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(a, a') [SR84a, SR84a]. (a, b) [SS84b, SMD84, SR84a]. $(a, b\gamma)$ [SS84b, SMD84, SR84a]. $(a, b\gamma - \gamma)$ [SS84b, SMD84, SR84a]. (a, γ) [SR84a]. $(a, \gamma - \gamma)$ [SR84a]. (η, π) [BDG+84]. (n, γ) [Har81, Har84a]. $(np)^q$ [CLS+84]. + [LH88, SAC87, vdM84a]. 0 [Col80a, Col84a, Coo84b]. 1 [ELS88, ERB88, GS89, KT81, Ods84]. 1.6 [NAS87b]. 1/2 [KF84]. 10 [Col80a, Col84a]. **$11.50** [Eas80]. 15 [And84b, And84a]. 19 [And84b, And84a]. $1p$ [MNJL84]. 2 [Atz86, BPW84a, BPW84b, Cro88, ERB88, KT81, MCJ81, MCJ84, MN84b, RBMC86]. 2.5 [HL88]. 27 [And84b, And84a]. 3 [And84b, And84a, Car89, Cat89, CN87, JN85, Kir87, Moh89, SS81, Syk81, Via87, Wan87, YpMzCeCg85, vdV89]. 3/2 [Coo84b]. **$36.80** [Eas84a]. $3n$ [Sha84]. 4 [BLR82, BLR84, YpMzCeCg85]. **$45** [Taj86]. 5/2 [Cat89]. 6.3 [SB87]. 7 [And84b, And84a]. 8 [BS86b]. 9 [AS83, AS84, KA87, RRC89, SA83, SA84]. > [BKJ84]. $^+$ [BS84d, GS89, LH88]. $^+_2$ [WMCH84]. $^+e^-$ [SB87]. ^{10} [VBD88]. $^2\Sigma$ [Nai84, Nai86]. ^{3} [MZZ89]. ^{k} [Lew84b]. $_1$ [MZZ89]. $_2$

[DST80, DST84a, DST84b, JB80, Joh88, LNB+88, LH88, Mag84b, Rob80b, Rob84c, RS84a, RRG88, WMCH84]. $\frac{+}{2}$ [RS83, RS84d]. $_3$ [LH88]. A [BF84, Kac84]. $A(\gamma_v, D)R$ [TW83, TW84]. α [KKP82, KPH84, KKP84, Klo84a]. B [Cha84c]. b_n [BS84d]. β [LCH+81, Sch81, Sch83]. $\cdot$ [LCS84]. D [Hel80, All84c, Chi84b, DM87]. δW [GTR+81, TBG80]. e [SB87]. e^+ [TS89]. $e^{+-} \to q$ [BKJ84]. e^+e^- [BKJ84, FGK89, Rit84b, Sjö83, Sjö84a, Sjö86]. $e^+e^-\mu^+\mu^-$ [BDK86a]. $e^+e^- \to e^+e^-\mu^+\mu^-$ [BDK86c]. $e^+e^- \to \mu^+\mu^-$ [BKJ83]. $e^+e^- \to qq$ [BKJ83]. $e^+e^- \to \tau^+\tau^-$ [JW85]. e^- [TS89]. η [BFSG84]. f [AM84a]. $F_0(x)$ [SC84]. $F_m(z)$ [EMR84, Jak84]. g [CDN+87]. $H_n^{(1)}(z)$ [AM84b]. $H_n^{(2)}(z)$ [AM84b]. $Hx = eSx$ [Nas84]. I [GPS84, LJLC84, Hub84a]. $I = 2$ [Cat89]. $I = 3/2$ [DG84]. $I_nu(z)$ [Tho04a, Cam81, Cam84a, Cam84b, TB87]. IL [KPP84a]. J [CH88, Moo81a, Moo84a, Hub84a, Hub84b, RRC89, SG84a, Sha84]. J_0 [AM84c]. J_1 [AM84c]. j_n [AM84e]. $J_n(x)$ [Col80a, Col84a]. $J_n(z)$ [AM84b]. $J_\nu(x)$ [Cam84c]. jj [Dya86, Gra84a, PGB84]. k [Sim80, Sim84]. $K_\nu(z)$ [Cam81, Cam84a, Cam84b, TB87, Tho04a]. L [Gas84]. $l(r)$ [Del84b]. λ [Bar81b, Bar84c]. $\lambda\phi^4$ [Bai87]. LDU [Oya86]. LU [KPP84a]. m [MPIM86]. $m = 0$ [Köl81b, Köl84b]. $m = 1$ [Köl81b, Köl84b]. μ [MS87b]. $\mu^+\mu^-$ [BKJ84]. N [DW89, De 88, Duc80, KK84a, Mur88, VČ88, CN84, Man87a, Mor84e]. ν [Cam84d]. O(3) [MPS84]. $O(\alpha^3)$ [JW85]. P [Ben82, All84c, FBS88, FBS89]. $P^m_{-1/2+i\tau}(x)$ [Köl81b, Köl84b]. $P_L^M(x)$ [Del84a]. p_T [BI85]. π [Sch86c]. $p \perp$ [IW87, Ing87]. pT [Ben84b]. QR [BM85b]. R [BBM82, BBM84, BBC+84, Cla84, DK87b, Lew84b, Mor84c, SB82, ST82a, ST84c, Sho81, Sho84, TBB87]. r^{-n} [Rud84]. ρ [BFSG84]. $s = 1$ [MGTD84]. S_n [SM84c]. SU(2) [AM81, AM84d, CM85, KLS+89, Sha84, CGGK85]. SU(3) [AD84, Bra84d, Bra84e, BS86b, CN84, CDL88, Hoe86a, KN86, MHP84, VBD88, BMR84, KM85]. SU(N) [AMC83, AMC84, CM83, CM84e, DMM83, DMM84b, MT86]. SU3 [MNJL84]. $\tau^\pm \to X^\pm$ [JW85]. $\to$ [SAC87, vdM84a, Le 89]. U [BRB89]. U(1) [CMS83, CMS84, DMM84a, EMM81]. U(3) [DLPL89, MPS84]. U(5) $\supset$ O(5) $\supset$ O(3) [YP88, YP89]. U(N) [AMC83, AMC84, DLPL89, DMM83, DMM84b]. U(n) $\times$ SU(m) [KS84a]. U_A1 [Via87]. V [Ano88t]. $W^\pm$ [LO86, Odo84d]. $y'' = g(x)y + r(x)$ [Col80b]. Y_2^0 [Hir84]. Y_4^0 [Hir84]. y_n [AM84e]. $Y_n(z)$ [AM84b]. Z [Lew84c]. Z^0 [LO86, Odo84d]. Z_0 [BKJ83, BKJ84].

-annihilation [Rit84b]. **-body** [Man87a, YpMzCeCg85, DW89, Mur88]. **-centroids** [DK87b]. **-coupling** [Gra84a, PGB84]. **-d** [BLR82, BLR84, ELS88, Atz86, Car89, CN87, Cro88, ERB88, Moh89, Ods84]. **-dimensional** [DM87, Kir87, De 88, VČ88]. **-expansion** [Lew84c]. **-factors** [CDN+87]. **-fermion** [Duc80]. **-harmonics** [Gas84]. **-He** [Rob84c]. **-Matrix** [ST84c, Sho84, BBM82, BBM84, BBC+84, Cla84, Mor84c, SB82, ST82a, Sho81, TBB87]. **-particle** [Mor84e]. **-plane** [BDG+84]. **-point**

[AS83, AS84, KA87, SA83, SA84]. **-shell** [MNJL84]. **-space** [Sim80, Sim84]. **-spin** [Hub84a]. **-spline** [Cha84c]. **-square** [Moo81a, Moo84a]. **-systems** [Sch86c]. **-transform** [BRB89]. **-version** [FBS88, FBS89]. **-zeros** [Cam84d].

0-19-853614-3 [Gri87]. **0-387-19466-5** [Ano89h]. **0-7458-0019-X** [Jes87].

1 [Art85a, Dic82, DR82, FR81, Fin82, Fin84a, KJ85, PCM85, SG82, SB82]. **1/2** [Hei84, Lan84a, SDH84]. **10** [KC81a, KC81b, MKRJ89]. **10-P** [MKRJ89]. **100** [Ano89x]. **100/200** [MMM85]. **1000** [KKLS82]. **108** [Sta87b]. **11** [DGK+81]. **11-banded** [CKA89]. **110.00** [Man86]. **12.95/$20.00** [Duc86]. **14.95** [Jes87]. **16/32** [BBE+81]. **164** [MB83]. **169** [Sch86a]. **1983** [Ano82a]. **1986** [Gri87]. **1987-1997** [New87]. **1A** [CRPL81, CRPL84]. **1s** [THH82]. **1st** [Wai87].

2 [BO80, Eas89, RWZ87, Rob85]. **2.0** [PCL89]. **200** [MMM85, VH87]. **205** [BM82b, BM82c, BCM83a, BM84a, BM86, BSDM88, BA86, Car89, CMO86, Dic82, HVS87, KW84a, Pur82, Tol85, VSH83, VBD88]. **205-ETA** [VBD88]. **21-25** [Ano82-30]. **22.50** [Eas82]. **225.00** [Bra86]. **230-75** [MTN+82]. **27.20** [And86]. **2nd** [Bra86, Wai87]. **2O** [Laa86].

3 [Ano89h, Eas84a, Eas87a, Eas89]. **3-540-11147-6** [Eas84a]. **3-540-13401-8** [Sta87b]. **3-540-16966-0** [Fin87]. **3-540-18909-2** [Eas89]. **3-540-19466-5** [Ano89h]. **3-D** [Eas87a]. **3081/E** [Sph87]. **3090/VF** [Suc87]. **31** [KS08]. **32-bit** [VGD+89]. **34A** [DCC84]. **36** [Tho04b]. **370/165** [HRR84]. **3d** [And83b, And83a]. **3rd** [Ano89a].

41 [Ran87a]. **47** [Tho04a]. **488** [KKLS82].

5 [AGH+88, Ano89h, HR86a, HR86b]. **50** [RR84].

6 [Car80, Eas84a]. **64** [Ost85]. **68000** [BvEF85].

7 [OCC80]. **77** [Bru86, Nad86a]. **780** [VGD+89]. **780/E** [VGD+89]. **7th** [Ano88-27].

8088/8086 [CG87]. **88** [CC89a, CC89b]. **8x** [Met87, RW85].

9.95 [Nad86a]. **90** [Art85a, Rob85]. **90-277-1591-2** [Rob85]. **90-277-1597-1** [Art85a].

= [CH88, MPIM86].

A-three [Aue84]. **AAKF** [FS84c]. **AAKL** [Sax84c]. **AAKP** [Sax84b, Sax84a]. **ab-initio** [OCC84, OCC80]. **Abacus** [LU83, LU84].

ABEL [BD82, FC84a, BD84b, FS84a]. **Abelian** [KR88]. **ablation** [NF83, NF84]. **Abscissae** [Tak88a, Tak88b]. **Absorption** [GS83, All84b, AHVV86, CHMM84, DPH82, DPH84, GH83, GH84a, JBWW86, Le 89, MGK86, Mor84a, VSP86]. **abuse** [BBD+89]. **accelerated** [Bas87c, BKK86]. **accelerating** [BBR89a]. **acceleration** [IP88]. **Accelerator** [Gou88, And88, Ano81f, ABD82, ABD84, BT84a, Kon84, Ods80]. **access** [Ghi87]. **accessible** [BvSW84]. **accompanying** [TW89a]. **according** [AI86, Wil84b]. **account** [HK83, HK84b]. **accretion** [Rob87b]. **Accuracy** [Hay89a, Bar81a, Bar81b, Bar84c, BD82, BD84b, Eas87b, GB87, Jam88, Lis84, PS88, Sea84b, TB87, TV86]. **Accurate** [AM84b, Poo83, Di 86, Di 87]. **acetylene** [CH88, FH88a]. **Acoustic** [Nor82, Nor84b]. **ACP** [BAA+87, GAA+87, Sli89]. **ACQI** [Klo82, Klo84a]. **ACQN** [HBJ84, NA84]. **acquisition** [CMH87, CDF+89, CSMHT88, CH84c, CHJZ89, Gai89, LBK88, PF86, SEF+89, SBB+89, SdAD+88, Tha89, Whi89b]. **ACRL** [BTS84a]. **acrz** [God84]. **ACTIV** [Zlo82, Zlo84a]. **Ada** [Zal88, Pyl85, WHD86]. **Adam** [Duc86, Eas82, Lis88]. **Adam-Hilger** [Eas82]. **ADAMO** [KPST89, QTZ+87]. **Adams** [Moo84e]. **Adams-Gaunt** [Moo84e]. **adapt** [Jac85b, Jac85a]. **Adaptation** [CT84b, DM86a, GH84b, HBJ84, Hib84b, Hib84a, LT87, MRW84, Sax84b, Sax84a, SCF86, Deu84c, God84, Hub84f, Klo82, Klo84a, MW84a, MW84b, MW84c, MT84b, Wil84a]. **Adaptations** [Ten84b, HA83, HA84a]. **Adapted** [FS84c, JT84b, BTS84a, IB87, JT83, NA84, PZCC89, Sax84c, Ská81, Ská84]. **Adaptive** [Fri88, MN80, WMN85, Lew82, Lew84a]. **Adaptive-grid** [WMN85]. **addendum** [Blo82b]. **addressable** [KC81b, KC84a, Köb89]. **adiabatic** [BMV83, BMV84, Hen84, Joh88, NW84, ONP89, WW84b]. **adjoint** [AMC83, AMC84]. **adjuster** [Han84f]. **adsorbates** [SP86]. **adsorbed** [SP87]. **advanced** [Vie88]. **advances** [Van81b]. **advantages** [HW84a]. **adverse** [LM84]. **afterglows** [LNS84]. **Aftran** [CRV+89]. **aggregation** [SM86]. **aid** [DRD88, FC84b]. **aided** [JB80, Vie88]. **air** [GHO+89, Goo84]. **Airy** [Moo81b, Moo84b]. **Akima** [DU89]. **Alacant** [Abr88]. **ALAM** [Mor80, Mor84d]. **albedo** [Moh89]. **ALEPH** [CMH87, CGMS89, DFOP89, Kel87, QTZ+87]. **Alfven** [WBG84, Ter88]. **Algebra** [Har89, DVD87, FOW87, IKRT89, Eas89]. **Algebraic** [Stu88, YP89, AT84, BO80, FE88, KRSV82, KP81b, Pro82b, Pro82a, Pro84, SC89, III88, YP88]. **algebraically** [CW80, CW84a]. **algebras** [CT89, Ran86, Ran87a, RWZ87, Ran87b]. **Algol** [Jab84, KPPR84, SMD84]. **Algorithm** [CM84a, Moo80, Moo84c, AB86, BTWN87, BM82b, BM82c, BM84a, Bar81a, BB84c, BVL84, BLR82, BLR84, BMK89, BH89, Can81, CSC89, CGGK85, CAP86b, Cli82, CM83, CMM84, CM84e, Das83, DM87, FS85a, FS85b, HDK84, HP83, HP84, Hel82, JSB82, KN86, Klu84b, KRSV82, KM85, Mag81, MF81, MMS87, MHP84, MKRJ89, NFH+88, Nex89, Par89b, SSM85, SCC+88, SM85f, SM86, TB85, Tho04b, TBG80, Ver82, Wan87, WMH82, Wie86b].

Algorithms [Cha84a, GLC89, LBY86, Nes84, Sal87, WH81, BES82, BMBW85, CO84, Cla82a, Dru83, Eas87b, FR82, Hau87, Hoc82, Kra86a, MMBW88, MMM85, MN84a, McC89, Reg81, Sam85, Sco89, Tou89, Ves89, WH85, Wil88, WSV88, Eas82]. **aligned** [RSL+84]. **alkali** [Moo84h]. **alkali-like** [Moo84h]. **all-purpose** [vM84a]. **alliant** [Par89b]. **Allison** [Moh80, Moh84]. **allocation** [Dob85, Mat87]. **Allowed** [Hub84a]. **allowing** [KS86b, KK84b]. **alloys** [BP84c, Isl81, Isl84a]. **along** [CCR88]. **Alpha** [PIM82, PIM84a, SDH84]. **Alpha-decay** [PIM82, PIM84a]. **alternating** [TDS81, TDS84]. **ambiguous** [Bas87b]. **AMDS** [HS84]. **Amending** [Cre84c, Cre80b]. **amorphous** [WW84b]. **amount** [BLMU81, TTT87]. **amplification** [RS84a]. **amplitude** [BWBL88, BB84b, Bas87a, FBW82]. **Amplitudes** [BS83, BS84a, Moo84h, AMK81, AMK84, Bar83, Bar84e, GPS84, KKS87, Pia84, PS84b, PP85, Tak85a]. **AMPTE** [BBH+88]. **Amsterdam** [Bra86, Tru88, Her82b]. **analogue** [BGMM81]. **analyser** [CHMM84]. **analysing** [CSC+86, KEMP81, KE84b, KEMP84, KE84a, Puf83, Puf84, RA82, RA84, VDM84b, War84]. **Analysis** [ASM80, ASM84, BB84a, BCM84a, Cot87, Eas87a, Gri87, HEL84, IA84, Nur85, RW86, Sal84b, AI88, AK84, AWG84, BLMU81, BSK88, BES82, BPA84, Ber87c, BR85, BBC+87, BE89, BCVZ89, Bur87, CKT89, CT84a, CH84c, DG89, De 84a, Dun87, EHH88, FP89, Gal84, GV87, Gir81, Gre88, Hla86, Hoe89, IA80, Irv82, JR84, KN86, Ken89b, KLGT85, KK85, KB86a, KN84a, KAR81, KAR84b, Lis84, MGD81, Mur88, NM84, PS84c, RM89, Sch82a, Sea84a, Sko89, Szé85, TAK+85b, Ver82, Via87, Vie88, WW84a, WW84c, WV80, WV84, Zlo84b, vM84d, vM84e, vM84b]. **Analytic** [BOT86, Bou87, CN84, BCM83b, BCM84b, CC84, Goo84, MP81b, MP84b, Sea82, Sea84c, Tro84, Lab84c]. **Analytical** [Ger80, Nes88, YB86, MN84b]. **analyze** [Eks84, Ver83, Ver84a, WC85]. **analyzing** [FMS87]. **and/or** [TS89]. **angle** [BDK86c, BKD83, BKD84, Deu84a, Deu84b, Deu84c, Deu84d, WML+82]. **Angular** [SAC87, SB82, Tam84, AB83, BRTB84, BRT84, BGMP84, BC83a, BC84a, Bra87a, CW80, CDW82, CW84a, CDW84, Eks84, Gra84b, Gra84c, Hib84b, Hib84a, Hib84d, Hib84e, Hub84a, KEMP81, KEMP84, Lab84b, Lan84b, Rao81, RV84, RRC89, RSL+84, SS84b, SDH84, TTW84a, TTW84b, Tak85a, TC87, VVM84, Wie85]. **anharmonic** [ST84b]. **animals** [RL80]. **anisotropic** [Cap86a, LB84, Pet84]. **anisotropy** [Nor82, Nor84b]. **Anna** [AK84]. **annealing** [SNH+88]. **annihilation** [Câm82, Câm84g, DLB83, DLB84, FGK89, Odo81, Odo84c, Rit84b]. **annihilations** [ANP+85]. **Announcement** [Ano80a, Ano82b, Ano82c, Ano83a, Ano84a, Ano84b, Ano85a, Ano87a, Ano88a, Ano88b, Ano80s]. **Answer** [Pag87]. **antenna** [FM84]. **anti** [LBY86, YB86]. **anti-stokes** [LBY86, YB86]. **anticommuting** [HD89]. **antigenic** [Fra83a, Fra84b]. **any** [Jud87, Ten84b]. **AP120B** [ASS82]. **APE** [Ano87b, Ano89x]. **APE-100** [Ano89x]. **Application** [AWB82, AB88, BO80, CL84, CH87, FC84a, Gad80, GR81, LBY86, She84,

WML+82, ASS82, Ano87c, BM85a, BS86b, Cha82, Cha84c, Dob89, Kat84, Nav89, Oya86, PPHS86, SFB87, SBFI87, Sko89, Tou89, Zal88]. **Applications** [BM86, BCMR87, Ben88, Buz85, Jac81, KB86a, Kos80, NO89, SG82, Ber87a, BBC+89, CDN+87, Dag82, Gro89b, KK85, LCS84, PD89, PFGP82, Poh87a, Rea89, Sch88b, Sch88c, SM85a, Sne85, Whi89a, WMCH84, Zlá80, Art85a]. **applied** [AHVV86, RRG88, Ruf85, TSD84, WC85]. **approach** [AO88, BCF+89, But89, CH84c, EP86, Fie80, GB87, HLM+87, Jam88, KS84a, KS87a, KK83a, ML81, Phi86, SMT88, Vaj82]. **approaches** [PT82]. **approx** [Eas84a]. **approxiamtion** [CM81a]. **approximants** [GMR84a, GMR84b, Sta84]. **Approximate** [WL84, BKvLSE80, BKvLSE84]. **Approximation** [Jab84, Lab84d, Bin87, Bok84, BW87, CR84a, CC89b, CM84c, DO84, FAK82, GPS84, Hen84, Jak84, JA80, JA84, LZ84, MC84a, MCA87, NHK82, NK84, PPHS86, Pia84, PS84b, TCR84, WSV88, ZL84, Zlo89]. **approximations** [DNR83, DNR84, GWL89, Lab84c, ONP89, Sea84b]. **APU** [MTN+82]. **Aqueous** [Laa86]. **arbitrarily** [Car84a]. **Arbitrary** [Sha84, Cap86a, DSK83, DSK84b, Deu84c, Deu84d, GT83, GT84, Hub84d, IKRT89, KS87a, Rys87, SS84b, VPB82, VPB84, WwYpCg88]. **Architectural** [Sch82a, JMS+89, Nic89]. **Architecture** [Eas82, BMBW85, HBF+85, Hey88, Jes85, Sli89]. **architectures** [Blo82a, Blo82b, BC88b, Gai89, Hal88, LK89, McC89, Sco89, TA89]. **archival** [TVD87]. **archive** [RHM+89]. **arcs** [FCW84, NF83, NF84, SF84a, ZNF87]. **Area** [Ger88, BCC+89, CM88, Flu89, ST84d]. **argument** [AM84b, AM84c, AM84e, BD80a, BD84a, Cam81, Cam84c, Cam84a, Cam84b, Di 86, Jak84, Köl84c, KB86b, TB87, Tho04a]. **arguments** [Bar82, Bar84b, Mas83, Moo81b, Moo84b, TB85, Tho04b]. **ARGUS** [TTT84]. **ARGUS-V4** [TTT84]. **Ariadne** [CC89a]. **Ariadne-88** [CC89a]. **arising** [AS83, And83b, And83a, AS84, And84b, And84a, AKS88a, AKS88b, Jes84, KA87, SA83, SA84, ST82b, ST84f]. **arithmetic** [Rys87]. **AROVMI** [AF84a, AF84b]. **Array** [Jes87, Par83, Ano87b, Bai87, CNRS82, Gro87, Gro89a, HAG+89, JSB82, Jes85, KSG82, Män89, Nas84, Rap85, RW85, Sch82a, SM85a, Vis84a, CRV+89]. **arrays** [ACC+86, GH87, HRW85, Hey88, Hey89, Vis84b]. **Art** [Gri87]. **articles** [Van89]. **Artificial** [BE89, BD84d]. **Asilomar** [Nas87a, Ano87d, Wic87]. **aspects** [Sch86b]. **assemblers** [Tar86]. **assignments** [SDH84]. **assistance** [BR85]. **assisted** [AWG84]. **Associated** [Bra84a, ABG+81a, AGF87, Del84a, YP88, YP89]. **Association** [SCF86, LH88]. **associations** [Fra83b, Fra84a]. **associative** [Par89a]. **assurance** [DP89, Sch88b, Sch88c]. **astronomical** [BS84c, MD82, RHM+89]. **astronomy** [Jas84]. **astrophysical** [Ben88, Dor86, Har81, Har84a]. **astrophysics** [Jam82, Rob87b]. **ASYM** [TCS85]. **asymmetric** [And83b, And84b, AKS88a, AKS88b, JT83, JT84a, JT84b, KA87, Sea84a, SA83, SA84, WMN85]. **asymmetrical** [DM89a]. **asymmetry** [DG84, PI84, TCS85]. **Asymptotic**

[KS84d, Nor84a, Chi84a, Cre80a, Cre84a, CSBB82, CSBB84, NN84]. **asynchronous** [BES82]. **Asypck** [Cre84a, Cre80a, Cre81, Cre84b]. **ASYPCK2** [Cre81, Cre84b]. **asyrot** [Jud87]. **ASYTOP** [Sea84a]. **Athene** [CRPL81, CRL84, CRPL84]. **atmospheres** [Hub88]. **Atom** [NM84, AT84, AV84, Bar83, Bar84e, BGS81, BGS84c, Bil84, CSW84, Nov87, ONP89, Rin84, Sal82, Sal84e, ST84e, VČ88, Yat84]. **atom-diatom** [Bil84, Nov87, ONP89]. **ATOMDIAT** [Ten83, Ten84a, Ten84b]. **Atomdiat2** [Ten84b]. **Atomic** [BT82, CT82, MR84b, AGF87, Arn84b, BS83, BS84a, BBC$^+$84, BBL$^+$84, Bla84, CCR84a, CLS$^+$84, DSK84a, DHN84, DH84a, DWVH89, DGJ$^+$89, FKM$^+$87, GPS84, GMN$^+$80, GMN$^+$84, Gra84b, Gra84c, HRS81, HRS84, Hib84b, Hib84a, Hib84d, Hib84e, HS84, HSB$^+$84, HKS83, HKS84, Kat84, KKLP84, Kla84, Lab84a, Lab84b, Lew84c, LHP87, MRC85, MEB88, Moo84h, Nob80, Nob84, Pia84, PS84b, PP85, Poo83, RFSG84a, SS89, ST82a, ST84c, STN89, Tal89, TW89a, WB84]. **atoms** [Aur84a, Aur84b, BBH$^+$84, BZ84, CCR84b, EA83, EA84, Kar80, Kar84a, Lew84d, LCW84, LZ84, Mal84, MBW89, Nus84, Sil84a, Sil84b, WS80, Wil84c, ZL84]. **Attached** [Bur85b, Dit89, Hoe89, PP82]. **Auger** [FV82, Rid82, Rid84b]. **Auger-transitions** [Rid82, Rid84b]. **August** [Bra86]. **auroral** [CCR88]. **Austria** [Kil80]. **Author** [Ano80b, Ano80c, Ano81a, Ano81b, Ano81c, Ano81d, Ano82d, Ano82e, Ano82f, Ano83b, Ano83c, Ano83d, Ano84c, Ano84d, Ano84e, Ano84f, Ano85b, Ano85c, Ano85d, Ano85e, Ano86a, Ano86b, Ano86c, Ano86d, Ano87e, Ano87f, Ano87g, Ano87h, Ano87i, Ano88c, Ano88d, Ano88e, Ano88f, Ano89b, Ano89c, Ano89d, Ano89e, Ano89f, Ano89g]. **authors** [Ano80g, Ano82i, Ano86f]. **automata** [Den88, Suc87]. **automated** [Car84a]. **Automatic** [BLMU81, BF89, KKS87, LT87, Pie82, Pie84a, Pis84a, CM84d, Moh80, Moh84, NP84, Rap83, Zlo82, Zlo84a, vM84d, Gro89b]. **automation** [KKLS82]. **Autonomous** [Sch86d]. **auxiliary** [EMR84]. **available** [And86, SCF86]. **AVANTI** [HL88]. **averaged** [Ver89]. **Averaging** [Cha80]. **axial** [PI84, dBM82, dBM84]. **axially** [Cam84f, CDN$^+$87, DEW84, ZC84]. **Axisymmetric** [KJ84, KW84b, Rob87b, Shu87, BHM81, Cap86a, CO86, DM86b, Goe84, GPS$^+$81, HP83, HP84, KS84g, KS84h, MGD81, PT86, TAK$^+$85b, TW89b, TBG80]. **axisymmetrical** [Ugn80].

B [Eas84b, Taj86, Cha82]. **B-spline** [Cha82]. **Back** [Vio84]. **Bäcklund** [FK86a]. **backward** [CL84, MT84b]. **Bag** [CM84f, CM81b, CH84d, HGW86, Sal83b, Sal84f]. **Balanced** [PD89]. **BALDUR** [Red88, SPM$^+$88]. **ballooning** [TT89]. **balloonings** [GR81]. **bamjet** [Rit84a]. **Band** [Gru84a, MV81, MV83, MV84a, MV84b, De 84b, Gal81, Hof84b, HM84c, HM84d, HM84e, Sal83a, Sal84d]. **banded** [CKA89]. **bands** [BR85, HRB84, MW84a, MW84b, MW84c, WC84, Wil84a]. **bank** [Tau84a]. **barbara** [SS84b, SMD84]. **Bardeen** [MVV83, MVV84]. **barrier** [MR80, MR84a]. **barriers** [Jam86b, Sch82a]. **baryon** [HR84a]. **base** [Ber84a, Eld84, Gau84b, Gau84c, Gli84, Put89, Rob84f, Ros84a, Ros84b,

SN84, SG89, Bel84b]. **based**
[AO88, BD80b, BD81, BD84c, BKK86, BCF+89, Cam86, FV81, Hla80, Hla84, Hof84a, HLM+87, Joh89, KKLS82, KH89, KBMV86, Kon84, KRS83, Mat84, Mik86, RHM+89, Ska82, Stu85, VM89, WBG84, WSV88]. **bases**
[Fia84, Gau81, Har84b, Kat84, McI84, MPS84, Mee84]. **Basic**
[Dew82, CW84b]. **basis**
[AT84, DU89, Hay89a, Kar80, Kar84a, KS84a, Kol81a, Kol84a, MG84, MV81, MV84a, Poo83, Ran87b, ST84e, Tau84a, Ten85]. **bcc** [DM89b]. **BCH**
[CGGK85]. **be** [BM82a, De 84c]. **Beam** [Mae88, ACR88, ABD82, ABD84, DLB83, DLB84, IL84, MT81, MMF81, OM88, Rit86, Ryn82, Ryn84]. **beam-beam** [Rit86]. **beam-foil** [IL84]. **Beam-plasma** [Mae88]. **Belfast** [HSB+84]. **below** [AGH+88, HR86a, HR86b]. **Benchmark** [CRH+89]. **Beniaminy** [FV81]. **Berlin** [Eas84a, Eas89, Fin87, Man86, Sch86a, Sta87b]. **Berlin-Heidelberg-** [Eas84a]. **Bernoulli** [Di 87]. **BESM** [Car80]. **BESM-6** [Car80]. **Bessel** [Tho04a, AM84b, AM84c, AM84e, Bar81a, Bar82, Bar84b, Cam81, Cam84c, Cam84a, Cam84b, Can81, Col80a, Col84a, Del84b, KB86b, Mas83, Nes84, Pie82, Pie84a, RC87, SZ84, Tal83, Tal84c, TB87]. **beta**
[GTG81, GTG84, GTM85, GTMA88, GKM+81]. **beta-gamma** [GTMA88]. **betatron** [AB88]. **Bethe** [BW87]. **Betrt** [BW87]. **Better** [DM86a]. **between** [BGMP84, DK87b, DEW84, DF84, Dya86, FT84a, Gia84, Jam84, Mal84, NAS87b, Ras80b, Ras84b, Sch87b, Ten85, Ter88]. **Beyond** [Gam89]. **Bhabha** [KKT+88, TS89]. **biconjugate** [CKA89, KA87]. **bicubic** [CM84b]. **biharmonic** [Hou87]. **Bilinear** [Ito88]. **Bin** [ASM84, ASM80]. **binary**
[BP84c, Gol84a, Isl81, Isl84a, Joh85, MEB88, OM83, OM84, PD89]. **binding** [Cug84]. **biological** [CNRS82]. **Biophysical** [Ber87a]. **Birdsall** [Taj86]. **Birkhoff** [ST84d]. **bit** [BBE+81, VGD+89]. **bivariate** [DU89]. **black**
[PNO89]. **Bloch** [MN80]. **Block**
[FM85, KP89, KWPP89, MP81a, MP84a, Nex89, Sun88]. **blocked**
[Gru80, Gru84b]. **BNDPKG** [WC84]. **BNL** [Sau85]. **Board**
[Ano81m, Ano81n, Ano82p, Ano82q, Ano82r, Ano82s, Ano83i, Ano83j, Ano84m, Ano84n, Ano84o, Ano84p, Ano85l, Ano85m, Ano85n, Ano86p, Ano86q, Ano86r, Ano86s, Ano86t, Ano87q, Ano87r, Ano87s, Ano87t, Ano88q, Ano88r, Ano88s, Ano88t, Ano89o, Ano89p, Ano89q, Ano89r, Ano89s, Ano80k, Ano80l, Ano81l]. **Bochum** [PF86]. **bodies** [DM89a]. **body**
[AMK81, AMK84, Ass84, Bas87a, Bra84c, Bra84b, CM85, CgYpXh85, DW89, EEV89, Gir81, HIM84, Her88a, Man87a, MBW89, Mue84, Mur88, Rap85, Sil84a, Sil84b, WwYpCg88, WS80, Wil84c, YpMzCeCg85, YFL87]. **body-centered** [CM85]. **Boeing** [LP89]. **Boltz** [TSD84]. **Boltzmann**
[Das89, RG80, RG84, WW80]. **Boltzmann-equation** [WW80]. **bombardment** [DM86a, MRW84, MM84a]. **bond** [FH88a, NW84, WW84b]. **bond-mode** [FH88a]. **Book** [And86, Ano89h, Art85a, Art85b, Bra86, Duc86, Eas80, Eas82, Eas84b, Eas84a, Eas89, Fin87, Gri87, Jes87, Lis88, Man86, Nad86a, Rob85, Sch86a, Sta87b, Taj86]. **Boreas** [Ods84]. **born**
[DO84, NK84, TCR84]. **bosons** [LO86]. **Boston** [Duc86]. **both** [Nai86].

Bound [DHD84, Le 89, LR84a, Bat84, DW88, DeV84, FGSH85, Fie80, HDK84, HKT85, Kar80, Kar84a, KP85, LW84b, LT87, SS84c, SS84d, Smi84c]. **bound-bound** [Kar80, Kar84a]. **bound-state** [Fie80]. **boundaries** [BKD83, BKD84]. **boundary** [AP80, Bun86, CR84a, Cam84f, CM81b, CM84f, DM89a, HvRM86, Hoe86b, Hof88, MP81a, MP84a, O'C84a, VM89]. **boundary-layer** [AP80]. **Bounding** [BT81]. **box** [PNO89]. **brackets** [CgYpXh85, Dob84, FT84b, LJ84, SG84c, WwYpCg88]. **brain** [Vir89]. **branch** [HDK84]. **branch-and-bound** [HDK84]. **Branches** [EBS88]. **Braunschweig** [And86]. **Breit** [BGMP84, MGN80, MGN84, ST82a, ST84c, TN84]. **Bremsstrahlung** [BRTB84, BRT84, Ber80, DLB83, DLB84, GH83, GH84a, MC85, Odo84a, Odo84d]. **Bringing** [Boc89]. **Bristol** [Duc86, Eas82]. **broad** [Gal81]. **broadened** [KM86]. **Brody** [LJ84]. **Brownian** [SM86]. **Brussels** [Van81a]. **bubble** [BSP84, BD84d, BdCP81]. **bubbles** [Bor89]. **bulk** [Mor84a]. **bunch** [ABD82, ABD84]. **bus** [HGJ$^+$89].

