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$(-1, 1)$ [Obo24]. $(0, 1)$ [Loe21, Shi21c, DGS20, EJS24, GS23b]. $(0, \pm 1)$ [DGS23]. $(1, -1)$ [MSX22]. (α, β) [SWW22]. $(Au, A^r v) = (u, v)$ [BKS+21]. $(Au, v) = (u, A^r v)$ [BKS+21]. (b, c) [Dra23]. (∞, ∞) [GOZ21]. $(k + 1)$ [OdFVM21]. $(n + k) \times n$ [BDNO20]. (n, m) [GZZ21]. (p, q) [AdST22, MMV22]. (t, t) [HW21b]. $*$ [BN23]. -1 [WLL23, ZW22, BD21b]. $\{-1, +1\}$ [AdL21]. -3 [LLL22]. 0 [ABW22, BD21b, CHY20, HL20, Lyu20]. $\{0, 1\}$ [WW22]. 1 [ABW22, BD21b, CHY20, HL20, KLR22, Lyu20, ZLLZ22]. 1/2 [GK20, WQP23]. $12 \leq \alpha \leq 1$ [LQ21]. 2 [Alf20b, BS21a, Ban22, BEF20, BDV21, GLT23, LNN+20, SV21, XZWT20, ZG22]. $2 + 2$ [LWB20]. $2^w \times 2^w$ [VB20]. $2\theta(G) + \rho(G) - 1$ [ZW22]. 2×2 [BDK21, WZL21, Xie21]. 3 [BC24, IKPR20, MV24, SS23c, ZZJ23, Zhe21]. 3×3 [CLW22, CdSV22]. 4 [CN23a, CN23b, Ere21, FN23, TCC21]. 4×4 [CRSY22, GHL+24]. 5 [JMP21b, TCC21]. 5×5 [LV22b]. 6 [ZWF20]. $[a, b]$ [WZC23]. * [CAEH+22]. $_\alpha$ [CLM22]. A [BKPS23, CLM22, Djo23]. $A(R, S)$ [FdCP20]. $a_2 - c_3$ [IKPR20]. A_α [CT23, CLM20, FW22, HLS22, LQ21, LTYZ23, LY23, LMG20, LDSS20, WWT20, WFGT20, XWT20, YBW24, ZZ21, ZHW21]. α [CDG21, DLVV21, LL21c, TCC21, WSW20, XWT20]. $\alpha(M)$ [FQ20]. $*$ [AG15, AG20]. $AX^\varepsilon + BX^\delta = 0$ [DL23].

$AXA = XAX$ [Djo23]. b [ZL23c]. $\otimes$ [Mor22]. c [GS21a, vdMvSW24]. C^* [CMM20]. C^n [EJJL20]. $C^\star$ [BH24, CN20a, CDR23, EE23, FPS22, Ham22, MS24, Sin21, XY20b]. C_2 [RT21]. C_3 [LMX23]. C_3^- [WHL24]. C_5 [MLH22]. C_6 [MLH22]. $\mathcal{T}$ [CN20a]. D [KP21, Kus23, Zha21, vED22]. D_n [Sim21, WWG22, Wan23]. det^{S^3} [LS24a]. ℓ^∞ [FISW21]. ℓ^p [HJ24]. $\eta(G,\sigma) = |V(G)| - 2m(G) + 2c(G) - 1$ [LW21d]. $F_{q^6} \times F_{q^6}$ [BCM21]. G [CDD21, CL22, GG21, AAMR20, DY24, ZWT21]. $G^\star JG = J$ [EJ23]. $\mathrm{Gr}_3(C^6)$ [HPSZ21]. H [AMO24, CGP22, CS21, Gor24, GvRR21a, GvRR$^+$21b, SMA21, WES21, vRvSTT21, MMV21]. $H(3,4)$ [DG20]. i [GZZ21]. $J_q(N,D)$ [LIW20]. K [FSRVSST22, LL21d, AdLN23, BCE21, Fio20, HJBKR24, HL20, HLS21b, KLSP24, Le22, MP20a, OdFVM21, SSP22, SWW22, SSvW20, VTBC20, WSW20, Yaz21, Zhe20, ZBWL20]. $K_{1,t}$ [ZL22]. $K_{2,t}$ [LLW23]. $K_{3,3}/K_{2,4}$ [WCF21]. K_5^- [Wan24]. $\{K_{k+1}, L_s\}$ [ZY24]. L [BM22, JLW22]. l^∞ [Yu20]. L_+^n [HS23b]. L_1 [NNSS20]. λ [Mif21]. $\lceil g \rceil/2$ [DY24]. $\lceil g \rceil/2 - 1$ [DY24]. ≤ 4 [Com21]. LU [LY20]. M [CS21, DMS20, KLS21, Men22, Beh21, BCG24, EJJL20, GvRR$^+$21b, JJS20a, SZH22, YZY24]. M_n [BSC23]. $M_n(E)$ [Fid22]. $M_n(F_2)$ [Šte22b]. $\mathbf{C}P^n$ [SS22]. $\mathbf{DL}(P)$ [DN23]. $\mathbf{F}_q^n$ [AS20a]. $\mathbf{Q}$ [GvRR$^+$23]. $\mathbf{T}$ [Kha24]. $\mathbf{Z}$ [dAGK21]. $\mathbf{Z}_n$ [CPS20]. $\mathcal{AN}$ [GOUY23]. $\mathcal{B}(H)$ [AGK$^+$21]. $\mathcal{CX} \otimes \mathcal{BH}$ [EE23]. $\mathcal{D}_\alpha$ [DPR20]. $\mathcal{L}(C^n)$ [MRZ20]. $\mathcal{L}(H)$ [Wój22b]. $\mathcal{L}(l_2^2)$ [Wój22b]. $\int\updownarrow(2,\mathbf{C})$ [JL22]. $\int\wr_4$ [Mor22]. L [BES21]. N [CT20, CK21, JKX20, BDNO20, BCE21, CW23a, CW23b, HHS21, LP21, SZH22, ZWT21]. $n(G) - g(G) - 1$ [CL22]. $n-3$ [TWW20, TW21]. $n-g$ [ZWT21]. $n = 2,3,4$ [SZH22]. $n \equiv 0 \pmod 4$ [Wan23]. $n \times n$ [DZCY22, SSvW20]. $O(n)$ [TP23]. $O(q,k)$ [HHS20b]. ω [MPS24]. $\Omega(2^n/n)$ [Sha22]. P [CK21, MC21b, ME21, AAFM23, AdST22, BM22, CI21, KLLW21, LL21a, dSP20a, ZKLS20]. $p(\lambda)$ [GvRR$^+$23]. $p(X) = A$ [GvRR$^+$23]. ± 1 [HT23]. ψ_S [AP20]. $\mathrm{PSL}(3,\mathbf{C})$ [BCNS22]. Q [HLN24, JLW22, LMX23, OPPS22, Sud22, Tan23, ZL22, AKVS23, BPS23, CKOS22, Hom20, KAGH24, Lee20, LHZ21, Ner20, ZZ20]. $q+1$ [Hom20]. $q+2$ [Hom20]. Q_0 [CESS21, SNK22]. r [LC20]. R^d [DO22]. R_0 [ME21]. ρ [KZ24]. S [DP23, AK20, BNS22]. S_n [HMS21]. $s \geq 3$ [BNS22]. sl_n [Bar22]. SR [FRS21]. $\star$ [Ham22]. SU(2) [Soł20]. T [MQW20, BNS22, FdCP20, WXY24]. $t \geq 2s-2$ [BNS22]. $\tilde{D}_n$ [MP23b]. $\times$ [CL20]. $U_q(\widehat{\int\updownarrow}^2)$ [LIW20]. W [ME21]. $W(B_n)$ [Ces20]. $x^q + x^{q^3} + cx^{q^5} \in \mathbf{F}_{q^6}[x]$ [MMZ20]. z [DLVV21]. Z_2 [FGGG24]. Z_q [GFD21].

***congruence** [Sta21].

{-1 [AdLN23]. **-actions** [Gor24]. **-algebra** [CDR23]. **-algebras** [CMM20, CN20a, CAEH$^+$22, EE23, FPS22, Ham22, MS24]. **-analogue** [MMV22, Ner20]. **-analysis** [AKVS23]. **-Bernstein** [MMV21]. **-Bures** [DLVV21]. **-by-** [CN23a, CN23b]. **-chromatic** [Ere21]. **-circulant** [AAMR20]. **-commutant** [BPS23]. **-commuting** [BPS23, LP21]. **-complex** [EJJL20]. **-connected** [HLS21b, ZG22, ZBWL20]. **-contractivity** [BCE21]. **-Core** [Mif21]. **-covered** [WZC23]. **-cut** [AdLN23]. **-cycle** [TCC21, ZWF20]. **-deformed** [CKOS22]. **-designs** [BNS22, HW21b]. **-dimensional** [BS21a, Ban22, FN23, GLT23, LNN$^+$20, SZH22, SS23c, ZZJ23]. **-distance** [BNS22, KAGH24]. **-domination** [AAFM23]. **-double** [AdST22, ZZ20]. **-eigenvalue** [CLM20, WFGT20]. **-eigenvalues** [Zha21]. **-extreme** [BH24]. **-factor** [ZLLZ22]. **-factors** [ZL23c]. **-forest** [BEF20]. **-frames** [LL21d]. **-free** [BES21,

LMX23, MLH22, WHL24, Wan24, ZY24]. [**?**]free/Min:2022:SUB. **-functions** [Beh21]. **-gain** [Kha24]. **-graded** [GFD21, dAGK21, RT21]. **-gradings** [FGGG24]. **-graph** [GZZ21]. **-graphs** [LC20]. **-Hahn** [Lee20]. **-hypercontractivity** [JKX20]. **-hyponormality** [BCE21]. **-idempotent** [HL20]. **-independence** [Fio20]. **-index** [TCC21, CT23, JLW22, LTYZ23, LMX23, ZL22]. **-infinity** [WES21]. **-integral** [OPPS22]. **-intersecting** [WXY24]. **-invariant** [GG21, TP23]. **-inverses** [Dra23]. **-Isometric** [JJS20a]. **-isometries** [BCG24]. **-join** [CGP22, SMA21]. **-labelling** [SWW22]. **-line** [OdFVM21]. **-linear** [FSRVSST22]. **-Majorization** [vED22]. **-matrices** [DGS20, DGS23, EJS24, GS23b, MSX22, WW22, CS21, CT20, CK21, KLS21, Men22, Tan23]. **-matrix** [BM22, DMS20, LDSS20, SNK22]. **-minimizer** [HLN24]. **-minor** [WCF21, ZL22]. **-minor-free** [LLW23]. **-module** [XY20b]. **-nearest** [Yu20]. **-nonnegative** [vRvSTT21]. **-norm** [BM22, KLSP24, NNSS20]. **-normal** [LL21c]. **-norms** [CI21, FISW21]. **-numerical** [vdMvSW24]. **-operator** [KZ24]. **-orbit** [HMS21]. **-order** [SZH22]. **-orthogonal** [AP20]. **-palindromic** [BN23]. **-phases** [CDD21]. **-polynomial** [Sud22]. **-positive** [Le22]. **-power** [LL21a]. **-product** [MQW20]. **-property** [GOUY23, MC21b]. **-rings** [Ham22]. **-Schröder** [YZY24]. **-selfadjoint** [AMO24, GvRR$^+$21b]. **-semigroups** [AG15, AG20]. **-semipositive** [HS23b]. **-skeleton** [KLR22]. **-smooth** [MP20a]. **-spanning** [HJBKR24]. **-specified** [AK20]. **-spectra** [JMP21b, DP23, Zha21]. **-spectral** [GS21a, KLLW21, WSW20, ZKLS20, BKPS23, DPR20, FW22, HLS22, LQ21, OPPS22, ZZ21, ZHW21]. **-spread** [LMG20]. **-stability** [KP21]. **-stable** [Kus23]. **-step** [BDV21]. **-sun** [AdST22]. **-symmetries** [AP20]. **-tensors** [BC24]. **-term** [FdCP20]. **-th** [CW23a, CW23b, GZZ21, GvRR$^+$21b, dSP20a]. **-trees** [BEF20, OdFVM21]. **-Uniform** [MV24, SSP22, SWW22, WSW20, Zhe20, Zhe21]. **-unitary** [GvRR21a].

