978-3-540-68598-2>.

**Nishioka:1996:RSM**

- [Nis96d] Kumiko Nishioka. Regular sequences and Mahler functions. *Lecture Notes in Mathematics*, 1631:150–175, 1996. CODEN LNMAA2. ISBN 3-540-61472-9 (print), 3-540-68598-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093677/>.

**Nishioka:1996:TTMa**

- [Nis96e] Kumiko Nishioka. Transcendence theory of Mahler functions of one variable. *Lecture Notes in Mathematics*, 1631:1–32, 1996. CODEN LNMAA2. ISBN 3-540-61472-9 (print), 3-540-68598-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093673/>.

**Nishioka:1996:TTMb**

- [Nis96f] Kumiko Nishioka. Transcendence theory of Mahler functions of several variables. *Lecture Notes in Mathematics*, 1631:33–

77, 1996. CODEN LNMAA2. ISBN 3-540-61472-9 (print), 3-540-68598-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093674/>.

Noumi:1992:AWP

[NM92]

Masatoshi Noumi and Katsuhisa Mimachi. Askey–Wilson polynomials as spherical functions on  $SU_q(2)$ . *Lecture Notes in Mathematics*, 1510:98–103, 1992. CODEN LNMAA2. ISBN 3-540-55305-3 (print), 3-540-47020-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0101182/>.

Noguchi:1991:PCG

[NO91]

Junjiro Noguchi and Takeo Ohsawa, editors. *Prospects in Complex Geometry: Proceedings of the 25th Taniguchi International Symposium held in Katata, and the Conference held in Kyoto, July 31–August 9, 1989*, volume 1468 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1991. CODEN LNMAA2. ISBN 3-540-54053-9 (print), 3-540-47370-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1468. URL <http://link.springer.com/book/10.1007/BFb0086186>; <http://www.springerlink.com/content/978-3-540-47370-1>.

Nogin:1991:NEV

[Nog91]

D. Yu. Nogin. Notes on exceptional vector bundles and helices. *Lecture Notes in Mathematics*, 1479:181–195, 1991. CODEN LNMAA2. ISBN 3-540-54456-9 (print), 3-540-38388-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086270/>.

Norris:1992:CDF

[Nor92]

J. R. Norris. A complete differential formalism for stochastic calculus in manifolds. *Lecture Notes in Mathematics*, 1526:189–209, 1992. CODEN LNMAA2. ISBN 3-540-56021-1 (print), 3-540-47342-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084322/>.

Notay:1990:SPS

[Not90]

Y. Notay. Solving positive (semi)definite linear systems by preconditioned iterative methods. *Lecture Notes in Mathematics*,

1457:105–125, 1990. CODEN LNMAA2. ISBN 3-540-53515-2 (print), 3-540-46746-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0090904/>.

**Novikov:1992:RIM**

- [Nov92] Sergei Novikov. Rôle of integrable models in the development of mathematics. *Lecture Notes in Mathematics*, 1525:13–28, 1992. CODEN LNMAA2. ISBN 3-540-56011-4 (print), 3-540-47341-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0089202/>.

**Nowak:1990:DAP**

- [Now90] Werner Georg Nowak. Divisors in arithmetic progressions in imaginary quadratic number fields. *Lecture Notes in Mathematics*, 1452:178–192, 1990. CODEN LNMAA2. ISBN 3-540-53408-3 (print), 3-540-46864-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096989/>.

**Nerode:1990:PIS**

- [NR90] A. Nerode and J. B. Remmel. Polynomially isolated sets. *Lecture Notes in Mathematics*, 1432:323–362, 1990. CODEN LNMAA2. ISBN 3-540-52772-9 (print), 3-540-47142-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086125/>.

**Nazaikinskii:1992:IMO**

- [NSS92] V. E. Nazaikinskii, B. Yu. Sternin, and V. E. Shatalov. Introduction to Maslov’s operational method (non-commutative analysis and differential equations). *Lecture Notes in Mathematics*, 1520: 81–91, 1992. CODEN LNMAA2. ISBN 3-540-55583-8 (print), 3-540-47223-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084716/>.

**Nualart:1998:AWS**

- [Nua98] David Nualart. Analysis on Wiener space and anticipating stochastic calculus. *Lecture Notes in Mathematics*, 1690:123–220, 1998. CODEN LNMAA2. ISBN 3-540-64620-5 (print), 3-540-69228-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092538/>.

**Nussbaum:1993:BM**

- [Nus93a] Roger D. Nussbaum. Back matter. *Lecture Notes in Mathematics*, 1537:??, 1993. CODEN LNMAA2. ISBN 3-540-56461-6 (print), 3-540-47563-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/content/pdf/bbm:978-3-540-47563-7/1.pdf>.

**Nussbaum:1993:FPI**

- [Nus93b] Roger D. Nussbaum. The fixed point index and fixed point theorems. *Lecture Notes in Mathematics*, 1537:143–205, 1993. CODEN LNMAA2. ISBN 3-540-56461-6 (print), 3-540-47563-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085077/>.

**Nualart:1990:SRI**

- [NÜZ90] D. Nualart, A. S. Üstünel, and M. Zakai. Some remarks on independence and conditioning on Wiener space. *Lecture Notes in Mathematics*, 1444:122–127, 1990. CODEN LNMAA2. ISBN 3-540-53064-9 (print), 3-540-46596-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083612/>.

**Nualart:1990:ACP**

- [NV90] David Nualart and Josep Vives. Anticipative calculus for the Poisson process based on the Fock space. *Lecture Notes in Mathematics*, 1426:155–165, 1990. CODEN LNMAA2. ISBN 3-540-52694-3 (print), 3-540-47098-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083763/>.

**Nakanishi:1991:IRT**

- [NV91] Toshihiro Nakanishi and John A. Velling. On inner radii of Teichmüller spaces. *Lecture Notes in Mathematics*, 1468:115–126, 1991. CODEN LNMAA2. ISBN 3-540-54053-9 (print), 3-540-47370-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086190/>.

**Nikolskii:1994:FM**

- [NV94] N. K. Nikolskii and V. I. Vasyunin. Functional models. *Lecture Notes in Mathematics*, 1573:389–408, 1994. CODEN LNMAA2. ISBN 3-540-57870-6 (print), 3-540-48367-5 (e-book).

ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0100210/>.

**Nikolaev:1999:ASF**

- [NZ99a] Igor Nikolaev and Evgeny Zhuzhoma.  $C^*$ -algebras of surface flows. *Lecture Notes in Mathematics*, 1705:175–199, 1999. CODEN LNMAA2. ISBN 3-540-66080-1 (print), 3-540-48759-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093607/>.

**Nikolaev:1999:AWP**

- [NZ99b] Igor Nikolaev and Evgeny Zhuzhoma. Anosov–Weil problem. *Lecture Notes in Mathematics*, 1705:209–237, 1999. CODEN LNMAA2. ISBN 3-540-66080-1 (print), 3-540-48759-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093609/>.

**Nikolaev:1999:DF**

- [NZ99c] Igor Nikolaev and Evgeny Zhuzhoma. Decomposition of flows. *Lecture Notes in Mathematics*, 1705:41–62, 1999. CODEN LNMAA2. ISBN 3-540-66080-1 (print), 3-540-48759-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093602/>.

**Nikolaev:1999:DE**

- [NZ99d] Igor Nikolaev and Evgeny Zhuzhoma. Definitions and examples. *Lecture Notes in Mathematics*, 1705:1–21, 1999. CODEN LNMAA2. ISBN 3-540-66080-1 (print), 3-540-48759-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093600/>.

**Nikolaev:1999:ET**

- [NZ99e] Igor Nikolaev and Evgeny Zhuzhoma. Ergodic theory. *Lecture Notes in Mathematics*, 1705:95–114, 1999. CODEN LNMAA2. ISBN 3-540-66080-1 (print), 3-540-48759-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093605/>.

**Nikolaev:1999:FDM**

- [NZ99f] Igor Nikolaev and Evgeny Zhuzhoma. *Flows on 2-dimensional Manifolds: An Overview*, volume 1705 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1999. CODEN LNMAA2. ISBN 3-540-

66080-1 (print), 3-540-48759-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). xx + 294 pp. LCCN QA3 .L28 no. 1705. URL <http://link.springer.com/book/10.1007/BFb0093599>; <http://www.springerlink.com/content/978-3-540-48759-3>.

Nikolaev:1999:ISF

- [NZ99g] Igor Nikolaev and Evgeny Zhuzhoma. Invariants of surface flows. *Lecture Notes in Mathematics*, 1705:115–174, 1999. CODEN LNMAA2. ISBN 3-540-66080-1 (print), 3-540-48759-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093606/>.

Nikolaev:1999:LT

- [NZ99h] Igor Nikolaev and Evgeny Zhuzhoma. Local theory. *Lecture Notes in Mathematics*, 1705:63–71, 1999. CODEN LNMAA2. ISBN 3-540-66080-1 (print), 3-540-48759-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093603/>.

Nikolaev:1999:NCS

- [NZ99i] Igor Nikolaev and Evgeny Zhuzhoma. Non-compact surfaces. *Lecture Notes in Mathematics*, 1705:239–255, 1999. CODEN LNMAA2. ISBN 3-540-66080-1 (print), 3-540-48759-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093610/>.

Nikolaev:1999:PBT

- [NZ99j] Igor Nikolaev and Evgeny Zhuzhoma. Poincaré–Bendixson’s theory. *Lecture Notes in Mathematics*, 1705:23–39, 1999. CODEN LNMAA2. ISBN 3-540-66080-1 (print), 3-540-48759-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093601/>.

Nikolaev:1999:SLT

- [NZ99k] Igor Nikolaev and Evgeny Zhuzhoma. Semi-local theory. *Lecture Notes in Mathematics*, 1705:201–208, 1999. CODEN LNMAA2. ISBN 3-540-66080-1 (print), 3-540-48759-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093608/>.

**Nikolaev:1999:SFV**

- [NZ99] Igor Nikolaev and Evgeny Zhuzhoma. Space of flows and vector fields. *Lecture Notes in Mathematics*, 1705:73–93, 1999. CODEN LNMAA2. ISBN 3-540-66080-1 (print), 3-540-48759-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093604/>.

**Nikolaev:1999:T**

- [NZ99m] Igor Nikolaev and Evgeny Zhuzhoma. Triptych. *Lecture Notes in Mathematics*, 1705:257–268, 1999. CODEN LNMAA2. ISBN 3-540-66080-1 (print), 3-540-48759-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093611/>.

**Obata:1994:A**

- [Oba94a] Nobuaki Obata. Addendum. *Lecture Notes in Mathematics*, 1577:151–166, 1994. CODEN LNMAA2. ISBN 3-540-57985-0 (print), 3-540-48411-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073958/>.

**Obata:1994:OT**

- [Oba94b] Nobuaki Obata. Operator theory. *Lecture Notes in Mathematics*, 1577:71–108, 1994. CODEN LNMAA2. ISBN 3-540-57985-0 (print), 3-540-48411-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073956/>.

**Obata:1994:P**

- [Oba94c] Nobuaki Obata. Prerequisites. *Lecture Notes in Mathematics*, 1577:1–18, 1994. CODEN LNMAA2. ISBN 3-540-57985-0 (print), 3-540-48411-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073953/>.

**Obata:1994:THA**

- [Oba94d] Nobuaki Obata. Toward harmonic analysis. *Lecture Notes in Mathematics*, 1577:109–150, 1994. CODEN LNMAA2. ISBN 3-540-57985-0 (print), 3-540-48411-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073957/>.

**Obata:1994:WNC**

- [Oba94e] Nobuaki Obata. *White Noise Calculus and Fock Space*, volume 1577 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1994. CODEN LNMAA2. ISBN 3-540-57985-0 (print), 3-540-48411-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). x + 183 pp. LCCN QA3 .L28 no. 1577. URL <http://link.springer.com/book/10.1007/BFb0073952>; <http://www.springerlink.com/content/978-3-540-48411-0>.

**Obata:1994:WNF**

- [Oba94f] Nobuaki Obata. White noise functionals. *Lecture Notes in Mathematics*, 1577:33–70, 1994. CODEN LNMAA2. ISBN 3-540-57985-0 (print), 3-540-48411-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073955>.

**Obata:1994:WNS**

- [Oba94g] Nobuaki Obata. White noise space. *Lecture Notes in Mathematics*, 1577:19–32, 1994. CODEN LNMAA2. ISBN 3-540-57985-0 (print), 3-540-48411-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073954>/.

**Oda:1990:MHS**

- [Oda90a] Takayuki Oda. Multiple Hecke series for class-1 Whittaker functions on  $\mathrm{GL}(n)$  over  $p$ -adic fields. *Lecture Notes in Mathematics*, 1434:196–214, 1990. CODEN LNMAA2. ISBN 3-540-52787-7 (print), 3-540-47147-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0097136>/.

**Oda:1990:RHP**

- [Oda90b] Takayuki Oda. The Riemann–Hodge period relation for Hilbert modular forms of weight 2. *Lecture Notes in Mathematics*, 1447: 261–286, 1990. CODEN LNMAA2. ISBN 3-540-53422-9 (print), 3-540-46876-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085733>/.

**Odifreddi:1990:LCS**

- [Odi90] Piergiorgio Odifreddi, editor. *Logic and Computer Science: Lectures given at the 1st Session of the Centro Internazionale Matem-*

*atico Estivo (C.I.M.E.) held at Montecatini Terme, Italy, June 20–28, 1988*, volume 1429 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1990. CODEN LNMAA2. ISBN 3-540-52734-6 (print), 3-540-47135-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1429. URL <http://link.springer.com/book/10.1007/BFb0093921>; <http://www.springerlink.com/content/978-3-540-47135-6>.

**Ogus:1990:AAC**

- [Ogu90] Arthur Ogus. A  $p$ -adic analogue of the Chowla–Selberg formula. *Lecture Notes in Mathematics*, 1454:319–341, 1990. CODEN LNMAA2. ISBN 3-540-53477-6 (print), 3-540-46906-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0091147>.

**Ohsawa:1991:SHR**

- [Ohs91] Takeo Ohsawa. A strong harmonic representation theorem on complex spaces with isolated singularities. *Lecture Notes in Mathematics*, 1468:170–176, 1991. CODEN LNMAA2. ISBN 3-540-54053-9 (print), 3-540-47370-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086193>.

**Ogawa:1991:RTA**

- [OK91] Hidemitsu Ogawa and Itsuo Kumazawa. Radon transform and analog coding. *Lecture Notes in Mathematics*, 1497:229–241, 1991. CODEN LNMAA2. ISBN 3-540-54970-6 (print), 3-540-46615-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084521>.

**Okamoto:1990:ADB**

- [Oka90] Hisashi Okamoto. Applications of degenerate bifurcation equations to the Taylor problem and the water wave problem. *Lecture Notes in Mathematics*, 1431:117–127, 1990. CODEN LNMAA2. ISBN 3-540-52770-2 (print), 3-540-47141-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086062>.

**Okonek:1991:IIA**

- [Oko91] Christian Okonek. Instanton invariants and algebraic surfaces. *Lecture Notes in Mathematics*, 1504:138–186, 1991. CODEN LNMAA2. ISBN 3-540-55017-8 (print), 3-540-46651-7 (e-book).

ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094290/>.

**Odyniec:1990:I**

- [OL90a] Włodzimierz Odyniec and Grzegorz Lewicki. Introduction. *Lecture Notes in Mathematics*, 1449:1–17, 1990. CODEN LNMAA2. ISBN 3-540-53197-1 (print), 3-540-46753-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094528/>.

**Odyniec:1990:IBS**

- [OL90b] Włodzimierz Odyniec and Grzegorz Lewicki. Isometries of Banach spaces and the problem of characterization of Hilbert spaces. *Lecture Notes in Mathematics*, 1449:131–152, 1990. CODEN LNMAA2. ISBN 3-540-53197-1 (print), 3-540-46753-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094532/>.

**Odyniec:1990:KTC**

- [OL90c] Włodzimierz Odyniec and Grzegorz Lewicki. Kolmogorov's type criteria for minimal projections. *Lecture Notes in Mathematics*, 1449:94–130, 1990. CODEN LNMAA2. ISBN 3-540-53197-1 (print), 3-540-46753-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094531/>.

**Odyniec:1990:MPB**

- [OL90d] Włodzimierz Odyniec and Grzegorz Lewicki. *Minimal Projections in Banach Spaces: Problems of Existence and Uniqueness and their Application*, volume 1449 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1990. CODEN LNMAA2. ISBN 3-540-53197-1 (print), 3-540-46753-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). viii + 168 pp. LCCN QA3 .L28 no. 1449. URL <http://link.springer.com/book/10.1007/BFb0094527>; <http://www.springerlink.com/content/978-3-540-46753-3>.

**Odyniec:1990:MPC**

- [OL90e] Włodzimierz Odyniec and Grzegorz Lewicki. Minimal projections onto codimension one subspaces and a related mathematical programming problem. *Lecture Notes in Mathematics*, 1449:

52–93, 1990. CODEN LNMAA2. ISBN 3-540-53197-1 (print), 3-540-46753-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094530/>.

**Odyniec:1990:PUM**

- [OL90f] Włodzimierz Odyniec and Grzegorz Lewicki. Problem of uniqueness of minimal projections in Banach spaces. *Lecture Notes in Mathematics*, 1449:18–51, 1990. CODEN LNMAA2. ISBN 3-540-53197-1 (print), 3-540-46753-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094529/>.

**Olshanskii:1992:TYI**

- [Ol'92] G. I. Ol'shanskiĭ. Twisted Yangians and infinite-dimensional classical Lie algebras. *Lecture Notes in Mathematics*, 1510:104–119, 1992. CODEN LNMAA2. ISBN 3-540-55305-3 (print), 3-540-47020-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0101183/>.

**Olech:1990:LTE**

- [Ole90] Czesław Olech. The Lyapunov Theorem: Its extensions and applications. *Lecture Notes in Mathematics*, 1446:84–103, 1990. CODEN LNMAA2. ISBN 3-540-53120-3 (print), 3-540-46715-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084932/>.

**Oliva:1990:PMP**

- [Oli90] Cristina Oliva. On the pluriadjoint maps of polarized normal Gorenstein surfaces. *Lecture Notes in Mathematics*, 1417:180–183, 1990. CODEN LNMAA2. ISBN 3-540-52217-4 (print), 3-540-46934-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083341/>.

**Oller:1993:IBM**

- [Oll93] Josep M. Oller. On an intrinsic bias measure. *Lecture Notes in Mathematics*, 1546:134–158, 1993. CODEN LNMAA2. ISBN 3-540-56744-5 (print), 3-540-47645-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084489/>.

**Oort:1993:BM**

- [Oor93a] Frans Oort. Back matter. *Lecture Notes in Mathematics*, 1566:123–127, 1993. CODEN LNMAA2. ISBN 3-540-57528-6 (print), 3-540-48208-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/content/pdf/bbm:978-3-540-48208-6/1.pdf>.

**Oort:1993:GCL**

- [Oor93b] Frans Oort. “The” general case of S. Lang’s conjecture (after Faltings). *Lecture Notes in Mathematics*, 1566:117–122, 1993. CODEN LNMAA2. ISBN 3-540-57528-6 (print), 3-540-48208-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-540-48208-6\\_13/](http://link.springer.com/chapter/10.1007/978-3-540-48208-6_13/).

**Opozda:1991:SER**

- [Opo91] Barbara Opozda. Some extensions of Radon’s theorem. *Lecture Notes in Mathematics*, 1481:185–191, 1991. CODEN LNMAA2. ISBN 3-540-54728-2 (print), 3-540-46445-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083641/>.

**Odwell:1991:FAP**

- [OR91] Edward E. Odwell, Jr. and Haskell P. Rosenthal, editors. *Functional Analysis: Proceedings of the Seminar at the University of Texas at Austin 1987–89*, volume 1470 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1991. CODEN LNMAA2. ISBN 3-540-54206-X (print), 3-540-47493-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1470. URL <http://link.springer.com/book/10.1007/BFb0090208>; <http://www.springerlink.com/content/978-3-540-47493-7>.

**Orellana:1990:SAC**

- [Ore90] O. F. Orellana. On some analytic and computational aspects of two dimensional vortex sheet evolution. *Lecture Notes in Mathematics*, 1435:143–154, 1990. CODEN LNMAA2. ISBN 3-540-52768-0 (print), 3-540-47139-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0087904/>.

**Ollagnier:1990:FIL**

- [OS90] Jean Moulin Ollagnier and Jean-Marie Strelcyn. On first integrals of linear systems, Frobenius integrability theorem and linear representations of Lie algebras. *Lecture Notes in Mathematics*, 1455:243–271, 1990. CODEN LNMAA2. ISBN 3-540-53509-8 (print), 3-540-46722-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085396/>.

**Okamoto:1993:CAA**

- [OSK93] H. Okamoto, M. Shōji, and M. Katsurada. A computer-assisted analysis of the two dimensional Navier–Stokes equations. *Lecture Notes in Mathematics*, 1540:309–318, 1993. CODEN LNMAA2. ISBN 3-540-56471-3 (print), 3-540-47565-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085488/>.

**Ogawa:1990:BSN**

- [OT90] Takayoshi Ogawa and Yoshio Tsutsumi. Blow-up of solutions for the nonlinear Schrödinger equation with quartic potential and periodic boundary condition. *Lecture Notes in Mathematics*, 1450: 236–251, 1990. CODEN LNMAA2. ISBN 3-540-53393-1 (print), 3-540-46818-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084910/>.

**Otani:1993:PES**

- [Ôta93] Mitsuharu Ôta. A priori estimates for some nonlinear parabolic equations via Lyapunov functions. *Lecture Notes in Mathematics*, 1540:319–327, 1993. CODEN LNMAA2. ISBN 3-540-56471-3 (print), 3-540-47565-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085489/>.

**Ohnita:1991:CAP**

- [OU91] Yoshihiro Ohnita and Seiichi Udagawa. Complex-analyticity of pluriharmonic maps and their constructions. *Lecture Notes in Mathematics*, 1468:371–407, 1991. CODEN LNMAA2. ISBN 3-540-54053-9 (print), 3-540-47370-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086201/>.

**Oudin:1991:DSD**

- [Oud91] Louis R. Oudin. Determination of the specific density of an aerosol through tomography. *Lecture Notes in Mathematics*, 1497:242–260, 1991. CODEN LNMAA2. ISBN 3-540-54970-6 (print), 3-540-46615-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084522/>.

**Ouyang:1991:MRS**

- [Ouy91] Guangzhong Ouyang. Multipliers from  $L_1(G)$  to a reflexive Segal algebra. *Lecture Notes in Mathematics*, 1494:163–168, 1991. CODEN LNMAA2. ISBN 3-540-54901-3 (print), 3-540-46474-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0087767/>.

**Overbeck:1995:PRP**

- [Ove95] L. Overbeck. On the predictable representation property for superprocesses. *Lecture Notes in Mathematics*, 1613:108–116, 1995. CODEN LNMAA2. ISBN 3-540-60219-4 (print), 3-540-44744-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094203/>.

**Ozawa:1990:SES**

- [Oza90] Tohru Ozawa. Smoothing effect for the Schrödinger evolution equations with electric fields. *Lecture Notes in Mathematics*, 1450:226–235, 1990. CODEN LNMAA2. ISBN 3-540-53393-1 (print), 3-540-46818-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084909/>.

**Palleschi:1990:ALB**

- [Pal90] Marino Palleschi. On the adjoint line bundle to an ample and spanned one. *Lecture Notes in Mathematics*, 1417:184–190, 1990. CODEN LNMAA2. ISBN 3-540-52217-4 (print), 3-540-46934-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083342/>.

**Palamodov:1991:IFT**

- [Pal91] Victor P. Palamodov. Inversion formulas for the three-dimensional ray transform. *Lecture Notes in Mathematics*, 1497:53–62, 1991. CODEN LNMAA2. ISBN 3-540-54970-6 (print),

3-540-46615-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084507/>.

**Pan:1991:WNI**

- [Pan91a] Wenjie Pan. Weighted norm inequalities for certain maximal operators with approach regions. *Lecture Notes in Mathematics*, 1494:169–175, 1991. CODEN LNMAA2. ISBN 3-540-54901-3 (print), 3-540-46474-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0087768/>.

**Panchishkin:1991:A**

- [Pan91b] Alexey A. Panchishkin. Acknowledgement. *Lecture Notes in Mathematics*, 1471:8, 1991. CODEN LNMAA2. ISBN 3-540-54137-3 (print), 3-662-21541-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-662-21541-8\\_2](http://link.springer.com/chapter/10.1007/978-3-662-21541-8_2).

**Panchishkin:1991:BM**

- [Pan91c] Alexey A. Panchishkin. Back matter. *Lecture Notes in Mathematics*, 1471:146–161, 1991. CODEN LNMAA2. ISBN 3-540-54137-3 (print), 3-662-21541-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/content/pdf/bbm:978-3-662-21541-8/1.pdf>.

**Panchishkin:1991:FM**

- [Pan91d] Alexey A. Panchishkin. Front matter. *Lecture Notes in Mathematics*, 1471:N2–vii, 1991. CODEN LNMAA2. ISBN 3-540-54137-3 (print), 3-662-21541-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/content/pdf/bfm:978-3-662-21541-8/1.pdf>.

**Panchishkin:1991:I**

- [Pan91e] Alexey A. Panchishkin. Introduction. *Lecture Notes in Mathematics*, 1471:1–8, 1991. CODEN LNMAA2. ISBN 3-540-54137-3 (print), 3-662-21541-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-662-21541-8\\_1](http://link.springer.com/chapter/10.1007/978-3-662-21541-8_1).

**Panchishkin:1991:NAA**

- [Pan91f] Alexey A. Panchishkin. Non-Archimedean analytic functions, measures and distributions. *Lecture Notes in Mathematics*, 1471:

9–34, 1991. CODEN LNMAA2. ISBN 3-540-54137-3 (print), 3-662-21541-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-662-21541-8\\_3/](http://link.springer.com/chapter/10.1007/978-3-662-21541-8_3/).

Panchishkin:1991:NAC

- [Pan91g] Alexey A. Panchishkin. Non-Archimedean convolutions of Hilbert modular forms. *Lecture Notes in Mathematics*, 1471:117–145, 1991. CODEN LNMAA2. ISBN 3-540-54137-3 (print), 3-662-21541-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-662-21541-8\\_6/](http://link.springer.com/chapter/10.1007/978-3-662-21541-8_6/).

Panchishkin:1991:NAF

- [Pan91h] Alexey A. Panchishkin. *Non-Archimedean L-Functions of Siegel and Hilbert Modular Forms*, volume 1471 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1991. CODEN LNMAA2. ISBN 3-540-54137-3 (print), 3-662-21541-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). vi + 157 pp. LCCN QA3 .L28 no. 1471. URL <http://link.springer.com/book/10.1007/978-3-662-21541-8>; <http://www.springerlink.com/content/978-3-662-21541-8>.

Panchishkin:1991:NAS

- [Pan91i] Alexey A. Panchishkin. Non-Archimedean standard zeta functions of Siegel modular forms. *Lecture Notes in Mathematics*, 1471:81–116, 1991. CODEN LNMAA2. ISBN 3-540-54137-3 (print), 3-662-21541-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-662-21541-8\\_5/](http://link.springer.com/chapter/10.1007/978-3-662-21541-8_5/).

Panchishkin:1991:SMF

- [Pan91j] Alexey A. Panchishkin. Siegel modular forms and the holomorphic projection operator. *Lecture Notes in Mathematics*, 1471:35–80, 1991. CODEN LNMAA2. ISBN 3-540-54137-3 (print), 3-662-21541-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-662-21541-8\\_4/](http://link.springer.com/chapter/10.1007/978-3-662-21541-8_4/).

Pardoux:1990:AAS

- [Par90] Etienne Pardoux. Applications of anticipating stochastic calculus to stochastic differential equations. *Lecture Notes in Mathematics*, 1444:63–105, 1990. CODEN LNMAA2. ISBN 3-540-53064-9

(print), 3-540-46596-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083610/>.

**Pardoux:1991:FNL**

- [Par91a] Etienne Pardoux. Filtrage non linéaire et Équations aux dérivées partielles stochastiques associées. (French) []. *Lecture Notes in Mathematics*, 1464:68–163, 1991. CODEN LNMAA2. ISBN 3-540-53841-0 (print), 3-540-46319-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085168/>.

**Parthasarathy:1991:ARU**

- [Par91b] K. R. Parthasarathy. An additional remark on unitary evolutions in Fock space. *Lecture Notes in Mathematics*, 1485:37–38, 1991. CODEN LNMAA2. ISBN 3-540-54616-2 (print), 3-540-38496-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0100844>.

**Parthasarathy:1991:RCM**

- [Par91c] K. R. Parthasarathy. Realisation of a class of Markov processes through unitary evolutions in Fock space. *Lecture Notes in Mathematics*, 1485:31–36, 1991. CODEN LNMAA2. ISBN 3-540-54616-2 (print), 3-540-38496-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/BFb0100843/](http://link.springer.com/chapter/10.1007/BFb0100843).

**Parimala:1992:AGM**

- [Par92] R. Parimala. Algebraic geometric methods in real algebraic geometry. *Lecture Notes in Mathematics*, 1524:37–51, 1992. CODEN LNMAA2. ISBN 3-540-55992-2 (print), 3-540-47337-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/BFb0084607/](http://link.springer.com/chapter/10.1007/BFb0084607).

**Parfenov:1993:EPB**

- [Par93] O. G. Parfenov. Extremal problems for Blaschke products and widths. *Lecture Notes in Mathematics*, 1550:164–168, 1993. CODEN LNMAA2. ISBN 3-540-56931-6 (print), 3-540-47792-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/BFb0117483/](http://link.springer.com/chapter/10.1007/BFb0117483).

**Pataria:1990:QCP**

- [Pat90] P. Pataria. On Quillen's + construction of perfect groups. *Lecture Notes in Mathematics*, 1437:222–267, 1990. CODEN LNMAA2. ISBN 3-540-52836-9 (print), 3-540-47162-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086723/>.

**Pazhitnov:1991:MTC**

- [Paz91] A. V. Pazhitnov. Morse theory of closed 1-forms. *Lecture Notes in Mathematics*, 1474:98–110, 1991. CODEN LNMAA2. ISBN 3-540-54098-9 (print), 3-540-47403-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084740/>.

**Pontier:1992:RHS**

- [PE92] Monique Pontier and Anne Estrade. Relévement horizontal d'une semi-martingale càdlàg. (French) []. *Lecture Notes in Mathematics*, 1526:127–145, 1992. CODEN LNMAA2. ISBN 3-540-56021-1 (print), 3-540-47342-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084316/>.

**Pearson:1991:NOC**

- [Pea91] J. B. Pearson. Notes on  $l^1$ -optimal control. *Lecture Notes in Mathematics*, 1496:222–249, 1991. CODEN LNMAA2. ISBN 3-540-54949-8 (print), 3-540-46604-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084470/>.

**Pedersen:1992:FFR**

- [Ped92] Jens Peter Pedersen. A function field related to the Ree group. *Lecture Notes in Mathematics*, 1518:122–131, 1992. CODEN LNMAA2. ISBN 3-540-55651-6 (print), 3-540-47267-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0087997/>.

**Peetre:1994:HTO**

- [Pee94] Jaak Peetre. Hankel and Toeplitz operators. *Lecture Notes in Mathematics*, 1573:293–358, 1994. CODEN LNMAA2. ISBN 3-540-57870-6 (print), 3-540-48367-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0100208/>.

**Pellikaan:1991:CCE**

- [Pel91] Ruud Pellikaan. On complete conditions in enumerative geometry. *Lecture Notes in Mathematics*, 1462:235–257, 1991. CODEN LNMAA2. ISBN 3-540-53737-6 (print), 3-540-47060-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086386/>.

**Pellikaan:1992:GCA**

- [Pel92] Ruud Pellikaan. On the gonality of curves, abundant codes and decoding. *Lecture Notes in Mathematics*, 1518:132–144, 1992. CODEN LNMAA2. ISBN 3-540-55651-6 (print), 3-540-47267-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0087998/>.

**Perko:1990:BLC**

- [Per90] L. M. Perko. Bifurcation of limit cycles. *Lecture Notes in Mathematics*, 1455:315–333, 1990. CODEN LNMAA2. ISBN 3-540-53509-8 (print), 3-540-46722-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085398/>.

**Peres:1991:ADL**

- [Per91] Yuval Peres. Analytic dependence of Lyapunov exponents on transition probabilities. *Lecture Notes in Mathematics*, 1486:64–80, 1991. CODEN LNMAA2. ISBN 3-540-54662-6 (print), 3-540-46431-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086658/>.

**Persson:1992:GTF**

- [Per92] Ulf Persson. Genus two fibrations revisited. *Lecture Notes in Mathematics*, 1507:133–144, 1992. CODEN LNMAA2. ISBN 3-540-55235-9 (print), 3-540-46786-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094515/>.

**Peres:1999:PTI**

- [Per99] Yuval Peres. Probability on trees: an introductory climb. *Lecture Notes in Mathematics*, 1717:193–280, 1999. CODEN LNMAA2. ISBN 3-540-66593-5 (print), 3-540-48115-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-540-48115-7\\_3/](http://link.springer.com/chapter/10.1007/978-3-540-48115-7_3/).

**Peters:1991:CTP**

- [Pet91] Martin Peters. Classification of two-parameter bifurcations. *Lecture Notes in Mathematics*, 1463:294–300, 1991. CODEN LNMAA2. ISBN 3-540-53736-8 (print), 3-540-47047-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085437/>.

**Peters:1992:RNR**

- [Pet92] C. A. M. Peters. On the rank of non-rigid period maps in the weight one and two case. *Lecture Notes in Mathematics*, 1507: 157–165, 1992. CODEN LNMAA2. ISBN 3-540-55235-9 (print), 3-540-46786-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094517/>.

**Peternell:1996:MSP**

- [Pet96] Thomas Peternell. Manifolds of semi-positive curvature. *Lecture Notes in Mathematics*, 1646:98–142, 1996. CODEN LNMAA2. ISBN 3-540-62038-9 (print), 3-540-49632-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094303/>.

**Pfeffer:1990:DTV**

- [Pfe90] Washek F. Pfeffer. Divergence theorem for vector fields with singularities. *Lecture Notes in Mathematics*, 1419:150–166, 1990. CODEN LNMAA2. ISBN 3-540-52322-7 (print), 3-540-46955-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083106/>.

**Pierson-Gorez:1990:DIC**

- [PG90] Cecile Pierson-Gorez. Double integrals and convergence of double series. *Lecture Notes in Mathematics*, 1419:38–53, 1990. CODEN LNMAA2. ISBN 3-540-52322-7 (print), 3-540-46955-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083098/>.

**Phan:1991:TSR**

- [Phà91] Nguyen Huynh Phàn. On the topology of the space of reachable symmetric linear systems. *Lecture Notes in Mathematics*, 1474:235–253, 1991. CODEN LNMAA2. ISBN 3-540-54098-9 (print), 3-540-47403-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084750/>.

**Phelps:1993:ASR**

- [Phe93a] Robert R. Phelps. Asplund spaces, the RNP and perturbed optimization. *Lecture Notes in Mathematics*, 1364:79–94, 1993. CODEN LNMAA2. ISBN 3-540-56715-1 (print), 3-540-46077-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-540-46077-0\\_5/](http://link.springer.com/chapter/10.1007/978-3-540-46077-0_5/).

**Phelps:1993:BM**

- [Phe93b] Robert R. Phelps. Back matter. *Lecture Notes in Mathematics*, 1364:110–120, 1993. CODEN LNMAA2. ISBN 3-540-56715-1 (print), 3-540-46077-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/content/pdf/bbm:978-3-540-46077-0/1.pdf>.

**Phelps:1993:CFM**

- [Phe93c] Robert R. Phelps. *Convex Functions, Monotone Operators and Differentiability*, volume 1364 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1993. CODEN LNMAA2. ISBN 3-540-56715-1 (print), 3-540-46077-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). xii + 117 pp. LCCN QA3 .L28 no. 1364. URL <http://link.springer.com/book/10.1007/978-3-540-46077-0>; <http://www.springerlink.com/content/978-3-540-46077-0>.

**Phelps:1993:CFR**

- [Phe93d] Robert R. Phelps. Convex functions on real Banach spaces. *Lecture Notes in Mathematics*, 1364:1–16, 1993. CODEN LNMAA2. ISBN 3-540-56715-1 (print), 3-540-46077-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-540-46077-0\\_1/](http://link.springer.com/chapter/10.1007/978-3-540-46077-0_1/).

**Phelps:1993:FM**

- [Phe93e] Robert R. Phelps. Front matter. *Lecture Notes in Mathematics*, 1364:I–XI, 1993. CODEN LNMAA2. ISBN 3-540-56715-1 (print), 3-540-46077-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/content/pdf/bfm:978-3-540-46077-0/1.pdf>.

**Phelps:1993:GDS**

- [Phe93f] Robert R. Phelps. Gâteaux differentiability spaces. *Lecture Notes in Mathematics*, 1364:95–101, 1993. CODEN LNMAA2. ISBN

3-540-56715-1 (print), 3-540-46077-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-540-46077-0\\_6/](http://link.springer.com/chapter/10.1007/978-3-540-46077-0_6/).

**Phelps:1993:GMO**

- [Phe93g] Robert R. Phelps. A generalization of monotone operators: Usco maps. *Lecture Notes in Mathematics*, 1364:102–109, 1993. CODEN LNMAA2. ISBN 3-540-56715-1 (print), 3-540-46077-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-540-46077-0\\_7/](http://link.springer.com/chapter/10.1007/978-3-540-46077-0_7/).

**Phelps:1993:LSC**

- [Phe93h] Robert R. Phelps. Lower semicontinuous convex functions. *Lecture Notes in Mathematics*, 1364:38–57, 1993. CODEN LNMAA2. ISBN 3-540-56715-1 (print), 3-540-46077-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-540-46077-0\\_3/](http://link.springer.com/chapter/10.1007/978-3-540-46077-0_3/).

**Phelps:1993:MOS**

- [Phe93i] Robert R. Phelps. Monotone operators, subdifferentials and Asplund spaces. *Lecture Notes in Mathematics*, 1364:17–37, 1993. CODEN LNMAA2. ISBN 3-540-56715-1 (print), 3-540-46077-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-540-46077-0\\_2/](http://link.springer.com/chapter/10.1007/978-3-540-46077-0_2/).

**Phelps:1993:SVP**

- [Phe93j] Robert R. Phelps. Smooth variational principles, Asplund spaces, weak Asplund spaces. *Lecture Notes in Mathematics*, 1364:58–78, 1993. CODEN LNMAA2. ISBN 3-540-56715-1 (print), 3-540-46077-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-540-46077-0\\_4/](http://link.springer.com/chapter/10.1007/978-3-540-46077-0_4/).

**Philippon:1990:PIF**

- [Phi90] Patrice Philippon. Polynômes d’interpolation sur  $\mathbf{Z}$  et  $\mathbf{Z}[i]$ . (French) []. *Lecture Notes in Mathematics*, 1415:180–195, 1990. CODEN LNMAA2. ISBN 3-540-52190-9 (print), 3-540-46919-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084887/>.

**Pianigiani:1990:DIB**

- [Pia90] Giulio Pianigiani. Differential inclusions the Baire category method. *Lecture Notes in Mathematics*, 1446:104–136, 1990. CODEN LNMAA2. ISBN 3-540-53120-3 (print), 3-540-46715-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084933/>.

**Piccinini:1990:GSE**

- [Pic90] Renzo A. Piccinini, editor. *Groups of Self-Equivalences and Related Topics: Proceedings of a Conference held in Montreal, Canada, Aug. 8–12, 1988*, volume 1425 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1990. CODEN LNMAA2. ISBN 3-540-52658-7 (print), 3-540-47091-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1425. URL <http://link.springer.com/book/10.1007/BFb0083825>; <http://www.springerlink.com/content/978-3-540-47091-5>.

**Picard:1991:CSA**

- [Pic91] Jean Picard. Calcul stochastique avec sauts sur une variété. (French) []. *Lecture Notes in Mathematics*, 1485:196–219, 1991. CODEN LNMAA2. ISBN 3-540-54616-2 (print), 3-540-38496-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0100857/>.