C [Ano89h, Eas80, Eas82, Taj86, Bai86]. **C.-Y** [Eas80]. **Cabannes** [Eas84b]. **caesium** [ÖW84]. **Calcomp** [CA84]. **calculate** [All84a, BCFK85, Bar83, Bar84e, BGMP84, BBC$^+$84, BBL$^+$84, BTS84a, Bru85, Bru86, Bur84, Car89, CgYpXh85, De 84c, DLB83, DLB84, DHN84, DS83, DS84a, DH84a, Duf84, DO84, Dya86, EM84a, EM84b, FS84b, GTG81, GTG84, God84, Gra84b, Gra84c, HBJ84, HRS81, HRS84, Hib84b, Hib84a, Hib84c, Hib84e, JT84a, JA80, JA84, Jam84, KF84, Klo82, Klo84a, Klo84b, Lad86, LO86, LHP87, MLL86, Mar89c, MGN80, MGN84, MT84b, NA84, Odo82, Odo84b, PV84, Ran86, Ran87a, RBHW84, Sal82, Sal84e, San82, San84, SM84a, ST82a, ST84c, Ste84c, TSD84, YpMzCeCg85, YFL87]. **calculated** [Hen84]. **calculating** [BKvLSE80, BKvLSE84, BRTB84, BRT84, Bat84, Bor82, Bor84, BTS84b, BT84b, CDW82, CDW84, Cre80a, Cre84a, DK87a, DK87b, DSK83, DSK84b, FT84a, FE88, Gia84, Gru84d, HP83, HP84, Hib84d, Hof84b, Hof84a, HRB84, Hub88, Isl81, Isl84a, Isl84b, Kam86, KM84a, KM82, KM84b, Le 89, LBY86, MRCL84, MG84, MW84a, MW84b, MW84c, May81, May84, MS84, MKS83, MKS84, MT84a, OTB80, OTB84, PM80, PM84a, PGB84, RR84, Ras80b, Ras84b, RSL$^+$84, SAC87, Sei84, Tak85a, Tal84b, Tal83, Tal84c, Ten83, Ten84a, Vaz81, Vaz84, VPB82, VPB84, Wil84a, Yat84]. **Calculation** [AP82, AP84, BB84b, Bla84, BM84b, DR85, DPH82, DPH84, EBS88, EMR84, GMR84a, Har81, Har84a, HPT80, JP84a, KM84c, LLC84, MS85, MRW84, Mik84, Nog83, OM83, OM84, PS84a, PT84, PS84b, Pie84b, Pre84a, RFSG84a, RG86, SP86, SP87, Sal84c, SS84a, SB82, TK84, TK80, WwYpCg88, WV80, WV84, ZNO88, ZC84, All84b, ACR88, And84c, BSK88, BMR85a, BAG$^+$87, Bie83, Bie84, Bin87, CWS83, CWS84, CC89a, CM88, CD86, CLS$^+$84, Coo82, Coo84a, Cop81, Cop84a, Cop84d, Cop84c, Cop84b, CVvWF86, DL87, Eld84, ENSC86, FV86, FHMR84, FFH84, FK84, Fer84, GPS84, Gel85, GMR84b, Han84c, Han84e, HMS84, HR87, HK81, HK83,

HK84a, HK84b, IFI84, JBWW86, Jam86b, Kac84, KS86b, MS87a, MR80, MR84a, Mar84a, MZM+82, MZM+84]. **calculation** [Mor80, Mor84d, Nai84, Nai86, Nex89, NN84, NKS88, Pia84, Pic89, PP85, RFSG84b, RM89, RS83, RS84d, RS84e, RS84f, She84, Sta84, SW80b, SW84, SMT88, Ten85, Ten86, TC87, TM89, VSP86, WC84, WGM83, WGM84, ZDN84, vdB84]. **Calculations** [Dob84, Ede84, FT84b, LB82b, SG82, ST89b, AT84, AFH84, AF84a, AF84b, AXG87, AAH84, Aue84, BM82a, BM82b, BM82c, BCM83a, BM84a, BZ84, BDK86b, BDK86c, BT82, BES+87, Bet84, BT84a, BP84d, CC89b, CRH+89, Cio89, CB88, CM83, CM84e, DVD87, Del85, Des84a, Duc80, EP86, FKU+84, FB84, Fle81, Fri88, Ger80, GLST89, Han84a, HD89, HA82, HA83, HA84b, HA84a, HvRM86, HSV84, IKRT89, ITR+87, Jad84, Jam87, Kas82, Ken89a, KP81b, KPP+89, LLA+89, LM81, LCS84, Lux80, MMBW88, MV81, MV83, MV84a, MV84b, MGM87, MBW89, MPIM86, MB83, MB84, MR87, Net84, OCS86, Pon81, Poo83, Ric82, Ric84, Rys87, SW80a, Ská81, Ská84, SK86, TTAT81, TUB83, TUB84, TL84, TBB87, WB88, Wro82, Wro84, Zwa85, vdM84a]. **Calculus** [Har89]. **calibration** [BO80, BG81, Dob89]. **call** [Ano84b]. **calorimeter** [BGGW+89, KPST89]. **CAMAC** [Ska82]. **Cambridge** [Bel84b]. **Can** [BM82a, BGMM81]. **canonical** [Kra86a, Ran87b, III88, SM85c]. **Canterbury** [GMR84a]. **capture** [AGF87, BGS81, BGS83, BGS84c, BGS84a, BGS84b]. **carbon** [RS83, RS84d, ZR89]. **card** [Cre80b, Cre84c]. **cards** [Fem84]. **Carla** [SM84a]. **Carlo** [AS89, ANP+85, AM81, AMC83, AM84d, AMC84, BM82a, BM82b, BM82c, BMR84, BM84a, Ben84b, BI85, BS87, BKJ83, BKJ84, BDK86a, BDK86b, BDK86c, BLR82, BLR84, CMR86, CFG+88, CM85, CGGK85, Cha85, CGG87, Chr84b, CMS83, CMS84, Cop81, Cop84a, Cop84d, Cop84c, Cop84b, CVvWF86, CGB+89, CM83, CM84e, DMM84a, DLB83, DLB84, Dec89, Del85, DM87, DMM83, DMM84b, DKA85, DS84b, DD86, EMM81, EA83, EA84, Fer89, FS85b, GTM87, GHO+89, Gup88a, HR84a, HR86a, HR86b, HP83, HP84, HMTO84, IW87, Ing87, Jad84, JW85, Kas84, Kaw86, KVW84, KSE86, LM81, Lux80, MMS87, Mar89a, Mar89b, Miu87, MGM87, MB83, MB84, MT86, Mor84e, NFH+88, NAS87b, Odo81, Odo82, Odo84a, Odo84b, Odo84c, Odo84d, RR84, RSS85, RL80, Rit84a, Rit84b]. **Carlo** [RS83, RS84d, Ryn82, Ryn84, SMMP86, Sal85, San82, San84, Sjö82, Sjö83, Sjö84b, Sjö84a, Sjö86, SB87, Tat80, TKS+85, Tou89, VH87, Voh88, Vrb89, Wan87, YMWW89, ZHR81]. **Cars** [SLH84, YB86]. **Cartan** [ADO83, ADO84b]. **cascade** [AV84, Miu87]. **cascades** [RR84, SV84]. **case** [GPS84, PS84b, ST89a]. **cases** [Red88]. **Casimir** [Bos83, Bos84]. **Castor** [CW84c]. **casual** [Pag87]. **cavities** [PJ89]. **cavity** [Kon84, MMF81, MPM83, MPM84]. **CCD** [AN88]. **CCDEF** [FNDL89]. **CCFUS** [DL87]. **CDC** [BM82b, BM82c, BCM83a, BM84a, BM86, BSDM88, Com80a, Com80b, Com84, CMO86, HRL84, KW84a, LS84]. **CDF** [CHS87, QAD+89, Sli89]. **CdS** [JB80]. **CEAN** [IA86]. **CELESTE** [SG83, SG84b]. **celestial** [SG83, SG84b]. **cell** [BKR88, BLB88, FR84, GDK89, JP84a, MRT89]. **CELLO** [Beh81].

CELLO-experiment [Beh81]. **cells** [JB80]. **Cellular** [Suc87, Den88]. **center** [Dit89, Ebe84, GTL+86, HB85, Yur84, HB85]. **centered** [CM85]. **centers** [Bra87b, Pou88b]. **Central** [Dru83, BGG+89, MN84a, Nic89, Zac81]. **centralized** [BCC+89]. **centre** [CDN+87, GRRP83, GRRP84, Jun81, Jun84, MLL86, Rea84, Ste84d]. **centrifugal** [SAC87]. **centroids** [DK87b]. **CERN** [BBE+81, BvEF85, CFG+87, DGK+81, Jac81]. **certain** [DVD87]. **CFASYM** [NN84]. **CFP** [Bra84e]. **CFPJJ** [Gra84a]. **CFRX** [HWL89]. **CG** [PZCC89]. **CGM** [Osl88]. **CH** [LH88]. **chain** [Kra86a, YP88, YP89]. **challenge** [Sch87a]. **challenges** [Her89]. **chamber** [AN88, BLMU81, BO80, BSP84, BD84d, BdCP81, Dob89, GM89, VKM+82]. **chambers** [GDH+89, Per89, TCS85]. **change** [Fem84, Rus87]. **changes** [MEB88]. **channel** [DL87, DP88, DRRvB82, FNDL89, HT88, HLS84, NK84, SDH84]. **channel-spin-1** [SDH84]. **channel-spin-1/2** [SDH84]. **channels** [RSA84]. **Characteristics** [DR85, DLB83, DLB84, Mir84]. **Characterization** [Hoc82]. **characters** [EC84]. **charge** [DE84, Jun81, Jun84, KLS+89, Mal84, MT86, Mor80, Mor84d, NW84, Nob80, Nob84, PIM80, PIM84b, SS89, SNC80, SNC84, TDS81, TDS84, WW84b, vdB84]. **charge-exchange** [vdB84]. **charged** [CJ84]. **Chebyshev** [CWS83, CWS84, CM81a, CM84c, DNR83, DNR84, Del84a, Del84b, DM88a, Nex80b]. **Checking** [Woo85, Hib84a, Sax84a]. **checks** [NM84]. **chemical** [BvSW84, Eck84, Fia84, GG89, ITR+87, OBLR84, Rob84d, Rob84e, Rob84f, SAC87]. **chemically** [HH82]. **chemist** [BvSW84]. **Chemistry** [SG82, BMV83, BMV84, DK82, SWHB88]. **CHEP** [Ano87d, Ano89-27]. **Cherenkov** [Män89]. **Chichester** [Jes87]. **Chirikov** [CM88]. **chloride** [ÖW84]. **Choice** [Fin86]. **choices** [JMS+89]. **Cholesky** [KPP81, KPP84b]. **Chow** [Eas80]. **CHPACK** [DNR83, DNR84]. **chromodynamics** [NFH+88]. **CINDY** [SR84a]. **circle** [CO84]. **circuit** [KK85, LJN85]. **circular** [HP83, HP84]. **CIV3** [GH84b, Hib84c]. **Cl** [SAC87]. **Clarendon** [Gri87, Nad86a]. **Class** [EBS88, CL84, De 88, DGPM85]. **classes** [ADO83, ADO84b]. **Classical** [BBH+84, BPW84a, BPW84b, BPW84c, FH88b, GH83, GH84a, Gup88a, KK83b, Lad86, Man87a, OM83, OM84, Sch87b]. **Classification** [Rid82, Rid84b, GSZ85]. **classify** [AI86]. **CLEBSCH** [RB84, SM84c]. **CLEBSCH-GORDAN** [RB84]. **ClH** [SAC87]. **Clifford** [Ber87b]. **climatology** [WB82]. **clipping** [BGMM81]. **close** [BES+87, LLA+89, Sar87]. **close-coupling** [BES+87, LLA+89]. **closed** [BZ84, CC89a, CW80, CW84a, CW84b, Lee82, Lee84, Ras80a, Ras84a, Sin84, Tro84]. **Cloth** [Art85a, Rob85]. **clouds** [BS84d, SL83, SL84]. **clouds-computation** [BS84d]. **cluster** [BH89, FAK82, HA82, HA84b, KM82, KM84b, Mue84, Mur88]. **cluster-core** [HA82, HA84b]. **Clustering** [You87, JSB82]. **Clusters** [BBE+81, Bun86, KM84c, SCC+88]. **CMS** [CHS87, McC87]. **CMZ** [BBR89b]. **CNDO** [CC89b]. **CNDO-like** [CC89b]. **CO**

[DST80, DST84a, DST84b, Mag84b, Rob80b, Rob84c, RS84a, RRG88]. **CO-N** [Rob84c]. **coarse** [BSA86, Dec89]. **coarse-mesh** [BSA86]. **coarse-to-fine** [Dec89]. **coaxial** [Ods80]. **Cochase** [HLS84]. **CODATA** [Lid84a]. **Code** [KK89, Aue84, BMR84, BSdlT87, BHM81, BSV+85, BLT81, Bor82, Bor84, Bor89, BBR89b, Buc83, Buc84, CMR86, CMPR88, CHS87, Cha85, CRPL81, CRL84, CRPL84, CW84c, CAR84b, CGMS89, CM86, CM81b, CH84d, CM84f, DL87, DP88, DTE84, DST80, DST84a, DST84b, DM89b, DH84b, DKA85, ETH84, ELS88, ET84, ERB88, Fem84, FB84, FNDL89, FSR84, GS89, GDK89, GA84, GTB+81, GTR+81, GTB+84, HR84a, HR86a, HR86b, HL88, HLS84, HL86, Hof88, HWL89, IGB+89, Kir87, Kon84, KLS+89, LWHH82, LWHH84, LK88, LM85, LNS84, Mac89a, MVV83, MVV84, Mar89b, MPM83, MPM84, MN84b, MGK86, MBOK86, MMO89, Miu87, MMR89, MPM85, MP89, NK84, PD89, PM80, PM83, PM84a, PM84b, RSMTV88, Red88, Rit84a, Rit84b, Rit86, Rob80b, Rob84c, RSA84, SM84a, SS81]. **code** [SG81, SSF+89, Shu87, SPM+88, SL83, SL84, Syk81, Tal82, Tal84b, Tal84a, TSD84, TW89b, TTM+80, Var89, Vaz81, Vaz84, WBG84, WB88, Wis87, vM84d]. **Codebase** [MP89]. **Codes** [DR82, HR87, Kil80, BES+87, BT88, DSK84a, GTL+86, HW84b, LLA+89, MTN+82, RBMC86, Rin84]. **coding** [CGG87, Wan87, ZHR81]. **Codnum** [Fem84]. **coefficient** [Bur84, RRC89]. **Coefficients** [Hub84b, AD84, All84c, AM84a, BSK88, BGMP84, Bie83, Bie84, CN84, Chi84b, DHN84, DW84, DH84a, FS84b, Gra84a, Gra84b, Gra84c, KS86a, Le 89, LB84, MRCL84, Mar89c, Nus84, Ogi83, Ogi84, PR84, PZCC89, Rao81, RV84, Rob84f, RSL+84, RB84, SM84c, SG84a, SMR87, SK86, SW80b, SW84, SF84b, Tam84, TSD84, VVM84, YpMzCeCg85, YFL87, Zoh84]. **coherent** [Cop81, Cop84b, LBY86, SDH84, YB86]. **coincidences** [Hla80, Hla84]. **coincident** [IA86]. **COJETS** [Odo84a]. **COLASE** [Rob80b, Rob84c]. **cold** [BS84d, FBW82, FM84, SAVV87, SR84b]. **Coleman** [IB87]. **collaboration** [BLMU81]. **collect** [vM84f]. **Collection** [FV82]. **collective** [Szy81]. **colliders** [Rit86]. **colliding** [MS84]. **Collision** [KM86, Sar84a, BKvLSE80, BKvLSE84, BT82, Cla84, CB88, Cre80a, Cre84a, CSW84, Das89, Gal84, HBJ84, Hof84a, Hub84c, Jam87, KS86b, MEB88, NM84, NA84, NN84, OS84, Sal84c, SK82, SK84, WW80, Yat84]. **collisional** [Nov87]. **collisions** [Arn84b, BBH+84, Bar83, Bar84e, BGS81, BGS83, BGS84c, BGS84a, BGS84b, BDK86b, Bil84, Bil87, BW87, FR86a, GDH+89, GPS84, Irv82, KVW84, MEB88, Nob80, Nob84, OM83, OM84, Par84, Pia84, PS84b]. **colloquial** [PT85]. **Collrad** [Tal84b]. **color** [CN87, Dun87, KR88]. **Colour** [Ano87j, BP84d]. **COLRAD** [LHP87]. **COLRAD-A** [LHP87]. **columns** [MCA87]. **combination** [Wil84b]. **combinatorial** [HR87]. **combined** [HMS84, KBMV86]. **Cometary** [IP88, MV88, SWHB88, SW80a]. **Comm** [Ran87a]. **Comment** [FV81, BD81, Jam88]. **Comments** [Gup88a, Mag81, MF81, MN84a, Sch86c, TT85]. **Commercial** [Kri89]. **commercially** [MP89]. **committee** [Ano84-86]. **Committees** [Ano80d, Ano81e, Ano82g, Ano82h, Ano86e, Ano88g, Ano89i, Ano88w].

common [Klu84b, CT89, GSS81]. **Commun** [KS08, Tho04a, Tho04b]. **communications** [ABLB+89, Cis87, Ano80e, Ano80g, Ano80f, Ano82i, Ano86f, Ano88h, Ano88i]. **community** [McC87]. **commutators** [DFD81, DFD84, SM85d]. **commute** [DFD81, DFD84]. **Compact** [TS84b, CMS83, CMS84, DM87, KKP82, KPH84, KKP84, Nas84, Rap81a, Vis84a]. **Compactified** [DR85]. **comparative** [Sta87a]. **compared** [CT84b]. **comparing** [ABMT84]. **Comparison** [FBS88, HVS87, IR85, KPP+89, PT82, AMB84, BES+87, KJ85, LLA+89, Whi89a]. **compatible** [BSK88, Bas88, Jud87]. **compilers** [CKV85]. **Complete** [BDK86b, BDK86c, Bas87a, Bas87b, Han84a, JP80, JP84b, Vaz81, Vaz84]. **completeness** [AI86]. **Complex** [BCM83b, BCM84b, TTW84a, AM84b, AM84c, BD80a, BD84a, BH85a, Cam81, Cam84a, Cam84b, De 84c, GS83, Jak84, KF84, KLS85, KB86a, Köl84c, KB86b, Man87b, Mas83, Moo81b, Moo84b, Nus84, SF84b, TTW84b, TR84, TB85, TB87, Tho04a, Tho04b]. **complexity** [Nas87a]. **complicated** [AB88, CWS83, CWS84]. **component** [O'C84a]. **composition** [MEB88]. **compositor** [HR83b, HR84c]. **compound** [Fia84, HMS84, SM84a, SS84b, SMD84, SR84a, SDH84]. **compound-nuclear** [SDH84]. **compounds** [KN84c, KN84b, MV83, MV84b, NJ82, NJ84]. **compressible** [Bra87a, Cro88]. **Compton** [SS84d]. **Comput** [KS08, Ran87a, Tho04a, Tho04b]. **Computation** [BGS81, BGS83, BGS84c, BGS84a, BGS84b, Bos83, Bos84, BS84c, Cug84, Deu84b, Deu84d, Eğe82, Ege84, HIM84, Hei84, Jun81, Jun84, Kno84, LJ84, LB84, Mal84, MSFR89, Rao81, Ros85, SS84b, SMD84, SR84a, SR84b, SM81a, SM84d, SM85b, AB88, BSdlT87, BS84d, Buc83, Buc84, CMR86, CGM89, Cli82, Cop81, Cop84b, DG84, DE84, DK82, FCW84, Gue89, Han84c, HC86, HSV84, Hub89, Key89, Klu84a, KMS88, KLS+89, KB86b, Lab84a, Len80, LU83, LU84, ML81, New86, NF83, NF84, Ost85, Pet84, Pie82, Pie84a, Pol88, Reg81, SMR87, Ste84b, VČ88, ZNF87, Zoh84]. **Computational** [Ano89h, Bra86, DGO83, Eri85, HW84a, Jes86, MPR80, Mül87, Nex80a, Sch86a, Sta87b, SAC+86, Wie86a, vD87b, And86, Ano81t, Ano84-87, DGL89, Eas80, Eas84b, GA84, Hey89, MN80, Nad86b, Nex80b, SMT88, Ano89h, Eas84a, Lis88, Sta87b]. **computations** [BPR+86, CCD85, Kla84, Lab84c, OCC80, OCC84, SG83, SG84b, TL89, YSHK85]. **compute** [Câm82, Câm84g, Chi84a, Chi84b, GTM85, GTM87, HC83, HC84, MM88b, STN89, Tal89, TBG80, WB84]. **Computed** [OS86, Klu84b]. **Computer** [AP89, Ano80e, AGG+82, Art85b, AWG84, BK84a, BR85, CT84a, Chr84a, CCS89, DBB84, Das89, FR81, Fre87, FOW87, Gro84, HB88, Kil80, KR81, Laa86, LB82b, Mak80, MMS86, MGTD84, PZCC89, Rap84, Taj86, WD84, WP84, Ano87b, AGF87, BB84a, Bas87a, Blo82a, Blo82b, Boc89, BPSB88, BA86, Bun86, BMBW85, Cha82, Cha84c, Cis87, CLS+84, DCC84, DL86, DSK83, DSK84b, DM87, Dit89, DRD88, Eas89, EM84a, EM84b, Eks84, Fer89, Fle81, Gel85, Ger80, Gio84, Gli84, GWTM83, HH82, Han84a, Han84b, Han84c, Han84e, Her89, Hoa89, HVS87, HMTO84, HT84, Hub88, IKRT89,

ITR+87, IHS+88, JB80, JM82, Jud87, Kac84, Kas82, KKLS82, KP81b, LWHH82, LWHH84, Le 89, LJN85, Mir84, MC81, MC84b, Mye88, PR84, PM83, PM84b, RWK+85, RSMTV88, Rob87a]. **computer** [RD80, RD84, ST84d, Szé85, Tar86, Tol85, VM89, Vie88, VSH83, VH87, WMH82, WDM84, YSHK85, Zac81, Ano80g, Ano80f, Ano82i, Ano86f, Ano88h, Ano88i, Eas89, Fin87]. **computer-aided** [JB80, Vie88]. **Computer-algebra** [FOW87]. **Computer-assisted** [AWG84]. **computer-controlled** [BPSB88]. **computer-generated** [HB88]. **computer-graphics-based** [VM89]. **computer-simulated** [WDM84]. **Computers** [EBS88, And86, And88, Bas88, BTS84a, Com80a, Com80b, Com84, CKV85, DTE84, Dic82, ETH84, Eas82, EA89, Fla82, Gen82, Hoc82, JMS+89, KC81a, KC81b, KC84a, KC84b, Kas82, LT85, MSC+88, Mat87, NA84, Nev82, OY80, Qua87, Sch89c, SSM85, Sch85c, TL82, Tru88, vdV89, vM84d]. **computes** [MMO89]. **Computing** [AN87, Ano81f, Ano88-27, AHS+86, Boc89, KLS85, New87, O'C84a, Szy81, Wil89, AHKM86, BD80a, BDM81, BDM84, BD84a, BDJ+89, Bra87b, Cam86, CGGK85, Dow82c, Goe84, Han84d, Joh87b, Köl81b, Köl84b, Köl84c, KR88, Lao84, LNB+88, Mac89a, MPM83, MPM84, Nag89, Nas89, Nic89, Pat82, RS81, RS84b, Sch87a, SNC80, SNC84, Sch84d, ST89a, Tel84, TV89, Tru88, Vio84, Wat89, Wic87, Wie86b, WH89, Zac81]. **concept** [Com80a, Com84, KC81a, KC84b]. **Concepts** [Tau85, Sch86b, Sch88b]. **Concluding** [Gen88]. **CONCON** [Buc83, Buc84]. **Concurrency** [PBKW85, ACSB85]. **Concurrent** [BBC+89, MMBW88, Cis87, FS85a]. **Conditional** [EBS88]. **conditioning** [DeG88]. **conditions** [BDK86c, Bun86, Cam84f, Kas82, LM84, MP81a, MP84a]. **Condon** [All84a, DK87b, TT82, TT84]. **conducting** [DM89a, VM89]. **conduction** [GH83, GH84a]. **conductivity** [EK86]. **Conference** [Boc89, Bra86, Gri87, Wic87, Ano82w, Ano87d, Ano89-27, Ano89a, Nas87a]. **configuration** [BZ84, CDW82, CDW84, CLS+84, DK87c, FKM+87, Fro84a, Fro84b, Fro84c, Hib84a, Hib84c, HFG88, HWL89, KH89, Poo83, TBG80, TTL88, WH89]. **configurations** [BDD84, Cha84e, CO86, GPS+81, Hoe86a, Rid84a, TS89]. **Confined** [Sta87b, MKRJ89]. **confinement** [KP84, MPM83, MPM84]. **Conformal** [Goe81]. **confront** [BMG+85]. **conical** [Köl81b, Köl84b]. **conics** [CCR88]. **Conjugate** [GLC89, KPP81, OJK89, AKS88a, AKS88b, BMR85b, EA89, KJ85, KPP84a, KPP84b, Meu89, Oya86, Sun88]. **connected** [KS89, Rap84]. **connection** [AS89, CKT89]. **Connectionist** [TA89]. **Conserved** [IK85]. **considerations** [Lab84b]. **consistency** [NM84]. **consistent** [BLT81, CCR84b, Des84a, LCW84, SSS84, WB88]. **constant** [Han84f, ONP89, SNH+88]. **constants** [Bil84, Bil87, ENSC86, Gel85, JP84a]. **Constrained** [Sha87, Buc83, Buc84, LM81, Pro82b, Pro82a, Pro84]. **constraints** [HVS87, Zlo89]. **Construction** [SM81b, SM84e, SM85c, Bri86, Hla80, Hla84, HM84e]. **Consultant** [Kil80].

Contact [EFK85]. **contained** [AI88, BM84b, IA80, IA84]. **containing** [Jac85b, Jac85a, MR84b, Rob84f, WSV88]. **content** [Köb89, Rob84d]. **Contents** [Ano80i, Ano80j, Ano80h, Ano81h, Ano81i, Ano81j, Ano81k, Ano81g, Ano82m, Ano82n, Ano82o, Ano82j, Ano82k, Ano82l, Ano83e, Ano83f, Ano83g, Ano84i, Ano84j, Ano84k, Ano84l, Ano84g, Ano84h, Ano85h, Ano85i, Ano85j, Ano85k, Ano85f, Ano85g, Ano86j, Ano86k, Ano86l, Ano86m, Ano86g, Ano86h, Ano86i, Ano87k, Ano87l, Ano87m, Ano87n, Ano87o, Ano87p, Ano88m, Ano88n, Ano88o, Ano88p, Ano88j, Ano88k, Ano88l, Ano89l, Ano89m, Ano89n, Ano89j, Ano89k]. **CONTIN** [Pro82b, Pro84]. **continued** [Lee89, Nex84, TB85, Tho04b]. **continued-fraction** [TB85, Tho04b]. **continuous** [ABG+81a, CCR84a, CM81a, CM84c, CSC+86, Her82a, Her84b]. **Continuum** [AT84, AXG87, Bat84, BBC+84, BBL+84, BS84c, DF84, HRS81, HRS84, IR80, Le 89, ST82a, ST84c, TUB83, TUB84, TBB87]. **contracted** [Tau84a]. **contribute** [JMS+89]. **contribution** [AP82, AP84, Nog83, TBG80]. **contributions** [Mue84]. **contributors** [Ano82x, Ano85u, Ano88x, Ano88y]. **Control** [Gou88, And88, AGG+82, BCC+89, CR84d, CM84d, DGL89, DSSS86, FS82, FLM84, HRL84, LEF+89, Moh80, Moh84, Rap83, Rom81]. **controlled** [BPSB88, VKM+82]. **controllers** [Ska82]. **conventions** [HR83a]. **Convergence** [TTM+80, BBR89a, BT84a, Hub84f, Lan80]. **conversational** [HHK86]. **Conversion** [Gol84a, AHVV86, DHN84, DH84a, PR84, PS88, RD80, RD84]. **Converter** [Sal84a]. **converting** [Gro89b]. **convex** [AN87]. **convolution** [DM88a]. **Cooling** [Hoe86a]. **Cooper** [MVV83, MVV84]. **cooperation** [Lid84a]. **coordinate** [BP84d, De 84a, Moo83, Var89]. **Coordinates** [Eas87a, Har89, AL81, CH88, Cla82b, DW89, Dav81, Dav84, FH88a, Han84a, Hug84, KP84, MT81, MR84b]. **core** [Bat84, BZ84, CCR84a, Fre87, HA82, HA84b, HH84, Hir84, LS84, Moh89, Joh89]. **CORE-based** [Joh89]. **Coriolis** [HK81, HK83, HK84a, HK84b, Kac84]. **coronal** [Duf84]. **corrected** [EFES83]. **correction** [Deu84a, Deu84b, Deu84c, Deu84d, Han84b, KP89, PP85, Rud84, Ver82]. **corrections** [BKJ83, BKJ84, BDK86a, DHN84, FKM+87, JW85, MGN80, MGN84]. **correctness** [DK87c]. **corrector** [BP82a, BP82b, BP84a]. **correlated** [DKA85, WD84]. **correlating** [KS81, KS84b]. **Correlation** [BD87, DFD81, DFD84, HSV84, KS84a, KEMP81, KEMP84, MRCL84, RSL+84, WDM84]. **correlations** [AB83, CMS83, CMS84, Eks84, HD88, JR84]. **correlator** [KMS88, Män89]. **corresponding** [Sch84a]. **cosmic** [MMR89]. **cost** [JHRR87, Mye89]. **Costs** [CNRS82]. **COULCC** [Tho04b, TB85]. **Could** [JMS+89]. **COULFG** [Bar82, Bar84b]. **COULN** [NT84]. **Coulomb** [Tho04b, BDG+84, Bar81a, Bar81b, Bar82, Bar84b, BFSG84, Bar84c, Bar84d, BS80, BS84b, BH88, DF84, FB84, HKT85, LJLC84, LT87, MC85, MKS83, MKS84, Nes84, Nes88, NT84, Pia84, Pol88, RSA84, SS84a, Sea82, Sea84b, Sea84c, SF84b, TTW84b, TR84, TB85, Tol86]. **Coulomb-nuclear** [FB84].

counter [MMF81]. **counter-beam** [MMF81]. **counters** [Män89]. **Counting** [Aur84a, Aur84b, EA83, EA84, AGF87, GTG81, GTG84, GTM85, GTM87, GTMA88]. **Coupled** [GHU81, AKS88a, AKS88b, Bai87, BBM82, BBM84, BP82a, Cha84d, CW80, CDW82, CW84a, CDW84, Chi84a, Cla84, Cla82a, Cre80a, Cre84a, CSW84, DL87, DP88, DRRvB82, FNDL89, GPS84, Gro87, Gro89a, HD86, HBF$^+$85, HT88, HH84, Hir84, HLS84, Hub84a, Mor84c, NK84, NN84, Nor84a, Pia84, RSA84, SK82, SK84, Tol85, WMCH84]. **coupled-channel** [DL87, FNDL89]. **coupling** [BES$^+$87, Bla88, CN84, Cha84e, Cla84, DW84, Dya86, EPS81, ENSC86, Gra84a, Hub84a, Hub84b, KBMV86, LLA$^+$89, LJN85, Nus84, PGB84, Rid82, Rid84b, Rud84, Sar87, SCF86, SW80b, SW84, Tam84, VVM84, WS82, WS84a]. **couplings** [AMC83, AMC84]. **covariant** [KMS88]. **cover** [Eas89, Fin87, Gri87, Tru88]. **CPC** [Ano86n, Jac80, MLL86]. **CPDES2** [AKS88a]. **CPDES3** [AKS88b]. **CRAY** [KJ85, RS85, Dic82, DR82, EBS88, FR81, Fin82, Fin84a, KM85, LB82b, NR86a, PCM85, SG82, Sch89c, SB82, THH82]. **CRAY-1** [KJ85, Dic82, DR82, FR81, Fin82, Fin84a, PCM85, SG82, SB82]. **Cray-1s** [THH82]. **create** [Rob84f]. **created** [TDS81, TDS84]. **creation** [CM84a]. **Cross** [FGK89, All84b, AMK81, AMK84, BKvLSE80, BKvLSE84, BGS81, BGS83, BGS84c, BGS84a, BGS84b, Bet84, Bie83, Bie84, Bil84, BTS84a, BTS84b, BW87, Cap86a, CLS$^+$84, DL87, FNDL89, Har81, Har84a, Hei84, Hen84, HMS84, JT84a, KS86b, LW84a, LJLC84, MMM84, MPR80, MT84b, Nov87, OM83, OM84, ONP89, OTB80, OTB84, PDNE88, PV84, PS84b, RS81, RS84b, Sal82, Sal84e, Sar84b, Sar84c, Sar87, SAC87, SS84b, SMD84, SR84a, SG89, Tar86, Ver89, WL84, WMCH84, vdB84]. **cross-assemblers** [Tar86]. **cross-section** [Bet84, LW84a]. **cross-sections** [BGS81, BGS83, BGS84c, BGS84a, BGS84b, Har81, Har84a, OM83, OM84, PS84b, Ver89, vdB84]. **crossings** [Vio84]. **crystal** [Ber84a, DRD88, FR84, Han84d, MS85, MS87a, MS88, PS84a, Pre84a, SP87, Ste84a]. **crystalline** [BT84a, Han84b, Han84c, Han84e]. **Crystallographic** [Bel84b, CA84]. **Crystals** [Ric84, BMS87, BL86, CLL89, De 84a, Fre87, Han84a, Han84f, LB84, Ric82, Sal83a, Sal84d, SF84b, WD84, WDM84, Wor84a]. **CsCI** [Ano84-83]. **CSDUST3** [ELS88]. **Cu** [JB80]. **Cube** [FAK82]. **Cubic** [Ric84, AAMB84, BMS87, BDD84, Bok84, DS83, DS84a, FAK82, LB84, MV81, MV83, MV84a, MV84b, PDF82, PDF84, Rei87, Ric82, WD84, WDM84, vM84i]. **Culham** [Syk81]. **Cumulative** [SS89]. **Current** [CHL$^+$81, AHS$^+$86, OSF86, SSF$^+$89, Uga88]. **current-drive** [SSF$^+$89]. **Current-driven** [CHL$^+$81]. **currents** [Lee82, Lee84]. **curve** [CAP86b, HE84b, Puf83, Puf84, vM84a, vM84c]. **curve-fitting** [CAP86b, vM84a]. **curves** [ASM80, ASM84, AMB84, De 84c, KEMP81, KEMP84, RS84e, Tel84]. **Curvilinear** [Eas87a, Har89]. **CW** [Smi84a]. **CYBER** [BM86, BM82b, BM82c, BCM83a, BM84a, BSDM88, CMO86, KW84a, HD86, HVS87, VH87, BA86, Car89, Dic82, Pur82, Tol85, VSH83, VBD88]. **cycle**

[Tau85]. **Cyclic** [Joh85]. **cyclotron**
[ABD82, ABD84, CCR88, MKH86, McN81, McN84, MGK86, SSF+89].
cylinder [Cop84c, Kir87, MKRJ89]. **Cylindrical**
[Mas83, AL81, CD86, ELS88, Hug84, Jad84, Kar80, Kar84a, KLGT85,
KB86b, MBOK86, Pie84b, TTAT81, Vrb89, Wie86b]. **cylindrically** [SF84a].