1} [AdLN23, Ano22-57, Ano22-69, Ano22-65, Ano22-59, Ano22-52, Ano22-58, Ano22-63, Ano22-60, Ano23-52, Ano23-53, Ano23-61, Ano23-63, Ano23-51, Ano23-54, Ano23-49, Ano23-65, Ano23-68, Ano23-69, Ano23-58, Ano24-27, Ano24-38, Ano24-39, Ano24-30, Ano24-36, Ano24-28, Ano24-33]. **1-350** [Ano23-72]. **15** [Ano22-62, Ano22-49, Ano22-66, Ano22-61, Ano22-64, Ano22-53, Ano22-72, Ano22-70, Ano22-71, Ano23-57, Ano23-50, Ano23-62, Ano23-71, Ano23-60, Ano23-56, Ano23-55, Ano23-59, Ano23-66, Ano23-64, Ano23-67, Ano24-34, Ano24-29, Ano24-31, Ano24-32, Ano24-37].

2-Cayley [WFY24]. **2-Steiner** [AS22]. **2022** [Ano22-62, Ano22-57, Ano22-49, Ano22-69, Ano22-66, Ano22-65, Ano22-61, Ano22-59, Ano22-64, Ano22-52, Ano22-53, Ano22-58, Ano22-72, Ano22-63, Ano22-70, Ano22-60, Ano22-71]. **2023** [Ano23-52, Ano23-57, Ano23-53, Ano23-50, Ano23-61, Ano23-62, Ano23-63, Ano23-71, Ano23-60, Ano23-51, Ano23-56, Ano23-54, Ano23-55, Ano23-49, Ano23-59, Ano23-65, Ano23-66, Ano23-68, Ano23-64, Ano23-69, Ano23-58, Ano23-67]. **2024** [Ano24-27, Ano24-38, Ano24-34, Ano24-39, Ano24-29, Ano24-30, Ano24-31, Ano24-36, Ano24-28, Ano24-32, Ano24-33, Ano24-37]. **22nd** [AHKT21].

436 [CdGS20]. **479** [BKSP23]. **486** [AG20].

520 [FJS21]. **532** [Hou20]. **553** [AAH$^+$22]. **561** [PW20]. **577** [Ali20]. **582** [KAPS20]. **585** [AD20a]. **586** [JLM20a]. **594** [Sło21a].

595 [MH21].

610 [FHMP22]. **611** [SD21a]. **630** [BP23b]. **646** [BDHS23b].

ABC [LW20b, YD21, GLHNW20]. **Abel** [CN21a, CN22, CN23b]. **abelian** [BF24a, BL23, CW22, CK23a, KB22, MDH23, BFLT23, CL21]. **absolute** [StW22]. **absorbing** [CR21]. **abstract** [AFS+23, BDN24]. **accelerated** [OPA23]. **Accelerating** [BHD+21]. **Acceptability** [Pan23]. **Accuracy** [GNR20]. **Accurate** [MPR22, MPR24, MMV22, OP21, Yan21]. **achieve** [Sha22]. **acting** [BMR23]. **actions** [CXZ22, Gor24]. **acyclic** [DdF23]. **Addendum** [AAH+22]. **addition** [Arl20]. **additive** [GS20b, LP21, XX20]. **ADI** [Rob20]. **Adjacency** [CDVPT22, CL24, Coo20, HS23a, LL24a, AdL21, BGGA22, BS23a, CGP22, Du23, LW21b, WZFW23, XW21]. **adjoint** [DH21, GLT21, PPŻ21, Pan22, PPŻ23, SZ20]. **adjointable** [AG15, AG20]. **adjointness** [AC21]. **adjugate** [CZ22b, RMG24]. **Admissibility** [NS22]. **admitting** [BL23]. **Affine** [BS20f, Rub22, BFO23, Hom20, LIW20, Yan22]. **affine-plane** [Hom20]. **after** [Bar20, JST21]. **Algebra** [AAH+22, AD20a, Ali20, AG20, BP23b, BDHS23b, BKSP23, CdGS20, FJS21, FHMP22, Hou20, JLM20a, KAPS20, MH21, PW20, Sło21a, SD21a, AOCM20, BK22, BE20, CW23a, CW23b, CCS22, CFR23, CDR23, CdSV22, DRG24, FM20a, FGGG24, FP22, FT23, GFD21, dAGK21, Jon21, KS24, KZPH22, LIW20, LP22, MPS22, Mor22, Mur22, PGST23, Sch24, SlW22, Vit21, WFSS20, Yas23, AHKT21]. **Algebraic** [AM21, HS23b, Tar20, AM23b, BEHK22, BF24b, Bri22, CF24, Das22, KS22a, KW20, MS24, BCP22]. **algebraically** [BHBO21]. **algebras** [ABCO22, AM21, AEGV21, Alt22, AOCM20, ABC+22, BS20b, BB22, BFLT23, BF24a, BRL23, BCS24, Bez22, BDHS22, BDHS23b, BR24, Bla20, BDvW24, BS23a, BE20, BDV21, CGG+21, CMM20, CWW24, CN20a, CLW22, CdGS12, CdGS20, CZ20a, CMR20, CDG22b, Cos20b, Cra21, CMR21, CAEH+22, DdR20, DP21, DGdSS23, DHR20, DM24, EE23, Eld22, EGL21, FK23, FPS22, FGDY20, FKM22, FN23, GLNW24, GK22a, GT23, GKS21, GS20a, Gow20, GMP22, Ham22, HKS23, JJL20b, KK23a, KK23b, KY21, Kol21, KLL22, Kye23, LM22a, LNN+20, LS20b, MT21a, Mar21, Mig21, MRT20, MDH23, MS24, Rai23, Sas21, Sos23, SZ22b, Uru22, Vol23, WZL21, WZ23b, XY20a, XZ21, Yan22, ZG21, dMdSS23]. **algorithm** [Bär21a, BC22, BT20a, BHD+21, CT24, CLLK21, CZ20b, FM22a, KPP21, NPkT21, YOV21]. **Algorithmic** [CT20, VV22]. **Algorithms** [Boj21, BF24b, CLRT22, HNS21, fLLV20, LY20, Sch23, SZ21, SZ22a, VD22]. **ALIF** [BC22]. **allow** [BFF+23b, BFF+23a, Das22]. **allowed** [BBC+22b]. **Almost** [BDV21, AK23, BF24a, CDdM22, CD23a, CK21, DYLL23, FMR20, Roc20, Sło21b]. **almost-principal** [FMR20]. **almost-Riordan** [AK23, Sło21b]. **Alpha** [Min22]. **Alternating** [OJQ20, OQ22, EN22, KKS21, RZ24]. **alternative** [GvRR21a]. **Aluthge** [GOUY23, Yam21]. **amenable** [CN20a]. **among** [DJ23, LW21b]. **amplitudes** [JS22]. **analogue** [MMV22, Ner20]. **analysis** [AFSS20, AK20, AKVS23, AV23, BEFSC22, BDFF23, CW21, FKM20, GM20, GFW24, HH23a, LS24b, LHZ21, MMV21, Mis20, RRvW24, SDTR23, Szc21, WvdVvdH24]. **analytic** [AV23]. **Analyticity** [LL21b]. **Anderson** [BKPS23]. **Ando** [ACM20, BMS20, Gye23, LS20a, PV21a]. **angle** [DO22]. **angled** [FKK21a]. **angles** [BKRS20, BMPS23, ŠH21a]. **annihilated** [LTWW23]. **annihilating** [FG22]. **anomaly** [Dax23]. **Anti**

[FP22, AFSS20, BW22, FN23, TT21]. **anti-commutative** [FN23]. **anti-diagonal** [BW22]. **anti-dual** [TT21]. **Anti-isomorphisms** [FP22]. **anti-regular** [AFSS20]. **Anticodes** [BGLR22]. **Anticommutative** [Vol23]. **antilinear** [RT21, SZ20]. **antinorm** [GZ20b]. **any** [FJ24]. **Apéry** [MRT20]. **Appl** [AAH+22, AD20a, Ali20, AG20, BP23b, BDHS23b, BKSP23, CdGS20, FJS21, FHMP22, Hou20, JLM20a, KAPS20, MH21, PW20, Sło21a, SD21a]. **application** [AFK+23, ACM22, AP23, CKOS23, DMQD20, Fio20, Miy24, PŠ23a, PS22, Pra20, RSS21, SMP24, ZS22a]. **Applications** [CC22b, Kak20, KK20a, SZ22a, AWvW24, AAMR20, CST21, CCL21, Djo21, DL22, EGJP21, FISW21, GSS24, GCOP24, HCZ20, HLYZ23, HVX23, KS23c, KP21, LHFL20, MMV21, MP22, MG21, NN24, SWW22, SS24b, Wój22a]. **Applying** [LNN+20]. **approach** [AKVS23, AC22, Djo21, DFH+20, FGM21, GdM23, HT22, IB22, LT24, LHK20, Lin23, SK21a, SKS22, Ste21a, VS23, WZFW23]. **approaches** [Ghi20]. **Approximate** [AKN23, Wój22a, GNR20, HLW23, ORŠ23, dAdCG+21]. **Approximating** [AGKS23, Bar21b]. **Approximation** [FKMM21, RKBA21, ZRQK22, Bot21, CEF+22, CER+23, CKM20, FGM21, KKM22a, KPP21, KST22, MSZ23, Rao21, Rod21, SK21a, Wój22b]. **approximations** [CHHS20, DMQD20, GZ20b, LV22b, dHH23]. **April** [Ano20-63, Ano20-65, Ano21-53, Ano22-55, Ano22-62, Ano23-52, Ano23-57, Ano24-27, Ano24-35]. **arbitrary** [ABH+23, ADHM23, BDRS20, CGP22, FISW21, MMR20, VB20, WWJ20, WFGT20, ZHSX20]. **arboricity** [HXLL21]. **arcs** [KK20b]. **argument** [MB20]. **arise** [CGP21]. **arising** [BBS23, CER+23, KMZ20, MMZ20, Oli21]. **arithmetic** [BLS20, ES23]. **arithmetical** [DLL23, VV22]. **Arithmeticity** [BSS23]. **arrangements** [Win21]. **array** [He20, YY23, ZZJ23]. **arrays** [AK23, KNiO23, MMW22, Pet21, Sło20, Sło21a, Sło21b, SS23c, YY21]. **arrowhead** [CRSY22]. **Artin** [FKK21a]. **Artinian** [Alt22]. **ascent** [HP23b]. **Askey** [SS20]. **aspects** [Got20, VV22]. **assignment** [ZK21]. **assignments** [NMS20]. **associated** [AG15, AG20, BR22, BLS20, CCKM22, CA22, Chr24b, DZCY22, DM24, GLZ20, HCZ20, HP22, KL21a, KS22c, LW21a, MRT20, PPŻ21, RW21a, Sta23b]. **association** [BMS21, LTTW22, XTLK23]. **associative** [Bri22]. **Asymptotic** [LLW21, MPS22, BCR+23, Du23, LLW20, RRvW24]. **asymptotically** [RT23, Roc20]. **asynchronous** [SDTR23]. **attaining** [BDSS21]. **attainment** [PSZ21]. **Audenaert** [DF20b]. **August** [Ano20-50, Ano20-52, Ano21-61, Ano22-57, Ano22-49, Ano23-53, Ano23-50]. **automata** [Phu24]. **Automatic** [PSW23]. **automorphic** [BKT23]. **automorphism** [Oli21, SZ22b]. **Automorphisms** [AM23a, Bez22, CGMP23, PPŻ23, DGET21, FN23, MDH23]. **autoregression** [FKMM21]. **autoregressive** [GZ20a]. **averaging** [MA24]. **Avoiding** [BMPS23, OPA23].