**Pileckas:1990:NFB**

- [Pil90] Konstantin Pileckas. Noncompact free boundary problems for the Navier–Stokes equations. *Lecture Notes in Mathematics*, 1431:60–72, 1990. CODEN LNMAA2. ISBN 3-540-52770-2 (print), 3-540-47141-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086055/>.

**Pilyugin:1994:DPR**

- [Pil94a] Sergei Yu. Pilyugin. Definitions and preliminary results. *Lecture Notes in Mathematics*, 1571:1–21, 1994. CODEN LNMAA2. ISBN 3-540-57702-5 (print), 3-540-48314-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073520/>.

**Pilyugin:1994:GPD**

- [Pil94b] Sergei Yu. Pilyugin. Generic properties of dynamical systems. *Lecture Notes in Mathematics*, 1571:23–52, 1994. CODEN LN-

MAA2. ISBN 3-540-57702-5 (print), 3-540-48314-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073521/>.

**Pilyugin:1994:LSD**

- [Pil94c] Sergei Yu. Pilyugin. Limit sets of domains. *Lecture Notes in Mathematics*, 1571:125–142, 1994. CODEN LNMAA2. ISBN 3-540-57702-5 (print), 3-540-48314-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073524/>.

**Pilyugin:1994:PA**

- [Pil94d] Sergei Yu. Pilyugin. Perturbations of attractors. *Lecture Notes in Mathematics*, 1571:87–123, 1994. CODEN LNMAA2. ISBN 3-540-57702-5 (print), 3-540-48314-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073523/>.

**Pilyugin:1994:SDS**

- [Pil94e] Sergei Yu. Pilyugin. *The Space of Dynamical Systems with the  $C^0$ -Topology*, volume 1571 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1994. CODEN LNMAA2. ISBN 3-540-57702-5 (print), 3-540-48314-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). x + 188 pp. LCCN QA3 .L28 no. 1571. URL <http://link.springer.com/book/10.1007/BFb0073519>; <http://www.springerlink.com/content/978-3-540-48314-4>.

**Pilyugin:1994:TS**

- [Pil94f] Sergei Yu. Pilyugin. Topological stability. *Lecture Notes in Mathematics*, 1571:53–85, 1994. CODEN LNMAA2. ISBN 3-540-57702-5 (print), 3-540-48314-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/BFb0073522/](http://link.springer.com/chapter/10.1007/BFb0073522).

**Pillay:1998:MTC**

- [Pil98a] Anand Pillay. The model-theoretic content of Lang’s conjecture. *Lecture Notes in Mathematics*, 1696:101–106, 1998. CODEN LNMAA2. ISBN 3-540-64863-1 (print), 3-540-68521-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-540-68521-0\\_6/](http://link.springer.com/chapter/10.1007/978-3-540-68521-0_6).

**Pillay:1998:MTA**

- [Pil98b] Anand Pillay. Model theory of algebraically closed fields. *Lecture Notes in Mathematics*, 1696:61–84, 1998. CODEN LNMAA2. ISBN 3-540-64863-1 (print), 3-540-68521-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-540-68521-0\\_4/](http://link.springer.com/chapter/10.1007/978-3-540-68521-0_4/).

**Pilyugin:1999:NAS**

- [Pil99a] Sergei Yu. Pilyugin. Numerical applications of shadowing. *Lecture Notes in Mathematics*, 1706:219–257, 1999. CODEN LNMAA2. ISBN 3-540-66299-5 (print), 3-540-48429-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093188/>.

**Pilyugin:1999:SDS**

- [Pil99b] Sergei Yu. Pilyugin. *Shadowing in Dynamical Systems*, volume 1706 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1999. CODEN LNMAA2. ISBN 3-540-66299-5 (print), 3-540-48429-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). xviii + 271 pp. LCCN QA3 .L28 no. 1706. URL <http://link.springer.com/book/10.1007/BFb0093184>; <http://www.springerlink.com/content/978-3-540-48429-5>.

**Pilyugin:1999:SNI**

- [Pil99c] Sergei Yu. Pilyugin. Shadowing near an invariant set. *Lecture Notes in Mathematics*, 1706:1–101, 1999. CODEN LNMAA2. ISBN 3-540-66299-5 (print), 3-540-48429-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093185/>.

**Pilyugin:1999:SSS**

- [Pil99d] Sergei Yu. Pilyugin. Systems with special structure. *Lecture Notes in Mathematics*, 1706:173–217, 1999. CODEN LNMAA2. ISBN 3-540-66299-5 (print), 3-540-48429-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093187/>.

**Pilyugin:1999:TSS**

- [Pil99e] Sergei Yu. Pilyugin. Topologically stable, structurally stable, and generic systems. *Lecture Notes in Mathematics*, 1706:103–172, 1999. CODEN LNMAA2. ISBN 3-540-66299-5 (print), 3-

540-48429-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093186/>.

**Pirashvili:1990:CSC**

- [Pir90] Teimuraz Pirashvili. Cohomology of small categories in homotopical algebra. *Lecture Notes in Mathematics*, 1437:268–302, 1990. CODEN LNMAA2. ISBN 3-540-52836-9 (print), 3-540-47162-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086724/>.

**Pirola:1994:II**

- [Pir94] Gian Pietro Pirola. The infinitesimal invariant of  $C^+ - C^-$ . *Lecture Notes in Mathematics*, 1594:223–232, 1994. CODEN LNMAA2. ISBN 3-540-58692-X (print), 3-540-49046-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-540-49046-3\\_4/](http://link.springer.com/chapter/10.1007/978-3-540-49046-3_4/).

**Pisier:1996:BM**

- [Pis96a] Gilles Pisier. Back matter. *Lecture Notes in Mathematics*, 1618:143–161, 1996. CODEN LNMAA2. ISBN 3-540-60322-0 (print), 3-662-21537-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/content/pdf/bbm:978-3-662-21537-1/1.pdf>.

**Pisier:1996:CBH**

- [Pis96b] Gilles Pisier. Completely bounded homomorphisms and derivations. *Lecture Notes in Mathematics*, 1618:70–91, 1996. CODEN LNMAA2. ISBN 3-540-60322-0 (print), 3-662-21537-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-662-21537-1\\_5/](http://link.springer.com/chapter/10.1007/978-3-662-21537-1_5/).

**Pisier:1996:CBMa**

- [Pis96c] Gilles Pisier. Completely bounded maps. *Lecture Notes in Mathematics*, 1618:53–69, 1996. CODEN LNMAA2. ISBN 3-540-60322-0 (print), 3-662-21537-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-662-21537-1\\_4/](http://link.springer.com/chapter/10.1007/978-3-662-21537-1_4/).

**Pisier:1996:CBMb**

- [Pis96d] Gilles Pisier. Completely bounded maps in the Banach space setting. *Lecture Notes in Mathematics*, 1618:133–142, 1996. CODEN

LNMAA2. ISBN 3-540-60322-0 (print), 3-662-21537-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-662-21537-1\\_9/](http://link.springer.com/chapter/10.1007/978-3-662-21537-1_9/).

**Pisier:1996:FM**

- [Pis96e] Gilles Pisier. Front matter. *Lecture Notes in Mathematics*, 1618: N2–vii, 1996. CODEN LNMAA2. ISBN 3-540-60322-0 (print), 3-662-21537-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/content/pdf/bfm:978-3-662-21537-1/1.pdf>.

**Pisier:1996:HSM**

- [Pis96f] Gilles Pisier. Hankelian Schur multipliers. Herz–Schur multipliers. *Lecture Notes in Mathematics*, 1618:107–115, 1996. CODEN LNMAA2. ISBN 3-540-60322-0 (print), 3-662-21537-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-662-21537-1\\_7/](http://link.springer.com/chapter/10.1007/978-3-662-21537-1_7/).

**Pisier:1996:IDC**

- [Pis96g] Gilles Pisier. Introduction. Description of contents. *Lecture Notes in Mathematics*, 1618:1–12, 1996. CODEN LNMAA2. ISBN 3-540-60322-0 (print), 3-662-21537-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-662-21537-1\\_1/](http://link.springer.com/chapter/10.1007/978-3-662-21537-1_1/).

**Pisier:1996:NUU**

- [Pis96h] Gilles Pisier. Non-unitarizable uniformly bounded group representations. *Lecture Notes in Mathematics*, 1618:30–52, 1996. CODEN LNMAA2. ISBN 3-540-60322-0 (print), 3-662-21537-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-662-21537-1\\_3/](http://link.springer.com/chapter/10.1007/978-3-662-21537-1_3/).

**Pisier:1996:SMG**

- [Pis96i] Gilles Pisier. Schur multipliers and Grothendieck’s inequality. *Lecture Notes in Mathematics*, 1618:92–106, 1996. CODEN LNMAA2. ISBN 3-540-60322-0 (print), 3-662-21537-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-662-21537-1\\_6/](http://link.springer.com/chapter/10.1007/978-3-662-21537-1_6/).

**Pisier:1996:SPCa**

- [Pis96j] Gilles Pisier. The similarity problem for cyclic homomorphisms on a  $C^*$ -algebra. *Lecture Notes in Mathematics*, 1618:116–132, 1996. CODEN LNMAA2. ISBN 3-540-60322-0 (print), 3-662-21537-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-662-21537-1\\_8/](http://link.springer.com/chapter/10.1007/978-3-662-21537-1_8/).

**Pisier:1996:SPCb**

- [Pis96k] Gilles Pisier. *Similarity Problems and Completely Bounded Maps*, volume 1618 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1996. CODEN LNMAA2. ISBN 3-540-60322-0 (print), 3-662-21537-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). viii + 156 pp. LCCN QA3 .L28 no. 1618. URL <http://link.springer.com/book/10.1007/978-3-662-21537-1>; <http://www.springerlink.com/content/978-3-662-21537-1>.

**Pisier:1996:NIA**

- [Pis96l] Gilles Pisier. Von Neumann’s inequality and Ando’s generalization. *Lecture Notes in Mathematics*, 1618:13–29, 1996. CODEN LNMAA2. ISBN 3-540-60322-0 (print), 3-662-21537-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-662-21537-1\\_2/](http://link.springer.com/chapter/10.1007/978-3-662-21537-1_2/).

**Pitman:1999:DLT**

- [Pit99] Jim Pitman. The distribution of local times of a Brownian bridge. *Lecture Notes in Mathematics*, 1709:388–394, 1999. CODEN LNMAA2. ISBN 3-540-66342-8 (print), 3-540-48407-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096528/>.

**Liu:1991:WSH**

- [pL91] He ping Liu. The weak  $H^p$  spaces on homogeneous groups. *Lecture Notes in Mathematics*, 1494:113–118, 1991. CODEN LNMAA2. ISBN 3-540-54901-3 (print), 3-540-46474-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0087762/>.

**Platek:1990:MCS**

- [Pla90] Richard A. Platek. Making computers safe for the world: an introduction to proofs of programs part I. *Lecture Notes in Mathematics*,

*ics*, 1429:60–89, 1990. CODEN LNMAA2. ISBN 3-540-52734-6 (print), 3-540-47135-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093924/>.

**Polotovskii:1992:CDP**

- [Pol92] G. M. Polotovskii. On the classification of decomposing plane algebraic curves. *Lecture Notes in Mathematics*, 1524:52–74, 1992. CODEN LNMAA2. ISBN 3-540-55992-2 (print), 3-540-47337-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084608/>.

**Pollard:1993:FCI**

- [Pol93a] J. M. Pollard. Factoring with cubic integers. *Lecture Notes in Mathematics*, 1554:4–10, 1993. CODEN LNMAA2. ISBN 3-540-57013-6 (print), 3-540-47892-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0091536/>.

**Pollard:1993:LS**

- [Pol93b] J. M. Pollard. The lattice sieve. *Lecture Notes in Mathematics*, 1554:43–49, 1993. CODEN LNMAA2. ISBN 3-540-57013-6 (print), 3-540-47892-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0091538/>.

**Pommaret:1991:DTA**

- [Pom91] J. F. Pommaret. Deformation theory of algebraic and geometric structures. *Lecture Notes in Mathematics*, 1478:244–254, 1991. CODEN LNMAA2. ISBN 3-540-54377-5 (print), 3-540-47592-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083506/>.

**Pomp:1998:BDI**

- [Pom98a] Andreas Pomp. *The Boundary-Domain Integral Method for Elliptic Systems*, volume 1683 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1998. CODEN LNMAA2. ISBN 3-540-64163-7 (print), 3-540-69697-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). xvi + 163 pp. LCCN QA3 .L28 no. 1683. URL <http://link.springer.com/book/10.1007/BFb0094576>; <http://www.springerlink.com/content/978-3-540-69697-1>.

**Pomp:1998:DED**

- [Pom98b] Andreas Pomp. The differential equations of the DV model. *Lecture Notes in Mathematics*, 1683:69–88, 1998. CODEN LNMAA2. ISBN 3-540-64163-7 (print), 3-540-69697-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094580/>.

**Pomp:1998:EKS**

- [Pom98c] Andreas Pomp. An example: Katenoid shell under torsion. *Lecture Notes in Mathematics*, 1683:137–153, 1998. CODEN LNMAA2. ISBN 3-540-64163-7 (print), 3-540-69697-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094583/>.

**Pomp:1998:LFE**

- [Pom98d] Andreas Pomp. Levi functions for elliptic systems of partial differential equations. *Lecture Notes in Mathematics*, 1683:29–45, 1998. CODEN LNMAA2. ISBN 3-540-64163-7 (print), 3-540-69697-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094578/>.

**Pomp:1998:LFS**

- [Pom98e] Andreas Pomp. Levi functions for the shell equations. *Lecture Notes in Mathematics*, 1683:89–108, 1998. CODEN LNMAA2. ISBN 3-540-64163-7 (print), 3-540-69697-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094581/>.

**Pomp:1998:PD**

- [Pom98f] Andreas Pomp. Pseudohomogeneous distributions. *Lecture Notes in Mathematics*, 1683:1–27, 1998. CODEN LNMAA2. ISBN 3-540-64163-7 (print), 3-540-69697-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094577/>.

**Pomp:1998:SIEb**

- [Pom98g] Andreas Pomp. The system of integral equations and its numerical solution. *Lecture Notes in Mathematics*, 1683:109–135, 1998. CODEN LNMAA2. ISBN 3-540-64163-7 (print), 3-540-69697-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094582/>.

**Pomp:1998:SIEa**

- [Pom98h] Andreas Pomp. Systems of integral equations, generated by Levi functions. *Lecture Notes in Mathematics*, 1683:47–68, 1998. CODEN LNMAA2. ISBN 3-540-64163-7 (print), 3-540-69697-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094579/>.

**Pott:1995:CS**

- [Pot95a] Alexander Pott. Codes and sequences. *Lecture Notes in Mathematics*, 1601:149–168, 1995. CODEN LNMAA2. ISBN 3-540-59065-X (print), 3-540-49182-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094455/>.

**Pott:1995:DSC**

- [Pot95b] Alexander Pott. Difference sets with classical parameters. *Lecture Notes in Mathematics*, 1601:69–102, 1995. CODEN LNMAA2. ISBN 3-540-59065-X (print), 3-540-49182-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094452/>.

**Pott:1995:EEN**

- [Pot95c] Alexander Pott. Examples: Existence and non-existence. *Lecture Notes in Mathematics*, 1601:35–68, 1995. CODEN LNMAA2. ISBN 3-540-59065-X (print), 3-540-49182-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094451/>.

**Pott:1995:FGC**

- [Pot95d] Alexander Pott. *Finite Geometry and Character Theory*, volume 1601 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1995. CODEN LNMAA2. ISBN 3-540-59065-X (print), 3-540-49182-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). viii + 181 pp. LCCN QA3 .L28 no. 1601. URL <http://link.springer.com/book/10.1007/BFb0094449>; <http://www.springerlink.com/content/978-3-540-49182-8>.

**Pott:1995:PIS**

- [Pot95e] Alexander Pott. Preliminaries: Incidence structures with Singer groups. *Lecture Notes in Mathematics*, 1601:1–33, 1995. CODEN LNMAA2. ISBN 3-540-59065-X (print), 3-540-49182-1 (e-book).

ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094450/>.

**Pott:1995:PPQ**

- [Pot95f] Alexander Pott. Projective planes with quasiregular collineation groups. *Lecture Notes in Mathematics*, 1601:113–147, 1995. CODEN LNMAA2. ISBN 3-540-59065-X (print), 3-540-49182-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094454/>.

**Pott:1995:SRD**

- [Pot95g] Alexander Pott. Semiregular relative difference sets. *Lecture Notes in Mathematics*, 1601:103–111, 1995. CODEN LNMAA2. ISBN 3-540-59065-X (print), 3-540-49182-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094453/>.

**Pumarino:1997:BPb**

- [PR97a] Antonio Pumariño and J. Angel Rodríguez. The binding period. *Lecture Notes in Mathematics*, 1658:135–152, 1997. CODEN LNMAA2. ISBN 3-540-62731-6 (print), 3-540-68496-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093345/>.

**Pumarino:1997:BPa**

- [PR97b] Antonio Pumariño and J. Angel Rodríguez. The binding point. *Lecture Notes in Mathematics*, 1658:119–134, 1997. CODEN LNMAA2. ISBN 3-540-62731-6 (print), 3-540-68496-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093344/>.

**Pumarino:1997:CPS**

- [PR97c] Antonio Pumariño and J. Angel Rodríguez. *Coexistence and Persistence of Strange Attractors*, volume 1658 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1997. CODEN LNMAA2. ISBN 3-540-62731-6 (print), 3-540-68496-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). viii + 195 pp. LCCN QA3 .L28 no. 1658. URL <http://link.springer.com/book/10.1007/BFb0093337>; <http://www.springerlink.com/content/978-3-540-68496-1>.

**Pumarino:1997:CD**

- [PR97d] Antonio Pumariño and J. Angel Rodríguez. Contractive directions. *Lecture Notes in Mathematics*, 1658:53–72, 1997. CODEN LNMAA2. ISBN 3-540-62731-6 (print), 3-540-68496-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093341/>.

**Pumarino:1997:CPB**

- [PR97e] Antonio Pumariño and J. Angel Rodríguez. Critical points of the bidimensional map. *Lecture Notes in Mathematics*, 1658: 73–88, 1997. CODEN LNMAA2. ISBN 3-540-62731-6 (print), 3-540-68496-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093342/>.

**Pumarino:1997:EP**

- [PR97f] Antonio Pumariño and J. Angel Rodríguez. The exclusion of parameters. *Lecture Notes in Mathematics*, 1658:153–190, 1997. CODEN LNMAA2. ISBN 3-540-62731-6 (print), 3-540-68496-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093346/>.

**Pumarino:1997:IP**

- [PR97g] Antonio Pumariño and J. Angel Rodríguez. The inductive process. *Lecture Notes in Mathematics*, 1658:89–118, 1997. CODEN LNMAA2. ISBN 3-540-62731-6 (print), 3-540-68496-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093343/>.

**Pumarino:1997:I**

- [PR97h] Antonio Pumariño and J. Angel Rodríguez. Introduction. *Lecture Notes in Mathematics*, 1658:1–10, 1997. CODEN LNMAA2. ISBN 3-540-62731-6 (print), 3-540-68496-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093338/>.

**Pumarino:1997:SFC**

- [PR97i] Antonio Pumariño and J. Angel Rodríguez. Saddle-focus connections. *Lecture Notes in Mathematics*, 1658:11–20, 1997. CODEN LNMAA2. ISBN 3-540-62731-6 (print), 3-540-68496-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093339/>.

**Pumarino:1997:UF**

- [PR97j] Antonio Pumariño and J. Angel Rodríguez. The unimodal family. *Lecture Notes in Mathematics*, 1658:21–52, 1997. CODEN LNMAA2. ISBN 3-540-62731-6 (print), 3-540-68496-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093340/>.

**Praeger:1990:FPP**

- [Pra90a] Cheryl E. Praeger. Finite primitive permutation groups: a survey. *Lecture Notes in Mathematics*, 1456:63–84, 1990. CODEN LNMAA2. ISBN 3-540-53475-X (print), 3-540-46900-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0100731/>.

**Pratelli:1990:LMD**

- [Pra90b] Luca Pratelli. Sur le lemme de mesurabilité de Doob. (French) []. *Lecture Notes in Mathematics*, 1426:46–51, 1990. CODEN LNMAA2. ISBN 3-540-52694-3 (print), 3-540-47098-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083756/>.

**Pragacz:1991:AGA**

- [Pra91] Piotr Pragacz. Algebro-geometric applications of Schur  $s$ - and  $q$ -polynomials. *Lecture Notes in Mathematics*, 1478:130–191, 1991. CODEN LNMAA2. ISBN 3-540-54377-5 (print), 3-540-47592-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083503/>.

**Pratelli:1992:CCA**

- [Pra92] Luca Pratelli. Une caractérisation de la convergence dans  $L^1$ . Application aux quasimartingales. (French) []. *Lecture Notes in Mathematics*, 1526:61–69, 1992. CODEN LNMAA2. ISBN 3-540-56021-1 (print), 3-540-47342-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084310/>.

**Pratelli:1994:DCE**

- [Pra94] Luca Pratelli. Deux contre-exemples sur la convergence d'intégrales anticipatives. (French) []. *Lecture Notes in Mathematics*, 1583:110–112, 1994. CODEN LNMAA2. ISBN 3-540-58331-9 (print), 3-540-48656-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073838/>.

**Pratelli:1999:APT**

- [Pra99] Maurizio Pratelli. An alternative proof of a theorem of aldous concerning convergence in distribution for martingales. *Lecture Notes in Mathematics*, 1709:334–338, 1999. CODEN LNMAA2. ISBN 3-540-66342-8 (print), 3-540-48407-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096522/>.

**Previato:1996:SYS**

- [Pre96] Emma Previato. Seventy years of spectral curves: 1923–1993. *Lecture Notes in Mathematics*, 1620:419–481, 1996. CODEN LNMAA2. ISBN 3-540-60542-8 (print), 3-540-47706-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094795/>.

**Priddy:1990:CSC**

- [Pri90] Stewart B. Priddy. On characterizing summands in the classifying space of a group, II. *Lecture Notes in Mathematics*, 1418: 175–183, 1990. CODEN LNMAA2. ISBN 3-540-52246-8 (print), 3-540-46938-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083702/>.

**Pritsker:1993:CBP**

- [Pri93] I. E. Pritsker. On the convergence of Bieberbach polynomials in domains with interior zero angles. *Lecture Notes in Mathematics*, 1550:169–172, 1993. CODEN LNMAA2. ISBN 3-540-56931-6 (print), 3-540-47792-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0117484/>.

**Prodinger:1990:FRP**

- [Pro90a] Helmut Prodinger. Further results on a problem of Knödel concerning the analysis of bin-packing. *Lecture Notes in Mathematics*, 1452:193–198, 1990. CODEN LNMAA2. ISBN 3-540-53408-3 (print), 3-540-46864-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096990/>.

**Prouse:1990:UCS**

- [Pro90b] Giovanni Prouse. A uniqueness criterion for the solution of the stationary Navier–Stokes equations. *Lecture Notes in Mathematics*, 1431:128–133, 1990. CODEN LNMAA2. ISBN 3-540-52770-2

(print), 3-540-47141-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086063/>.

**Proskurin:1998:CMF**

- [Pro98a] Nikolai Proskurin. *Cubic Metaplectic Forms and Theta Functions*, volume 1677 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1998. CODEN LNMAA2. ISBN 3-540-63751-6 (print), 3-540-69641-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). viii + 196 pp. LCCN QA3 .L28 no. 1677. URL <http://link.springer.com/book/10.1007/BFb0093533>; <http://www.springerlink.com/content/978-3-540-69641-4>.

**Proskurin:1998:Pa**

- [Pro98b] Nikolai Proskurin. Part 0. *Lecture Notes in Mathematics*, 1677: 1–62, 1998. CODEN LNMAA2. ISBN 3-540-63751-6 (print), 3-540-69641-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093534/>.

**Proskurin:1998:Pb**

- [Pro98c] Nikolai Proskurin. Part 1. *Lecture Notes in Mathematics*, 1677: 63–125, 1998. CODEN LNMAA2. ISBN 3-540-63751-6 (print), 3-540-69641-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093535/>.

**Proskurin:1998:Pc**

- [Pro98d] Nikolai Proskurin. Part 2. *Lecture Notes in Mathematics*, 1677: 126–187, 1998. CODEN LNMAA2. ISBN 3-540-63751-6 (print), 3-540-69641-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093536/>.

**Papamichael:1990:NPD**

- [PS90] N. Papamichael and N. S. Stylianopoulos. On the numerical performance of a domain decomposition method for conformal mapping. *Lecture Notes in Mathematics*, 1435:155–169, 1990. CODEN LNMAA2. ISBN 3-540-52768-0 (print), 3-540-47139-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0087905/>.

**Piene:1990:CBR**

- [PsT90] Ragni Piene and Hsin sheng Tai. A characterization of balanced rational normal scrolls in terms of their osculating spaces. *Lecture Notes in Mathematics*, 1436:215–224, 1990. CODEN LNMAA2. ISBN 3-540-52811-3 (print), 3-540-47154-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084047/>.

**Peternell:1992:NEV**

- [PSW92] Th. Peternell, M. Szurek, and J. A. Wiśniewski. Numerically effective vector bundles with small Chern classes. *Lecture Notes in Mathematics*, 1507:145–156, 1992. CODEN LNMAA2. ISBN 3-540-55235-9 (print), 3-540-46786-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094516/>.

**Pukhnachov:1990:PMF**

- [Puk90] V. V. Pukhnachov. The problem of momentumless flow for the Navier–Stokes equations. *Lecture Notes in Mathematics*, 1431:87–94, 1990. CODEN LNMAA2. ISBN 3-540-52770-2 (print), 3-540-47141-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086058/>.

**Pulvirenti:1996:KLS**

- [Pul96] Mario Pulvirenti. Kinetic limits for stochastic particle systems. *Lecture Notes in Mathematics*, 1627:96–126, 1996. CODEN LNMAA2. ISBN 3-540-61397-8 (print), 3-540-68513-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093178/>.

**Pusz:1993:CED**

- [Pus93] Jerzy Pusz. Characterization of exponential distributions by conditional moments. *Lecture Notes in Mathematics*, 1546:159–162, 1993. CODEN LNMAA2. ISBN 3-540-56744-5 (print), 3-540-47645-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084490/>.

**Puschnigg:1996:TAC**

- [Pus96a] Michael Puschnigg.  $KK$ -theory and asymptotic cohomology. *Lecture Notes in Mathematics*, 1642:182–201, 1996. CODEN LNMAA2. ISBN 3-540-61986-0 (print), 3-540-49579-7 (e-book).

ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094468/>.

**Puschnigg:1996:ARC**

- [Pus96b] Michael Puschnigg. Algebraic de Rham complexes. *Lecture Notes in Mathematics*, 1642:19–26, 1996. CODEN LNMAA2. ISBN 3-540-61986-0 (print), 3-540-49579-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094460/>.

**Puschnigg:1996:ACa**

- [Pus96c] Michael Puschnigg. The analytic  $X$ -complex. *Lecture Notes in Mathematics*, 1642:59–96, 1996. CODEN LNMAA2. ISBN 3-540-61986-0 (print), 3-540-49579-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094463/>.

**Puschnigg:1996:ACCb**

- [Pus96d] Michael Puschnigg. *Asymptotic Cyclic Cohomology*, volume 1642 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1996. CODEN LNMAA2. ISBN 3-540-61986-0 (print), 3-540-49579-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). xxiv + 238 pp. LCCN QA3 .L28 no. 1642. URL <http://link.springer.com/book/10.1007/BFb0094458>; <http://www.springerlink.com/content/978-3-540-49579-6>.

**Puschnigg:1996:ACCa**

- [Pus96e] Michael Puschnigg. Asymptotic cyclic cohomology of dense subalgebras. *Lecture Notes in Mathematics*, 1642:118–126, 1996. CODEN LNMAA2. ISBN 3-540-61986-0 (print), 3-540-49579-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094465/>.

**Puschnigg:1996:AHC**

- [Pus96f] Michael Puschnigg. The asymptotic homotopy category. *Lecture Notes in Mathematics*, 1642:1–18, 1996. CODEN LNMAA2. ISBN 3-540-61986-0 (print), 3-540-49579-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/BFb0094459/](http://link.springer.com/chapter/10.1007/BFb0094459).

**Puschnigg:1996:ACb**

- [Pus96g] Michael Puschnigg. The asymptotic  $X$ -complex. *Lecture Notes in Mathematics*, 1642:97–117, 1996. CODEN LNMAA2. ISBN 3-540-61986-0 (print), 3-540-49579-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094464/>.

**Puschnigg:1996:CC**

- [Pus96h] Michael Puschnigg. Cyclic cohomology. *Lecture Notes in Mathematics*, 1642:27–39, 1996. CODEN LNMAA2. ISBN 3-540-61986-0 (print), 3-540-49579-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094461/>.

**Puschnigg:1996:ES**

- [Pus96i] Michael Puschnigg. Exact sequences. *Lecture Notes in Mathematics*, 1642:158–181, 1996. CODEN LNMAA2. ISBN 3-540-61986-0 (print), 3-540-49579-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094467/>.

**Puschnigg:1996:E**

- [Pus96j] Michael Puschnigg. Examples. *Lecture Notes in Mathematics*, 1642:202–231, 1996. CODEN LNMAA2. ISBN 3-540-61986-0 (print), 3-540-49579-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094469/>.

**Puschnigg:1996:HPC**

- [Pus96k] Michael Puschnigg. Homotopy properties of  $X$ -complexes. *Lecture Notes in Mathematics*, 1642:40–58, 1996. CODEN LNMAA2. ISBN 3-540-61986-0 (print), 3-540-49579-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094462/>.

**Puschnigg:1996:P**

- [Pus96l] Michael Puschnigg. Products. *Lecture Notes in Mathematics*, 1642:127–157, 1996. CODEN LNMAA2. ISBN 3-540-61986-0 (print), 3-540-49579-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094466/>.

**Pytlak:1999:ESD**

- [Pyt99a] Radosław Pytlak. Estimates on solutions to differential equations and their approximations. *Lecture Notes in Mathematics*, 1707: 13–26, 1999. CODEN LNMAA2. ISBN 3-540-66214-6 (print), 3-540-48662-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0097246/>.

**Pytlak:1999:FOM**

- [Pyt99b] Radosław Pytlak. First order method. *Lecture Notes in Mathematics*, 1707:27–53, 1999. CODEN LNMAA2. ISBN 3-540-66214-6 (print), 3-540-48662-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0097247/>.

**Pytlak:1999:Ib**

- [Pyt99c] Radosław Pytlak. Implementation. *Lecture Notes in Mathematics*, 1707:55–79, 1999. CODEN LNMAA2. ISBN 3-540-66214-6 (print), 3-540-48662-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0097248/>.

**Pytlak:1999:Ja**

- [Pyt99d] Radosław Pytlak. Introduction. *Lecture Notes in Mathematics*, 1707:1–12, 1999. CODEN LNMAA2. ISBN 3-540-66214-6 (print), 3-540-48662-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0097245/>.

**Pytlak:1999:NMO**

- [Pyt99e] Radosław Pytlak. *Numerical Methods for Optimal Control Problems with State Constraints*, volume 1707 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1999. CODEN LNMAA2. ISBN 3-540-66214-6 (print), 3-540-48662-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). xii + 215 pp. LCCN QA3 .L28 no. 1707; QA3 .L35 v.1707. URL <http://link.springer.com/book/10.1007/BFb0097244>; <http://www.springerlink.com/content/978-3-540-48662-6>.

**Pytlak:1999:RKB**

- [Pyt99f] Radosław Pytlak. Runge–Kutta based procedure for optimal control of differential–algebraic equations. *Lecture Notes in Math-*

*ematics*, 1707:129–168, 1999. CODEN LNMAA2. ISBN 3-540-66214-6 (print), 3-540-48662-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0097250/>.

Pytlak:1999:SOM

- [Pty99g] Radosław Pytlak. Second order method. *Lecture Notes in Mathematics*, 1707:81–128, 1999. CODEN LNMAA2. ISBN 3-540-66214-6 (print), 3-540-48662-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0097249/>.

Qian:1995:HOU

- [QH95] Zhongmin Qian and Sheng-Wu He. On the hypercontractivity of Ornstein–Uhlenbeck semigroups with drift. *Lecture Notes in Mathematics*, 1613:202–217, 1995. CODEN LNMAA2. ISBN 3-540-60219-4 (print), 3-540-44744-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094212/>.

Quarteroni:1998:ANA

- [Qua98] Alfio Quarteroni, editor. *Advanced Numerical Approximation of Nonlinear Hyperbolic Equations: Lectures given at the 2nd Session of the Centro Internazionale Matematico Estivo (C.I.M.E.) held in Cetraro, Italy, June 23–28, 1997*, volume 1697 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1998. CODEN LNMAA2. ISBN 3-540-64977-8 (print), 3-540-49804-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1697. URL <http://link.springer.com/book/10.1007/BFb0096351>; <http://www.springerlink.com/content/978-3-540-49804-9>.

Rabiger:1991:LUE

- [Räb91] Frank Räbiger. Lower and upper 2-estimates for order bounded sequences and Dunford–Pettis operators between certain classes of Banach lattices. *Lecture Notes in Mathematics*, 1470:159–170, 1991. CODEN LNMAA2. ISBN 3-540-54206-X (print), 3-540-47493-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0090219/>.

**Rainer:1996:PDS**

- [Rai96] Catherine Rainer. Projection d'une diffusion sur sa filtration lente. (French) []. *Lecture Notes in Mathematics*, 1626:228–242, 1996. CODEN LNMAA2. ISBN 3-540-61336-6 (print), 3-540-68463-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094651/>.

**Rajeev:1990:SMA**

- [Raj90] B. Rajeev. On semi-martingales associated with crossings. *Lecture Notes in Mathematics*, 1426:107–116, 1990. CODEN LNMAA2. ISBN 3-540-52694-3 (print), 3-540-47098-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083760/>.

**Rajagopal:1991:SRR**

- [Raj91] K. R. Rajagopal. Some recent results on swirling flows of Newtonian and non-Newtonian fluids. *Lecture Notes in Mathematics*, 1460:171–185, 1991. CODEN LNMAA2. ISBN 3-540-53545-4 (print), 3-540-46779-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0091367/>.

**Rajeev:1996:FOC**

- [Raj96] B. Rajeev. First order calculus and last entrance times. *Lecture Notes in Mathematics*, 1626:261–287, 1996. CODEN LNMAA2. ISBN 3-540-61336-6 (print), 3-540-68463-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094654/>.

**Rakhmanov:1993:SAO**

- [Rak93] E. A. Rakhmanov. Strong asymptotics for orthogonal polynomials. *Lecture Notes in Mathematics*, 1550:71–97, 1993. CODEN LNMAA2. ISBN 3-540-56931-6 (print), 3-540-47792-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0117475/>.

**Rannacher:1990:NAN**

- [Ran90a] Rolf Rannacher. On the numerical analysis of the nonstationary Navier-Stokes equations. *Lecture Notes in Mathematics*, 1431:180–193, 1990. CODEN LNMAA2. ISBN 3-540-52770-2 (print),

3-540-47141-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086069/>.

**Ransford:1990:PSS**

- [Ran90b] T. J. Ransford. Predictable sets and set-valued processes. *Lecture Notes in Mathematics*, 1426:41–45, 1990. CODEN LNMAA2. ISBN 3-540-52694-3 (print), 3-540-47098-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083755/>.

**Rannacher:1992:CPM**

- [Ran92] Rolf Rannacher. On Chorin’s projection method for the incompressible Navier–Stokes equations. *Lecture Notes in Mathematics*, 1530:167–183, 1992. CODEN LNMAA2. ISBN 3-540-56261-3 (print), 3-540-47498-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0090341/>.

**Raugel:1995:BM**

- [Rau95a] Geneviève Raugel. Back matter. *Lecture Notes in Mathematics*, 1609:??, 1995. CODEN LNMAA2. ISBN 3-540-60047-7 (print), 3-540-49415-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/content/pdf/bbm:978-3-540-49415-7/1.pdf>.

**Raugel:1995:DPD**

- [Rau95b] Geneviève Raugel. Dynamics of partial differential equations on thin domains. *Lecture Notes in Mathematics*, 1609:208–315, 1995. CODEN LNMAA2. ISBN 3-540-60047-7 (print), 3-540-49415-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0095241/>.

**Rao:1992:NMP**

- [RB92] Geetha S. Rao and T. L. Bhaskaramurthi. Nonexpansive mappings and proximinality in normed almost linear spaces. *Lecture Notes in Mathematics*, 1511:80–87, 1992. CODEN LNMAA2. ISBN 3-540-55365-7 (print), 3-540-47041-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093799/>.

**Reeder:1990:MSS**

- [Ree90] Mark Reeder. Modular symbols and the Steinberg representation. *Lecture Notes in Mathematics*, 1447:287–302, 1990. CODEN LNMAA2. ISBN 3-540-53422-9 (print), 3-540-46876-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085734/>.

**Reid:1990:IVE**

- [Rei90a] Miles Reid. Infinitesimal view of extending a hyperplane section-deformation theory and computer algebra. *Lecture Notes in Mathematics*, 1417:214–286, 1990. CODEN LNMAA2. ISBN 3-540-52217-4 (print), 3-540-46934-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083344/>.

**Reid:1990:QTC**

- [Rei90b] Miles Reid. Quadrics through a canonical surface. *Lecture Notes in Mathematics*, 1417:191–213, 1990. CODEN LNMAA2. ISBN 3-540-52217-4 (print), 3-540-46934-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083343/>.

**Reider:1990:TAJ**

- [Rei90c] Igor Reider. Toward Abel–Jacobi theory for higher dimensional varieties. *Lecture Notes in Mathematics*, 1417:287–300, 1990. CODEN LNMAA2. ISBN 3-540-52217-4 (print), 3-540-46934-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083345/>.

**Reithmeier:1991:DDSa**

- [Rei91a] Eduard Reithmeier. Differentiable dynamical systems. *Lecture Notes in Mathematics*, 1483:9–109, 1991. CODEN LNMAA2. ISBN 3-540-54512-3 (print), 3-540-38427-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094523/>.

**Reithmeier:1991:DDSb**

- [Rei91b] Eduard Reithmeier. Differentiable dynamical systems with discontinuities. *Lecture Notes in Mathematics*, 1483:110–151, 1991. CODEN LNMAA2. ISBN 3-540-54512-3 (print), 3-540-38427-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094524/>.

**Reithmeier:1991:I**

- [Rei91c] Eduard Reithmeier. Introduction. *Lecture Notes in Mathematics*, 1483:3–8, 1991. CODEN LNMAA2. ISBN 3-540-54512-3 (print), 3-540-38427-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094522>.

**Reithmeier:1991:PSN**

- [Rei91d] Eduard Reithmeier. *Periodic Solutions of Nonlinear Dynamical Systems: Numerical Computation, Stability, Bifurcation and Transition to Chaos*, volume 1483 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1991. CODEN LNMAA2. ISBN 3-540-54512-3 (print), 3-540-38427-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). vi + 171 pp. LCCN QA3 .L28 no. 1483. URL <http://link.springer.com/book/10.1007/BFb0094521>; <http://www.springerlink.com/content/978-3-540-38427-4>.

**Reimann:1997:I**

- [Rei97a] Harry Reimann. Introduction. *Lecture Notes in Mathematics*, 1657:1–8, 1997. CODEN LNMAA2. ISBN 3-540-62645-X (print), 3-540-68414-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093996>.

**Reimann:1997:P**

- [Rei97b] Harry Reimann. Part I. *Lecture Notes in Mathematics*, 1657:9–65, 1997. CODEN LNMAA2. ISBN 3-540-62645-X (print), 3-540-68414-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093997>.

**Reimann:1997:PI**

- [Rei97c] Harry Reimann. Part II. *Lecture Notes in Mathematics*, 1657:66–88, 1997. CODEN LNMAA2. ISBN 3-540-62645-X (print), 3-540-68414-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093998>.