D [Art85a, Eas84a, Eas89, Fin87, Gri87, Lis88, MN84a, MN84b, MZZ89,
Rob85, Sch86a, BLR82, BLR84, ELS88, And84b, And84a, Atz86, Car89,
CN87, Cro88, Eas87a, ERB88, GS89, HL88, JN85, KT81, MCJ81, MCJ84,
Moh89, Ods84, RBMC86, SS81, Syk81, Via87, Wan87, vdV89]. **D0**
[Ano87-29, CHJZ89, CHS+89]. **damage** [Cha84b]. **DAP**
[Par83, AWB82, BM85b, Del85, DD85b, Hel82, JN85, LB82a, MP82, Par82,
RSS85, SRS85, WB82]. **Daresbury** [HSB+84, THH82]. **Data**
[Bel84b, Ber84a, CHJZ89, Eld84, Jas84, KS87a, Mee84, OLR+87, Poh87a,
Put89, Rea89, Ros84a, SG89, Tha89, AI88, AAMB84, AMK81, AMK84,
BGMM81, BD80b, BD81, BD84c, BvSW84, Bro83, BCVZ89, Bur87, CR84b,
CM84a, CMH87, CM84b, CDF+89, CSMHT88, Com80a, Com80b, Com84,
CH84c, CP81, CP84, Del87, DS82, DK82, Dun87, Ezh84, Fia84, FP89, FM85,
FV81, FMS87, Gai89, Gau81, Gau84b, Gau84a, Gau84c, Gli84, Han84b,
Han84c, Han84e, Har84b, Her84a, Hib84a, Hin81, HSA82, HSA84, IA80, IA84,
IA86, IL84, Jac85b, Jac85a, Kal83, KC81a, KC81b, KC84a, KC84b, Kat84,
KM84a, KR81, Klo82, Klo84a, KN84a, KRS83, LCS84, Lid84b, LBK88,
Mas81, McI84, Mir84, Moo84d, Mor84a, NM84, OY80, PF86, PM80, PM84a,
PS88, Pro82a, QTZ+87, Rea84]. **data**
[Rim81, Rob84f, Ros84b, RHM+89, Sal84a, SEF+89, SN84, Sax84a, Sch89a,
SSM85, SBB+89, SM89b, Sko89, SdAD+88, Ste84d, Tep84, TTT87, Tor82,
Tor84, Ver84b, Ver89, Whi89b, Wil89, WC85, Woo86b, WSV88, Yat84,
vMF81, vMF84, vM84g, vMT84, vM84e, vM84i]. **Data-acquisition**
[Tha89, CDF+89, SEF+89, Whi89b]. **data-base** [Put89]. **data-taking**
[Wil89]. **Database**
[Mou87, TTT87, HS84, HSB+84, MS87b, Rus86, Sko89, Ste87, Wha89].
databases [LSW87]. **Dataflow** [Gur85, YSHK85]. **Datstor** [Rob84f].
Davydov [AFH84]. **DBLCON** [War84]. **dc** [ABD84, OSF86, ABD82, EK86].
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ST81, ST84a, SLH84, Sin84, TT82, TT84, Tel84]. **dicon** [TKS+85]. **dielectrics** [LVPG84]. **difference** [AZK83, CSC89, Dru83, GV87, GS83, Kal82, Lis84, Man87a, MN84a, Sch84d]. **differenced** [Wie85]. **different** [PIM80, PIM84b]. **Differential** [Art85a, EFK85, IK85, LJLC84, RW86, Sch82b, Sch86d, AKS88a, AKS88b, AMK81, AMK84, BBM82, BBM84, BTS84a, BTS84b, Car84a, Cha84d, CSW84, DGL89, FK86a, HD86, Jes84, Mar89a, MPR80, Mor84c, OM83, OM84, OTB80, OTB84, Par84, PS84b, RWK+85, Rud84, Sal82, Sal84e, Sch84c, SS84b, SMD84, SR84a, SK82, SK84]. **differentiation** [BKK86, GJ84, MP81b, MP84b, Wai87, WSV88]. **differing** [Fun84a, Fun84b]. **diffracted** [TK84, TK80]. **diffraction** [Bla84, FR84, Gru84d, Han84b, Han84c, Han84e, MGMZ84, RP89b, RP89a, vM84i]. **diffractive** [Kas84]. **diffuse** [SP86]. **Diffusion** [EFES83, RBMC86, BH81, BH84a, BSA86, BLT81, Câm82, Câm84g, CRL84, Del85, Sch87b, WD84, WDM84, vMF81, vMF84, vM84g]. **diffusive** [ACR88, WBG84]. **digamma** [Köl84c]. **Digital** [FS82, BGMM81, Dew82, Ruf85]. **digitized** [SCC+88]. **digitizing** [BdCP81]. **dilute** [CGG87, OS84, Tho84]. **diluted** [NHK82]. **dimension** [HLM+87, IKRT89]. **Dimensional** [CW84c, ABG+84, AWB82, AK84, BC88a, BCM83a, BWD84, BL88, CR84c, Cho84, CRPL81, CRL84, CRPL84, CH84a, CAR84b, CMM84, CM86, CMO86, De 88, DM87, DM89b, DH84b, EHL80, EHL84, IK81, GJ84, GTL+86, Goe81, Has84, Hay89b, HL86, HvRM86, Hou87, HWL89, KK88, KJ85, KR81, Kir87, Lan80, LK88, Lew82, Lew84a, LNS84, LB82b, Luc84, MMS87, MMK81, MMK84, MKH86, MBOK86, MMTK88, NR86b, NRS88, Ods80, OT80, OT84, Per89, Phi80, Pis84a, Pis84b, RSMTV88, RR84, RC85, RG86, Sch84d, SM89b, She84, SPM+88, TW89b, Tre88, VČ88, WBG84, Wie85, YP86, Zlo84b]. **dimensionalities** [DV85]. **dimensions** [AKS88a, AKS88b, BSDM88, DP84, HH82, Sch81, SM82, SM84f, Wai87, YFL87]. **dinuclear** [Ogi83, Ogi84]. **DIP** [SM89a]. **DIP-moveout** [SM89a]. **dipolar** [LVPG84]. **Dipole** [DF84, Hib84c, KN84c, Sho81, Sho84]. **diquark** [Rit84a]. **DIRAC** [DSK84a, BDM81, BDM84, Des84b, FR86b, GMN+80, GMN+84, IKRT89, KMS88, MGN80, MGN84, Pic89]. **Direct** [Klu84a, BH85a, CC89a, FS84a, HL88, MG84, RWZ87, SC89]. **directional** [MRCL84, RSL+84]. **directions** [Pat82]. **Director** [MG84]. **Dirichlet** [MP81a, Cam84f, MP84a]. **DIRIGE** [DK87a]. **discharge** [Abr88, DE84]. **discharges** [DEW84]. **discontinuities** [Moo84d]. **discrete** [CRS87, CCR84a, Dav81, Dav84, Hel80, Joh87b, NR86b, RA82, RA84, Wie85]. **discretization** [AS83, And83b, And83a, AS84, And84b, And84a, SA83, SA84]. **discretizations** [KA87]. **discretized** [KP89]. **discussion** [Ano88-35, WBV+89]. **disk** [RHM+89]. **disk-based** [RHM+89]. **dislocations** [Pet84]. **Disordered** [Vir89, MZM+82, MZM+84, SP86]. **dispersion** [EFES83, Han84d, New86]. **displacement** [Cha84b, DS83, DS84a]. **display**

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[Eas84b, Ano80e, Ano80f, Ano88h]. **Eds** [And86, Bra86, Gri87]. **Edwin** [BKvLSE80, BKvLSE84]. **effect** [CKV85, DG84, HK81, HK84a, Kac84, Nai84, Vio84, WS84b]. **Effective** [CO84, HIM84, LR84b, MN80, MGTD84, SMT88, Tal89, Nad86a]. **effective-range** [LR84b]. **effectively** [BM82a]. **Effects** [EPS81, TTAT81, BS83, BS84a, Cop81, Cop84a, Cop84d, Cop84c, Cop84b, CVvWF86, Hoe86b, JW85, Odo82, Odo84b, San82, San84, Sch81, Sch83, Sei84]. **Efficiency** [MRT89, AGF87, GTG81, GTG84, GTM85, GTM87, GTMA88, Lux80, MTN$^+$82, Sch82a]. **Efficient** [KM85, KB86b, MB83, MHP84, MB84, New86, NR86a, And86, BSK88, BVL84, CHMM84, KMS88, NP84, SH82, SH84, SM86, Ver82]. **efforts** [Sch88b]. **Effy** [GTG84, GTM85, GTG81]. **EFYGA** [GTM87]. **EGS** [CN87]. **EGS4** [Miu87]. **EGS4V** [Miu87]. **eigenfrequency** [Cap86a]. **Eigenfunction** [PZCC89]. **eigenfunctions** [DK87a, JT83, JT84b, JA80, JA84, ST84b]. **eigenproblem** [Nas84]. **eigenproblems** [DW88]. **Eigenstates** [MPS84, FV86, FH88b]. **Eigenvalue** [Gru80, Gru84b, BN81, BH82, BMK89, Cli82, FJ89, Gru84a, Jam87, Rap83, Saa89, YP86]. **eigenvalues** [Bos83, Bos84, CH87, CLS88, DK87a, FV86, Joh88, Kar80, Kar84a, KLS85, MPS84, MP82, NKS88, Sch88a]. **eigenvectors** [KS86a]. **eikonal** [MPR80]. **EIV** [Shu87]. **elastic** [All84b, BB84b, Cop81, Cop84b, DS83, DS84a, EM84b, Fun84b, Gje81, JT84a, KF84, Keg81, Keg84, Lan82, Lan84a, LK88, LB84, MS84, OM83, OM84, PSL88, Pet84, RM89, SP86, Smi84d, TTW84a, TW89a, Yat84]. **elastic-plastic-hydro** [LK88]. **elastic-scattering** [PSL88]. **electric** [Arn84b, God84, Hib84c, LJLC84, Nai86, OSF86, ÖW84, SS84a, Tol86]. **electric-dipole** [Hib84c]. **electrical** [EK86, Isl84b]. **electrodes** [DEW84]. **electrodynamics** [SMM89]. **Electromagnetic** [BF84, Cap86a, CCR88, OM88, DM89a, VM89, YMWW89]. **Electron** [MMM84, PSBG84, Ras80a, Ras84a, Sin84, AT84, AP82, AP84, ANP$^+$85, AGF87, Bar83, Bar84e, BGS81, BGS83, BGS84c, BGS84a, BGS84b, Ben82, Ben84a, BDK86b, BDD84, BW87, Chi84a, CLS$^+$84, Cre80a, Cre84a, CSW84, EBS88, FT84a, FV82, GTL$^+$86, Gia84, HC83, HC84, Hib84b, JT84a, JA80, JA84, Lan84b, LW85, Len80, Lew84d, MLL86, Män89, MKH86, MS84, MGK86, NM84, NN84, Nor84a, Odo81, Odo84c, OM88, PP85, Ras80b, Ras84b, Rit86, RP89b, RP89a, SP87, Sal84c, ST81, Sal82, Sal84e, ST84a, SNC80, SNC84, SSF$^+$89, ST84e, SV84, ST82b, ST84f, TW89a, TSD84, TW89b, WL84, WW80, WB84, Yat84]. **electron-Atom** [NM84, AT84, Bar83, Bar84e, CSW84, Sal82, Sal84e, ST84e, Yat84]. **electron-capture** [AGF87]. **electron-diatomic-molecule** [MLL86]. **electron-hydrogen** [BW87]. **electron-molecule** [SNC80]. **electron-photon** [SV84]. **electron-positron** [ANP$^+$85, BDK86b, Odo81, Odo84c, Rit86]. **Electronic** [BAG$^+$87, BB84a, CC89a, DK87b, DWVH89, HRB84, SK82, SK84, WC84]. **Electronic-structure** [BAG$^+$87]. **electrons**

[All84c, AM84a, BS83, BS84a, BGMP84, Chi84b, Gra84a, LW84a, MR80, MR84a, Moo84h, SMMP86, SS84c, SS84d]. **electrostatic** [HM81, HM83, HM84a, HM84b, OM88]. **electrotransport** [OBLR84]. **element** [AHVV86, Bur85b, DM89a, DD85b, EP86, FM85, KS84c, KS84g, KS84h, Kon84, Len80, Man86, Man83a, Par89b, PB84b, Pis84a, Pis84b, SFB87, SMC81, SMC84, Sun88, TTAT81, TL89, VM89, Zlá80]. **element-by-element** [TL89]. **elementary** [CC89a, MV83, MV84b]. **Elements** [BH88, FBS88, FBS89, ABG+84, Arn84b, Ben82, Ben84a, BOT86, Bou87, Bra84d, Bru85, Bru86, Cha84e, Cla84, Das89, EEV89, FS84c, Hod84, Jam84, Klo84c, Kol81a, Kol84a, KM82, KM84b, Lab84a, Lew84d, MRC85, Par84, PGB84, Rob84a, Sal84c, SS84a, Sax84b, Sax84a, Sax84c, ST84b, Ten85, Tol86, YP89]. **elgenvalue** [BH84b]. **elimination** [Vaj82]. **Ellips** [Ber84b]. **ellipsometer** [Ber84b]. **elliptic** [CKT89, Jes84, KS89, Vaj82]. **elliptical** [Moo83]. **ellipticity** [Moo80, Moo84c]. **Ellis** [Jes87]. **elongated** [Hof88]. **Elsasser** [Moo84e]. **EMAP** [Wie86b]. **Embedded** [Nie88]. **emerging** [Met87]. **emission** [Duf84, Le 89]. **emissions** [OM88]. **emitter** [GTMA88]. **emitters** [Pie84b]. **emphasis** [And86]. **Empirical** [Krá86b]. **emulator** [VGD+89]. **emulsion** [GDH+89, Per89]. **energies** [BS80, BS84b, CDN+87, DS83, DS84a, FE88, HR86a, HR86b, IR80, KSE86, Lew84c, Mag84b, Odo81, Odo84c, PI84, Ric82, Ric84, Sil84b, TR84, TTL88, Wil84b, Wil84c, WB84]. **Energy** [AFH84, AF84a, AF84b, CJ84, Kar80, Kar84a, Wic87, AP82, AP84, BMV83, BMV84, BBE+81, BMR85c, Bar81b, Bar84c, BGMP84, BGS81, BGS83, BGS84c, BGS84a, BGS84b, Bla84, Boc89, BE89, Bur87, CC89a, CH87, CH88, Cha84b, Cug84, DM86a, Den88, Dun87, FV86, Gal84, Ger80, Gro89a, HIM84, Hin81, HRB84, Jac81, JT83, JT84b, JMS+89, JP80, JP84b, KAH+89, KP81a, Kaw86, Keg85, KKLP84, KVW84, KK84b, KKT+88, Lan87, LW85, LSW87, LB84, LLC84, MRW84, MM84a, MGN80, MGN84, MBW89, Mon87, Nas87a, Nas89, New89, NT84, Ogi83, Ogi84, OLR+87, PSBG84, PFGP82, Poh87a, Poh87b, Put89, Qua87, RFSG84a, RR84, Rim81, Rit86, Rob87a, RRG88, RP89b, RP89a, SMMP86, SN84, Sea82, Sea84c, Sko84, Van81b, Ves89, VČ88, WC84, Wat89, Wha89]. **energy** [Whi89a, Wil81, Wis87, vD87b]. **Energy-level** [AF84b]. **Energy-loss** [CJ84]. **engineering** [BCC+85, Cam86, CMH87, Eck84, Jam86a, Nad86b, Sch86b, Sto89, Stu85, Wes87]. **Enhanced** [PCL89]. **enhancement** [GSS81]. **enhancing** [KWPP89]. **ENSDF** [Mir84, Tep84]. **ensemble** [HD88, Kra86a]. **entire** [BDG+84]. **entropy** [DL86]. **enveloping** [DVD87]. **environment** [ACSB85, BGM87, Bur87, Dit89, May89, MGN80, MGN84, Nag85, SN84, Sta87a, WHD86, Wic87, Wis87]. **environments** [KSS86, Stu85, Was85]. **ephemeris** [SGS+89]. **epic** [HD89, Eas87b]. **EPR** [DSM+81, DSM+84, Ste84b, dBM82, dBM84]. **EPR-spectra** [DSM+81, DSM+84]. **equal** [Jab84]. **equation** [AS83, And83b, And83a, AS84, And84b, And84a, AZK83, BH85a, Bel84a, BVL84, BD82, BD84b, BSA86, BL88, CR84c, CKA89, Cla82b, DGL89, DRRvB82, ERB88, FV86, FGSH85, FS84a, FBW82, FC84a, Fog84, GS83,

Hay80, Hug84, IR80, Ixa80, IR85, IB87, IGB+89, Jam87, KK83b, KP85, LWHH82, LWHH84, LR84a, Mac89a, Mar84a, MP81a, MP84a, Moo83, Mor84b, MZZ89, NBI+85, PR87, PM80, PM83, PM84a, PM84b, Rap81b, Rap83, RC85, RC87, RG80, RG84, SA83, SA84, SFB87, SBFI87, Ste84c, TSD84, TV86, TT89, VPB82, VPB84, Wie85, WW80, vTBF84]. **Equations** [Art85a, EFK85, IK85, RW86, Sch82b, Sch86d, AKS88a, AKS88b, BBM82, BBM84, BP82a, Bur85b, BCCM87, CSC89, Car84a, Cha84d, Chi84a, Cla82a, Cre80a, Cre84a, CSW84, DWC+89, Ede84, FK86a, IK81, FOW87, Gaj85, GPS84, GS88, GSZ85, HD86, Has84, HLS84, Hou87, Ito86, Jes84, KP89, KA87, KRSV82, Kos80, LM85, Mar89a, MP81b, MP84b, Mik80, Mor84c, NN84, Nor84a, Par84, Pia84, Pro82b, Pro82a, Pro84, RWK+85, RW84, Rud84, SC89, Sch85c, Sch84b, Sch84c, SK82, SK84, Sun88, TF89, Tol85, WMH82, WBG84, tR85]. **equilibration** [RBMC86]. **equilibria** [BWD84, CR84a, Goe84, GKM+81, HL86, HC86, KJ84, Lao84, RG86, Sch84d, She84, TS84b, Var89, ZC84]. **Equilibrium** [SS81, Bet84, BLT81, BM84b, CRL84, Hof88, MN84b, Mik84, Shu87, WH81]. **equilibrium-diffusion** [CRL84]. **equilibrium/compound** [HMS84]. **equivalence** [PT82, You87]. **equivalent** [All84c, AM84a, Ata85, Chi84b, Gra84a]. **era** [WBV+89]. **Erato** [GST+81, GTR+81, TTM+80, GTB+81, GTB+84, SG81]. **Erika** [RF83, RF84]. **EROTVIB** [JT84a]. **Erratum** [Ano80m, Ano80n, Ano80o, Ano80p, Ano80q, Ano80r, Ano81o, Ano81p, Ano81q, Ano81r, Ano81s, Ano82t, Ano82u, Ano82v, Ano83k, Ano83l, Ano83m, Ano83n, Ano83o, Ano84x, Ano84-30, Ano84-72, Ano84-31, Ano84-32, Ano84-73, Ano84-33, Ano84-34, Ano84-35, Ano84-74, Ano84-36, Ano84-37, Ano84-38, Ano84-39, Ano84-40, Ano84-41, Ano84-42, Ano84-43, Ano84-44, Ano84-45, Ano84-46, Ano84-47, Ano84-48, Ano84-49, Ano84-50, Ano84-51, Ano84-52, Ano84y, Ano84z, Ano84-27, Ano84-28, Ano84-29, Ano84-53, Ano84-54, Ano84-55, Ano84-56, Ano84-57, Ano84-58, Ano84-59, Ano84-60, Ano84-61, Ano84-62, Ano84-63, Ano84-64, Ano84-65, Ano84-66, Ano84-67, Ano84-68, Ano84-69, Ano84-70, Ano84-71, Ano84-75, Ano84q, Ano84r, Ano84s, Ano84t, Ano84u, Ano84v, Ano84w, Ano85o, Ano85p, Ano85q, Ano85r, Ano85s, Ano85t, Ano86u, Ano86v, Ano86w]. **Erratum** [Ano86x, Ano86y, Ano86z, Ano86-27, Ano87u, Ano87v, Ano87w, Ano88u, Ano89t, Ano89u, Ano89v, Ano89w, KS08, Ran87a, Tho04a, Tho04b]. **error** [CM84d, Moh80, Moh84, Rap83, Ver82]. **Errors** [MLL86, EFES83, Hay83, JR84]. **ES-computer** [Tar86]. **ESA** [Wen88]. **ESECT** [Wie86b]. **ESECT/EMAP** [Wie86b]. **ESOP** [DGK+81, Jac81, Jac82]. **especially** [Aue84]. **essential** [Col88, Mou89]. **establishing** [FC84b]. **estimate** [GH83, GH84a]. **Estimation** [DP84, DL86, HB85]. **ETA** [BCMR87, MMR89, MKRJ89, VBD88]. **ETA-10** [BCMR87, MMR89]. **Ethernet** [Gam89]. **Euclidean** [GV89]. **Euler** [Di 87]. **Eulerian** [IGB+89, WHW87]. **Europe** [Duf85]. **European** [Ano88-27, CFG+87]. **eV** [vdM84a]. **eV-region** [vdM84a]. **eva2** [BPW84a].

evaluate
[AGF87, BW87, CW80, CW84a, Cha84e, GH84b, Nov87, Rob84a, TT82, TT84].
Evaluated [LCS84, Mir84, Tep84, Ver84b, Ver89]. **evaluates**
[HM81, HM83, HM84a, HM84b]. **Evaluating** [Ito85, NT84, Tal82, Tal84a].
Evaluation [Com82, EEV89, Rob87a, SG83, SG84b, BDJ+89, DFD81,
DFD84, Di 86, GDH+89, HKK84, KK84a, KP84, Moo84e, Mue84, Nes88,
Nob80, Nob84, ONP89, Sax84b, SG84a, SC84, ST84e, Tau80, Tau84c].
evaporation [DKA85]. **evar** [BPW84c]. **eve** [Wil89]. **Event**
[Nas89, CDF+89, CHS+89, DFOP89, FR86a, Kaw86, O'N89, Odo81, Odo84c].
events [AI86, BD84d, Gal84, MPS81, Rit84b]. **Everett** [Her82a, Her84b].
everyday [Ano88-27]. **Evolution** [Van81a, Cla88, EPS81, GSZ85, Ito86,
Mik80, Odo82, Odo84b, San82, San84, SVP86]. **Ewald**
[AF82, AF84c, Fin82, Fin84a]. **ex** [LS84]. **ex-core** [LS84]. **Exact** [BH88,
DG84, FKU+84, Gol84b, Jam86b, LW84a, NKS88, TL84, TUWA84, TW83,
TW84, HDK84, Mar84a, NFH+88, SW80b, SW84, Ten83, Ten84a, WL84].
EXAFS [AI88, IA80, IA84]. **examine** [TCS85]. **example** [AB88, CNRS82].
examples [RW85]. **exchange**
[AT84, Nob80, Nob84, Par84, ST84e, WGM83, WGM84, vdB84]. **excitation**
[DM89a, Kas84, KK84b, LJLC84, MMM84, Nog83, RSA84, ST81, ST84a,
SS84a, TSD84, Tol86, Vaz81, Vaz84]. **excitations** [Szy81]. **excited**
[KM86, Lab84b, LHP87, Mal84, RA82, RA84, Tal84b, WS80]. **exec** [Rea84].
Exlam [WGM84, WGM83]. **expanding** [Tal82, Tal84a]. **expansion**
[BCCM87, But89, CWS83, CWS84, Del84a, Lew84c, Lew84d, MLL86,
Mar89c, MBW89, Mor84b, Mor80, Mor84d, SNC80, SNC84, She84, Sil84a,
Sil84b, VČ88, WGM83, WGM84, WS80, Wil84c]. **expansions**
[Gro89b, KS84d]. **expectation** [EHH88]. **Experience**
[Del87, DR82, Jac82, JMS+89, RS85, Sli89, Sph87]. **experiment**
[ABLB+89, AP89, BLMU81, Beh81, BE89, DGK+81, Gje81, Kos80, PFGP82,
PS88, SN84, Sko89]. **Experimental**
[LGG+87, ABMT84, BCM84a, BD80b, BD81, BD84c, CH84c, Den88, Eld84,
FV81, IL84, KRS83, LCS84, Poh87a, Reg81, Rei89]. **experimentation**
[CF85, Col88]. **Experiments** [MBW89, BBE+81, Bun86, Cop81, Cop84a,
Cop84d, Cop84c, Cop84b, CVvWF86, GH83, GH84a, Jac81, Mae88, Mak80,
Man83b, Mou87, Nas89, New87, Nur85, OLR+87, Rim81, Ryn82, Ryn84,
RD80, RD84, Whi89b, Wil81, ZS87]. **expert** [BC87]. **Explicit**
[RB84, CSC89]. **explosion** [MPM83, MPM84]. **exponent** [Com82].
Exponential
[RC87, BKvLSE80, BKvLSE84, Kal83, PIM80, PIM84b, Tor82, Tor84].
exponentiality [Kal82]. **Exponentially** [Rap83]. **Exponentially-fitted**
[Rap83]. **exponentials** [Bro83]. **Expression** [ACSB85]. **expressions**
[YB86]. **extended** [AF84b, Cre81, Cre84b, DBB84, DW88, KE84b].
Extension [BRTB84, Var89]. **extensions** [GST+81]. **extensive**
[GHO+89, Goo84]. **External** [DK82, Wor84a, VČ88]. **extraction**
[IL84, Mor84a]. **extrapolation** [CC84]. **extrapolations** [CC84].

F [Eas89, Sta87b]. **F.S.U.** [LGG+87]. **Fabry** [MMF81]. **facilities** [HR84e, Zac81]. **facility** [BGMM81, Day81, Day84a, DFOP89, MP89, Nic89]. **FACOM** [MTN+82]. **factor** [Han84b, Isl84b, Poe85, SS84c, SS84d, TUWA84, WDM84]. **factorization** [BM85b]. **factors** [All84a, BCFK85, BS84d, CDN+87, DK87b, DW84, EE89, Fun84a, GT83, GT84, Han84d, Isl81, Isl84a, Rei87, SSS84]. **FADO** [WPVS89]. **failure** [KK85, KB86a]. **FAMP** [Her82b, HGK+81]. **Faradaic** [BCM84a]. **farming** [BDJ+89]. **farms** [GH87]. **Fast** [AZK83, BKHJ83, Che89, FLM84, Her82b, MMS87, NFH+88, SCC+88, Tem82, AGR88, Beh81, BN81, BLR82, BLR84, BSDM88, CWS83, CWS84, Car89, CMM84, DGK+81, FSR84, Gje81, IGB+89, Jac81, Jac82, KS89, Keg85, NRS88, PJ89, PPHS86, RS83, RS84d, SM89b, Tel84, Uga88, Vaj82, VBD88, Voh88, CH84b, GT83, GT84, Mar84b, NR86a]. **FASTBUS** [ABG81b, BC87]. **FASTF** [GT83, GT84]. **fault** [HAG+89, MD81]. **fault-tolerant** [MD81]. **FBT** [Hof88]. **fcc** [DM89b, NHK82, Sal83a, Sal84d]. **FCFRKR** [TT82, TT85, TT84]. **FD** [FR86b]. **FDG** [FR86b]. **FDH** [FR86b]. **features** [RW85, WHD86]. **FEDGROUP** [Ver84b]. **FEDGROUP-3** [Ver84b]. **FEDMIX** [Ver89]. **FEL** [TW89b]. **Fermi** [BDM81, BDM84, FR86b, PDF82, PDF84, Pic89]. **Fermi-surface** [PDF82, PDF84]. **Fermilab** [GAA+87, Joh89, Nic89, Whi89b]. **fermion** [DV85, Duc80]. **fermions** [DeG88, Oya86]. **ferromagnet** [NHK82]. **Feshbach** [SS84b, AXG87, Smi84b]. **few** [Gir81, HR87]. **Feynman** [KKS87, KR88, Stu88, WP84]. **FFC** [DK87b]. **FGM** [Szé85]. **fiber** [BCC+89]. **Field** [Ano84-85, Mat84, SBM+86, ST89b, BB84b, BM84b, CCR88, CCR84b, CGG87, CT82, Des84a, EPS81, Frü81, GLST89, Hoe86a, HWL89, Kar80, Kar84a, Klu84b, KS84g, KS84h, Lee82, Lee84, LCW84, May81, May84, McN81, McN84, MMO89, ML81, MR86, MR87, O'C84a, OSF86, ÖW84, Ste84a, VČ88, WB88, vMF81, vMF84, vM84g]. **field-gradient** [vMF81, vMF84, vM84g]. **field-reversed** [HWL89]. **fields** [CD86, DE84, DS83, DS84a, JBWW86, Mar89c, Mik84, Pet84, PT86, TSD84]. **FIFPC** [FSR84]. **Fifth** [Ano82w, Ano86f, TL82, LT85]. **figs** [Eas84a]. **figures** [AO88]. **file** [Ben82, Ben84a, CR84b, Mir84, Tep84]. **files** [BJ81a, BJ81b, BJ84a, BJ84b, Cre80b, Cre84c, LCS84]. **filing** [KS86a]. **films** [Hub84e, Hub84f]. **filter** [Gje81]. **filtering** [CHS+89, WMN85]. **filtration** [Zlo81, Zlo84c]. **final** [ANP+85, Bra84c, Bra84b, TS89]. **Finding** [IK85, Hau87, Ito86, LWHH82, LWHH84]. **Fine** [Sar84b, Sar84c, Dec89]. **Finite** [DD85b, FBS88, FBS89, Man87a, Zlá80, ABG+84, AHVV86, BLR82, BLR84, Bur85b, CSC89, EP86, FKU+84, FM85, GS83, Hod84, KS84c, KS84g, KS84h, Kon84, Lan80, Len80, Lis84, MVV83, MVV84, MV87, Man83a, MSFR89, NK84, PV84, Pis84a, Pis84b, SFB87, SMC81, SMC84, Sun88, TTAT81, TL84, TUWA84, ZNO88, Man86]. **finite-and** [Lan80]. **finite-element** [KS84c]. **finite-range** [FKU+84, PV84]. **FIRE** [MPM85, MPM83, MPM84]. **First** [Hub84c, Sch86c, Sch86d, CRH+89, DM88b, IH86, JP84a, Köl81b, Köl84b, Kos80, Moo80, Moo84c, tR85]. **fission**

[Jam86b, TCS85]. **fit** [Han84f, Les89, MC85, RVD+81, vMF81, vMF84]. **fits** [KL84a]. **fitted** [Rap83]. **fitting** [AL81, AMK81, AMK84, BB86, Bil89, Bro83, CO84, CAP86b, EHH88, GJ84, Hau87, MGMZ84, O'C84b, RC87, Sci89, Sha87, Ste84a, TN84, Wil84b, WS84b, Woo86b, vM84a, vM84c]. **five** [FGK89]. **five-parton** [FGK89]. **fixed** [Bat84]. **FIXSRC** [BH85b]. **flavours** [Odo84a]. **Fletcher** [Ano89h]. **flexible** [Eck84, MD81, MP81b, MP84b, Szé85, WS84b, vM84a]. **flight** [HAG+89, Keg81, Keg84, Sne85]. **Flip** [BKR88]. **floating** [MB84, Bur85b, MB83]. **floppy** [Ten83, Ten84b, Ten84a]. **flow** [Bra87a, BKR88, Del87, FCW84, For89, KJ84, KW84b, SWHB88, SSM85, TL89, TF89, Eas84a]. **Flows** [Art85b, Cro88, Fri88, HH82, Key89, KL84b, Rob87b]. **Fluences** [Keg85]. **Fluid** [Ano89h, MT81, And86, Ano82w, Bra87a, BKR88, DGL89, Eas80, Eas84a, Eas88, FBW82, Gal85, Lad86, Ods84, RBMC86, Ros85]. **fluids** [Gup88a, Gup88b]. **flux** [EFES83, MMR89, Rei89, SF84a, Var89]. **fluxes** [Wie85]. **Fluxoids** [Kam84]. **FMEHAM** [Fle81]. **Fock** [Des84a, AAH84, ABH+84, Bat84, CCR84a, CCR84b, Des84b, Fle81, Fro84a, Fro84b, Fro84c, Fro87, GMN+80, GMN+84, HKS83, HKS84, Irv82, KKLP84, Lab84c, MGN80, MGN84]. **focusing** [Nor82, Nor84b]. **foil** [IL84]. **foils** [RS83, RS84d]. **Fokker** [ERB88, FSR84, MMK81, MMK84, MGK86, MMTK88, OCS86, SFB87, SSF+89]. **Folded** [PIM80, PIM84b, Coo82, Coo84a]. **force** [Bin87, CHL+81, Gel85, Han84a, Han84f, May81, May84]. **force-free** [CHL+81]. **forces** [LR84a, LR84b]. **Forecasting** [Dic82]. **Form** [Ito85, SS84c, BCFK85, BP82a, BM84b, EE89, Fun84a, Isl84b, Sal84a, SSS84, SS84d, TUWA84]. **form-factor** [Isl84b]. **formac** [FK86a]. **Formal** [Bri86, Gór88, Hoa89, Suf89, HKK84, Dob85]. **formalism** [Hof84b, MV87, NBI+85, Sal82, Sal84e, SS84b]. **format** [Jac85b, Jac85a, Sal84a]. **formation** [KL84b, Ric82, Ric84]. **formatting** [Tau81, Tau84b]. **formed** [DKA85]. **Formint** [GSZ85]. **forms** [Sko89, TT89]. **formula** [BK84b, Jab84, KB84, Tak88a, Tak88b]. **formulae** [LU83, LU84, Sei84]. **formulas** [RB84]. **formulation** [CN84, MT81, Nob80, Nob84]. **FORSIM** [Car84a]. **Fortran** [Nad86a, AI88, Bai86, BSdlT87, BS86a, Bru86, CSC+86, CM86, DFD81, DFD84, DM89b, GH87, Gro89b, MMM85, MD88, Pag87, RW85, Rom81, Sch89c, VH87, dB82, AD84, Bar84a, Ber84b, BDJ+89, BH85b, BJ81a, BJ81b, BJ84a, BJ84b, CRV+89, CDW82, CDW84, CR84d, Col80a, Col84a, Com80b, Dob85, GDK89, HM81, HM84b, HR83b, HR83c, HR84c, HR84d, IA80, IA84, Jac85b, Jac85a, Jes82, Joh87a, KK89, MW84a, MW84b, May89, Met85, Met87, Met89, Nai84, Nai86, PV84, PS84c, RV84, RRC89, Rob83, RS81, RS84b, Sal84a, SMD84, SR84a, SDH84, VSH83, Zoh84, dB84, vMF81, vM84d, vM84f, vMF84, vM84g, vMT84, vM84e, vM84h, vM84i]. **Fortran-IV** [SDH84]. **Forward** [Ano88v, Dob89]. **Four** [MC84a, NRS88, BCM83a, BDK86b, IR85, Mue84, WwYpCg88]. **four-body**

[Mue84, WwYpCg88]. **four-dimensional** [BCM83a]. **four-lepton** [BDK86b]. **Four-stage** [MC84a]. **four-step** [IR85]. **Four67** [CH84b]. **Fourgen** [Mar84b]. **Fourier** [CH84b, GT83, GT84, Mar84b, NR86a, She84, AI88, CRS87, Can81, CKT89, CT84b, Col84b, DM88a, IA80, IA84, IGB+89, Jun81, Jun84, KK83b, NR86b, NRS88, PS84c, Sch84d, SM89a, SM89b, WSV88]. **Fourier-expansion** [She84]. **fourth** [Ano82i, Col80b, Nog83, Vaj82, WS80]. **fourth-order** [Col80b, Nog83, Vaj82, WS80]. **FPPAC** [MMK81, MMK84]. **FPPAC88** [MMTK88]. **FPS** [Bur85b, Gro87, Gro89a, MB83, MB84, Rob87a]. **FPS-164** [Bur85b, MB83, MB84, Rob87a]. **fractal** [GV89]. **fraction** [Nex84, SW80b, SW84, TB85, Tho04b]. **Fractional** [All84c, AM84a, Gra84a, Chi84b, Hub84b, MNJL84, SK86]. **fractions** [Lee89]. **fragment** [TCS85]. **Fragmentation** [GV89, BTWN87, Rit84a, Sjö82, Sjö84b, Sjö86, SB87]. **fragments** [DKA85]. **frames** [SM84b]. **framework** [Car80, GSS81]. **Franck** [All84a, DK87b, TT82, TT84]. **FRANPIE** [Vaz84, Vaz81]. **Fredholm** [tR85]. **Fredrikze** [BD81]. **free** [CR84a, CHL+81, HvRM86, Hof88, Jac85b, Jac85a, Ran86, Ran87a, RWZ87, TW89b, Vaz81, Vaz84, Cro88, Fri88, Tre88]. **free-boundary** [Hof88]. **free-electron-laser** [TW89b]. **Free-Lagrange** [Cro88, Tre88]. **Free-Lagrangian** [Fri88]. **freedom** [SK82, SK84]. **FREESCO** [FR86a]. **Freint** [Gru84d]. **frequencies** [BRTB84, CCR88, Han84f]. **Frequency** [Lee89]. **Fresnel** [Gru84d]. **Freudenthal** [KB84]. **friction** [Vaz81, Vaz84]. **frictional** [Has84]. **friendly** [Vis84b]. **FRITIOF** [NAS87b]. **Frozen** [CCR84a]. **Fscript** [Tau84b, Tau81]. **FT** [AP89]. **FT-NMR** [AP89]. **FTIDY** [BS86a]. **Fujitsu** [MHP84]. **full** [JBWW86, KH89, Tau81, Tau84b]. **full-wave** [JBWW86]. **function** [BD80a, BD84a, Bar84a, Bru85, Bru86, Car89, Col80a, Col84a, DG89, De 84c, DL86, Del84b, Deu84b, Deu84c, Deu84d, Fie80, Fie81, Fie84, HvRM86, Jam80, JR84, Köl84c, LM85, LB84, MS85, MS87a, MS88, Moo81b, Moo84b, New86, Pie82, Pie84a, Tau80, Tau84c, Ten84b, Woo86a]. **functional** [Gir81, GSS81, Ric86]. **Functions** [Cam84c, SM84b, AT84, And84c, AM84b, AM84c, AM84e, BDM81, BDM84, BDG+84, Bar81a, Bar81b, Bar82, Bar84b, BFSG84, Bar84c, BS80, BS84b, BD87, BC83a, BC83b, BC84a, BC84b, BCM83b, BCM84b, But89, BC88b, CWS83, CWS84, Cam81, Cam84a, Cam84b, Cam84d, Cat89, CgYpXh85, CM81a, CM84c, Cug84, CDN+87, De 88, DGPM85, DFD81, DFD84, DS83, DS84a, Di 86, DF84, Eğe82, Ege84, EMR84, FS84d, Gas81, Gas84, Gro89b, Han84c, Han84e, Hel80, Her82a, Her84b, Hib84c, HFG88, HSV84, Jak84, Jam84, Kar80, Kar84a, KM84a, Köl81b, KS84d, Köl84b, KB86b, Lab84d, Les89, Mas83, MM88b, MKS83, MKS84, NP84, Nes84, Nes88, NT84, Odo82, Odo84b, PB84a, Rao81, Rob84b, RBHW84, Sal84c, San82, San84, Sar87, Sea82, Sea84b, Sea84c, Ská81, Ská84, Smi84c, ST84e]. **functions** [SG84c, Ste84c, TTW84b, TR84, Tau84a, Ten85, TB85, TB87, Tho04a, Tho04b, Vaz81, Vaz84, Ver89, Yur84, Zlo89]. **fundamental**

[AMC83, AMC84]. **FURI** [Bar84a]. **Fusion** [Kil80, PDNE88, Atz86, CRPL81, CRPL84, CAR84b, DL87, FNDL89, MPM83, MPM84, Vaz81, Vaz84]. **Future** [Gam89, Hut89, Wen88, Bra87b, Gai89, Gri89, JMS+89, Kas82, Lev89, Met85, Nis88, Pat82, Str87]. **Fuzzy** [KK85, KB86a]. **FX** [Par89b]. **FX/8** [Par89b].