B [BGOO21]. **B-splines** [BGOO21]. **back** [MZZ24]. **background** [BCP22]. **backtracking** [GK21, KKS21, MZZ24]. **Backward** [Pra20, Hal20, Pik23, TV21, WW20]. **balanced** [BW21, DFS23, DK21, GT23]. **ball** [MAG21, Wój22b]. **balls** [FKKM22]. **Banach** [AEGV21, AHV20, BS21a, Ban22, BDI20, Djo21, FPR20, GGGD23, IKLP20, MP20a, Sas21, Sch24]. **Band** [GGGD23, CCCS21, EGV20]. **Band-diagonal** [GGGD23]. **banded** [OW23]. **Bartholdi** [Zhu21]. **based**

[Bla20, BDFF23, CL21, FQ20, GSS24, GFW24, GMR22, KCML20, LLW20, LLW21, LW21b, MQW20, NPkT21, NPHT20, QJMW23, SGGZ21, WXL24, XJLL23]. **bases** [AMO24, ADMZ21, BC24, HJBKR24, NWW20, NV23a]. **basic** [VS21]. **basis** [GZ23, LT24, MMV22, TL21, Yos21]. **Baxter** [MDH23]. **Bayes'** [PR22a]. **Bayesian** [DTA23]. **behavior** [GP20]. **Bell** [GZ20c, Li20a]. **below** [GK20]. **Berezin** [CF22]. **Berge** [KLLW21, ZKLS20]. **Bernoulli** [Kim20]. **Bernstein** [MMV21, MMV22]. **Bessel** [MPR22]. **Best** [Bot21, Rao21, Wój22b]. **Bethe** [FB21, YW22]. **Better** [OM20]. **Between** [PPW20, Ago24, BCE21, CMS21, CAEH+22, FPR20, GKS21, GMR22, IOT21, KS22c, Kye23, LL24a, MP20a, Min22, Mon23, Sán21, Sta23b, WFL20, WWY23, ZXZW23]. **betweenness** [DF20b, DF22]. **Beurling** [ACSS22]. **beyond** [RS21b, XZ23]. **Bhatia** [Roy24]. **Bhattacharya** [CLwW22, GF20]. **Bhattacharya-Mesner** [GF20]. **Bi** [CR23]. **Bi-isometries** [CR23]. **bicyclic** [DGS+21a, SWW21, YD21]. **bidegreed** [SSS21]. **bidiagonal** [BFMM23, MPR24, MMV21, TŽ23]. **bifurcation** [FHLS22]. **bifurcations** [Fik20]. **Bilinear** [SDS21, Bui21, Chr24b, KLLS22, Ros22, RSS21]. **binary** [BT20a, HP23a, May21, Sha22, SZH22, WJLW24]. **Binomial** [BCR20, Bay24]. **bipartite** [AD20a, AD20b, ADH+24, BJP21, BS23b, CWYZ23, CP21, Du23, GLZ21, JMP21a, Kub22, LG21a, LMX23, OJQ20, Sim21, SZ21]. **biregular** [FM20a, HP22]. **Biregularity** [RS21b]. **Birkhoff** [AGK+21, Shi22]. **Bivariate** [CCCS21, BCP24]. **Blanchfield** [BCP22]. **Blind** [GZ20a, KKM22b]. **Block** [CLRT22, HMPT20, AT24, BS20d, BJ23, CW21, CZ20b, CDG21, CDG22a, Dew21, DdR20, FGDY20, FLT20, FG20, HP23a, JGW24, LOŠ21a, LG21b, PŠ23a, RS21a, RKBA21, SZSMB20, VD22, XLS20, YOV21, ZL23a, ZL23b, dAdCG+21, KK23a]. **block-diagonal** [BS20d]. **block-Jacobi** [YOV21]. **Block-sparse** [HMPT20]. **block-triangular** [FGDY20]. **blocks** [BĐK+24, BL24, CDG22a, DGS+21a, EGC21, KS20a, Sta20a]. **blow** [LZ21b, XHW23]. **blow-up** [LZ21b, XHW23]. **Board** [Ano20a, Ano20b, Ano20-27, Ano20-28, Ano20-29, Ano20-30, Ano20-31, Ano20-32, Ano20-33, Ano20-34, Ano20-35, Ano20-36, Ano20-37, Ano20-38, Ano20-39, Ano20-40, Ano20-41, Ano20-42, Ano20-43, Ano20-44, Ano20-45, Ano20-46, Ano20-47, Ano20-48, Ano20c, Ano20d, Ano20e, Ano20f, Ano20g, Ano20h, Ano20i, Ano20j, Ano20k, Ano20l, Ano20m, Ano20n, Ano20o, Ano20p, Ano20q, Ano20r, Ano20s, Ano20t, Ano20u, Ano20v, Ano20w, Ano20x, Ano20y, Ano20z, Ano21a, Ano21b, Ano21-27, Ano21-28, Ano21-29, Ano21-30, Ano21-31, Ano21-32, Ano21-33, Ano21-34, Ano21-35, Ano21-36, Ano21-37, Ano21-38, Ano21-39, Ano21-40, Ano21-41, Ano21-42, Ano21-43, Ano21-44, Ano21-45, Ano21-46, Ano21-47, Ano21-48, Ano21c, Ano21d, Ano21e, Ano21f, Ano21g, Ano21h, Ano21i, Ano21j, Ano21k, Ano21l, Ano21m, Ano21n, Ano21o, Ano21p]. **Board** [Ano21q, Ano21r, Ano21s, Ano21t, Ano21u, Ano21v, Ano21w, Ano21x, Ano21y, Ano21z, Ano22a, Ano22b, Ano22-27, Ano22-28, Ano22-29, Ano22-30, Ano22-31, Ano22-32, Ano22-33, Ano22-34, Ano22-35, Ano22-36, Ano22-37, Ano22-38, Ano22-39, Ano22-40, Ano22-41, Ano22-42, Ano22-43, Ano22-44, Ano22-45, Ano22-46, Ano22-47, Ano22-48, Ano22c, Ano22d, Ano22e, Ano22f, Ano22g, Ano22h, Ano22i, Ano22j, Ano22k, Ano22l, Ano22m, Ano22n, Ano22o, Ano22p, Ano22q, Ano22r, Ano22s, Ano22t, Ano22u, Ano22v, Ano22w, Ano22x, Ano22y, Ano22z, Ano23a, Ano23b, Ano23-27, Ano23-28, Ano23-29, Ano23-30, Ano23-31, Ano23-32, Ano23-33, Ano23-34, Ano23-35, Ano23-36,

Ano23-37, Ano23-38, Ano23-39, Ano23-40, Ano23-41, Ano23-42, Ano23-43, Ano23-44, Ano23-45, Ano23-46, Ano23-47, Ano23-48, Ano23c, Ano23d, Ano23e, Ano23f]. **Board** [Ano23g, Ano23h, Ano23i, Ano23j, Ano23k, Ano23l, Ano23m, Ano23n, Ano23o, Ano23p, Ano23q, Ano23r, Ano23s, Ano23t, Ano23u, Ano23v, Ano23w, Ano23x, Ano23y, Ano23z, Ano24a, Ano24b, Ano24c, Ano24d, Ano24e, Ano24f, Ano24g, Ano24h, Ano24i, Ano24j, Ano24k, Ano24l, Ano24m, Ano24n, Ano24o, Ano24p, Ano24q, Ano24r, Ano24s, Ano24t, Ano24u, Ano24v, Ano24w, Ano24x, Ano24y, Ano24z]. **Bogomolov** [Rai23]. **Bohemians** [CCGV+20]. **book** [TTV23]. **Boolean** [CKKR23, KCML20]. **Bordered** [Kli20a, CESS21]. **Bordering** [AFK+23]. **Borders** [AHKT21]. **Bose** [Mar21]. **Böttcher** [CKOS23]. **bound** [AAFM23, AL23a, BT20b, FLRS20, Fio20, Hae21, LZZ23, LHZ21, MLH22, MT23, WG20a]. **boundary** [CEM21, KŠ22b]. **Bounded** [BDRS20, DS24, AGV20, BS20d, GK20, Lyu20, MS21, Nag23, RT23, WHM23]. **Boundedness** [SS23a, RAK21]. **Bounding** [CKOS22, ES23, GLS22, KL21b, ZS22a]. **Bounds** [DW21, GLHNW20, KKP21, LW21c, PP20, SK21b, WWT20, AOA23, ASS21, AGH20, AGNPSE23, BHHP21, BR22, BKPS23, Bhu24, CKTP20, CAJ21, CI21, DYB20, DK21, FQ20, FS23, Gan23, GMR21, IGW17, JZZ24, KL23, KCPMNS21, Kus23, MT21b, MP21, OM20, Ran23, Rum22, SZ23a, Skr20, Skr21, Sta20a, VCR21, WG20b, ZZ21, dHH23, CN24, GZ20b]. **Braess'** [Cia20a]. **braided** [Soł20]. **Brazil** [AHKT21]. **breaking** [AKL+21, BH24]. **bridge** [BCE21]. **bridges** [CGJvB22]. **Brouwer** [Coo21, GPRT20, Roc20, TT24]. **Brualdi** [YLCB21]. **Brualdi-type** [YLCB21]. **Bruhat** [FdCS20]. **Brunn** [LF20, ZJCA20]. **bundles** [DD23b]. **Bures** [DLVV21, Min22]. **caching** [FT23]. **Cadzow** [KPP21]. **cages** [HP22]. **Calabi** [GLNW24]. **calculus** [LMR21, NS21]. **Calderón** [GR22]. **can** [HMS21]. **canonical** [AMO24, GvRR21a, Li24, Sta21, SZ20]. **cardinality** [AGNPSE23, SS21b]. **Cartan** [CKL24, FKM22, Sim20]. **Cartesian** [TT24]. **case** [AS20a, CV21, GS21a, LTYZ23, Mań22, Zem22]. **cases** [dSP22, dSP23b]. **Catalan** [Pet21]. **categories** [Ago24]. **Cauchy** [Ner20, Yan21]. **Cayley** [AY23, ASG22, AS23, BL22, BL23, CW22, CK23a, Ces20, DF20a, ET20, Hua22, KB22, Kad23, LW21a, MT23, MST24, Mur22, PV21b, SSvW20, WFY24]. **cellular** [Phu24]. **Cellularity** [XY20a]. **center** [CDM20, Cia20b, PV21a]. **Centers** [HLYZ23]. **Central** [CNO23, GFD21]. **centrality** [BD21a]. **centralizer** [BĐK+24, MMR20, XZ21]. **centralizers** [AM23b]. **Centrosymmetric** [BCP24, CCK21a, XY20a]. **Certain** [DY23a, AG21, BDNO20, BS20f, BMPS23, Cra21, CMR21, DO22, EMŠV22, GLZ20, GL20a, JMP21b, LW21a, Shi21c, TW21]. **CG** [CLS24]. **chain** [BHKW22, CM23b]. **Chains** [CGG+21, AHV20, CCPKP20, CK23b, CR21, DS20, HX24, LL20, VS20]. **Change** [JST21, AS24, GZ23, SD21a, SD21d, TLC20]. **change-of-basis** [GZ23]. **changes** [KK22b]. **channels** [AKL+21, GL21, LCH23]. **Characterisation** [Ram23]. **Characteristic** [JL22, Kad20, ABSV21, CB21, Cia20b, DvDW23, GM22, HY24, HHS20b, JR24, Kor21, KLLS22, LS20b, Pan23, YLZH21, Zhe21]. **characteristic-like** [GM22]. **characteristics** [AKPS19, BN23, KAPS20]. **Characterization** [AG21, MP20a, NYW22, TWW20, AMR20, AdST22, AK23, BP21b, BP23b, DMS20, DY23b, DdF23, FGGG24, MA22, MM21, NWW20, SC20a, SSS21, TW21, Lew21].