**Reimann:1997:SSZ**

- [Rei97d] Harry Reimann. *The semi-simple zeta function of quaternionic Shimura varieties*, volume 1657 of *Lecture Notes in Mathematics*.

Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1997. CODEN LNMAA2. ISBN 3-540-62645-X (print), 3-540-68414-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). viii + 143 pp. LCCN QA3 .L28 no. 1657. URL <http://link.springer.com/book/10.1007/BFb0093995>; <http://www.springerlink.com/content/978-3-540-68414-5>.

**Reshetnyak:1992:FCI**

[Res92]

Yu. G. Reshetnyak. On functional classes invariant relative to homotheties. *Lecture Notes in Mathematics*, 1508:80–92, 1992. CODEN LNMAA2. ISBN 3-540-55418-1 (print), 3-540-47061-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094239/>.

**Reznikov:1991:SII**

[Rez91]

Alexander G. Reznikov. A strengthened isoperimetric inequality for simplices. *Lecture Notes in Mathematics*, 1469:90–93, 1991. CODEN LNMAA2. ISBN 3-540-54024-5 (print), 3-540-47355-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0089216/>.

**Richter-Gebert:1996:ACT**

[RG96a]

Jürgen Richter-Gebert. Alternative construction techniques. *Lecture Notes in Mathematics*, 1643:149–172, 1996. CODEN LNMAA2. ISBN 3-540-62084-2 (print), 3-540-49640-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093767/>.

**Richter-Gebert:1996:AU**

[RG96b]

Jürgen Richter-Gebert. Applications of university. *Lecture Notes in Mathematics*, 1643:77–115, 1996. CODEN LNMAA2. ISBN 3-540-62084-2 (print), 3-540-49640-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093765/>.

**Richter-Gebert:1996:I**

[RG96c]

Jürgen Richter-Gebert. Introduction. *Lecture Notes in Mathematics*, 1643:1–11, 1996. CODEN LNMAA2. ISBN 3-540-62084-2 (print), 3-540-49640-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093762/>.

**Richter-Gebert:1996:OT**

- [RG96d] Jürgen Richter-Gebert. The objects and the tools. *Lecture Notes in Mathematics*, 1643:13–40, 1996. CODEN LNMAA2. ISBN 3-540-62084-2 (print), 3-540-49640-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093763/>.

**Richter-Gebert:1996:P**

- [RG96e] Jürgen Richter-Gebert. Problems. *Lecture Notes in Mathematics*, 1643:173–177, 1996. CODEN LNMAA2. ISBN 3-540-62084-2 (print), 3-540-49640-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093768/>.

**Richter-Gebert:1996:RSP**

- [RG96f] Jürgen Richter-Gebert. *Realization Spaces of Polytopes*, volume 1643 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1996. CODEN LNMAA2. ISBN 3-540-62084-2 (print), 3-540-49640-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). xii + 187 pp. LCCN QA3 .L28 no. 1643. URL <http://link.springer.com/book/10.1007/BFb0093761>; <http://www.springerlink.com/content/978-3-540-49640-3>.

**Richter-Gebert:1996:TDP**

- [RG96g] Jürgen Richter-Gebert. Three-dimensional polytopes. *Lecture Notes in Mathematics*, 1643:117–147, 1996. CODEN LNMAA2. ISBN 3-540-62084-2 (print), 3-540-49640-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093766/>.

**Richter-Gebert:1996:UT**

- [RG96h] Jürgen Richter-Gebert. The universality theorem. *Lecture Notes in Mathematics*, 1643:41–76, 1996. CODEN LNMAA2. ISBN 3-540-62084-2 (print), 3-540-49640-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093764/>.

**Ribet:1999:TPG**

- [Rib99] Kenneth A. Ribet. Torsion points on  $J_0(N)$  and Galois representations. *Lecture Notes in Mathematics*, 1716:145–166, 1999. CODEN LNMAA2. ISBN 3-540-66546-3 (print), 3-540-48160-5

- (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093454/>.
- Rickman:1992:PTD**
- [Ric92] Seppo Rickman. Picard's theorem and defect relation for quasiregular mappings. *Lecture Notes in Mathematics*, 1508:93–103, 1992. CODEN LNMAA2. ISBN 3-540-55418-1 (print), 3-540-47061-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094240/>.
- Rickard:1998:TCM**
- [Ric98] Jeremy Rickard. Triangulated categories in the modular representation theory of finite groups. *Lecture Notes in Mathematics*, 1685:177–198, 1998. CODEN LNMAA2. ISBN 3-540-64311-7 (print), 3-540-69748-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096375/>.
- Ricker:1999:ABA**
- [Ric99a] Werner Ricker. Abstract Boolean algebras and stone spaces. *Lecture Notes in Mathematics*, 1711:25–40, 1999. CODEN LNMAA2. ISBN 3-540-66461-0 (print), 3-540-48279-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096186/>.
- Ricker:1999:BFA**
- [Ric99b] Werner Ricker. Bade functionals: an application to scalar-type spectral operators. *Lecture Notes in Mathematics*, 1711: 91–104, 1999. CODEN LNMAA2. ISBN 3-540-66461-0 (print), 3-540-48279-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096190/>.
- Ricker:1999:BAP**
- [Ric99c] Werner Ricker. Boolean algebras of projections and uniformly closed operator algebras. *Lecture Notes in Mathematics*, 1711: 41–56, 1999. CODEN LNMAA2. ISBN 3-540-66461-0 (print), 3-540-48279-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096187/>.
- Ricker:1999:IRS**
- [Ric99d] Werner Ricker. Integral representation of the strongly closed algebra generated by a Boolean algebra of projections. *Lecture Notes*

*in Mathematics*, 1711:67–90, 1999. CODEN LNMAA2. ISBN 3-540-66461-0 (print), 3-540-48279-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096189/>.

Ricker:1999:OAG

- [Ric99e] Werner Ricker. *Operator Algebras Generated by Commuting Projections: a Vector Measure Approach*, volume 1711 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1999. CODEN LNMAA2. ISBN 3-540-66461-0 (print), 3-540-48279-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). xviii + 159 pp. LCCN QA3 .L28 no. 1711. URL <http://link.springer.com/book/10.1007/BFb0096184>; <http://www.springerlink.com/content/978-3-540-48279-6>.

Ricker:1999:RSM

- [Ric99f] Werner Ricker. Ranges of spectral measures and Boolean algebras of projections. *Lecture Notes in Mathematics*, 1711:57–66, 1999. CODEN LNMAA2. ISBN 3-540-66461-0 (print), 3-540-48279-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096188/>.

Ricker:1999:RTB

- [Ric99g] Werner Ricker. The reflexivity theorem and bicommutant algebras. *Lecture Notes in Mathematics*, 1711:105–119, 1999. CODEN LNMAA2. ISBN 3-540-66461-0 (print), 3-540-48279-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096191/>.

Ricker:1999:VMB

- [Ric99h] Werner Ricker. Vector measures and Banach spaces. *Lecture Notes in Mathematics*, 1711:1–24, 1999. CODEN LNMAA2. ISBN 3-540-66461-0 (print), 3-540-48279-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096185/>.

Rivkind:1990:NMIN

- [Riv90] Valeriy Ya. Rivkind. Numerical methods for the Navier–Stokes equations with an unknown boundary between two viscous incompressible fluids. *Lecture Notes in Mathematics*, 1431:194–200, 1990. CODEN LNMAA2. ISBN 3-540-52770-2 (print), 3-540-47141-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (elec-

- tronic). URL <http://link.springer.com/chapter/10.1007/BFb0086070/>.
- [RL90] Francesc Rosselló-Llompart. The Chow ring of  $\text{Hilb}^3 P^3$ . *Lecture Notes in Mathematics*, 1436:225–255, 1990. CODEN LNMAA2. ISBN 3-540-52811-3 (print), 3-540-47154-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084048/>.
- [Rob90] Robert O. Robson. Slices: Functions for abstract real analysis. *Lecture Notes in Mathematics*, 1420:206–222, 1990. CODEN LNMAA2. ISBN 3-540-52313-8 (print), 3-540-46952-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083922/>.
- [Roc90] R. T. Rockafellar. Nonsmooth analysis and parametric optimization. *Lecture Notes in Mathematics*, 1446:137–151, 1990. CODEN LNMAA2. ISBN 3-540-53120-3 (print), 3-540-46715-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084934/>.
- [Röc93] Michael Röckner. General theory of Dirichlet forms and applications. *Lecture Notes in Mathematics*, 1563:129–193, 1993. CODEN LNMAA2. ISBN 3-540-57421-2 (print), 3-540-48151-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0074093/>.
- [Röc99] Michael Röckner.  $L^p$ -analysis of finite and infinite dimensional diffusion operators. *Lecture Notes in Mathematics*, 1715:65–116, 1999. CODEN LNMAA2. ISBN 3-540-66545-5 (print), 3-540-48161-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092418/>.
- [Rod92] François Rodier. Minoration de certaines sommes exponentielles binaires. (French) []. *Lecture Notes in Mathematics*, 1518:199–209, 1992. CODEN LNMAA2. ISBN 3-540-55651-6 (print), 3-

**Rossello-Llompart:1990:CR****Robson:1990:SFA****Rockafellar:1990:NAP****Rockner:1993:GTD****Rockner:1999:AFI****Rodier:1992:MCS**

540-47267-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0088003/>.

**Rodrigues:1994:VMS**

- [Rod94] José-Francisco Rodrigues. Variational methods in the Stefan problem. *Lecture Notes in Mathematics*, 1584:147–212, 1994. CODEN LNMAA2. ISBN 3-540-58386-6 (print), 3-540-48678-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073397/>.

**Roger:1990:DUC**

- [Rog90] Claude Roger. Déformations universelles des crochets de Poisson. (French) []. *Lecture Notes in Mathematics*, 1416:242–254, 1990. CODEN LNMAA2. ISBN 3-540-52191-7 (print), 3-540-46920-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0097475/>.

**Rohlfss:1990:LNA**

- [Roh90] Jürgen Rohlfss. Lefschetz numbers for arithmetic groups. *Lecture Notes in Mathematics*, 1447:303–313, 1990. CODEN LNMAA2. ISBN 3-540-53422-9 (print), 3-540-46876-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085735/>.

**Rosebrock:1990:RSD**

- [Ros90] Stephan Rosebrock. A reduced spherical diagram into a ribbon-disk complement and related examples. *Lecture Notes in Mathematics*, 1440:175–185, 1990. CODEN LNMAA2. ISBN 3-540-52990-X (print), 3-540-46296-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084461/>.

**Rosenberg:1991:KAM**

- [Ros91] Jonathan Rosenberg. The ko-assembly map and positive scalar curvature. *Lecture Notes in Mathematics*, 1474:170–182, 1991. CODEN LNMAA2. ISBN 3-540-54098-9 (print), 3-540-47403-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084745/>.

**Rosenthal:1994:GOT**

- [Ros94] Peter Rosenthal. General operator theory. *Lecture Notes in Mathematics*, 1573:211–258, 1994. CODEN LNMAA2. ISBN 3-540-57870-6 (print), 3-540-48367-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0100206/>.

**Rousseau:1990:UUS**

- [Rou90] Christiane Rousseau. Universal unfolding of a singularity of a symmetric vector field with 7-jet  $C^\infty$ -equivalent to  $y\partial/\partial x + (\pm x^3 \pm x^6y)\partial/\partial y$ . *Lecture Notes in Mathematics*, 1455:334–355, 1990. CODEN LNMAA2. ISBN 3-540-53509-8 (print), 3-540-46722-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085399/>.

**Rouquier:1998:DCB**

- [Rou98] Raphaël Rouquier. The derived category of blocks with cyclic defect groups. *Lecture Notes in Mathematics*, 1685:199–220, 1998. CODEN LNMAA2. ISBN 3-540-64311-7 (print), 3-540-69748-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096376/>.

**Rees:1990:CTE**

- [RS90a] Elmer Rees and Christopher Smyth. On the constant in the Tarry–Escott problem. *Lecture Notes in Mathematics*, 1415:196–208, 1990. CODEN LNMAA2. ISBN 3-540-52190-9 (print), 3-540-46919-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084888/>.

**Robbiano:1990:SB**

- [RS90b] Lorenzo Robbiano and Moss Sweedler. Subalgebra bases. *Lecture Notes in Mathematics*, 1430:61–87, 1990. CODEN LNMAA2. ISBN 3-540-52745-1 (print), 3-540-47136-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085537/>.

**Rohlfss:1990:BCL**

- [RS90c] Jürgen Rohlfss and Birgit Speh. Boundary contributions to Lefschetz numbers for arithmetic groups I. *Lecture Notes in Mathematics*, 1447:315–332, 1990. CODEN LNMAA2. ISBN 3-540-53422-9 (print), 3-540-46876-5 (e-book). ISSN 0075-8434

(print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085736/>.

**Rothe:1990:BQP**

- [RS90d] Franz Rothe and Douglas S. Shafer. Bifurcation in a quartic polynomial system arising in biology. *Lecture Notes in Mathematics*, 1455:356–368, 1990. CODEN LNMAA2. ISBN 3-540-53509-8 (print), 3-540-46722-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085400/>.

**Roy:1990:CCC**

- [RS90e] M.-F. Roy and A. Szpirglas. Complexity of the computation of cylindrical decomposition and topology of real algebraic curves using Thom’s lemma. *Lecture Notes in Mathematics*, 1420:223–236, 1990. CODEN LNMAA2. ISBN 3-540-52313-8 (print), 3-540-46952-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083923/>.

**Roberts:1991:STA**

- [RS91a] Mark Roberts and Ian Stewart, editors. *Singularity Theory and its Applications: Warwick 1989, Part II: Singularities, Bifurcations and Dynamics*, volume 1463 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1991. CODEN LNMAA2. ISBN 3-540-53736-8 (print), 3-540-47047-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1463. URL <http://link.springer.com/book/10.1007/BFb0085422>; <http://www.springerlink.com/content/978-3-540-47047-2>.

**Rosenthal:1991:TPO**

- [RS91b] H. P. Rosenthal and S. J. Szarek. On tensor products of operators from  $L^p$  to  $L^q$ . *Lecture Notes in Mathematics*, 1470:108–132, 1991. CODEN LNMAA2. ISBN 3-540-54206-X (print), 3-540-47493-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0090217/>.

**Rahman:1993:CBR**

- [RS93] Mizan Rahman and S. K. Suslov. Classical biorthogonal rational functions. *Lecture Notes in Mathematics*, 1550:131–146, 1993. CODEN LNMAA2. ISBN 3-540-56931-6 (print), 3-540-47792-6

(e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0117478/>.

**Rabeherimanana:1994:PPS**

- [RS94] T. J. Rabeherimanana and S. N. Smirnov. Petites perturbations de systèmes dynamiques et algèbres de Lie nilpotentes. Une extension des estimations de Doss & Stroock. (French) []. *Lecture Notes in Mathematics*, 1583:49–72, 1994. CODEN LNMAA2. ISBN 3-540-58331-9 (print), 3-540-48656-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073833/>.

**Ruscheweyh:1990:CMF**

- [RSSV90] Stephan Ruscheweyh, Edward B. Saff, Luis C. Salinas, and Richard S. Varga, editors. *Computational Methods and Function Theory: Proceedings of a Conference, held in Valparaíso, Chile, March 13–18, 1989*, volume 1435 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1990. CODEN LNMAA2. ISBN 3-540-52768-0 (print), 3-540-47139-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1435. URL <http://link.springer.com/book/10.1007/BFb0087892>; <http://www.springerlink.com/content/978-3-540-47139-4>.

**Rubin:1999:BM**

- [Rub99a] Karl Rubin. Back matter. *Lecture Notes in Mathematics*, 1716: ??, 1999. CODEN LNMAA2. ISBN 3-540-66546-3 (print), 3-540-48160-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/content/pdf/bbm:978-3-540-48160-7/1.pdf>.

**Rubin:1999:ECC**

- [Rub99b] Karl Rubin. Elliptic curves with complex multiplication and the conjecture of Birch and Swinnerton-Dyer. *Lecture Notes in Mathematics*, 1716:167–234, 1999. CODEN LNMAA2. ISBN 3-540-66546-3 (print), 3-540-48160-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093455/>.

**Rudyak:1992:PRH**

- [Rud92] Yu. B. Rudyak. The problem of realization of homology classes from Poincaré up to the present. *Lecture Notes in Mathematics*, 1520:93–110, 1992. CODEN LNMAA2. ISBN 3-540-55583-8

(print), 3-540-47223-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084717/>.

**Ruggeri:1996:RMM**

- [Rug96] Tommaso Ruggeri, editor. *Recent Mathematical Methods in Nonlinear Wave Propagation: Lectures given at the 1st Session of the Centro Internazionale Matematico Estivo (C.I.M.E.), held in Montecatini Terme, Italy, May 23–31, 1994*, volume 1640 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1996. CODEN LNMAA2. ISBN 3-540-61907-0 (print), 3-540-49565-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1640. URL <http://link.springer.com/book/10.1007/BFb0093704>; <http://www.springerlink.com/content/978-3-540-49565-9>.

**Ruiz:1990:TGS**

- [Ruí90] Jesús M. Ruíz. On the topology of global semianalytic sets. *Lecture Notes in Mathematics*, 1420:237–246, 1990. CODEN LNMAA2. ISBN 3-540-52313-8 (print), 3-540-46952-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083924/>.

**Runggaldier:1997:FML**

- [Run97] Wolfgang J. Runggaldier, editor. *Financial Mathematics: Lectures given at the 3rd Session of the Centro Internazionale Matematico Estivo (C.I.M.E.) held in Bressanone, Italy, July 8–13, 1996*, volume 1656 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1997. CODEN LNMAA2. ISBN 3-540-62642-5 (print), 3-540-68356-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1656. URL <http://link.springer.com/book/10.1007/BFb0091997>; <http://www.springerlink.com/content/978-3-540-68356-8>.

**Russo:1990:LEC**

- [Rus90] Francesco Russo. Linear extrapolation concerning Hilbert valued planar functions. *Lecture Notes in Mathematics*, 1444:244–268, 1990. CODEN LNMAA2. ISBN 3-540-53064-9 (print), 3-540-46596-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083619/>.

**Rutter:1990:SPH**

- [Rut90] John W. Rutter. On skeleton preserving homotopy self-equivalences of CW complexes. *Lecture Notes in Mathematics*, 1425:147–156, 1990. CODEN LNMAA2. ISBN 3-540-52658-7 (print), 3-540-47091-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083838/>.

**Rutter:1997:FPN**

- [Rut97a] John W. Rutter.  $\epsilon^*(X)$  finitely presented, nilpotent. *Lecture Notes in Mathematics*, 1662:40–43, 1997. CODEN LNMAA2. ISBN 3-540-63103-8 (print), 3-540-69135-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093745/>.

**Rutter:1997:FG**

- [Rut97b] John W. Rutter.  $\epsilon^*(X)$  not finitely generated. *Lecture Notes in Mathematics*, 1662:34–35, 1997. CODEN LNMAA2. ISBN 3-540-63103-8 (print), 3-540-69135-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093743>.

**Rutter:1997:BB**

- [Rut97c] John W. Rutter. Building blocks. *Lecture Notes in Mathematics*, 1662:4–6, 1997. CODEN LNMAA2. ISBN 3-540-63103-8 (print), 3-540-69135-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093738/>.

**Rutter:1997:CHCb**

- [Rut97d] John W. Rutter. Cellular, homology complexes: calculations. *Lecture Notes in Mathematics*, 1662:54–62, 1997. CODEN LNMAA2. ISBN 3-540-63103-8 (print), 3-540-69135-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/BFb0093748/](http://link.springer.com/chapter/10.1007/BFb0093748).

**Rutter:1997:CHCa**

- [Rut97e] John W. Rutter. Cellular/homology complexes: methods. *Lecture Notes in Mathematics*, 1662:45–53, 1997. CODEN LNMAA2. ISBN 3-540-63103-8 (print), 3-540-69135-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/BFb0093747/](http://link.springer.com/chapter/10.1007/BFb0093747).

**Rutter:1997:GSM**

- [Rut97f] John W. Rutter. Generators: surface, modular groups. *Lecture Notes in Mathematics*, 1662:19–27, 1997. CODEN LNMAA2. ISBN 3-540-63103-8 (print), 3-540-69135-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093741/>.

**Rutter:1997:GTP**

- [Rut97g] John W. Rutter. Group theoretic properties. *Lecture Notes in Mathematics*, 1662:108–112, 1997. CODEN LNMAA2. ISBN 3-540-63103-8 (print), 3-540-69135-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093754/>.

**Rutter:1997:HAS**

- [Rut97h] John W. Rutter. Homotopy automorphisms of  $H$ -spaces. *Lecture Notes in Mathematics*, 1662:121–123, 1997. CODEN LNMAA2. ISBN 3-540-63103-8 (print), 3-540-69135-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093756/>.

**Rutter:1997:HSC**

- [Rut97i] John W. Rutter. Homotopy systems, chain complexes. *Lecture Notes in Mathematics*, 1662:74–79, 1997. CODEN LNMAA2. ISBN 3-540-63103-8 (print), 3-540-69135-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093750/>.

**Rutter:1997:HTH**

- [Rut97j] John W. Rutter. Homotopy type, homotopy groups. *Lecture Notes in Mathematics*, 1662:113–120, 1997. CODEN LNMAA2. ISBN 3-540-63103-8 (print), 3-540-69135-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093755/>.

**Rutter:1997:RD**

- [Rut97k] John W. Rutter. L-R duality. *Lecture Notes in Mathematics*, 1662:44, 1997. CODEN LNMAA2. ISBN 3-540-63103-8 (print), 3-540-69135-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093746>.

**Rutter:1997:L**

- [Rut97l] John W. Rutter. Localization. *Lecture Notes in Mathematics*, 1662:36–39, 1997. CODEN LNMAA2. ISBN 3-540-63103-8 (print), 3-540-69135-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093744/>.

**Rutter:1997:MDT**

- [Rut97m] John W. Rutter. Manifolds of dimension three or more. *Lecture Notes in Mathematics*, 1662:28–33, 1997. CODEN LNMAA2. ISBN 3-540-63103-8 (print), 3-540-69135-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093742/>.

**Rutter:1997:NCP**

- [Rut97n] John W. Rutter. Non-1-connected Postnikov: methods. *Lecture Notes in Mathematics*, 1662:63–73, 1997. CODEN LNMAA2. ISBN 3-540-63103-8 (print), 3-540-69135-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093749/>.

**Rutter:1997:NCS**

- [Rut97o] John W. Rutter. Non-1-connected spaces: calculations. *Lecture Notes in Mathematics*, 1662:80–93, 1997. CODEN LNMAA2. ISBN 3-540-63103-8 (print), 3-540-69135-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093751/>.

**Rutter:1997:P**

- [Rut97p] John W. Rutter. Preliminaries. *Lecture Notes in Mathematics*, 1662:1–3, 1997. CODEN LNMAA2. ISBN 3-540-63103-8 (print), 3-540-69135-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093737/>.

**Rutter:1997:RHH**

- [Rut97q] John W. Rutter. Representations: homology and homotopy. *Lecture Notes in Mathematics*, 1662:7–10, 1997. CODEN LNMAA2. ISBN 3-540-63103-8 (print), 3-540-69135-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093739/>.

**Rutter:1997:SHS**

- [Rut97r] John W. Rutter. *Spaces of Homotopy Self-Equivalences: A Survey*, volume 1662 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1997. CODEN LNMAA2. ISBN 3-540-63103-8 (print), 3-540-69135-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). x + 170 pp. LCCN QA3 .L28 no. 1662. URL <http://link.springer.com/book/10.1007/BFb0093736>; <http://www.springerlink.com/content/978-3-540-69135-8>.

**Rutter:1997:S**

- [Rut97s] John W. Rutter. Surfaces. *Lecture Notes in Mathematics*, 1662: 11–18, 1997. CODEN LNMAA2. ISBN 3-540-63103-8 (print), 3-540-69135-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093740/>.

**Rutter:1997:UP**

- [Rut97t] John W. Rutter. Unions and products. *Lecture Notes in Mathematics*, 1662:98–107, 1997. CODEN LNMAA2. ISBN 3-540-63103-8 (print), 3-540-69135-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093753/>.

**Rutter:1997:WTS**

- [Rut97u] John W. Rutter. Whitehead torsion, simple homotopy. *Lecture Notes in Mathematics*, 1662:94–97, 1997. CODEN LNMAA2. ISBN 3-540-63103-8 (print), 3-540-69135-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093752/>.

**Rizvi:1990:CSM**

- [RY90] S. Tariq Rizvi and Mohamed F. Yousif. On continuous and singular modules. *Lecture Notes in Mathematics*, 1448:116–124, 1990. CODEN LNMAA2. ISBN 3-540-53164-5 (print), 3-540-46745-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0091256/>.

**Sabatier:1991:RIC**

- [Sab91] P. C. Sabatier. Remark on the informative content of few measurements. *Lecture Notes in Mathematics*, 1497:187–193, 1991. CODEN LNMAA2. ISBN 3-540-54970-6 (print), 3-540-46615-0

(e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084518/>.

**Sacks:1990:PP**

- [Sac90] Gerald E. Sacks. Prolog programming. *Lecture Notes in Mathematics*, 1429:90–110, 1990. CODEN LNMAA2. ISBN 3-540-52734-6 (print), 3-540-47135-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093925/>.

**Sadowski:1991:ESA**

- [Sad91] Michał Sadowski. Equivariant splittings associated with smooth toral actions. *Lecture Notes in Mathematics*, 1474:183–192, 1991. CODEN LNMAA2. ISBN 3-540-54098-9 (print), 3-540-47403-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084746/>.

**Saffari:1990:EPP**

- [Saf90] Bahman Saffari. Extremal problems on polynomials. *Lecture Notes in Mathematics*, 1415:209–211, 1990. CODEN LNMAA2. ISBN 3-540-52190-9 (print), 3-540-46919-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084889/>.

**Saito:1991:HEI**

- [Sai91a] Kyoji Saito. Higher Eichler integrals and vector bundles over the moduli of spinned Riemann surfaces. *Lecture Notes in Mathematics*, 1468:408–421, 1991. CODEN LNMAA2. ISBN 3-540-54053-9 (print), 3-540-47370-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086202/>.

**Saito:1991:HCM**

- [Sai91b] Morihiko Saito. Hodge conjecture and mixed motives II. *Lecture Notes in Mathematics*, 1479:196–215, 1991. CODEN LNMAA2. ISBN 3-540-54456-9 (print), 3-540-38388-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086271/>.

**Sakai:1990:RSM**

- [Sak90] Fumio Sakai. Reider–Serrano’s method on normal surfaces. *Lecture Notes in Mathematics*, 1417:301–319, 1990. CODEN LNMAA2. ISBN 3-540-52217-4 (print), 3-540-46934-6 (e-book).

ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083346/>.

**Salvi:1992:EPS**

- [Sal92] Rodolfo Salvi. The exterior problem for the stationary Navier–Stokes equations: On the existence and regularity. *Lecture Notes in Mathematics*, 1530:132–145, 1992. CODEN LNMAA2. ISBN 3-540-56261-3 (print), 3-540-47498-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0090338/>.

**Samborski:1991:RPV**

- [Sam91] S. N. Samborski. Rivers from the point of view of the qualitative theory. *Lecture Notes in Mathematics*, 1493:168–180, 1991. CODEN LNMAA2. ISBN 3-540-54900-5 (print), 3-540-46471-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085030/>.

**Sapronov:1990:BSR**

- [Sap90] Yu. I. Sapronov. The bifurcation of stationary rotations of a multidimensional asymmetric rigid body from the sleeping top regime. *Lecture Notes in Mathematics*, 1453:87–100, 1990. CODEN LNMAA2. ISBN 3-540-53407-5 (print), 3-540-46861-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085948/>.

**Sarason:1992:WCH**

- [Sar92] Donald Sarason. Weak compactness of holomorphic composition operators on  $H^1$ . *Lecture Notes in Mathematics*, 1511:75–79, 1992. CODEN LNMAA2. ISBN 3-540-55365-7 (print), 3-540-47041-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093798/>.

**Sommese:1990:AGP**

- [SBL90] Andrew John Sommese, Aldo Biancofiore, and Elvira Laura Livorni, editors. *Algebraic Geometry: Proceedings of the International Conference held in L’Aquila, Italy, May 30–June 4, 1988*, volume 1417 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1990. CODEN LNMAA2. ISBN 3-540-52217-4 (print), 3-540-46934-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1417. URL <http://link.springer.com/chapter/10.1007/BFb0083346/>.

[/link.springer.com/book/10.1007/BFb0083328;](http://link.springer.com/book/10.1007/BFb0083328) [http://www.springerlink.com/content/978-3-540-46934-6.](http://www.springerlink.com/content/978-3-540-46934-6)

**Saloff-Coste:1997:LFM**

- [SC97] Laurent Saloff-Coste. Lectures on finite Markov chains. *Lecture Notes in Mathematics*, 1665:301–413, 1997. CODEN LNMAA2. ISBN 3-540-63190-9 (print), 3-540-69210-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092621/>.

**Scedrov:1990:BM**

- [Sce90a] Andre Scedrov. Back matter. *Lecture Notes in Mathematics*, 1429:??, 1990. CODEN LNMAA2. ISBN 3-540-52734-6 (print), 3-540-47135-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/content/pdf/bbm:978-3-540-47135-6/1.pdf>.

**Scedrov:1990:GPT**

- [Sce90b] Andre Scedrov. A guide to polymorphic types. *Lecture Notes in Mathematics*, 1429:111–150, 1990. CODEN LNMAA2. ISBN 3-540-52734-6 (print), 3-540-47135-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093926/>.

**Schaaf:1990:DBB**

- [Sch90a] Renate Schaaf. Dirichlet branches bifurcating from zero. *Lecture Notes in Mathematics*, 1458:1–44, 1990. CODEN LNMAA2. ISBN 3-540-53514-4 (print), 3-540-46742-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0098347/>.

**Schaaf:1990:GPT**

- [Sch90b] Renate Schaaf. General properties of time maps. *Lecture Notes in Mathematics*, 1458:110–136, 1990. CODEN LNMAA2. ISBN 3-540-53514-4 (print), 3-540-46742-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0098350/>.

**Schaaf:1990:G**

- [Sch90c] Renate Schaaf. Generalizations. *Lecture Notes in Mathematics*, 1458:69–109, 1990. CODEN LNMAA2. ISBN 3-540-53514-4

(print), 3-540-46742-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0098349/>.

**Schaaf:1990:GSB**

[Sch90d]

Renate Schaaf. *Global Solution Branches of Two Point Boundary Value Problems*, volume 1458 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1990. CODEN LNMAA2. ISBN 3-540-53514-4 (print), 3-540-46742-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). xx + 141 pp. LCCN QA3 .L28 no. 1458. URL <http://link.springer.com/book/10.1007/BFb0098346>; <http://www.springerlink.com/content/978-3-540-46742-7>.

**Schaaf:1990:NPP**

[Sch90e]

Renate Schaaf. Neumann problems, period maps and semilinear Dirichlet problems. *Lecture Notes in Mathematics*, 1458:45–68, 1990. CODEN LNMAA2. ISBN 3-540-53514-4 (print), 3-540-46742-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0098348/>.

**Schaefer:1990:BST**

[Sch90f]

H. H. Schaefer. A Banach–Steinhaus theorem for weak and order continuous operators. *Lecture Notes in Mathematics*, 1422: 93–100, 1990. CODEN LNMAA2. ISBN 3-540-52434-7 (print), 3-540-46988-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0089408/>.

**Schenzel:1990:FIT**

[Sch90g]

Peter Schenzel. Flatness and ideal-transforms of finite type. *Lecture Notes in Mathematics*, 1430:88–97, 1990. CODEN LNMAA2. ISBN 3-540-52745-1 (print), 3-540-47136-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085538/>.

**Schikhof:1990:CPA**

[Sch90h]

Wim H. Schikhof. The complementation property of  $\ell^\infty$  in  $p$ -adic Banach spaces. *Lecture Notes in Mathematics*, 1454:342–350, 1990. CODEN LNMAA2. ISBN 3-540-53477-6 (print), 3-540-46906-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic).

tronic). URL <http://link.springer.com/chapter/10.1007/BFb0091148/>.

**Schinzel:1990:CIP**

- [Sch90i] A. Schinzel. Un critère d’irréductibilité de polynômes. (French) []. *Lecture Notes in Mathematics*, 1415:212–224, 1990. CODEN LNMAA2. ISBN 3-540-52190-9 (print), 3-540-46919-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084890/>.

**Schlomiuk:1990:AIQ**

- [Sch90j] Dana Schlomiuk. Algebraic integrals of quadratic systems with a weak focus. *Lecture Notes in Mathematics*, 1455:373–384, 1990. CODEN LNMAA2. ISBN 3-540-53509-8 (print), 3-540-46722-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085402/>.

**Schober:1990:PHM**

- [Sch90k] Glenn Schober. Planar harmonic mappings. *Lecture Notes in Mathematics*, 1435:171–176, 1990. CODEN LNMAA2. ISBN 3-540-52768-0 (print), 3-540-47139-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0087906/>.

**Schoissengeier:1990:AE**

- [Sch90l] Johannes Schoißengeier. An asymptotic expansion for  $\sum_{n \leq N \{n\alpha + \beta\}}$ . *Lecture Notes in Mathematics*, 1452:199–205, 1990. CODEN LNMAA2. ISBN 3-540-53408-3 (print), 3-540-46864-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096991/>.

**Schulz:1990:CMR**

- [Sch90m] Friedmar Schulz. Conformal mappings with respect to a Riemannian metric. *Lecture Notes in Mathematics*, 1445:61–71, 1990. CODEN LNMAA2. ISBN 3-540-53103-3 (print), 3-540-46678-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0098283/>.

**Schulz:1990:FTE**

- [Sch90n] Friedmar Schulz. Function theory of elliptic equations. *Lecture Notes in Mathematics*, 1445:39–52, 1990. CODEN LNMAA2. ISBN 3-540-53103-3 (print), 3-540-46678-9 (e-book).

ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0098281/>.

**Schulz:1990:ICH**

[Sch90o]

Friedmar Schulz. Integral criteria for Hölder continuity. *Lecture Notes in Mathematics*, 1445:1–14, 1990. CODEN LNMAA2. ISBN 3-540-53103-3 (print), 3-540-46678-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0098278/>.

**Schulz:1990:LBS**

[Sch90p]

Friedmar Schulz. Local behavior of solutions of differential inequalities. *Lecture Notes in Mathematics*, 1445:72–84, 1990. CODEN LNMAA2. ISBN 3-540-53103-3 (print), 3-540-46678-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0098284/>.

**Schulz:1990:PEM**

[Sch90q]

Friedmar Schulz. A priori estimates for Monge–Ampère equations. *Lecture Notes in Mathematics*, 1445:94–105, 1990. CODEN LNMAA2. ISBN 3-540-53103-3 (print), 3-540-46678-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0098286/>.

**Schulz:1990:RPE**

[Sch90r]

Friedmar Schulz. Regularity and a priori estimates for locally convex surfaces. *Lecture Notes in Mathematics*, 1445:106–114, 1990. CODEN LNMAA2. ISBN 3-540-53103-3 (print), 3-540-46678-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0098287/>.

**Schulz:1990:RLE**

[Sch90s]

Friedmar Schulz. Regularity for linear elliptic equations and quasi-linear systems. *Lecture Notes in Mathematics*, 1445:15–27, 1990. CODEN LNMAA2. ISBN 3-540-53103-3 (print), 3-540-46678-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0098279/>.

**Schulz:1990:RMA**

[Sch90t]

Friedmar Schulz. Regularity for Monge–Ampère equations. *Lecture Notes in Mathematics*, 1445:28–38, 1990. CODEN LNMAA2. ISBN 3-540-53103-3 (print), 3-540-46678-9 (e-book).

ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0098280/>.

**Schulz:1990:RTQ**

[Sch90u]

Friedmar Schulz. *Regularity Theory for Quasilinear Elliptic Systems and Monge–Ampère Equations in Two Dimensions*, volume 1445 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1990. CODEN LNMAA2. ISBN 3-540-53103-3 (print), 3-540-46678-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). xvi + 123 pp. LCCN QA3 .L28 no. 1445. URL <http://link.springer.com/book/10.1007/BFb0098277>; <http://www.springerlink.com/content/978-3-540-46678-9>.

**Schulz:1990:USB**

[Sch90v]

Friedmar Schulz. Univalent solutions of binary elliptic systems. *Lecture Notes in Mathematics*, 1445:53–60, 1990. CODEN LNMAA2. ISBN 3-540-53103-3 (print), 3-540-46678-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/BFb0098282/](http://link.springer.com/chapter/10.1007/BFb0098282).

**Schulz:1990:USH**

[Sch90w]

Friedmar Schulz. Univalent solutions of Heinz–Lewy type systems. *Lecture Notes in Mathematics*, 1445:85–93, 1990. CODEN LNMAA2. ISBN 3-540-53103-3 (print), 3-540-46678-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/BFb0098285/](http://link.springer.com/chapter/10.1007/BFb0098285).

**Schwermer:1990:CAG**

[Sch90x]

Joachim Schwermer. Cohomology of arithmetic groups, automorphic forms and  $L$ -functions. *Lecture Notes in Mathematics*, 1447: 1–29, 1990. CODEN LNMAA2. ISBN 3-540-53422-9 (print), 3-540-46876-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/BFb0085724/](http://link.springer.com/chapter/10.1007/BFb0085724).

**Schaumloffel:1991:MET**

[Sch91a]

Kay-Uwe Schaumlöffel. Multiplicative ergodic theorems in infinite dimensions. *Lecture Notes in Mathematics*, 1486:187–195, 1991. CODEN LNMAA2. ISBN 3-540-54662-6 (print), 3-540-46431-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/BFb0086668/](http://link.springer.com/chapter/10.1007/BFb0086668).

**Schlumprecht:1991:LSI**

- [Sch91b] Thomas Schlumprecht. Limited sets in injective tensor products. *Lecture Notes in Mathematics*, 1470:133–158, 1991. CODEN LNMAA2. ISBN 3-540-54206-X (print), 3-540-47493-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0090218/>.

**Schmid:1991:FGI**

- [Sch91c] Barbara J. Schmid. Finite groups and invariant theory. *Lecture Notes in Mathematics*, 1478:35–66, 1991. CODEN LNMAA2. ISBN 3-540-54377-5 (print), 3-540-47592-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083501/>.

**Schmidt:1991:DA**

- [Sch91d] Wolfgang M. Schmidt. Diophantine approximation. *Lecture Notes in Mathematics*, 1467:34–72, 1991. CODEN LNMAA2. ISBN 3-540-54058-X (print), 3-540-47374-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0098248/>.

**Schmidt:1991:DAD**

- [Sch91e] Wolfgang M. Schmidt. *Diophantine Approximations and Diophantine Equations*, volume 1467 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1991. CODEN LNMAA2. ISBN 3-540-54058-X (print), 3-540-47374-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). viii + 217 pp. LCCN QA3 .L28 no. 1467. URL <http://link.springer.com/book/10.1007/BFb0098246>; <http://www.springerlink.com/content/978-3-540-47374-9>.

**Schmidt:1991:DEM**

- [Sch91f] Wolfgang M. Schmidt. Diophantine equations in more than two variables. *Lecture Notes in Mathematics*, 1467:176–204, 1991. CODEN LNMAA2. ISBN 3-540-54058-X (print), 3-540-47374-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0098251/>.

**Schmidt:1991:UEH**

- [Sch91g] Wolfgang M. Schmidt. *S-unit equations and hyperelliptic equations*. *Lecture Notes in Mathematics*, 1467:127–175, 1991. CO-

DEN LNMAA2. ISBN 3-540-54058-X (print), 3-540-47374-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0098250/>.

**Schmidt:1991:SLH**

- [Sch91h] Wolfgang M. Schmidt. Siegel's lemma and heights. *Lecture Notes in Mathematics*, 1467:1–33, 1991. CODEN LNMAA2. ISBN 3-540-54058-X (print), 3-540-47374-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0098247/>.