G [Eas89, Jes87, Sta87b, Rea84]. **G-exec** [Rea84]. **GAEA** [TTT87]. **galactic** [JN85]. **game** [Tat80]. **GAMM** [Ano82w]. **Gamma** [Hub84d, AWG84, Eks84, FC84b, GTM87, GTMA88, Hub84c, Köl84c, KAR81, KAR84b, Lea87, MRCL84, RSL+84, SS84c, SS84d, Szé85, Zlo82, Zlo84a]. **gamma-gamma** [MRCL84, RSL+84]. **Gamma-radiation** [Hub84d]. **gamma-ray** [AWG84, FC84b, Hub84c, Lea87, Zlo82, Zlo84a]. **gamma-spectrum** [Szé85]. **Gamow** [VPB82, VPB84]. **gas** [HP83, HP84, MPM83, MPM84, OS84, Rom81, SWHB88, Sea84a, Tho84]. **gaseous** [DE84, PSBG84]. **gases** [Câm82, Câm84g, EK86, PM80, PM84a, TSD84]. **gateway** [Ghi87]. **gather** [Voh88]. **GATO** [BHM81]. **gauge** [Ano87b, Ano89x, AM81, AMC83, AM84d, AMC84, BM82a, BM82b, BM82c, BCM83a, BMR84, BM84a, BMR85a, BLR82, BLR84, CM85, CGGK85, CCS89, CMS83, CMS84, CM83, CM84e, DMM84a, DM87, DMM83, DMM84b, EMM81, Hoe86a, Ken89a, KLS+89, KR88, KM85, Mac89b, MMS86, MB83, MHP84, MB84, MT86, VBD88]. **gauges** [Chr84a, Chr84b]. **Gaunt** [Moo84e]. **Gauss** [Rys84, Tak88a, Tak88b]. **Gauss-integration** [Rys84]. **Gaussian** [AAH84, ACR88, HKS83, HKS84, Kol81a, Kol84a, Mat84, Puf83, Puf84, Tau84a, War84]. **Gaussian-type** [HKS83, HKS84]. **Gaussians** [vM84c]. **GEANT3** [Ano87c]. **General** [Fro87, RS80, RS84c, Sil84a, ACD88, And84c, Aue84, Bai86, BSK88, BBC+84, BBL+84, BCVZ89, Bur84, Cha84d, DS84b, DWVH89, DGJ+89, Fro84a, Gra84b, Gup88a, HC83, HC84, HRS81, HRS84, Hib84b, Hib84a, Hib84c, Hib84d, Hib84e, ITR+87, JT84a, Jun81, Jun84, Klo84b, Pro82b, Pro84, ST84b, ST82a, ST84c, Ten84b, WB88, WS84b, vM84b]. **general-purpose** [BCVZ89, DGJ+89, vM84b]. **generalised** [GV87, Rao81]. **Generalization** [WW84b]. **Generalized** [CKW89, FK86b, FR86b, SK86, SG84c, BHSS84, CL84, Das83, DW89, Dob84, FE88, Gel85, KP89, Mor84c, Pic89, SS84b, YpMzCeCg85, Zlo89, Zoh84]. **generate** [CDW82, CW84b, CDW84, JT83, JT84b, Rob84b, Rob84d]. **generated** [BK84a, CCR88, HSV84, HB88, PZCC89]. **Generating** [Gas81, Gas84, ANP+85, BB84c, Ram85, Tau84d]. **Generation** [KS84a, SM84c, Ská81, Ská84, Woo86a, AP80, BF89, BD84d, Bro89, De 88, Di 87, GJ84, Gro89b, Han84a, KKS87, KVW84, LT85, Pis84a, Rap84, SRS85, TBB87, TL82, WP84]. **Generator** [Lab84b, SUZ89, ABM89a, Bro84, CG87, FR86a, FS82, HR83c, HR84d, Jad84, KW84a, Kaw86, KPP81, KPP84a, KPP84b, KCA84, Mar84b, Pis84b, Lab84a]. **genpot** [Ten84b]. **Gentzsch** [And86]. **geodynamic** [Moo83]. **Geomagnetic** [Klu84b, KL84a, Moo84e]. **geometric** [AO88, KK83a]. **Geometrical** [DR85].

geometries [BH85a, HKK84]. **geometry** [Ano87c, Cop84d, Cop84c, Ede84, ELS88, Hub84d, KBMV86, MGD81, MBOK86, Wie86b]. **geophysics** [Har84b]. **GEP** [Bas87d]. **Germany** [Run89]. **GeV** [AGH+88, HR86a, HR86b, RR84]. **GFIT** [Zlo89]. **Gflops** [Ano89x]. **GFSR** [ABM89a]. **giant** [CGB+89]. **Gilat** [Sim80, Sim84]. **Ginzburg** [Kam84]. **GISP** [Rys84]. **given** [Rob84d]. **GKS** [Osl88]. **glass** [BSDM88, FAK82, HDK84, NHK82]. **glasses** [BC88a]. **GLE200** [SGS+89]. **global** [KBMV86, WSV88]. **glow** [Abr88]. **Glowcode** [LNS84]. **glueball** [KMS88]. **GMRES** [Nav89, Wal89]. **Godunov** [ACD88]. **golden** [Le 89]. **GORDAN** [RB84, SM84c]. **Goudsmit** [Vio84]. **Grad** [LWHH82, LWHH84]. **Gradient** [Ano84-85, GLC89, KPP81, OJK89, AKS88a, AKS88b, BMR85b, CKA89, CLL89, EA89, KJ85, Klu84b, KA87, KPP84a, KPP84b, Mat84, Meu89, Sun88, vMF81, vMF84, vM84g]. **gradients** [BLB88]. **grain** [BKD83, BKD84]. **Gram** [O'C84b]. **grand** [BMG+85]. **Graphic** [Art85b, MPS81, TTT84]. **Graphical** [Bas87d, BSK88, Bas88, Car88, FMS87, KS87a]. **Graphics** [Hop85, Rue89, Sch89b, Wil88, CGMS89, CN87, Die88, Gou88, HB88, Joh89, KR81, Mye88, Mye89, Osl88, Sch89a, Sta87a, VM89, Via87]. **graphs** [KKS87, Rap84]. **GRASP** [DGJ+89]. **Grass** [HD89]. **gravitational** [Cla82b, CH84d, Man87a, ML81]. **gray** [Dun87]. **gray-scale** [Dun87]. **Green** [DS83, DS84a, HvRM86, LM85, LB84, MS85, MS87a, MS88, MKS83, MKS84, RBHW84]. **Grenade** [BSA86]. **grid** [AP80, Bas87c, WMN85]. **grid-search** [Bas87c]. **gridding** [Fri88]. **Gridless** [LTK88, AGR88]. **gridpoint** [LT87]. **grids** [AZK83]. **ground** [And84c, BC88a, HDK84]. **ground-state** [And84c]. **Group** [WW84c, EC84, Gau84a, HM84d, KS84a, KS87a, KR88, MG84, NW84, SM84b, SM81a, SM81b, SM84d, SM84e, SM85b, SM85d, SM85e, WW84a, WW84b]. **group-theoretic** [KR88]. **Group-theoretical** [WW84c, WW84a]. **Grouped** [TL89]. **groups** [ADO84a, BK84a, BLR82, BLR84, GS88, MSFR89, Net84, PZCC89, SM81a, SM84d, SM85c, TS84a, Tho87, YP88, YP89]. **Growing** [RL80]. **growth** [AS89, DE84, DEW84, KM84c]. **Gruber** [Man86]. **Grüneisen** [BMS87]. **guaranteed** [Bri86]. **guide** [AD84, CC84]. **guiding** [GTL+86]. **GVSCF** [WB88].

H [Art85b, Eas84b, BS84d, GS89, Joh88, LNB+88, RS83, RS84d, WMCH84, vdM84a]. **H.** [BD81]. **hadrin** [HR86a]. **hadron** [BB84b, HR86a, HR86b, RR84]. **hadron-nucleon** [HR86a]. **hadronic** [ANP+85, BS87, Odo84a, Odo84d]. **hadronization** [BT89]. **hadrons** [KVW84, NAS87b]. **half** [Di 86, PIM82, PIM84a]. **half-integer** [Di 86]. **half-life** [PIM82, PIM84a]. **Halftime** [Ott89]. **HAMILTONIAN** [Ste84b, CH88, DK87c, EEV89, FH88a, GWL89, Hib84b, HM84e, MGTD84, ST82a, ST84c]. **Hamiltonians** [Hay89b]. **handle** [Fun84b]. **handling** [SdAD+88]. **Hankel** [Cam84d, Joh87b]. **hard** [Fin87, Fre87, Gri87, Lad86, Tru88]. **hard-core** [Fre87]. **Hardcover**

[Ano89h, Lis88]. **Hardware**
[ABM89a, BGMM81, Hoe89, LEF+89, Poe85, WH89, Zac81]. **Harmonic**
[Rei87, CgYpXh85, Dob84, FT84b, Mar89c, SG84c]. **harmonics**
[Bra84a, CRL+89, Gas81, Gas84, WwYpCg88, WS82, WS84a, dB82, dB84].
Hartree [Fle81, HKS83, HKS84, Irv82, AAH84, ABH+84, Bat84, CCR84a, CCR84b, Des84a, Fro84a, Fro84b, Fro84c, Fro87, KKLP84, Lab84c]. **HASE**
[MN84b]. **Hauser** [AXG87, SS84b, Smi84b]. **having** [BZ84, Wai87]. **hazards**
[Bro83]. **HBOOK** [Les89]. **HBr** [vdM84a]. **HCl** [SAC87]. **heat**
[GH83, GH84a]. **Heater** [MCJ81]. **heating**
[AHS+86, EP86, MKH86, OCS86, SSF+89]. **heavy**
[Aue84, But84, CJ84, DL87, DP88, EE89, FRS83, FRS84, FKU+84, Irv82, Odo82, Odo84a, Odo84b, Par84, Sta89, TL84, TUWA84, Vaz81, Vaz84].
heavy-ion [Aue84, DL87, EE89, FKU+84, TL84, TUWA84]. **Heermann**
[Fin87]. **Hehl** [Eas89]. **Heidelberg** [Eas84a, Fin87, Man86, MD81]. **Height**
[Deu84d, AK84, Deu84a, Deu84b, Deu84c]. **HEIZ** [GH83, GH84a]. **helical**
[GKM+81]. **helically** [HC86]. **helium** [Kno84, RMV89]. **hemispherical**
[TCS85]. **HEP**
[AW89, BDJ+89, BBC+89, CFG+87, DP89, DL89, Flu89, Hau87, Her89, LGG+87, McC87, Mou87, Mye89, New87, Run89, Sne85, Wie89].
HEPDATA [Wha89]. **HEPVM** [McC87]. **Hera** [GST+81, Var89].
hereditary [FOW87]. **Hermes** [Coo84b]. **Hermite** [Tak88a]. **Hermitian**
[KLS85, Nas84]. **Hevol** [Odo82, Odo84b]. **Hevol2** [San82, San84]. **Hewlett**
[KKLS82]. **hexagonal** [May81, May84]. **Hfater** [MCJ84]. **Hierarchical**
[Her88a, Mur88, HBF+85, OY80]. **Higgs** [Man83b]. **High**
[BCCM87, IKRT89, LK89, Sch81, Sch83, SC84, UI85, Wat89, Wic87, BBE+81, BRTB84, BMR85c, Bar81b, Bar84c, BGS81, BGS83, BGS84c, BGS84a, BGS84b, Ben84b, BI85, BD82, BD84b, BR85, BKD83, BKD84, Boc89, BPSB88, BE89, Bor82, Bor84, Bur87, CR84c, CKV85, Den88, Dob89, Dun87, Gal84, Ger80, Gro89a, HIM84, Hin81, IW87, Ing87, Jac81, JMS+89, Jes82, KAH+89, KP81a, Kaw86, KVW84, KSE86, KGAL88, KKT+88, Lan87, LSW87, LCH+81, MT81, Mon87, Nas87a, Nas89, New89, OLR+87, PFGP82, Poh87a, Poh87b, PS88, Put89, Qua87, RR84, RSS85, Rim81, Rit86, Rob87a, RP89b, RP89a, Run89, SM84a, SN84, SDH84, SRS85, Sun88, Van81b, Ves89, WPVS89, Wha89, Whi89a, Wil81, Wis87, vD87b]. **High-**
[Sch83, IW87, Ing87, Ben84b, BI85]. **high-accuracy** [PS88]. **high-energy**
[BMR85c, Dun87, Gal84, Lan87, PFGP82, RR84, SN84].
high-intensity-laser [Bor82, Bor84]. **high-latitude** [KGAL88]. **high-lying**
[SDH84]. **high-order** [Sun88]. **high-speed** [CKV85]. **higher**
[BB84b, DHN84, FOW87, Ros85]. **higher-order** [DHN84, Ros85]. **highly**
[BMR84, Hof88, Kri89, Ost85, RA82, RA84]. **HIGZ** [Joh89]. **Hilbert**
[GWL89, Lan80, Tau80, Tau84c]. **Hilbert-space** [GWL89]. **Hilger**
[Duc86, Eas82, Lis88]. **Hill** [Taj86]. **Hirota** [Ito88]. **histogram** [BEM84].
histograms [Cha80, vM84f]. **Historical** [You89]. **HOBO** [Cla88]. **Hockney**
[Eas82]. **hold** [Her89]. **Holland** [Bra86, Tru88]. **Holt** [Eas84b].

homogeneous [KS84f, Ugn80]. **homonuclear** [Lad86, SLH84]. **HONDO** [DWVH89]. **horizontal** [Cop84c]. **Horwood** [Jes87]. **hot** [Ber80, FM84, KBMV86]. **hot-plasma** [KBMV86]. **Householder** [BM85b]. **HP** [Jud87, KKLS82]. **HP-1000** [KKLS82]. **HPLAS** [WMCH84]. **HTR** [KK85]. **huge** [BLMU81]. **Hull** [Duc86, AN87]. **human** [BJM89, Nag89]. **hump** [Jam86b]. **Hurwltz** [GV87]. **hybrid** [BT88, CCR88, OSF86, SAVV87, SSF$^+$89, TTAT81, TS84b]. **hydro** [LK88]. **hydrodynamic** [KL84b]. **hydrodynamical** [FM84]. **Hydrodynamics** [Ben88, JN85, MPM85, RSMTV88, Tre88]. **hydrogen** [BBH$^+$84, BW87, CT82, Kar80, Kar84a, LHP87, MLS84, MLo84, Mal84, SG89, Tal84b, VČ88]. **hydrogen-like** [LHP87, MLS84, MLo84, Tal84b]. **Hydrogenic** [Lew84b, FS84b, Jam84, Moo84h]. **hydrostatic** [Moo80, Moo84c]. **Hymnia** [Gru84a]. **Hymniablock** [Gru84b]. **HYMNISBLOCK** [Gru80]. **hypercube** [Sco89]. **hypercubic** [CM85]. **hyperfine** [GH84b, Nai84, Nai86]. **hypergeometric** [Rao81]. **hyperspherical** [CgYpXh85, KPP$^+$89, WwYpCg88]. **hypersurface** [BP84b]. **hypersurfaces** [BMV83, BMV84]. **hypervirial** [VČ88].

IAEA [Kil80]. **IBM** [Bas88, BTS84a, CHS87, Com80b, Ghi87, Gri89, Gro89a, HRR84, Jud87, LBK88, NA84, Suc87]. **IBM-FPS** [Gro89a]. **Ibmol** [OCC84, OCC80]. **Ibmol-7** [OCC84, OCC80]. **ICCG** [KPP81, KPP84b, vdV89]. **ICCG2** [AS83, AS84]. **ICCG3** [And83a, And84a]. **ICL** [AWB82, Del85, JN85, KSG82, Par82, WB82]. **ICL-DAP** [WB82]. **Iconic** [Ves89]. **ICRF** [EP86, IFI84, JBWW86, KM86, PT86]. **ICRH** [KBMV86]. **IDA** [Bur87]. **ideal** [DM86b, FBW82, GPS$^+$81, HW84b, KW84b, Man86, Ods84, TBG80, WH81]. **identical** [BB84c]. **Identification** [Bun86, OVQT$^+$84, Fia84, IA86, KAR81, KAR84b, Ran86, Ran87a, RWZ87, Ran87b]. **identifying** [SCC$^+$88]. **IEEE** [KKLS82]. **IEEE-488** [KKLS82]. **IHEP** [Ezh84]. **II** [AF82, AF84c, BGS83, BGS84a, BDK86b, Bra84d, BGGW$^+$89, DSK84a, Deu84b, Fin82, Fin84a, Han84c, Han84d, HM84d, KKP82, KKP84, KN84b, KPPR84, Lab84b, MLo84, MW84b, MW84c, Nai86, PS84b, Rob84e, RP89b, SS84b, Sil84b, WP84]. **III** [BGS84b, BDK86c, Deu84c, Han84e, Han84f, HM84e, Lab84c, Pia84, Rob84f, SMD84, Wil84c]. **illustrations** [Ano87j]. **ILTHII** [Sal84b]. **ILUBCG2** [CKA89, KA87]. **ILUBCG2-11** [CKA89]. **ILUCG2** [SA83, SA84]. **ILUCG3** [And83b, And84b]. **IMA** [Gri87]. **image** [AWB82, BC88b, Män89]. **images** [Cre80b, Cre84c, MD82, RSP81, RSP84, SCC$^+$88]. **imaginary** [FRS83, FRS84]. **immersed** [FM84]. **Impact** [CSW84, Pou88b, AP82, AP84, GPS84, MMM84, Nob80, Nob84, Pia84, PS84b, ST81, ST84a, LS84]. **impacts** [Wil81]. **impedance** [BCM84a]. **Implementation** [Bas88, BM85b, Com80a, Com84, CGMS89, CM83, CM84e, FBS88, KC81a, KC84b, KN86, NR86a, ABM89a, ABG81b, Car88, DM87, DGO83, DSSS86, FS80, Hel82, Jes85, Joh89, KC81b, KC84a, MD88, MB83, MHP84, MB84, Par89b, Put89, RHM$^+$89, Suf89, WH89, Zie88, DSK84a]. **Implementations**

[Wal89]. **implemented** [CG87, KW84a, MMM85]. **Implementing** [PCM85, Rus86, SG81, Sco89, KS84a]. **implications** [Krá86b]. **implicit** [HL88, She84]. **importance** [KVW84]. **Improved** [BI85, BT89, Cop81, Cop84b, CVvWF86, WW84a, Ber80, BL88, CCS89, Di 86, Fro84c, Joh87b, KRSV82]. **improving** [PIM82, PIM84a]. **impurities** [BSV$^+$85]. **impurity** [SVP86]. **inclination** [Fer89]. **including** [BS83, BS84a, Coo84b, DHN84, FNDL89, JW85]. **Inclusion** [Hib84b, Hib84a, Sax84b, Sax84a, Odo82, Odo84a, Odo84b, Odo84d, San82, San84, Tat80]. **inclusive** [MT84b, MT84a]. **incoherent** [SR84b]. **incomplete** [KPP84a, KPP84b, Oya86, KPP81]. **incompressible** [For89, Kir87, TL89]. **incorporate** [Fun84a]. **incorporating** [ST82a, ST84c]. **increase** [Hub84f]. **incremental** [Nag85]. **indefinite** [Nav89]. **independent** [BT89]. **Index** [EBS88, Ano80b, Ano80c, Ano80t, Ano80u, Ano81a, Ano81b, Ano81c, Ano81d, Ano81u, Ano81y, Ano81v, Ano81w, Ano81x, Ano82d, Ano82e, Ano82f, Ano82-28, Ano82-30, Ano82-29, Ano83b, Ano83c, Ano83d, Ano83p, Ano83q, Ano83r, Ano84c, Ano84d, Ano84e, Ano84f, Ano84i, Ano84-78, Ano84-79, Ano84-80, Ano84-81, Ano84-87, Ano85b, Ano85c, Ano85d, Ano85e, Ano85z, Ano85-27, Ano85-28, Ano86a, Ano86b, Ano86c, Ano86d, Ano86-31, Ano86-32, Ano86-33, Ano86-34, Ano87e, Ano87f, Ano87g, Ano87h, Ano87i, Ano87x, Ano87y, Ano87z, Ano87-27, Ano87-28, Ano88c, Ano88d, Ano88e, Ano88f, Ano88-31, Ano88-32, Ano88-33, Ano88-34, Ano88-36, Ano89b, Ano89c, Ano89d, Ano89e, Ano89f, Ano89g, Ano89y, Ano89-29, Ano89-30, Ano89-31, Ano89-32, BLB88]. **induced** [BLB88, FKU$^+$84, TL84, TUWA84]. **induction** [Klu84b]. **industrial** [Fli89, KB86a]. **industry** [Sto89]. **inelastic** [AGH$^+$88, Arn84b, BKvLSE80, BKvLSE84, Bar83, Bar84e, EM84a, EE89, Fun84a, Han84d, HR86a, HR86b, Hof84a, JT84a, Keg81, Keg84, Nov87, SUZ89, SR84b]. **inequalities** [KS84f]. **inertia** [ADV81, ADV84]. **inertial** [MPM83, MPM84]. **infinite** [Hay89b, Lan80]. **infinite-dimensional** [Lan80]. **Influence** [Reg81, Vie88]. **information** [BHSS84, Chi89, DSK84a, Ebe84, Eck84, HM84d, Rob84f]. **informative** [Mir84]. **infrared** [MW84a, MW84b, MW84c, Wil84a]. **inherent** [Bir85]. **inhomogeneous** [Cap86a, Cha84d, Che89]. **Initial** [ADV81, ADV84, CR84d, DK87a, Odo84a, Odo84d, RD80, RD84]. **initial-value** [CR84d]. **initio** [CC89a, Cio89, OCC84, OCC80]. **injection** [ABD82, ABD84, DST80, DST84a]. **INJLOK** [DST80, DST84a]. **Inner** [Hay83, TS84a, Tho87, KB84]. **inorganic** [Ber84a]. **INPLO** [Die88]. **input** [Sax84a]. **instabilities** [KGAL88]. **instability** [CHL$^+$81, HR81]. **instructions** [Ano80g, Ano82i, Ano86f]. **instrument** [Han84b]. **instrumentation** [HR84b, Ska82]. **integer** [AM84b, AM84e, Di 86, KCA84]. **integers** [Poe85]. **integrable** [GSZ85]. **Integral** [Ano84-85, BD82, BD84b, BTS84a, BTS84b, FS84a, FC84a, Jab84, Kos80, Mor84e, MR84b, OTB80, OTB84, Pro82b, Pro82a, Pro84, Ste84c, Yur84, dB82, dB84, tR85]. **Integrals** [EBS88, MLS84, MLo84, Sch86d, SB82, AT84, AB88, Ben82, Ben84a, BDD84, Com82, DF84, FR86b, Gio84, Gol84b, GRRP83, GRRP84, HC83, HC84,

HBJ84, Hib84b, Hib84a, Hib84d, Hib84e, Lew84b, Mat84, Moo84e, Nes88, NA84, Nob80, Nob84, OS84, Pic89, Pie82, Pie84a, Sch86c, ST84e, Stu88, TT82, TT84, WB84, Yur84, ZDN84]. **Integration** [GPS84, Gli82, HD86, IGB$^+$89, NBI$^+$85, Pia84, AEH87, CR84c, CR87, CM81b, CM84f, DS89, DM88b, Fog82, Fog84, GJ84, Gen82, Gru84d, Kal82, KK88, Luc84, Mor84e, NP84, Phi80, PB84b, RC85, Rys84, Sim80, Sim84, TV86, Vrb89]. **Integrative** [TTT84]. **integrator** [NP84]. **integro** [CSW84]. **integro-differential** [CSW84]. **intelligence** [BE89]. **intensities** [Bla84, Bor82, Bor84, Cop81, Cop84b, FHMR84, FK84, Fer84, Hof84b, Hof84a, Le 89, SP86, TK84, TK80]. **Intensity** [Deu84a, Deu84c, BB84a, BRT84, Bor82, Bor84, EHH88, Fer89, He84a, IL84, Lan84b, MT81, ÖW84, RS84e, RS84f]. **Intensity-correction** [Deu84c]. **Inter** [BDD84, KS84a]. **inter-correlation** [KS84a]. **Inter-electron** [BDD84]. **interact** [Sch89a]. **interacting** [MM88b, Rid84a]. **Interaction** [BH88, BGMP84, BZ84, Cis87, DS83, DS84a, DK87c, FRS83, FRS84, FT84a, FKM$^+$87, GTM87, GH83, GH84a, Gia84, GWL89, HKT85, Hib84c, HFG88, Jam84, Klo84b, KH89, KS86b, LT87, MV83, MV84b, Nai86, Poo83, Ras80b, Ras84b, Rit86, Sax84c, SNC80, SNC84, SUZ89, TTL88]. **interaction-prepared** [GWL89]. **Interactions** [Fin84b, NAS87b, Ter88, AGH$^+$88, Fin80, FS85b, HR86a, HR86b, KGAL88, Laa86, Ste84c, SAC$^+$86, YMWW89, vM84f]. **Interactive** [Mye88, VDM84b, AK84, BGMM81, Ber87c, BE89, Bur87, Die88, MPS81, VM89]. **interchange** [Van89]. **interdisciplinary** [Lid84a]. **interelectronic** [MR84b]. **interface** [ACR88, BH81, BH84a, BJM89, Les89, MS85, MS87a, Nag89, Zal85]. **interference** [FB84]. **interferometer** [He84a]. **interior** [CC84]. **Intermediate** [Cla84]. **internal** [BHM81, CH88, DHN84, DH84a, MPIM86, PR84, Sch83]. **International** [Bra86, Lid84a, Pou88b]. **interpolation** [AAMB84, BKK86, CR87, Cha82, Cha84c, CM84b, CP81, CP84, DU89, Her82a, Her84b, Moo84d, Tor82, Tor84, Wai87]. **interpret** [vM84g, vM84i]. **Interpretation** [Jam80]. **interpreter** [Rom81]. **intersection** [Wie86b]. **interstellar** [BS84d, SG83, SG84b]. **interval** [Sch85c]. **intrinsic** [ABH$^+$84]. **introduce** [OCC80, OCC84]. **Introduction** [Ros84b, Tou89, Eas80, FMS87, Mon88]. **Invariance** [DK87c]. **invariant** [Jab84, Mor84e]. **Invariants** [SM85d]. **inverse** [Das83, Di 87, Gel85, GH83, GH84a, KMS88, MC85]. **Inversion** [FS84a, FC84a, LM81, BD82, BD84b, DeG88, Gae81, Hof84a, LL84, MN88, MNR89, RRG88]. **inverting** [Pro82b, Pro82a, Pro84]. **Investigation** [KPST89, Dec89, FOW87, MLS81]. **investigations** [CMM84]. **involved** [Hei84, MLS84, MLo84]. **involving** [AHVV86, Bas87a, WS80]. **Ion** [CCR88, Aue84, BGS81, BGS84c, But84, DL87, DP88, DM86a, EE89, FRS83, FRS84, FKU$^+$84, FSR84, GS89, IP88, Irv82, KGAL88, KN84c, LH88, MRW84, MM84a, NJ82, NJ84, Sal82, Sal84e, SAVV87, SG89, TL84, TUWA84, TS84b]. **ion-atom** [BGS81, BGS84c]. **ion-ion** [SAVV87]. **ion-molecule** [LH88]. **Ionic** [Ric84, BMS87, Ric82, SF84b]. **ionisation** [Bor82, Bor84, Mag84a].

ionization [Mag81, MF81, MRC85, MC84a]. **ionized** [EK86, WW80]. **IONMIX** [Mac89a]. **ionographic** [OVQT+84]. **ionosphere** [Bla88]. **ions** [AF82, AF84c, Fin82, Fin84a, FS84b, LCW84, LHP87, RS83, RS84d, Sko84, Ste84b, Tal84b, Ter88, Vaz81, Vaz84]. **IPPP** [ENSC86]. **iron** [McN81, McN84]. **irradiated** [Bor84, Keg85]. **irradiation** [Bor82]. **Irreducible** [Wor84b, EC84, Net84, PZCC89]. **irregular** [Bar81a, Cis87, Nes84]. **ISAS** [Nis88]. **ISBN** [Ano89h, Art85a, Eas84a, Eas89, Fin87, Gri87, Jes87, Rob85, Sta87b]. **Iserles** [Gri87]. **ISING** [CMO86, ABM89b, AS89, BC88a, BSDM88, Car89, CGG87, CMM84, CM86, DM89b, HDK84, HD88, NHK82, Wan87]. **islands** [RG86]. **isoelectronic** [Kno84]. **Isometric** [Cho84]. **isospin** [Hub84b]. **issues** [Boc87, Kun89]. **iterated** [Sea84b]. **iteration** [Cam84e, TL89]. **Iterations** [BBR89a, KPP+89]. **Iterative** [BCD+89, DWC+89, You89, BT84a, For89, KRSV82, LP89, SC89, She84, ST82b, ST84f, WMH82]. **iterative-variational** [SC89]. **iteratively** [Tol85]. **IV** [Deu84d, Lab84d, LH88, NW84, SR84a, SDH84, WW84b]. **Ixaru** [Art85a].

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K-L-atomic [AGF87]. **K.d.V.** [vTBF84]. **Kac** [Cha84a]. **Kadomtsev** [MLS81]. **Kalman** [Bil89, Sta89]. **Kalman-like** [Bil89]. **kaon** [Lan84a, Lan82]. **Kármán** [Sch84b]. **KBr** [vdM84a]. **Keller** [Eas84b]. **Kerbel** [Sta87b]. **kernels** [Eri85, LM85]. **Kerr** [ACR88]. **Kerr-like** [ACR88]. **keV** [SMMP86]. **key** [WHD86]. **Killeen** [Eas84b, Sta87b]. **Killingbeck** [Duc86]. **kind** [Köl81b, Köl84b, Kos80, PJ89, tR85]. **Kinematical** [WMC84]. **Kinematics** [Ass84, Bra84c, Bra84b, DM87]. **Kinetic** [BLM+88, Sta87b, AS89]. **kinetics** [Das83, DST84b, HLM+87, Rob80b, Rob84c]. **kink** [Sch83]. **Kirchhoff** [Art85b]. **Klein** [Bar81b, Bar84c]. **Knowledge** [Cam86, Stu85, BCF+89, DG89, Mik86]. **Knowledge-based** [Cam86, Stu85, BCF+89, Mik86]. **Korteweg** [SBFI87]. **Kostomarov** [Sch86a]. **Kotani** [MG84]. **Kramers** [CT84b, Col84b, KN84a]. **Kronig** [CT84b, Col84b, KN84a]. **Kubik** [Pis84b, Pis84a]. **KWIC** [Ano89y].

L [AGF87, Gas81]. **L-harmonics** [Gas81]. **labelling** [MPS84]. **laboratory** [CSMHT88, HR86a, HR86b, KKLS82, THH82]. **ladder** [Sil84b]. **Lagrange** [Cro88, TBB87, Tre88]. **Lagrangian** [Atz86, Fri88, MT81, WHW87]. **Laguerre** [Tak88b]. **LAN** [Gam89]. **Lanczos** [CKW89, GWL89, HW84a, KPP+89, KWPP89, Nex89, NO89, PNO89, Sco89].

Lanczos-like [Sco89]. **Landau** [KS08, Bie83, Bie84, Kam84, KS84d, KS84e, Sch84a]. **Landau-Fluxoids** [Kam84]. **Langdon** [Taj86]. **Langevin** [GS88]. **Language** [PCM85, WHD86, Zal85, BF89, CRV+89, CPL89, LK89, LU83, LU84, WPVS89]. **Languages** [IKM85, Per82, Dow82a, LT85, Rus87, Sch85a, Sch88c, Sch85b, Whi89a, Wil86]. **Lanthanide** [Ste84a]. **Laplace** [MN88]. **Laplacian** [O'C84a]. **Large** [Blo82a, Blo82b, BBC+89, Duc80, FBW82, FS80, GWTM83, Kas82, MR87, Pat82, BWBL88, BMR85b, BLM+88, BDK86c, Boc87, CH87, CGG87, CH84c, GDK89, Hoe86b, KLS85, Man87b, Mas83, MKRJ89, Poe85, Saa89, SN84, Sch87a, SC89, Sch85c, SM89b, TTT87, Tol85]. **Large-scale** [Kas82, MR87, BLM+88, CH84c, SN84]. **largest** [HD86]. **laser** [Atz86, Bor82, Bor84, BLB88, CW84c, CAR84b, DST80, DST84a, DST84b, DH84b, GH83, GH84a, MT81, MCJ81, MCJ84, Rob80b, Rob84c, RS84a, Smi84a, TGA88, TW89b]. **LATEN** [JP84b, JP80]. **Lateral** [Ugn80, MRW84]. **latitude** [KGAL88]. **Lattice** [Ano84-83, BMR85a, KN84c, KN84b, NJ82, NW84, NJ84, Sch87a, Ano87b, Ano89x, AM81, AMC83, AM84d, AMC84, Bai87, BM82a, BM82b, BM82c, BCM83a, BMR84, BM84a, BLR82, BLR84, BKHJ83, BPR+86, BS86b, BCCM87, CM85, CGGK85, CCS89, CMS83, CMS84, CM83, CM84e, DMM84a, DM87, DMM83, DMM84b, EMM81, FAK82, HM81, HM83, HM84a, HM84b, Hoe86a, HM84c, IHS+88, JP80, JP84b, Ken89a, KLS+89, KM85, Mac89b, MMS86, May81, May84, MB83, MHP84, MB84, MT86, NHK82, NFH+88, ÖW84, Oya86, RL80, Sal85, VBD88, WW84a, WW84c]. **lattices** [DM89b]. **Laue** [CA84, Pre84a, Pre84b]. **laws** [Krá86b]. **Lax** [EFES81, Ito85]. **layer** [AP80, RS84e]. **layer-by-layer** [RS84e]. **layered** [Chr84b]. **layering** [Ric86]. **layers** [GS83, Sko84]. **layout** [Ano84i]. **LCGO** [WC84]. **LCGTO** [BT84a]. **LEAD** [Bla84]. **leading** [San82, San84, Vrb89]. **learned** [FP89]. **learning** [Köb89]. **least** [Bok84, CAP86b, Han84f, LM84, O'C84b, RFSG84b, Sha87, WS84b, Woo86b, vM84c]. **least-squares** [CAP86b, RFSG84b, vM84c]. **Leed** [RS84e, Hof84b, Hof84a, RP89b, RP89a, RS84f, SP86, TK84, TK80]. **Legendre** [Bra84a, Del84a, SNC80, SNC84]. **Leiss** [ASM84, ASM80]. **lengths** [JP84a]. **lenses** [Len80]. **LEP** [Odo81, Odo84c, Wil89]. **lepton** [BDK86b]. **leptonic** [LO86]. **letter** [Ram85]. **level** [AFH84, AF84a, AF84b, BCKO89, CDF+89, LK89, MN80, Par89b, RFSG84a, RFSG84b, Vio84, WPVS89, Wil84b]. **levels** [CH87, CH88, DK87b, JT83, JT84b, LHP87, MGN80, MGN84, SDH84, Ten83, Ten84b, Ten84a, Ten86]. **Levenberg** [BP84b]. **LEVI** [Ran87b]. **Levin** [BRB89, Gro89b]. **Li** [LH88]. **liana** [Smi84b]. **libraries** [Her84a, Nev82, Sta87a]. **library** [Ano86n, BJ81a, BJ81b, BJ84a, BJ84b, DD85a, Jac80, Jac85b, Jac85a, LB82a, SFB87]. **Lie** [Ran87a, Sch84c, CT89, DVD87, EFK85, FK86a, Ran86, RWZ87, Ran87b, Sch82b, Sch84b]. **lies** [Woo85]. **life** [PIM82, PIM84a, Tau85]. **lifetime** [KEMP81, KE84b, KEMP84, KE84a, Puf83, Puf84, VDM84b, War84]. **lifetimes** [IL84, MC81, MC84b]. **light** [HE84b, RS84a]. **like** [ACR88, Bil89,

CC89b, IR80, LHP87, MLS84, MLo84, Moo84h, Sch85c, Sco89, Tal84b]. **likelihood** [Jam80]. **limit** [BGMP84, GB87, GKM+81, Jam88]. **limitations** [Kal83]. **limited** [Han84c, Han84e]. **limits** [GPS+81]. **LINDA** [DKA85]. **line** [BS84c, CRH+89, CGM89, CGGK85, CGMS89, DG89, Duf84, GPS84, Kri89, KK84b, Mas81, PF86, PS84b, RF83, RF84, SN84, SdAD+88, Sta87a, Tal82, Tal84a, Van81a]. **Linear** [Bir85, Gou88, HR81, HW84b, AS83, And83b, And83a, AS84, And84b, And84a, AKS88a, AKS88b, AHVV86, CL84, CKA89, EPS81, Ede84, FR82, HVS87, Jes84, Kir87, KS84f, KA87, Kon84, KRSV82, Lan80, MGD81, Man86, MCA87, MGK86, MBOK86, Nav89, Pro82b, Pro82a, Pro84, Rit86, RRG88, RS80, RS84c, SC89, SA83, SA84, SK82, SK84, TC87, WMH82]. **linearization** [SFP86]. **lines** [Ata85, BS84d, CCR88, MMO89]. **link** [GDK89, MRT89]. **link-cell** [MRT89]. **Linkage** [Com80b]. **linked** [WS80]. **links** [BBD+89]. **Liquid** [PI84, AGF87, CLL89, Fre87, GTG81, GTG84, GTM85, GTM87, GTMA88, Isl81, Isl84a, Isl84b, ZR89]. **liquids** [AF82, AF84c, Fin80, Fin82, Fin84a, Fin84b, Laa86, VH87]. **LISP** [BGM87, CT89]. **List** [Ano80e, Ano82x, Ano82y, Ano85u, Ano85v, Ano86-28, Ano88x, Ano88w, Ano88y, Ano88z, Ano89z, Ano80f, Ano88h]. **lists** [KS81, KS84b]. **lithium** [Keg85]. **living** [Phi86]. **Liviu** [Art85a]. **loading** [KL84b]. **Local** [Ger88, HC88, Hel80, Cis87, FH88a, KKLP84, LZ84, OCC80, OCC84, Ste84c, WGM83, WGM84, You87, ZL84]. **localization** [KM86, Sch87b]. **Localized** [BWBL88]. **Locating** [BP84b]. **location** [HAG+89]. **locking** [DST80, DST84a]. **log** [DK87a]. **logarithm** [Köl84c, MC85]. **logic** [DGK+81, Gje81, KK85]. **London** [And86, Ano89h, Fin87]. **long** [FS82, FS85b, MKRJ89]. **loop** [BCM83a, RFS89, Stu88]. **loops** [CMS83, CMS84, ST89b]. **loosely** [Bai87, Gro87, Gro89a]. **Lorentz** [Jab84]. **Lorentz-invariant** [Jab84]. **Lorentzians** [vM84c]. **loss** [AP82, AP84, CJ84, SMMP86, Sko84]. **LOUHI78** [RS80, RS84c]. **Low** [BMS87, Eas88, JHRR87, BGMP84, Bla84, BKR88, Fri88, MRC85, RP89b, RP89a]. **low-dissipation** [BKR88]. **Löwdin** [MV81, MV84a]. **lower** [CCR88, OSF86, SSF+89]. **lower-hybrid** [SSF+89]. **lowest** [BDK86b, BDK86c]. **LPOTp** [PSL88]. **LPOTT** [Lan82, Lan84a]. **LS** [Cla84, Dya86, Rid82, Rid84b]. **LS-coupling** [Rid82, Rid84b]. **LSFBTR** [Tal83, Tal84c]. **LSI** [Ska82]. **LSI-based** [Ska82]. **Ltd** [Duc86]. **LTE** [Hub88, Mac89a]. **LUCIFER** [IW87]. **LUCY** [MD88]. **lumped** [Ver89]. **Lund** [BS87, NAS87b, Sjö82, Sjö83, Ben84b, BI85, Sjö84b, Sjö84a, Sjö86, SB87]. **lying** [SDH84].