Characterizations [CMM20, Ime23, AAH+22, MC21b, ME21, NPHT20, QJMW23, QQM24, ZBCI21]. **Characterizing** [AHZ22, KSSW20, Tan23, VTBC20]. **Charlier** [XJLL23]. **Chebyshev** [MSZ23, WCS20]. **Chebyshev-like** [WCS20]. **checkerboards** [EJS24]. **Cheeger** [KMP23]. **Chief** [Ano21-49, Bru21, Bru22, Bru24]. **chiral** [FP23]. **Cholesky** [Kim20]. **chordal** [AJM21, AJM24]. **Chromatic** [CK23a, Ere21, Gan23, PK21, WYF+20, WYQ21]. **Chung** [YZY24]. **circle** [Adr22, BBCD21, FG20, FG23b]. **Circulant** [DN21, AAMR20, ACOM21, CEJM21, Che21, DS22, HP23a, LS23, ĐMM+22]. **Circular** [Lee22, TŽ23, GW20, PW21]. **circularity** [vdMvSW24]. **CKV** [CCL21]. **CKV-type** [CCL21]. **Clarkson** [BL20]. **class** [AR21, BCR+23, BSC23, CHT20, CESS21, EGV20, Fio20, Guo22, GLT23, Hu21, KS23a, KW20, Loe21, PS23b, SL20a, SL21]. **Classes** [BP21a, ACD22, BC24, GLZ20, GK22b, KZPH22, ME21, MST24, OP21, PPŻ21, Pan22, PPŻ23, WZ23b, ZM21]. **classical** [CGP21, KW20, Pan23, Pet21]. **Classification** [AADT23, BKS+21, DGL23b, FN23, SS23b, ABCO22, DGdSS23, HX24, Sim21]. **classify** [LNN+20]. **Classifying** [BDN24, IdSSV21]. **clean** [Šte22b]. **Cleaning** [KS22a]. **clique** [DLL23, DW21, HLX20, HXLL21, JGZ21, WHM23, ZvD21]. **cliques** [DKL+22, MLZ24]. **close** [MS21]. **Closed** [BKLT23, AT24, BHBO21, De 20, SL21]. **Closed-range** [BKLT23]. **closest** [Kov21]. **Cluster** [EGL21]. **clustered** [BDGY21, KN20]. **clustering** [AEGL21]. **Clusters** [CK23b]. **CM** [EL20]. **CMV** [FG20, GP20]. **Co** [VJ24, AV23, BPS23, ZBCI21]. **Co-eigenvector** [VJ24]. **co-EP** [ZBCI21]. **co-extensions** [BPS23]. **co-isometric** [AV23]. **coalgebras** [FMS21, KUZ22, Pan21]. **cocharacters** [CdSV22, Iop20]. **coclique** [SD21c]. **code** [KCML20]. **coded** [FT23]. **Codes** [BCR20, AGNPSE23, BZZ22, CM23b, CL21, CXZ22, GL20a, GLT23, LLSV21, MMZ20, NPkT21, NPR22, NPSE24, NPHT20, Ner20, Oli21, ZT23]. **Codeterminantal** [AAHV22]. **codimension** [Alt22, MRT20]. **codimensions** [Riz23]. **coding** [KS22a]. **coefficient** [GZZ21, GQZ20, LL21b]. **coefficients** [Bay24, Du23, GP21, MMA22, PP20, RS21a, VS23]. **cograph** [LL21e]. **cographs** [BR23a]. **Cohen** [FG22]. **coherence** [MB20]. **coherent** [Sud22]. **cohomology** [FKK21a]. **coin** [SMA20]. **coincide** [tHvdM21]. **cokernel** [CLS23]. **Colin** [MS20b]. **Collatz** [KL21a]. **collection** [MAG21]. **collocation** [MMV22]. **Coloring** [AMZ21, KKOO22]. **Colorings** [O.22]. **colourings** [OJQ20]. **Column** [Shi21b, RC23]. **columns** [FJ24]. **Combinatorial** [AD24, AS23, Kub23, LS21, CST21, Got20]. **Combinatorics** [DS20, Gol20]. **common** [LHK20]. **communicability** [HD22]. **commutant** [BPS23]. **Commutative** [BE20, FN23, Got20, Mig21, PR22a, SS22, Szc21]. **Commutativity** [Pan22, ORŠ23]. **Commutator** [CAJ21, CJ20, CKOS22]. **commutators** [BDHS22, BDHS23b, BR23b, VZ20, ZS22a]. **Commuting** [CMT21, BCG24, BPS23, BFPS21, BKS15, BKSP23, Fek20, LP21, SS20, Xie21]. **Comon** [ZHSX20]. **compact** [JLM20a, JLM20b, Pan22, Rao21, hB21]. **compactly** [AKPS19, KAPS20]. **Comparative** [ŠH21a]. **Comparing** [CTS23, RZ24]. **Compatible** [BKS15, BKSP23, Gor24, GFW24]. **compensation** [MM21]. **competition** [CKKR23]. **complement**

[Dev22, MH20, MH21, TT21]. **complementable** [ACM20]. **Complementarity** [BCFT21, CD23a, DY23b, FQ20, MG21, MC21b, SS21b, SNK22, XX20]. **Complementary** [EGK+24, VD22]. **complements** [ARS24, CMM22, LQL21, MK23, QLCM20]. **Complete** [AC21, FHMP21, FHMP22, BGOO21, CCPKP20, Coo20, IMT20, SC20a, Shi21b, SSS21, SD21a, SD21d, TLC20, Zhe20, Zhe21, tHvdM21]. **Completely** [BLS20, JS22, AKN23, BHMU20, BKT23, FOR22, GD20, LHFL20, SM23, ZFZ20]. **completion** [BT20a, BBS20, DAG21, Kim22, SL20a, TL21]. **completions** [CP21, EGC21]. **Complex** [BFLT23, CFK+20, LWH21, XZWT20, ACLS20, CDM21, ES20, EJJL20, Fik20, FP21, Har22, HHD20, HW21a, Kni20, KP23b, LZZ23, LW21c, MRZ22, MvWC23, dSP20a, SK21b, WCKQ20]. **complex-valued** [MvWC23]. **complexes** [KMZ20]. **Complexifications** [IKLP20]. **complexity** [TTV23]. **component** [FKMM21]. **components** [Van24a, Yaz21]. **composition** [AOCM20, SS23a, SS24b]. **Compositions** [Kye23]. **compound** [FKMM21]. **compressing** [Cos22]. **compression** [Cra21, CMR21]. **comprised** [FS20]. **Computation** [SK21a, Bol21, CHHS20, DK21, MC21a, NV23b, OSC20, Var21, Zhe20]. **computational** [Bai24, Men22, Sim20]. **computations** [MPR22, MMV22, Mar21, Yan21]. **computed** [CKTP20]. **computing** [AHZ22, KK20a, NV23a]. **Concavity** [CZ22a, Shi20a, BW24, BO23, Nie24]. **Concentration** [HW20]. **concentric** [PW21]. **concept** [KP21, SG20]. **concerning** [CJ20, FdCS20, GAM20, Gye23, Iop20, Miy24, QJW20, Row20]. **condition** [AJNS24, BCR+23, BS20e, CV21, DBV23, Gal21, GLZ21, fLLV20, LG21a, Pra20, Sch23, Van24b]. **Conditional** [BCE21, EM23]. **Conditionally** [JJLS23]. **conditions** [BP21b, BP23b, HMPT20, HWD23, Kub23, LBW23, Pri22, Tsa23, WZC23, ZWL20b, ZWL20a, ZBWL20, ZL23c]. **cone** [CIM22, GH23, GNR20, LV22b, MC21b]. **cones** [GKS21, HS23b, MS24, ST20]. **Conference** [AHKT21]. **configuration** [cRLY20]. **configurations** [CDG22b, Sud22]. **conformal** [BF24a]. **Congruence** [BFMS21, HWK21]. **congruences** [DY23a]. **conic** [LPV21]. **conjecture** [BD21a, BCM21, Buc20, CLL20, CJ20, CLwW22, Coo21, FdCS20, GPRT20, GdM23, Gau24, HLH23, HD22, KL21a, Loe23, LZ21b, PPW20, Roc20, SD20, SL20b, SD21a, SD21d, Tur21, WZ23a, XZ23, YW22, ZL23b, ZHSX20, TT24]. **Conjectured** [DID22, ELW24, GAMA20]. **Conjectures** [BC22, KK22a, BEHK22, GLLZ20, KK20b, SD21c]. **conjugacy** [PPŻ21, Pan22, PPŻ23]. **Conjugate** [EL20, CF24, ES20]. **Connected** [LTYZ23, AHLvdH21, CCPKP20, CLL20, CLT22, HLS21b, Kha24, dSP20a, SS21b, WFGT20, WG20a, WZW+21, WLT22, ZG22, ZWL20b, ZWL20a, ZBWL20, ZWT21]. **connection** [VS23]. **Connectivity** [CDS21, HLX20, BEHK22, DPR20, HS22, HWD23, WYF+20]. **conquer** [BT20a, XBSF23]. **Consistent** [Ais24, LG21b, SDTR23]. **consisting** [SZ20]. **constant** [JKS23, LL20, LLSV21, Rub22]. **constants** [CN24, Mło22, RT23]. **constrained** [fLLV20]. **constraint** [ZMP23]. **Constraints** [CFKO21, Coo21, BES21, PS22, SDS21]. **Constructing** [HLS24, Kin21, LL21d, HJBKR24, XBSF23]. **Construction** [APNP+21, CL21, AO22, CT20, ET20, cRLY20, PM23, QJW20, VS21]. **Constructions** [BC24, CXZ22, AM21, BRL23, ZT23].

contain [Vit21]. **containing** [AS20a]. **contingency** [PP20]. **Continuity** [CG20, RW21a, Car21]. **continuous** [Zha22]. **continuous-time** [Zha22]. **contour** [FP21]. **contracting** [LC20]. **contraction** [AWvW24]. **contractions** [LZ21a]. **contractivity** [BCE21]. **control** [BPZ21, Dra22, Ost23, WES21, ZK21]. **controllability** [AD20a, AD20b, BPZ21]. **controllable** [DYLL23]. **Convergence** [CW21, ABCH23, BWW21, BDFF23, Har22, SDTR23, YOV21]. **converters** [GS21c]. **Converting** [DGS21b]. **Convex** [GKS21, MS21, JJL20a, Sán21, ST22, ST20]. **Convexity** [CF22, EMŠV22, San23]. **Convolutional** [HNS21, NPR22]. **coordinates** [CR23, FM22a, Sar21]. **Coordination** [FT23]. **copositive** [LV22b, LHFL20]. **copositivity** [Ans21]. **coprime** [Var21]. **corank** [EG20, Kop20, SZ21]. **core** [BCG24, WJLW24, Mif21]. **core-nilpotent** [WJLW24]. **corners** [MRZ20]. **corona** [LLH20]. **corona-type** [LLH20]. **coronae** [SC20b]. **Correlation** [BAPF23, GQZ20, Li20a]. **correspondence** [WvdVvdH24]. **corresponding** [BLS20, FKKM22, PPŻ23, RS21a, TV21]. **Corrigendum** [AD20a, Ali20, AG20, BP23b, BDHS23b, BKSP23, CdGS20, FJS21, FHMP22, Hou20, JLM20a, MH21, PW20, Sło21a, SD21a]. **cosine** [HJBKR24, SS24b]. **Cospectral** [ADHS23, GZ22, KSSW20, LWYL20, QJW20]. **Cospectrality** [MPRS21, Her20]. **costly** [OPA23]. **countable** [LL20, dSP23a]. **counter** [Sło20, Sło21a]. **Counterexamples** [CLwW22, CDPR23, FJS17, FJS21]. **Counting** [Rei23]. **coupled** [GP21, ZBdAF20]. **couplings** [OSC20]. **Covariance** [RRvW24, GZ20a]. **covariant** [LCH23]. **cover** [BK22]. **covered** [WZC23]. **covering** [AADT23]. **Cowen** [JKX20]. **Coxeter** [Sim20, Sim21, SZ21, SZ22a, dlPG21]. **CP** [ZBdAF20]. **Cramer** [NWW20]. **criteria** [SlW22]. **criterion** [MMW22]. **Critical** [DLL23, BM22]. **Cross** [DGET21, CKM20]. **Crouzeix** [Li20b, PPW20]. **cubic** [CH21]. **Cuntz** [ACSS22]. **curvature** [ÁVKP20b, Sic21]. **curve** [GQZ20, LPS23, SS23b]. **curves** [BdPS21, Hom20, NYW22, Sán21]. **Cut** [Mis22, Nic20, AdLN23, FYS$^+$23, MMP21]. **cut-and-project** [MMP21]. **Cvetković** [KKOO22]. **Cvetković-type** [KKOO22]. **cycle** [BAPF23, TCC21, ZWF20]. **cycles** [AAH$^+$22, AGNN20, ACDG21, CWZ22, CP21, Des24, GMSG22, JMP21a, KSY21, LW21a, LY23, LG21a, LWYL20, MLZ24, dSP23a, RDFM23, SMA20, SD21c, Tho22, ZLLZ22]. **Cyclic** [BDvW24, Bol22, CL21, CKLN23, DdR20, Gau24, Mig21, ZT23]. **cyclicity** [KCPMNS21]. **cyclicly** [KS23a]. **cyclomatic** [WWJ20].