**Schmidt:1991:TE**

- [Sch91i] Wolfgang M. Schmidt. The Thue equation. *Lecture Notes in Mathematics*, 1467:73–126, 1991. CODEN LNMAA2. ISBN 3-540-54058-X (print), 3-540-47374-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0098249/>.

**Schmuckenschlager:1991:DTJ**

- [Sch91j] M. Schmuckenschläger. On the dependence on  $\epsilon$  in a theorem of J. Bourgain, J. Lindenstrauss and V. D. Milman. *Lecture Notes in Mathematics*, 1469:166–173, 1991. CODEN LNMAA2. ISBN 3-540-54024-5 (print), 3-540-47355-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0089223/>.

**Schrauwen:1991:DMN**

- [Sch91k] Rob Schrauwen. Deformations and the Milnor number of non-isolated plane curve singularities. *Lecture Notes in Mathematics*, 1462:276–291, 1991. CODEN LNMAA2. ISBN 3-540-53737-6 (print), 3-540-47060-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086388/>.

**Schurmann:1991:AMC**

- [Sch91l] Michael Schürmann. The Azéma martingales as components of quantum independent increment processes. *Lecture Notes in Mathematics*, 1485:24–30, 1991. CODEN LNMAA2. ISBN 3-540-54616-2 (print), 3-540-38496-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0100842/>.

**Scheiderer:1992:RAA**

- [Sch92a] Claus Scheiderer. Real algebra and its applications to geometry in the last ten years: Some major developments and results. *Lecture Notes in Mathematics*, 1524:75–96, 1992. CODEN LNMAA2. ISBN 3-540-55992-2 (print), 3-540-47337-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084609/>.

**Schonbek:1992:SRA**

- [Sch92b] Maria E. Schonbek. Some results on the asymptotic behaviour of solutions to the Navier–Stokes equations. *Lecture Notes in Mathematics*, 1530:146–160, 1992. CODEN LNMAA2. ISBN 3-540-56261-3 (print), 3-540-47498-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0090339/>.

**Schurmann:1993:BCF**

- [Sch93a] Michael Schürmann. Basic concepts and first results. *Lecture Notes in Mathematics*, 1544:12–40, 1993. CODEN LNMAA2. ISBN 3-540-56627-9 (print), 3-540-47614-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0089239/>.

**Schurmann:1993:I**

- [Sch93b] Michael Schürmann. Introduction. *Lecture Notes in Mathematics*, 1544:1–11, 1993. CODEN LNMAA2. ISBN 3-540-56627-9 (print), 3-540-47614-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0089238/>.

**Schurmann:1993:LT**

- [Sch93c] Michael Schürmann. Limit theorems. *Lecture Notes in Mathematics*, 1544:128–137, 1993. CODEN LNMAA2. ISBN 3-540-56627-9 (print), 3-540-47614-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0089244/>.

**Schurmann:1993:QCC**

- [Sch93d] Michael Schürmann. Quadratic components of conditionally positive linear functionals. *Lecture Notes in Mathematics*, 1544:114–127, 1993. CODEN LNMAA2. ISBN 3-540-56627-9 (print), 3-540-47614-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic).

tronic). URL <http://link.springer.com/chapter/10.1007/BFb0089243/>.

**Schurmann:1993:SWN**

- [Sch93e] Michael Schürmann. Symmetric white noise on Bose Fock space. *Lecture Notes in Mathematics*, 1544:41–68, 1993. CODEN LNMAA2. ISBN 3-540-56627-9 (print), 3-540-47614-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0089240/>.

**Schurmann:1993:S**

- [Sch93f] Michael Schürmann. Symmetrization. *Lecture Notes in Mathematics*, 1544:69–80, 1993. CODEN LNMAA2. ISBN 3-540-56627-9 (print), 3-540-47614-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0089241/>.

**Schurmann:1993:WNBb**

- [Sch93g] Michael Schürmann. *White Noise on Bialgebras*, volume 1544 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1993. CODEN LNMAA2. ISBN 3-540-56627-9 (print), 3-540-47614-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). vi + 146 pp. LCCN QA3 .L28 no. 1544. URL <http://link.springer.com/book/10.1007/BFb0089237>; <http://www.springerlink.com/content/978-3-540-47614-6>.

**Schurmann:1993:WNBa**

- [Sch93h] Michael Schürmann. White noise on Bose Fock space. *Lecture Notes in Mathematics*, 1544:81–113, 1993. CODEN LNMAA2. ISBN 3-540-56627-9 (print), 3-540-47614-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0089242/>.

**Scheiderer:1994:BCT**

- [Sch94a] Claus Scheiderer. Base change theorems. *Lecture Notes in Mathematics*, 1588:180–190, 1994. CODEN LNMAA2. ISBN 3-540-58436-6 (print), 3-540-48797-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0074284/>.

**Scheiderer:1994:CDR**

- [Sch94b] Claus Scheiderer. Cohomological dimension of  $X_b$ , I: Reduction to the field case. *Lecture Notes in Mathematics*, 1588:68–86, 1994. CODEN LNMAA2. ISBN 3-540-58436-6 (print), 3-540-48797-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0074276/>.

**Scheiderer:1994:CDI**

- [Sch94c] Claus Scheiderer. Cohomological dimension of  $X_b$ , II: The field case. *Lecture Notes in Mathematics*, 1588:96–106, 1994. CODEN LNMAA2. ISBN 3-540-58436-6 (print), 3-540-48797-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0074278/>.

**Scheiderer:1994:CAV**

- [Sch94d] Claus Scheiderer. Cohomology of affine varieties. *Lecture Notes in Mathematics*, 1588:205–211, 1994. CODEN LNMAA2. ISBN 3-540-58436-6 (print), 3-540-48797-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0074286/>.

**Scheiderer:1994:CT**

- [Sch94e] Claus Scheiderer. Comparison theorems. *Lecture Notes in Mathematics*, 1588:173–179, 1994. CODEN LNMAA2. ISBN 3-540-58436-6 (print), 3-540-48797-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0074283/>.

**Scheiderer:1994:CSF**

- [Sch94f] Claus Scheiderer. Constructible sheaves and finiteness theorems. *Lecture Notes in Mathematics*, 1588:191–204, 1994. CODEN LNMAA2. ISBN 3-540-58436-6 (print), 3-540-48797-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0074285/>.

**Scheiderer:1994:ESA**

- [Sch94g] Claus Scheiderer. Equivariant sheaves for actions of topological groups. *Lecture Notes in Mathematics*, 1588:87–95, 1994. CODEN LNMAA2. ISBN 3-540-58436-6 (print), 3-540-48797-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0074277/>.

**Scheiderer:1994:EC**

- [Sch94h] Claus Scheiderer. Examples and complements. *Lecture Notes in Mathematics*, 1588:219–243, 1994. CODEN LNMAA2. ISBN 3-540-58436-6 (print), 3-540-48797-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0074288/>.

**Scheiderer:1994:FLE**

- [Sch94i] Claus Scheiderer. The fundamental long exact sequence. *Lecture Notes in Mathematics*, 1588:56–67, 1994. CODEN LNMAA2. ISBN 3-540-58436-6 (print), 3-540-48797-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0074275/>.

**Scheiderer:1994:T**

- [Sch94j] Claus Scheiderer.  $G$ -toposes. *Lecture Notes in Mathematics*, 1588:107–127, 1994. CODEN LNMAA2. ISBN 3-540-58436-6 (print), 3-540-48797-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0074279/>.

**Scheiderer:1994:GER**

- [Sch94k] Claus Scheiderer. Glueing étale and real étale site. *Lecture Notes in Mathematics*, 1588:9–17, 1994. CODEN LNMAA2. ISBN 3-540-58436-6 (print), 3-540-48797-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0074271/>.

**Scheiderer:1994:GAS**

- [Sch94l] Claus Scheiderer. Group actions on spaces: Topological versus topos-theoretic constructions. *Lecture Notes in Mathematics*, 1588:161–165, 1994. CODEN LNMAA2. ISBN 3-540-58436-6 (print), 3-540-48797-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0074281/>.

**Scheiderer:1994:ILT**

- [Sch94m] Claus Scheiderer. Inverse limits of  $G$ -toposes: Two examples. *Lecture Notes in Mathematics*, 1588:128–160, 1994. CODEN LNMAA2. ISBN 3-540-58436-6 (print), 3-540-48797-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0074280/>.

**Scheiderer:1994:LTS**

- [Sch94n] Claus Scheiderer. Limit theorems, stalks, and other basic facts. *Lecture Notes in Mathematics*, 1588:18–29, 1994. CODEN LNMAA2. ISBN 3-540-58436-6 (print), 3-540-48797-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0074272/>.

**Scheiderer:1994:QTT**

- [Sch94o] Claus Scheiderer. Quotient topos of a  $G$ -topos, for  $G$  of prime order. *Lecture Notes in Mathematics*, 1588:166–172, 1994. CODEN LNMAA2. ISBN 3-540-58436-6 (print), 3-540-48797-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0074282/>.

**Scheiderer:1994:REC**

- [Sch94p] Claus Scheiderer. *Real and Étale Cohomology*, volume 1588 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1994. CODEN LNMAA2. ISBN 3-540-58436-6 (print), 3-540-48797-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). xxiv + 273 pp. LCCN QA3 .L28 no. 1588. URL <http://link.springer.com/book/10.1007/BFb0074269>; <http://www.springerlink.com/content/978-3-540-48797-5>.

**Scheiderer:1994:RSR**

- [Sch94q] Claus Scheiderer. Real spectrum and real étale site. *Lecture Notes in Mathematics*, 1588:1–8, 1994. CODEN LNMAA2. ISBN 3-540-58436-6 (print), 3-540-48797-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0074270/>.

**Scheiderer:1994:RSE**

- [Sch94r] Claus Scheiderer. Real spectrum of  $X$  and étale site of  $X[\sqrt{-1}]$ . *Lecture Notes in Mathematics*, 1588:42–55, 1994. CODEN LNMAA2. ISBN 3-540-58436-6 (print), 3-540-48797-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0074274/>.

**Scheiderer:1994:RZT**

- [Sch94s] Claus Scheiderer. Relations to the Zariski topology. *Lecture Notes in Mathematics*, 1588:212–218, 1994. CODEN LNMAA2. ISBN 3-540-58436-6 (print), 3-540-48797-2 (e-book). ISSN 0075-8434

(print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0074287/>.

**Scheiderer:1994:SRW**

- [Sch94t] Claus Scheiderer. Some reminders on Weil restrictions. *Lecture Notes in Mathematics*, 1588:30–41, 1994. CODEN LNMAA2. ISBN 3-540-58436-6 (print), 3-540-48797-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0074273/>.

**Schwartz:1994:SMB**

- [Sch94u] Laurent Schwartz. Semi-martingales banachiques: Le théorème des trois opérateurs. (French) []. *Lecture Notes in Mathematics*, 1583:1–20, 1994. CODEN LNMAA2. ISBN 3-540-58331-9 (print), 3-540-48656-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073830/>.

**Schwarz:1995:ADF**

- [Sch95a] Günter Schwarz. Analysis of differential forms. *Lecture Notes in Mathematics*, 1607:9–58, 1995. CODEN LNMAA2. ISBN 3-540-60016-7 (print), 3-540-49403-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0095980/>.

**Schwarz:1995:BVP**

- [Sch95b] Günter Schwarz. Boundary value problems for differential forms. *Lecture Notes in Mathematics*, 1607:113–145, 1995. CODEN LNMAA2. ISBN 3-540-60016-7 (print), 3-540-49403-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0095982/>.

**Schwarz:1995:HD**

- [Sch95c] Günter Schwarz. The Hodge decomposition. *Lecture Notes in Mathematics*, 1607:59–112, 1995. CODEN LNMAA2. ISBN 3-540-60016-7 (print), 3-540-49403-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0095981/>.

**Schwarz:1995:HDM**

- [Sch95d] Günter Schwarz. *Hodge Decomposition — a Method for Solving Boundary Value Problems*, volume 1607 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Ger-

- many / London, UK / etc., 1995. CODEN LNMAA2. ISBN 3-540-60016-7 (print), 3-540-49403-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). viii + 155 pp. LCCN QA3 .L28 no. 1607. URL <http://link.springer.com/book/10.1007/BFb0095978>; <http://www.springerlink.com/content/978-3-540-49403-4>.
- Schwarz:1995:I**
- [Sch95e] Günter Schwarz. Introduction. *Lecture Notes in Mathematics*, 1607:1–8, 1995. CODEN LNMAA2. ISBN 3-540-60016-7 (print), 3-540-49403-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0095979>.
- Schachermayer:1999:CPE**
- [Sch99] W. Schachermayer. On certain probabilities equivalent to Wiener measure, d'après Dubins, Feldman, Smorodinsky and Tsirelson. *Lecture Notes in Mathematics*, 1709:221–239, 1999. CODEN LNMAA2. ISBN 3-540-66342-8 (print), 3-540-48407-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096513>.
- Servatius:1990:FBE**
- [SDS90] Herman Servatius, Carl Droms, and Brigitte Servatius. The finite basis extension property and graph groups. *Lecture Notes in Mathematics*, 1440:52–58, 1990. CODEN LNMAA2. ISBN 3-540-52990-X (print), 3-540-46296-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084450>.
- Segal:1990:RFG**
- [Seg90] Dan Segal. Residually finite groups. *Lecture Notes in Mathematics*, 1456:85–95, 1990. CODEN LNMAA2. ISBN 3-540-53475-X (print), 3-540-46900-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0100732>.
- Seng:1990:SOS**
- [Sen90] Chew Tuan Seng. The superposition operators in the space of Henstock–Kurzweil integrable functions. *Lecture Notes in Mathematics*, 1419:19–24, 1990. CODEN LNMAA2. ISBN 3-540-52322-7 (print), 3-540-46955-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083096>.

**Serre:1992:AF**

- [Ser92a] Jean-Pierre Serre. Analytic functions. *Lecture Notes in Mathematics*, 1500:67–75, 1992. CODEN LNMAA2. ISBN 3-540-55008-9 (print), 3-540-70634-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-540-70634-2\\_9/](http://link.springer.com/chapter/10.1007/978-3-540-70634-2_9/).

**Serre:1992:AG**

- [Ser92b] Jean-Pierre Serre. Analytic groups. *Lecture Notes in Mathematics*, 1500:102–128, 1992. CODEN LNMAA2. ISBN 3-540-55008-9 (print), 3-540-70634-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-540-70634-2\\_11/](http://link.springer.com/chapter/10.1007/978-3-540-70634-2_11/).

**Serre:1992:AM**

- [Ser92c] Jean-Pierre Serre. Analytic manifolds. *Lecture Notes in Mathematics*, 1500:76–101, 1992. CODEN LNMAA2. ISBN 3-540-55008-9 (print), 3-540-70634-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-540-70634-2\\_10/](http://link.springer.com/chapter/10.1007/978-3-540-70634-2_10/).

**Serre:1992:BM**

- [Ser92d] Jean-Pierre Serre. Back matter. *Lecture Notes in Mathematics*, 1500:161–172, 1992. CODEN LNMAA2. ISBN 3-540-55008-9 (print), 3-540-70634-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/content/pdf/bbm:978-3-540-70634-2/1.pdf>.

**Serre:1992:CF**

- [Ser92e] Jean-Pierre Serre. Complete fields. *Lecture Notes in Mathematics*, 1500:64–66, 1992. CODEN LNMAA2. ISBN 3-540-55008-9 (print), 3-540-70634-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-540-70634-2\\_8/](http://link.springer.com/chapter/10.1007/978-3-540-70634-2_8/).

**Serre:1992:FGL**

- [Ser92f] Jean-Pierre Serre. Filtered groups and Lie algebras. *Lecture Notes in Mathematics*, 1500:6–10, 1992. CODEN LNMAA2. ISBN 3-540-55008-9 (print), 3-540-70634-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-540-70634-2\\_2/](http://link.springer.com/chapter/10.1007/978-3-540-70634-2_2/).

**Serre:1992:FLA**

- [Ser92g] Jean-Pierre Serre. Free Lie algebras. *Lecture Notes in Mathematics*, 1500:18–30, 1992. CODEN LNMAA2. ISBN 3-540-55008-9 (print), 3-540-70634-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-540-70634-2\\_4/](http://link.springer.com/chapter/10.1007/978-3-540-70634-2_4/).

**Serre:1992:FMa**

- [Ser92h] Jean-Pierre Serre. Front matter. *Lecture Notes in Mathematics*, 1500:I–VII, 1992. CODEN LNMAA2. ISBN 3-540-55008-9 (print), 3-540-70634-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/content/pdf/bfm:978-3-540-70634-2/1.pdf>.

**Serre:1992:FMb**

- [Ser92i] Jean-Pierre Serre. Front matter. *Lecture Notes in Mathematics*, 1500:1, 1992. CODEN LNMAA2. ISBN 3-540-55008-9 (print), 3-540-70634-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/content/pdf/bfm:978-3-540-70634-2/1/1.pdf>.

**Serre:1992:FMc**

- [Ser92j] Jean-Pierre Serre. Front matter. *Lecture Notes in Mathematics*, 1500:63, 1992. CODEN LNMAA2. ISBN 3-540-55008-9 (print), 3-540-70634-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/content/pdf/bfm:978-3-540-70634-2/2/1.pdf>.

**Serre:1992:LAL**

- [Ser92k] Jean-Pierre Serre, editor. *Lie Algebras and Lie Groups: 1964 Lectures given at Harvard University*, volume 1500 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1992. CODEN LNMAA2. ISBN 3-540-55008-9 (print), 3-540-70634-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3.L28 no. 1500. URL <http://link.springer.com/book/10.1007/978-3-540-70634-2>; <http://www.springerlink.com/content/978-3-540-70634-2>.

**Serre:1992:LAD**

- [Ser92l] Jean-Pierre Serre. Lie algebras: Definition and examples. *Lecture Notes in Mathematics*, 1500:2–5, 1992. CODEN LNMAA2. ISBN

3-540-55008-9 (print), 3-540-70634-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-540-70634-2\\_1/](http://link.springer.com/chapter/10.1007/978-3-540-70634-2_1/).

**Serre:1992:LT**

- [Ser92m] Jean-Pierre Serre. Lie theory. *Lecture Notes in Mathematics*, 1500:129–160, 1992. CODEN LNMAA2. ISBN 3-540-55008-9 (print), 3-540-70634-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-540-70634-2\\_12/](http://link.springer.com/chapter/10.1007/978-3-540-70634-2_12/).

**Serre:1992:NSL**

- [Ser92n] Jean-Pierre Serre. Nilpotent and solvable Lie algebras. *Lecture Notes in Mathematics*, 1500:31–43, 1992. CODEN LNMAA2. ISBN 3-540-55008-9 (print), 3-540-70634-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-540-70634-2\\_5/](http://link.springer.com/chapter/10.1007/978-3-540-70634-2_5/).

**Serre:1992:R**

- [Ser92o] Jean-Pierre Serre. Representations of  $\mathfrak{sl}_2$ . *Lecture Notes in Mathematics*, 1500:56–62, 1992. CODEN LNMAA2. ISBN 3-540-55008-9 (print), 3-540-70634-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-540-70634-2\\_7/](http://link.springer.com/chapter/10.1007/978-3-540-70634-2_7/).

**Serre:1992:SLA**

- [Ser92p] Jean-Pierre Serre. Semisimple Lie algebras. *Lecture Notes in Mathematics*, 1500:44–55, 1992. CODEN LNMAA2. ISBN 3-540-55008-9 (print), 3-540-70634-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-540-70634-2\\_6/](http://link.springer.com/chapter/10.1007/978-3-540-70634-2_6/).

**Serre:1992:UAL**

- [Ser92q] Jean-Pierre Serre. Universal algebra of a Lie algebra. *Lecture Notes in Mathematics*, 1500:11–17, 1992. CODEN LNMAA2. ISBN 3-540-55008-9 (print), 3-540-70634-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-540-70634-2\\_3/](http://link.springer.com/chapter/10.1007/978-3-540-70634-2_3/).

**Serre:1994:CGP**

- [Ser94a] Jean-Pierre Serre. Cohomologie des groupes profinis. (French) []. *Lecture Notes in Mathematics*, 5:1–79, 1994. CODEN LNMAA2. ISBN 3-540-58002-6 (print), 3-540-24927-3 (e-book).

ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0108759/>.

**Serre:1994:CGCa**

- [Ser94b] Jean-Pierre Serre. Cohomologie galoisienne — cas commutatif. (French) [Galois cohomology — commutative case]. *Lecture Notes in Mathematics*, 5:81–126, 1994. CODEN LNMAA2. ISBN 3-540-58002-6 (print), 3-540-24927-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0108760/>.

**Serre:1994:CGF**

- [Ser94c] Jean-Pierre Serre. *Cohomologie Galoisiennne. (French) [Galois cohomology]*, volume 5 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., fifth revised and supplemented edition, 1994. CODEN LNMAA2. ISBN 3-540-58002-6 (print), 3-540-24927-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). x + 181 pp. LCCN QA3 .L28 no. 5. URL <http://link.springer.com/book/10.1007/BFb0108758>; <http://www.springerlink.com/content/978-3-540-24927-6>.

**Serre:1994:CGN**

- [Ser94d] Jean-Pierre Serre. Cohomologie galoisienne non commutative. (French) [Noncommutative Galois cohomology]. *Lecture Notes in Mathematics*, 5:127–170, 1994. CODEN LNMAA2. ISBN 3-540-58002-6 (print), 3-540-24927-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0108761/>.

**Serre:1997:ALM**

- [SG97] Jean-Pierre Serre and Peter Gabriel, editors. *Algèbre locale, multiplicités; cours au Collège de France, 1957–1958. (French) [Local algebra, multiplicities; courses at the Collège of France, 1957–1958]*, volume 11 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1997. CODEN LNMAA2. ISBN 3-540-07028-1 (Berlin), 0-387-07028-1 (New York). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 11. URL <http://link.springer.com/book/10.1007/BFb0087610>.

**Shekhtman:1993:DPL**

- [She93] Boris Shekhtman. Duality principle in linearized rational approximation. *Lecture Notes in Mathematics*, 1550:173–177, 1993. CODEN LNMAA2. ISBN 3-540-56931-6 (print), 3-540-47792-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0117485/>.

**Shiota:1990:PLS**

- [Shi90] Masahiro Shiota. Piecewise linearization of subanalytic functions II. *Lecture Notes in Mathematics*, 1420:247–307, 1990. CODEN LNMAA2. ISBN 3-540-52313-8 (print), 3-540-46952-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083925/>.

**Shiga:1991:HSB**

- [Shi91a] Hiroshige Shiga. Hardy spaces and BMO on Riemann surfaces. *Lecture Notes in Mathematics*, 1468:84–93, 1991. CODEN LNMAA2. ISBN 3-540-54053-9 (print), 3-540-47370-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086188/>.

**Shioda:1991:MWL**

- [Shi91b] Tetsuji Shioda. Mordell–Weil lattices of type  $E_8$  and deformation of singularities. *Lecture Notes in Mathematics*, 1468:177–202, 1991. CODEN LNMAA2. ISBN 3-540-54053-9 (print), 3-540-47370-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086194/>.

**Shi:1994:LBW**

- [Shi94] Z. Shi. Liminf behaviours of the windings and Lévy’s stochastic areas of planar Brownian motion. *Lecture Notes in Mathematics*, 1583:122–137, 1994. CODEN LNMAA2. ISBN 3-540-58331-9 (print), 3-540-48656-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073841/>.

**Shi:1996:HLD**

- [Shi96] Zhan Shi. How long does it take a transient Bessel process to reach its future infimum? *Lecture Notes in Mathematics*, 1626:207–217, 1996. CODEN LNMAA2. ISBN 3-540-61336-6 (print),

3-540-68463-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094649/>.

**Shkolnik:1993:SPM**

- [Shk93] S. M. Shkol'nik. Some properties of the median of the stable distributions close to the symmetric ones. *Lecture Notes in Mathematics*, 1546:170–173, 1993. CODEN LNMAA2. ISBN 3-540-56744-5 (print), 3-540-47645-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084493/>.

**Shokranian:1992:AT**

- [Sho92a] Salahoddin Shokranian. The Adèlic theory. *Lecture Notes in Mathematics*, 1503:41–44, 1992. CODEN LNMAA2. ISBN 3-540-55021-6 (print), 3-540-46659-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092309/>.

**Shokranian:1992:GET**

- [Sho92b] Salahoddin Shokranian. The geometric expansion of the trace formula. *Lecture Notes in Mathematics*, 1503:60–68, 1992. CODEN LNMAA2. ISBN 3-540-55021-6 (print), 3-540-46659-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092311/>.

**Shokranian:1992:GT**

- [Sho92c] Salahoddin Shokranian. The geometric theory. *Lecture Notes in Mathematics*, 1503:45–59, 1992. CODEN LNMAA2. ISBN 3-540-55021-6 (print), 3-540-46659-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092310/>.

**Shokranian:1992:ITF**

- [Sho92d] Salahoddin Shokranian. The invariant trace formula and its applications. *Lecture Notes in Mathematics*, 1503:79–86, 1992. CODEN LNMAA2. ISBN 3-540-55021-6 (print), 3-540-46659-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092313/>.

**Shokranian:1992:KFC**

- [Sho92e] Salahoddin Shokranian. Kernel functions and the convergence theorem. *Lecture Notes in Mathematics*, 1503:24–40, 1992. CO-

DEN LNMAA2. ISBN 3-540-55021-6 (print), 3-540-46659-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092308/>.

**Shokranian:1992:NTA**

- [Sho92f] Salahoddin Shokranian. Number theory and automorphic representations. *Lecture Notes in Mathematics*, 1503:1–10, 1992. CODEN LNMAA2. ISBN 3-540-55021-6 (print), 3-540-46659-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092306/>.

**Shokranian:1992:SAT**

- [Sho92g] Salahoddin Shokranian. *The Selberg–Arthur Trace Formula: Based on Lectures by James Arthur*, volume 1503 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1992. CODEN LNMAA2. ISBN 3-540-55021-6 (print), 3-540-46659-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). viii + 97 pp. LCCN QA3 .L28 no. 1503. URL <http://link.springer.com/book/10.1007/BFb0092305>; <http://www.springerlink.com/content/978-3-540-46659-8>.

**Shokranian:1992:STF**

- [Sho92h] Salahoddin Shokranian. Selberg’s trace formula. *Lecture Notes in Mathematics*, 1503:11–23, 1992. CODEN LNMAA2. ISBN 3-540-55021-6 (print), 3-540-46659-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092307/>.

**Shokranian:1992:ST**

- [Sho92i] Salahoddin Shokranian. The spectral theory. *Lecture Notes in Mathematics*, 1503:69–78, 1992. CODEN LNMAA2. ISBN 3-540-55021-6 (print), 3-540-46659-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092312/>.

**Short:1992:BT**

- [Sho92j] Mark W. Short. Background theory. *Lecture Notes in Mathematics*, 1519:10–42, 1992. CODEN LNMAA2. ISBN 3-540-55501-3 (print), 3-540-47120-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0090197/>.

**Short:1992:C**

- [Sho92k] Mark W. Short. Conclusion. *Lecture Notes in Mathematics*, 1519:114–120, 1992. CODEN LNMAA2. ISBN 3-540-55501-3 (print), 3-540-47120-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0090205/>.

**Short:1992:ISSa**

- [Sho92l] Mark W. Short. The imprimitive soluble subgroups of  $\mathrm{GL}(2, p^k)$ . *Lecture Notes in Mathematics*, 1519:43–54, 1992. CODEN LNMAA2. ISBN 3-540-55501-3 (print), 3-540-47120-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0090198/>.

**Short:1992:ISSc**

- [Sho92m] Mark W. Short. The imprimitive soluble subgroups of  $\mathrm{GL}(4, 2)$  and  $\mathrm{GL}(4, 3)$ . *Lecture Notes in Mathematics*, 1519:84–92, 1992. CODEN LNMAA2. ISBN 3-540-55501-3 (print), 3-540-47120-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0090202/>.

**Short:1992:I**

- [Sho92n] Mark W. Short. Introduction. *Lecture Notes in Mathematics*, 1519:1–9, 1992. CODEN LNMAA2. ISBN 3-540-55501-3 (print), 3-540-47120-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0090196/>.

**Short:1992:ISSb**

- [Sho92o] Mark W. Short. The irreducible soluble subgroups of  $\mathrm{GL}(2, p^k)$ . *Lecture Notes in Mathematics*, 1519:62–74, 1992. CODEN LNMAA2. ISBN 3-540-55501-3 (print), 3-540-47120-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0090200/>.

**Short:1992:ISSd**

- [Sho92p] Mark W. Short. The irreducible soluble subgroups of  $\mathrm{GL}(6, 2)$ . *Lecture Notes in Mathematics*, 1519:108–113, 1992. CODEN LNMAA2. ISBN 3-540-55501-3 (print), 3-540-47120-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0090204/>.

**Short:1992:NSC**

- [Sho92q] Mark W. Short. The normaliser of a Singer cycle of prime degree. *Lecture Notes in Mathematics*, 1519:55–61, 1992. CODEN LNMAA2. ISBN 3-540-55501-3 (print), 3-540-47120-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0090199/>.

**Short:1992:PSPa**

- [Sho92r] Mark W. Short. The primitive soluble permutation groups of degree less than 256. *Lecture Notes in Mathematics*, 1519:146, 1992. CODEN LNMAA2. ISBN 3-540-55501-3 (print), 3-540-47120-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0120507>.

**Short:1992:PSPb**

- [Sho92s] Mark W. Short. *The Primitive Soluble Permutation Groups of Degree less than 256*, volume 1519 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1992. CODEN LNMAA2. ISBN 3-540-55501-3 (print), 3-540-47120-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). x + 145 pp. LCCN QA3 .L28 no. 1519. URL <http://link.springer.com/book/10.1007/BFb0090195>; <http://www.springerlink.com/content/978-3-540-47120-2>.

**Short:1992:PSS**

- [Sho92t] Mark W. Short. The primitive soluble subgroups of  $\mathrm{GL}(4, p^k)$ . *Lecture Notes in Mathematics*, 1519:93–107, 1992. CODEN LNMAA2. ISBN 3-540-55501-3 (print), 3-540-47120-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/BFb0090203/](http://link.springer.com/chapter/10.1007/BFb0090203).

**Short:1992:SIS**

- [Sho92u] Mark W. Short. Some irreducible soluble subgroups of  $\mathrm{GL}(q, p^k)$ ,  $q > 2$ . *Lecture Notes in Mathematics*, 1519:75–83, 1992. CODEN LNMAA2. ISBN 3-540-55501-3 (print), 3-540-47120-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/BFb0090201/](http://link.springer.com/chapter/10.1007/BFb0090201).

**Shpilrain:1990:CFC**

- [Shp90] V. E. Shpilrain. On the centers of free central extensions of some groups. *Lecture Notes in Mathematics*, 1456:181–184, 1990.

CODEN LNMAA2. ISBN 3-540-53475-X (print), 3-540-46900-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0100739/>.

Shustin:1992:TRP

- [Shu92] E. I. Shustin. Topology of real plane algebraic curves. *Lecture Notes in Mathematics*, 1524:97–109, 1992. CODEN LNMAA2. ISBN 3-540-55992-2 (print), 3-540-47337-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084610/>.

Shu:1998:BM

- [Shu98a] Chi-Wang Shu. Back matter. *Lecture Notes in Mathematics*, 1697:??, 1998. CODEN LNMAA2. ISBN 3-540-64977-8 (print), 3-540-49804-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/content/pdf/bbm:978-3-540-49804-9/1.pdf>.

Shu:1998:ENO

- [Shu98b] Chi-Wang Shu. Essentially non-oscillatory and weighted essentially non-oscillatory schemes for hyperbolic conservation laws. *Lecture Notes in Mathematics*, 1697:325–432, 1998. CODEN LNMAA2. ISBN 3-540-64977-8 (print), 3-540-49804-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096355/>.

Siddiqi:1992:MIL

- [Sid92] Jamil A. Siddiqi. Maximal ideals in local Carleman algebras. *Lecture Notes in Mathematics*, 1511:91–99, 1992. CODEN LNMAA2. ISBN 3-540-55365-7 (print), 3-540-47041-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093801/>.

Siersma:1991:VCS

- [Sie91] Dirk Siersma. Vanishing cycles and special fibres. *Lecture Notes in Mathematics*, 1462:292–301, 1991. CODEN LNMAA2. ISBN 3-540-53737-6 (print), 3-540-47060-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086389/>.

Silhol:1990:CBS

- [Sil90] R. Silhol. Classification birationnelle des surfaces rationnelles réelles. *Lecture Notes in Mathematics*, 1420:308–324, 1990. CO-

DEN LNMAA2. ISBN 3-540-52313-8 (print), 3-540-46952-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083926/>.

**Silhol:1992:MPR**

- [Sil92] R. Silhol. Moduli problems in real algebraic geometry. *Lecture Notes in Mathematics*, 1524:110–119, 1992. CODEN LNMAA2. ISBN 3-540-55992-2 (print), 3-540-47337-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084611/>.

**Simis:1990:TRA**

- [Sim90] Aron Simis. Topics in Rees algebras of special ideals. *Lecture Notes in Mathematics*, 1430:98–114, 1990. CODEN LNMAA2. ISBN 3-540-52745-1 (print), 3-540-47136-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085539/>.

**Simpson:1991:ABM**

- [Sim91a] Carlos Simpson. *Asymptotic Behavior of Monodromy: Singularly Perturbed Differential Equations on a Riemann Surface*, volume 1502 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1991. CODEN LNMAA2. ISBN 3-540-55009-7 (print), 3-540-46641-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). iv + 139 pp. LCCN QA3.L28 no. 1502. URL <http://link.springer.com/book/10.1007/BFb0094551>; <http://www.springerlink.com/content/978-3-540-46641-3>.

**Simpson:1991:BM**

- [Sim91b] Carlos Simpson. Bounds on multiplicities. *Lecture Notes in Mathematics*, 1502:93–100, 1991. CODEN LNMAA2. ISBN 3-540-55009-7 (print), 3-540-46641-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094561/>.

**Simpson:1991:CE**

- [Sim91c] Carlos Simpson. Complements and examples. *Lecture Notes in Mathematics*, 1502:111–126, 1991. CODEN LNMAA2. ISBN 3-540-55009-7 (print), 3-540-46641-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094563/>.

**Simpson:1991:CF**

- [Sim91d] Carlos Simpson. Construction of flows. *Lecture Notes in Mathematics*, 1502:31–40, 1991. CODEN LNMAA2. ISBN 3-540-55009-7 (print), 3-540-46641-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094555/>.

**Simpson:1991:FL**

- [Sim91e] Carlos Simpson. Finiteness lemmas. *Lecture Notes in Mathematics*, 1502:60–67, 1991. CODEN LNMAA2. ISBN 3-540-55009-7 (print), 3-540-46641-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094558/>.

**Simpson:1991:I**

- [Sim91f] Carlos Simpson. Introduction. *Lecture Notes in Mathematics*, 1502:1–11, 1991. CODEN LNMAA2. ISBN 3-540-55009-7 (print), 3-540-46641-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094552/>.

**Simpson:1991:LTA**

- [Sim91g] Carlos Simpson. Laplace transform, asymptotic expansions, and the method of stationary phase. *Lecture Notes in Mathematics*, 1502:17–30, 1991. CODEN LNMAA2. ISBN 3-540-55009-7 (print), 3-540-46641-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094554/>.

**Simpson:1991:ML**

- [Sim91h] Carlos Simpson. The main lemma. *Lecture Notes in Mathematics*, 1502:54–59, 1991. CODEN LNMAA2. ISBN 3-540-55009-7 (print), 3-540-46641-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094557/>.

**Simpson:1991:MRH**

- [Sim91i] Carlos Simpson. Moving relative homology chains. *Lecture Notes in Mathematics*, 1502:41–53, 1991. CODEN LNMAA2. ISBN 3-540-55009-7 (print), 3-540-46641-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094556/>.

**Simpson:1991:MCI**

- [Sim91j] Carlos Simpson. Moving the cycle of integration. *Lecture Notes in Mathematics*, 1502:84–92, 1991. CODEN LNMAA2. ISBN 3-540-55009-7 (print), 3-540-46641-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094560/>.

**Simpson:1991:ODE**

- [Sim91k] Carlos Simpson. Ordinary differential equations on a Riemann surface. *Lecture Notes in Mathematics*, 1502:12–16, 1991. CODEN LNMAA2. ISBN 3-540-55009-7 (print), 3-540-46641-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094553/>.

**Simpson:1991:RIT**

- [Sim91l] Carlos Simpson. Regularity of individual terms. *Lecture Notes in Mathematics*, 1502:101–110, 1991. CODEN LNMAA2. ISBN 3-540-55009-7 (print), 3-540-46641-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094562/>.

**Simpson:1991:SC**

- [Sim91m] Carlos Simpson. Sizes of cells. *Lecture Notes in Mathematics*, 1502:68–83, 1991. CODEN LNMAA2. ISBN 3-540-55009-7 (print), 3-540-46641-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094559/>.

**Simpson:1991:SLP**

- [Sim91n] Carlos Simpson. The Sturm–Liouville problem. *Lecture Notes in Mathematics*, 1502:127–134, 1991. CODEN LNMAA2. ISBN 3-540-55009-7 (print), 3-540-46641-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094564/>.

**Simons:1998:DCA**

- [Sim98a] Stephen Simons. A digression into convex analysis. *Lecture Notes in Mathematics*, 1693:43–51, 1998. CODEN LNMAA2. ISBN 3-540-64755-4 (print), 3-540-68931-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093637/>.

**Simons:1998:DPL**

- [Sim98b] Stephen Simons. Discontinuous positive linear operators. *Lecture Notes in Mathematics*, 1693:141–151, 1998. CODEN LNMAA2. ISBN 3-540-64755-4 (print), 3-540-68931-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093642/>.

**Simons:1998:FAP**

- [Sim98c] Stephen Simons. Functional analytic preliminaries. *Lecture Notes in Mathematics*, 1693:13–28, 1998. CODEN LNMAA2. ISBN 3-540-64755-4 (print), 3-540-68931-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093635/>.

**Simons:1998:GMM**

- [Sim98d] Stephen Simons. General monotone multifunctions. *Lecture Notes in Mathematics*, 1693:53–73, 1998. CODEN LNMAA2. ISBN 3-540-64755-4 (print), 3-540-68931-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093638/>.

**Simons:1998:I**

- [Sim98e] Stephen Simons. Introduction. *Lecture Notes in Mathematics*, 1693:1–11, 1998. CODEN LNMAA2. ISBN 3-540-64755-4 (print), 3-540-68931-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093634/>.

**Simons:1998:MM**

- [Sim98f] Stephen Simons. *Minimax and Monotonicity*, volume 1693 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1998. CODEN LNMAA2. ISBN 3-540-64755-4 (print), 3-540-68931-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). xii + 172 pp. LCCN QA3 .L28 no. 1693. URL <http://link.springer.com/book/10.1007/BFb0093633>; <http://www.springerlink.com/content/978-3-540-68931-7>.

**Simons:1998:M**

- [Sim98g] Stephen Simons. Multifunctions. *Lecture Notes in Mathematics*, 1693:29–41, 1998. CODEN LNMAA2. ISBN 3-540-64755-4

(print), 3-540-68931-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093636/>.

Simons:1998:OP

- [Sim98h] Stephen Simons. Open problems. *Lecture Notes in Mathematics*, 1693:163–164, 1998. CODEN LNMAA2. ISBN 3-540-64755-4 (print), 3-540-68931-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093644>.

Simons:1998:SMM

- [Sim98i] Stephen Simons. Special maximal monotone multifunctions. *Lecture Notes in Mathematics*, 1693:97–109, 1998. CODEN LNMAA2. ISBN 3-540-64755-4 (print), 3-540-68931-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/BFb0093640/](http://link.springer.com/chapter/10.1007/BFb0093640).

Simons:1998:S

- [Sim98j] Stephen Simons. Subdifferentials. *Lecture Notes in Mathematics*, 1693:111–139, 1998. CODEN LNMAA2. ISBN 3-540-64755-4 (print), 3-540-68931-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/BFb0093641/](http://link.springer.com/chapter/10.1007/BFb0093641).