M [Eas84b, FV81, Gri87, Nad86a, Sta87b]. **M.Q.D.T.** [RA82, RA84]. **M1** [BF84, HK83, HK84b]. **MAC** [Del87]. **machine** [AS89, Bar81a, BGM87, CKT89, Ost85, Gur85]. **Machines** [Mac89b, Buz85, DD85a, Köb89, LS84, Tem82]. **Mackeown** [Lis88]. **macpar** [Rit86]. **macroassembler** [Tar86]. **macromolecules** [LNV84].

macroparticle [Rit86]. **macroscopic** [Tat80]. **MACSYMA** [Ros85, RW86]. **made** [He84a]. **Madelung** [JP84a, ÖW84]. **magnet** [ABD82, ABD84]. **Magnetic** [CO86, Lee82, Lee84, LB82b, BCFK85, BM84b, BJ81a, BJ84a, CT82, EPS81, Frü81, Gol84a, Hub84e, Hub84f, JBWW86, Kar80, Kar84a, Klu84a, KP84, McN81, McN84, Mik84, MMO89, ML81, Sea84a, vM84e, Nai86]. **Magnetically** [Sta87b]. **magnetisation** [BC88a]. **magneto** [TDS81, TDS84]. **magneto-plasma** [TDS81, TDS84]. **magnetohydrodynamic** [ABG+84, IK81, HH82, HL86, Lao84]. **magnetohydrodynamics** [Goe81, Man86]. **magnetoinductive** [GTL+86]. **magnetosonic** [PPHS86]. **Magnetosphere** [Bla88, KGAL88]. **Magnetosphere-ionosphere** [Bla88]. **magnetotail** [Swi88]. **magnetotelluric** [KS84c]. **mainframe** [Ast87]. **mainframes** [Mee84]. **maintain** [BJ81a, BJ81b, BJ84a, BJ84b, Jac85b, Jac85a]. **maintenance** [CHS87, PS88, Tau84a]. **Making** [BvSW84, HR84b, JHRR87, SDH84]. **man** [Ano89a]. **management** [BBR89b, Eld84, Gau84c, Kun89, LK89, Maz89, MP89, OLR+87, Pla86, QTZ+87, Ros84b, Rus86]. **managing** [Man87b, Nas87a]. **Manchester** [Gur85]. **mandy** [SS84b, SMD84]. **Manipulation** [FK86b, BO80, BEM84, DNR83, DNR84, SMM89, III88, YP89]. **manipulations** [CT89]. **Manual** [DFD81, DFD84, EK84, Pis84b]. **Many** [Rap85, Gir81, Lew84d, MGM87, MBW89, NP84, SMM89, Sil84a, Sil84b, WS80, Wil84c]. **Many-body** [Rap85, MBW89, Sil84a, Sil84b, WS80, Wil84c]. **many-electron** [Lew84d]. **map** [CM88]. **Maple** [Gro89b]. **Mapping** [Wie86b, Goe81, KK83a]. **maps** [CM88, ST84d]. **Marcel** [Art85b]. **March** [And86]. **mark** [BGGW+89]. **Markov** [Kra86a]. **Marquardt** [BP84b]. **Maser** [Le 88]. **mass** [DSSS86, JW85, KL84b, TCS85, Wil81]. **masses** [Jab84, KMS88, WwYpCg88]. **massively** [LTK88, Mat87, Ves89, Gal85]. **master** [Ano84i]. **matching** [BSP84, Hof84b]. **materials** [DS83, DS84a, Han84b, Han84c, Han84e, Rei87, Sta89]. **Mathematical** [Nev82, But89, HHK86, LU83, LU84]. **mathematics** [Ano89a]. **matrices** [BH82, BH84b, BTS84b, BS86b, Cho84, Gad85, Gru80, Gru84b, Han84a, Hen84, KLS85, MG84, Nex80a, OTB80, OTB84, Ruf85, Sar84a, Sar84b, Sar84c, SM89b, SM81b, SM84e, SM85b]. **Matrix** [BH88, DR82, Hod84, ST84c, SFP86, Sho84, AS83, And83b, And83a, AS84, And84b, And84a, AKS88a, AKS88b, Arn84b, BBM82, BBM84, Bas87b, BBC+84, BBL+84, BOT86, Bou87, BC84c, Bra84d, Bru85, Bru86, BW87, CH87, Cha84e, Cla84, Das89, Dav89, DeG88, DK87c, EEV89, FH88a, FS84c, Gel85, Gru84a, HM84e, Jam84, Klo84b, Klo84c, Kol81a, Kol84a, KA87, KM82, KM84b, Lab84a, Lew84d, MP81a, MP84a, Mor84c, Nas84, Nex89, Par84, PT82, PB84b, Pol88, PGB84, RW84, Rob84a, SP87, Sal84c, SS84a, Sax84b, Sax84a, Sax84c, ST84b, SG81, SB82, ST82a, SA83, SA84, Sho81, SMC81, SMC84, Sta84, Sun88, TAK+85b, Ten85, TBB87, Tol86, YP89, Hof84a]. **MATSUP** [Ben82, Ben84a]. **matter** [RR84, SMMP86, Sko84]. **Maxentwdf**

[DL86]. **maximally** [IB87]. **maximum** [DL86, SM82, SM84f]. **Maxwell** [LW84a, MN80]. **Maxwellian** [LW84a, TDS81, TDS84, WL84]. **may** [De 84c]. **MB** [Nog83]. **MC** [PBKW85]. **MCBP** [BGMP84]. **McCoy** [Sta87b]. **McGraw** [Taj86]. **McGraw-Hill** [Taj86]. **MCHF** [FS84d, HFG88]. **MCL** [CPL89]. **McMOLDYNH** [Laa86]. **McMOLDYNH/2O** [Laa86]. **MD** [AB86, BA86, MRT89, PBKW85]. **MDAI** [NP84]. **MDIONS** [AF82, Fin82, Fin84a]. **me** [Lev89]. **means** [Hel80, IKRT89, tR85]. **Measured** [Cha85]. **Measurement** [Per89, FS82]. **measurements** [AGG+82, BCM84a, FR84, Frü81, HR84b, MC81, MC84b, PDNE88]. **Measuring** [MT86, TV86, VKM+82]. **mechanical** [ACC+86, BTS84b, DWC+89, NBI+85, OTB80, OTB84, RSA84]. **mechanics** [And86, Ano82w, CCD85, Lee89, LL84, Duc86, Eas80]. **mechanisms** [ENSC86]. **media** [Che89, Chr84a, Chr84b, KK84b, Sch87b, Ugn80]. **medium** [Car80, ELS88, vM84d]. **medium-scale** [Car80, vM84d]. **Medusa** [CAR84b]. **Meeting** [Kil80]. **Meiko** [BDJ+89]. **Mellin** [MN88]. **memories** [Köb89, Par89a]. **memory** [Dob85, GWTM83, LK89, LS84, Nas89, Ott89]. **meridional** [Cap86a]. **MERLIN** [PCL89, ERLD87]. **MERLIN-2.0** [PCL89]. **mesh** [BSA86, EHL80, EHL84, Luc84, Pis84a, Pis84b]. **meshes** [Wie86b]. **meson** [HR84a]. **metal** [BCFK85, CR84b]. **metals** [DBB84, Isl81, Isl84a, Isl84b, MV83, MV84b, RMV89]. **Metcalf** [Nad86a]. **meteorology** [Nav89]. **Method** [FBS88, FBS89, Rib80, ACD88, ASM80, ASM84, AGR88, ABG+84, AI86, Ata85, AZK83, BM82a, Bar82, Bar84b, Bas87b, Bas87c, BP82a, BP82b, BP84b, BP84a, BD80b, BD81, BD84c, Ber80, BBC+84, BBL+84, BWD84, BL88, BdCP81, BKR88, CL84, CH87, CH88, CR84c, CR87, Col80b, CM84d, CT84b, Col84b, Cro88, DW88, DHD84, DGO83, DU89, DRRvB82, EFES81, EFES83, EA89, FS84a, FV81, Gad80, GR81, Got83, Hay83, Hay89a, HRS81, HRS84, HM81, HM83, HM84a, HM84b, HvRM86, Hof84a, HVS87, HLM+87, IB87, Joh87b, Joh88, KKP82, KPH84, KKP84, KVW84, Kla84, Kon84, KRS83, KK83b, KWPP89, KMS88, KPP81, KPP84a, KPP84b, Lao84, LK88, LNB+88, Len80, LT87, Meu89, Mik80, Moh80, Moh84, Moo84d, MB83, MB84, Nex84, NO89]. **method** [PR87, PPHS86, PT82, PZCC89, Pro82a, RW84, RC85, RRG88, Rud84, RS84e, SAC87, SC89, ST82a, ST84c, She84, Sim80, Sim84, ST82b, ST84f, Sun88, TAK+85b, Tau80, Tau84c, Tel84, Voh88, Wal89, WC84, Zlá80, vTBF84]. **methodically** [Cam85]. **methodologies** [Dow82b, Was85]. **Methods** [Ano81t, Art85a, BCD+89, Buc85, DM86b, Fin87, FBS88, Sta87b, You89, Ano82w, Ano87-29, AHVV86, BKvLSE80, BKvLSE84, BT81, CLL89, Dav89, DGPM85, Dor86, DWC+89, Eas84a, Eas86, Fla82, Fog82, For89, FOW87, GWL89, Goe81, GS83, HW84a, Her88a, Hoa89, Ixa80, IR85, JL84, Key89, Lan80, LP89, Lis84, Man86, Man83a, Man87a, Mar89a, MPR80, MP82, MRT89, Mur88, Nex80a, Oya86, RFS89, RC87, RL80, Sch85c, Sch84d, Suf89, TTW84a, Tem82, WMN85, ZNO88, vD87b, vdV89]. **metrological** [PS88]. **Metropolis** [KN86]. **metropolitan** [BCC+89]. **MeV** [RR84]. **MF** [MPM85]. **MF-FIRE** [MPM85]. **MFFT** [NR86b]. **MFFT4** [NRS88]. **MFP**

[PM80, PM84a]. **MHD** [BLM+88, BHM81, CR84a, DM86b, Eas88, Ede84, GPS+81, HW84b, KJ84, KW84b, Kir87, LCH+81, MGD81, MTN+82, MN84b, MBOK86, Pou88a, RG86, SS81, SW80a, Sch84d, Str81, Syk81, TTAT81, TAK+85b, TBG80, TTM+80, TT89, TW81, Uga88, WH81, WBG84]. **MHD-calculations** [SW80a]. **Micro** [DSK83, DSK84b]. **Micro/mini** [DSK83, DSK84b]. **microcanonical** [CM83, CM84e, HD88]. **Microcomputer** [AN88, FV82, Gli82, Hal88, KS81, KS84b, WML+82, Duc86]. **Microcomputers** [Ano88-27, CG87, Dow82a, Dow82b, Ger88, MGM87]. **Microprocessor** [Dag82, Her88b, Ska82, BvEF85, Rom81, VKM+82]. **Microprocessor-** [Ska82]. **Microprocessors** [PS88, Wil86]. **microprogrammable** [Jac81, Jac82]. **microprogrammed** [BGMM81]. **Microscopic** [EE89, FKU+84, Fun84a, vM84f]. **Mida** [MS87b]. **migrating** [WD84]. **migration** [KSG82]. **Milano** [BLMU81]. **mild** [NF83, NF84]. **millimeter** [Smi84a]. **MIMD** [ACSB85, Buz85, Hey89, JM82, RS85]. **Mincer** [GLST89]. **mini** [DSK83, DSK84b, KKLS82]. **Minicomputer** [KAR81, KAR84b]. **minicomputers** [BBE+81, FS80, HBJ84]. **minima** [BP84b]. **minimal** [Cio89]. **minimalisation** [LM81]. **minimization** [Buc83, Buc84, ERLD87, JR84, Tro84]. **minimum** [Jam80]. **MINUIT** [Les89, DCC84]. **Minut** [JR84]. **Mirin** [Sta87b]. **mirror** [CO86, JBWW86]. **mirrors** [PT86]. **MISHA** [Rys87]. **missing** [TS89]. **mission** [Vie88]. **missions** [Wen88]. **mixed** [BF84, MP81a, MP84a, RSL+84]. **MIXERG** [PM83, PM84b]. **mixing** [HK83, HK84b, KF84, MRCL84]. **mixture** [PSBG84, Zlo84d]. **mixtures** [Tho84]. **mode** [FH88a, HC88, Han84a, KT81, KLGT85, Mir84, MPIM86, Sch83]. **Model** [DV85, FJ89, AFH84, AF84a, AF84b, AXG87, AS89, Aue84, BTWN87, Bet84, BJM89, BCCM87, Car89, Cha84b, CHMM84, Coo84b, CMM84, CM86, CMO86, DTE84, DM89b, ETH84, FP89, FH88a, Gib85, GE88, GA84, Har81, Har84a, HD88, HMS84, Hof84a, HGW86, HMTO84, HT84, Hub88, Kas84, KBMV86, KN84c, KN84b, LJN85, MMBW88, Man83b, Nic89, NJ82, NW84, NJ84, Odo84d, Ods80, PIM80, PIM84b, PI84, Ric82, Ric84, RMV89, Sal83b, Sal84f, Sal85, ST82a, ST84c, SK86, Smi84a, Vaj82, Vaz81, Vaz84, Wan87, WGM83, WGM84, WW84b, Zwa85, SBB+89]. **Modeling** [Abr88, Suc87, Wie86a, vD87a]. **Modelling** [Put89, ASS82, BT89, Bra87a, JB80, KS84c, Rob84d, Rob84e, Rob84f, Ros84a, SAVV87, Tha89, VM89]. **Models** [Dic82, Sta87b, AEH87, ADV81, ADV84, BPR+86, CGG87, Fre87, HDK84, HA82, HA84b, Klu84b, LW84b, MGD81, McI84, Par89a, SS89, SAC+86, Vir89, vMF81, vMF84]. **Modern** [Was85, Zac81, Sch85b]. **modes** [BLM+88, EPS81, Han84d, Wor84a]. **Modification** [Cop84d, Cop84c, Bar84d, BP84b, HM83, HM84a]. **modifications** [GH83, GH84a]. **Modified** [TB87, BMR85b, Bra84a, O'C84b, SSS84, SBFI87, Tho87, Tho04a]. **Modula** [Nie88, Pyl85]. **Modula-2** [Nie88]. **modular** [Ska82, Zal85]. **modulation** [Ber84b]. **module** [BCF+89, LW85]. **Moions** [AF84c]. **Moldauer** [SS84b].

Molecular [CC89b, FR81, Fra83b, Fra84a, GG89, ZR89, Ano81t, BWBL88, BKvLSE80, BKvLSE84, Ber87a, Bin87, BR85, BL86, CB88, CLL89, DWVH89, Fin80, Fin84b, Fin86, GPS84, Gel85, GDK89, Gup88b, HSV84, HVS87, HT84, HS84, HSB$^+$84, Jam87, JL84, Kas82, Mor80, Mor84d, MKRJ89, Pia84, PS84b, RFS89, RMV89, Ryn82, Ryn84, SS89, SNC80, SNC84, Sch89c, Ská81, Ská84, TBB87, VSH83, Wor84a]. **molecule** [DK87a, DK87b, FT84a, Gia84, LH88, MLL86, Nai84, Nai86, Ras80b, Ras84b, SP87, SNC80, SNC84]. **Molecules** [Fin84b, BB84a, BOT86, Bou87, Fin80, Gup88b, HC88, Han84a, Han84f, Han84d, HVS87, JT83, JT84a, JT84b, Lad86, LBY86, MBW89, Nog83, Ogi83, Ogi84, OCC80, OCC84, Ras80a, Ras84a, Sal84c, ST81, ST84a, Sch88a, Sea84a, SLH84, Sil84a, Sil84b, Sin84, SMT88, TT82, TT84, Ten86, TC87, TM89, WS80, Wil84c]. **Molforce** [Gel85]. **Molsimil** [CC89b]. **Molsimil-88** [CC89b]. **MOMCON** [HL86]. **moment** [ADV81, ADV84, LWHH82, LWHH84, Lao84, Lee89]. **momenta** [SS84b, TTW84b]. **moments** [CDN$^+$87, DK87c, Gae81, MN88, MNR89, SS89]. **momentum** [Bra87a, CW80, CDW82, CW84a, CDW84, ET84, Gra84b, Gra84c, HKT85, Hib84b, Hib84a, Hib84d, Hib84e, Hub84a, Jab84, Lan82, Lan84a, LW84b, LT87, PSL88, Rao81, RV84, RRC89, Sal82, Sal84e, TTW84a, Tak85a, Tam84, VVM84]. **momentum-space** [Jab84]. **Monitoring** [Ste87]. **monochromator** [BPSB88]. **monoconfigurational** [CC89a]. **monoenergetic** [Lan84b]. **monoxide** [ZR89]. **Monte** [Ben84b, BI85, Sjö84b, Sjö84a, Sjö86, SB87, AS89, ANP$^+$85, AM81, AMC83, AM84d, AMC84, BM82a, BM82b, BM82c, BMR84, BM84a, BS87, BKJ83, BKJ84, BDK86a, BDK86b, BDK86c, BLR82, BLR84, CMR86, CFG$^+$88, CM85, CGGK85, Cha85, CGG87, Chr84b, CMS83, CMS84, Cop81, Cop84a, Cop84d, Cop84c, Cop84b, CVvWF86, CGB$^+$89, CM83, CM84e, DMM84a, DLB83, DLB84, Dec89, Del85, DM87, DMM83, DMM84b, DKA85, DS84b, DD86, EMM81, EA83, EA84, Fer89, FS85b, GTM87, GHO$^+$89, Gup88a, HR84a, HR86a, HR86b, HP83, HP84, HMTO84, IW87, Ing87, Jad84, JW85, Kas84, Kaw86, KVW84, KSE86, LM81, Lux80, MMS87, Mar89a, Mar89b, Miu87, MGM87, MB83, MB84, MT86, Mor84e, NFH$^+$88, NAS87b, Odo81, Odo82, Odo84a, Odo84b, Odo84c, Odo84d]. **Monte** [RR84, RSS85, RL80, Rit84a, Rit84b, RS83, RS84d, Ryn82, Ryn84, SMMP86, Sal85, San82, San84, Sjö82, Sjö83, Tat80, TKS$^+$85, Tou89, VH87, Voh88, Vrb89, Wan87, YMWW89, ZHR81]. **Monte-Carlo** [AMC84, HP84]. **Morang** [DRD88]. **morphology** [DRD88]. **Morse** [PB84a]. **Moshinsky** [LJ84, YpMzCeCg85]. **Mössbauer** [BPA84, CT84a, Gro84, MGTD84, Ste84d, Ver83, Ver84a, WS84b]. **motion** [AB86, BPW84a, BPW84b, BPW84c, BMBW85, GTL$^+$86, Gio84, WDM84]. **Motorola** [BvEF85]. **moveout** [SM89a]. **movie** [JHRR87]. **movies** [HB88]. **moving** [BH81, BH84a]. **MP** [KM85, NR86a, RS85]. **MPS** [SEF$^+$89]. **MRVAC** [Rud84]. **MS** [Klo84a]. **MS-X** [Klo84a]. **MSXALPHA** [Klo82]. **Multi** [Cla82a, CGG87, Fro84a, Fro84b, Fro84c, Gib85, GHO$^+$89, KK88,

PB84b, ZHR81, RSMTV88, TGA88]. **multi-configuration** [Fro84a, Fro84b, Fro84c]. **multi-dimensional** [KK88]. **multi-particle** [PB84b]. **Multi-point** [Cla82a]. **multi-spin** [CGG87]. **multi-spin-coding** [ZHR81]. **multi-tasking** [Gib85]. **multi-transputer** [GHO+89]. **multichannel** [BB86, FJ89]. **multiconfiguration** [Des84b, MGN80, MGN84]. **multiconfigurational** [GMN+80, GMN+84, Lab84c]. **Multidimensional** [BKK86, BT88, DR85, NP84, NR86a, ERLD87, Fog82, JSB82, NKS88, Phi80, Vis84a, Vis84b, ZDN84]. **multifrequency** [MPM85]. **multigrid** [Dec89, Par89b]. **Multigroup** [WMCH84, RSMTV88]. **multilayer** [TGA88]. **Multilevel** [FBS88, FBS89]. **Multiloop** [ST89b, GLST89]. **Multimicroprocessor** [PFGP82]. **Multiparabolic** [MCA87]. **Multiparameter** [BT84a, Ska82]. **multiparticle** [DV85, KSE86, Sau85]. **multiperipheral** [BDK86a]. **multiphase** [TF89]. **Multiphonon** [Rei85]. **multiphoton** [BSdlT87]. **multiple** [AP89, CD86, Cop81, Cop84a, Cop84d, Cop84c, Cop84b, CVvWF86, CH84d, Gen82, LO86, RFS89]. **multiplication** [Ber87b, Cli82]. **multiplicity** [ADO83, ADO84a, ADO84b, BK84b, KB84, TS84a, Tho87]. **multiplier** [Wor84b]. **multipolarities** [RSL+84]. **multipole** [AGR88, Arn84b, Com82, SS89, Tol86]. **Multiprocessing** [ABG81b, MSC+88]. **Multiprocessor** [Her82b, BAA+87, CSMHT88, GAA+87, HBF+85, Sli89, SdAD+88]. **Multiprocessors** [Poh87b]. **MULTIQUARK** [Wro82, Wro84]. **multispecies** [MMK81, MMK84, MMTK88]. **multispin** [Wan87]. **Multistate** [GPS84, Pia84, PS84b]. **multistep** [JL84]. **multitasking** [AHKM86, Cha85, KM85]. **Multivariate** [O'C84b, FMS87]. **muon** [Rin84]. **Muonic** [AV84, Rin84]. **muonic-atom** [Rin84]. **Murnaghan** [EC84]. **Muxworthy** [Rob85].

N [Rob80b, Sch86a, Her88a, Rob84c, SM82, SM84f]. **N-body** [Her88a]. **N.F.E** [Isl84b]. **NA-11** [DGK+81]. **NAG** [Bas88]. **namelist** [Day81, Day84a]. **nanosecond** [RS84a]. **national** [Bra87b, Ebe84, Lid84b, Pou88b]. **natural** [LU83, LU84]. **Navier** [Gaj85, KP89]. **NBCS** [MV87]. **near** [DPH82, DPH84, VSP86]. **near-edge** [DPH82, DPH84, VSP86]. **Nearly** [Mar84a, Kal83]. **necessary** [Han84c, Kas82]. **need** [Jam86a, Jes86]. **Néel** [Hub84e, Hub84f]. **Negative** [BS84b, BS80, NT84]. **neighbors** [Voh88]. **net** [DL89]. **Network** [Per87, BCC+89, BCF+89, CH84c, Cot87, Ghi87, Gre88, Run89]. **Networking** [KAH+89, Str87, CFG+87, Flu89, Hut89, Mon87]. **Networks** [Ger88, New89, CHS+89, Den88, Köb89, Par89a, Pou88b, Rue89]. **Neumann** [MP81a, MP84a]. **Neural** [CHS+89, Den88, Köb89, Par89a, TV89, WH89, DL89]. **neutral** [HP83, HP84]. **neutrino** [AI86]. **Neutron** [Ver89, Cha85, CSC+86, Cop81, Cop84a, Cop84d, Cop84c, Cop84b, CVvWF86, Del85, FHMR84, Fun84a,

Fun84b, Han84b, Han84d, Keg81, Keg84, Moh89, SR84b]. **neutrons** [BSA86, Keg85]. **Newman** [Lis88]. **Newton** [Her82a, Her84b, Lan80, Sch85c]. **Newton-like** [Sch85c]. **next** [San82, San84]. **Nicer** [BN81]. **NIEM** [HRS81, HRS84]. **nil** [Ran86, Ran87a]. **Nilsson** [BF84, Hir84, MVV83, MVV84]. **nitrogen** [Wie86a]. **NJGRAF** [BSK88]. **NJSYM** [BSK88, SH82, SH84]. **NMR** [AP89, Gal81, WDM84, vMT84, vM84h]. **no** [Bor89, PV84, Ran87a]. **no-recoil** [PV84]. **noble** [PM80, PM84a]. **nodes** [Ghi87]. **Noise** [Kal83, WSV88]. **noise-containing** [WSV88]. **noisy** [Bro83, Pro82b, Pro84]. **Non** [BMV83, BMV84, Fla82, HFG88, SS84d, BZ84, BvSW84, DWC$^+$89, EPS81, Ede84, FR82, FH88a, Han84b, Han84c, Han84e, Hay89a, HP83, HP84, Hub88, JSB82, KW84b, KLS85, Kir87, KK83b, KR88, Lab84a, Mac89a, OY80, Puf83, Puf84, Rap81a, ST84e, ST82b, ST84f, Ugn80, Wai87, War84, WW80, WB84, Zlo81, Zlo84c]. **non-Abelian** [KR88]. **Non-adiabatic** [BMV83, BMV84]. **non-chemist** [BvSW84]. **non-circular** [HP83, HP84]. **non-compact** [Rap81a]. **non-crystalline** [Han84b, Han84c, Han84e]. **non-exchange** [ST84e]. **non-Gaussian** [Puf83, Puf84, War84]. **non-Hermitian** [KLS85]. **non-hierarchical** [OY80]. **non-homogeneous** [Ugn80]. **non-ideal** [KW84b]. **non-iterative** [ST82b, ST84f]. **non-linear** [EPS81, Ede84, FR82, Kir87]. **non-local** [FH88a]. **non-LTE** [Hub88, Mac89a]. **Non-numerical** [Fla82]. **Non-orthogonal** [HFG88]. **non-orthogonality** [Hay89a]. **non-parametric** [JSB82]. **non-periodic** [KK83b]. **Non-relativistic** [SS84d, BZ84, Lab84a, WB84]. **non-sparse** [DWC$^+$89]. **non-stationary** [WW80, Zlo81, Zlo84c]. **non-uniformly** [Wai87]. **nonequilibrium** [Lee89]. **nonhyperbolicity** [TF89]. **nonideal** [CHL$^+$81]. **Nonlinear** [Pet84, RW84, Ter88, ACR88, BVL84, BBR89a, FBW82, GSZ85, HR81, HW84b, Ito86, LM84, Mar89a, MMF81, MMK81, MMK84, MMTK88, RWK$^+$85, RS80, RS84c, Sch88a, Sch85c, Sha87, Syk81, TF89]. **nonlinearity** [ACR88]. **nonlocal** [Fie80, Fie81, Fie84, LM85, MZZ89]. **nonparametric** [Chi89]. **nonproblem** [TF89]. **nonrelativistic** [BRTB84, BRT84, ZL84]. **nonspherical** [Gup88b]. **Nonsymmetric** [CKW89, OJK89, BMK89, CKA89, Saa89]. **Nonuniform** [AP80]. **Normal** [De 84a, KLGT85, Han84a, Han84d]. **normalised** [PB84a]. **normalization** [Han84b]. **North** [Bra86, Tru88]. **North-Holland** [Bra86, Tru88]. **notation** [FS84c, Lab84a, Sax84c]. **note** [Ano86-35, Ano88i]. **Notes** [And86]. **Notice** [Ano80r, Ano83o, Ano84-66, Ano80m, Ano80n, Ano80o, Ano80p, Ano80q, Ano81o, Ano81p, Ano81q, Ano81r, Ano81s, Ano82t, Ano82u, Ano82v, Ano83k, Ano83l, Ano83m, Ano83n, Ano84x, Ano84-30, Ano84-31, Ano84-32, Ano84-33, Ano84-34, Ano84-35, Ano84-36, Ano84-37, Ano84-38, Ano84-39, Ano84-40, Ano84-41, Ano84-42, Ano84-43, Ano84-44, Ano84-45, Ano84-46, Ano84-47, Ano84-48, Ano84-49, Ano84-50, Ano84-51, Ano84-52, Ano84y, Ano84z, Ano84-27, Ano84-28, Ano84-29, Ano84-53, Ano84-54, Ano84-55, Ano84-56, Ano84-57, Ano84-58, Ano84-59, Ano84-60, Ano84-61, Ano84-62, Ano84-63,

Ano84-64, Ano84-65, Ano84-67, Ano84-68, Ano84-69, Ano84-70, Ano84-71, Ano85o, Ano85p, Ano85q, Ano85r, Ano85s, Ano85t, Ano86u, Ano86v, Ano86w, Ano86x, Ano86y, Ano86z, Ano86-27, Ano87u, Ano87v, Ano87w, Ano88u, Ano89t, Ano89u, Ano89v]. **notice** [Ano89w, Ran87a]. **notices** [Ano84-72, Ano84-73, Ano84-74, Ano84-75]. **nozzle** [FCW84, NF83, NF84]. **NSF** [Bra87b]. **NSPCG** [OJK89]. **NUCADA** [HA83, HA84a]. **Nuclear** [Hla80, Hla84, LCS84, Sko84, Smi84c, Smi84d, Smi84e, AAH84, ABH+84, AGG+82, Arn84b, BTWN87, BT81, Bas87a, Bet84, CDN+87, DG84, Das83, DTE84, DKA85, ETH84, FR86a, FB84, FNDL89, Gad80, GDH+89, Gir81, Har81, Har84a, Hei84, HA82, HA83, HA84b, HA84a, HMS84, Her84a, HLM+87, KK85, Lea87, LW84b, MMBW88, MVV83, MVV84, MV87, Mir84, MC81, MC84b, OVQT+84, Rim81, RD80, RD84, Sei84, SS84b, SMD84, SR84a, SDH84, Smi84b, TUB83, TUB84, TCR84, TL84, TUWA84, Tep84, Ver84b, WC85, WMC84]. **nucleation** [KM84c]. **nuclei** [BF84, Cat89, EM84a, EM84b, Hen84, HR87, Hod84, HK81, HK83, HK84a, HK84b, Kac84, KM82, KM84b, Lan82, Lan84a, Nai86, NAS87b, PSL88, PIM80, PIM84b, PI84, RSL+84, Szy81]. **Nucleon** [PSL88, DHD84, FRS83, FRS84, FKU+84, HR86a, LR84a, LR84b, SDH84, Tak85a]. **nucleon-nucleon** [FRS83, FRS84]. **nucleons** [Hub84a, MZZ89]. **nucleus** [AGH+88, Fun84a, Fun84b, GDH+89, GE88, HR86b, HMS84, SM84a, SUZ89, TW89a, ZNO88]. **nucleus-nucleus** [AGH+88, GDH+89, SUZ89]. **nuclide** [KAR81, KAR84b]. **nuclides** [AGF87]. **nucore** [HA84a, HA82, HA84b, HA83]. **NUCPAR** [MV87]. **nucrin** [HR86b]. **NUDENS** [MVV83, MVV84]. **Nullijn** [De 84c]. **Number** [SM82, SM84f, SM85e, ABM89a, Aur84a, Aur84b, Bro84, Bro89, CG87, EA83, EA84, Fem84, Fog82, GDK89, KW84a, MRC85, MKRJ89, OY80, RFSG84b, Rob84e, SRS85]. **numbers** [Di 87, KS81, KS84b, Rib80, Sch84a]. **Numerical** [ABG+81a, Arn84a, Bel84a, BMG+85, CT84b, Col84b, Dec89, DS89, Dic82, Dor86, GJ84, Gae81, Gen82, Gri87, HH82, HC86, HKK84, IFI84, Jam87, KL84a, KP84, Len80, MLS81, MN88, MNR89, Moo84e, Net84, OSF86, PPHS86, Pic89, Pou88a, Rob84d, Rob84e, Rob84f, RG80, RG84, Saa89, SAVV87, SBM+86, And86, Ano82w, CR84a, CR84c, CR87, Col88, CM81b, CH84d, CM84f, DG89, DGPM85, DM86b, DRRvB82, Fie80, Fla82, Fog82, Fog84, FS84d, GV87, GS88, Gib85, Gir81, Gro89b, GPS+81, GRRP83, GRRP84, HKT85, IR80, Ixa80, IR85, Jak84, Kal82, Lab84d, Luc84, LU83, LU84, Man83b, McN81, McN84, Mic87, MMR89, New86, Ost85, Phi80, PT86, PB84b, RW84, Rap81b, RC85, RC87, Rob84b, SFB87, SSF+89, SZ84, Tau80, Tau84c]. **numerical** [TTT87, TV86, Wai87, WH81, WH85, YP86, ZDN84, vTBF84, Art85a, Sch86a]. **Numerov** [BP82a, BP82b, BP84a, DW88, IR80]. **Numerov-like** [IR80].