D [SV21]. **DAHA** [Lee20]. **damped** [YGW20]. **data** [ADGK21, APLN$^+$23, CLS20, SL20a, XBSF23, YGW20, ZW20]. **decay** [BR22]. **December** [Ano20-55, Ano20-66, Ano21-62, Ano21-67, Ano22-69, Ano22-66, Ano23-61, Ano23-62]. **decoding** [NPkT21]. **decoherence** [FOR22]. **Decomposable** [PM23]. **Decomposition** [Kor21, ÁVKP20a, AOZ23, BES21, Bhu24, DGL23b, FRS21, Gal21, GSS24, JMP21a, Kim20, LY20, MMV21, MQW20, Pre20, SZH22, Ste21b, VB20, VCR21, WJLW24, Wój20, WX20]. **decomposition-based** [GSS24]. **Decompositions** [BDHS22, BDHS23b, BR23b, CCP22, DGL23a, DID22, DBV23, Ham23, HS23a, LDW21, MO20, OPA23, SDS21, ZBdAF20]. **deconvolution** [GZ20a]. **decrease** [KS23a]. **defective** [FFSW23]. **deficient** [DB23]. **defined** [KSY21]. **definite** [Bar21b, BL24, CRR20, CIM22, GT21, Har22, IB22, JJLS23,

LWW22, Lim21, Min22, MS24, Sra21]. **definiteness** [BCE21]. **definition** [BEFSC22, ACM22]. **deflating** [ADGK21]. **deformations** [FKK+21b]. **deformed** [CKOS22]. **degenerate** [CDdM22, GNP22, Lee20, VMB22]. **Degree** [SGGZ21, AIK+24, BFF+23b, CLL20, CLT22, GMR22, HHS21, Hom20, HLYZ21, LLW20, LLW21, LW21b, LLA23, LW21c, NdLO21, WG20a, WYF+20, ZWW23, ZWL20a, dLMO20]. **Degree-based** [SGGZ21, LW21b]. **degree-distance-based** [LLW20, LLW21]. **degrees** [WWT20]. **Delannoy** [YZY24]. **delay** [WXL24, XJLL23]. **Deletion** [AWvW24, SD21a, SD21d, TLC20]. **Deletion-contraction** [AWvW24]. **Delsarte** [BMS21]. **delta** [FISW21]. **demystified** [CCCS21]. **dendrimers** [DFS23]. **dendrite** [XY20c]. **dense** [AM23a]. **Density** [BHKW22, BMR23]. **dependence** [CZ20a, Lim22b]. **depth** [SS21c]. **derivations** [Bez22, BDV21, HKS23, JLM20a, JLM20b, LS20b]. **derivative** [Sin21, ZX20]. **derivatives** [RMG24, Sch23, Ste22a]. **derived** [CIM22, LNN+20]. **descent** [DAG21, HP23b]. **descriptor** [DYT22]. **design** [AKPS19, GCOP24, KAPS20]. **designs** [BMS21, BNS22, Gol20, HW21b, RC23]. **detection** [CT20]. **determinant** [ABW22, BT20b, Dom20, DGS+21a, LS20c]. **Determinantal** [Tsa23, BR21, CN22, GAMA20, GAM20, Koz21, Sos23, SW21]. **Determinants** [Bri22, Guo22, Sha22, Gil20, Kus23, MSX22, OP21, Shi21c, dC21]. **Determination** [Sta23a, CWBB23]. **determine** [LWW22]. **determined** [AGNN20, AEGV21, BB22, CW23b, QWW21, Zha21]. **determining** [KK22a]. **deterministic** [CMS21, Ghi20, OW23]. **Development** [BP21b, BP23b]. **developments** [GPRT20]. **Diagonal** [BL24, JMPS24, APNP+21, BS20d, Bot21, BW22, GGGD23, KS23a, KP21, MRZ20, MG21, Mil24, NS21, TJ21]. **diagonalisable** [CFK+20]. **Diagonalizability** [AdlCPS20]. **Diagonalizable** [HLYZ21, AAF+21, CFSiT20, FFSW23]. **diagonalizably** [AMS21]. **diagonally** [CKM20, JMPS24]. **diameter** [ABH+23, FW22, HLS21b, HLS22, IKPR20, JLW22, LBW23, XZ23]. **dichotomy** [BCG24]. **dichromatic** [YBW24]. **dictionaries** [SC20a]. **dicyclic** [ASG22, BL22]. **differ** [Alf20a]. **difference** [CER+23, FISW21, LH21, MH20, MH21, OJQ20]. **difference-1** [OJQ20]. **differences** [BGOO21]. **differentiability** [Roy24]. **Differential** [Nar23, Riz23, GP21, LMR21, Shi20a]. **diffusion** [Est20]. **digraph** [BGGA22, CGMP23, GS23a, KKS21]. **digraphs** [AMR20, ADGKM21, BCE+23, BCFT21, BCF+20, CHSW22, FPS22, GMR21, GM23, Her20, KKOO22, LLWW23, LS24b, Moh20, Mor20, O.22, TFT20, YBW24]. **dilations** [FFSW23]. **dimension** [JMPS21, JCD24, LLSV21, dSP23a, Szc21, Yos21, ZG21]. **dimensional** [AKPS19, BS21a, Ban22, Bla20, BFPS21, CM23a, CG20, CdGS12, CdGS20, ĆD20, ĆD23b, DGdSS23, DJ22, FN23, GS21a, GLT23, Ime23, JL22, KAPS20, KY21, LNN+20, Li20a, LM24, O'L23, SZH22, SS23c, ZZJ23]. **Dimensionally** [MKE+20]. **Diminimal** [ABH+23]. **Diophantine** [QSS22]. **direct** [AS20a, GNP22, HS23a, KS20a, MvWC23]. **directed** [BES21, Bol21, GM20, LL21c, Pik23]. **directional** [AKPS19, GS21c, KAPS20]. **Dirichlet** [dC21]. **discontinuity** [CG20, Mis22]. **discontinuous** [FSRVSST22]. **discoordination** [FT23]. **discrepancy** [ZS22a]. **Discrete** [BCNS22, Ruž21, UZ21, AV23, CF24,

CMS21, DK21, EAHS21, Lew21, Mar24, WXL24, XJLL23, Zem22, Zha22]. **discrete-time** [CF24, CMS21, DK21, Lew21, Zha22]. **disjoint** [HO20, ZLLZ22]. **Dispersing** [MRZ22]. **dispersionless** [VS20]. **Disproof** [HLH23, YW22, SD21c]. **dissipative** [GS21b, MMW21]. **Distance** [AT20, AGNPSE23, IKPR20, KAGH24, LZ20, LL21e, MT21b, MMW21, WZFW23, ZLLZ22, Alf20a, Alf20b, ABG20, AS22, BBG21, BS20e, BJP21, BEF20, BNS22, Bud24, BLS20, CN24, Dev22, DGS+21a, Ere21, Est23, FM20a, GK22b, Goe21, GS22, GLT23, HSS+21, HP22, HD22, JGZ21, JT24, LLW20, LLW21, LQL21, MK23, MC21a, Mif21, Mor23, PGRU20, PK21, QLCM20, SL20a, SD21a, SD21d, TLC20, WZ23a, WFY24, XLS20, Zha22, ZvD23, ZTX24, MT21b]. **distance-biregular** [FM20a]. **Distance-regular** [IKPR20, KAGH24, GK22b]. **distances** [BMPS23, SL20a, TXF24]. **distillation** [QCCS21]. **Distinct** [KK24, AFK+23, ABR21, Bar20, BFF+23b, BFF+23a, BBC+22b, FM22b, GHL+24, Kub22, MP21, Rei23, Row20, SSS21, Zha21]. **distinction** [BD21a]. **Distinguishability** [DYT22]. **distinguishing** [KMNP20]. **distributed** [BHD+21]. **Distribution** [Lub22, ŠH21b, AAFT22, AADT23, Bou21, CM23b, WYF+20, XZ23]. **distributions** [CT24, RW22]. **divergence** [DLVV21, PV21a]. **divergences** [LL21a, Sra21]. **divide** [BT20a, XBSF23]. **divide-and-conquer** [BT20a, XBSF23]. **divided** [BGOO21]. **Divisibility** [GR21, CWBB23]. **division** [BDHS22, BDHS23b, Bol22]. **divisor** [CPS20, CN23b]. **do** [CGJvB22]. **does** [LWB20, Sta20b]. **domain** [Gal21]. **domains** [Nag23]. **dominance** [KP21, MG21]. **dominant** [CKM20, JMPS24]. **dominating** [LTYZ23]. **Domination** [XLYS20, AAFM23, HLH23, LLX23, WYF+20]. **Double** [ABHR22, AdST22, DvDW23, RS21a, Sta23a, SS23c, ZZ20]. **double-structured** [RS21a]. **Doubly** [Djo23, APNP+21, CC22a, GK20, JJL20b, KK22a, PSAPNV20, RX21, SM23]. **doubly-nonnegative** [RX21]. **Douglas** [JKX20]. **Drazin** [BR24]. **Dual** [WJLW24, ANAS20, AP23, GKLZ20, JN22, KCML20, Lee20, LT24, SZ22a, TT21]. **duality** [LTTW22, Phu24]. **due** [SD21a, SD21d, TLC20]. **DXZ** [DID22]. **Dynamic** [AHNW22, YOV21]. **Dynamical** [AP23, CFKO21, GP20, KHU23, Rei23]. **dynamics** [CKOS23, GGGD23, Phu24, RMP21]. **Dynkin** [MP23b, Sim21, WWG22, Wan23].

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framed [ABHR22]. **framelets** [AKPS19, KAPS20]. **Frames** [GIJM22, ANAS20, AP23, DO22, FS20, LL21d, LM22b, NS22]. **framework** [BF21]. **frameworks** [KNS20]. **Fréchet** [Sch23, Shi20a]. **Fredholm** [Djo21]. **free** [AM23a, BES21, Bas21, BHKW22, Csi22, Got20, LNP21, LLW23, LMX23, MT22, MLH22, WCF21, WHL24, Wan24, Zak21, ZY24]. **free/** [MLH22]. **Frequency** [BW21]. **Frequency-** [BW21]. **Friedland** [CLwW22]. **Frobenius** [CKOS22, KZPH22, KPP21, Lin23, TXF24, XY20a, ZC23]. **Fucík** [Mar24]. **Full** [TW21, HH23a, LNP21]. **fully** [Tan23]. **function** [FKMM21, GvRR+23, IIM+21, KW20, Kli20a, KKS21, MQW20, WXL24, Zhu21]. **functional** [Bay24, EMŠV22, Rei23]. **functionals** [RRvW24]. **Functions** [BCR20, AS20b, AL21, AL23b, AV23, AdF20, Beh21, BO23, Car21, FSRVSST22, Guo22, GJKM21, JLM20a, JLM20b, Kad20, KS23b, Li20b, LLH20, LWW22, Mor20, Nag23, ST22, Sch23, Shi20a, Skr21, SC20b, Yaz21, Zak21]. **Functors** [Ago24]. **Fundamentals** [CCD+22]. **Further** [DYLL23, GPRT20, Nie24, SZ23b, ZT23, ZBCI21].