Simons:1998:SPG

- [Sim98k] Stephen Simons. The sum problem for general Banach spaces. *Lecture Notes in Mathematics*, 1693:153–161, 1998. CODEN LNMAA2. ISBN 3-540-64755-4 (print), 3-540-68931-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/BFb0093643/](http://link.springer.com/chapter/10.1007/BFb0093643).

Simons:1998:SPR

- [Sim98l] Stephen Simons. The sum problem for reflexive spaces. *Lecture Notes in Mathematics*, 1693:75–95, 1998. CODEN LNMAA2. ISBN 3-540-64755-4 (print), 3-540-68931-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/BFb0093639/](http://link.springer.com/chapter/10.1007/BFb0093639).

Sinai:1991:MPT

- [Sin91] Ya. G. Sinai. Mathematical problems in the theory of quantum chaos. *Lecture Notes in Mathematics*, 1469:41–59, 1991. CODEN LNMAA2. ISBN 3-540-54024-5 (print), 3-540-47355-6 (e-book).

ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0089214/>.

**Singh:1992:CFT**

- [Sin92] U. N. Singh. The Carleman–Fourier transform and its applications. *Lecture Notes in Mathematics*, 1511:181–214, 1992. CODEN LNMAA2. ISBN 3-540-55365-7 (print), 3-540-47041-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093811/>.

**Sipos:1992:PSF**

- [Šip92] Ján Šipoš. Peculiar submeasures on finite algebras. *Lecture Notes in Mathematics*, 1514:192–197, 1992. CODEN LNMAA2. ISBN 3-540-55444-0 (print), 3-540-47076-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0097539/>.

**Siu:1991:GNC**

- [Siu91] Yum-Tong Siu. Global nondeformability of the complex projective space. *Lecture Notes in Mathematics*, 1468:254–280, 1991. CODEN LNMAA2. ISBN 3-540-54053-9 (print), 3-540-47370-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086197/>.

**Sjöstrand:1991:MAP**

- [Sjö91] Johannes Sjöstrand. Microlocal analysis for the periodic magnetic Schrödinger equation and related questions. *Lecture Notes in Mathematics*, 1495:237–332, 1991. CODEN LNMAA2. ISBN 3-540-54948-X (print), 3-540-46603-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085125/>.

**Skorobogatov:1992:LCS**

- [Sko92] Alexei N. Skorobogatov. Linear codes, strata of grassmannians, and the problems of Segre. *Lecture Notes in Mathematics*, 1518: 210–223, 1992. CODEN LNMAA2. ISBN 3-540-55651-6 (print), 3-540-47267-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0088004/>.

**Skvortsov:1990:SPD**

- [Skv90] V. A. Skvortsov. Some properties of dyadic primitives. *Lecture Notes in Mathematics*, 1419:167–179, 1990. CODEN LN-

MAA2. ISBN 3-540-52322-7 (print), 3-540-46955-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083107/>.

**Slominska:1991:HCC**

- [Sło91] Jolanta Śłominska. Homotopy colimits on  $E$ - $I$ -categories. *Lecture Notes in Mathematics*, 1474:273–294, 1991. CODEN LN-MAA2. ISBN 3-540-54098-9 (print), 3-540-47403-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084752/>.

**Schwartz:1999:ARA**

- [SM99a] Niels Schwartz and James J. Madden. Arities of reflectors and approximations by  $H$ -closed reflectors. *Lecture Notes in Mathematics*, 1712:161–166, 1999. CODEN LNMAA2. ISBN 3-540-66460-2 (print), 3-540-48284-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093982/>.

**Schwartz:1999:CRA**

- [SM99b] Niels Schwartz and James J. Madden. Comparing reflectors. *Lecture Notes in Mathematics*, 1712:79–92, 1999. CODEN LN-MAA2. ISBN 3-540-66460-2 (print), 3-540-48284-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093977/>.

**Schwartz:1999:CRb**

- [SM99c] Niels Schwartz and James J. Madden. Constructing reflectors. *Lecture Notes in Mathematics*, 1712:93–105, 1999. CODEN LN-MAA2. ISBN 3-540-66460-2 (print), 3-540-48284-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093978/>.

**Schwartz:1999:EER**

- [SM99d] Niels Schwartz and James J. Madden. Epimorphic extensions of reduced porings. *Lecture Notes in Mathematics*, 1712:167–181, 1999. CODEN LNMAA2. ISBN 3-540-66460-2 (print), 3-540-48284-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093983/>.

**Schwartz:1999:ERP**

- [SM99e] Niels Schwartz and James J. Madden. Epimorphisms of reduced porings. *Lecture Notes in Mathematics*, 1712:51–53, 1999. CODEN LNMAA2. ISBN 3-540-66460-2 (print), 3-540-48284-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093974/>.

**Schwartz:1999:EM**

- [SM99f] Niels Schwartz and James J. Madden. Essential monoreflectors. *Lecture Notes in Mathematics*, 1712:183–188, 1999. CODEN LNMAA2. ISBN 3-540-66460-2 (print), 3-540-48284-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093984/>.

**Schwartz:1999:FRP**

- [SM99g] Niels Schwartz and James J. Madden. Functions and representable porings. *Lecture Notes in Mathematics*, 1712:55–61, 1999. CODEN LNMAA2. ISBN 3-540-66460-2 (print), 3-540-48284-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093975/>.

**Schwartz:1999:CE**

- [SM99h] Niels Schwartz and James J. Madden.  $H$ -closed epireflectors. *Lecture Notes in Mathematics*, 1712:107–123, 1999. CODEN LNMAA2. ISBN 3-540-66460-2 (print), 3-540-48284-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093979/>.

**Schwartz:1999:I**

- [SM99i] Niels Schwartz and James J. Madden. Introduction. *Lecture Notes in Mathematics*, 1712:1–19, 1999. CODEN LNMAA2. ISBN 3-540-66460-2 (print), 3-540-48284-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093969/>.

**Schwartz:1999:PPO**

- [SM99j] Niels Schwartz and James J. Madden. Preordered and partially ordered rings. *Lecture Notes in Mathematics*, 1712:21–33, 1999. CODEN LNMAA2. ISBN 3-540-66460-2 (print), 3-540-48284-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093970/>.

**Schwartz:1999:QCR**

- [SM99k] Niels Schwartz and James J. Madden. Quotient-closed reflectors. *Lecture Notes in Mathematics*, 1712:125–132, 1999. CODEN LNMAA2. ISBN 3-540-66460-2 (print), 3-540-48284-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093980/>.

**Schwartz:1999:RCR**

- [SM99l] Niels Schwartz and James J. Madden. The real closure reflector. *Lecture Notes in Mathematics*, 1712:133–160, 1999. CODEN LNMAA2. ISBN 3-540-66460-2 (print), 3-540-48284-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093981/>.

**Schwartz:1999:RSP**

- [SM99m] Niels Schwartz and James J. Madden. Real spectra of preordered rings. *Lecture Notes in Mathematics*, 1712:45–49, 1999. CODEN LNMAA2. ISBN 3-540-66460-2 (print), 3-540-48284-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093973/>.

**Schwartz:1999:RR**

- [SM99n] Niels Schwartz and James J. Madden. Reduced  $f$ -rings. *Lecture Notes in Mathematics*, 1712:217–227, 1999. CODEN LNMAA2. ISBN 3-540-66460-2 (print), 3-540-48284-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093988/>.

**Schwartz:1999:RTO**

- [SM99o] Niels Schwartz and James J. Madden. Reflections of totally ordered fields. *Lecture Notes in Mathematics*, 1712:189–199, 1999. CODEN LNMAA2. ISBN 3-540-66460-2 (print), 3-540-48284-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093985/>.

**Schwartz:1999:RS**

- [SM99p] Niels Schwartz and James J. Madden. Reflective subcategories. *Lecture Notes in Mathematics*, 1712:35–42, 1999. CODEN LNMAA2. ISBN 3-540-66460-2 (print), 3-540-48284-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093971/>.

**Schwartz:1999:SAFb**

- [SM99q] Niels Schwartz and James J. Madden. *Semi-algebraic Function Rings and Reflectors of Partially Ordered Rings*, volume 1712 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1999. CODEN LNMAA2. ISBN 3-540-66460-2 (print), 3-540-48284-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). xii + 279 pp. LCCN QA3 .L28 no. 1712. URL <http://link.springer.com/book/10.1007/BFb0093968>; <http://www.springerlink.com/content/978-3-540-48284-0>.

**Schwartz:1999:SAFa**

- [SM99r] Niels Schwartz and James J. Madden. Semi-algebraic functions. *Lecture Notes in Mathematics*, 1712:63–77, 1999. CODEN LNMAA2. ISBN 3-540-66460-2 (print), 3-540-48284-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093976>.

**Schwartz:1999:TOR**

- [SM99s] Niels Schwartz and James J. Madden. Totally ordered and real closed fields. *Lecture Notes in Mathematics*, 1712:43–44, 1999. CODEN LNMAA2. ISBN 3-540-66460-2 (print), 3-540-48284-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093972>.

**Schwartz:1999:TOD**

- [SM99t] Niels Schwartz and James J. Madden. Totally ordered domains. *Lecture Notes in Mathematics*, 1712:209–215, 1999. CODEN LNMAA2. ISBN 3-540-66460-2 (print), 3-540-48284-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093987>.

**Schwartz:1999:NRR**

- [SM99u] Niels Schwartz and James J. Madden. von Neumann regular  $f$ -rings. *Lecture Notes in Mathematics*, 1712:201–208, 1999. CODEN LNMAA2. ISBN 3-540-66460-2 (print), 3-540-48284-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093986>.

**Smale:1992:TC**

- [Sma92] Stephen Smale. Theory of computation. *Lecture Notes in Mathematics*, 1525:59–69, 1992. CODEN LNMAA2. ISBN 3-540-56011-

4 (print), 3-540-47341-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0089205/>.

**Smith:1990:CMW**

- [Smi90] Patrick F. Smith. Cs-modules and weak cs-modules. *Lecture Notes in Mathematics*, 1448:99–115, 1990. CODEN LNMAA2. ISBN 3-540-53164-5 (print), 3-540-46745-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0091255/>.

**Smith:1999:BM**

- [Smi99a] H. L. Smith. Back matter. *Lecture Notes in Mathematics*, 1714:??, 1999. CODEN LNMAA2. ISBN 3-540-66522-6 (print), 3-540-48170-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/content/pdf/bbm:978-3-540-48170-6/1.pdf>.

**Smith:1999:DC**

- [Smi99b] H. L. Smith. Dynamics of competition. *Lecture Notes in Mathematics*, 1714:191–240, 1999. CODEN LNMAA2. ISBN 3-540-66522-6 (print), 3-540-48170-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092378/>.

**Schinzel:1990:LZP**

- [SN90] A. Schinzel and J. L. Nicolas. Localisation des zéros de polynômes intervenant en théorie du signal. (French) []. *Lecture Notes in Mathematics*, 1415:167–179, 1990. CODEN LNMAA2. ISBN 3-540-52190-9 (print), 3-540-46919-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084886/>.

**Snaith:1992:AGC**

- [Sna92] Victor Snaith. Applications of group cohomology to bilinear forms. *Lecture Notes in Mathematics*, 1491:133–164, 1992. CODEN LNMAA2. ISBN 3-540-55007-0 (print), 3-540-46639-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0088881/>.

**Sone:1991:ECR**

- [SOA91] Yoshio Sone, Taku Ohwada, and Kazuo Aoki. Evaporation and condensation of a rarefied gas between its two parallel

plane condensed phases with different temperatures and negative temperature-gradient phenomenon — numerical analysis of the Boltzmann equation for hard-sphere molecules. *Lecture Notes in Mathematics*, 1460:186–202, 1991. CODEN LNMAA2. ISBN 3-540-53545-4 (print), 3-540-46779-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0091368/>.

Soardi:1994:CPF

- [Soa94a] Paolo M. Soardi. Currents and potentials with finite energy. *Lecture Notes in Mathematics*, 1590:32–71, 1994. CODEN LNMAA2. ISBN 3-540-58448-X (print), 3-540-48798-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073998/>.

Soardi:1994:FN

- [Soa94b] Paolo M. Soardi. Finite networks. *Lecture Notes in Mathematics*, 1590:22–31, 1994. CODEN LNMAA2. ISBN 3-540-58448-X (print), 3-540-48798-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073997/>.

Soardi:1994:KL

- [Soa94c] Paolo M. Soardi. Kirchhoff's laws. *Lecture Notes in Mathematics*, 1590:1–21, 1994. CODEN LNMAA2. ISBN 3-540-58448-X (print), 3-540-48798-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073996/>.

Soardi:1994:PTI

- [Soa94d] Paolo M. Soardi. *Potential Theory on Infinite Networks*, volume 1590 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1994. CODEN LNMAA2. ISBN 3-540-58448-X (print), 3-540-48798-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). viii + 187 pp. LCCN QA3 .L28 no. 1590. URL <http://link.springer.com/book/10.1007/BFb0073995>; <http://www.springerlink.com/content/978-3-540-48798-2>.

Soardi:1994:RI

- [Soa94e] Paolo M. Soardi. Rough isometries. *Lecture Notes in Mathematics*, 1590:160–172, 1994. CODEN LNMAA2. ISBN 3-540-58448-X

(print), 3-540-48798-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0074002/>.

**Soardi:1994:RC**

- [Soa94f] Paolo M. Soardi. Royden's compactification. *Lecture Notes in Mathematics*, 1590:131–159, 1994. CODEN LNMAA2. ISBN 3-540-58448-X (print), 3-540-48798-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0074001/>.

**Soardi:1994:SEC**

- [Soa94g] Paolo M. Soardi. Some examples and computations. *Lecture Notes in Mathematics*, 1590:100–130, 1994. CODEN LNMAA2. ISBN 3-540-58448-X (print), 3-540-48798-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0074000/>.

**Soardi:1994:URT**

- [Soa94h] Paolo M. Soardi. Uniqueness and related topics. *Lecture Notes in Mathematics*, 1590:72–99, 1994. CODEN LNMAA2. ISBN 3-540-58448-X (print), 3-540-48798-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073999/>.

**Sobolev:1990:NIM**

- [Sob90] V. A. Sobolev. Nonlocal integral manifolds and decoupling of nonlinear parabolic systems. *Lecture Notes in Mathematics*, 1453: 101–108, 1990. CODEN LNMAA2. ISBN 3-540-53407-5 (print), 3-540-46861-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085949/>.

**Socolowsky:1992:FBP**

- [Soc92] Jürgen Socolowsky. On a free boundary problem for the stationary Navier–Stokes equations with a dynamic contact line. *Lecture Notes in Mathematics*, 1530:17–29, 1992. CODEN LNMAA2. ISBN 3-540-56261-3 (print), 3-540-47498-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0090331/>.

**Songling:1990:FCB**

- [Son90] Shi Songling. On the finiteness of certain boundary cycles for  $N$  th degree polynomial vector fields. *Lecture Notes in Mathematics*, 1455:369–372, 1990. CODEN LNMAA2. ISBN 3-540-53509-8 (print), 3-540-46722-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085401/>.

**Soner:1997:CMP**

- [Son97] Halil Mete Soner. Controlled Markov processes, viscosity solutions and applications to mathematical finance. *Lecture Notes in Mathematics*, 1660:134–185, 1997. CODEN LNMAA2. ISBN 3-540-62910-6 (print), 3-540-69043-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094297/>.

**Soule:1992:ATI**

- [Sou92] Christophe Soulé. Algebraic  $K$ -theory of the integers. *Lecture Notes in Mathematics*, 1491:100–132, 1992. CODEN LNMAA2. ISBN 3-540-55007-0 (print), 3-540-46639-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0088880/>.

**Souganidis:1997:BM**

- [Sou97a] Panagiotis E. Souganidis. Back matter. *Lecture Notes in Mathematics*, 1660:??, 1997. CODEN LNMAA2. ISBN 3-540-62910-6 (print), 3-540-69043-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/content/pdf/bbm:978-3-540-69043-6/1.pdf>.

**Souganidis:1997:FPT**

- [Sou97b] Panagiotis E. Souganidis. Front propagation: Theory and applications. *Lecture Notes in Mathematics*, 1660:186–242, 1997. CODEN LNMAA2. ISBN 3-540-62910-6 (print), 3-540-69043-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094298/>.

**Spencer:1993:NLR**

- [Spe93] Joel Spencer. Nine lectures on random graphs. *Lecture Notes in Mathematics*, 1541:293–347, 1993. CODEN LNMAA2. ISBN 3-540-56622-8 (print), 3-540-47608-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084192/>.

**Spiga:1991:RSE**

- [Spi91] Giampiero Spiga. Rigorous solution to the extended kinetic equations for homogeneous gas mixtures. *Lecture Notes in Mathematics*, 1460:203–221, 1991. CODEN LNMAA2. ISBN 3-540-53545-4 (print), 3-540-46779-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0091369/>.

**Spreen:1990:CET**

- [Spr90] Dieter Spreen. A characterization of effective topological spaces. *Lecture Notes in Mathematics*, 1432:363–387, 1990. CODEN LNMAA2. ISBN 3-540-52772-9 (print), 3-540-47142-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086126/>.

**Sprindzuk:1993:AF**

- [Spr93a] Vladimir G. Sprindžuk. Algebraic foundations. *Lecture Notes in Mathematics*, 1559:14–29, 1993. CODEN LNMAA2. ISBN 3-540-57359-3 (print), 3-540-48083-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073788/>.

**Sprindzuk:1993:CNV**

- [Spr93b] Vladimir G. Sprindžuk. The class number value problem. *Lecture Notes in Mathematics*, 1559:155–187, 1993. CODEN LNMAA2. ISBN 3-540-57359-3 (print), 3-540-48083-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073794/>.

**Sprindzuk:1993:CDE**

- [Spr93c] Vladimir G. Sprindžuk. *Classical Diophantine Equations*, volume 1559 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1993. CODEN LNMAA2. ISBN 3-540-57359-3 (print), 3-540-48083-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). xii + 228 pp. LCCN QA3 .L28 no. 1559. URL <http://link.springer.com/book/10.1007/BFb0073786>; <http://www.springerlink.com/content/978-3-540-48083-9>.

**Sprindzuk:1993:EHE**

- [Spr93d] Vladimir G. Sprindžuk. Elliptic and hyperelliptic equations. *Lecture Notes in Mathematics*, 1559:111–137, 1993. CODEN LNMAA2. ISBN 3-540-57359-3 (print), 3-540-48083-8 (e-book).

ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073792/>.

**Sprindzuk:1993:EHT**

- [Spr93e] Vladimir G. Sprindžuk. Equations of hyperelliptic type. *Lecture Notes in Mathematics*, 1559:138–154, 1993. CODEN LNMAA2. ISBN 3-540-57359-3 (print), 3-540-48083-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073793/>.

**Sprindzuk:1993:LFL**

- [Spr93f] Vladimir G. Sprindžuk. Linear forms in the logarithms of algebraic numbers. *Lecture Notes in Mathematics*, 1559:30–60, 1993. CODEN LNMAA2. ISBN 3-540-57359-3 (print), 3-540-48083-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073789/>.

**Sprindzuk:1993:O**

- [Spr93g] Vladimir G. Sprindžuk. Origins. *Lecture Notes in Mathematics*, 1559:1–13, 1993. CODEN LNMAA2. ISBN 3-540-57359-3 (print), 3-540-48083-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073787/>.

**Sprindzuk:1993:RPD**

- [Spr93h] Vladimir G. Sprindžuk. Reducibility of polynomials and Diophantine equations. *Lecture Notes in Mathematics*, 1559:188–218, 1993. CODEN LNMAA2. ISBN 3-540-57359-3 (print), 3-540-48083-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073795/>.

**Sprindzuk:1993:TME**

- [Spr93i] Vladimir G. Sprindžuk. The Thue–Mahler equation. *Lecture Notes in Mathematics*, 1559:85–110, 1993. CODEN LNMAA2. ISBN 3-540-57359-3 (print), 3-540-48083-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073791/>.

**Sprindzuk:1993:TE**

- [Spr93j] Vladimir G. Sprindžuk. The Thue equation. *Lecture Notes in Mathematics*, 1559:61–84, 1993. CODEN LNMAA2. ISBN 3-540-57359-3 (print), 3-540-48083-8 (e-book). ISSN 0075-8434

(print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073790/>.

**Srebro:1992:TPQ**

- [Sre92] Uri Srebro. Topological properties of quasiregular mappings. *Lecture Notes in Mathematics*, 1508:104–118, 1992. CODEN LNMAA2. ISBN 3-540-55418-1 (print), 3-540-47061-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094241/>.

**Srinivasan:1990:MRF**

- [Sri90] Bhama Srinivasan. Modular representations of finite groups of Lie type in a non-defining characteristic. *Lecture Notes in Mathematics*, 1456:96–105, 1990. CODEN LNMAA2. ISBN 3-540-53475-X (print), 3-540-46900-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0100733/>.

**Sternin:1990:LRT**

- [SS90] B. Yu. Sternin and V. E. Shatalov. On Leary’s residue theory. *Lecture Notes in Mathematics*, 1453:109–119, 1990. CODEN LNMAA2. ISBN 3-540-53407-5 (print), 3-540-46861-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085950/>.

**Schechtman:1991:ARV**

- [SS91] G. Schechtman and M. Schmuckenschläger. Another remark on the volume of the intersection of two  $L_p^n$  balls. *Lecture Notes in Mathematics*, 1469:174–178, 1991. CODEN LNMAA2. ISBN 3-540-54024-5 (print), 3-540-47355-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0089224/>.

**Sternin:1992:CSE**

- [SS92] B. Yu. Sternin and V. E. Shatalov. Continuation of solutions to elliptic equations and localization of singularities. *Lecture Notes in Mathematics*, 1520:237–259, 1992. CODEN LNMAA2. ISBN 3-540-55583-8 (print), 3-540-47223-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084724/>.

**Schapira:1993:ITC**

- [SS93] Pierre Schapira and Jean-Pierre Schneiders. Index theorems for  $R$ -constructible sheaves and for  $D$ -modules. *Lecture Notes in Mathematics*, 1565:141–156, 1993. CODEN LNMAA2. ISBN 3-540-57498-0 (print), 3-540-48195-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073467/>.

**Schmeling:1992:HCH**

- [SSS92] J. Schmeling and Ra. Siegmund-Schultze. Hölder continuity of the holonomy maps for hyperbolic basic sets I. *Lecture Notes in Mathematics*, 1514:174–191, 1992. CODEN LNMAA2. ISBN 3-540-55444-0 (print), 3-540-47076-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0097538/>.

**Solonnikov:1992:EFB**

- [ST92a] V. A. Solonnikov and A. Tani. Evolution free boundary problem for equations of motion of viscous compressible barotropic liquid. *Lecture Notes in Mathematics*, 1530:30–55, 1992. CODEN LNMAA2. ISBN 3-540-56261-3 (print), 3-540-47498-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0090332/>.

**Stichtenoth:1992:AGC**

- [ST92b] Henning Stichtenoth and Michael A. Tsfasman. Algebraic geometry and coding theory an introduction. *Lecture Notes in Mathematics*, 1518:1–3, 1992. CODEN LNMAA2. ISBN 3-540-55651-6 (print), 3-540-47267-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0087987/>.

**Stichtenoth:1992:CTA**

- [ST92c] Henning Stichtenoth and Michael A. Tsfasman, editors. *Coding Theory and Algebraic Geometry: Proceedings of the International Workshop held in Luminy, France, June 17–21, 1991*, volume 1518 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1992. CODEN LNMAA2. ISBN 3-540-55651-6 (print), 3-540-47267-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1518. URL <http://link.springer.com/book/10.1007/BFb0087986>; <http://www.springerlink.com/content/978-3-540-47267-4>.

**Stasheff:1992:DGL**

- [Sta92] Jim Stasheff. Differential graded Lie algebras, quasi-Hopf algebras and higher homotopy algebras. *Lecture Notes in Mathematics*, 1510:120–137, 1992. CODEN LNMAA2. ISBN 3-540-55305-3 (print), 3-540-47020-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0101184/>.

**Stahl:1993:URA**

- [Sta93] Herbert Stahl. Uniform rational approximation of  $|X|$ . *Lecture Notes in Mathematics*, 1550:110–130, 1993. CODEN LNMAA2. ISBN 3-540-56931-6 (print), 3-540-47792-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0117477/>.

**Stegeman:1990:APM**

- [Ste90a] J. D. Stegeman. Analysis of P. Malliavin’s proof of non spectral synthesis. *Lecture Notes in Mathematics*, 1419:180–200, 1990. CODEN LNMAA2. ISBN 3-540-52322-7 (print), 3-540-46955-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083108/>.

**Stegeman:1990:PGC**

- [Ste90b] J. D. Stegeman. Papers of G. Cross, Y. Kubota, J. L. Mawhin, M. Morayne, W. F. Pfeffer and W.-C. Yang, and C. A. Rogers. *Lecture Notes in Mathematics*, 1419:201, 1990. CODEN LNMAA2. ISBN 3-540-52322-7 (print), 3-540-46955-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083109>.

**Stegeman:1990:P**

- [Ste90c] J. D. Stegeman. Problems. *Lecture Notes in Mathematics*, 1419: 202, 1990. CODEN LNMAA2. ISBN 3-540-52322-7 (print), 3-540-46955-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083110>.

**Stevens:1991:VDC**

- [Ste91] Jan Stevens. On the versal deformation of cyclic quotient singularities. *Lecture Notes in Mathematics*, 1462:302–319, 1991. CODEN LNMAA2. ISBN 3-540-53737-6 (print), 3-540-47060-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086390/>.

**Steffen:1999:BM**

- [Ste99a] Klaus Steffen. Back matter. *Lecture Notes in Mathematics*, 1713:??, 1999. CODEN LNMAA2. ISBN 3-540-65977-3 (print), 3-540-48813-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/content/pdf/bbm:978-3-540-48813-2/1.pdf>.

**Steffen:1999:PSP**

- [Ste99b] Klaus Steffen. Parametric surfaces of prescribed mean curvature. *Lecture Notes in Mathematics*, 1713:211–265, 1999. CODEN LNMAA2. ISBN 3-540-65977-3 (print), 3-540-48813-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092671/>.

**Stoer:1992:BI**

- [Sto92a] Mechthild Stoer. Basic inequalities. *Lecture Notes in Mathematics*, 1531:49–68, 1992. CODEN LNMAA2. ISBN 3-540-56271-0 (print), 3-540-47500-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0088968/>.

**Stoer:1992:CI**

- [Sto92b] Mechthild Stoer. Comb inequalities. *Lecture Notes in Mathematics*, 1531:113–123, 1992. CODEN LNMAA2. ISBN 3-540-56271-0 (print), 3-540-47500-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0088973/>.

**Stoer:1992:CR**

- [Sto92c] Mechthild Stoer. Computational results. *Lecture Notes in Mathematics*, 1531:175–194, 1992. CODEN LNMAA2. ISBN 3-540-56271-0 (print), 3-540-47500-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0088976/>.

**Stoer:1992:D**

- [Sto92d] Mechthild Stoer. Decomposition. *Lecture Notes in Mathematics*, 1531:33–47, 1992. CODEN LNMAA2. ISBN 3-540-56271-0 (print), 3-540-47500-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0088967/>.

**Stoer:1992:DSN**

- [Sto92e] Mechthild Stoer. *Design of Survivable Networks*, volume 1531 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1992. CODEN LNMAA2. ISBN 3-540-56271-0 (print), 3-540-47500-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). ii + 205 pp. LCCN QA3 .L28 no. 1531. URL <http://link.springer.com/book/10.1007/BFb0088963>; <http://www.springerlink.com/content/978-3-540-47500-2>.

**Stoer:1992:HFV**

- [Sto92f] Mechthild Stoer. How to find valid inequalities. *Lecture Notes in Mathematics*, 1531:125–154, 1992. CODEN LNMAA2. ISBN 3-540-56271-0 (print), 3-540-47500-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0088974/>.

**Stoer:1992:ICP**

- [Sto92g] Mechthild Stoer. Implementation of the cutting plane algorithm. *Lecture Notes in Mathematics*, 1531:155–173, 1992. CODEN LNMAA2. ISBN 3-540-56271-0 (print), 3-540-47500-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0088975/>.

**Stoer:1992:LCI**

- [Sto92h] Mechthild Stoer. Lifted  $r$ -cover inequalities. *Lecture Notes in Mathematics*, 1531:101–112, 1992. CODEN LNMAA2. ISBN 3-540-56271-0 (print), 3-540-47500-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0088972/>.

**Stoer:1992:LT**

- [Sto92i] Mechthild Stoer. Lifting theorems. *Lecture Notes in Mathematics*, 1531:69–76, 1992. CODEN LNMAA2. ISBN 3-540-56271-0 (print), 3-540-47500-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0088969/>.

**Stoer:1992:M**

- [Sto92j] Mechthild Stoer. Motivation. *Lecture Notes in Mathematics*, 1531:5–6, 1992. CODEN LNMAA2. ISBN 3-540-56271-0 (print), 3-540-47500-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (elec-

tronic). URL <http://link.springer.com/chapter/10.1007/BFb0088964>.

**Stoer:1992:NSM**

- [Sto92k] Mechthild Stoer. Network survivability models using node types. *Lecture Notes in Mathematics*, 1531:7–18, 1992. CODEN LNMAA2. ISBN 3-540-56271-0 (print), 3-540-47500-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0088965/>.

**Stoer:1992:NPI**

- [Sto92l] Mechthild Stoer. Node partition inequalities. *Lecture Notes in Mathematics*, 1531:91–99, 1992. CODEN LNMAA2. ISBN 3-540-56271-0 (print), 3-540-47500-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0088971/>.

**Stoer:1992:PI**

- [Sto92m] Mechthild Stoer. Partition inequalities. *Lecture Notes in Mathematics*, 1531:77–90, 1992. CODEN LNMAA2. ISBN 3-540-56271-0 (print), 3-540-47500-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0088970/>.

**Stoer:1992:SND**

- [Sto92n] Mechthild Stoer. Survivable network design under connectivity constraints — a survey. *Lecture Notes in Mathematics*, 1531:19–32, 1992. CODEN LNMAA2. ISBN 3-540-56271-0 (print), 3-540-47500-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0088966/>.

**Stokes:1992:DCC**

- [Sto92o] Philip Stokes. The domain of covering codes. *Lecture Notes in Mathematics*, 1518:170–177, 1992. CODEN LNMAA2. ISBN 3-540-55651-6 (print), 3-540-47267-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0088000/>.

**Stroock:1993:BM**

- [Str93a] Daniel W. Stroock. Back matter. *Lecture Notes in Mathematics*, 1563:??, 1993. CODEN LNMAA2. ISBN 3-540-57421-2 (print),

3-540-48151-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/content/pdf/bbm:978-3-540-48151-5/1.pdf>.

**Stroock:1993:LSI**

- [Str93b] Daniel W. Stroock. Logarithmic Sobolev inequalities for Gibbs states. *Lecture Notes in Mathematics*, 1563:194–228, 1993. CODEN LNMAA2. ISBN 3-540-57421-2 (print), 3-540-48151-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0074094/>.

**Shparlinski:1992:CMP**

- [STV92] Igor E. Shparlinski, Michael A. Tsfasman, and Serge G. Vladut. Curves with many points and multiplication in finite fields. *Lecture Notes in Mathematics*, 1518:145–169, 1992. CODEN LNMAA2. ISBN 3-540-55651-6 (print), 3-540-47267-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0087999/>.

**Suffridge:1990:EPN**

- [Suf90] T. J. Suffridge. Extremal problems for non-vanishing  $H^p$  functions. *Lecture Notes in Mathematics*, 1435:177–190, 1990. CODEN LNMAA2. ISBN 3-540-52768-0 (print), 3-540-47139-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0087907/>.

**Suzuki:1990:IGP**

- [Suz90] Takashi Suzuki. Introduction to geometric potential theory. *Lecture Notes in Mathematics*, 1450:88–103, 1990. CODEN LNMAA2. ISBN 3-540-53393-1 (print), 3-540-46818-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084900/>.

**Sohr:1990:DPS**

- [SV90] Hermann Sohr and Werner Varnhorn. On decay properties of the Stokes equations in exterior domains. *Lecture Notes in Mathematics*, 1431:134–151, 1990. CODEN LNMAA2. ISBN 3-540-52770-2 (print), 3-540-47141-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086064/>.

**Schwänzl:1991:HRS**

- [SV91a] R. Schwänzl and R. M. Vogt. Homotopy ring spaces and their matrix rings. *Lecture Notes in Mathematics*, 1474:254–272, 1991. CODEN LNMAA2. ISBN 3-540-54098-9 (print), 3-540-47403-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084751/>.

**Smith:1991:STA**

- [SV91b] Roy Smith and Robert Varley. Singularity theory applied to  $\Theta$ -divisors. *Lecture Notes in Mathematics*, 1479:238–257, 1991. CODEN LNMAA2. ISBN 3-540-54456-9 (print), 3-540-38388-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086273/>.

**Svertchkov:1993:WSR**

- [Sve93] M. Yu. Svertchkov. On wide-sense regeneration. *Lecture Notes in Mathematics*, 1546:167–169, 1993. CODEN LNMAA2. ISBN 3-540-56744-5 (print), 3-540-47645-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084492/>.

**Schmitt:1992:DSF**

- [SvW92] Burkhard J. Schmitt and Wolf von Wahl. Decomposition of solenoidal fields into poloidal fields, toroidal fields and the mean flow. Applications to the Boussinesq-equations. *Lecture Notes in Mathematics*, 1530:291–305, 1992. CODEN LNMAA2. ISBN 3-540-56261-3 (print), 3-540-47498-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0090349/>.

**Suli:1992:ASL**

- [SW92] Endre Süli and Antony F. Ware. Analysis of the spectral Lagrange–Galerkin method for the Navier–Stokes equations. *Lecture Notes in Mathematics*, 1530:184–195, 1992. CODEN LNMAA2. ISBN 3-540-56261-3 (print), 3-540-47498-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0090342/>.

**Schneider:1993:RTB**

- [SW93] Dominique Schneider and Michel Weber. Une remarque sur un théorème de bourgain. (French) []. *Lecture Notes in Mathematics*, 1557:202–206, 1993. CODEN LNMAA2. ISBN 3-540-57282-1

(print), 3-540-48034-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0087976/>.

**Seeley:1991:AMS**

- [SY91] Craig Seeley and Stephen S.-T. Yau. Algebraic methods in the study of simple-elliptic singularities. *Lecture Notes in Mathematics*, 1479:216–237, 1991. CODEN LNMAA2. ISBN 3-540-54456-9 (print), 3-540-38388-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086272/>.

**Stricker:1998:SRO**

- [SY98] C. Stricker and J. A. Yan. Some remarks on the optional decomposition theorem. *Lecture Notes in Mathematics*, 1686:56–66, 1998. CODEN LNMAA2. ISBN 3-540-64376-1 (print), 3-540-69762-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0101750/>.

**Schaufele:1990:GGB**

- [SZ90] Christopher Schaufele and Nancy Zumoff. \*-groups, graphs, and bases. *Lecture Notes in Mathematics*, 1440:186–191, 1990. CODEN LNMAA2. ISBN 3-540-52990-X (print), 3-540-46296-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084462/>.

**Szarek:1991:GBM**

- [Sza91] S. J. Szarek. On the geometry of the Banach–Mazur compactum. *Lecture Notes in Mathematics*, 1470:48–59, 1991. CODEN LNMAA2. ISBN 3-540-54206-X (print), 3-540-47493-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0090211/>.

**Sznitman:1991:TPC**

- [Szn91] Alain-Sol Sznitman. Topics in propagation of chaos. *Lecture Notes in Mathematics*, 1464:165–251, 1991. CODEN LNMAA2. ISBN 3-540-53841-0 (print), 3-540-46319-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085169/>.

**Tadmor:1998:ASN**

- [Tad98] Eitan Tadmor. Approximate solutions of nonlinear conservation laws. *Lecture Notes in Mathematics*, 1697:1–149, 1998. CODEN

LNMAA2. ISBN 3-540-64977-8 (print), 3-540-49804-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096352/>.

**Taft:1992:QDF**

- [Taf92] Earl J. Taft. Quantum deformation of the flag variety. *Lecture Notes in Mathematics*, 1510:138–141, 1992. CODEN LNMAA2. ISBN 3-540-55305-3 (print), 3-540-47020-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0101185/>.

**Taira:1991:AEB**

- [Tai91a] Kazuaki Taira.  $L^p$  approach to elliptic boundary value problems. *Lecture Notes in Mathematics*, 1499:41–49, 1991. CODEN LNMAA2. ISBN 3-540-54996-X (print), 3-540-46635-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092033/>.

**Taira:1991:TPD**

- [Tai91b] Kazuaki Taira.  $L^p$  theory of pseudo-differential operators. *Lecture Notes in Mathematics*, 1499:23–40, 1991. CODEN LNMAA2. ISBN 3-540-54996-X (print), 3-540-46635-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092032/>.

**Taira:1991:ASI**

- [Tai91c] Kazuaki Taira. Application to semilinear initial-boundary value problems. *Lecture Notes in Mathematics*, 1499:105–111, 1991. CODEN LNMAA2. ISBN 3-540-54996-X (print), 3-540-46635-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092039/>.

**Taira:1991:BVP**

- [Tai91d] Kazuaki Taira. *Boundary Value Problems and Markov Processes*, volume 1499 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1991. CODEN LNMAA2. ISBN 3-540-54996-X (print), 3-540-46635-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). viii + 132 pp. LCCN QA3 .L28 no. 1499. URL <http://link.springer.com/book/10.1007/BFb0092029>; <http://www.springerlink.com/content/978-3-540-46635-2>.

**Taira:1991:IR**

- [Tai91e] Kazuaki Taira. Introduction and results. *Lecture Notes in Mathematics*, 1499:1–9, 1991. CODEN LNMAA2. ISBN 3-540-54996-X (print), 3-540-46635-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092030/>.

**Taira:1991:PE**

- [Tai91f] Kazuaki Taira. A priori estimates. *Lecture Notes in Mathematics*, 1499:55–60, 1991. CODEN LNMAA2. ISBN 3-540-54996-X (print), 3-540-46635-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092035/>.

**Taira:1991:PTa**

- [Tai91g] Kazuaki Taira. Proof of theorem 1. *Lecture Notes in Mathematics*, 1499:50–54, 1991. CODEN LNMAA2. ISBN 3-540-54996-X (print), 3-540-46635-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092034/>.

**Taira:1991:PTb**

- [Tai91h] Kazuaki Taira. Proof of theorem 2. *Lecture Notes in Mathematics*, 1499:61–69, 1991. CODEN LNMAA2. ISBN 3-540-54996-X (print), 3-540-46635-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092036/>.

**Taira:1991:PTPa**

- [Tai91i] Kazuaki Taira. Proof of Theorem 3 — Part (I). *Lecture Notes in Mathematics*, 1499:70–80, 1991. CODEN LNMAA2. ISBN 3-540-54996-X (print), 3-540-46635-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092037/>.

**Taira:1991:PTPb**

- [Tai91j] Kazuaki Taira. Proof of Theorem 3 — Part (II). *Lecture Notes in Mathematics*, 1499:81–104, 1991. CODEN LNMAA2. ISBN 3-540-54996-X (print), 3-540-46635-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092038/>.

**Taira:1991:ST**

- [Tai91k] Kazuaki Taira. Semigroup theory. *Lecture Notes in Mathematics*, 1499:10–22, 1991. CODEN LNMAA2. ISBN 3-540-54996-X (print), 3-540-46635-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092031/>.

**Takegoshi:1991:ACI**

- [Tak91] Kensho Takegoshi. Application of a certain integral formula to complex analysis. *Lecture Notes in Mathematics*, 1468:94–114, 1991. CODEN LNMAA2. ISBN 3-540-54053-9 (print), 3-540-47370-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086189/>.

**Takaoka:1999:SRU**

- [Tak99] Koichiro Takaoka. Some remarks on the uniform integrability of continuous martingales. *Lecture Notes in Mathematics*, 1709:327–333, 1999. CODEN LNMAA2. ISBN 3-540-66342-8 (print), 3-540-48407-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096521/>.