O [Joh88, LNB+88, LH88]. **Obituary** [Ano85w]. **Object** [Mar85, Ric86]. **object-oriented** [Ric86]. **objects** [BB84c]. **observable** [Bar83, Bar84e]. **observables** [CGGK85, MT84a]. **observation** [Ugn80]. **observations** [BBH+88, He84a, KJRS88, KGAL88, MV88, O'C84a]. **observed** [Han84f].

obtain [Ben82, Ben84a, Han84b, Han84f, WH81]. **obtained** [TV86]. **obtaining** [HL86, Rib80]. **Occam** [HBM89]. **Octahedron** [NHK82]. **odd** [BF84, HK81, HK83, HK84b, Kac84, MR84b, HK84a]. **odd-** [Kac84]. **odd-odd** [HK81, HK83, HK84b, HK84a]. **ODE** [DM88b, PP82]. **Odepainleve** [RW86]. **ODRIC** [MBOK86]. **off** [CGM89, GMR84b]. **off-diagonal** [GMR84b]. **off-line** [CGM89]. **offline** [CHS87, Hoe89]. **OLYDES** [Car80]. **Olympus** [HRL84, HRR84, HR84e, Car80, HR83a, HR83b, HR83c, CR84d, HR84c, HR84d]. **on-line** [CGMS89, Kri89, Mas81, PF86, SN84, SdAD$^+$88, Sta87a, Van81a]. **on-resonance** [SDH84]. **One** [Has84, LB82b, YP86, ABG$^+$84, AK84, BL88, CR84c, Cha84e, CRPL81, CRL84, CRPL84, CAR84b, De 84c, DHD84, DP84, GJ84, Hib84b, HWL89, HLM$^+$87, Klo84c, Lew84d, LNS84, MMS87, MS84, MBOK86, Phi80, PGB84, RSMTV88, RC85, Rob84a, Sal84c, SPM$^+$88, Stu88, Wie85, WB84, Yur84]. **one-and-a-quarter-dimensional** [HWL89]. **one-center** [Yur84]. **One-dimensional** [Has84, LB82b, YP86, ABG$^+$84, AK84, BL88, CR84c, CRPL81, CRL84, CRPL84, CAR84b, GJ84, LNS84, MMS87, MBOK86, Phi80, RSMTV88, RC85, SPM$^+$88, Wie85]. **one-electron** [Hib84b, Lew84d, MS84, Sal84c, WB84]. **one-loop** [Stu88]. **one-particle** [Cha84e, Klo84c, PGB84, Rob84a]. **Online** [ABLB$^+$89, QAD$^+$89, WV89]. **only** [Hei84, O'C84a]. **opacity** [LLA$^+$89, PM83, PM84b]. **opal** [Ano87c, O'N89]. **open** [BDD84, CC89a, Ols83, Ols84, Ras80a, Ras84a]. **operating** [CHS87, MM88a, Per87]. **operation** [Ano81f, Ste84d]. **Operations** [Ito88]. **operative** [PS88]. **Operator** [Ito88, Bos83, Bos84, KMS88, Rap81a]. **operators** [Bru85, Bru86, CW80, CDW82, CW84a, Cha84e, CW84b, CDW84, FOW87, Lew84d, MPS84, PGB84, Rob84a]. **optic** [BCC$^+$89]. **Optical** [Lan87, All84b, Aue84, Coo84b, DTE84, ETH84, ET84, FRS83, FRS84, GE88, Has84, LZ84, PM80, PM84a, RHM$^+$89, TTW84a, TVD87, VPB82, VPB84, ZL84]. **optically** [KK84b, Tal82, Tal84a]. **optimal** [CC84, Ste84b]. **optime** [EK84]. **Optimisation** [LB82b, DD85b]. **Optimising** [Jes85]. **Optimization** [CPL89, Bas87c, HHK86]. **optimized** [Ano87b, BMR84, BA86, CRS87, Sch89c, ST84b, STN89, Tal89]. **Optimizing** [Dic82]. **optimum** [Gad85]. **orbit** [He84a, Klo84b, MV83, MV84b, PP85, Sax84c, Tro84]. **orbital** [FSP87, HE84b, HKS83, HKS84, Rob84b]. **orbitals** [AT84, Bat84, BZ84, HFG88, Lab84c, Lab84d, Mat84, MSFR89, ST84e, TBB87]. **orbits** [CM88, Hir84]. **order** [AM84b, AM84e, BB84b, BBM82, BBM84, Bar81a, BDK86b, BDK86c, BP84c, Bru85, Bru86, Cam81, Cam84c, Cam84a, Cam84b, CR84c, Cha84d, Cla82a, Col80a, Col80b, Col84a, DM88b, DHN84, DO84, FOW87, Lew84c, MBW89, Moo80, Moo84c, Mor84c, Nog83, Ros85, San82, San84, Sil84b, Sun88, TB85, TB87, Tho04a, Tho04b, Vaj82, Wai87, WS80, Wil84c]. **ordered** [CM88, KS81, KS84b, MZM$^+$82, MZM$^+$84]. **Ordering** [EA89]. **Ordinary**

[RW86, Sch82b, Sch86d, Bra84a, Sch84c]. **ordinates** [Wie85]. **organisation** [Rea89]. **organization** [CHS87, Sil84a]. **organized** [WH89]. **organizing** [Ano84-86]. **orientation** [CLL89]. **orientations** [Pre84a]. **oriented** [CPL89, CSMHT88, DSM+81, DSM+84, Gal81, Mar85, Ric86, Sko89, Zlo84d]. **origins** [FH88b]. **Orszag** [Eas84b]. **ORT1** [GJ84]. **ORT1-** [GJ84]. **Orthogonal** [DW89, Eas87a, Har89, Hel80, HFG88, Öpi87]. **orthogonalisation** [TBB87]. **orthogonality** [Hay89a]. **Orthogonalization** [Dav81, Dav84]. **orthonormal** [BG81, GJ84, RVD+81]. **orthonormalization** [YP89]. **ORTHOVEC** [Eas87a]. **ORTOCARTAN** [KP81b]. **oscillations** [Mik84, OS86]. **Oscillator** [FS84d, Sar87, Dob84, FT84b, God84, Hib84c, SG84c]. **OSF** [WBV+89]. **other** [FBS88, GST+81, LCS84]. **outer** [BK84b, Eğe82, Ege84]. **output** [CDF+89]. **overlaid** [Wie86b]. **overlap** [BGMM81, DF84, GRRP83, GRRP84]. **overlapping** [vM84c]. **Overview** [Flu89, Mou89, OJK89, You89, Gue89, TV89, vD87a]. **Oxford** [Bra86, Gri87, Nad86a, Ano89-27, Boc89].

P [BD81, Duc86, Jes87, Lis88, Sch86a, Nad86a, CM84a, MKRJ89]. **P-Tau** [CM84a]. **P-X** [CM84a]. **P.** [MN84a]. **P3M3DP** [EHL80, EHL84]. **P3M3DP-The** [EHL80, EHL84]. **PAC** [Cat89]. **pack** [Rys84]. **Package** [BH88, OJK89, RW86, Sch82b, Sch86d, AI88, AMB84, ABMT84, Ano87c, BKD83, BKD84, CRS87, Cam84f, Car84a, CM88, CH84b, CR84d, CSBB82, CSBB84, DNR83, DNR84, DM89a, GJ84, GMN+80, GMN+84, Gru84a, HB85, HRL84, HRR84, IA80, IA84, KK88, KS84c, KS84e, KS08, KS84g, KS84h, KM82, KM84b, Laa86, Mag84a, MGMZ84, MMK81, MMK84, MMTK88, NR86b, PDF82, PDF84, PT85, Sch84c, Sci89, SW80b, SW84, TTT84, WC84, Wie86a, Yur84, vdB84]. **packages** [FM85, SH82, SH84]. **Packard** [KKLS82]. **packed** [VVM84]. **packet** [Has84]. **padé** [Sta84]. **Pages** [Eas89, Ano89h, Art85a, Art85b, Bra86, Eas80, Eas82, Eas84a, Fin87, Lis88, Man86, Rob85, Sch86a, Taj86]. **Painlevé** [Hla86, RW86]. **Pair** [Ito85, Han84c, Han84e, Pol88]. **pairs** [Män89]. **PAN** [Whi89b]. **PAN-DA** [Whi89b]. **Panel** [WBV+89]. **paperback** [Lis88]. **papers** [Ano84b, Ano84-87]. **parabolic** [PPHS86]. **Parallel** [AHKM86, BPR+86, Bra86, CSC89, CKT89, DFOP89, Dit89, FR82, FBS88, Gal85, Hub89, McC89, MGM87, PCM85, Ruf85, ST89a, WH85, ABM89b, AW89, BES82, BMK89, Bro89, Cli82, DEW84, EA89, Fla82, FS85b, Gaj85, Gen82, GHO+89, Gue89, Hoc82, HMTO84, HT84, IHS+88, JM82, Key89, Kri89, LK89, LTK88, Mat87, May89, Meu89, MBW89, Nas89, Ost85, Per82, Sam85, SMR87, Sli89, Tem82, Vaj82, Ves89, WMH82, WH89, Eas82, Jes87]. **Parallelism** [CCD85, ACSB85, Bir85, Dob89, Jes82, Jes86, Nas89, PBKW85, Poh87a]. **Parallelization** [BH89]. **Parallelizing** [GLC89]. **Parameter** [Smi84f, Bas87c, BMS87, BS86b, DG84, GPS84, JR84, Klu84a, KL84a, Nob80, Nob84, Pia84, PS84b, Ran86, Ran87a, RWZ87, Smi84d].

parameter-dependent [Ran86, Ran87a, RWZ87]. **parameter-free** [Ran86, Ran87a, RWZ87]. **parameters** [ADV81, ADV84, Cam84e, FR84, Han84c, KF84, LR84b, PR84, PIM82, PIM84a, RD80, RD84, Ste84b, WDM84, WMC84]. **Parametric** [LW85, JSB82, Kla84, Les89]. **Parametrization** [Sal83a, Sal84d]. **paraxial** [MN80]. **parentage** [All84c, AM84a, Chi84b, Gra84a, Hub84b, MNJL84, SK86]. **Paris** [Fin87]. **parity** [MV87, SDH84]. **parity-dependent** [MV87]. **parjet** [Rit84b]. **Part** [Fer84, Ran86, Ran87b, Sch88b, Sch88c, VKM$^+$82, Zal85, FRS83, FRS84, FHMR84, Gje81, Hib84b, CC84, RWZ87]. **Partial** [IK85, Sch82b, AKS88a, AKS88b, CB88, CHMM84, DGL89, Dru83, Jes84, Mar89a, MN84a, MKS83, MKS84, Sch84c]. **partial-wave** [CB88, CHMM84]. **partially** [EK86, RSL$^+$84]. **participants** [Ano86-28, Ano87d, Ano88z, Ano89z, Ano89-27]. **Particle** [Ben88, Eas86, Ezh84, JN85, Sta89, Swi88, AGR88, AEH87, BMR85a, BKR88, Cha84e, CDN$^+$87, EHL80, EHL84, Gau84a, GTL$^+$86, GH87, GWTM83, Hir84, IA86, Jam82, Klo84c, KGAL88, Lew84c, LTK88, MSC$^+$88, Man87a, MT84a, Mor84e, Par84, PR84, Per89, PB84b, PGB84, Rob84a, SMM89, SAC$^+$86, Tri84, WHW87, Zac81, ZS87]. **particle-in-cell** [BKR88]. **particle-mesh** [EHL80, EHL84]. **particle-particle** [EHL80, EHL84, Man87a]. **particle-particle/particle-mesh** [EHL80, EHL84]. **particle/particle** [EHL80, EHL84]. **Particles** [LNB$^+$88, AB83, BPW84a, BPW84b, BPW84c, Bas87a, BT88, CN84, Cha84d, CJ84, GTG81, GTG84, GTM85, GDK89, Hei84, Jab84, KK84a, KF84, MKRJ89, Vrb89]. **Particles-on-a-sphere** [LNB$^+$88]. **particular** [WH81]. **partition** [BGG$^+$89, Car89]. **partitioned** [Com80a, Com80b, Com84, KC81a, KC84b]. **partitioned-data-set** [Com80a, Com84]. **parton** [BT89, FGK89]. **parts** [Jam84]. **PASCAL** [Ran87a, Ran86, RWZ87, Ran87b, MKS83, MKS84, Pyl85]. **Past** [Bra87b]. **path** [Bas87b, KPP$^+$89]. **pations** [MRCL84]. **Patiwen** [FB84]. **pattern** [AO88, Rob87a]. **patterns** [MGMZ84, Pre84a, Pre84b, RS84f, vM84h]. **Pauli** [ST84c, ST82a]. **PAW** [BBC$^+$87, BCVZ89, Joh89]. **PAX** [HMTO84, HT84]. **PC** [LBK88]. **PDE** [SSM85, ST82b, ST84f]. **PDG** [Gau84c]. **PDP** [DTE84]. **PDP-15** [DTE84]. **PDP11** [DCC84]. **PDP11/34A** [DCC84]. **PEAD** [TC87]. **peak** [vM84b]. **peaks** [CAP86b]. **penetrability** [Jam86b, Smi84e]. **penetrating** [Sko84]. **penetration** [SMMP86]. **Penfold** [ASM84, ASM80]. **Penfold-Leiss** [ASM84]. **perform** [DVD87, WB88]. **Performance** [BES82, DD85a, CKT89, CKV85, KPST89, KWPP89, MMM85, Mye89, Ros84a, Smi84a, SRS85, Sta87a]. **performances** [BC88b, Cha85]. **performing** [Fog84, MP81b, MP84b]. **Periodic** [JL84, Bun86, CM88, EHL80, EHL84, Kir87, KK83b, MP81a, MP84a]. **periods** [Bor82, Bor84]. **peripheral** [PB84b]. **perm** [SM85f]. **permutations** [BB84c]. **Perot** [MMF81]. **Personal** [And88, Qua87, Ast87, Bas88]. **perspective** [CFG$^+$87, Flu89, OT80, Ols83, OT84, Ols84, PDF82, PDF84].

PERTURB [FE88]. **Perturbation** [Cat89, VČ88, Gad80, MLS84, MLo84, MV81, MV84a, MS84, Mik80, MBW89, RS84e, III88, Sil84a, Sil84b, WS80, Wil84c, WP84]. **Perturbative** [Ixa80]. **pervaded** [Mik84]. **PES** [PIM80, PIM84b]. **petroleum** [BCC+85]. **Petviashvili** [MLS81]. **Peyret** [Eas84a]. **PFPOSFIT** [Puf83, Puf84]. **Phase** [NM84, CM81b, CM84f, HSV84, Jad84, JA80, JA84, KK84a, KF84, KSE86, MS84, Mor84e, PB84b, Sea84a, Smi84e, Ste84c, Vrb89]. **phase-space** [CM81b, CM84f, Vrb89]. **PHIGS** [Mye88]. **Phocha** [DLB83, DLB84]. **phoenical** [EFES81]. **phone** [Str87]. **phonon** [Han84d, Nor82, Nor84b, Rei86, SR84b]. **photoelectric** [KM84a]. **photoelectron** [TC87]. **photoemission** [HPT80, PT84]. **photographic** [RSP81, RSP84]. **photographs** [BSP84, CA84]. **photoionization** [CLS+84, KS86b, Sar87]. **photon** [BDK86a, BDK86b, BDK86c, BSdlT87, DO84, LW84a, SV84, TW83, TW84, WL84, WV80, WV84, ZNO88]. **photon-Maxwellian** [WL84]. **photons** [Chr84a, Chr84b, DLB83, DLB84]. **photonuclear** [ASM80, ASM84]. **photoproduction** [IW87]. **PHOTUC** [Sar87]. **Phys** [KS08, Ran87a, Tho04a, Tho04b]. **physical** [Bas87b, Zlá80]. **physicist** [Boc89]. **physicists** [Ano88-27, Jam86a]. **Physics** [Ano80g, Ano80f, Ano82i, Ano86f, Ano88h, Ano88i, Ano89h, CSMHT88, Gau81, Sch86a, Sta87b, Taj86, Ano81t, Ano84-87, AGG+82, Arn84b, BBE+81, BMR85c, BT81, Ben84b, BI85, BSA86, BBC+87, BPR+86, BE89, Bur87, Den88, Dun87, Eas86, Ezh84, Gau84b, Ger80, Gir81, GH87, Gre88, Gro89a, Hey89, Hin81, HS84, Jac81, JMS+89, Jes86, KAH+89, KP81a, Kaw86, Kos80, Lan87, LSW87, Mar89b, Mon87, Nad86b, Nas87a, Nas89, New89, Nex80b, OLR+87, PBKW85, PFGP82, Poh87a, Poh87b, Put89, Qua87, Rim81, Rob87a, SN84, Sjö83, Sjö84a, Sjö86, SB87, Van89, Van81b, Ves89, Wat89, Wha89, Whi89a, Wil81, Wis87, Zac81, ZS87, vD87b, Ano80e, Ano88-27, Boc89, Wic87, Fin87, Lis88, Eas84b]. **PIC** [DH84b, Har88, HL88, LK88]. **pickups** [AN88]. **pictorial** [vD87a]. **Picture** [Col88, BO80]. **pictures** [BLMU81, BdCP81, VKM+82]. **Pinch** [SBM+86]. **Pion** [Lan84a, Fun84a, Fun84b, GE88, Lan82]. **pion-nucleus** [Fun84a, Fun84b, GE88]. **pions** [EM84a, EM84b, ET84]. **PIPIT** [ET84]. **Pirk** [EM84b, Fun84b]. **place** [Rob84d]. **planar** [AO88, BCCM87, ELS88, KBMV86]. **Planck** [ERB88, FSR84, MMK81, MMK84, MGK86, MMTK88, OCS86, SFB87, SSF+89]. **plane** [BDG+84, CM84a, DEW84, Fer89]. **planes** [CM84a]. **planet** [Moo80, Moo84c]. **planewise** [HM81, HM83, HM84a, HM84b]. **planning** [ASS82]. **plant** [KK85]. **plants** [KB86a]. **Plaskem** [Rob84e]. **plasma** [BV80, BV84, BSV+85, CHL+81, CD86, Eas86, FLM84, FBW82, FM84, FC84a, GH83, GH84a, GHU81, KBMV86, LHP87, LNS84, LJN85, Mae88, MTN+82, MCA87, MV88, MGK86, New86, Ods80, OM88, Rob84d, Rob84e, Rob84f, SWHB88, Shu87, SPM+88, SVP86, Swi88, TTAT81, TAK+85b, TDS81, TDS84, Wen88, WW80, ZC84, Taj86]. **plasma-circuit** [LJN85]. **plasma-wall** [GHU81]. **plasmas**

[BHM81, Ber80, Bor82, Bor84, Cap86a, CM81b, CM84f, DM86b, Dor86, EPS81, EP86, HP83, HP84, Hof88, IFI84, KLGT85, LCH+81, Mac89a, MCJ81, MCJ84, OS86, SW80a, Tal82, Tal84a, WMCH84, Sta87b, Sch86a]. **plastic** [LK88]. **PLATTSUM** [HM83, HM81, HM84b, HM84a]. **Plot** [Pre84b, CA84]. **plots** [Dun87, Kal82]. **plotter** [Moo84f, Moo84g, RSP81, RSP84]. **plotting** [AMB84, ABMT84, AMK81, AMK84, PT85]. **plus** [HKT85, LT87, PIM80, PIM84b]. **Point** [Bur85b, EFK85, MB83, AS83, And83b, And83a, AS84, And84b, And84a, BAG+87, Cla82a, FM84, Got83, KA87, LB84, May81, May84, MSFR89, MB84, Ric82, Ric84, SS89, SA83, SA84, TDS81, TDS84, Woo85]. **points** [AN87, AAMB84, AMB84, CC84, Tor82, Tor84, Wai87]. **Poisson** [AZK83, BH85a, CH84a, Cla82b, Hou87, Hug84]. **Poisson-solver** [CH84a]. **polar** [Laa86]. **polarisation** [Lan84b]. **polarizabilities** [Sho81, Sho84]. **polarization** [AMK81, AMK84, Ber84b, DGO83, Nur85, Sei84]. **polarization-modulation** [Ber84b]. **polarizations** [Hei84]. **poletips** [McN81, McN84]. **pollution** [Rap81a]. **poloidal** [BM84b]. **poly** [MD81]. **poly-processor** [MD81]. **Polyatomic** [EHH88]. **polycrystal** [SR84b]. **Polyfit** [Sci89]. **polygamma** [Di 86]. **polygon** [Woo85]. **polygons** [Lee82, Lee84]. **Polyman** [OL88]. **polymer** [Mic87]. **Polymol** [And84c]. **Polynomial** [MC85, Del84a, Sci89, Ten85]. **polynomials** [BG81, Bra84a, CWS83, CWS84, GJ84, Hel80, OL88, Öpi87, RVD+81]. **POLYP** [MD81]. **POLYRATE** [ITR+87]. **polytropic** [BM84b, MM82, Mik84, MM84b]. **population** [LHP87, SM84a, Tal84b]. **portability** [Mye89]. **Portable** [Car88, May89, BCVZ89, Day81, Day84b, Day84a, ERLD87, Tau81, Tau84b]. **POS** [GS89]. **POSDIF** [Câm82, Câm84g]. **positions** [FFH84]. **positive** [Bar81b, Bar84c, Gad85]. **positive-definite** [Gad85]. **positron** [ANP+85, BDK86b, Câm82, Câm84g, JT84a, KEMP81, KE84b, KEMP84, KE84a, Odo81, Odo84c, Puf83, Puf84, Rit86, VDM84b, War84]. **positronfit** [War84, KE84b, KE84a, VDM84b]. **positrons** [DLB83, DLB84]. **possible** [BBD+89, Lan87, Wil81]. **post** [KS86b]. **POT4A** [BH85a]. **potential** [All84b, BT84b, Cug84, CDN+87, ET84, FRS83, FRS84, FT84a, FM84, Gia84, Has84, HH84, Hir84, Kla84, Klu84b, KP85, Lee82, Lee84, MLL86, MR80, MR84a, ML81, MZZ89, ÖW84, PP85, Ras80b, Ras84b, RRG88, SNC80, SNC84, TTW84a, Tel84, Ten84b, TDS81, TDS84, VPB82, VPB84, Art85b]. **potentials** [AAH84, CMR86, Coo82, Coo84a, Coo84b, Dom86, Fie80, Fie81, Fie84, FJ89, LW84b, PS84a, ST84b, ST82a, ST84c, STN89, Tal89, WGM83, WGM84, YP86]. **powder** [FHMR84, FFH84, FR84, MZM+82, MZM+84, MGMZ84, dBM82, dBM84, vM84h, vM84i]. **powders** [DG84]. **Powell** [Gri87]. **Power** [FK86b, Jam84, KK85]. **powers** [DM86a, Di 87, MR84b]. **pp** [Duc86]. **Practical** [Meu89, LM84]. **practice** [Ano88-27]. **PRAVDA** [MPS81]. **pre** [Bet84, HMS84]. **pre-equilibrium** [Bet84, HMS84]. **pre-equilibrium/compound** [HMS84]. **precision**

[DSK83, DSK84b, Rys87]. **precompiler** [WC85]. **Preconditioned** [GLC89, OJK89, AKS88a, AKS88b, CKA89, EA89, KA87, Sun88]. **preconditioners** [CKT89]. **preconditionings** [KJ85]. **predict** [Lev89, Rob84e, RS84a, Smi84a]. **prediction** [Gib85]. **predictor** [BP82a, BP82b, BP84a]. **predictor-corrector** [BP82a, BP82b]. **predissociation** [Le 89]. **Preface** [Ano82z, Ano82-27, Ano84-76, Ano84-77, Ano85x, Ano85y, Ano86-30, Ano86-29, Ano88-28, Ano88-29, Ano88-30, Ano89-28, BM88, DD89, FPR89, Gru81, Gru84c, Jam81, KS87b, Nad80, Nüh86, TSH87]. **Preliminary** [Ano80s, OLR+87]. **preorthonormalization** [HT88]. **prepared** [GWL89]. **Preparing** [Frü81]. **Preprocessor** [KK89, BH85b, HRR84, KPP81, KPP84b]. **preprocessors** [Joh87a]. **presence** [ACR88, ABG+81a, OSF86, SSF+89]. **present** [Bra87b]. **presentation** [BCVZ89]. **preserving** [CM88, ST84d, SBFI87]. **Press** [Gri87, Nad86a]. **pressure** [ZC84]. **Preuss** [Yur84]. **price** [Ano89h]. **primary** [KK85, MM82, MM84b]. **prime** [DW84]. **primitive** [Sch88a]. **primitives** [AB88, SMC81, SMC84]. **principle** [Pon81, Wil84b]. **Principles** [Cio89, CRH+89, Man87b, RW84]. **Printer** [Moo84g, Moo84f]. **Printer-plotter** [Moo84g, Moo84f]. **priory** [Chi89]. **prism** [Hou87]. **probabilities** [BF84, HK83, HK84b, vdB84]. **probability** [BD87, De 88, DP84, GTM87, Mal84]. **probe** [Cat89]. **problem** [AZK83, BH81, BH84a, Bas87b, BMK89, CR84a, Cam84f, Com82, Das83, Gae81, GR81, GV87, Gir81, KBMV86, Man87a, SSF+89, Vaj82, WH81, YP86]. **Problems** [GK80, Har84b, KW84a, AP80, ABG+81a, AHVV86, BO80, BV80, BV84, Ben88, BG81, BTS84b, Cha85, Cis87, CDN+87, DGL89, Fie80, For89, FJ89, GJ84, Gal85, Gru84a, HT88, HKK84, Jam82, KJ85, KS84g, KS84h, LW84b, Mül87, Nav89, OTB80, OTB84, Rea89, Rob87a, Saa89, Str81, vdV89]. **Procedure** [CKW89, Bil89, BKK86, BW87, DG89, Di 86, DU89, GMR84b, HT88, Jak84, LM84, TT82, TT84]. **Procedures** [FK86b, ST89b, KP89]. **Proceedings** [Bra86]. **process** [Eck84, FS82, JW85, SK82, SK84]. **processes** [BS87, BKJ83, BKJ84, BDK86a, BDK86b, BDK86c, BSdlT87, BBC+84, BBL+84, GHU81, HRS81, HRS84, IP88, Le 88, LVPG84, MC84a, ST82a, ST84c, Swi88, vdB84]. **Processing** [FR81, HT84, MD82, Nex84, AWB82, AW89, BO80, BC88b, CSMHT88, DD85a, DFOP89, Dit89, HRW85, HSA82, HSA84, IA86, KP81a, Mas81, MTN+82, MBW89, OY80, Rim81, Ruf85, Sch89c, SM85a, Tol85, TGA88, Ver84b, VSH83, VH87, WH85, Zlo82, Zlo84a, Jes87]. **Processor** [Par83, ABM89b, Ano87b, CNRS82, DGK+81, Gaj85, Gje81, HD86, Hou87, JSB82, Jac81, Jac82, Jes85, KK88, KSG82, LW84a, LTK88, MD81, Män89, MHP84, PP82, Rap85, Sch82a, SM85a, VM89, Ves89, VGD+89, WMCH84, Bur85b, Gal85]. **processor-emulator** [VGD+89]. **Processors** [Bra86, Bai87, BES82, Bro89, Dit89, Fra81, Gro87, Gro89a, Gue89, Hoe86b, Kri89, NFH+88, Per82, Sam85, UI85]. **Produced** [KK89, DLB83, DLB84]. **Producer** [Flu89]. **Producing** [JN87]. **product**

[CW80, CDW82, CW84a, CW84b, CDW84, MG84, Mar89c]. **production** [BDK86a, BDK86b, FGK89, Gib85, MT84a, Odo84a, Odo84d]. **products** [DW84, Eğe82, Ege84, Hay83, Klo84c, Sax84b]. **profile** [Tal82, Tal84a, Tal82, Tal84a]. **profiles** [DG84, OBLR84, SLH84, YB86]. **Profiling** [Sch85b]. **progeny** [Har88]. **Program** [Ano80t, Ano80u, Ano81u, Ano81y, Ano81v, Ano81w, Ano81x, Ano82-28, Ano82-30, Ano82-29, Ano83p, Ano83q, Ano83r, Ano84-78, Ano84-79, Ano84-80, Ano84-81, Ano84-82, Ano84-83, Ano84-84, Ano84-85, Ano85z, Ano85-27, Ano85-28, Ano86-31, Ano86-32, Ano86-33, Ano86-34, Ano87x, Ano87y, Ano87z, Ano87-27, Ano88-31, Ano88-32, Ano88-33, Ano88-34, Ano89-29, Ano89-30, Ano89-31, ABD82, ABD84, Bar83, Bar84e, Bas87d, Bet84, BTS84a, BTS84b, Cha82, Cha84c, CgYpXh85, DR85, DS83, DS84a, Eas87a, EFK85, GLST89, Har89, Hof84b, Hof84a, Ito85, IK85, Ito88, KM84a, KEMP81, KEMP84, KM82, KM84b, KR88, Lis84, Mar89c, MT84b, NA84, PP85, ST84e, Ste84b, Wil84b, WP84, YpMzCeCg85, YFL87, AV84, AI88, ABH$^+$84, All84a, And84c, ANP$^+$85, Ano86n, ABG$^+$84, AGF87, AMK81, AMK84, AK84]. **program** [Aur84b, BV80, BH81, BV84, BH84a, BKvLSE80, BKvLSE84, BBM82, BBM84, BD80a, BDM81, BRTB84, BRT84, BDM84, BD84a, BSK88, BCFK85, Bar84d, BB86, Bas87a, BSP84, Bat84, BP82b, BP84a, BH85a, BGMP84, Ben82, Ben84a, BD82, BD84b, BPA84, BBC$^+$84, BBL$^+$84, BD84d, BSA86, BSDM88, Bie83, Bie84, BP84c, BEM84, BM85a, BS86a, BA86, BJ81a, BJ81b, BJ84a, BJ84b, Bur84, BT84b, But84, Cam84f, Câm82, Câm84g, Car89, Car84a, CFG$^+$88, Cha84d, CW80, CW84a, Cha84e, CW84b, CCR84a, CCR84b, Chi84a, Chi84b, CH84a, CSC$^+$86, CC84, CF85, CLS$^+$84, Coo82, Coo84a, Coo84b, CGB$^+$89, Cre80a, Cre80b, Cre84a, Cre84c, CSW84, CMO86, CKV85, DK87a, DK87b, DM89a, DM86a, De 84c, DFD81, DFD84, DLB83, DLB84, DCC84, DL86, DSK83, DSK84b, DHN84, Des84b]. **program** [Deu84a, Deu84c, DRD88, DH84a, DS84b, Duf84, DO84, Dya86, DGJ$^+$89, EHL80, EHL84, EM84a, EM84b, EA83, EA84, Eks84, ENSC86, EHH88, FV86, FT84a, FS82, Fem84, FHMR84, FFH84, FK84, Fer84, FR84, Fie81, Fie84, FM85, Fle81, FS84b, Fog84, FS80, FKM$^+$87, FE88, Fro84a, Fro84b, Fro84c, Fro87, Gal84, GDH$^+$89, GTG81, GTG84, GTM85, GTM87, Gat89, Gel85, GH83, GH84a, GSZ85, Gia84, GE88, Gio84, Goo84, Gra84b, Gra84c, HC83, HC84, Han84a, Han84b, Han84c, Han84e, Han84f, Han84d, HHK86, HBJ84, HRS81, HRS84, HMS84, HM81, HM83, HM84a, HM84b, Hib84b, Hib84a, Hib84c, Hib84d, Hib84e, HRB84, HK81, HK83, HK84a, HK84b, Hub88, HKS83, HKS84, IA80, IA84, IL84, ITR$^+$87, Isl81, Isl84a, Ito86, Jab84]. **program** [Jac80, Jac85b, Jac85a, JT83, JT84a, JT84b, JA80, JA84, Jam84, JP80, JP84b, Kac84, Kam86, KF84, KKP82, KPH84, KKP84, KS81, KS84b, KE84b, KE84a, KS84c, Kla84, Klo82, Klo84a, Klo84b, KH89, Köl81b, Köl84b, KS84e, KS84f, KS08, KS84g, KS84h, KAR81, KAR84b, KPST89, KP81b, KPP81, KPP84a, KPP84b, KPPR84, Lad86, Le 89, LCW84, LZ84, LHP87, LS84, MS87a, MRCL84, MLL86, MR80, MR84a, MG84, MRW84, MW84a, MZM$^+$82,

MZM+84, Mar84b, MW84b, MS84, MGN80, MGN84, MP81b, MP84b, MKS83, MKS84, Mor84a, MC81, MC84b, Mor84c, MT84a, Mor80, Mor84d, Mor84e, Nai84, Nai86, NN84, NT84, Nov87, O'C84b, O'C84c, Odo81, Odo82, Odo84a, Odo84b, Odo84c, Odo84d, Ods84, OT80, Ols83, OT84, Ols84, OTB80, OTB84]. **program** [Öpi87, OCC80, OCC84, PB84a, PNO89, PR84, PV84, Pis84a, PS84c, Pre84b, Pro82b, Pro84, Puf83, Puf84, PGB84, Ram85, Ran86, Ran87a, RWZ87, RRC89, Ras80b, Ras84b, RA82, RA84, Rob84a, Rob84b, Rob84d, Rob84e, Rob84f, RS84a, RBHW84, RSL+84, RS80, RS81, RS84b, RS84c, Ryn82, Ryn84, RD80, RF83, RD84, RF84, SMMP86, Sal82, Sal84e, San82, San84, Sar84c, Sax84b, Sax84a, SGS+89, Sch88a, SNC80, SNC84, Sch89c, Sch86c, ST82a, ST84c, Sea84a, Sei84, ST84d, STN89, SR84a, SDH84, III88, SS84c, SS84d, Smi84d, SK82, SK84, SVP86, Ste84c, Szé85, Tak85a, Tal89, TCS85, Tau80, Tau81, Tau84b, Tau84c, Tau84d, TT85, Ten83, Ten84a, TN84, TM89, TKS+85, TGA88, Tro84, TTL88, Ver83, Ver84a, VVM84, Ver84b, VPB82, VPB84, Vio84, VDM84b]. **program** [VBD88, WGM83, WGM84, WB84, YP88, Yat84, YMWW89, ZL84, Zlo81, Zlo82, Zlo84a, Zlo84b, Zlo84c, Zoh84, Zwa85, dB82, dB84, tR85, vMF81, vM84a, vM84f, vMF84, vM84g, vMT84, vM84e, vM84h, vM84i, MW84c, Wil84a]. **program-package** [AI88, IA80, IA84]. **programmable** [Män89, PCL89]. **programme** [VH87, Wen88]. **Programming** [Dow82a, Jes82, KSS86, LT85, Rus87, BKD83, BKD84, BM85a, CRV+89, CPL89, Eas82, Mar85, May89, Nag85, Sch86b, Sch85b, Tar86, WHD86, Whi89a, vdB84, Rob85]. **Programs** [AF82, AF84c, Fin80, Fin82, Fin84a, Fin84b, FC84b, Köl84c, LO86, Sch84a, SG83, SG84b, WS82, WS84a, AD84, BF89, Bir85, BvEF85, BS86a, Bri86, Car80, CDW82, CDW84, CM88, CR84d, Com80b, Das89, DVD87, DK87c, Gro89a, Gro89b, Nis88, Ran86, Ran87a, RWZ87, Ran87b, RR84, RV84, SCF86, SS84b, SMD84, VSH83, WC84, WC85]. **Progress** [CGB+89, CFG+87, HL88, Met89, Ste87]. **Progressive** [Bil89]. **PROION** [Bor82, Bor84]. **Project** [Pla86, Maz89, Ste87, BBC+89]. **project-progress** [Ste87]. **Projected** [Fle81]. **projectile** [Coo84b]. **projecting** [Tak85a]. **projection** [ABH+84, GM89]. **projections** [CA84, Pre84b]. **projects** [Man87b]. **Prolate** [BC83a, BC83b, BC84a, BC84b]. **prompt** [Puf83, Puf84, War84]. **Propagation** [Hoe86b, AHVV86, BBM82, BBM84, Dru83, DH84b, Fer89, JBWW86, MT81, MMF81, MN84a, MCJ81, MCJ84, Mor84c, PPHS86]. **propagator** [DGO83]. **Properties** [Pol88, BSdlT87, Bri86, DK87c, Mac89a, Mic87, Nog83, Tho84, Tri84, VH87]. **property** [Eck84]. **proposals** [OLR+87]. **proposed** [But89]. **proteinic** [CF85]. **proteins** [SCF86]. **Proton** [BMG+85, Fun84a, Fun84b, Keg85, MT84b]. **proton-irradiated** [Keg85]. **protons** [BBH+84, Mal84]. **Prova** [MZM+84, MZM+82]. **provided** [THH82]. **pseudo** [ABM89a, Rib80, SRS85]. **pseudo-random** [ABM89a, SRS85]. **pseudofermion** [CMPR88]. **pseudofermions** [FS85a]. **Pseudopotential** [Kol81a, Kol84a]. **public** [IH86]. **publication** [Blo89]. **publisher**

[Ano88i, Ano86-35]. **Pulsamp** [RS84a]. **pulse** [AP89, AK84, DH84b]. **pulse-height** [AK84]. **pulsed** [vM84g]. **pulses** [RS84a]. **punching** [Fem84]. **pure** [AMC83, AMC84, BF84, CM85, DMM83, DMM84b]. **purpose** [BCVZ89, DS84b, DGJ+89, Gup88a, Poe85, Pro82b, Pro84, RWK+85, RS80, RS84c, vM84a, vM84b]. **pushing** [MSC+88]. **PWBA** [TW83, TW84]. **PYTHIA** [BS87].

QCD [BS86b, CMR86, CMPR88, Ing87, IHS+88, Odo81, Odo84a, Odo84c, Odo84d, Rit84b, Sch87a, Tou87, Tou89]. **QCDPAX** [IHS+88]. **QED** [JW85, KKS87, LO86, MGN80, MGN84]. **QR** [BMK89]. **quadratic** [Zlo89]. **quadrature** [Lew82, Lew84a, ST84b, Tak88a, Tak88b, Tel84]. **quadrupole** [CDN+87, DG84, DSSS86, God84, LJLC84, Nai86, SS84a, vM84h]. **quadrupole-distorted** [vM84h]. **qualitative** [Hla80, Hla84]. **quality** [DP89, Sch88b, Sch88c]. **quantification** [Bro83]. **quantities** [Bar83, Bar84e]. **quantization** [FE88, MD88]. **Quantum** [CDL88, Duc86, FH88b, MR86, RSA84, SG82, ST89b, BMV83, BMV84, BTS84b, CCD85, DWC+89, GLST89, LL84, MMS87, MR87, NFH+88, NBI+85, OTB80, OTB84, Sch87b]. **quantum-chemistry** [BMV83, BMV84]. **quark** [Odo82, Odo84b, Rit84a]. **quarks** [CMPR88]. **quarter** [HWL89]. **Quasi** [DeV84, Gad85, RM89, Lan80, MN84b, MGK86, Tal84b]. **quasi-analytical** [MN84b]. **Quasi-bound** [DeV84]. **Quasi-elastic** [RM89]. **quasi-linear** [MGK86]. **quasi-Newton** [Lan80]. **Quasi-optimum** [Gad85]. **quasi-steady** [Tal84b]. **quasicontinuum** [Lea87]. **quasilinear** [SSF+89]. **quasiparticle** [HR87, HH84]. **QUB** [BES+87]. **Query** [Sko89]. **questions** [Gir81].