Gabidulin [BZZ22, Ner20]. **Gaddum** [CLM20]. **Gain** [CDD21, BBCD21, BBC+22a, HHD20, KKP21, Kha24, LW21c, LWH21, SK21b, XZWT20]. **Gain-line** [CDD21]. **Galerkin** [KHU23, Pra20]. **gap** [Ces20, CMS21]. **Gateaux** [Sin21]. **Gau** [CRSY22]. **Gauss** [BWW21]. **Gaussian** [BAPF23, SG20]. **GCD** [GR21]. **general** [BP23a, CEM21, DYB20, DW21, HCZ20, HBHZ24, JST21, PQ22, PV21a, TL21, AS20a, Pre20]. **Generalization** [AOZ23, KP21, CKOS23, De 20, MG21, SMA21, ZW21]. **generalizations** [BD21a, Fid22, HVX23, ZJCA20]. **Generalized** [BCR20, DF20b, GQZ20, Ham23, LWYL20, MQW20, PPŻ21, QJMW23, QQM24, Ste22a, ADHS23, AKVS23, AHV20, ABG20, AO22, APLN+23, BGGA22, BDK21, BHBO21, BL22, Beh21, Bur21, CWW24, CV21, DG20, DLL23, FB21, Gor24, GZ20c, Har22, HMPT20, IIM+21, JGW24, JLM20a, JLM20b, KNiO23, KMP23, KLR22, LL21c, MMP21, Ner20, NN24, PGRU20, Pra20, QWW21, Roy24, SMA20, SS21c, YW22, TT21]. **generalizing** [Cia20b, LWZL23, LL24b]. **generated** [BDHS23a, Kol21, LW21a, XTLK23]. **Generating** [BS21b, BS20d, Yaz21]. **Generation** [EV20, GNP22]. **generators** [CFKO21, dBS20]. **generic** [BBS20, Com21, KK20a]. **genetic** [Pan21]. **genus** [BDV21]. **Geodesic** [DF22]. **Geometric** [Got20, LS24b, CMM20, DY23b, EHS22, FH23, FJ24, GLT21, HS23b, LMW21, RRvW24, SKS22, TJ21]. **Geometries** [CIM22, Adr22, SZ21, SZ22a]. **Geometry** [Win21, AG24, BPZ21, CCH+21, FK21, GIJM22, MS22, NXS23, LR23]. **Gerstenhaber** [dSP20b]. **girth** [AIK+24, DY24, HLX20, HXLL21, Kha24, WLT22, ZWT21]. **given** [AMR20, AIK+24, BP20, CZG21, EG20, FY23, FW22, HLX20, HLN24, HLS21b, HLS22, JLW22, LJSZ23, LZ20, LLX23, LW24, MLH22, Ros22, SWW21, XBSF23, YBW24]. **global** [CZ20a, MORŠ21]. **globally** [WW20]. **GMRES** [CLS24]. **Godsil** [BBCD21, QJW20]. **going** [MZZ24]. **Gordon** [FGPW24]. **Gorenstein** [Alt22, MRT20]. **gr}** [FK23]. **gr}-PI** [FK23]. **Graded** [CDdM22, DRG24, FGDY20, FKM22, Fid22, Gor24, BCS24, CdSV22, DdR20, GLNW24, GFD21, dAGK21, Iop20, IdSSV21, RT21, Yas23]. **gradient** [DAG21, FGM21]. **grading** [CdSV22, FGGG24, FKM22]. **Gradings** [AOCM20, GLAdS23, AOCM21, BDvW24, CDdM22, DGET21, DP21, Eld22, FGGG24, GdM23, Gor24]. **grafting** [LC20, XW21]. **Gram** [CLRT22, KK22b, May21]. **graph**

[AAFM23, AFSS20, AAFT22, AD24, AA21, ACDG21, BBG21, Bol21, CLS20, CPS20, CLM20, CG22, CvDB23, CLL20, CLT22, CMP21, Csi22, DJ23, DAG21, ET20, FHLS22, FM22b, Fio20, GH24, GK21, GZZ21, HHD20, HLN24, IIM+21, KKSV21, KIS21, KK22c, KK24, KS22c, LZ21a, LW20a, LMG20, LOŠ23, LW21c, LW21d, Mar21, MLZ24, MS20b, MH20, MH21, MP23b, MPRS21, PŠ23a, QJMW23, SK21b, SS21c, Sta23b, SD21a, SD21d, TW22, Van24a, WWT20, WWJ20, WFGT20, WG20a, WG20b, WYQ21, WZW+21, WWG22, Wan23, WFL20, WZFW23, XWT20, XLS20, YWF21, ZXZW23, Zhu21]. **graph-regularized** [DAG21]. **graph-related** [Van24a]. **graph-theoretic** [Mar21]. **graph-vectors** [QJMW23]. **Graphical** [Gol20, NS21]. **graphons** [Mis22]. **Graphs** [ABSV21, ABR21, CL22, CT23, LWB20, WQP23, Zha21, ZL22, ZW22, AHZ22, AAHV22, AFK+23, ADHS23, AJM21, AJM24, AAF+21, ASS21, AFSS20, AIK+24, AGH20, AFG+21, AAAH22, AL23a, AdL21, AdLN23, AT20, Alf20b, ABG20, ALMZ+20, ABR+22, ARS24, ADvdH21, AHLvdH21, ADvdH23, ADH+24, ASG22, BP21a, BV24, BHHP21, BEHK22, BFF+23b, BFF+23a, BES21, Bas21, BAPF23, BL22, BL23, BC21, BBCD21, BBC+22a, BP20, BDVR21, BS23b, CZG21, CW22, CCPKP20, CGP22, CDD21, CK23a, Ces20, CFK+20, CCD+22, CDS21, CLZ20, CH21, CWZ22, CLM22, CHHS20, CN24, Cia20b, CP21, CDG21, CDG22a, DF20a, DDFM+21, DS22, DKL+22, DPR20, DGS+21a, Du23, DdF23, DYLL23, DH23, DY24, Ere21, EGK+24, EG20, EHS22, Est20, FCLP22, FY23, FLRS20, FW22, FM20a, FS23, Gan23, GPRT20, GR22, Ger20, GLHNW20, GK22b, GM20]. **graphs** [GL20b, Goe21, GKLZ20, GKK+20, GLZ21, GLMM23, HO20, HT23, HSS+21, Han21, HLX20, HXLL21, HP22, HBHZ22, HWD23, HBHZ24, HLS21b, HLS22, HD22, Hua22, IKPR20, IMT20, JMP21a, JGW24, JZZ24, Kad20, KB22, Kad23, Kak20, Kha24, KGYY23, KAGH24, KS23c, KMNP20, Kub22, Kub23, KLR22, LW21a, Lee20, LOŠ22, LW20b, LLW20, LC20, LLH20, LLW21, LQL21, LQ21, LTYZ23, LY23, LJSZ23, LOS20, LOŠ21a, LG21a, LLW23, LWYL20, LDSS20, LHH22, LMX23, LLX23, LW24, LZ21b, LLA23, LWH21, LLL22, LDW21, MA24, MMN22, VJ24, MLH22, Mło22, MR21b, Nic24, NdLO21, O.21, OJQ20, Obo22, Obo24, OPPS22, OdFVM21, PPŻ21, PPŻ23, PGRU20, PK21, PV21b, QLCM20, QJW20, QWW21, QJMW23, QQM24, RFP22, Rei23, RRvW24, RDFM23, Row20, RS21b, SMA21, SS21b, Sic21, Sim21, SZ21, SZSMB20, SSS21, Sta20b, SD20, SD21b, SLL22, SC23, Tan23]. **graphs** [TTV23, TLC20, TWW20, TCC21, TW21, TT24, Tur21, UZ21, VTBC20, WH20, WCF21, WHM23, WLL23, WZC23, WHL24, Wan24, WLT22, WFY24, XZWT20, YK21, YW23, YLZH21, YD21, Zak21, ZXL20, ZWF20, ZY24, Zha22, ZG22, ZWW23, Zha24a, ZHG21, ZHW21, ZL23b, ZWL20b, ZWL20a, ZBWL20, ZWT21, ZvD21, ZL23c, dLMO20, JLW22]. **graphs/networks** [Est20]. **Grassmann** [ADHS23, FGGG24, GFD21, dAGK21, Lee20, LIW20, PPŻ21]. **Grassmannian** [HPSZ21]. **Grassmannians** [Pan20]. **greater** [LLL22, NdLO21]. **greedy** [KHU23, LG21b]. **Green** [GJKM21]. **grid** [DL22]. **Grothendieck** [Chr24a]. **group** [ASG22, BMR23, BBCD21, BR24, BS21b, CEJM21, CDD21, Ces20, Cob22b, Coh20, DHR20, Eld22, EV20, Gor24, KLS21, LW21a, LWW22, Oli21, PR22b, SS24a, Sło21b]. **groups** [BSS23, BCNS22, BFO23, BL22, BL23, BDHS23a, CK23a, CXZ22, DF20a, DZCY22, DdR20, DLL23, Dra22, FKK21a, GG21, GLZ20, HWK21, JJL20a, KB22, LM24, Pan23, Pre20, RT21, SZ22b]. **Grover** [IMT20, Kub22, KS22c, SMA20]. **Growth**

[Bui21, BCS24, GQZ20, IdSSV21, Riz23, Ros22]. **Guarantees** [MB20, HJBKR24].

H [CWBB23]. **H-shape** [CWBB23]. **Haagerup** [Ali20, HAD19]. **Hackbusch** [Buc20]. **Hadamard** [FJS21, AAF+21, BBCK24, BS23b, CFK+20, DD23a, FJS17, HW21a, HY20, HK20, Le22, LH20, LS20c, MSX22, RW21b, Tei22]. **Hadamard-type** [Le22]. **Haemers** [ACG+21, De 20]. **Hafnian** [KKT22]. **Hahn** [FG23b, Lee20]. **Half** [He20]. **Halin** [CLM22]. **Halmos** [XY20b]. **halves** [SS23c, YY23, YZY24, ZZJ23]. **Hamburger** [FKKM22]. **Hamilton** [AS23, Mur22, SSvW20, ZWL20b, ZWL20a]. **Hamilton-connected** [ZWL20b, ZWL20a]. **Hamiltonian** [Ayd23, FCLP22, FGPW24, GS21b, LWYL20, MMW21, SS21a, ŠH21b, ZS22b, dlCP20]. **Hamiltonians** [Lim22b]. **Hamiltonicity** [FKK21a, ZBWL20]. **Hamming** [BMPS23]. **hand** [Hal20]. **Hankel** [Bou21, Dom20, DG22, FGM21, GW22, KPP21, SS20]. **Harary** [CC22b]. **hard** [DL22]. **Harmonic** [FS20]. **Harmonious** [XY20b]. **Harnack** [JL20, YZ20]. **Harpe** [Ali20, HAD19]. **Hartfiel** [Mao20]. **Hausdorff** [FKM20]. **having** [CDG22a, GZZ21, LNN+20, TW21]. **Hecke** [Wie22]. **Heisenberg** [FKM22]. **Hellinger** [DF20b]. **helm** [Goe21]. **hereditary** [AT24, Yan22]. **Hermite** [CLLK21]. **Hermitian** [BN23, BLMT21, BR22, BDI20, CN22, FM20b, GM23, GM20, GL22b, IB22, Kli20a, LR23, MSZ21, MRV20, Moh20, Sta21, SZ20, ZFZ20]. **Hermitians** [DM24]. **Heron** [MS24]. **Hessenberg** [BFMM23, CCGV+20, Lee22]. **Hessian** [Yaz21]. **hierarchical** [IB22]. **High** [ZBdAF20, BBS23, XJLL23]. **High-order** [ZBdAF20, XJLL23]. **Higher** [Kak20, RMG24, BdPS21, HX24, HLYZ21, PW21, SH20, Sch23]. **higher-order** [Sch23]. **Higher-rank** [Kak20, BdPS21]. **Hilbert** [ANAS20, BM22, DP23, FG23a, Fra22, MPR24, Min22, OM20, Pan20, XY20b, ZW21, Zam23, hB21]. **Hilbertian** [BKPS23, MXZ20]. **Hilton** [WXY24]. **hitting** [LV22a]. **Hoffman** [Hae21]. **holds** [Roc20]. **Homogeneous** [Lim22a, BGOO21, DG20, DR20, FGGG24, HCZ20]. **homomorphic** [Tsa23]. **homotopy** [KW20, NS22]. **Hong** [Sta21]. **Horadam** [ACOM21]. **horizontal** [MG21]. **Horn** [BJ20b, SZ22a, ZX20]. **Householder** [CP20]. **HS** [KB22, Kad23]. **HS-integral** [KB22, Kad23]. **Hubs** [Est20]. **Hubs-repelling** [Est20]. **hulls** [CK21, Cos22, JJL20a, KS20a]. **Hurwitz** [AOCM21, BBCK24]. **hybrid** [HH23a]. **hyper** [AL21, CR23]. **hyper-positive** [AL21]. **hyper-ranges** [CR23]. **hyperbolic** [AG24, BG20, SS24b]. **Hyperbolicity** [GL22a]. **hypercontractivity** [JKX20]. **hyperdeterminant** [AY23]. **hypergeometric** [BSS23, VS21]. **Hypergraph** [GFW24, CB21, CvDB23, CTS23, CZ20b, SWW22, WSW20, WS22, YYS+21, Zhe20, Zhe21]. **hypergraphs** [AMZ21, Ban21, BP23a, CHT20, CDVPT22, CC22b, Coo20, CO24, DW21, FYS+23, GRR22, HCZ20, KLLW21, LL21c, LYZ23, MV24, SSP22, SB20, SWW21, XW21, XHW23, ZLG20, ZZ21, ZKLS20]. **hypermatrices** [GF20]. **hyperovals** [DG20]. **hyperplane** [HMS21]. **hyperstars** [DvDW23]. **hypersurface** [ÁVKP20b, BR21]. **hypersurfaces** [DFH+20]. **hypertriangles** [DvDW23]. **Hypoenergetic** [ADGKM21]. **hyponormality** [BCE21]. **HZ** [Har22].