**Talagrand:1991:NII**

- [Tal91] Michel Talagrand. A new isoperimetric inequality and the concentration of measure phenomenon. *Lecture Notes in Mathematics*, 1469:94–124, 1991. CODEN LNMAA2. ISBN 3-540-54024-5 (print), 3-540-47355-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0089217/>.

**Talay:1996:PNM**

- [Tal96] Denis Talay. Probabilistic numerical methods for partial differential equations: Elements of analysis. *Lecture Notes in Mathematics*, 1627:148–196, 1996. CODEN LNMAA2. ISBN 3-540-61397-8 (print), 3-540-68513-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093180/>.

**Tamura:1990:EBS**

- [Tam90] Hideo Tamura. Existence of bound states for double well potentials and the Efimov effect. *Lecture Notes in Mathematics*, 1450:173–186, 1990. CODEN LNMAA2. ISBN 3-540-53393-1

(print), 3-540-46818-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084905/>.

**Tamanoi:1999:EG**

- [Tam99a] Hirotaka Tamanoi. Elliptic genera. *Lecture Notes in Mathematics*, 1704:22–48, 1999. CODEN LNMAA2. ISBN 3-540-66006-2 (print), 3-540-48788-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092543/>.

**Tamanoi:1999:EGV**

- [Tam99b] Hirotaka Tamanoi. *Elliptic Genera and Vertex Operator Super Algebras*, volume 1704 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1999. CODEN LNMAA2. ISBN 3-540-66006-2 (print), 3-540-48788-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). vi + 390 pp. LCCN QA3 .L28 no. 1704. URL <http://link.springer.com/book/10.1007/BFb0092541>; <http://www.springerlink.com/content/978-3-540-48788-3>.

**Tamanoi:1999:IVO**

- [Tam99c] Hirotaka Tamanoi.  $G$ -invariant vertex operator super subalgebras. *Lecture Notes in Mathematics*, 1704:93–221, 1999. CODEN LNMAA2. ISBN 3-540-66006-2 (print), 3-540-48788-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092545/>.

**Tamanoi:1999:GSV**

- [Tam99d] Hirotaka Tamanoi. Geometric structure in vector spaces and reduction of structure groups on manifolds. *Lecture Notes in Mathematics*, 1704:222–302, 1999. CODEN LNMAA2. ISBN 3-540-66006-2 (print), 3-540-48788-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092546/>.

**Tamanoi:1999:IDS**

- [Tam99e] Hirotaka Tamanoi. Infinite dimensional symmetries in elliptic genera for Kähler manifolds. *Lecture Notes in Mathematics*, 1704: 303–378, 1999. CODEN LNMAA2. ISBN 3-540-66006-2 (print), 3-540-48788-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092547/>.

**Tamanoi:1999:ISR**

- [Tam99f] Hirotaka Tamanoi. Introduction and summary of results. *Lecture Notes in Mathematics*, 1704:1–21, 1999. CODEN LNMAA2. ISBN 3-540-66006-2 (print), 3-540-48788-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092542/>.

**Tamanoi:1999:VOS**

- [Tam99g] Hirotaka Tamanoi. Vertex operator super algebras. *Lecture Notes in Mathematics*, 1704:49–92, 1999. CODEN LNMAA2. ISBN 3-540-66006-2 (print), 3-540-48788-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092544/>.

**Taniguchi:1991:BEL**

- [Tan91] Masahiko Taniguchi. The behavior of the extremal length function on arbitrary Riemann surface. *Lecture Notes in Mathematics*, 1468:160–169, 1991. CODEN LNMAA2. ISBN 3-540-54053-9 (print), 3-540-47370-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086192/>.

**Tate:1996:AGC**

- [Tat96] John Tate. Applications of Galois cohomology in algebraic geometry. *Lecture Notes in Mathematics*, 1625:188–215, 1996. CODEN LNMAA2. ISBN 3-540-61181-9 (print), 3-540-68337-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092634/>.

**Taylor:1992:SPR**

- [Tay92] J. C. Taylor. Skew products, regular conditional probabilities and stochastic differential equations: a technical remark. *Lecture Notes in Mathematics*, 1526:113–126, 1992. CODEN LNMAA2. ISBN 3-540-56021-1 (print), 3-540-47342-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084315/>.

**Toscani:1991:MAF**

- [TBR91] Giuseppe Toscani, Vinicio Boffi, and Salvatore Rionero, editors. *Mathematical Aspects of Fluid and Plasma Dynamics: Proceedings of an International Workshop held in Salice Terme, Italy*,

26–30 September 1988, volume 1460 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1991. CODEN LNMAA2. ISBN 3-540-53545-4 (print), 3-540-46779-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1460. URL <http://link.springer.com/book/10.1007/BFb0091356>; <http://www.springerlink.com/content/978-3-540-46779-3>.

Temlyakov:1993:UFC

- [Tem93] V. N. Temlyakov. Universality of the Fibonacci cubature formulas. *Lecture Notes in Mathematics*, 1550:178–184, 1993. CODEN LNMAA2. ISBN 3-540-56931-6 (print), 3-540-47792-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0117486/>.

Thakur:1990:GKF

- [Tha90] Dinesh S. Thakur. Gross–Koblitz formula for function fields. *Lecture Notes in Mathematics*, 1454:351–355, 1990. CODEN LNMAA2. ISBN 3-540-53477-6 (print), 3-540-46906-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0091149/>.

Thieullen:1991:GDT

- [Thi91] P. Thieullen. Généralisation du théorème de Pesin pour l’ $\alpha$ -entropie. (French) []. *Lecture Notes in Mathematics*, 1486:232–242, 1991. CODEN LNMAA2. ISBN 3-540-54662-6 (print), 3-540-46431-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086673/>.

Thompson:1990:GGZ

- [Tho90a] John G. Thompson. Groups of genus zero and certain rational functions. *Lecture Notes in Mathematics*, 1456:185–190, 1990. CODEN LNMAA2. ISBN 3-540-53475-X (print), 3-540-46900-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0100740/>.

Thorup:1990:RET

- [Tho90b] Anders Thorup. Rational equivalence theory on arbitrary Noetherian schemes. *Lecture Notes in Mathematics*, 1436:256–297, 1990. CODEN LNMAA2. ISBN 3-540-52811-3 (print), 3-540-47154-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084049/>.

**Thom:1992:LMP**

- [Tho92] René Thom. Leaving mathematics for philosophy. *Lecture Notes in Mathematics*, 1525:1–12, 1992. CODEN LNMAA2. ISBN 3-540-56011-4 (print), 3-540-47341-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0089201/>.

**Thorisson:1993:RSS**

- [Tho93] Hermann Thorisson. Regeneration, stationarity and simulation. *Lecture Notes in Mathematics*, 1546:174–179, 1993. CODEN LNMAA2. ISBN 3-540-56744-5 (print), 3-540-47645-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084494/>.

**Thron:1990:SRS**

- [Thr90] W. J. Thron. Some results on separate convergence of continued fractions. *Lecture Notes in Mathematics*, 1435:191–200, 1990. CODEN LNMAA2. ISBN 3-540-52768-0 (print), 3-540-47139-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0087908/>.

**Tian:1996:KEM**

- [Tia96] Gang Tian. Kähler–Einstein metrics on algebraic manifolds. *Lecture Notes in Mathematics*, 1646:143–185, 1996. CODEN LNMAA2. ISBN 3-540-62038-9 (print), 3-540-49632-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094304/>.

**Tiba:1990:ENA**

- [Tib90a] Dan Tiba. Elements of nonlinear analysis. *Lecture Notes in Mathematics*, 1459:1–28, 1990. CODEN LNMAA2. ISBN 3-540-53524-1 (print), 3-540-46755-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085565/>.

**Tiba:1990:FBP**

- [Tib90b] Dan Tiba. Free boundary problems. *Lecture Notes in Mathematics*, 1459:122–151, 1990. CODEN LNMAA2. ISBN 3-540-53524-1 (print), 3-540-46755-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085568/>.

**Tiba:1990:OCN**

- [Tib90c] Dan Tiba. *Optimal Control of Nonsmooth Distributed Parameter Systems*, volume 1459 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1990. CODEN LNMAA2. ISBN 3-540-53524-1 (print), 3-540-46755-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). viii + 159 pp. LCCN QA3 .L28 no. 1459. URL <http://link.springer.com/book/10.1007/BFb0085564>; <http://www.springerlink.com/content/978-3-540-46755-7>.

**Tiba:1990:SE**

- [Tib90d] Dan Tiba. Semilinear equations. *Lecture Notes in Mathematics*, 1459:29–76, 1990. CODEN LNMAA2. ISBN 3-540-53524-1 (print), 3-540-46755-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085566>.

**Tiba:1990:VI**

- [Tib90e] Dan Tiba. Variational inequalities. *Lecture Notes in Mathematics*, 1459:77–121, 1990. CODEN LNMAA2. ISBN 3-540-53524-1 (print), 3-540-46755-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085567>.

**Tijdeman:1993:DAA**

- [Tij93a] Rob Tijdeman. Diophantine approximation and its applications. *Lecture Notes in Mathematics*, 1566:13–20, 1993. CODEN LNMAA2. ISBN 3-540-57528-6 (print), 3-540-48208-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-540-48208-6\\_2/](http://link.springer.com/chapter/10.1007/978-3-540-48208-6_2/).

**Tijdeman:1993:RT**

- [Tij93b] Rob Tijdeman. Roth’s theorem. *Lecture Notes in Mathematics*, 1566:21–30, 1993. CODEN LNMAA2. ISBN 3-540-57528-6 (print), 3-540-48208-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-540-48208-6\\_3/](http://link.springer.com/chapter/10.1007/978-3-540-48208-6_3/).

**Tikhomirov:1990:KPM**

- [Tik90] V. M. Tikhomirov. A. N. Kolmogorov and the progress of mathematics. *Lecture Notes in Mathematics*, 1453:161–169, 1990. CO-

DEN LNMAA2. ISBN 3-540-53407-5 (print), 3-540-46861-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085953/>.

**Tralle:1997:EM**

- [TO97a] Aleksy Tralle and John Oprea. The examples of McDuff. *Lecture Notes in Mathematics*, 1661:120–136, 1997. CODEN LNMAA2. ISBN 3-540-63105-4 (print), 3-540-69145-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092612/>.

**Tralle:1997:N**

- [TO97b] Aleksy Tralle and John Oprea. Nilmanifolds. *Lecture Notes in Mathematics*, 1661:45–69, 1997. CODEN LNMAA2. ISBN 3-540-63105-4 (print), 3-540-69145-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092610/>.

**Tralle:1997:Sa**

- [TO97c] Aleksy Tralle and John Oprea. Solvmanifolds. *Lecture Notes in Mathematics*, 1661:70–119, 1997. CODEN LNMAA2. ISBN 3-540-63105-4 (print), 3-540-69145-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092611/>.

**Tralle:1997:SPH**

- [TO97d] Aleksy Tralle and John Oprea. The starting point: Homotopy properties of Kähler manifolds. *Lecture Notes in Mathematics*, 1661:1–44, 1997. CODEN LNMAA2. ISBN 3-540-63105-4 (print), 3-540-69145-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092609/>.

**Tralle:1997:Sb**

- [TO97e] Aleksy Tralle and John Oprea. Survey. *Lecture Notes in Mathematics*, 1661:173–199, 1997. CODEN LNMAA2. ISBN 3-540-63105-4 (print), 3-540-69145-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092614/>.

**Tralle:1997:SMN**

- [TO97f] Aleksy Tralle and John Oprea. *Symplectic Manifolds with no Kähler Structure*, volume 1661 of *Lecture Notes in Mathematics*.

Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1997. CODEN LNMAA2. ISBN 3-540-63105-4 (print), 3-540-69145-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). viii + 207 pp. LCCN QA3 .L28 no. 1661. URL <http://link.springer.com/book/10.1007/BFb0092608>; <http://www.springerlink.com/content/978-3-540-69145-7>.

**Tralle:1997:SST**

- [TO97g] Aleksy Tralle and John Oprea. Symplectic structures in total spaces of bundles. *Lecture Notes in Mathematics*, 1661:137–172, 1997. CODEN LNMAA2. ISBN 3-540-63105-4 (print), 3-540-69145-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092613/>.

**Todorcevic:1997:CCG**

- [Tod97a] Stevo Todorcevic. Compact and compactly generated groups. *Lecture Notes in Mathematics*, 1652:79–120, 1997. CODEN LNMAA2. ISBN 3-540-62611-5 (print), 3-540-68338-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096298/>.

**Todorcevic:1997:CSF**

- [Tod97b] Stevo Todorcevic. Compact sets in function spaces. *Lecture Notes in Mathematics*, 1652:1–60, 1997. CODEN LNMAA2. ISBN 3-540-62611-5 (print), 3-540-68338-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096296/>.

**Todorcevic:1997:H**

- [Tod97c] Stevo Todorcevic. Hyperspaces. *Lecture Notes in Mathematics*, 1652:121–147, 1997. CODEN LNMAA2. ISBN 3-540-62611-5 (print), 3-540-68338-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096299/>.

**Todorcevic:1997:S**

- [Tod97d] Stevo Todorcevic. The semigroup  $\beta\mathbb{N}$ . *Lecture Notes in Mathematics*, 1652:61–78, 1997. CODEN LNMAA2. ISBN 3-540-62611-5 (print), 3-540-68338-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096297/>.

**Todorcevic:1997:TT**

- [Tod97e] Stevo Todorcevic. *Topics in Topology*, volume 1652 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1997. CODEN LNMAA2. ISBN 3-540-62611-5 (print), 3-540-68338-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). viii + 153 pp. LCCN QA3 .L28 no. 1652. URL <http://link.springer.com/book/10.1007/BFb0096295>; <http://www.springerlink.com/content/978-3-540-68338-4>.

**Top:1993:DMR**

- [Top93] Jaap Top. D. Mumford's "A Remark on Mordell's Conjecture". *Lecture Notes in Mathematics*, 1566:63–67, 1993. CODEN LNMAA2. ISBN 3-540-57528-6 (print), 3-540-48208-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-540-48208-6\\_6/](http://link.springer.com/chapter/10.1007/978-3-540-48208-6_6/).

**Totik:1994:A**

- [Tot94a] Vilmos Totik. Applications. *Lecture Notes in Mathematics*, 1569: 79–110, 1994. CODEN LNMAA2. ISBN 3-540-57705-X (print), 3-540-48323-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0076138/>.

**Totik:1994:AGW**

- [Tot94b] Vilmos Totik. Approximation with general weights. *Lecture Notes in Mathematics*, 1569:21–48, 1994. CODEN LNMAA2. ISBN 3-540-57705-X (print), 3-540-48323-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0076136/>.

**Totik:1994:FW**

- [Tot94c] Vilmos Totik. Freud weights. *Lecture Notes in Mathematics*, 1569: 7–20, 1994. CODEN LNMAA2. ISBN 3-540-57705-X (print), 3-540-48323-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0076135/>.

**Totik:1994:I**

- [Tot94d] Vilmos Totik. Introduction. *Lecture Notes in Mathematics*, 1569: 1–5, 1994. CODEN LNMAA2. ISBN 3-540-57705-X (print), 3-

540-48323-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0076134/>.

**Totik:1994:VW**

- [Tot94e] Vilmos Totik. Varying weights. *Lecture Notes in Mathematics*, 1569:49–77, 1994. CODEN LNMAA2. ISBN 3-540-57705-X (print), 3-540-48323-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0076137/>.

**Totik:1994:WAV**

- [Tot94f] Vilmos Totik. *Weighted Approximation with Varying Weight*, volume 1569 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1994. CODEN LNMAA2. ISBN 3-540-57705-X (print), 3-540-48323-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). vi + 115 pp. LCCN QA3 .L28 no. 1569. URL <http://link.springer.com/book/10.1007/BFb0076133>; <http://www.springerlink.com/content/978-3-540-48323-6>.

**Tian-Ping:1991:OIP**

- [TPDZ91] Chen Tian-Ping and Zhang De-Zhi. Oscillatory integral with polynomial phase. *Lecture Notes in Mathematics*, 1494:39–45, 1991. CODEN LNMAA2. ISBN 3-540-54901-3 (print), 3-540-46474-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0087754/>.

**Tarabusi:1998:IGR**

- [TPZ98] Enrico Casadio Tarabusi, Massimo A. Picardello, and Giuseppe Zampieri, editors. *Integral Geometry, Radon Transforms and Complex Analysis: Lectures given at the 1st Session of the Centro Internazionale Matematico Estivo (C.I.M.E.) held in Venice, Italy, June 3–12, 1996*, volume 1684 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1998. CODEN LNMAA2. ISBN 3-540-64207-2 (print), 3-540-69702-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1684. URL <http://link.springer.com/book/10.1007/BFb0096088>; <http://www.springerlink.com/content/978-3-540-69702-2>.

**Troitsky:1991:LNC**

- [Tro91] E. V. Troitsky. Lefschetz numbers of  $C^*$ -complexes. *Lecture Notes in Mathematics*, 1474:193–206, 1991. CODEN LNMAA2. ISBN

3-540-54098-9 (print), 3-540-47403-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084747/>.

**Tsfasman:1992:SRA**

- [Tsf92] Michael A. Tsfasman. Some remarks on the asymptotic number of points. *Lecture Notes in Mathematics*, 1518:178–192, 1992. CODEN LNMAA2. ISBN 3-540-55651-6 (print), 3-540-47267-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0088001/>.

**Teply:1990:PIN**

- [TT90] Mark L. Teply and Blas Torrecillas. Primitive ideals of nice Ore localizations. *Lecture Notes in Mathematics*, 1448:63–71, 1990. CODEN LNMAA2. ISBN 3-540-53164-5 (print), 3-540-46745-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0091251/>.

**Talay:1996:PMN**

- [TT96] Denis Talay and Luciano Tubaro, editors. *Probabilistic Models for Nonlinear Partial Differential Equations: Lectures given at the 1st Session of the Centro Internazionale Matematico Estivo (C.I.M.E.) held in Montecatini Terme, Italy, May 22–30, 1995*, volume 1627 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1996. CODEN LNMAA2. ISBN 3-540-61397-8 (print), 3-540-68513-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1627. URL <http://link.springer.com/book/10.1007/BFb0093175>; <http://www.springerlink.com/content/978-3-540-68513-5>.

**Tucker:1990:STG**

- [Tuc90] Thomas W. Tucker. Some topological graph theory for topologists: a sampler of covering space constructions. *Lecture Notes in Mathematics*, 1440:192–207, 1990. CODEN LNMAA2. ISBN 3-540-52990-X (print), 3-540-46296-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084463/>.

**Tumanov:1998:ADE**

- [Tum98] Alexander Tumanov. Analytic discs and the extendibility of CR functions. *Lecture Notes in Mathematics*, 1684:123–141, 1998. CODEN LNMAA2. ISBN 3-540-64207-2 (print), 3-540-69702-0

(e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096093/>.

**Turiel:1990:DMO**

- [Tur90a] F. J. Turiel. Dimension minimale des orbites d'une action symplectique de  $\mathbf{R}^n$ . (French) []. *Lecture Notes in Mathematics*, 1416: 268–289, 1990. CODEN LNMAA2. ISBN 3-540-52191-7 (print), 3-540-46920-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0097477/>.

**Turnwald:1990:NRN**

- [Tur90b] Gerhard Turnwald. A note on the Ramanujan–Nagell equation. *Lecture Notes in Mathematics*, 1452:206–207, 1990. CODEN LNMAA2. ISBN 3-540-53408-3 (print), 3-540-46864-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096992>.

**Tezuka:1990:CFG**

- [TY90] M. Tezuka and N. Yagita. Cohomology of finite groups and Brown–Peterson cohomology II. *Lecture Notes in Mathematics*, 1418:57–69, 1990. CODEN LNMAA2. ISBN 3-540-52246-8 (print), 3-540-46938-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083692/>.

**Tyurin:1991:SGM**

- [Tyu91] A. N. Tyurin. A slight generalization of the Mehta–Ramanathan theorem. *Lecture Notes in Mathematics*, 1479:258–272, 1991. CODEN LNMAA2. ISBN 3-540-54456-9 (print), 3-540-38388-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086274/>.

**Tyurin:1992:GSC**

- [Tyu92] A. N. Tyurin. The geometry of the special components of moduli space of vector bundles over algebraic surfaces of general type. *Lecture Notes in Mathematics*, 1507:166–175, 1992. CODEN LNMAA2. ISBN 3-540-55235-9 (print), 3-540-46786-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094518/>.

**Tyurin:1996:SLF**

- [Tyu96] Andrei Tyurin. Six lectures on four manifolds. *Lecture Notes in Mathematics*, 1646:186–246, 1996. CODEN LNMAA2. ISBN 3-540-62038-9 (print), 3-540-49632-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094305/>.

**Urabe:1993:CCR**

- [Ura93a] Tohsuke Urabe. Concept of co-root modules. *Lecture Notes in Mathematics*, 1548:185–226, 1993. CODEN LNMAA2. ISBN 3-540-56877-8 (print), 3-540-47769-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084374/>.

**Urabe:1993:DGQ**

- [Ura93b] Tohsuke Urabe. *Dynkin Graphs and Quadrilateral Singularities*, volume 1548 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1993. CODEN LNMAA2. ISBN 3-540-56877-8 (print), 3-540-47769-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). vi + 233 pp. LCCN QA3 .L28 no. 1548. URL <http://link.springer.com/book/10.1007/BFb0084369>; <http://www.springerlink.com/content/978-3-540-47769-3>.

**Urabe:1993:I**

- [Ura93c] Tohsuke Urabe. Introduction. *Lecture Notes in Mathematics*, 1548:1–16, 1993. CODEN LNMAA2. ISBN 3-540-56877-8 (print), 3-540-47769-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084370/>.

**Urabe:1993:OC**

- [Ura93d] Tohsuke Urabe. Obstruction components. *Lecture Notes in Mathematics*, 1548:98–184, 1993. CODEN LNMAA2. ISBN 3-540-56877-8 (print), 3-540-47769-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084373/>.

**Urabe:1993:QSE**

- [Ura93e] Tohsuke Urabe. Quadrilateral singularities and elliptic  $K3$  surfaces. *Lecture Notes in Mathematics*, 1548:17–59, 1993. CODEN LNMAA2. ISBN 3-540-56877-8 (print), 3-540-47769-1 (e-book).

ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084371/>.

**Urabe:1993:TIC**

- [Ura93f] Tohsuke Urabe. Theorems with the Ik-conditions for  $J_{3,0}$ ,  $Z_{1,0}$  and  $Q_{2,0}$ . *Lecture Notes in Mathematics*, 1548:60–97, 1993. CODEN LNMAA2. ISBN 3-540-56877-8 (print), 3-540-47769-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084372/>.

**Uridia:1990:TEC**

- [Uri90] M. Uridia.  $U$ -theory of exact categories. *Lecture Notes in Mathematics*, 1437:303–313, 1990. CODEN LNMAA2. ISBN 3-540-52836-9 (print), 3-540-47162-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086725/>.

**Ustunel:1995:MTM**

- [Üst95a] Ali Süleyman Üstünel.  $L^p$ -multipliers theorem, Meyer inequalities and distributions. *Lecture Notes in Mathematics*, 1610:31–39, 1995. CODEN LNMAA2. ISBN 3-540-60170-8 (print), 3-540-44662-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096333/>.

**Ustunel:1995:CIS**

- [Üst95b] Ali Süleyman Üstünel. Characterization of independence of some Wiener functionals. *Lecture Notes in Mathematics*, 1610:61–67, 1995. CODEN LNMAA2. ISBN 3-540-60170-8 (print), 3-540-44662-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096336/>.

**Ustunel:1995:GSD**

- [Üst95c] Ali Süleyman Üstünel. Gross–Sobolev derivative, divergence and Ornstein–Uhlenbeck operator. *Lecture Notes in Mathematics*, 1610:9–18, 1995. CODEN LNMAA2. ISBN 3-540-60170-8 (print), 3-540-44662-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096330/>.

**Ustunel:1995:H**

- [Üst95d] Ali Süleyman Üstünel. Hypercontractivity. *Lecture Notes in Mathematics*, 1610:27–30, 1995. CODEN LNMAA2. ISBN 3-540-60170-8 (print), 3-540-44662-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096332/>.

**Ustunel:1995:IAW**

- [Üst95e] Ali Süleyman Üstünel. *An Introduction to Analysis on Wiener Space*, volume 1610 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1995. CODEN LNMAA2. ISBN 3-540-60170-8 (print), 3-540-44662-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). x + 95 pp. LCCN QA3 .L28 no. 1610. URL <http://link.springer.com/book/10.1007/BFb0096328>; <http://www.springerlink.com/content/978-3-540-44662-0>.

**Ustunel:1995:ITR**

- [Üst95f] Ali Süleyman Üstünel. Introduction to the theorem of Ramer. *Lecture Notes in Mathematics*, 1610:81–90, 1995. CODEN LNMAA2. ISBN 3-540-60170-8 (print), 3-540-44662-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096338/>.

**Ustunel:1995:MI**

- [Üst95g] Ali Süleyman Üstünel. Meyer inequalities. *Lecture Notes in Mathematics*, 1610:19–25, 1995. CODEN LNMAA2. ISBN 3-540-60170-8 (print), 3-540-44662-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096331/>.

**Ustunel:1995:MIW**

- [Üst95h] Ali Süleyman Üstünel. Moment inequalities for Wiener functional. *Lecture Notes in Mathematics*, 1610:69–79, 1995. CODEN LNMAA2. ISBN 3-540-60170-8 (print), 3-540-44662-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096337/>.

**Ustunel:1995:PDA**

- [Üst95i] Ali Süleyman Üstünel. Positive distributions and applications. *Lecture Notes in Mathematics*, 1610:53–60, 1995. CODEN LNMAA2. ISBN 3-540-60170-8 (print), 3-540-44662-1 (e-book).

ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096335/>.

**Ustunel:1995:P**

- [Üst95j] Ali Süleyman Üstünel. Preliminaries. *Lecture Notes in Mathematics*, 1610:1–7, 1995. CODEN LNMAA2. ISBN 3-540-60170-8 (print), 3-540-44662-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096329/>.

**Ustunel:1995:SAD**

- [Üst95k] Ali Süleyman Üstünel. Some applications of the distributions. *Lecture Notes in Mathematics*, 1610:41–51, 1995. CODEN LNMAA2. ISBN 3-540-60170-8 (print), 3-540-44662-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096334/>.

**Ueno:1992:ZSF**

- [UT92] Kimio Ueno and Tadayoshi Takebayashi. Zonal spherical functions on quantum symmetric spaces and MacDonald's symmetric polynomials. *Lecture Notes in Mathematics*, 1510:142–147, 1992. CODEN LNMAA2. ISBN 3-540-55305-3 (print), 3-540-47020-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0101186/>.

**Ustunel:1997:CVF**

- [ÜZ97] A. S. Üstünel and M. Zakai. The change of variables formula on Wiener space. *Lecture Notes in Mathematics*, 1655:24–39, 1997. CODEN LNMAA2. ISBN 3-540-62634-4 (print), 3-540-68352-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0119289/>.

**Vaisala:1992:DM**

- [Väi92] Jussi Väisälä. Domains and maps. *Lecture Notes in Mathematics*, 1508:119–131, 1992. CODEN LNMAA2. ISBN 3-540-55418-1 (print), 3-540-47061-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094242/>.

**Vainikko:1993:CCA**

- [Vai93a] Gennadi Vainikko. Composite cubature algorithms. *Lecture Notes in Mathematics*, 1549:94–111, 1993. CODEN LNMAA2. ISBN

3-540-56878-6 (print), 3-540-47773-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0088985/>.

**Vainikko:1993:HOM**

- [Vai93b] Gennadi Vainikko. Higher order methods. *Lecture Notes in Mathematics*, 1549:112–136, 1993. CODEN LNMAA2. ISBN 3-540-56878-6 (print), 3-540-47773-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0088986/>.

**Vainikko:1993:MWS**

- [Vai93c] Gennadi Vainikko. *Multidimensional Weakly Singular Integral Equations*, volume 1549 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1993. CODEN LNMAA2. ISBN 3-540-56878-6 (print), 3-540-47773-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). xii + 159 pp. LCCN QA3 .L28 no. 1549. URL <http://link.springer.com/book/10.1007/BFb0088979>; <http://www.springerlink.com/content/978-3-540-47773-0>.

**Vainikko:1993:NIE**

- [Vai93d] Gennadi Vainikko. Nonlinear integral equation. *Lecture Notes in Mathematics*, 1549:137–144, 1993. CODEN LNMAA2. ISBN 3-540-56878-6 (print), 3-540-47773-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0088987/>.

**Vainikko:1993:ODC**

- [Vai93e] Gennadi Vainikko. Outlines of the discrete convergence theory. *Lecture Notes in Mathematics*, 1549:51–59, 1993. CODEN LNMAA2. ISBN 3-540-56878-6 (print), 3-540-47773-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0088983/>.

**Vainikko:1993:PCC**

- [Vai93f] Gennadi Vainikko. Piecewise constant collocation and related methods. *Lecture Notes in Mathematics*, 1549:60–93, 1993. CODEN LNMAA2. ISBN 3-540-56878-6 (print), 3-540-47773-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0088984/>.

**Vainikko:1993:P**

- [Vai93g] Gennadi Vainikko. Preliminaries. *Lecture Notes in Mathematics*, 1549:10–23, 1993. CODEN LNMAA2. ISBN 3-540-56878-6 (print), 3-540-47773-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0088981/>.

**Vainikko:1993:SS**

- [Vai93h] Gennadi Vainikko. Smoothness of the solution. *Lecture Notes in Mathematics*, 1549:24–50, 1993. CODEN LNMAA2. ISBN 3-540-56878-6 (print), 3-540-47773-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0088982/>.

**Vainikko:1993:SPL**

- [Vai93i] Gennadi Vainikko. Some problems leading to multidimensional weakly singular integral equations. *Lecture Notes in Mathematics*, 1549:1–9, 1993. CODEN LNMAA2. ISBN 3-540-56878-6 (print), 3-540-47773-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0088980/>.

**Valadier:1990:BM**

- [Val90a] Michel Valadier. Back matter. *Lecture Notes in Mathematics*, 1446:??, 1990. CODEN LNMAA2. ISBN 3-540-53120-3 (print), 3-540-46715-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/content/pdf/bbm:978-3-540-46715-1/1.pdf>.

**Valadier:1990:YM**

- [Val90b] Michel Valadier. Young measures. *Lecture Notes in Mathematics*, 1446:152–188, 1990. CODEN LNMAA2. ISBN 3-540-53120-3 (print), 3-540-46715-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084935/>.

**Valli:1990:ODN**

- [Val90c] Alberto Valli. On the one-dimensional Navier–Stokes equations for compressible fluids. *Lecture Notes in Mathematics*, 1431:173–179, 1990. CODEN LNMAA2. ISBN 3-540-52770-2 (print), 3-540-47141-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086068/>.

**Vallois:1994:OUI**

- [Val94] Pierre Vallois. Orthogonalité et uniforme intégrabilité de martingales. Étude d'une classe d'exemples. (French) []. *Lecture Notes in Mathematics*, 1583:73–91, 1994. CODEN LNMAA2. ISBN 3-540-58331-9 (print), 3-540-48656-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073834/>.

**vanderVorst:1990:CBP**

- [van90] H. A. van der Vorst. The convergence behaviour of preconditioned CG and CG-S in the presence of rounding errors. *Lecture Notes in Mathematics*, 1457:126–136, 1990. CODEN LNMAA2. ISBN 3-540-53515-2 (print), 3-540-46746-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0090905/>.

**VandenBergh:1991:DOS**

- [Van91] Michel Van den Bergh. Differential operators on semi-invariants for tori and weighted projective spaces. *Lecture Notes in Mathematics*, 1478:255–272, 1991. CODEN LNMAA2. ISBN 3-540-54377-5 (print), 3-540-47592-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083507/>.

**Vanhaecke:1996:ACI**

- [Van96a] Pol Vanhaecke. Algebraic completely integrable Hamiltonian systems. *Lecture Notes in Mathematics*, 1638:123–138, 1996. CODEN LNMAA2. ISBN 3-540-61886-4 (print), 3-662-21535-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-662-21535-7\\_5/](http://link.springer.com/chapter/10.1007/978-3-662-21535-7_5/).

**Vanhaecke:1996:BM**

- [Van96b] Pol Vanhaecke. Back matter. *Lecture Notes in Mathematics*, 1638:209–221, 1996. CODEN LNMAA2. ISBN 3-540-61886-4 (print), 3-662-21535-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/content/pdf/bbm:978-3-662-21535-7/1.pdf>.

**Vanhaecke:1996:FM**

- [Van96c] Pol Vanhaecke. Front matter. *Lecture Notes in Mathematics*, 1638:N2–viii, 1996. CODEN LNMAA2. ISBN 3-540-61886-4

(print), 3-662-21535-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/content/pdf/bfm:978-3-662-21535-7/1.pdf>.

**Vanhaecke:1996:GHH**

- [Van96d] Pol Vanhaecke. The Garnier and Hénon–Heiles potentials and the Toda lattice. *Lecture Notes in Mathematics*, 1638:171–208, 1996. CODEN LNMAA2. ISBN 3-540-61886-4 (print), 3-662-21535-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-662-21535-7\\_7/](http://link.springer.com/chapter/10.1007/978-3-662-21535-7_7/).

**Vanhaecke:1996:IHSb**

- [Van96e] Pol Vanhaecke. Integrable Hamiltonian systems and symmetric products of curves. *Lecture Notes in Mathematics*, 1638:67–93, 1996. CODEN LNMAA2. ISBN 3-540-61886-4 (print), 3-662-21535-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-662-21535-7\\_3/](http://link.springer.com/chapter/10.1007/978-3-662-21535-7_3/).

**Vanhaecke:1996:IHSA**

- [Van96f] Pol Vanhaecke. Integrable Hamiltonian systems on affine Poisson varieties. *Lecture Notes in Mathematics*, 1638:17–65, 1996. CODEN LNMAA2. ISBN 3-540-61886-4 (print), 3-662-21535-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-662-21535-7\\_2/](http://link.springer.com/chapter/10.1007/978-3-662-21535-7_2/).

**Vanhaecke:1996:ISR**

- [Van96g] Pol Vanhaecke. *Integrable Systems in the realm of Algebraic Geometry*, volume 1638 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1996. CODEN LNMAA2. ISBN 3-540-61886-4 (print), 3-662-21535-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). viii + 218 pp. LCCN QA3 .L28 no. 1638. URL <http://link.springer.com/book/10.1007/978-3-662-21535-7>; <http://www.springerlink.com/content/978-3-662-21535-7>.

**Vanhaecke:1996:IGA**

- [Van96h] Pol Vanhaecke. Interludium: the geometry of Abelian varieties. *Lecture Notes in Mathematics*, 1638:95–122, 1996. CODEN LNMAA2. ISBN 3-540-61886-4 (print), 3-662-21535-7 (e-book).

ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-662-21535-7\\_4/](http://link.springer.com/chapter/10.1007/978-3-662-21535-7_4/).

**Vanhaecke:1996:I**

- [Van96i] Pol Vanhaecke. Introduction. *Lecture Notes in Mathematics*, 1638:1–15, 1996. CODEN LNMAA2. ISBN 3-540-61886-4 (print), 3-662-21535-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-662-21535-7\\_1/](http://link.springer.com/chapter/10.1007/978-3-662-21535-7_1/).

**Vanhaecke:1996:MS**

- [Van96j] Pol Vanhaecke. The master systems. *Lecture Notes in Mathematics*, 1638:139–169, 1996. CODEN LNMAA2. ISBN 3-540-61886-4 (print), 3-662-21535-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-662-21535-7\\_6/](http://link.springer.com/chapter/10.1007/978-3-662-21535-7_6/).

**Varnhorn:1992:FSM**

- [Var92] Werner Varnhorn. A fractional step method for regularized Navier–Stokes equations. *Lecture Notes in Mathematics*, 1530: 196–209, 1992. CODEN LNMAA2. ISBN 3-540-56261-3 (print), 3-540-47498-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0090343/>.

**Varadhan:1993:BM**

- [Var93a] S. R. S. Varadhan. Back matter. *Lecture Notes in Mathematics*, 1551:??, 1993. CODEN LNMAA2. ISBN 3-540-56945-6 (print), 3-540-47832-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/content/pdf/bbm:978-3-540-47832-4/1.pdf>.

**Varadhan:1993:EMH**

- [Var93b] S. R. S. Varadhan. Entropy methods in hydrodynamic scaling. *Lecture Notes in Mathematics*, 1551:112–145, 1993. CODEN LNMAA2. ISBN 3-540-56945-6 (print), 3-540-47832-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0090931/>.

**Vasconcelos:1990:SA**

- [Vas90] Wolmer V. Vasconcelos. Symmetric algebras. *Lecture Notes in Mathematics*, 1430:115–160, 1990. CODEN LNMAA2. ISBN

3-540-52745-1 (print), 3-540-47136-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085540/>.

**Vasudevan:1992:RMM**

- [Vas92] R. Vasudevan. A representation of the multiplier module  $\text{hom}_A(A, W)$ . *Lecture Notes in Mathematics*, 1511:141–146, 1992. CODEN LNMAA2. ISBN 3-540-55365-7 (print), 3-540-47041-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093807/>.

**Vath:1997:BDP**

- [Vät97a] Martin Väth. Basic definitions and properties. *Lecture Notes in Mathematics*, 1664:7–27, 1997. CODEN LNMAA2. ISBN 3-540-63160-7 (print), 3-540-69192-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093550/>.

**Vath:1997:IS**

- [Vät97b] Martin Väth. *Ideal Spaces*, volume 1664 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1997. CODEN LNMAA2. ISBN 3-540-63160-7 (print), 3-540-69192-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). iv + 146 pp. LCCN QA3 .L28 no. 1664. URL <http://link.springer.com/book/10.1007/BFb0093548>; <http://www.springerlink.com/content/978-3-540-69192-1>.

**Vath:1997:ISP**

- [Vät97c] Martin Väth. Ideal spaces on product measures and calculus. *Lecture Notes in Mathematics*, 1664:75–104, 1997. CODEN LNMAA2. ISBN 3-540-63160-7 (print), 3-540-69192-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/BFb0093552/](http://link.springer.com/chapter/10.1007/BFb0093552).

**Vath:1997:ISA**

- [Vät97d] Martin Väth. Ideal spaces with additional properties. *Lecture Notes in Mathematics*, 1664:29–74, 1997. CODEN LNMAA2. ISBN 3-540-63160-7 (print), 3-540-69192-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/BFb0093551/](http://link.springer.com/chapter/10.1007/BFb0093551).

**Vath:1997:I**

- [Vät97e] Martin Väth. Introduction. *Lecture Notes in Mathematics*, 1664:1–6, 1997. CODEN LNMAA2. ISBN 3-540-63160-7 (print), 3-540-69192-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093549/>.

**Vath:1997:OA**

- [Vät97f] Martin Väth. Operators and applications. *Lecture Notes in Mathematics*, 1664:105–126, 1997. CODEN LNMAA2. ISBN 3-540-63160-7 (print), 3-540-69192-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093553/>.

**Varga:1990:AZP**

- [VC90] R. S. Varga and A. J. Carpenter. Asymptotics for the zeros of the partial sums of  $e^z$ . II. *Lecture Notes in Mathematics*, 1435:201–207, 1990. CODEN LNMAA2. ISBN 3-540-52768-0 (print), 3-540-47139-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0087909/>.

**vandenBerg:1991:MR**

- [vdB91] Imme P. van den Berg. Macroscopic rivers. *Lecture Notes in Mathematics*, 1493:190–209, 1991. CODEN LNMAA2. ISBN 3-540-54900-5 (print), 3-540-46471-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085032/>.

**vanderGeer:1993:PDC**

- [vdG93] Gerard van der Geer. Points of degree  $d$  on curves over number fields. *Lecture Notes in Mathematics*, 1566:111–116, 1993. CODEN LNMAA2. ISBN 3-540-57528-6 (print), 3-540-48208-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-540-48208-6\\_12/](http://link.springer.com/chapter/10.1007/978-3-540-48208-6_12/).