R [Eas82, Eas84a, BBL+84]. **R-matrix** [BBL+84]. **Racah** [AD84, BK84b, SMR87]. **Radial** [Arn84b, SF84a, Bel84a, BC83b, BC84b, FS84d, Jam84, Lab84c, Mar84a, Pie84b, SS84a, Sea84b, Ste84c, Tol86, VPB82, VPB84]. **Radiation** [FM84, BS84c, CFG+88, Cha84b, ELS88, Hub84d, KK84b, Lan84b, LO86, RSMTV88, Rei89, TW89a]. **Radiative** [BDK86a, TS89, BKJ83, BKJ84, FS84b, HKK84, IL84, JW85, Mac89a, MPM85, SF84a, SL83, SL84, WBG84]. **RADICAL** [Ran87a, Ran86, Ran86]. **radii** [Fun84a, Fun84b]. **Radio** [BS84d, BS84c]. **radioactive** [Aur84a, Aur84b, EA83, EA84]. **radioastronomical** [Sal84b]. **RAL** [Wha89]. **Ralf** [Man86]. **RAM** [Ska82]. **Raman** [LBY86, MW84a, MW84b, MW84c, Wil84a, YB86]. **Ramses** [DH84b]. **Random** [Bro89, ABM89a, Bro84, Cha84b, CG87, CGG87, De 88, JA80, JA84, KW84a, KCA84, Rib80, Sal87, Sch87b, Sch84a, SRS85, WDM84]. **random-field** [CGG87]. **Random-number** [Bro89, Bro84]. **randomly** [DSM+81, DSM+84, Gal81, WD84]. **RANF** [KW84a]. **range** [BP84c, CCR88, Com82, FKU+84, FS85b, Hub84f, LR84b, Mas83, NK84, PV84, Ste84c, TL84, TUWA84]. **Ranged** [Fin84b, Fin80]. **ranges** [MRW84]. **Rank** [IK85, Ito86]. **Rapid** [Mue84, GMR84b]. **Rapidity** [Jad84]. **Rappaz** [Man86]. **Raptis** [Moh80, Moh84]. **rare** [Câm82, Câm84g]. **Rate**

[Bil84, Bil87, Bie83, Bie84, ONP89, Rob84f, WMCH84]. **rates** [Har81, Har84a, ITR+87, Le 89, MM88b, SG89, TSD84]. **rational** [GMR84b, Gro89b, SW80b, SW84]. **rationals** [DSK83, DSK84b]. **Raubenheimer** [Sim84, Sim80]. **ray** [AWG84, Deu84a, Deu84b, Deu84c, Deu84d, DPH82, DPH84, FHMR84, FFH84, FK84, Fer84, FR84, FC84b, Hub84c, KBMV86, Lea87, MZM+82, MZM+84, MGMZ84, MCA87, PJ89, Rei85, Rei86, RM89, VSP86, WML+82, Zlo82, Zlo84a, vM84i]. **ray-tracing** [KBMV86, PJ89]. **Rayleigh** [SSS84, SS84c]. **Raynal** [YFL87]. **rays** [GTM87, PDNE88, RSL+84, SS84c, SS84d]. **RCWFF** [Bar84d]. **RCWFN** [Bar84d]. **Rdlist** [Day84a, Day81]. **reacs** [Rob84d]. **reactance** [BTS84b, BW87, Hen84, OTB80, OTB84, Sar84a, Sar84b, Sar84c]. **reacting** [Key89]. **reaction** [Bas87a, BvSW84, DKA85, GG89, Har81, Har84a, Hod84, ITR+87, KPP+89, MM88b, RS81, RS84b, SG89, WMCH84, vdM84a]. **reactions** [AMK81, AMK84, Ass84, Bas87a, Bet84, But84, DL87, DP88, DKA85, DD86, EE89, FKU+84, HIM84, Hei84, HMS84, MT84a, ONP89, OVQT+84, Rob84d, Rob84f, SM84a, SAC87, Sei84, SS84b, SMD84, SR84a, SDH84, Tak85a, TUB83, TUB84, TCR84, TL84, TUWA84, WMC84]. **reactive** [DWC+89, HH82]. **reactivity** [Kam86]. **reactor** [BSA86, Das83, Gad80, HLM+87, LCS84, Mar89b, Moh89]. **ready** [Wil89]. **Real** [FRS83, FRS84, SM85a, Sne85, AM84e, Bar81a, Bar81b, Bar82, Bar84b, BFSG84, Bar84c, Bar84d, Cam81, Cam84c, Cam84a, Cam84b, CFG+87, Cli82, CRL+89, EP86, FMS87, GSS81, Gli82, Gór88, Ken89b, Sch86b, Sch88b, Sch88c, Tau80, Tau84c, TB87, Tho04a, Zal88]. **real-time** [FMS87, GSS81, Gli82, Sch86b, Sch88b, Sch88c]. **realistic** [FRS83, FRS84]. **realization** [CDL88]. **realize** [PT85]. **reciprocal** [HM84c]. **recognition** [AO88, Bil89, Rob87a]. **recoil** [PV84]. **recombination** [BS84d, FS84b, LH88, Mag84a]. **Reconnection** [KJRS88, Son88, Uga88]. **reconstruction** [DFOP89, GDH+89, KPST89, Per89, Sta89, TA89]. **recoupling** [BSK88, Bur84]. **rectangular** [Hou87, Lew82, Lew84a]. **Recurrence** [MP81a, MP84a, Tol86, Arn84a, Lee89]. **recursion** [Hay83, HW84a, Hay89a, Nex84, PT82]. **Recursive** [Hay89b, PB84b, SG84a, HDK84, Hay80]. **reduce** [Sch84c, BO80, BH88, DR85, Eas87a, EFK85, GK80, Har89, Ito85, IK85, Ito88, KK89, Sch82b, Sch86d, ST89b, FK86b, Ito86]. **REDUCE-2** [BO80]. **Reduced** [Bra84e, FS84c, KKLP84, Klo84c, BC84c, BF84, Cha84e, MKS83, MKS84, Rob84a, Sax84b, Sax84a, Bra84d]. **Reduction** [FSP87, Joh85, Stu88, vMT84]. **reference** [Lid84b]. **refinement** [LM84]. **reflection** [ACR88, FK84, Fer84, KN84a, MR80, MR84a, PI84]. **reflections** [FHMR84, FFH84]. **reflective** [PJ89]. **reflector** [Moh89]. **refraction** [ACR88]. **refractive** [BLB88]. **refresh** [BGMM81]. **regarding** [Gup88a]. **regeneration** [Rob83]. **Regge** [BT84b, HIM84]. **reggeon** [BB84b]. **region** [BKJ83, BKJ84, vdM84a]. **regions** [BS84d, Lew82, Lew84a, Moh89, RG86]. **register** [CG87]. **registered** [OVQT+84]. **regression** [DP84]. **regular** [Bar81a, Nes84]. **regularity** [BRB89]. **regularization**

[Pro82b, Pro82a, Pro84, tR85]. **regularizations** [RS80, RS84c]. **Reid** [Bra86]. **Reidel** [Art85a, Rob85]. **related** [BLMU81, BKvLSE80, BKvLSE84, CR84a, vdV89]. **relational** [LSW87, Sko89]. **Relations** [Mur88, Arn84a, Han84d, Lee89, Tol86, You87]. **Relationship** [Sch87b]. **relationships** [PIM82, PIM84a]. **relative** [BPW84b, BPW84c]. **Relativistic** [BZ84, Bra84c, Bra84b, LCW84, BS83, BS84a, DLB83, DLB84, Des84b, DGJ$^+$89, FKM$^+$87, GE88, Gra84b, Gra84c, Lab84a, LW84a, LZ84, Man83a, MSFR89, Mor84e, PP85, SSS84, STN89, SFB87, SS84d, WB84, Yat84]. **relativity** [SG83, SG84b]. **Relaxation** [CLL89, Got83, AZK83, vMT84]. **release** [IH86]. **relevant** [Str81]. **reliable** [Han84c, Han84e]. **Remark** [SM85f]. **Remarks** [GS88, LB82b, Gen88, Goe84]. **remote** [Ghi87]. **renaming** [Nas87a]. **rendering** [vD87a]. **renormalisation** [vTBF84]. **renormalised** [SP87]. **renormalized** [DW88]. **Renyi** [Cha84a]. **reorientation** [BL86]. **Reply** [BD81, Mag81]. **Report** [Kil80]. **Representation** [FH88a, BS86b, Cho84, Hel80, Hub84b, MG84, SM81b, SM84e, SM85b]. **Representations** [Dom86, DLPL89, BWBL88, KS87a, MPS84, Net84, PZCC89, SM82, SM84f, SM85d, SM85e, Wor84b]. **represented** [Pro82a]. **Repulsion** [EBS88, Ben82, Ben84a, BDD84, HC83, HC84]. **required** [ST84e]. **requirements** [Cio89]. **rescue** [MPS81]. **Research** [FKM$^+$87, Kil80, DL89, LP89]. **Resfit** [BB86]. **residual** [Oya86]. **residues** [DKA85]. **Resistive** [LCH$^+$81, Ede84, IK81, HR81, KLGT85, Kir87, MBOK86, MPIM86, TAK$^+$85b, ZC84]. **resistivity** [Isl84b]. **Resolution** [SMM89, Ver82, BR85, BPSB88]. **resolvents** [Nex89]. **RESON** [TN84]. **resonance** [BB86, DG84, KM86, SAVV87, Sea84a, SDH84, TTL88]. **resonances** [HR84a, Hla86, TN84]. **Resonant** [KP85, KK84b, VPB82, VPB84]. **resources** [ASS82, McI84]. **respect** [JP84a]. **respectively** [Ano89h]. **response** [GM89, LZ84, LLC84, MPM83, MPM84, ZL84]. **restart** [HR84e]. **restricted** [Jam87]. **restructing** [CKV85]. **results** [ABMT84, BBH$^+$88, Eld84]. **Retrans** [Kam86]. **retrieval** [DSK84a, HM84d, Jac85a, Vis84b, BJ81b, BJ84b]. **retrieve** [Jac85a]. **retrieving** [Sko89]. **Revai** [YFL87]. **Reversed** [SBM$^+$86, HWL89]. **Reversed-Field** [SBM$^+$86]. **Review** [And86, Ano89h, Art85a, Art85b, Bra86, Duc86, Eas80, Eas82, Eas84b, Eas84a, Eas89, Fin87, Gri87, Jes87, Lis88, Man86, Nad86a, Rob85, Sch86a, Sta87b, Taj86, Van81b, MPIM86, Tri84]. **review-of-particle-properties** [Tri84]. **Revised** [Gra84c]. **revision** [Ano80g, Ano82i, Ano86f]. **revolution** [DM89a]. **rezoning** [MN80]. **rf** [OCS86, AHS$^+$86]. **Riccati** [RW84]. **rich** [Män89]. **Richardson** [GB87, Jam88]. **Riemann** [BD80a, BD84a]. **Riemannian** [DR85]. **Rigid** [AF82, AF84c, Fin82, Fin84a, AB86, KN84c]. **ring** [Män89, Sam85, TS84b, Wil84c]. **RISC** [Hey88]. **RITSSCHIL** [Zwa85]. **RKR** [Tel84]. **ro** [CRH$^+$89, Ten83, Ten84b, Ten84a, Ten86, TM89].

ro-vibrational [CRH+89, Ten83, Ten84b, Ten84a, Ten86, TM89]. **Robert** [Art85b]. **role** [Ebe84, Hey89, LSW87, Lid84a, Zac81]. **ROMPIN** [GE88]. **Root** [SW80b, SW84, DSK83, DSK84b]. **Root-rational-fraction** [SW80b, SW84]. **Roothaan** [HKS83, HKS84]. **rotating** [BV80, BV84, Sch88a]. **Rotation** [CLS88, CRL+89, BC84c, Bru85, Bru86, RRG88, SMT88]. **Rotation-vibration** [CLS88]. **rotational** [BB84a, Bou87, CRH+89, CCS89, DK87b, EHH88, HH84, Hir84, JT83, JT84b, LNB+88, Nai84, Nai86, Ogi83, Ogi84, BR85]. **rotational-vibrational** [LNB+88]. **rotationally** [JT84a]. **rotations** [CC89a, Tau84d]. **rotator** [BCCM87]. **rotlev** [Ten86]. **rotor** [CDL88, Jam87]. **ROTTRA** [Tau84d]. **Round** [Ano88-35]. **Round-table** [Ano88-35]. **Rounding** [Hay83]. **Routh** [GV87]. **Routh-Hurwltz** [GV87]. **routine** [Bas87c, CKA89, Gru84d, Hou87, HR84b, Isl84b, KA87, MM88b, Moo84f, Moo84g, NP84, Ste84a, WS84b, Zlo84d, vM84e, vM84b, vM84c]. **Routines** [Wai87, BN81, Vis84b]. **Rovibrational** [Hen84]. **RPA** [ENSC86, Jes85]. **RRKM** [Ryn82, Ryn84]. **RSPT** [Nog83]. **rule** [AO88, EC84, Le 89]. **rules** [Lee89]. **rumpled** [MS88]. **run** [BTS84a, DTE84, NA84, VH87]. **running** [JMS+89]. **rupp** [Rin84]. **RWSYST** [KS86a]. **Rydberg** [RA82, RA84].

S [Bra86, Eas84b, JB80, MZZ89, Cug84, SM82, SM84f]. **S-state** [Cug84]. **SA** [Ano87-29]. **SA/SD** [Ano87-29]. **Saclay** [Gou88]. **safety** [Sch88b, Sch88c]. **SAMP080** [KAR84b]. **samples** [DSM+81, DSM+84, Gal81]. **sampling** [KVW84, Sal87]. **SAMPO80** [KAR81]. **Sanibel** [Ano82a]. **SASD** [Bor89, Gat89]. **SASD-tools** [Gat89]. **SATDSK** [McN81, McN84]. **Satellite** [Hin81, WB82]. **satellites** [Gli82]. **saturated** [McN81, McN84]. **sawtooth** [OS86]. **Saxon** [Cug84, CDN+87, DHD84, HH84, Hir84]. **Saxon-Wood** [Cug84]. **Scalar** [EK86, Klu84b, KS84g, Mar89c, Stu88, vM84f]. **scale** [BLM+88, BBC+89, Car80, CH84c, Duc80, Dun87, GWTM83, Kas82, Man87b, MR87, Pat82, SN84, Sch87a, vM84d]. **scales** [MRC85]. **scaling** [Gad85]. **scan** [MPS81]. **scatter** [Dun87]. **scatter-plots** [Dun87]. **scattered** [KKP82, KPH84, KKP84]. **scattering** [AT84, AP82, AP84, BB84b, BS83, Bar83, BS84a, Bar84e, Bas87b, BTS84b, BT84b, Cha84d, Chi84a, CLS+84, Cop81, Cop84a, Cop84d, Cop84c, Cop84b, CVvWF86, Deu84a, Deu84b, Deu84c, Deu84d, DWC+89, EM84a, EM84b, Fie80, Fun84a, Fun84b, GE88, Gje81, Gro84, Han84d, Ing87, JT84a, KF84, Keg81, Keg84, KKT+88, Lan82, Lan84a, MS84, Moo84h, Nor84a, OM83, OM84, OTB80, OTB84, PSL88, PP85, Ras80a, Ras84a, Rei85, Rei86, RM89, SP87, Sal82, Sal84e, Sin84, Sko84, SS84c, SS84d, Smi84b, Smi84d, ST84e, SR84b, Ste84c, ST82b, ST84f, TTW84a, TW89a, TS89, VM89, WML+82]. **sced** [BLT81]. **SCF** [Cio89, KKP82, KPH84, KKP84, WB84]. **SCF-X** [KPH84, KKP84]. **scheme** [Hla80, Hla84, IR80, ST84b, Wil84b]. **schemes** [Dya86, FC84b, GV87, TL89, WL84]. **Schmidt** [O'C84b]. **Schonauer** [And86, Tru88]. **School** [Ano88-27, Beh84]. **SCHOONSCHIP**

[Wro82, Wro84, GLST89]. **Schrieffer** [MVV83, MVV84]. **Schrödinger** [Bel84a, BVL84, BL88, CR84c, DRRvB82, FV86, FGSH85, Fog84, GS83, Has84, Hay80, HLS84, IR80, Ixa80, IR85, IB87, KP85, LM85, LR84a, Mar84a, MZZ89, PR87, Rap81b, Rap83, RC85, RC87, TV86, VPB82, VPB84]. **Schur** [Eğe82, Ege84]. **Schwinger** [BCCM87]. **science** [Her84a, Her89, Kas82, Wen88, Bra86]. **science-design** [Kas82]. **Scientific** [Tru88, BHSS84, BGM87, Gue89, HGJ+89, Hut89, JHRR87, Nag89, PD89, Pat82, Pla86, PT85, Rea89, YSHK85]. **scientist** [Boc89]. **scintillation** [AGF87]. **scintillators** [GTG81, GTG84, GTM85, GTM87, GTMA88]. **score** [Ott89]. **screening** [DH84a]. **SD** [Ano87-29]. **Search** [O'C84c, AB88, Bas87c, Coo84b, Man83a, Mir84, Smi84d, Smi84f]. **Second** [Duc86, Sil84b, AI88, Aur84b, BBM82, BBM84, Cha84d, Cla82a, DO84, Kal83, Lew84c, MBW89, Mor84c]. **Second-order** [Sil84b, BBM82, BBM84, Cha84d, Cla82a, Lew84c, MBW89, Mor84c]. **section** [AMK81, AMK84, Bet84, BW87, Cap86a, FGK89, KS86b, LW84a, ONP89, SR84a, WMCH84]. **sections** [All84b, BKvLSE80, BKvLSE84, BGS81, BGS83, BGS84c, BGS84a, BGS84b, Bie83, Bie84, Bil84, BTS84a, BTS84b, CLS+84, DL87, FNDL89, Har81, Har84a, Hei84, Hen84, HMS84, JT84a, LJLC84, MMM84, MPR80, MT84b, Nov87, OM83, OM84, OTB80, OTB84, PDNE88, PV84, PS84b, RS81, RS84b, Sal82, Sal84e, Sar84b, Sar84c, Sar87, SAC87, SS84b, SMD84, SG89, Ver89, WL84, vdB84]. **segregation** [BH81, BH84a]. **Seismic** [KSG82, DS82]. **select** [Ten86]. **selected** [TB87]. **selection** [Whi89a, Zal85, HM84c]. **Self** [CCR84b, AI88, BLT81, Des84a, IA80, IA84, LCW84, MC81, MC84b, PIM82, PIM84a, SSS84, WB88, WD84, ZNF87]. **Self-consistent** [CCR84b, BLT81, LCW84, SSS84, WB88]. **self-contained** [AI88, IA80, IA84]. **self-diffusion** [WD84]. **self-improving** [PIM82, PIM84a]. **self-similar** [ZNF87]. **self-supporting** [MC81, MC84b]. **Semianalytic** [Wie85]. **Semiclassical** [Joh88, DP88, ITR+87, MD88, NKS88, Sch88a, Vaz81, Vaz84]. **Semiconductor** [BCD+89, MV83, MV84b]. **semiconductors** [MV81, MV83, MV84a, MV84b, NW84, WW84b]. **semiempirical** [BTWN87, PIM82, PIM84a]. **sense** [Bok84]. **separable** [LM85]. **separation** [MR84b]. **separatrices** [BHM81]. **Sequence** [EBS88, AZK83, CG87, Kno84]. **Sequential** [KCA84, Bir85]. **SERC** [THH82]. **Series** [Ano89h, FK86b, Gri87, Sch86a, Sta87b, Ano82a, CM81a, CM84c, CB88, Del84b, DM88a, Eas84b, Gro89b, Jam84, Nex80b, RA82, RA84, ST84d, Tru88, Ver83, Ver84a, Zlo81, Zlo84c]. **server** [O'N89]. **service** [Ano89a, THH82]. **SESM** [McI84]. **set** [AN87, Ano89h, Bas87b, Com80a, Com84, HD86, Han84a, KC81a, KC81b, KC84a, KC84b, Öpi87, SK82, SK84, SV84, Tau84a]. **sets** [Com80b, FSP87, KS84a, Moo84d, Poo83, Rao81, Rib80, SC89, Tol85]. **SEURAT** [HP83, HP84]. **several** [LBY86, SK82, SK84]. **Shafranov** [LWHH82, LWHH84]. **shallow** [CSC89]. **Shape** [MM82, MM84b, DG89, Jam80, SBFI87]. **shaped** [Hof88]. **shapes**

[Tal82, Tal84a, vM84b]. **sharable** [JN87]. **Shared** [Ott89]. **Shared-memory** [Ott89]. **Sharing** [Rob85]. **shasta** [WBG84]. **sheet** [Uga88]. **Shell** [Ric82, Ric84, All84c, AM84a, AGF87, BDD84, CC89a, Chi84b, DS89, GA84, Hub84a, Klu84a, KL84a, LW84b, MMBW88, MNJL84, Ras80a, Ras84a, Sin84, SK86, Zwa85, KN84b]. **shell-model** [SK86, Zwa85]. **shells** [DHN84, DH84a]. **shift** [CG87, NM84, Smi84e]. **shift-register** [CG87]. **shifted** [Cha80]. **shifts** [KF84, MS84, Ste84c]. **Shock** [KL84b, Ter88]. **shocks** [Ods84]. **shooting** [BL88, CD86]. **short** [BP84c, Fin80, Fin84b, Ste84c]. **short-range** [Ste84c]. **short-Ranged** [Fin84b, Fin80]. **shortest** [Bas87b]. **shortest-path** [Bas87b]. **shower** [Miu87]. **showers** [Che89, GHO+89, Goo84]. **SI** [Cam84e]. **SIGMA** [YSHK85]. **SIGMA-1** [YSHK85]. **Signal** [HRW85, Kri89, SM85a]. **significant** [O'C84c]. **SIGV5D** [MM88b]. **silicon** [BAG+87]. **SIMD** [BMBW85, WMH82]. **similar** [ZNF87]. **similarity** [CC89b]. **Simple** [Vis84a, FAK82, GSS81, Gli82, GMR84b, Jak84, Man83a, Man87b, Sch89c, Ver82, vM84i]. **simplicial** [DMM83, DMM84b]. **simplified** [DL87, FNDL89]. **simply** [KS89]. **Simula** [Phi86]. **simulate** [BSDM88, HR84a, HR86a, HR86b, Rit84a, Rit84b, Rit86, SMMP86, vM84h]. **Simulated** [SNH+88, WDM84]. **simulating** [BS86b, MGMZ84, Odo84a, Odo84d, ZS87]. **Simulation** [AGH+88, AB83, ACC+86, Bai87, BCD+89, BL86, DSM+81, DSM+84, DEW84, FR81, Fin87, Gal81, Jam82, Lea87, LVPG84, LNV84, LB82b, OBLR84, RSP81, RSP84, dBM82, dBM84, ABM89b, AP89, AS89, AGR88, AF82, AF84c, AM81, AMC83, AM84d, AMC84, BB84a, BKJ83, BKJ84, BDK86a, BDK86b, BDK86c, Ber84b, BBH+88, BKHJ83, CMPR88, CNRS82, CM85, Che89, CGG87, Chr84a, Chr84b, CCS89, CMS83, CMS84, CGMS89, CM83, CM84e, DBB84, DMM84a, DM86b, DMM83, DMM84b, DKA85, DD86, Eas86, Eas88, Eas89, EMM81, Fer89, Fin80, Fin82, Fin84a, Fin84b, Fin86, Fre87, GM89, Goo84, GG89, Gro84, Gup88a, Gup88b, HMTO84, IHS+88, JW85, JMS+89, JN85, Kas84, Kir87, Kra86a, Laa86, LTK88, LNS84, MN80, McI84, McN81, McN84, Miu87, MEB88, MT86, MMR89]. **simulation** [MKRJ89, NFH+88, Odo81, Odo84c, RFS89, RSS85, Ryn82, Ryn84, Sal85, Sch86a, SBM+86, Sne85, SV84, SM86, Swi88, Tat80, Tha89, TGA88, TW89b, TW81, Wan87, WD84, YMWW89, Taj86]. **simulations** [AB86, Ano87b, Ano89x, BMR84, BLR82, BLR84, Bin87, BT88, BMG+85, DM87, GHO+89, GWTM83, GDK89, HH82, MMS87, MKH86, Mic87, Moh89, Mül87, MGTD84, Mur88, PBKW85, Pou88a, Rap85, Tou89, Uga88, Voh88, ZHR81]. **simulator** [Keg81, Keg84]. **sinc** [BKK86]. **since** [Van81a]. **Singer** [HVS87]. **Single** [CDN+87, Lew84c, Rei86, DW88, Hub84a, Kal82, Kal83, MLL86, MT84a, Sal87, SDH84]. **Single-particle** [CDN+87, Lew84c]. **single-particle-inclusive** [MT84a]. **Single-phonon** [Rei86]. **single-variate** [Sal87]. **singlet** [BR85]. **singlet-singlet** [BR85]. **singular** [Gad80, Mik80, MP82]. **Sipsol** [Jes84]. **site** [NHK82]. **Skew** [PP85]. **Skyrme** [Sal85]. **slab** [Cop84d, Ede84]. **slabs** [LW85]. **SLAM** [ACR88]. **Slater** [Yur84, AT84, Des84a, DF84, Gol84b, Lab84d, ST84e, WB84].

Slater-Transform-Preuss [Yur84]. **Slater-type** [AT84, DF84, ST84e]. **SLC** [BGGW+89]. **slightly** [Moo83]. **Slit** [Deu84a, Deu84b, Deu84c, Deu84d]. **slot** [DM89a]. **Small** [BC88b, KKLS82, Aur84a, Aur84b, DTE84, Deu84a, Deu84b, Deu84c, Deu84d, ETH84, EA83, EA84, Gli84, LBY86, Rib80, Ste84d, Szé85]. **small-computer** [Gli84]. **smearing** [Deu84a, Deu84b, Deu84c, Deu84d]. **SMOOS** [Zlo81, Zlo84c]. **Smooth** [Ben88]. **Smoothing** [Woo86b, CP81, CP84, DGPM85, Woo86a]. **SNEX** [Wie85]. **Socio** [McI84]. **Socio-economic** [McI84]. **sodium** [ÖW84]. **soft** [Eas89]. **Software** [BAA+87, Boc87, BCC+85, DP89, Dow82c, Dow82b, Kan87, Kun89, Maz89, Nad86b, Ric86, Rob85, Sch86b, Sch88b, Sch88c, Sto89, Wes87, Wil86, WH89, Ano87-29, AW89, BF89, BGGW+89, BGM87, BCVZ89, Cam86, Car88, CNRS82, CMH87, Dob89, FP89, Gau84c, Gou88, HGJ+89, HB85, HR84b, IKM85, Jam86a, JN87, Kel87, Krá86b, LSW87, Mik86, Nev82, Phi86, Pla86, Rob83, Sau85, SEF+89, SSM85, SBB+89, Stu85, Tau85, Vie88, Was85, Zie88, Sch88b]. **Software-safety** [Sch88c]. **solar** [JB80]. **Solids** [vD87a, AF82, AF84c, Fin82, Fin84a, HRB84, HPT80, Laa86, MEB88, PT84]. **Soliton** [HGW86, Sal83b, Sal84f, FOW87, Mak80, MLS81]. **solute** [BH81, BH84a]. **Solution** [CKA89, Cla82b, DW88, IK81, FBS88, FBS89, Hug84, LW84b, Moo83, MZZ89, Par84, WW80, AS83, And83b, And83a, AS84, And84b, And84a, BH85a, Bel84a, BVL84, Bur85b, CSC89, Car84a, Chi84a, CT84b, Col84b, CSW84, Das83, ERB88, GJ84, GV87, GS88, GS83, Hay80, Hou87, HKK84, IR80, IR85, Jam87, Jes84, KP89, KBMV86, KA87, KRSV82, KK83b, KP85, LNV84, LR84a, Mar84a, MP81a, MP84a, Mar89a, Nor84a, PR87, PT86, Rap81b, RC87, Saa89, SA83, SA84, SFB87, SSF+89, TV86, Vaj82, VPB82, VPB84, WMH82, Wie85]. **solutions** [Arn84a, Bas87b, Cre80a, Cre84a, DGL89, Ede84, FBW82, Gaj85, Has84, HKT85, LWHH82, LWHH84, LT87, NN84, Rap83, RG80, RG84, TTM+80, WH81, Art85b]. **solve** [BV80, BH81, BV84, BH84a, BSA86, CL84, Ixa80, SK82, SK84, TSD84]. **solver** [AKS88a, AKS88b, BMR85b, BH82, BH84b, CH84a, Gru80, Gru84b, KS89, PP82]. **Solving** [FGSH85, Tol85, AZK83, BBM82, BBM84, Cha84d, DRRvB82, DWC+89, Gru84a, KS84f, Mor84c, RW84, Rud84, SC89, ST82b, ST84f, Sun88, WBG84, tR85]. **Some** [For89, Goe84, KWPP89, LB82b, Man83b, Man87b, Gaj85, IR85, Sam85, WHD86]. **SOS** [NKS88]. **sound** [Mor84a]. **Source** [KK89, BBR89b, GS89, Hub84d, Pie84b, Sal84b]. **sources** [BS84c, SG89]. **Space** [DR85, CCR88, CM81b, CM84f, DE84, DV85, ET84, GWL89, Gre88, HKT85, HSV84, HLM+87, IKRT89, Jab84, Jad84, KK84a, KSE86, Lan82, Lan84a, LT87, MD82, Mor84e, Net84, OM88, PSL88, PZCC89, PB84b, Sim80, Sim84, Vie88, Vrb89, Wen88]. **space-charge** [DE84]. **spacecraft** [SG83, SG84b]. **spaced** [AAMB84, CM84b, Tor82, Tor84, Wai87]. **spaces** [GS88, Lan80]. **spall** [RS84b, RS81]. **spallation** [RS81, RS84b]. **spark** [BLMU81]. **Sparse** [DR82, Ben82, Ben84a, BH82, BH84b, DWC+89, Nex80a, SG81]. **spatial** [Nog83]. **Special**

[RWK+85, Rea89, KS87a, LS84, Poe85, SG83, TS89, Tru88, SG84b]. **specialised** [VGD+89]. **species** [Rob84e]. **specific** [CNRS82]. **Specification** [Sch85a, Bri86, Gór88]. **spectra** [AP82, AP84, ABG+81a, AK84, AWG84, BB84a, BPA84, Ber80, Bet84, BR85, CT84a, CSC+86, Cli82, DSM+81, DSM+84, FV82, Gal81, GWL89, Gro84, HMS84, HPT80, Keg85, KEMP81, KE84b, KEMP84, KE84a, Lea87, LBY86, MZM+82, MZM+84, MGTD84, PT84, Puf83, Puf84, RA82, RA84, RRG88, RF83, RF84, Sea84a, SMT88, TUB83, TUB84, TM89, Ver83, Ver84a, VDM84b, War84, WS84b, Zlo82, Zlo84a, Zlo84b, dBM82, dBM84]. **Spectral** [DG89, Fia84, Lan84b, Rap81a, HL86, HvRM86, Mar89c, MD88, SLH84, YB86, vM84c]. **Spectro** [Zlo84d]. **Spectro-oriented** [Zlo84d]. **spectrometer** [BPSB88, DSSS86, LLC84, Sau85]. **Spectroscopic** [Ogi83, Ogi84, FS84c, HEL84, Lab84a, Sax84c, Tak85a, vM84b]. **spectroscopy** [FC84a, LBK88, Ste84d]. **spectrum** [DO84, HSA82, HSA84, IR80, Keg81, Keg84, KAR81, KAR84b, LNB+88, Sal84b, SR84b, Szé85, TW83, TW84, WV80, WV84, ZNO88, vM84d]. **speed** [CKV85, Fri88, IKRT89, RSS85, RP89b, RP89a, Run89, SNH+88, SC84, UI85]. **SPH** [Ben88, Mon88]. **sphere** [LNB+88]. **spheric** [Chr84a]. **Spherical** [AM84e, Bra84a, Cla82b, CRL+89, DS89, Del84b, ELS88, HR87, HKK84, JT84a, KP85, MW84b, MW84c, Tal83, Tal84c, WS82, WS84a, dB82, dB84, Fin80, Fin84b]. **spherically** [SL83, SL84, VČ88]. **spheroidal** [BC83a, BC83b, BC84a, BC84b]. **Spin** [Lan84a, NHK82, ABM89b, AB83, BC88a, Bas87a, BZ84, BSDM88, CMR86, CGG87, DG84, ENSC86, FAK82, HDK84, Hei84, HMTO84, Hub84a, JW85, KF84, KS87a, Klo84b, Lan82, MV83, MV84b, MGTD84, PSL88, PP85, SM84a, Sax84c, SDH84, ZHR81, vMF81, vMF84, vM84g, Ste84b]. **spin-dependent** [CMR86]. **spin-echo** [vM84g]. **Spin-glass** [NHK82, HDK84]. **SPIN-HAMILTONIAN** [Ste84b]. **spin-orbit** [Klo84b, MV83, MV84b, PP85, Sax84c]. **spin-orbitals** [BZ84]. **spin-spin** [ENSC86]. **spins** [Coo84b]. **Spitbol** [WC85]. **Spline** [CP81, CP84, AAMB84, BD80b, BD81, BD84c, Cha82, Cha84c, CM84b, Fie80, Fie81, Fie84, FV81, KRS83, Tor82, Tor84]. **spline-based** [BD80b, BD84c, FV81, KRS83]. **splines** [Bok84, PJ89, PS84c, SBFI87, WSV88]. **SPLIT** [RWZ87]. **SPMD** [JMS+89]. **Sponsors** [Ano84-86, Ano85-29, Ano86-36, Ano89i]. **spontaneously** [Uga88]. **Springer** [Ano89h, Eas84a, Eas89, Fin87, Man86, Sch86a, Sta87b, Eas84b]. **Springer-Verlag** [Ano89h, Eas84a, Eas89, Fin87, Man86, Sch86a, Sta87b]. **sputtering** [Abr88]. **SQSIMUL** [BSdlT87]. **square** [DSK83, DSK84b, Luc84, Moo81a, Moo84a]. **squares** [Bok84, CAP86b, Han84f, LM84, O'C84b, RFSG84b, Sha87, WS84b, Woo86b, vM84c]. **squeezing** [BSdlT87]. **SSOR** [Cam84e]. **SSOR-SI** [Cam84e]. **Stability** [GKM+81, ABG+84, Atz86, BLM+88, BHM81, DM86b, Eas87b, Fro84c, GR81, GV87, GTB+81, GPS+81, GTB+84, KT81, Lis84, MLS81, MGD81, SS81, TTAT81, TAK+85b, TTM+80]. **Stability-beta** [GKM+81].