ideal [PSW23]. **idealization** [FP22]. **Ideals** [VMB22, AT20, Alf20b, ABSV21, Bot21, CDG22b, DJ22, JLM20a, JLM20b, KLR22, LNN+20, LP21, Mań22, Wer22]. **Idempotent** [BDSS21, BM20, Bri22, HL20, SZ22b, TXF24, WZ23b, XTLK23, ZTX24].

Idempotents [EAHS21, BR24]. **identifiability** [AC20b]. **Identifying** [HW21a, Mań22]. **Identities** [CdSV22, LP22, BC23, CDdM22, DdR20, DGdSS23, DRG24, FKM22, Fid22, GFD21, dAGK21, Nar23, Uru22, dMdSS23]. **identity** [SSvW20]. **Ihara** [IIM+21, SC20b]. **IHS** [OPA23]. **II** [AS20a, CG20, Cra21, KS23b, KP22, LL24b, SS22, Sim21, SMM24, Wój22a]. **III** [dSP20b]. **ILAS** [AHKT21]. **image** [WZL21]. **Images** [Vit21, BHBO21, CLW22, dMdSS23]. **Immanant** [BS24a]. **immanants** [CK24, DGS21b]. **imperfect** [Los21b, Sar21]. **Improved** [AL23a, Bhu24, FQ20]. **improvements** [KZ23]. **impulsive** [SLTW22]. **in-betweenness** [DF20b, DF22]. **In-evolution** [Pan21]. **Incidence** [GRR22, CCKM22, DHR20, FP22, GK22a]. **inclusion** [BS23b, Cos24, YLCB21]. **inclusion-exclusion** [BS23b]. **indefinite** [Boj21, BKS+21, Kov20, Ran22]. **independence** [ABC+22, CDG21, Fio20, HH23b, HLN24, Nic24]. **Independent** [Pat20, GLP21]. **Index** [LH21, AA21, BL23, CT23, CHY20, CMR20, DY24, FYS+23, GMR22, HD22, JKS23, JLW22, KL21c, LTYZ23, LMX23, ŠH21a, Šte22b, SSvW20, TCC21, ZL22]. **indices** [ADMZ21, ALMZ+20, BPZ21, FLRS20, LW21b, WFL20]. **induce** [Kub23]. **induced** [GLAdS23, GOUY23, Gow20, ST20, Sra21, Yam21]. **inducibility** [MDH23]. **Inequalities** [JLM20a, JLM20b, ANBK22, Ala21, AHK23, BDK21, BDN24, BS22, BP21b, BP23b, BL20, CZ22a, CLM20, Chr24a, ES20, FH23, FLT20, GAM20, Gow20, HW20, HVX23, Ime23, JJL20b, Le22, LS20a, Li20a, LH20, Li22, MPS22, MJ24, MKE+20, MXZ20, PLT23, RT23, SKS22, SZ23b, YZ20, dVLG23]. **inequality** [Ali20, BMS20, BS23b, CKOS23, DA23, De 20, Dru24, GOZ21, GAMA20, HAD19, JL20, KMP23, LF20, LS20c, Mao20, Naj20, PPW20, QCCS21, RW21b, Sos23, ZJCA20]. **inertia** [DY24, WFL20]. **Inertias** [BCOvdD23]. **inexact** [WCS20]. **infinite** [Bez22, CG20, Fid22, GJ23, HLZ17, Hou20, Men22, Rob20]. **infinite-dimensional** [CG20]. **infinity** [WES21]. **Information** [MS22, BS20b, FT23]. **Inheritance** [CF24]. **injective** [LCH23]. **Injectivity** [GRR22]. **inner** [BKR+20, BNS22, BDV21, CS20, Fek20, Ran22]. **inspired** [BS20e]. **Integer** [AJM21, HLS21a, AJM24, Ans21, KS20b, Kop20, NPkT21, PV22, Sim20, VS20]. **integers** [CLS23]. **Integrability** [DGKP24]. **Integral** [BDVR21, Ger20, GKLZ20, PV21b, Sch23, WH20, ÁVKP20b, ABR+22, BL23, KB22, Kad23, MZ22, NdLO21, OPPS22, Sha22, dLMO20]. **integrality** [WFY24]. **integration** [NS21]. **interlacing** [CZ22c, LZ21a]. **interpolation** [Bol22, GS20a]. **interpretation** [PV21a]. **intersecting** [DKL+22, Des24, HLS24, MLZ24, WXY24, ZHG21]. **intersection** [BMR23, BFPS21, CVV21]. **Interval** [CK21, Rub21, AG21, Bib22, MP20b, MP24, NN24, Obo24, SL20a]. **Intervals** [CS21]. **Introducing** [ZS22a]. **invariance** [GH23]. **Invariant** [Lim21, ANBK22, AG15, AG20, Che22, CKLL20, CMP21, DLL20, GG21, GGGD23, KK20a, KLLS22, LR23, NNSS20, RMP21, TP23, WW20]. **Invariants** [GCOP24, ÁVKP20b, CL20, CN23a, Elm23, KY21, LM24, NPHT20, Oli21]. **Inverse** [CN22, DMS20, GK20, PSAPNV20, YGW20, AAMR20, APLN+23, BBG21, Beh21, Bol21, CEJM21, CS21, CCK21b, CN21a, CESS21, FHLS22, FG23a, GR22, HLW23, JCD24, LOŠ21a, LOŠ23, MvWC23, RX21, SM23, SS21c, WCS20, dAdCG+21]. **inverses** [Dra23, GZ20a, JMPS24, KLS21, MR21a]. **Inversion** [AHV20, PŠ23a, RS21a]. **invertibility** [BR24, Cos20b, Sch24].

invertible [FM22a, Loe21, dSP23b]. **Involution** [BDHS23a, BCS24, CdSV22, DRG24, HS20, Iop20, IdSSV21, PS20, Uru22]. **involutions** [AdlC20, BDHS23a, EV20, FGDY20, FP22, HLZ17, Hou20, HHS20b, RAK21, Sło21b]. **Involutive** [BW22]. **involutory** [CCK21b]. **involving** [AHK23, ACOM21, LLA23, ZWW23]. **irreducibility** [MG21]. **Irreducible** [CCU21, Wie22, Dra22, Hu21, Miy24, YLZH21, GHL+24]. **irregularity** [LYZ23]. **isolated** [AHV20]. **Isometric** [CFSiT20, AV23, JJS20a]. **isometries** [BCG24, BG20, BKS15, BKSP23, CR23, CAEH+22, GS21a, GL22b, IKLP20, IOT21, MS21, SMP24, Sán21]. **isometry** [BL20, Sat21]. **Isomorphism** [WZ23b, KK22b]. **isomorphisms** [CMM20, EE23, FP22]. **isospectral** [KSSW20, PV21b]. **Isospectrality** [PW21, vdMvSW24]. **isotropic** [Car21]. **issue** [GLT23, AHKT21]. **iteration** [KLS23, Rob20]. **iterations** [BKRS20, WW22]. **Iterative** [HH23a, ABCH23, DL22]. **iteratively** [CW21].

Jacobi [AM21, APLN+23, CN22, IB22, SS20, VS20, XBSF23, YOV21, ZW20]. **Jacobsthal** [ACOM21]. **James** [AGK+21]. **Janeiro** [AHKT21]. **January** [Ano20-69, Ano20-56, Ano21-68, Ano21-70, Ano22-67, Ano22-68, Ano23-60, Ano24-39, Ano24-29, Ano23-70]. **JB** [CWW24, CAEH+22]. **JB-algebras** [CWW24]. **Jensen** [Sra21]. **Jiang** [WW20]. **Johnson** [ADHS23, AHM20, MB20]. **join** [AFK+23, CGP22, SMA21]. **joining** [AS24]. **Joins** [SB20, ĐMM+22, LOŠ22]. **Joint** [Pik23, Bui22, CMS21]. **jointly** [BO23]. **Jordan** [AM21, AMO24, AHV20, Alt22, AO22, BĐK+24, CCU21, CLNY22, DGdSS23, FP20, GS20a, Gow20, JJL20b, JJS20b, KT21, KS20a, Li24, PK22, RMG24, Sán21, Sos23]. **Jordan*** [CMM20]. **Jordan*-isomorphisms** [CMM20]. **Jordan-Kronecker** [KT21]. **July** [Ano20-58, Ano20-53, Ano21-63, Ano21-59, Ano22-59, Ano22-64, Ano23-54, Ano23-55, Ano24-36, AHKT21]. **June** [Ano20-59, Ano20-51, Ano21-51, Ano21-58, Ano22-65, Ano22-61, Ano23-51, Ano23-56, Ano24-30, Ano24-31]. **just** [Row20].