**vanderPut:1993:PT**

- [vdP93] Marius van der Put. The product theorem. *Lecture Notes in Mathematics*, 1566:77–82, 1993. CODEN LNMAA2. ISBN 3-540-57528-6 (print), 3-540-48208-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-540-48208-6\\_8/](http://link.springer.com/chapter/10.1007/978-3-540-48208-6_8/).

**vanderPut:1997:ADE**

- [vdPS97a] Marius van der Put and Michael F. Singer. Algorithms for difference equations. *Lecture Notes in Mathematics*, 1666:28–34, 1997. CODEN LNMAA2. ISBN 3-540-63243-3 (print), 3-540-69241-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096120/>.

**vanderPut:1997:CCF**

- [vdPS97b] Marius van der Put and Michael F. Singer. Classification and canonical forms. *Lecture Notes in Mathematics*, 1666:71–76, 1997. CODEN LNMAA2. ISBN 3-540-63243-3 (print), 3-540-69241-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096125/>.

**vanderPut:1997:DM**

- [vdPS97c] Marius van der Put and Michael F. Singer. Difference modules over  $\mathcal{P}$ . *Lecture Notes in Mathematics*, 1666:60–67, 1997. CODEN LNMAA2. ISBN 3-540-63243-3 (print), 3-540-69241-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096124/>.

**vanderPut:1997:EEG**

- [vdPS97d] Marius van der Put and Michael F. Singer. Examples of equations and Galois groups. *Lecture Notes in Mathematics*, 1666: 111–126, 1997. CODEN LNMAA2. ISBN 3-540-63243-3 (print), 3-540-69241-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096128/>.

**vanderPut:1997:EPC**

- [vdPS97e] Marius van der Put and Michael F. Singer. An excursion in positive characteristic. *Lecture Notes in Mathematics*, 1666:52–59, 1997. CODEN LNMAA2. ISBN 3-540-63243-3 (print), 3-540-69241-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096123/>.

**vanderPut:1997:GTD**

- [vdPS97f] Marius van der Put and Michael F. Singer. *Galois Theory of Difference Equations*, volume 1666 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1997. CODEN LNMAA2. ISBN 3-540-63243-3

(print), 3-540-69241-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). viii + 180 pp. LCCN QA3 .L28 no. 1666. URL <http://link.springer.com/book/10.1007/BFb0096118>; <http://www.springerlink.com/content/978-3-540-69241-6>.

vanderPut:1997:IPD

- [vdPS97g] Marius van der Put and Michael F. Singer. The inverse problem for difference equations. *Lecture Notes in Mathematics*, 1666:35–44, 1997. CODEN LNMAA2. ISBN 3-540-63243-3 (print), 3-540-69241-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096121>.

vanderPut:1997:MDE

- [vdPS97h] Marius van der Put and Michael F. Singer. Mild difference equations. *Lecture Notes in Mathematics*, 1666:95–110, 1997. CODEN LNMAA2. ISBN 3-540-63243-3 (print), 3-540-69241-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096127>.

vanderPut:1997:PVR

- [vdPS97i] Marius van der Put and Michael F. Singer. Picard–Vessiot rings. *Lecture Notes in Mathematics*, 1666:4–27, 1997. CODEN LNMAA2. ISBN 3-540-63243-3 (print), 3-540-69241-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096119>.

vanderPut:1997:DE

- [vdPS97j] Marius van der Put and Michael F. Singer.  $q$ -Difference equations. *Lecture Notes in Mathematics*, 1666:149–174, 1997. CODEN LNMAA2. ISBN 3-540-63243-3 (print), 3-540-69241-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096130>.

vanderPut:1997:RS

- [vdPS97k] Marius van der Put and Michael F. Singer. The ring  $S$  of sequences. *Lecture Notes in Mathematics*, 1666:45–51, 1997. CODEN LNMAA2. ISBN 3-540-63243-3 (print), 3-540-69241-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096122>.

**vanderPut:1997:SRD**

- [vdPS97l] Marius van der Put and Michael F. Singer. Semi-regular difference equations. *Lecture Notes in Mathematics*, 1666:77–94, 1997. CODEN LNMAA2. ISBN 3-540-63243-3 (print), 3-540-69241-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096126/>.

**vanderPut:1997:WDE**

- [vdPS97m] Marius van der Put and Michael F. Singer. Wild difference equations. *Lecture Notes in Mathematics*, 1666:127–148, 1997. CODEN LNMAA2. ISBN 3-540-63243-3 (print), 3-540-69241-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096129/>.

**Velte:1990:OCS**

- [Vel90] Waldemar Velte. On optimal constants in some inequalities. *Lecture Notes in Mathematics*, 1431:158–168, 1990. CODEN LNMAA2. ISBN 3-540-52770-2 (print), 3-540-47141-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086066/>.

**Vershik:1990:TQR**

- [Ver90] A. M. Vershik. On topological questions of real complexity theory and combinatorial optimization. *Lecture Notes in Mathematics*, 1453:263–270, 1990. CODEN LNMAA2. ISBN 3-540-53407-5 (print), 3-540-46861-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085960/>.

**Vershinini:1991:BRP**

- [Ver91] Vladimir V. Vershinin. On bordism rings with principal torsion ideal. *Lecture Notes in Mathematics*, 1474:295–309, 1991. CODEN LNMAA2. ISBN 3-540-54098-9 (print), 3-540-47403-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084753/>.

**Verdi:1994:NAP**

- [Ver94] Claudio Verdi. Numerical aspects of parabolic free boundary and hysteresis problems. *Lecture Notes in Mathematics*, 1584:213–284, 1994. CODEN LNMAA2. ISBN 3-540-58386-6 (print), 3-540-48678-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073398/>.

**vanGeemen:1992:PMP**

- [vG92] Bert van Geemen. Projective models of Picard modular varieties. *Lecture Notes in Mathematics*, 1515:68–99, 1992. CODEN LNMAA2. ISBN 3-540-55295-2 (print), 3-540-47016-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0098338/>.

**vanGeemen:1994:IHC**

- [vG94] Bert van Geemen. An introduction to the Hodge conjecture for Abelian varieties. *Lecture Notes in Mathematics*, 1594:233–252, 1994. CODEN LNMAA2. ISBN 3-540-58692-X (print), 3-540-49046-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-540-49046-3\\_5/](http://link.springer.com/chapter/10.1007/978-3-540-49046-3_5/).

**vanHamme:1990:TGM**

- [vH90] Lucien van Hamme. Three generalizations of Mahler’s expansion for continuous functions on  $\mathbf{Z}_p$ . *Lecture Notes in Mathematics*, 1454:356–361, 1990. CODEN LNMAA2. ISBN 3-540-53477-6 (print), 3-540-46906-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0091150/>.

**Vigué:1990:FPH**

- [Vig90] Jean-Pierre Vigué. Fixed points of holomorphic mappings. *Lecture Notes in Mathematics*, 1422:101–106, 1990. CODEN LNMAA2. ISBN 3-540-52434-7 (print), 3-540-46988-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0089409/>.

**Villani:1990:CGA**

- [Vil90] Vinicio Villani, editor. *Complex Geometry and Analysis: Proceedings of the International Symposium in honour of Edoardo Vesentini held in Pisa (Italy), May 23–27, 1988*, volume 1422 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1990. CODEN LNMAA2. ISBN 3-540-52434-7 (print), 3-540-46988-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1422. URL <http://link.springer.com/book/10.1007/BFb0089399>; <http://www.springerlink.com/content/978-3-540-46988-9>.

**Viola:1999:ATE**

- [Vio99] Carlo Viola, editor. *Arithmetic Theory of Elliptic Curves: Lectures given at the 3rd Session of the Centro Internazionale Matematico Estivo (C.I.M.E.) held in Cetraro, Italy, July 12–19, 1997*, volume 1716 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1999. CODEN LNMAA2. ISBN 3-540-66546-3 (print), 3-540-48160-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1716. URL <http://link.springer.com/book/10.1007/BFb0093451>; <http://www.springerlink.com/content/978-3-540-48160-7>.

**Vistoli:1992:EGG**

- [Vis92a] Angelo Vistoli. Equivariant Grothendieck groups and equivariant Chow groups. *Lecture Notes in Mathematics*, 1515:112–133, 1992. CODEN LNMAA2. ISBN 3-540-55295-2 (print), 3-540-47016-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0098341/>.

**Vistoli:1992:TE**

- [Vis92b] Angelo Vistoli. Trento examples. *Lecture Notes in Mathematics*, 1515:134–139, 1992. CODEN LNMAA2. ISBN 3-540-55295-2 (print), 3-540-47016-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0098342/>.

**Visintin:1994:PTH**

- [Vis94] Augusto Visintin, editor. *Phase Transitions and Hysteresis: Lectures given at the 3rd Session of the Centro Internazionale Matematico Estivo (C.I.M.E.) held in Montecatini Terme, Italy, July 13–21, 1993*, volume 1584 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1994. CODEN LNMAA2. ISBN 3-540-58386-6 (print), 3-540-48678-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1584. URL <http://link.springer.com/book/10.1007/BFb0073393>; <http://www.springerlink.com/content/978-3-540-48678-7>.

**Vorobev:1990:DCP**

- [VK90] Yu. M. Vorob'ev and M. V. Karasev. Deformation and cohomologies of Poisson brackets. *Lecture Notes in Mathematics*, 1453: 271–289, 1990. CODEN LNMAA2. ISBN 3-540-53407-5 (print),

3-540-46861-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085961/>.

**Vasavada:1992:ADS**

- [VM92] M. H. Vasavada and R. D. Mehta. Algebra direct sum decomposition of  $C_R(X)$ . *Lecture Notes in Mathematics*, 1511:113–119, 1992. CODEN LNMAA2. ISBN 3-540-55365-7 (print), 3-540-47041-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093804/>.

**vanNeerven:1992:T**

- [vN92a] Jan van Neerven. The  $\sigma(X, X^\odot)$ -topology. *Lecture Notes in Mathematics*, 1529:19–39, 1992. CODEN LNMAA2. ISBN 3-540-56260-5 (print), 3-540-47497-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085010/>.

**vanNeerven:1992:APS**

- [vN92b] Jan van Neerven. The adjoint of a positive semigroup. *Lecture Notes in Mathematics*, 1529:144–175, 1992. CODEN LNMAA2. ISBN 3-540-56260-5 (print), 3-540-47497-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085016/>.

**vanNeerven:1992:ASL**

- [vN92c] Jan van Neerven. *The Adjoint of a Semigroup of Linear Operators*, volume 1529 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1992. CODEN LNMAA2. ISBN 3-540-56260-5 (print), 3-540-47497-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). x + 195 pp. LCCN QA3 .L28 no. 1529. URL <http://link.springer.com/book/10.1007/BFb0085008>; <http://www.springerlink.com/content/978-3-540-47497-5>.

**vanNeerven:1992:AS**

- [vN92d] Jan van Neerven. The adjoint semigroup. *Lecture Notes in Mathematics*, 1529:1–18, 1992. CODEN LNMAA2. ISBN 3-540-56260-5 (print), 3-540-47497-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/BFb0085009/](http://link.springer.com/chapter/10.1007/BFb0085009).

**vanNeerven:1992:ASR**

- [vN92e] Jan van Neerven. Adjoint semigroups and the RNP. *Lecture Notes in Mathematics*, 1529:111–121, 1992. CODEN LNMAA2. ISBN 3-540-56260-5 (print), 3-540-47497-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085014/>.

**vanNeerven:1992:DT**

- [vN92f] Jan van Neerven. Dichotomy theorems. *Lecture Notes in Mathematics*, 1529:96–110, 1992. CODEN LNMAA2. ISBN 3-540-56260-5 (print), 3-540-47497-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085013/>.

**vanNeerven:1992:IED**

- [vN92g] Jan van Neerven. Interpolation, extrapolation and duality. *Lecture Notes in Mathematics*, 1529:40–68, 1992. CODEN LNMAA2. ISBN 3-540-56260-5 (print), 3-540-47497-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085011/>.

**vanNeerven:1992:PT**

- [vN92h] Jan van Neerven. Perturbation theory. *Lecture Notes in Mathematics*, 1529:69–95, 1992. CODEN LNMAA2. ISBN 3-540-56260-5 (print), 3-540-47497-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085012/>.

**vanNeerven:1992:TP**

- [vN92i] Jan van Neerven. Tensor products. *Lecture Notes in Mathematics*, 1529:122–143, 1992. CODEN LNMAA2. ISBN 3-540-56260-5 (print), 3-540-47497-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085015/>.

**Voisin:1994:TMS**

- [Voi94] Claire Voisin. Transcendental methods in the study of algebraic cycles. *Lecture Notes in Mathematics*, 1594:153–222, 1994. CODEN LNMAA2. ISBN 3-540-58692-X (print), 3-540-49046-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-540-49046-3\\_3/](http://link.springer.com/chapter/10.1007/978-3-540-49046-3_3/).

**Vojta:1993:AAA**

- [Voj93] Paul Vojta. Applications of arithmetic algebraic geometry to Diophantine approximations. *Lecture Notes in Mathematics*, 1553: 164–208, 1993. CODEN LNMAA2. ISBN 3-540-57110-8 (print), 3-540-47909-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084730/>.

**Voss:1992:WTC**

- [Vos92] Conny Voss. On the weights of trace codes. *Lecture Notes in Mathematics*, 1518:193–198, 1992. CODEN LNMAA2. ISBN 3-540-55651-6 (print), 3-540-47267-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0088002/>.

**Vuorinen:1992:QSM**

- [Vuo92] Matti Vuorinen, editor. *Quasiconformal Space Mappings: A collection of surveys 1960–1990*, volume 1508 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1992. CODEN LNMAA2. ISBN 3-540-55418-1 (print), 3-540-47061-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1508. URL <http://link.springer.com/book/10.1007/BFb0094234>; <http://www.springerlink.com/content/978-3-540-47061-8>.

**vonWahl:1990:NSC**

- [vW90] Wolf von Wahl. On necessary and sufficient conditions for the solvability of the equations  $\text{rot}\mu = \gamma$  and  $\text{div}\mu = \epsilon$  with  $\mu$  vanishing on the boundary. *Lecture Notes in Mathematics*, 1431: 152–157, 1990. CODEN LNMAA2. ISBN 3-540-52770-2 (print), 3-540-47141-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086065/>.

**vonWaldenfels:1996:CMK**

- [vW96] Wilhelm von Waldenfels. Continuous Maassen kernels and the inverse oscillator. *Lecture Notes in Mathematics*, 1626:117–161, 1996. CODEN LNMAA2. ISBN 3-540-61336-6 (print), 3-540-68463-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094646/>.

**Wacker:1992:IPC**

- [Wac92] Ulrich Wacker. Invariance principles and central limit theorems for nonadditive, stationary processes. *Lecture Notes in Mathematics*, 1514:198–228, 1992. CODEN LNMAA2. ISBN 3-540-55444-0 (print), 3-540-47076-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0097540/>.

**Wahlbin:1995:CSI**

- [Wah95a] Lars B. Wahlbin. Chapter 10. Superconvergence in isoparametric mappings of translation invariant meshes: an example. *Lecture Notes in Mathematics*, 1605:98–106, 1995. CODEN LNMAA2. ISBN 3-540-60011-6 (print), 3-540-49401-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096845/>.

**Wahlbin:1995:CIS**

- [Wah95b] Lars B. Wahlbin. A computational investigation of superconvergence for first derivatives in the plane. *Lecture Notes in Mathematics*, 1605:125–135, 1995. CODEN LNMAA2. ISBN 3-540-60011-6 (print), 3-540-49401-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096847/>.

**Wahlbin:1995:ISS**

- [Wah95c] Lars B. Wahlbin. Introduction to several space dimensions: some results about superconvergence in  $L_2$ -projections. *Lecture Notes in Mathematics*, 1605:42–47, 1995. CODEN LNMAA2. ISBN 3-540-60011-6 (print), 3-540-49401-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096839/>.

**Wahlbin:1995:LGP**

- [Wah95d] Lars B. Wahlbin. Local and global properties of  $L_2$ -projections. *Lecture Notes in Mathematics*, 1605:36–41, 1995. CODEN LNMAA2. ISBN 3-540-60011-6 (print), 3-540-49401-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096838/>.

**Wahlbin:1995:SNP**

- [Wah95e] Lars B. Wahlbin. On superconvergence in nonlinear problems. *Lecture Notes in Mathematics*, 1605:93–97, 1995. CODEN LNMAA2. ISBN 3-540-60011-6 (print), 3-540-49401-4 (e-book).

ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096844/>.

**Wahlbin:1995:RAS**

- [Wah95f] Lars B. Wahlbin. Remarks about some of the tools used in chapter 1. *Lecture Notes in Mathematics*, 1605:28–35, 1995. CODEN LNMAA2. ISBN 3-540-60011-6 (print), 3-540-49401-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096837/>.

**Wahlbin:1995:SOE**

- [Wah95g] Lars B. Wahlbin. Second order elliptic boundary value problems in any number of space dimensions: preliminary considerations on local and global estimates and presentation of the main technical tools for showing superconvergence. *Lecture Notes in Mathematics*, 1605:48–64, 1995. CODEN LNMAA2. ISBN 3-540-60011-6 (print), 3-540-49401-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096840/>.

**Wahlbin:1995:SOD**

- [Wah95h] Lars B. Wahlbin. Some one-dimensional superconvergence results. *Lecture Notes in Mathematics*, 1605:1–27, 1995. CODEN LNMAA2. ISBN 3-540-60011-6 (print), 3-540-49401-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096836/>.

**Wahlbin:1995:SAM**

- [Wah95i] Lars B. Wahlbin. Superconvergence by averaging: mainly, the  $K$ -operator. *Lecture Notes in Mathematics*, 1605:107–124, 1995. CODEN LNMAA2. ISBN 3-540-60011-6 (print), 3-540-49401-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096846/>.

**Wahlbin:1995:SLS**

- [Wah95j] Lars B. Wahlbin. Superconvergence by local symmetry. *Lecture Notes in Mathematics*, 1605:74–83, 1995. CODEN LNMAA2. ISBN 3-540-60011-6 (print), 3-540-49401-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096842/>.

**Wahlbin:1995:SDQ**

- [Wah95k] Lars B. Wahlbin. Superconvergence for difference quotients on translation invariant meshes. *Lecture Notes in Mathematics*, 1605: 84–92, 1995. CODEN LNMAA2. ISBN 3-540-60011-6 (print), 3-540-49401-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096843/>.

**Wahlbin:1995:SGF**

- [Wah95l] Lars B. Wahlbin. *Superconvergence in Galerkin Finite Element Methods*, volume 1605 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1995. CODEN LNMAA2. ISBN 3-540-60011-6 (print), 3-540-49401-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). xii + 166 pp. LCCN QA3 .L28 no. 1605. URL <http://link.springer.com/book/10.1007/BFb0096835>; <http://www.springerlink.com/content/978-3-540-49401-0>.

**Wahlbin:1995:STP**

- [Wah95m] Lars B. Wahlbin. Superconvergence in tensor-product elements. *Lecture Notes in Mathematics*, 1605:65–73, 1995. CODEN LNMAA2. ISBN 3-540-60011-6 (print), 3-540-49401-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096841/>.

**Waldschmidt:1990:IAN**

- [Wal90a] Michel Waldschmidt. Indépendance algébrique de nombres de Liouville. (French) []. *Lecture Notes in Mathematics*, 1415:225–235, 1990. CODEN LNMAA2. ISBN 3-540-52190-9 (print), 3-540-46919-2 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084891/>.

**Wall:1990:DLR**

- [Wal90b] G. E. Wall. Dependence of Lie relators for Burnside varieties. *Lecture Notes in Mathematics*, 1456:191–197, 1990. CODEN LNMAA2. ISBN 3-540-53475-X (print), 3-540-46900-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0100741/>.

**Wallach:1990:LM**

- [Wal90c] Nolan R. Wallach. Limit multiplicities in  $L^2(\Gamma \backslash G)$ . *Lecture Notes in Mathematics*, 1447:31–56, 1990. CODEN LNMAA2. ISBN

3-540-53422-9 (print), 3-540-46876-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085725/>.

**Wallet:1991:OAD**

- [Wal91a] Guy Wallet. Overstability in arbitrary dimension. *Lecture Notes in Mathematics*, 1493:57–70, 1991. CODEN LNMAA2. ISBN 3-540-54900-5 (print), 3-540-46471-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085024/>.

**Waltman:1991:BSP**

- [Wal91b] Paul Waltman. A brief survey of persistence in dynamical systems. *Lecture Notes in Mathematics*, 1475:31–40, 1991. CODEN LNMAA2. ISBN 3-540-54120-9 (print), 3-540-47418-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083477/>.

**Walsh:1993:SR**

- [Wal93] John B. Walsh. Some remarks on  $A(t, B_t)$ . *Lecture Notes in Mathematics*, 1557:173–176, 1993. CODEN LNMAA2. ISBN 3-540-57282-1 (print), 3-540-48034-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0087973/>.

**Wang:1990:EFJ**

- [Wan90] S. P. Wang. Embedding of Flensted–Jensen modules in  $L^2(\Gamma \backslash G)$  in the noncompact case. *Lecture Notes in Mathematics*, 1447:333–356, 1990. CODEN LNMAA2. ISBN 3-540-53422-9 (print), 3-540-46876-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085737/>.

**Wan:1991:VDI**

- [Wan91a] Yieh-Hei Wan. Versal deformations of infinitesimally symplectic transformations with antisymplectic involutions. *Lecture Notes in Mathematics*, 1463:301–320, 1991. CODEN LNMAA2. ISBN 3-540-53736-8 (print), 3-540-47047-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085438/>.

**Wang:1991:WCA**

- [Wan91b] Xue-Ping Wang. Weak coupling asymptotics of Schrödinger operators with Stark effect. *Lecture Notes in Mathematics*, 1494:185–195, 1991. CODEN LNMAA2. ISBN 3-540-54901-3 (print), 3-540-46474-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0087771/>.

**Wang:1994:HOC**

- [Wan94] Xiangdong Wang. The Hecke operators on the cusp forms of  $\Gamma_0(N)$  with nebentype. *Lecture Notes in Mathematics*, 1585:95–108, 1994. CODEN LNMAA2. ISBN 3-540-58387-4 (print), 3-540-48681-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0074111/>.

**Warren:1997:BPR**

- [War97] Jonathan Warren. Branching processes, the Ray–Knight theorem, and sticky Brownian motion. *Lecture Notes in Mathematics*, 1655:1–15, 1997. CODEN LNMAA2. ISBN 3-540-62634-4 (print), 3-540-68352-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0119287/>.

**Warren:1999:JSB**

- [War99] J. Warren. On the joining of sticky Brownian motion. *Lecture Notes in Mathematics*, 1709:257–266, 1999. CODEN LNMAA2. ISBN 3-540-66342-8 (print), 3-540-48407-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096515/>.

**Watanabe:1990:STA**

- [Wat90] Shinzo Watanabe. Short time asymptotic problems in Wiener functional integration theory. Applications to heat kernels and index theorems. *Lecture Notes in Mathematics*, 1444:1–62, 1990. CODEN LNMAA2. ISBN 3-540-53064-9 (print), 3-540-46596-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083609/>.

**Watanabe:1999:EMS**

- [Wat99] Shinzo Watanabe. The existence of a multiple spider martingale in the natural filtration of a certain diffusion in the plane.

*Lecture Notes in Mathematics*, 1709:277–290, 1999. CODEN LNMAA2. ISBN 3-540-66342-8 (print), 3-540-48407-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096517/>.

Wehlen:1990:ARM

- [Weh90] Joseph A. Wehlen. Azumaya rings and Maschke's Theorem. *Lecture Notes in Mathematics*, 1448:19–24, 1990. CODEN LNMAA2. ISBN 3-540-53164-5 (print), 3-540-46745-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0091247/>.

Weisz:1994:IVF

- [Wei94a] Ferenc Weisz. Inequalities for Vilenkin–Fourier coefficients. *Lecture Notes in Mathematics*, 1568:183–203, 1994. CODEN LNMAA2. ISBN 3-540-57623-1 (print), 3-540-48295-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073454/>.

Weisz:1994:MHS

- [Wei94b] Ferenc Weisz. *Martingale Hardy Spaces and their Applications in Fourier Analysis*, volume 1568 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1994. CODEN LNMAA2. ISBN 3-540-57623-1 (print), 3-540-48295-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). viii + 218 pp. LCCN QA3 .L28 no. 1568. URL <http://link.springer.com/book/10.1007/BFb0073448>; <http://www.springerlink.com/content/978-3-540-48295-6>.

Weisz:1994:OPM

- [Wei94c] Ferenc Weisz. One-parameter martingale Hardy spaces. *Lecture Notes in Mathematics*, 1568:13–79, 1994. CODEN LNMAA2. ISBN 3-540-57623-1 (print), 3-540-48295-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073450/>.

Weisz:1994:PN

- [Wei94d] Ferenc Weisz. Preliminaries and notations. *Lecture Notes in Mathematics*, 1568:1–12, 1994. CODEN LNMAA2. ISBN 3-540-57623-1 (print), 3-540-48295-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073449/>.

**Weisz:1994:RI**

- [Wei94e] Ferenc Weisz. Real interpolation. *Lecture Notes in Mathematics*, 1568:164–182, 1994. CODEN LNMAA2. ISBN 3-540-57623-1 (print), 3-540-48295-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073453>.

**Weisz:1994:TM**

- [Wei94f] Ferenc Weisz. Tree martingales. *Lecture Notes in Mathematics*, 1568:141–163, 1994. CODEN LNMAA2. ISBN 3-540-57623-1 (print), 3-540-48295-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073452>.

**Weisz:1994:TPM**

- [Wei94g] Ferenc Weisz. Two-parameter martingale Hardy spaces. *Lecture Notes in Mathematics*, 1568:80–140, 1994. CODEN LNMAA2. ISBN 3-540-57623-1 (print), 3-540-48295-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073451>.

**Werner:1994:REA**

- [Wer94] Wendelin Werner. Rate of explosion of the Ampèrean area of the planar Brownian loop. *Lecture Notes in Mathematics*, 1583: 153–163, 1994. CODEN LNMAA2. ISBN 3-540-58331-9 (print), 3-540-48656-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0073843>.

**Werner:1995:SRP**

- [Wer95] Wendelin Werner. Some remarks on perturbed reflecting Brownian motion. *Lecture Notes in Mathematics*, 1613:37–43, 1995. CODEN LNMAA2. ISBN 3-540-60219-4 (print), 3-540-44744-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094198>.

**Wesolowski:1993:MID**

- [Wes93] Jacek Wesolowski. Multivariate infinitely divisible distributions with the Gaussian second order conditional structure. *Lecture Notes in Mathematics*, 1546:180–183, 1993. CODEN LNMAA2. ISBN 3-540-56744-5 (print), 3-540-47645-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084495>.

**Wetton:1992:FDV**

- [Wet92] Brian T. R. Wetton. Finite difference vorticity methods. *Lecture Notes in Mathematics*, 1530:210–225, 1992. CODEN LNMAA2. ISBN 3-540-56261-3 (print), 3-540-47498-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0090344/>.

**Wicks:1991:FH**

- [Wic91a] Keith R. Wicks. *Fractals and Hyperspaces*, volume 1492 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1991. CODEN LNMAA2. ISBN 3-540-54965-X (print), 3-540-46610-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). vi + 168 pp. LCCN QA3 .L28 no. 1492. URL <http://link.springer.com/book/10.1007/BFb0089156>; <http://www.springerlink.com/content/978-3-540-46610-9>.

**Wicks:1991:HIS**

- [Wic91b] Keith R. Wicks. Hutchinson’s invariant sets. *Lecture Notes in Mathematics*, 1492:44–85, 1991. CODEN LNMAA2. ISBN 3-540-54965-X (print), 3-540-46610-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0089161/>.

**Wicks:1991:I**

- [Wic91c] Keith R. Wicks. Introduction. *Lecture Notes in Mathematics*, 1492:1–2, 1991. CODEN LNMAA2. ISBN 3-540-54965-X (print), 3-540-46610-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0089157>.

**Wicks:1991:NDH**

- [Wic91d] Keith R. Wicks. Nonstandard development of the Hausdorff metric. *Lecture Notes in Mathematics*, 1492:29–43, 1991. CODEN LNMAA2. ISBN 3-540-54965-X (print), 3-540-46610-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/BFb0089160/](http://link.springer.com/chapter/10.1007/BFb0089160).

**Wicks:1991:NDV**

- [Wic91e] Keith R. Wicks. Nonstandard development of the Vietoris topology. *Lecture Notes in Mathematics*, 1492:13–28, 1991. CODEN LNMAA2. ISBN 3-540-54965-X (print), 3-540-46610-X (e-book).

ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0089159/>.

**Wicks:1991:P**

- [Wic91f] Keith R. Wicks. Preliminaries. *Lecture Notes in Mathematics*, 1492:3–12, 1991. CODEN LNMAA2. ISBN 3-540-54965-X (print), 3-540-46610-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0089158/>.

**Wicks:1991:VFN**

- [Wic91g] Keith R. Wicks. Views and fractal notions. *Lecture Notes in Mathematics*, 1492:86–130, 1991. CODEN LNMAA2. ISBN 3-540-54965-X (print), 3-540-46610-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0089162/>.

**Wiegner:1990:DSS**

- [Wie90] Michael Wiegner. Decay and stability in  $L_p$  for strong solutions of the Cauchy problem for the Navier–Stokes equations. *Lecture Notes in Mathematics*, 1431:95–99, 1990. CODEN LNMAA2. ISBN 3-540-52770-2 (print), 3-540-47141-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086059/>.

**Wiegner:1992:AWS**

- [Wie92] Michael Wiegner. Approximation of weak solutions of the Navier–Stokes equations in unbounded domains. *Lecture Notes in Mathematics*, 1530:161–166, 1992. CODEN LNMAA2. ISBN 3-540-56261-3 (print), 3-540-47498-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0090340/>.

**Williams:1995:NLW**

- [Wil95] David Williams. Non-linear Wiener–Hopf theory, 1: an appetizer. *Lecture Notes in Mathematics*, 1613:155–161, 1995. CODEN LNMAA2. ISBN 3-540-60219-4 (print), 3-540-44744-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094207/>.

**Wildeshaus:1997:CCM**

- [Wil97a] Jörg Wildeshaus. The canonical construction of mixed sheaves on mixed Shimura varieties. *Lecture Notes in Mathematics*, 1650:

77–140, 1997. CODEN LNMAA2. ISBN 3-540-62460-0 (print), 3-540-49728-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093054/>.

**Wildeshaus:1997:I**

- [Wil97b] Jörg Wildeshaus. Introduction. *Lecture Notes in Mathematics*, 1650:1–21, 1997. CODEN LNMAA2. ISBN 3-540-62460-0 (print), 3-540-49728-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093052/>.

**Wildeshaus:1997:MSF**

- [Wil97c] Jörg Wildeshaus. Mixed structures on fundamental groups. *Lecture Notes in Mathematics*, 1650:23–76, 1997. CODEN LNMAA2. ISBN 3-540-62460-0 (print), 3-540-49728-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093053/>.

**Wildeshaus:1997:PEMc**

- [Wil97d] Jörg Wildeshaus. Polylogarithmic extensions on mixed Shimura varieties. Part III: The elliptic polylogarithm. *Lecture Notes in Mathematics*, 1650:249–335, 1997. CODEN LNMAA2. ISBN 3-540-62460-0 (print), 3-540-49728-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093057/>.

**Wildeshaus:1997:PEMa**

- [Wil97e] Jörg Wildeshaus. Polylogarithmic extensions on mixed Shimura varieties. Part I: Construction and basic properties. *Lecture Notes in Mathematics*, 1650:141–197, 1997. CODEN LNMAA2. ISBN 3-540-62460-0 (print), 3-540-49728-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093055/>.

**Wildeshaus:1997:PEMb**

- [Wil97f] Jörg Wildeshaus. Polylogarithmic extensions on mixed Shimura varieties. Part II: The classical polylogarithm. *Lecture Notes in Mathematics*, 1650:199–248, 1997. CODEN LNMAA2. ISBN 3-540-62460-0 (print), 3-540-49728-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093056/>.

**Wildeshaus:1997:RP**

- [Wil97g] Jörg Wildeshaus. *Realizations of Polylogarithms*, volume 1650 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1997. CODEN LNMAA2. ISBN 3-540-62460-0 (print), 3-540-49728-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). xii + 343 pp. LCCN QA3 .L28 no. 1650. URL <http://link.springer.com/book/10.1007/BFb0093051>; <http://www.springerlink.com/content/978-3-540-49728-8>.

**Winkler:1990:SWP**

- [Win90] R. Winkler. Strong Weyl property in uniform distribution. *Lecture Notes in Mathematics*, 1452:208–220, 1990. CODEN LNMAA2. ISBN 3-540-53408-3 (print), 3-540-46864-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096993/>.

**Winkelmann:1995:CTDc**

- [Win95a] Jörg Winkelmann. *The Classification of Three-Dimensional Homogeneous Complex Manifolds*, volume 1602 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1995. CODEN LNMAA2. ISBN 3-540-59072-2 (print), 3-540-49185-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). xii + 230 pp. LCCN QA3 .L28 no. 1602. URL <http://link.springer.com/book/10.1007/BFb0095837>; <http://www.springerlink.com/content/978-3-540-49185-9>.

**Winkelmann:1995:CTDa**

- [Win95b] Jörg Winkelmann. The classification of three-dimensional homogeneous complex manifolds  $X = G/H$  where  $G$  is a complex Lie group. *Lecture Notes in Mathematics*, 1602:20–84, 1995. CODEN LNMAA2. ISBN 3-540-59072-2 (print), 3-540-49185-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/BFb0095839/](http://link.springer.com/chapter/10.1007/BFb0095839).

**Winkelmann:1995:CTDb**

- [Win95c] Jörg Winkelmann. The classification of three-dimensional homogeneous complex manifolds  $X = G/H$  where  $G$  is a real Lie group. *Lecture Notes in Mathematics*, 1602:85–224, 1995. CODEN LNMAA2. ISBN 3-540-59072-2 (print), 3-540-49185-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/BFb0095840/](http://link.springer.com/chapter/10.1007/BFb0095840).

**Winkelmann:1995:S**

- [Win95d] Jörg Winkelmann. Survey. *Lecture Notes in Mathematics*, 1602:1–19, 1995. CODEN LNMAA2. ISBN 3-540-59072-2 (print), 3-540-49185-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0095838/>.

**Wirsching:1998:AAC**

- [Wir98a] G. J. Wirsching. 3-adic averages of counting functions. *Lecture Notes in Mathematics*, 1681:76–95, 1998. CODEN LNMAA2. ISBN 3-540-63970-5 (print), 3-540-69677-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0095989/>.

**Wirsching:1998:ACG**

- [Wir98b] G. J. Wirsching. Analysis of the Collatz graph. *Lecture Notes in Mathematics*, 1681:31–75, 1998. CODEN LNMAA2. ISBN 3-540-63970-5 (print), 3-540-69677-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0095988/>.

**Wirsching:1998:AHM**

- [Wir98c] G. J. Wirsching. An asymptotically homogeneous Markov chain. *Lecture Notes in Mathematics*, 1681:96–122, 1998. CODEN LNMAA2. ISBN 3-540-63970-5 (print), 3-540-69677-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0095990/>.

**Wirsching:1998:I**

- [Wir98d] G. J. Wirsching. Introduction. *Lecture Notes in Mathematics*, 1681:1–9, 1998. CODEN LNMAA2. ISBN 3-540-63970-5 (print), 3-540-69677-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0095986/>.

**Wirsching:1998:MPD**

- [Wir98e] G. J. Wirsching. Mixing and predecessor density. *Lecture Notes in Mathematics*, 1681:123–140, 1998. CODEN LNMAA2. ISBN 3-540-63970-5 (print), 3-540-69677-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0095991/>.

**Wirsching:1998:SIA**

- [Wir98f] G. J. Wirsching. Some ideas around  $3n + 1$  iterations. *Lecture Notes in Mathematics*, 1681:10–30, 1998. CODEN LNMAA2. ISBN 3-540-63970-5 (print), 3-540-69677-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0095987/>.

**Wirsching:1998:DSG**

- [Wir98g] Günther J. Wirsching. *The Dynamical System Generated by the  $3n + 1$  Function*, volume 1681 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1998. CODEN LNMAA2. ISBN 3-540-63970-5 (print), 3-540-69677-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). vii + 158 pp. LCCN QA3 .L28 no. 1681. URL <http://link.springer.com/book/10.1007/BFb0095985>; <http://www.springerlink.com/content/978-3-540-69677-3>.

**Wittmann:1992:FPR**

- [Wit92] Rainer Wittmann. Fixed point rays of nonexpansive mappings. *Lecture Notes in Mathematics*, 1514:229–233, 1992. CODEN LNMAA2. ISBN 3-540-55444-0 (print), 3-540-47076-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0097541/>.

**Wujie:1990:CPE**

- [WJ90] Shi Wujie and Bi Jianxing. A characteristic property for each finite projective special linear group. *Lecture Notes in Mathematics*, 1456:171–180, 1990. CODEN LNMAA2. ISBN 3-540-53475-X (print), 3-540-46900-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0100738/>.

**Wojtaszczyk:1991:SRA**

- [Woj91] P. Wojtaszczyk. Some remarks about the space of measures with uniformly bounded partial sums and Banach–Mazur distances between some spaces of polynomials. *Lecture Notes in Mathematics*, 1470:60–67, 1991. CODEN LNMAA2. ISBN 3-540-54206-X (print), 3-540-47493-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0090212/>.

**Wolpert:1991:SRS**

- [Wol91] Scott A. Wolpert. The spectrum of a Riemann surface with a cusp. *Lecture Notes in Mathematics*, 1468:203–226, 1991. CODEN LNMAA2. ISBN 3-540-54053-9 (print), 3-540-47370-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086195/>.

**Wolff:1992:HCF**

- [Wol92] Michael Wolff. Heat-conducting fluids with free surface in the case of slip-condition on the walls. *Lecture Notes in Mathematics*, 1530:56–70, 1992. CODEN LNMAA2. ISBN 3-540-56261-3 (print), 3-540-47498-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0090333/>.

**Wood:1998:DCF**

- [Woo98] Carol Wood. Differentially closed fields. *Lecture Notes in Mathematics*, 1696:129–141, 1998. CODEN LNMAA2. ISBN 3-540-64863-1 (print), 3-540-68521-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-540-68521-0\\_8/](http://link.springer.com/chapter/10.1007/978-3-540-68521-0_8/).

**Wojczyński:1998:BKT**

- [Woy98a] Wojbor A. Woyczyński. *Burgers-KPZ Turbulence: Göttingen Lectures*, volume 1700 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1998. CODEN LNMAA2. ISBN 3-540-65237-X (print), 3-540-49480-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). xii + 318 pp. LCCN QA3 .L28 no. 1700. URL <http://link.springer.com/book/10.1007/BFb0093107>; <http://www.springerlink.com/content/978-3-540-49480-5>.

**Wojczyński:1998:FBT**

- [Woy98b] Wojbor A. Woyczyński. Forced Burgers turbulence. *Lecture Notes in Mathematics*, 1700:135–201, 1998. CODEN LNMAA2. ISBN 3-540-65237-X (print), 3-540-49480-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/BFb0093113/](http://link.springer.com/chapter/10.1007/BFb0093113).

**Wojczyński:1998:FBK**

- [Woy98c] Wojbor A. Woyczyński. Fractal Burgers-KPZ models. *Lecture Notes in Mathematics*, 1700:271–298, 1998. CODEN LNMAA2. ISBN 3-540-65237-X (print), 3-540-49480-4 (e-book).

ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093115/>.

**Wojczynski:1998:HCF**

- [Woy98d] Wojbor A. Woyczyński. Hopf–Cole formula and its asymptotic analysis. *Lecture Notes in Mathematics*, 1700:25–42, 1998. CODEN LNMAA2. ISBN 3-540-65237-X (print), 3-540-49480-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093110/>.

**Wojczynski:1998:HLN**

- [Woy98e] Wojbor A. Woyczyński. Hydrodynamic limits, nonlinear diffusions, and propagation of chaos. *Lecture Notes in Mathematics*, 1700:13–24, 1998. CODEN LNMAA2. ISBN 3-540-65237-X (print), 3-540-49480-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093109/>.