stabilization [Arn84a]. **Stable** [BD82, BD84b, Man83a]. **stage** [MC84a, VKM+82]. **Standard** [Hal88, Red88, Sta87a, CR84d, DK82, KKLS82, Lid84b, Met87, Odo84d, Sal84a, Tar86]. **standardization** [Met89, Sch88b]. **standardized** [Ver89]. **Standards** [Mye89, Rim81, Hop85, Osl88, Van89]. **star** [BM84b, HEL84, HE84b, He84a]. **stark** [Nai84]. **Starnet** [BCC+89]. **stars** [Mik84]. **State** [Gri87, And84c, Cug84, DW88, DeV84, FCW84, Fie80, HDK84, HR87, ITR+87, KP85, LW84b, LR84a, Mac89a, Mor84b, MZZ89, NF83, NF84, PM80, PM83, PM84a, PM84b, Smi84c, Son88, Tal84b, VPB82, VPB84, ZC84]. **statements** [Sal84a]. **states** [ANP+85, BC88a, Bra84c, Bra84b, BF84, CCR84a, DK87b, DHD84, Eks84, FGSH85, GWL89, HKT85, HH84, Hir84, KW84b, Lab84a, Lid84b, LT87, Ogi83, Ogi84, SM84a, SM81b, SM84e, SM85c, SM85e, Tal84b, WS80, YP88, YP89]. **Static** [Mat87, Rin84, BSA86, CMR86, FT84a, FNDL89, Gia84, Han84b, MLL86, Ras80b, Ras84b, SNC80, SNC84, VH87]. **stationary** [Ede84, WW80, Zlo81, Zlo84c]. **stations** [Rei89]. **Statistical** [Chi89, FR86a, ACC+86, Cha84b, CCD85, Har81, Har84a, KN86, Lee89, Zlo81, Zlo84c, ZHR81]. **statistics** [BSdlT87, Cot87]. **Status** [DL89, Ken89a, Mon87]. **Stauffer** [Eas89]. **steady** [FCW84, KW84b, NF83, NF84, Son88, Tal84b, ZC84]. **steady-state** [ZC84]. **Steed** [Bar82, Bar84b]. **steering** [BE89]. **STELLA** [SG83, SG84b]. **stellar** [Hub88]. **stellarators** [Dom86]. **step** [IR85, RC85, Zal88]. **stereographic** [Pre84b]. **stereophotographs** [AN88]. **stereoscopy** [KR81]. **stiff** [PP82]. **still** [Her89]. **stimulated** [LVPG84]. **Stlplt** [CA84]. **STO** [Jun81, Jun84]. **Stochastic** [ASS82, Pon81, HLM+87, RG86]. **stochastisation** [EPS81]. **stokes** [LBY86, Gaj85, KP89, YB86]. **stopping** [DM86a]. **storage** [Cio89, Lan87, Nas84, VVM84, Vis84a, Vis84b, Wil81, BJ81a, BJ84a, HM84d]. **store** [Jac85b, TVD87]. **straggling** [CJ84]. **straight** [GPS84, Pet84, PS84b]. **strategies** [Fri88, KWPP89]. **strengths** [Ata85, CRH+89, Cla84, Duf84, FS84d, God84, Hib84c, Sar84a, Sar87]. **stretching** [MN80]. **Strimp** [SVP86]. **String** [CMS84, CMS83]. **strings** [MMR89]. **strip** [MS87b]. **strong** [HKT85, LT87]. **strongly** [vM84c]. **Structure** [BMBW85, Sch89c, BB84a, BAG+87, BR85, De 84b, DWVH89, DPH82, DPH84, DGJ+89, FKM+87, GH84b, Gra84b, Gra84c, Han84b, Han84d, HA82, HA83, HA84b, HA84a, Hib84b, Hib84a, Hib84d, Hib84e, Hof84b, HM84c, HM84d, HM84e, HRB84, Isl81, Isl84a, Kan87, KS87a, KN84c, KN84b, Lad86, MV81, MV83, MV84a, MV84b, Mik84, Mir84, Nai84, Nai86, NJ82, NJ84, Odo82, Odo84b, RP89b, RP89a, Sal83a, Sal84d, San82, San84, Sar84b, Sar84c, Tep84, VSP86]. **Structure-from-motion** [BMBW85]. **structure-matching** [Hof84b]. **structured** [Kel87, Ken89b]. **structures** [Ber84a, CF85, DK82, KM82, KM84b, MZM+82, MZM+84, Put89, Rea89, Sch89a, Sch88c, TGA88, Wil88]. **studies** [Atz86, HR81, HWL89, LCH+81, SS81]. **Study** [MP82, BKD83, BKD84, BP84c, Cha84d, Mic87, OSF86, RMV89, ST89a, Sta87a, ZR89]. **studying**

[SVP86]. **Stuttgart** [Rue89]. **sub** [Smi84a]. **sub-millimeter** [Smi84a]. **subgroup** [PZCC89]. **subgroup-symmetry** [PZCC89]. **Subject** [Ano84-87, Ano87-28, Ano88-36, Ano89-32, HE84b]. **submitting** [Van89]. **SUBMMW** [Smi84a]. **subprogram** [Bru85, Bru86]. **Subprograms** [AS83, And83b, And83a, AS84, And84b, And84a, SA83, SA84, FM85, Jes84]. **Subroutine** [Sta84, Bok84, Col80a, Col84a, DD85a, GMR84b, LB82a, MCJ81, MCJ84, Mor84b, Rys84, Smi84b, Smi84c, Smi84e, Smi84f, TTT84, Tal83, Tal84c]. **Subroutines** [DM88a, DM88b, Nob80, Nob84, May81, May84, SV84]. **subset** [Rom81]. **subspace** [KPP+89, TV86]. **substitution** [CL84, Lew84c]. **substitutions** [MP81b, MP84b]. **Successful** [Mar89b]. **Successive** [Got83]. **sudden** [ONP89, SAC87]. **suitable** [CWS83, CWS84, De 88]. **suite** [Jes84, SBB+89, TM89]. **suited** [Aue84]. **sum** [AF82, AF84c, Fin82, Fin84a, Lee89]. **Summary** [Ano84-82, Ano84-83, Ano84-84, Ano84-85, Beh84, Ano88-27, Boc89, Nas87a, Wic87]. **summation** [CT84b, Di 87, HM81, HM83, HM84a, HM84b]. **summations** [Klo84c, Rob84a]. **Summer** [Ano88-27, Beh84]. **Summing** [CB88]. **sums** [Bro83, DM88a, HM81, HM83, HM84a, HM84b, Lew84c, May81, May84, RWZ87]. **Super** [Dav89]. **Super-matrix** [Dav89]. **Supercomputations** [Tou87]. **Supercomputer** [BBC+89, DGL89, BM85a, Pou88b]. **Supercomputers** [BMR85c, Duf85, Gup88a, IKM85, Meu89, MR86, MR87]. **supercomputing** [LGG+87, Tru88]. **superconducting** [ABD82, ABD84]. **superconductors** [MMR89]. **Supergravity** [GK80]. **supermatrix** [Ben82, Ben84a]. **supernode** [Fli89]. **supernova** [Mül87]. **superposition** [RW84]. **Supersymmetry** [GK80]. **Supervector** [MMM85]. **supplement** [Bas88]. **support** [Nag85]. **supporting** [JN87, MC81, MC84b]. **Surface** [MS88, BDJ+89, DD86, EHH88, FLM84, GS83, MS85, MS87a, MR80, MR84a, PDF84, RP89b, RP89a, SP87, PDF82]. **surfaces** [Cha82, Cha84c, DP84, HPT80, OT80, Ols83, OT84, Ols84, PDF82, PDF84, PT84, RRG88]. **survey** [Phi80]. **susceptibility** [vM84e]. **Suydam** [GR81]. **switching** [Joh88]. **Symbolic** [CT89, AB88, DVD87, DFD81, DFD84, HD89, KPPR84, SMM89, VČ88]. **symbols** [Sha84]. **Symmetric** [Hub84e, Hub84f, AS83, And83a, AS84, And84a, Cam84f, DEW84, EC84, Gad85, HC86, JT84a, MG84, MW84a, SM84b, SF84a, SM81a, SM81b, SM84d, SM84e, SL83, SL84, VČ88, Wil84a, ZC84]. **Symmetries** [EFK85, Sch82b, FK86a, Ito86, Ros85, Sch84b, Sch84c]. **Symmetrization** [RS84f]. **Symmetrized** [HRB84, HM84e]. **symmetrizing** [KPP81, KPP84b]. **Symmetry** [De 84b, HM84c, HM84d, HM84e, Atz86, BDD84, CCS89, JT83, JT84b, MSFR89, Nog83, OCC80, OCC84, PZCC89, PI84, Ská81, Ská84, Ste84b, dBM82, dBM84]. **symmetry-Adapted** [JT84b, JT83, Ská81, Ská84]. **Symposia** [Ano82a]. **Synchrotron** [Rei89, Lan84b]. **synthesis** [Col88]. **System** [ST89b, AN88, AW89, BGMM81, BO80, BHSS84, BCKO89, BAA+87, BC87,

BBR89b, Buc85, BJ81a, BJ81b, BJ84a, BJ84b, Car80, CDW82, CDW84, CMH87, CgYpXh85, Cis87, CDF+89, CSMHT88, DCC84, Del87, DSSS86, Dob85, DWVH89, EK84, Eck84, ERLD87, GAA+87, GHO+89, GSS81, Gli82, Gli84, GLST89, HAG+89, HHK86, HA82, HA83, HA84b, HA84a, HGK+81, Her82b, Hoa89, HS84, HSA82, HSA84, IKRT89, IA86, Jac85b, Jac85a, JR84, JM82, Kas82, KKLS82, KEMP81, KEMP84, KRSV82, KS86a, Lid84b, LEF+89, LBK88, MLS84, MLo84, MPS81, MP81b, MP84b, MM88a, Moo83, MP89, OL88, OY80, PF86, Per87, PFGP82, QTZ+87, QAD+89, Rom81, Rus86, Rys87, SEF+89, Ska82, Sko89, Sli89, SdAD+88, Str87, Suf89, TTT87, Tri84, Van81a, Ver84b, Via87, WV89, WH89, YFL87]. **system** [ZS87, Gou88]. **systematic** [Kal82]. **systematization** [Ezh84]. **Systems** [Bur85b, LB82b, Mik80, MB83, Sch86d, Abr88, ABM89b, ACC+86, BMR85b, BCFK85, BS83, BS84a, Blo82a, Blo82b, BKHJ83, BCC+85, BC88b, CL84, Cam85, Cam86, CHS87, CKA89, CLS+84, CH84d, DW89, DM88b, DV85, Eld84, Ghi87, GV89, Gór88, Hoe86b, JA80, JA84, KS84f, Laa86, LSW87, Man83a, Man87b, May81, May84, Moo84h, MB84, Mou87, Nie88, NKS88, Nov87, Öpi87, PDF82, PDF84, Put89, Ros84a, Ros84b, Sch85c, Sch86c, Sph87, WwYpCg88, Whi89b, YpMzCeCg85, Zal85, ZHR81]. **Systolic** [RFS89, Män89].

T [Eas84a, Rob85, CM84a]. **T-X** [CM84a]. **T.Node** [Fli89]. **table** [Ano88-35]. **tableaux** [SM84b]. **tables** [Ber87b, SM81a, SM84d]. **tagging** [BDK86c, WPVS89]. **tail** [TW89a]. **take** [Rob84d]. **taking** [HK83, HK84b, Wil89]. **Talmi** [YpMzCeCg85, Zoh84]. **TANAGRA** [Ber87c]. **tandem** [ABD82, ABD84, CO86]. **tape** [BJ81a, BJ84a]. **tapes** [Gol84a]. **target** [CW84c, Hub84d, Keg85, MPM83, MPM84, MS84, MC81, MC84b]. **targets** [Atz86, KF84]. **tasking** [Gib85]. **Tau** [CM84a]. **Taylor** [Eas84a, CM88]. **TDA** [TW89b]. **TDPOIS** [Hou87]. **Tearing** [KT81, EPS81]. **Technical** [AGG+82, Zlá80]. **technique** [CD86, DeG88, Got83, MV81, MV84a, RP89b, RP89a, Sta89, Tro84, ZHR81]. **Techniques** [Ano88-27, Ano89h, Lis88, Bri86, CMH87, EA89, FMS87, HB88, Kel87, KS87a, MMS86, MN80, SG81, Vie88]. **technologies** [Dew82]. **technology** [Her84a, Her88b, McI84, Wil81]. **technology/resources** [McI84]. **telecommunications** [Str87]. **TEM** [BKD83, BKD84]. **temperature** [BMS87, BCCM87, GH83, GH84a, MVV83, MVV84, MV87]. **tension** [CMS83, CMS84]. **Tensor** [RP89b, RP89a, Cha84e, Coo84b, FS84c, Klo84c, Klu84b, LB84, LR84a, LR84b, MZZ89, Rob84a, Sax84b]. **terabyte** [TVD87]. **terminal** [Ghi87]. **terms** [Lab84b, ZC84]. **terrain** [Ruf85]. **test** [DK87c, MRT89, Red88]. **Tests** [Hla86, ZHR81, Cha84a]. **tetragonal** [Ste84b]. **Tetrahedral** [SMC81, SMC84, HC88]. **text** [Day84b, Tau81, Tau84b, Van89]. **Textbook** [AHVV86]. **Thalia** [ABG+84]. **their** [AI86, Bar82, Bar84b, Gau81, Krá86b, Lee82, Lee84, MKS83, MKS84, PJ89, RW85, Sch82a, Tou89, Was85]. **theorem** [VČ88]. **theoretic** [KR88]. **Theoretical**

[Fin87, ABMT84, BMR85c, Fog82, HM84d, Kas82, Smi84a, WW84a, WW84c]. **theories** [AMC83, AMC84, BMR84, BLR82, BLR84, CCS89, DM87, DMM83, DMM84b, KR88, MMS86, MT86]. **Theory** [ST89b, Ano87b, Ano89x, AM81, AM84d, BB84b, Bai87, BM82a, BM82b, BM82c, BCM83a, BM84a, BMR85a, CM85, CGGK85, CMS83, CMS84, Cre80a, Cre84a, CSW84, CM83, CM84e, DMM84a, EMM81, GLST89, ITR$^+$87, Ken89a, KLS$^+$89, KM85, Lew84c, MLS84, MLo84, Mac89b, Mak80, MS84, MB83, MHP84, MB84, MR86, MR87, NN84, III88, ST84e, Son88, Tat80, VBD88, WP84]. **thermal** [BS84c, Cop81, Cop84a, Cop84d, Cop84c, Cop84b, CVvWF86, Sal84b]. **Thermally** [BLB88, LVPG84]. **thermodynamic** [SNH$^+$88]. **thermodynamics** [Lad86]. **thermophysical** [Eck84]. **thick** [Keg85, KK84b, Tal82, Tal84a]. **thin** [Hub84e, Hub84f, OM88, RS83, RS84d, Sko84, VM89]. **Third** [Ras80b, Ras84b, Ano80g, BCKO89, CDF$^+$89, Sil84b, Wil84c]. **third-level** [BCKO89]. **third-order** [Sil84b, Wil84c]. **Three** [HvRM86, MKH86, Tre88, AKS88b, Ass84, BSDM88, BWD84, BDD84, Bra84b, CgYpXh85, CMM84, CM86, CMO86, DM89b, EHL80, EHL84, FBW82, IK81, GTL$^+$86, HH82, HL86, Hou87, KJ85, KR81, MLL86, MR84b, NR86b, OT80, OT84, Per89, PT82, Pis84a, Pis84b, RR84, RG86, Sch81, Sch84d, She84, TW89b, YFL87, dB82, dB84, Aue84]. **three-body** [Ass84, Bra84b, YFL87]. **Three-dimensional** [HvRM86, MKH86, Tre88, BWD84, CMM84, CM86, CMO86, DM89b, EHL80, EHL84, IK81, GTL$^+$86, HL86, Hou87, KJ85, KR81, NR86b, OT80, OT84, Pis84a, Pis84b, RR84, RG86, Sch84d, She84, TW89b]. **three-fluid** [FBW82]. **three-open-shell** [BDD84]. **threshold** [Bor82, Bor84]. **tidal** [HE84b]. **tightly** [HBF$^+$85]. **Time** [AEH87, Rus87, vTBF84, Bir85, FS82, IK81, FMS87, GM89, GS89, GSS81, Gli82, Gór88, HAG$^+$89, Has84, Keg81, Keg84, Ken89b, LZ84, Mag81, Mag84a, MF81, MRC85, MC84a, Rob84e, Sch86b, Sch88b, Sch88c, SM85a, Sne85, WMN85, Zal88, ZL84, Irv82]. **time-dependent** [IK81, GS89, Has84, LZ84, Mag81, Mag84a, MF81, MC84a, ZL84, Irv82]. **time-filtering** [WMN85]. **time-of-flight** [Keg81, Keg84]. **Timer** [HR84b]. **timesharing** [MM88a]. **timestep** [Fin86]. **timing** [HR84b]. **tissues** [Wie86a]. **Titel** [Ram85]. **Title** [DW88]. **TL** [CAP86b]. **Tlaser** [DST84b]. **TLEED1** [RP89a]. **TLEED2** [RP89b]. **together** [Boc89]. **toil** [MMM85]. **tokamak** [BSV$^+$85, EP86, Hof88, IFI84, JBWW86, KBMV86, LCH$^+$81, MGK86, OS86, SVP86, OY80]. **Tokamaks** [AHS$^+$86, MPIM86, KM86, OCS86, PPHS86, Sch83]. **Tokyo** [Fin87, Man86]. **tolerant** [MD81]. **tomography** [Cha82, Cha84c]. **tool** [BCVZ89, Col88, Die88, Sch89a]. **Toolpack** [IH86]. **tools** [Buc85, Gat89, IKM85, Mik86, Mou89, Tau85]. **top** [JT83, JT84a, JT84b, Sea84a]. **Topic** [BSV$^+$85]. **topics** [Tru88]. **topological** [KLS$^+$89, MT86]. **topology** [ACD88, EPS81]. **tops** [MW84a, MW84b, MW84c, Wil84a]. **TORINO** [DP88]. **tornadoes** [CCR88].

toroidal [BWD84, Cap86a, CHL+81, EPS81, GPS+81, HP83, HP84, KP84, MGD81, Mik84, Sch81, Sch83, TAK+85b]. **torus** [TS84b]. **torus-ion** [TS84b]. **total** [BGS81, BGS83, BGS84c, BGS84a, BGS84b, Sal82, Sal84e, SS84b, SMD84, SR84a, WB84]. **traces** [CDW82, CDW84]. **tracing** [KBMV86, MCA87, PJ89]. **Track** [AL81, BO80, BSP84, Bil89, GDH+89, Hau87, Sta89, TA89, VKM+82]. **trackfinder** [Beh81]. **tracking** [Ves89]. **tracks** [Per89]. **traditional** [MRT89]. **trajectories** [BT84b, HIM84, HSV84, Pia84]. **Trajectory** [vdM84a]. **Tranal** [KPPR84]. **Transfer** [KK84b, But84, FKU+84, HKK84, Mal84, MPM85, MP89, Nob80, Nob84, PV84, Sal82, Sal84e, Tak85a]. **Transform** [Yur84, BRB89, Can81, Joh87b, Jun81, Jun84, SM89a, SM89b, Tau80, Tau84c, Zie88, CH84b, Dya86, GT83, GT84, Mar84b]. **Transformation** [GTR+81, BMV83, BMV84, BM85a, CgYpXh85, Dec89, Gro89b, SZ84, SG84c, WwYpCg88, WSV88]. **transformations** [BM85b, Dya86, O'C84b]. **transforms** [BBR89a, CRS87, CT84b, Col84b, MN88, NR86b, NRS88, Tal83, Tal84c, NR86a]. **Transient** [MRC85, MMF81]. **transients** [Kam86]. **transition** [BCFK85, BTS84b, BF84, CFG+88, GPS84, HK83, HK84b, ITR+87, Nai84, Nai86, OTB80, OTB84, Pia84, PS84b, RMV89, Wil84b]. **transitions** [Bil84, Bil87, DK87b, Kar80, Kar84a, Rid82, Rid84b]. **translation** [KPPR84]. **translations** [SMD84, Tau84d]. **translator** [Bai86]. **transmission** [Deu84c, Deu84d, ENSC86, Hin81, MR80, MR84a, Ver89]. **Transparent** [CGM89, Ugn80]. **Transport** [OS84, Tho84, Cha85, ELS88, GHU81, HBJ84, HP83, HP84, HWL89, KK84b, Lux80, NA84, Red88, RG80, RG84, SPM+88, SL83, SL84, TSD84, WMCH84, WH85, Wie85, Wie86a, WHW87]. **Transputer** [GH87, ACC+86, BBD+89, GHO+89, HRW85, Hey88, Hoe89]. **transputers** [BBC+89, CGM89, HD88, Hey88, Hey89, RFS89, SMR87, WV89, WH89]. **transverse** [MGN80, MGN84]. **trapezoidal** [CT84b]. **TRAPS** [HRW85]. **traversing** [RS83, RS84d]. **Trax** [Ves89]. **Trax-I** [Ves89]. **treating** [Fie81, Fie84]. **treatment** [AN88, Fie80, GPS84, KSE86, NFH+88, Pia84, PS84b]. **tree** [Joh85, PD89, Vis84a, Vis84b]. **trees** [Mur88]. **Trends** [Gai89, Mas81, Wil81]. **triangular** [BCCM87]. **Triatom** [Ten86]. **triatomic** [Sch88a, SMT88, Ten84b, Ten86, TM89]. **triatomics** [RRG88, Ten83, Ten84a]. **triaxial** [Fle81]. **tridiagonal** [MP81a, MP84a]. **tridiagonalization** [Hay89b, PT82]. **Tridyn** [MEB88]. **Tridyn-binary** [MEB88]. **Trigger** [Fra81, BCKO89, BGGW+89, CDF+89, DGK+81, Gje81, Jac82, Män89]. **triggering** [TA89]. **TRIP** [Mag84a]. **triple** [Jam86b, Nog83]. **triple-excitation** [Nog83]. **triply** [MW84c, WS80]. **triply-excited** [WS80]. **TRISTAN** [Kan87]. **trivariate** [DU89]. **TRP** [GDH+89]. **TSDC** [CAP86b]. **tube** [SS81]. **TUBE88** [MMO89]. **tunneling** [ITR+87]. **turbulence** [CCR88, Pou88a]. **twin** [SDH84]. **twist** [CM88]. **TWISTER** [Ing87]. **Two**

[Ano89h, CFG+87, DVD87, EBS88, GTL+86, GRRP83, GRRP84, HA83, HA84a, Lew82, Lew84a, Luc84, May81, May84, Ods80, SM89b, TVD87, TT89, AKS88a, AMK81, AMK84, AWB82, BC88a, Bas87a, BZ84, Ben82, Ben84a, BDK86a, BDK86b, BDK86c, Bra84c, Cho84, Chr84b, CW84c, CH84a, CDN+87, DK87b, De 84c, DH84b, DP84, EEV89, FKU+84, Goe81, HC83, HC84, HIM84, JA80, JA84, Jam84, Jun81, Jun84, KS81, KS84b, KM82, KM84b, LK88, LR84a, LR84b, Mar89c, MN80, MMK81, MMK84, MMTK88, MZZ89, NR86b, SCF86, Tak85a, WBG84, YFL87, Zlo84b]. **Two-** [GTL+86, NR86b]. **two-body** [AMK81, AMK84, Bas87a, Bra84c, EEV89, HIM84]. **two-centre** [Jun81, Jun84]. **two-centre-type** [CDN+87]. **two-cluster** [KM82, KM84b]. **Two-dimensional** [Lew82, Lew84a, Luc84, Ods80, CW84c, AWB82, Cho84, CH84a, DH84b, Goe81, LK88, MMK81, MMK84, MMTK88, WBG84, Zlo84b]. **Two-electron** [EBS88, Ben82, Ben84a]. **two-layered** [Chr84b]. **two-level** [MN80]. **two-nucleon** [FKU+84, LR84a, LR84b, Tak85a]. **two-nucleons** [MZZ89]. **two-photon** [BDK86a, BDK86b, BDK86c]. **two-volume** [Ano89h]. **TWODEPEP** [SFB87]. **type** [AT84, CDN+87, DF84, DH84b, HKS83, HKS84, Mat84, SS84b, SMD84, SR84a, ST84e, TT82, TT84].

UA1 [CDF+89, Sph87]. **ucg** [KPP84a]. **UCL** [BES+87, LLA+89]. **UFMulti** [AW89]. **UK** [Gau84a, Gau84c]. **Ultrafast** [Wan87]. **ultrasonic** [LNV84]. **unaligned** [Eks84]. **uncertainty** [AGF87]. **underdense** [MCJ81, MCJ84]. **unequally** [AAMB84, CM84b, Tor82, Tor84]. **unfolding** [RS80, RS84c]. **UNIDFT** [CRS87]. **unification** [BMG+85]. **Uniform** [IK85, CT82, Ito86, Rib80]. **uniformly** [Wai87]. **UNIMOL** [Ryn82, Ryn84]. **unimolecular** [Ryn82, Ryn84]. **unit** [CDF+89, FR84]. **unitary** [ADO84a, GS88, KS84a, KS87a, SM85c, SM85b, SM85d, SM85e, TS84a, Tho87]. **united** [Lid84b]. **universal** [BPSB88]. **University** [AGG+82, Duc86]. **UNIX** [CGMS89, MM88a, Wie89, WBV+89]. **update** [Jac85b, SB87, VSP86]. **updating** [Dec89]. **UPEAK** [Zlo84d]. **upstream** [Ter88]. **upwind** [EFES83]. **US$39.50** [Rob85]. **US$45** [Art85b]. **US$69** [Art85a]. **USA** [DL89]. **Use** [BG81, CMH87, CN87, DGK+81, GB87, Gro89a, HBM89, Hoe89, Moh89, QTZ+87, SN84, And86, Ano87-29, BBD+89, Car88, CGM89, DG89, Duf85, Dun87, GJ84, Gau81, Gau84c, Her84a, Jam88, KBMV86, Lan87, MTN+82, Meu89, Nex80b, PJ89, Pou88b, RW85, Tar86, Tau84a, Van89, WV89]. **used** [Put89]. **useful** [Got83]. **User** [Sko89, Vis84b, AD84]. **User-friendly** [Vis84b]. **User-oriented** [Sko89]. **Users** [EK84, Pis84b]. **Using** [FR81, FP89, GK80, Par82, Pur82, WB82, AT84, All84b, AF82, AF84c, ABG+84, AN88, BKvLSE80, BKvLSE84, Bas87b, Bas87c, BBC+84, BBL+84, BES+87, BKD83, BKD84, BM85b, BT88, CWS83, CWS84, CSC89, CC89a, CC89b, CH88, CT89, CGG87, CD86, CGMS89, DFOP89, FK86a, Fin82, Fin84a, Gaj85, Gel85, Gro89b, HD88, HRS81, HRS84, HvRM86, Hof84b, Jes85, Kal82, Kar80, Kar84a, Kel87, KMS88, KSG82, KN84c, LLA+89, LZ84, LTK88, LBK88, Luc84, MT81, MS84, Mic87, MC81, MC84b, Nas84, NJ82,

NW84, NJ84, Nie88, Nog83, NKS88, O'C84b, PP85, Pis84a, Pre84a, RFS89, Rao81, Rap85, Ros85, Rus86, Sal82, Sal84e, SMR87, ST84e, Tat80, Ten84b, TBB87, Ves89, VČ88, VSH83, WMH82, ZL84]. **utility** [BS86a, CR84d, HRL84]. **UV** [BPSB88]. **UV-VIS** [BPSB88].

V [Eas89, WS80]. **V103** [HW84b]. **V2** [Ost85]. **V2/64** [Ost85]. **V4** [TTT84]. **vacancies** [WD84, WDM84]. **vacuum** [Dom86, TBG80]. **valence** [BZ84]. **value** [CR84d, EHH88, MP82]. **values** [ADV81, ADV84, DK87a, Hub84a, RFSG84a, RFSG84b]. **vanishing** [Arn84a]. **VANVLK** [III88]. **Variable** [ASM84, ASM80, ADV81, ADV84, DW88, HEL84, HE84b, RC85]. **variables** [De 84c, HD89, Hel80, Mor84e, NP84, O'C84c]. **Variance** [Lux80]. **variate** [Sal87]. **variation** [Rob84e]. **Variational** [BWD84, Lao84, AT84, CH88, DHD84, ITR$^+$87, Pon81, Rud84, SC89, TT89]. **variationally** [STN89, Tal89, Ten83, Ten84a]. **various** [Dya86]. **Vavilov** [Sch84a]. **VAX** [CHS87, Ghi87, Gro87, Hoe89]. **VAX-FPS** [Gro87]. **VAX/VMS** [CHS87]. **Vector** [DW84, Eas87a, FR81, Har89, KP81a, MTN$^+$82, Nus84, And86, BA86, CNRS82, CN84, Cli82, DD85a, Gue89, HH82, HD86, Hoe86b, HVS87, Hou87, KK88, Klu84b, KS84h, Lee82, Lee84, MMM85, MBW89, MHP84, MMR89, NFH$^+$88, Nev82, Per82, Sch89c, SSM85, Sch85c, SW80b, SW84, Tem82, Tol85, Tru88, UI85, VSH83, VH87, vdV89, Bra86]. **vector-coupling** [SW80b, SW84]. **vector-multiplication** [Cli82]. **vector-processing** [DD85a]. **vector-processor** [Hou87]. **Vector33** [Har89]. **Vectorised** [GM89, Fin82, Fin84a]. **vectorizable** [BH82, BH84b]. **Vectorization** [CMO86, Gup88b, Hau87, Miu87, TKS$^+$85, VSH83, Cha85, Mar89b]. **Vectorized** [GDK89, HSV84, ACR88, BM82a, BMR84, BSDM88, CMR86, CMPR88, Car89, CGGK85, CGB$^+$89, KLS$^+$89, MKRJ89, NR86b, NRS88, VH87, Voh88, Wan87, YMWW89]. **Vectorizing** [BM82b, BM82c, BM84a, EBS88]. **vectors** [CLS88, HM84c]. **Vectra** [Jud87]. **Verkerk** [BD81]. **Verlag** [Ano89h, Eas84a, Eas89, Fin87, Man86, Sch86a, Sta87b]. **Versatile** [BPA84, KE84a, Sar84c]. **Version** [DWVH89, KKP82, KKP84, AI88, BS87, BBL$^+$84, Bru86, Chi84a, Chi84b, CGB$^+$89, Cre81, Cre84b, DTE84, DCC84, Fin82, Fin84a, Fli89, FBS88, FBS89, FS84c, Fun84a, Fun84b, Gia84, Gra84c, Hib84e, Jud87, KE84b, LS84, MS87a, Moo84f, NAS87b, OTB80, OTB84, PCL89, Puf83, Puf84, Ras80b, Ras84b, Sax84b, Sax84a, Sax84c, SH82, SH84, Sjö86, SB87, Tho87, VDM84b, War84, WW84a]. **versions** [MLL86]. **versus** [Mye89, Ott89, Sch84d]. **vertex** [MS87b]. **Very** [SRS85, BMR85b, CH87, CGG87, Di 87, RSS85]. **VF** [Suc87]. **VI** [Car84a, MBW89]. **via** [BCCM87, Rit84b, Ste87, Taj86, WD84]. **VIASKL** [AGF87]. **vibrating** [Sch88a]. **vibrating/rotating** [Sch88a]. **vibration** [Bou87, CLS88, Ogi83, Ogi84, RRG88, SMT88]. **vibration-rotation** [RRG88, SMT88]. **vibration-rotational** [Bou87, Ogi83, Ogi84].

Vibrational [Mag84b, Bil84, Bil87, BOT86, CH87, CH88, CRH+89, DK87b, EHH88, FH88b, FE88, Joh88, LNB+88, ST81, ST84a, SK82, SK84, Ten83, Ten84b, Ten84a, Ten86, TM89, TSD84, TTL88, WB88, YP86]. **vibrational-rotational** [DK87b, EHH88]. **vibrationally** [JT84a, Nov87]. **vibrations** [BWBL88, HC88, WW84c]. **video** [JHRR87]. **Vienna** [Kil80]. **view** [Gri89, SG83, SG84b]. **Vieweg** [And86]. **views** [OT80, Ols83, OT84, Ols84]. **Viking** [KGAL88]. **Ville** [Zie88]. **virtual** [DO84, GWTM83, TW83, TW84, WV80, WV84, ZNO88]. **VIS** [BPSB88]. **viscosities** [Mor84a]. **viscous** [Ede84]. **vision** [BMBW85, HGJ+89]. **visual** [AMB84]. **visually** [ABMT84]. **VLAM** [SNC80, SNC84]. **Vlasov** [ERB88, IGB+89, NBI+85]. **Vleck** [III88]. **VLSI** [Jes85]. **VM** [CHS87, McC87]. **VM/CMS** [CHS87, McC87]. **VMOMS** [LWHH82, LWHH84]. **VMS** [CHS87]. **Vogelaere** [CM84d]. **volume** [And86, Ano80b, Ano80c, Ano80i, Ano80j, Ano80t, Ano80u, Ano81a, Ano81b, Ano81c, Ano81d, Ano81h, Ano81i, Ano81j, Ano81k, Ano81u, Ano81v, Ano81w, Ano81x, Ano82d, Ano82e, Ano82f, Ano82m, Ano82n, Ano82o, Ano82-28, Ano82-29, Ano83b, Ano83c, Ano83d, Ano83e, Ano83f, Ano83g, Ano83p, Ano83q, Ano83r, Ano84d, Ano84e, Ano84f, Ano84j, Ano84k, Ano84l, Ano84-79, Ano84-80, Ano84-81, Ano85b, Ano85c, Ano85d, Ano85e, Ano85h, Ano85i, Ano85j, Ano85k, Ano85z, Ano85-27, Ano85-28, Ano86a, Ano86b, Ano86c, Ano86d, Ano86j, Ano86k, Ano86l, Ano86m, Ano86-31, Ano86-32, Ano86-33, Ano86-34, Ano87e, Ano87f, Ano87g, Ano87h, Ano87i, Ano87l, Ano87m, Ano87n, Ano87o, Ano87p, Ano87x, Ano87y, Ano87z, Ano87-27, Ano87-28, Ano88c, Ano88d]. **volume** [Ano88e, Ano88f, Ano88m, Ano88n, Ano88o, Ano88p, Ano88-31, Ano88-32, Ano88-33, Ano88-34, Ano89c, Ano89d, Ano89e, Ano89f, Ano89g, Ano89h, Ano89l, Ano89m, Ano89n, Ano89y, Ano89-29, Ano89-30, Ano89-31, Ano89-32, KK84a, Tru88]. **volumes** [Ano81y, Ano82-30, Ano84i, Ano89h, Wie86b]. **vortices** [MMR89]. **vorticity** [Bra87a]. **VP** [MMM85]. **VP-100** [MMM85]. **VP-100/200** [MMM85]. **VP200** [MHP84]. **VPM** [CSBB82, CSBB84]. **Vries** [SBFI87]. **vs** [Pag87].

W [And86, Eas82, Eas89, Fin87]. **W.** [Tru88]. **wall** [GHU81, NF83, NF84]. **Waller** [Rei87]. **walls** [Hub84e, Hub84f]. **want** [Lev89]. **water** [ASS82, CSC89, CM81b, CH84d, CM84f]. **WATERLOPP** [Ost85]. **Wave** [RFSG84b, And84c, AHVV86, BKvLSE80, BKvLSE84, BFSG84, BC83a, BC83b, BC84a, BC84b, CD86, CB88, CHMM84, Cug84, CDN+87, DL86, FBW82, Has84, Hib84c, HFG88, JBWW86, Jam84, KKP82, KPH84, KKP84, KGAL88, KK83b, MV88, Nes88, PPHS86, Sal84c, Sar87, SAC87, Sea84b, Smi84c, Smi84a, Ste84c, SAC+86, TCR84, WV80, WV84, ZNO88]. **wave-functions** [Sal84c]. **wave-particle** [KGAL88, SAC+86]. **wavefunction** [ABH+84, Bar84d, Kla84]. **wavefunctions** [DeV84, GRRP83, GRRP84, KKLP84, Kno84]. **waves** [CCR88, GS83, IFI84, KM86, MGK86, MKS83, MKS84, Ter88]. **weak** [LO86]. **weakly** [WW80]. **Weather** [Dic82, Gib85]. **Weber** [WW84b].

Weight [ADO83, ADO84a, ADO84b, KR88]. **Weighted** [Les89, RVD+81]. **weights** [SH82, Tak88a, Tak88b, SH84]. **Weizmann** [GA84]. **well** [DHD84]. **Wendroff** [EFES81]. **Weyl** [BK84a]. **whether** [Woo85]. **which** [BGMM81, De 84c, Hei84, MMO89, Rob84d]. **whole** [Moo83]. **wide** [Flu89, WML+82]. **widths** [Ata85, TTL88]. **Wigner** [AD84, TN84, Zie88]. **Wiley** [And86, Eas80, Jes87]. **Wilson** [BCM83a, CGGK85, CMS83, CMS84, DeG88]. **Winkelmann** [Eas89]. **wire** [Lee82, Lee84]. **wires** [VM89]. **within** [Bet84, Car80, HMS84, QTZ+87, Rob84e, ST82a, ST84c]. **without** [Buc83, Buc84, DG89, DH84a, MMM85]. **WIZJET** [Odo84d]. **Wood** [Cug84]. **Woods** [CDN+87, DHD84, HH84, Hir84]. **word** [KC81b, KC84a]. **work** [KM84a]. **Worker** [BEM84]. **workstation** [BBC+87]. **workstations** [DFOP89, vD87a]. **world** [Ano89a, Rea84]. **writer** [Bar84a]. **written** [WC85]. **Wronskian** [Ito88]. **WZ** [Hel82].

X [Jes87, KKP82, Rob85, CM84a, Deu84a, Deu84b, Deu84c, Deu84d, DPH82, DPH84, FHMR84, FFH84, FK84, Fer84, FR84, KPH84, KKP84, Klo84a, KM85, MZM+82, MZM+84, MGMZ84, NR86a, PDNE88, Rei85, Rei86, RM89, RS85, VSP86, WML+82, vM84i]. **X-MP** [KM85, NR86a, RS85]. **X-ray** [Deu84a, Deu84b, Deu84c, Deu84d, DPH82, DPH84, FHMR84, FFH84, FK84, Fer84, FR84, MZM+82, MZM+84, MGMZ84, Rei85, Rei86, RM89, VSP86, WML+82, vM84i]. **X-rays** [PDNE88]. **xanes** [DPH84, DPH82]. **XFIT** [MGMZ84]. **xii** [Duc86, Eas82, Nad86a]. **xiv** [Art85b]. **XRF** [Fer89]. **xxi** [Art85a]. **xxiii** [Taj86].

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