**Wojczynski:1998:HAI**

- [Woy98f] Wojbor A. Woyczyński. Hyperbolic approximation and inviscid limit. *Lecture Notes in Mathematics*, 1700:97–133, 1998. CODEN LNMAA2. ISBN 3-540-65237-X (print), 3-540-49480-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093112/>.

**Wojczynski:1998:PTT**

- [Woy98g] Wojbor A. Woyczyński. Passive tracer transport in Burgers' and related flows. *Lecture Notes in Mathematics*, 1700:203–270, 1998. CODEN LNMAA2. ISBN 3-540-65237-X (print), 3-540-49480-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093114/>.

**Wojczynski:1998:SWL**

- [Woy98h] Wojbor A. Woyczyński. Shock waves and the large scale structure (LSS) of the universe. *Lecture Notes in Mathematics*, 1700:1–11, 1998. CODEN LNMAA2. ISBN 3-540-65237-X (print), 3-540-49480-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093108/>.

**Wojczynski:1998:SDP**

- [Woy98i] Wojbor A. Woyczyński. Statistical description, parabolic approximation. *Lecture Notes in Mathematics*, 1700:43–95, 1998.

CODEN LNMAA2. ISBN 3-540-65237-X (print), 3-540-49480-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093111/>.

**Wright:1990:LBP**

- [Wri90] Mary H. Wright. Links between prime ideals of a serial ring with Krull dimension. *Lecture Notes in Mathematics*, 1448:33–40, 1990. CODEN LNMAA2. ISBN 3-540-53164-5 (print), 3-540-46745-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0091249/>.

**Weiss:1990:DRD**

- [WS90] R. Weiss and W. Schönauer. Data reduction (dare) preconditioning for generalized conjugate gradient methods. *Lecture Notes in Mathematics*, 1457:137–153, 1990. CODEN LNMAA2. ISBN 3-540-53515-2 (print), 3-540-46746-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0090906/>.

**Wurgler:1991:MTS**

- [Wür91] Urs Würgler. Morava  $K$ -theories: a survey. *Lecture Notes in Mathematics*, 1474:111–138, 1991. CODEN LNMAA2. ISBN 3-540-54098-9 (print), 3-540-47403-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084741/>.

**Wadhwa:1992:AWB**

- [WY92] B. L. Wadhwa and B. S. Yadav. Approximation in weighted Banach spaces of power series. *Lecture Notes in Mathematics*, 1511: 33–46, 1992. CODEN LNMAA2. ISBN 3-540-55365-7 (print), 3-540-47041-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093795/>.

**Xambo-Descamps:1990:EGP**

- [XD90] Sebastian Xambó-Descamps, editor. *Enumerative Geometry: Proceedings of a Conference held in Sitges, Spain, June 1–6, 1987*, volume 1436 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1990. CODEN LNMAA2. ISBN 3-540-52811-3 (print), 3-540-47154-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1436. URL <http://link.springer.com/chapter/10.1007/BFb0093795/>

[/link.springer.com/book/10.1007/BFb0084038](http://link.springer.com/book/10.1007/BFb0084038); <http://www.springerlink.com/content/978-3-540-47154-7>.

**Xi:1994:AWM**

- [Xi94a] Nanhua Xi.  $q_s$ -Analogue of weight multiplicity. *Lecture Notes in Mathematics*, 1587:44–47, 1994. CODEN LNMAA2. ISBN 3-540-58389-0 (print), 3-540-48682-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0074134/>.

**Xi:1994:AWG**

- [Xi94b] Nanhua Xi. Affine Weyl groups and affine Hecke algebras. *Lecture Notes in Mathematics*, 1587:18–26, 1994. CODEN LNMAA2. ISBN 3-540-58389-0 (print), 3-540-48682-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0074132/>.

**Xi:1994:BRC**

- [Xi94c] Nanhua Xi. The based rings of cells in affine Weyl groups of type  $\widetilde{G}_2, \widetilde{B}_2, \widetilde{A}_2$ . *Lecture Notes in Mathematics*, 1587:102–115, 1994. CODEN LNMAA2. ISBN 3-540-58389-0 (print), 3-540-48682-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0074141/>.

**Xi:1994:ER**

- [Xi94d] Nanhua Xi. An equivalence relation in  $T \times \mathbf{C}^*$ . *Lecture Notes in Mathematics*, 1587:63–79, 1994. CODEN LNMAA2. ISBN 3-540-58389-0 (print), 3-540-48682-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0074136/>.

**Xi:1994:GTS**

- [Xi94e] Nanhua Xi. A generalized two-sided cell of an affine Weyl group. *Lecture Notes in Mathematics*, 1587:27–43, 1994. CODEN LNMAA2. ISBN 3-540-58389-0 (print), 3-540-48682-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0074133/>.

**Xi:1994:HA**

- [Xi94f] Nanhua Xi. Hecke algebras. *Lecture Notes in Mathematics*, 1587:1–17, 1994. CODEN LNMAA2. ISBN 3-540-58389-0 (print), 3-540-48682-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (elec-

tronic). URL <http://link.springer.com/chapter/10.1007/BFb0074131/>.

**Xi:1994:IAH**

- [Xi94g] Nanhua Xi. Isogenous affine Hecke algebras. *Lecture Notes in Mathematics*, 1587:93–98, 1994. CODEN LNMAA2. ISBN 3-540-58389-0 (print), 3-540-48682-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0074139/>.

**Xi:1994:KLC**

- [Xi94h] Nanhua Xi. Kazhdan–Lusztig classification on simple modules of affine Hecke algebras. *Lecture Notes in Mathematics*, 1587:48–62, 1994. CODEN LNMAA2. ISBN 3-540-58389-0 (print), 3-540-48682-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0074135/>.

**Xi:1994:LTS**

- [Xi94i] Nanhua Xi. The lowest two-sided cell. *Lecture Notes in Mathematics*, 1587:80–84, 1994. CODEN LNMAA2. ISBN 3-540-58389-0 (print), 3-540-48682-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0074137/>.

**Xi:1994:PSR**

- [Xi94j] Nanhua Xi. Principal series representations and induced modules. *Lecture Notes in Mathematics*, 1587:85–92, 1994. CODEN LNMAA2. ISBN 3-540-58389-0 (print), 3-540-48682-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0074138/>.

**Xi:1994:QA**

- [Xi94k] Nanhua Xi. Quotient algebras. *Lecture Notes in Mathematics*, 1587:99–101, 1994. CODEN LNMAA2. ISBN 3-540-58389-0 (print), 3-540-48682-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0074140/>.

**Xi:1994:RAH**

- [Xi94l] Nanhua Xi. *Representations of Affine Hecke Algebras*, volume 1587 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1994.

CODEN LNMAA2. ISBN 3-540-58389-0 (print), 3-540-48682-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). viii + 137 pp. LCCN QA3 .L28 no. 1587. URL <http://link.springer.com/book/10.1007/BFb0074130>; <http://www.springerlink.com/content/978-3-540-48682-4>.

Xi:1994:SMA

- [Xi94m] Nanhua Xi. Simple modules attached to  $c_1$ . *Lecture Notes in Mathematics*, 1587:116–128, 1994. CODEN LNMAA2. ISBN 3-540-58389-0 (print), 3-540-48682-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0074142>/.

Xia:1992:WCJ

- [Xia92] Aihua Xia. Weak convergence of jump processes. *Lecture Notes in Mathematics*, 1526:32–46, 1992. CODEN LNMAA2. ISBN 3-540-56021-1 (print), 3-540-47342-4 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084308>/.

Xiao:1998:APb

- [XL98a] Ti-Jun Xiao and Jin Liang. Almost periodicity. *Lecture Notes in Mathematics*, 1701:239–261, 1998. CODEN LNMAA2. ISBN 3-540-65238-8 (print), 3-540-49479-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-540-49479-9\\_7](http://link.springer.com/chapter/10.1007/978-3-540-49479-9_7)/.

Xiao:1998:APa

- [XL98b] Ti-Jun Xiao and Jin Liang. Analyticity and parabolicity. *Lecture Notes in Mathematics*, 1701:141–176, 1998. CODEN LNMAA2. ISBN 3-540-65238-8 (print), 3-540-49479-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-540-49479-9\\_4](http://link.springer.com/chapter/10.1007/978-3-540-49479-9_4)/.

Xiao:1998:BM

- [XL98c] Ti-Jun Xiao and Jin Liang. Back matter. *Lecture Notes in Mathematics*, 1701:263–309, 1998. CODEN LNMAA2. ISBN 3-540-65238-8 (print), 3-540-49479-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/content/pdf/bbm:978-3-540-49479-9/1.pdf>.

**Xiao:1998:CPH**

- [XL98d] Ti-Jun Xiao and Jin Liang. *The Cauchy Problem for Higher Order Abstract Differential Equations*, volume 1701 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1998. CODEN LNMAA2. ISBN 3-540-65238-8 (print), 3-540-49479-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). xii + 301 pp. LCCN QA3 .L28 no. 1701. URL <http://link.springer.com/book/10.1007/978-3-540-49479-9>; [http://www.springerlink.com/content/978-3-540-49479-9\\_978-3-540-49479-9](http://www.springerlink.com/content/978-3-540-49479-9_978-3-540-49479-9).

**Xiao:1998:DNC**

- [XL98e] Ti-Jun Xiao and Jin Liang. Differentiability and norm continuity. *Lecture Notes in Mathematics*, 1701:199–238, 1998. CODEN LNMAA2. ISBN 3-540-65238-8 (print), 3-540-49479-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-540-49479-9\\_6/](http://link.springer.com/chapter/10.1007/978-3-540-49479-9_6/).

**Xiao:1998:EGB**

- [XL98f] Ti-Jun Xiao and Jin Liang. Exponential growth bound and exponential stability. *Lecture Notes in Mathematics*, 1701:177–197, 1998. CODEN LNMAA2. ISBN 3-540-65238-8 (print), 3-540-49479-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-540-49479-9\\_5/](http://link.springer.com/chapter/10.1007/978-3-540-49479-9_5/).

**Xiao:1998:FM**

- [XL98g] Ti-Jun Xiao and Jin Liang. Front matter. *Lecture Notes in Mathematics*, 1701:N2–XII, 1998. CODEN LNMAA2. ISBN 3-540-65238-8 (print), 3-540-49479-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/content/pdf/bfm:978-3-540-49479-9/1.pdf>.

**Xiao:1998:GW**

- [XL98h] Ti-Jun Xiao and Jin Liang. Generalized wellposedness. *Lecture Notes in Mathematics*, 1701:85–140, 1998. CODEN LNMAA2. ISBN 3-540-65238-8 (print), 3-540-49479-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-540-49479-9\\_3/](http://link.springer.com/chapter/10.1007/978-3-540-49479-9_3/).

**Xiao:1998:LTO**

- [XL98i] Ti-Jun Xiao and Jin Liang. Laplace transforms and operator families in locally convex spaces. *Lecture Notes in Mathematics*, 1701:1–44, 1998. CODEN LNMAA2. ISBN 3-540-65238-8 (print), 3-540-49479-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-540-49479-9\\_1/](http://link.springer.com/chapter/10.1007/978-3-540-49479-9_1/).

**Xiao:1998:WS**

- [XL98j] Ti-Jun Xiao and Jin Liang. Wellposedness and solvability. *Lecture Notes in Mathematics*, 1701:45–83, 1998. CODEN LNMAA2. ISBN 3-540-65238-8 (print), 3-540-49479-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-540-49479-9\\_2/](http://link.springer.com/chapter/10.1007/978-3-540-49479-9_2/).

**Xu:1996:ACR**

- [Xu96a] Jinzhong Xu. Applications in commutative rings. *Lecture Notes in Mathematics*, 1634:107–151, 1996. CODEN LNMAA2. ISBN 3-540-61640-3 (print), 3-540-69992-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094179/>.

**Xu:1996:EC**

- [Xu96b] Jinzhong Xu. Envelopes and covers. *Lecture Notes in Mathematics*, 1634:5–25, 1996. CODEN LNMAA2. ISBN 3-540-61640-3 (print), 3-540-69992-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094175/>.

**Xu:1996:FCCa**

- [Xu96c] Jinzhong Xu. Flat covers and cotorsion envelopes. *Lecture Notes in Mathematics*, 1634:51–79, 1996. CODEN LNMAA2. ISBN 3-540-61640-3 (print), 3-540-69992-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094177/>.

**Xu:1996:FCM**

- [Xu96d] Jinzhong Xu. *Flat Covers of Modules*, volume 1634 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1996. CODEN LNMAA2. ISBN 3-540-61640-3 (print), 3-540-69992-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic).

x + 161 pp. LCCN QA3 .L28 no. 1634. URL <http://link.springer.com/book/10.1007/BFb0094173>; <http://www.springerlink.com/content/978-3-540-69992-7>.

**Xu:1996:FCCb**

- [Xu96e] Jinzhong Xu. Flat covers over commutative rings. *Lecture Notes in Mathematics*, 1634:81–106, 1996. CODEN LNMAA2. ISBN 3-540-61640-3 (print), 3-540-69992-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094178/>.

**Xu:1996:FT**

- [Xu96f] Jinzhong Xu. Fundamental theorems. *Lecture Notes in Mathematics*, 1634:27–50, 1996. CODEN LNMAA2. ISBN 3-540-61640-3 (print), 3-540-69992-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094176/>.

**Xu:1996:I**

- [Xu96g] Jinzhong Xu. Introduction. *Lecture Notes in Mathematics*, 1634:1–3, 1996. CODEN LNMAA2. ISBN 3-540-61640-3 (print), 3-540-69992-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094174/>.

**Xue:1990:ZOL**

- [Xue90] Xing-Xiong Xue. A zero-one law for integral functionals of the Bessel process. *Lecture Notes in Mathematics*, 1426:137–153, 1990. CODEN LNMAA2. ISBN 3-540-52694-3 (print), 3-540-47098-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083762/>.

**Xue:1992:ARI**

- [Xue92a] Weimin Xue. Artinian rings (II) — Azumaya’s exact rings. *Lecture Notes in Mathematics*, 1523:111–148, 1992. CODEN LNMAA2. ISBN 3-540-55770-9 (print), 3-540-47283-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0089075/>.

**Xue:1992:ARM**

- [Xue92b] Weimin Xue. Artinian rings with Morita duality (I). *Lecture Notes in Mathematics*, 1523:84–110, 1992. CODEN LNMAA2. ISBN

3-540-55770-9 (print), 3-540-47283-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0089074/>.

**Xue:1992:IMD**

- [Xue92c] Weimin Xue. Introduction to Morita duality. *Lecture Notes in Mathematics*, 1523:1–53, 1992. CODEN LNMAA2. ISBN 3-540-55770-9 (print), 3-540-47283-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0089072/>.

**Xue:1992:MDR**

- [Xue92d] Weimin Xue. Morita duality and ring extensions. *Lecture Notes in Mathematics*, 1523:54–83, 1992. CODEN LNMAA2. ISBN 3-540-55770-9 (print), 3-540-47283-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0089073/>.

**Xue:1992:OTR**

- [Xue92e] Weimin Xue. Other types of rings with duality. *Lecture Notes in Mathematics*, 1523:149–159, 1992. CODEN LNMAA2. ISBN 3-540-55770-9 (print), 3-540-47283-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0089076/>.

**Xue:1992:RMD**

- [Xue92f] Weimin Xue. *Rings with Morita Duality*, volume 1523 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1992. CODEN LNMAA2. ISBN 3-540-55770-9 (print), 3-540-47283-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). x + 167 pp. LCCN QA3 .L28 no. 1523. URL <http://link.springer.com/book/10.1007/BFb0089071>; <http://www.springerlink.com/content/978-3-540-47283-4>.

**Yajima:1990:SPS**

- [Yaj90] Kenji Yajima. On smoothing property of Schrödinger propagators. *Lecture Notes in Mathematics*, 1450:20–35, 1990. CODEN LNMAA2. ISBN 3-540-53393-1 (print), 3-540-46818-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084896/>.

**Yamaguchi:1990:SHE**

- [Yam90] Kohhei Yamaguchi. Self-homotopy equivalences and highly connected Poincaré complexes. *Lecture Notes in Mathematics*, 1425: 157–169, 1990. CODEN LNMAA2. ISBN 3-540-52658-7 (print), 3-540-47091-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083839/>.

**Yanqian:1990:RVF**

- [Yan90] Ye Yanqian. Rotated vector fields decomposition method and its application. *Lecture Notes in Mathematics*, 1455:385–392, 1990. CODEN LNMAA2. ISBN 3-540-53509-8 (print), 3-540-46722-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085403/>.

**Yan:1991:NWS**

- [Yan91a] J. A. Yan. Notes on the Wiener semigroup and renormalization. *Lecture Notes in Mathematics*, 1485:79–94, 1991. CODEN LNMAA2. ISBN 3-540-54616-2 (print), 3-540-38496-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0100848/>.

**Yan:1991:SRT**

- [Yan91b] J. A. Yan. Some remarks on the theory of stochastic integration. *Lecture Notes in Mathematics*, 1485:95–107, 1991. CODEN LNMAA2. ISBN 3-540-54616-2 (print), 3-540-38496-0 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0100849/>.

**Yanushkevichiene:1993:CRS**

- [Yan93] O. L. Yanushkevichiene. On the convergence of random symmetric polynomials. *Lecture Notes in Mathematics*, 1546:184–188, 1993. CODEN LNMAA2. ISBN 3-540-56744-5 (print), 3-540-47645-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084496/>.

**Yan:1996:AEH**

- [Yan96] J. A. Yan. An asymptotic evaluation of heat kernel for short time. *Lecture Notes in Mathematics*, 1626:104–107, 1996. CODEN LNMAA2. ISBN 3-540-61336-6 (print), 3-540-68463-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094644/>.

**Yap:1996:BTI**

- [Yap96a] Hian-Poh Yap. Basic terminology and introduction. *Lecture Notes in Mathematics*, 1623:1–6, 1996. CODEN LNMAA2. ISBN 3-540-60717-X (print), 3-540-49301-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092896/>.

**Yap:1996:CTT**

- [Yap96b] Hian-Poh Yap. Classification of type 1 and type 2 graphs. *Lecture Notes in Mathematics*, 1623:53–95, 1996. CODEN LNMAA2. ISBN 3-540-60717-X (print), 3-540-49301-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092901/>.

**Yap:1996:CPG**

- [Yap96c] Hian-Poh Yap. Complete  $r$ -partite graphs. *Lecture Notes in Mathematics*, 1623:15–24, 1996. CODEN LNMAA2. ISBN 3-540-60717-X (print), 3-540-49301-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092898/>.

**Yap:1996:CR**

- [Yap96d] Hian-Poh Yap. Concluding remarks. *Lecture Notes in Mathematics*, 1623:114–120, 1996. CODEN LNMAA2. ISBN 3-540-60717-X (print), 3-540-49301-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092904/>.

**Yap:1996:GHD**

- [Yap96e] Hian-Poh Yap. Graphs of high degree. *Lecture Notes in Mathematics*, 1623:35–52, 1996. CODEN LNMAA2. ISBN 3-540-60717-X (print), 3-540-49301-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092900/>.

**Yap:1996:GLD**

- [Yap96f] Hian-Poh Yap. Graphs of low degree. *Lecture Notes in Mathematics*, 1623:25–34, 1996. CODEN LNMAA2. ISBN 3-540-60717-X (print), 3-540-49301-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092899/>.

**Yap:1996:SBR**

- [Yap96g] Hian-Poh Yap. Some basic results. *Lecture Notes in Mathematics*, 1623:7–14, 1996. CODEN LNMAA2. ISBN 3-540-60717-X (print), 3-540-49301-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092897/>.

**Yap:1996:SUB**

- [Yap96h] Hian-Poh Yap. Some upper bounds for the total chromatic number of graphs. *Lecture Notes in Mathematics*, 1623:104–113, 1996. CODEN LNMAA2. ISBN 3-540-60717-X (print), 3-540-49301-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092903/>.

**Yap:1996:TCN**

- [Yap96i] Hian-Poh Yap. Total chromatic number of planar graphs. *Lecture Notes in Mathematics*, 1623:96–103, 1996. CODEN LNMAA2. ISBN 3-540-60717-X (print), 3-540-49301-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092902/>.

**Yap:1996:TCG**

- [Yap96j] Hian-Poh Yap. *Total Colourings of Graphs*, volume 1623 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1996. CODEN LNMAA2. ISBN 3-540-60717-X (print), 3-540-49301-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). viii + 131 pp. LCCN QA3 .L28 no. 1623. URL <http://link.springer.com/book/10.1007/BFb0092895>; <http://www.springerlink.com/content/978-3-540-49301-3>.

**Yau:1992:CSP**

- [Yau92] Shing-Tung Yau. The current state and prospects of geometry and nonlinear differential equations. *Lecture Notes in Mathematics*, 1525:29–39, 1992. CODEN LNMAA2. ISBN 3-540-56011-4 (print), 3-540-47341-6 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0089203/>.

**Yee:1990:GCT**

- [Yee90] Lee Peng Yee. Generalized convergence theorems for Denjoy-Perron integrals. *Lecture Notes in Mathematics*, 1419:97–109,

1990. CODEN LNMAA2. ISBN 3-540-52322-7 (print), 3-540-46955-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0083102/>.

Yang:1992:TMD

- [YK92] Kyeongcheol Yang and P. Vijay Kumar. On the true minimum distance of Hermitian codes. *Lecture Notes in Mathematics*, 1518: 99–107, 1992. CODEN LNMAA2. ISBN 3-540-55651-6 (print), 3-540-47267-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0087995/>.

Yevenes:1990:MRP

- [YR90] Antonio Córdova Yévenes and Stephan Ruscheweyh. On the maximal range problem for slit domains. *Lecture Notes in Mathematics*, 1435:33–44, 1990. CODEN LNMAA2. ISBN 3-540-52768-0 (print), 3-540-47139-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0087895/>.

Yadav:1992:FAO

- [YS92] B. S. Yadav and D. Singh, editors. *Functional Analysis and Operator Theory: Proceedings of a Conference held in Memory of U. N. Singh New Delhi, India, 2–6 August, 1990*, volume 1511 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1992. CODEN LNMAA2. ISBN 3-540-55365-7 (print), 3-540-47041-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1511. URL <http://link.springer.com/book/10.1007/BFb0093791>; <http://www.springerlink.com/content/978-3-540-47041-0>.

Yadav:1992:BMT

- [YSA92] B. S. Yadav, Dinesh Singh, and Sanjeev Agrawal. De Branges modules in  $H^2(\mathbf{C}^K)$  of the torus. *Lecture Notes in Mathematics*, 1511:55–74, 1992. CODEN LNMAA2. ISBN 3-540-55365-7 (print), 3-540-47041-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093797/>.

Yukich:1998:AE

- [Yuk98a] Joseph E. Yukich. Applications and examples. *Lecture Notes in Mathematics*, 1675:97–109, 1998. CODEN LNMAA2. ISBN

3-540-63666-8 (print), 3-540-69627-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093480/>.

**Yukich:1998:AEF**

- [Yuk98b] Joseph E. Yukich. Asymptotics for Euclidean functionals: The uniform case. *Lecture Notes in Mathematics*, 1675:32–52, 1998. CODEN LNMAA2. ISBN 3-540-63666-8 (print), 3-540-69627-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093476/>.

**Yukich:1998:GLP**

- [Yuk98c] Joseph E. Yukich. Geometric location problems. *Lecture Notes in Mathematics*, 1675:126–130, 1998. CODEN LNMAA2. ISBN 3-540-63666-8 (print), 3-540-69627-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093482/>.

**Yukich:1998:I**

- [Yuk98d] Joseph E. Yukich. Introduction. *Lecture Notes in Mathematics*, 1675:1–8, 1998. CODEN LNMAA2. ISBN 3-540-63666-8 (print), 3-540-69627-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093473/>.

**Yukich:1998:ICI**

- [Yuk98e] Joseph E. Yukich. Isoperimetry and concentration inequalities. *Lecture Notes in Mathematics*, 1675:64–77, 1998. CODEN LNMAA2. ISBN 3-540-63666-8 (print), 3-540-69627-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093478/>.

**Yukich:1998:MT**

- [Yuk98f] Joseph E. Yukich. Minimal triangulations. *Lecture Notes in Mathematics*, 1675:110–125, 1998. CODEN LNMAA2. ISBN 3-540-63666-8 (print), 3-540-69627-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093481/>.

**Yukich:1998:PTC**

- [Yuk98g] Joseph E. Yukich. *Probability Theory of Classical Euclidean Optimization Problems*, volume 1675 of *Lecture Notes in*

*Mathematics.* Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1998. CODEN LNMAA2. ISBN 3-540-63666-8 (print), 3-540-69627-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). x + 152 pp. LCCN QA3 .L28 no. 1675; QA3 L28 no. 1675 QA273.45. URL <http://link.springer.com/book/10.1007/BFb0093472>; <http://www.loc.gov/catdir/enhancements/fy0812/98010342-d.html>; <http://www.loc.gov/catdir/enhancements/fy0812/98010342-t.html>; <http://www.springerlink.com/content/978-3-540-69627-8>.

**Yukich:1998:RCH**

- [Yuk98h] Joseph E. Yukich. Rates of convergence and heuristics. *Lecture Notes in Mathematics*, 1675:53–63, 1998. CODEN LNMAA2. ISBN 3-540-63666-8 (print), 3-540-69627-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093477/>.

**Yukich:1998:SSE**

- [Yuk98i] Joseph E. Yukich. Subadditive and superadditive Euclidean functionals. *Lecture Notes in Mathematics*, 1675:18–31, 1998. CODEN LNMAA2. ISBN 3-540-63666-8 (print), 3-540-69627-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093475/>.

**Yukich:1998:SS**

- [Yuk98j] Joseph E. Yukich. Subadditivity and superadditivity. *Lecture Notes in Mathematics*, 1675:9–17, 1998. CODEN LNMAA2. ISBN 3-540-63666-8 (print), 3-540-69627-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093474/>.

**Yukich:1998:UTE**

- [Yuk98k] Joseph E. Yukich. Umbrella theorems for Euclidean functionals. *Lecture Notes in Mathematics*, 1675:78–96, 1998. CODEN LNMAA2. ISBN 3-540-63666-8 (print), 3-540-69627-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093479/>.

**Yukich:1998:WCG**

- [Yuk98l] Joseph E. Yukich. Worst case growth rates. *Lecture Notes in Mathematics*, 1675:131–137, 1998. CODEN LNMAA2. ISBN 3-540-63666-8 (print), 3-540-69627-X (e-book). ISSN 0075-8434

(print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0093483/>.

**Yurinsky:1995:FAM**

- [Yur95a] Vadim Vladimirovich Yurinsky. Fine asymptotics of moderate deviations. *Lecture Notes in Mathematics*, 1617:217–254, 1995. CODEN LNMAA2. ISBN 3-540-60311-5 (print), 3-540-44791-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092605/>.

**Yurinsky:1995:GRA**

- [Yur95b] Vadim Vladimirovich Yurinsky. Gaussian and related approximations for distributions of sums. *Lecture Notes in Mathematics*, 1617:163–216, 1995. CODEN LNMAA2. ISBN 3-540-60311-5 (print), 3-540-44791-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092604/>.

**Yurinsky:1995:GME**

- [Yur95c] Vadim Vladimirovich Yurinsky. Gaussian measures in Euclidean space. *Lecture Notes in Mathematics*, 1617:1–42, 1995. CODEN LNMAA2. ISBN 3-540-60311-5 (print), 3-540-44791-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092600/>.

**Yurinsky:1995:ISS**

- [Yur95d] Vadim Vladimirovich Yurinsky. Inequalities for seminorms: Sums of independent random vectors. *Lecture Notes in Mathematics*, 1617:79–122, 1995. CODEN LNMAA2. ISBN 3-540-60311-5 (print), 3-540-44791-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092602/>.

**Yurinsky:1995:RAL**

- [Yur95e] Vadim Vladimirovich Yurinsky. Rough asymptotics of large deviations. *Lecture Notes in Mathematics*, 1617:123–162, 1995. CODEN LNMAA2. ISBN 3-540-60311-5 (print), 3-540-44791-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092603/>.

**Yurinsky:1995:SGVa**

- [Yur95f] Vadim Vladimirovich Yurinsky. Seminorms of Gaussian vectors in infinite dimensions. *Lecture Notes in Mathematics*, 1617:43–

78, 1995. CODEN LNMAA2. ISBN 3-540-60311-5 (print), 3-540-44791-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092601/>.

**Yurinsky:1995:SGVb**

[Yur95g]

Vadim Vladimirovich Yurinsky. *Sums and Gaussian Vectors*, volume 1617 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1995. CODEN LNMAA2. ISBN 3-540-60311-5 (print), 3-540-44791-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). 254 (est.) pp. LCCN QA3 .L28 no. 1617. URL <http://link.springer.com/book/10.1007/BFb0092599>; <http://www.springerlink.com/content/978-3-540-44791-7>.

**Zabczyk:1999:PEH**

[Zab99]

J. Zabczyk. Parabolic equations on Hilbert spaces. *Lecture Notes in Mathematics*, 1715:117–213, 1999. CODEN LNMAA2. ISBN 3-540-66545-5 (print), 3-540-48161-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092419/>.

**Zaidenberg:1990:HRP**

[Zai90]

M. G. Zaidenberg. Holomorphic rigidity of polynomial polyhedrons and quasihomogeneity. *Lecture Notes in Mathematics*, 1453: 291–307, 1990. CODEN LNMAA2. ISBN 3-540-53407-5 (print), 3-540-46861-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085962/>.

**Zak:1991:SPD**

[Zak91]

F. L. Zak. Some properties of dual varieties and their applications in projective geometry. *Lecture Notes in Mathematics*, 1479:273–280, 1991. CODEN LNMAA2. ISBN 3-540-54456-9 (print), 3-540-38388-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086275/>.

**Zarhin:1991:LIL**

[Zar91a]

Yuri G. Zarhin. Linear irreducible Lie algebras and Hodge structures. *Lecture Notes in Mathematics*, 1479:281–297, 1991. CODEN LNMAA2. ISBN 3-540-54456-9 (print), 3-540-38388-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086276/>.

**Zarhin:1991:UP**

- [Zar91b] Yuri G. Zarhin. Ussr participants. *Lecture Notes in Mathematics*, 1479:298–300, 1991. CODEN LNMAA2. ISBN 3-540-54456-9 (print), 3-540-38388-3 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086277/>.

**Zvyagin:1992:PNE**

- [ZD92] V. G. Zvyagin and V. T. Dmitrienko. Properness of nonlinear elliptic differential operators in Hölder spaces. *Lecture Notes in Mathematics*, 1520:261–284, 1992. CODEN LNMAA2. ISBN 3-540-55583-8 (print), 3-540-47223-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084725/>.

**Zampieri:1993:DMR**

- [ZD93] Giuseppe Zampieri and Andrea D’Agnolo, editors. *D-modules, Representation Theory, and Quantum Groups: Lectures given at the 2nd Session of the Centro Internazionale Matematico Estivo (C.I.M.E.) held in Venezia, Italy, June 12–20, 1992*, volume 1565 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1993. CODEN LNMAA2. ISBN 3-540-57498-0 (print), 3-540-48195-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). LCCN QA3 .L28 no. 1565. URL <http://link.springer.com/book/10.1007/BFb0073464>; <http://www.springerlink.com/content/978-3-540-48195-9>.

**Zheng:1996:MTB**

- [Zhe96] Weian Zheng. Meyer’s topology and Brownian motion in a composite medium. *Lecture Notes in Mathematics*, 1626:108–116, 1996. CODEN LNMAA2. ISBN 3-540-61336-6 (print), 3-540-68463-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094645/>.

**Zieschang:1996:AAA**

- [Zie96a] Paul-Hermann Zieschang. *An Algebraic Approach to Association Schemes*, volume 1628 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1996. CODEN LNMAA2. ISBN 3-540-61400-1 (print), 3-540-68523-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (elec-

tronic). xii + 189 pp. LCCN QA3 .L28 no. 1628. URL <http://link.springer.com/book/10.1007/BFb0097032>; <http://www.springerlink.com/content/978-3-540-68523-4>.

**Zieschang:1996:AP**

- [Zie96b] Paul-Hermann Zieschang. Algebraic prerequisites. *Lecture Notes in Mathematics*, 1628:65–96, 1996. CODEN LNMAA2. ISBN 3-540-61400-1 (print), 3-540-68523-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0097035/>.

**Zieschang:1996:BR**

- [Zie96c] Paul-Hermann Zieschang. Basic results. *Lecture Notes in Mathematics*, 1628:1–32, 1996. CODEN LNMAA2. ISBN 3-540-61400-1 (print), 3-540-68523-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0097033/>.

**Zieschang:1996:DT**

- [Zie96d] Paul-Hermann Zieschang. Decomposition theory. *Lecture Notes in Mathematics*, 1628:33–64, 1996. CODEN LNMAA2. ISBN 3-540-61400-1 (print), 3-540-68523-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0097034/>.

**Zieschang:1996:RT**

- [Zie96e] Paul-Hermann Zieschang. Representation theory. *Lecture Notes in Mathematics*, 1628:97–121, 1996. CODEN LNMAA2. ISBN 3-540-61400-1 (print), 3-540-68523-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0097036/>.

**Zieschang:1996:TG**

- [Zie96f] Paul-Hermann Zieschang. Theory of generators. *Lecture Notes in Mathematics*, 1628:123–176, 1996. CODEN LNMAA2. ISBN 3-540-61400-1 (print), 3-540-68523-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0097037/>.

**Ziegler:1998:IST**

- [Zie98] Martin Ziegler. Introduction to stability theory and Morley rank. *Lecture Notes in Mathematics*, 1696:19–44, 1998. CODEN LNMAA2. ISBN 3-540-64863-1 (print), 3-540-68521-9 (e-book).

ISSN 0075-8434 (print), 1617-9692 (electronic). URL [http://link.springer.com/chapter/10.1007/978-3-540-68521-0\\_2/](http://link.springer.com/chapter/10.1007/978-3-540-68521-0_2/).

**Zimmermann:1998:HR**

- [Zim98a] Alexander Zimmermann. Historical remarks. *Lecture Notes in Mathematics*, 1685:151–154, 1998. CODEN LNMAA2. ISBN 3-540-64311-7 (print), 3-540-69748-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096373/>.

**Zimmermann:1998:I**

- [Zim98b] Alexander Zimmermann. Introduction. *Lecture Notes in Mathematics*, 1685:1–4, 1998. CODEN LNMAA2. ISBN 3-540-64311-7 (print), 3-540-69748-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096367/>.

**Zimmermann:1998:OTC**

- [Zim98c] Alexander Zimmermann. Onesided tilting complexes for group rings. *Lecture Notes in Mathematics*, 1685:81–104, 1998. CODEN LNMAA2. ISBN 3-540-64311-7 (print), 3-540-69748-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096371/>.

**Zimmermann:1998:SML**

- [Zim98d] Alexander Zimmermann. Some modular and local representation theory. *Lecture Notes in Mathematics*, 1685:51–80, 1998. CODEN LNMAA2. ISBN 3-540-64311-7 (print), 3-540-69748-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096370/>.

**Zimmermann:1998:TAS**

- [Zim98e] Alexander Zimmermann. Tilting with additional structure: twosided tilting complexes. *Lecture Notes in Mathematics*, 1685:105–149, 1998. CODEN LNMAA2. ISBN 3-540-64311-7 (print), 3-540-69748-9 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0096372/>.

**Zippin:1991:GAC**

- [Zip91] M. Zippin. A global approach to certain operator extension problems. *Lecture Notes in Mathematics*, 1470:78–84, 1991. CODEN

LNMAA2. ISBN 3-540-54206-X (print), 3-540-47493-5 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0090215/>.

**Zilbergleit:1990:SCD**

- [ZL90] L. V. Zilbergleit and V. V. Lychagin. Spencer cohomology of differential equations. *Lecture Notes in Mathematics*, 1453:121–136, 1990. CODEN LNMAA2. ISBN 3-540-53407-5 (print), 3-540-46861-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085951/>.

**Zoladek:1990:RDL**

- [Żoł90] Henryk Żoładek. Remarks on the delay of the loss of stability of systems with changing parameter. *Lecture Notes in Mathematics*, 1455:393–396, 1990. CODEN LNMAA2. ISBN 3-540-53509-8 (print), 3-540-46722-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085404/>.

**Zorich:1992:GHT**

- [Zor92] V. A. Zorich. The global homeomorphism theorem for space quasiconformal mappings, its development and related open problems. *Lecture Notes in Mathematics*, 1508:132–148, 1992. CODEN LNMAA2. ISBN 3-540-55418-1 (print), 3-540-47061-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0094243/>.

**Zvyagin:1992:ODF**

- [ZR92] V. G. Zvyagin and N. M. Ratiner. Oriented degree of Fredholm maps of non-negative index and its application to global bifurcation of solutions. *Lecture Notes in Mathematics*, 1520:111–137, 1992. CODEN LNMAA2. ISBN 3-540-55583-8 (print), 3-540-47223-1 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0084718/>.

**Zucker:1991:CSC**

- [Zuc91] Steven Zucker.  $L^p$ -cohomology and Satake compactifications. *Lecture Notes in Mathematics*, 1468:317–339, 1991. CODEN LNMAA2. ISBN 3-540-54053-9 (print), 3-540-47370-X (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0086199/>.

**Zuo:1999:HMF**

- [Zuo99a] Kang Zuo. Harmonic metrics on flat vector bundles. *Lecture Notes in Mathematics*, 1708:25–51, 1999. CODEN LNMAA2. ISBN 3-540-66312-6 (print), 3-540-48424-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092572/>.

**Zuo:1999:I**

- [Zuo99b] Kang Zuo. Introduction. *Lecture Notes in Mathematics*, 1708:1–9, 1999. CODEN LNMAA2. ISBN 3-540-66312-6 (print), 3-540-48424-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092570/>.

**Zuo:1999:NAH**

- [Zuo99c] Kang Zuo. Non-abelian Hodge theory, factorization theorems for non rigid or  $p$ -adic unbounded representations. *Lecture Notes in Mathematics*, 1708:52–103, 1999. CODEN LNMAA2. ISBN 3-540-66312-6 (print), 3-540-48424-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092573/>.

**Zuo:1999:P**

- [Zuo99d] Kang Zuo. Preliminaries. *Lecture Notes in Mathematics*, 1708:10–24, 1999. CODEN LNMAA2. ISBN 3-540-66312-6 (print), 3-540-48424-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092571/>.

**Zuo:1999:RFG**

- [Zuo99e] Kang Zuo. *Representations of Fundamental Groups of Algebraic Varieties*, volume 1708 of *Lecture Notes in Mathematics*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1999. CODEN LNMAA2. ISBN 3-540-66312-6 (print), 3-540-48424-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). viii + 135 pp. LCCN QA3 .L28 no. 1708. URL <http://link.springer.com/book/10.1007/BFb0092569>; <http://www.springerlink.com/content/978-3-540-48424-0>.

**Zuo:1999:SMR**

- [Zuo99f] Kang Zuo. Shafarevich maps for representations of fundamental groups, Kodaira dimension and Chern hyperbolicity of Shafarevich varieties. *Lecture Notes in Mathematics*, 1708:104–124, 1999.

CODEN LNMAA2. ISBN 3-540-66312-6 (print), 3-540-48424-8 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0092574/>.

Zvyagin:1990:SSS

- [Zvy90a] V. G. Zvyagin. On the structure of the set of solutions of a non-linear elliptic problem with fixed boundary conditions. *Lecture Notes in Mathematics*, 1453:309–320, 1990. CODEN LNMAA2. ISBN 3-540-53407-5 (print), 3-540-46861-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085963/>.

Zvyagin:1990:PEP

- [Zvy90b] V. G. Zvyagin. The properness of elliptic and parabolic differential operators. *Lecture Notes in Mathematics*, 1453:137–159, 1990. CODEN LNMAA2. ISBN 3-540-53407-5 (print), 3-540-46861-7 (e-book). ISSN 0075-8434 (print), 1617-9692 (electronic). URL <http://link.springer.com/chapter/10.1007/BFb0085952/>.