Kac [FKM22, Fik20, FP21]. **Kaczmarz** [BHD+21, Dax23, LG21b, SLTW22, ZL23a]. **Kahan** [WW20]. **Kahane** [RT23]. **Kantor** [AOCM21]. **Kaplansky** [GdM23]. **Karcher** [GLP21, GL22a, GL23, LL21b]. **Karpelevic** [KŠ22b]. **Karpelevich** [KK20b]. **Kato** [AOZ23]. **Katz** [AHNW22]. **Kemeny** [JKS23, LL20]. **kernel** [DD23a, DY23b]. **kernels** [AG15, AG20, BFPS21, NWW20]. **kind** [Moh20, XX20]. **Kippenhahn** [BdPS21]. **Kirchhoff** [KL21c, RFP22]. **Kiselman** [Wie22]. **known** [KZ23]. **Ko** [Adr22]. **Kraus** [ST22]. **Kronecker** [FKMM21, KT21, MB20, PP20]. **Krylov** [CCS22, Rob20, SS21a, XJLL23]. **Krylov-Lagrangian** [SS21a]. **Kubo** [Gye23, LS20a, PV21a]. **Kuiper** [MT21a]. **Ky** [KLSP24].

labeling [LL21c]. **labelling** [SWW22]. **Lagrange** [Bur21]. **Lagrangian** [SS21a]. **Laguerre** [MPR22, WXL24]. **Laman** [BC21]. **Lanczos** [CT24, GP21]. **Lanczos-like** [GP21]. **Landau** [CLNY22]. **Laplacian** [AMZ21, AJM21, AJM24, ASS21, AAFT22, AvDF20, AADT23, AdL21, AWvW24, BR23a, BEHK22, BCE+23, Bol21, CLS20, CPS20, CLZ20, CWZ22, CK23b, Coo21, DDFM+21, ET20, Est20, FCLP22, GM22, GPRT20, GH24, GZZ21, GMSG22, HLW23, HLS21b, JT24, KKP21, LWB20, LLW21, LQL21, LHH22, MK23, MT21b,

MZZ24, Nic20, Obo22, PK21, SSP22, SSS21, Sta20a, Sta23a, SD21b, SC23, TWW20, TW21, VTBC20, WYF+20, WZW+21, WMCQ23, XW21, XY20c, XZ23, XLYS20, ZXL20, ZG22, ZHG21, ZWL20b, ZWL20a]. **Laplacian-type** [LLW21]. **Laplacians** [Dev22, KLR22, LLWW23]. **large** [AvDF20, BFLT23, BW21, BF24b, CHHS20, cRLY20, MSX22, ZT23, ZWL20a]. **large-scale** [BW21, BF24b, CHHS20]. **larger** [dLMO20]. **largest** [ABG20, Csi22, LWB20, WWT20, WQP23, XLS20, YK21, YW23, YWF21]. **lattice** [ACDG21, KS22a, PGST23, Pol20, Ram23]. **lattice-subspaces** [Pol20]. **lattice-theoretical** [KS22a]. **lattices** [FK21, GGGD23]. **law** [KNiO23]. **Lax** [ACSS22]. **LCM** [GR21]. **learning** [ÁVKP20b]. **least** [Boj21, CW21, CKTP20, Ghi20, Hal20, LDSS20, RC23, SLTW22, SC20a, Sta20a]. **least-squares** [Hal20]. **Leavitt** [BS23a]. **Lefkovitch** [APNP+21]. **Lefschetz** [MRT20]. **left** [AL23b, DHH+20, LS23]. **left-star** [DHH+20]. **Leibniz** [CNO23, LM22a, dMdSS23]. **lemma** [FHLS22, FGPW24, SMA21, KS22a]. **length** [JMP21a, RRvW24]. **Lengths** [Mig21]. **Lenstra** [FG22]. **Leslie** [PSAPNV20]. **less** [WQP23]. **level** [Sch23, Vol23, XX20]. **level-2** [Sch23]. **LeVerrier** [Bär21a]. **Levinger** [AC20a]. **liberation** [LOŠ23]. **Lidskii** [ŠH21a]. **Lie** [CdGS20, HMS21, ABCO22, BBNS22, BFLT23, BF24a, BRL23, BE20, BDV21, CWW24, CdGS12, CZ20a, CMR20, DM24, Eld22, GG21, GJV20, KK23a, KY21, KLLS22, LNN+20, LS20b, LP21, MDH23, PGST23, QSH22, Rai23, SSvW20, Yas23]. **Lieb** [AS20b]. **lifting** [BPS23]. **liftings** [MS21]. **lifts** [WZFW23]. **like** [AKVS23, ACOM21, CGJvB22, Dra23, ES20, GM22, GP21, WCS20]. **limit** [Bri22, Zem22]. **limitations** [BEFSC22]. **limited** [BW21, DK21]. **limiting** [RW22]. **limits** [BC21, CN20b, CR21, Mań22]. **Lindbladians** [Szc21]. **Lindenstrauss** [MB20]. **Line** [YW23, AAAH22, AL23a, CZG21, CLZ22, CDD21, De 20, HLS24, OdFVM21, Onn21, VZ20]. **Lineability** [FSRVSST22]. **Linear** [AAH+22, AD20a, Ali20, AG20, BP23b, BDHS23b, BKSP23, CdGS20, Cos20a, Cos21, Cos22, Cos24, FJS21, FHMP22, GS21c, GJKM21, GS23b, Hou20, HH23b, JLM20a, KAPS20, KLSP24, LTWW23, MH21, PW20, QSS22, Sło21a, SD21a, ZMP23, tHvdM21, AM23b, Ais24, Ans21, Arl20, ABCH23, AR21, BPZ21, BEF20, BDN24, BDHS23a, Boj21, BKS+21, BS21b, BK22, BS20g, CLZ22, CVV21, CD23a, CLZ20, CWYZ23, CI21, CMS21, CZ20a, Com21, CMM22, DN21, DJ23, FM22a, FQ20, FSRVSST22, FT23, GP21, GL20a, GJ23, GLT23, GS24, HLW23, HPSZ21, KS22a, KK20a, KHU23, KCML20, Kye23, LPS23, Lew21, LG21b, MAG21, MG21, MC21b, MKE+20, MPS24, NPkT21, NPHT20, dSP23a, Phu24, PLT23, PS23b, Pre20, Rei23, RW22, SDTR23, Sch24, ŠH21b, SL21, SNK22, ZK21, AHKT21]. **linear-algebraic** [KS22a]. **Linearity** [CKL24, Sán21]. **Linearization** [VS23]. **Linearizations** [PQ22, ADMZ21, DMQD20]. **linearized** [MP22, Oli21, PZ20, dVLG23]. **linearly** [GLP21, Pat20]. **lines** [BS20f, FP21, GIJM22, HLS24, cRLY20, SS23b, Zal22]. **Link** [BBW20]. **linked** [BS20f]. **Linking** [Mor22]. **Lipschitz** [AMO24, Car21]. **list** [NPkT21]. **Littlewood** [KK20a]. **lively** [SMA20]. **LLL** [CLLK21]. **Local** [ÁVKP20a, CRR20, DMQD20, MORŠ21, BC21, BMM24, CZ20a, JJS20a, SMP24]. **local-global** [CZ20a]. **localization** [Che22, GP20]. **Locally** [AM23b, BF24a, FMS21, dSP23a, Ste21b]. **Locating** [RB22]. **LOCC** [KMNP20]. **Log** [Min22]. **Log-Euclidean** [Min22].

Log-Euclidean/Log-Hilbert [Min22]. **Log-Hilbert** [Min22]. **logarithmic** [Fra22]. **long** [CWZ22]. **look** [KS22a]. **loops** [IMT20]. **loss** [CPTP21, FKMM21]. **Lovász** [AC22]. **Low** [DJ22, TL21, ZRQK22, BF24b, Bud24, FGM21, JMPS21, JCD24, KKM22b, KST22, Li20a, LHZ21, MN24, MO20, SK21a]. **low-dimensional** [Li20a]. **Low-rank** [TL21, BF24b, Bud24, FGM21, KKM22b, KST22, LHZ21, MN24, SK21a]. **Lower** [ASS21, GMR21, MP21, Sta20a, ZZ21, AOA23, AGH20, AL23a, BS20f, Dew21, GZ20b, KL23, Lim22a, LZZ23, Loe21, MT21b, Rum22]. **lower-triangular** [Dew21]. **Lu** [GLLZ20]. **Łukasiewicz** [YY21]. **Lupas** [MMV22]. **Lupas-type** [MMV22]. **Lvov** [GdM23]. **Lyapunov** [BF21, GP20].

M [OPA23]. **M-IHS** [OPA23]. **Macaulay** [VD22]. **Macphail** [Tei22]. **Magic** [HHS21]. **magnetic** [FCLP22, KS23c]. **main** [AFG+21, FB21, VTBC20, YW22]. **majorisation** [BS22]. **Majorization** [DGS20, DGS23, Gow20, GS23b, JJL20b, YZ20, vED22]. **majorizations** [GS21c]. **Manifold** [ÁVKP20b, GSS24]. **manifolds** [ÁVKP20a]. **many** [CN20b]. **map** [CM23a, CN22, CN23b, LS24a]. **mapping** [AFS+23, GKS21]. **mappings** [dSP23a, Sch24, Shi20a]. **Maps** [BMM24, HP23b, BH24, BFMS21, BSC23, BHMU20, BKT23, BS20g, Bui21, CDPR23, CMT21, CL24, Cos20a, Cos20b, Cos21, Cos22, Cos24, DN21, FOR22, GJV20, GS20b, GMP22, HH23b, JJL20b, JS22, KCML20, KLSP24, Kye23, LV22a, LL24a, LL21b, LR21, LHFL20, LTWW23, LP21, ST20, SS23b, tHvdM21]. **March** [Ano20-70, Ano20-54, Ano21-64, Ano21-66, Ano22-50, Ano22-56, Ano23-49, Ano23-59, Ano24-28, Ano24-32]. **Marchesini** [BCR+23]. **Markov** [BS20a, BAPF23, CK23b, CR21, EGJP21, HX24, LL20, RMP21, TTV23]. **mass** [VS20]. **Master** [KKT22]. **Matching** [FCLP22, GJ23, ZvD23, ADH+24, HHD20, LZ21a, LLA23, WZW+21, WHM23, WWY23, YYS+21]. **matching-minor** [ADH+24]. **matchings** [GLMM23, O.21, ZWW23, ZHW21]. **mates** [ADHS23, KK22b]. **Matrices** [FdCP20, KLS21, Mel23, AFK+23, AG21, AP20, AKL+21, ACG+21, AMO24, AKVS23, ANBK22, AS20b, Ala21, AdL21, Alf20a, ADMZ21, AAMR20, ACOM21, ABW22, APNP+21, APLN+23, Ayd23, BS20b, BDNO20, BS20d, BBS23, BDK21, BPZ21, BN23, BEF20, BS20f, Bar21b, BDGY21, Bay24, BAPF23, BHBO21, BdPS21, BJ20a, BC21, BR22, BCOvdD23, Bez22, BJ23, Bib22, BDHS22, BDHS23b, BDvW24, BĐK+24, Bol22, BEFSC22, BFPS21, Bou21, BMM24, BL24, BCP24, BFMM23, BM20, BR23b, BD21b, Bud24, Bui22, BLS20, BS24b, Bur20, Bur21, CRR20, CRSY22, CCU21, CC22a, CEJM21, CDM21, CL20, CDdM22, CS21, CD23a, CHY20, Che21, CZ22c, CT24, CJ20, CCK21b, CCP22, CCS22, CCKM22, CKKR23, CLNY22, CLS23, CN23a, CKLN23, CN23b, CW20, CCO23, CMT21, CIM22, CT20, CK21, CESS21]. **matrices** [CP22, CK23b, CKM20, Cos20a, Cos21, Cos22, CGMP23, CdSV22, CS20, CCL21, DGS20, DGS23, DGKP24, DY23a, Dew21, DJ23, DRG24, DMQD20, DGS21b, DF20c, DF22, DG22, EGJP21, EJS24, ES23, EHS22, EGV20, FCLP22, FR21, Fik20, FP21, FFSW23, FLT20, FG20, FG22, GS21a, GZ23, GA21, GHL+24, GR21, GW22, Gau24, Gil20, GS21b, GK20, GM20, Goe21, GT21, GvRR21a, GvRR+21b, GD20, GPR20, GMSG22, GZ20b, GP20, GS23b, HP23a, HW21a, HS23a, HS23b, HS22, HLZ17, Hou20, Hu21, HH23b, HL20, JLX22, JZZ24, JMPS24, JR24, KS23a, KT21, KKP21, KK20b, KK22a, KŠ22b, Kli20a, Kli20b, KPP21, Kol21, KFS21, KN20,

Kus23, LR23, LV22b, Le22, LS23, LOŠ22, LLW20, LF20, LH20, LLW21, LW21b, LTWW23, Lim21, Lim22a, LZZ23, Loe21, Loe23, Los21b, Lub22, LMR21, Lyu20]. **matrices** [MPR22, MPR24, MA22, Mao20, MJ24, MMV21, MMV22, MRZ22, MR21a, MSZ21, MORŠ21, MS20a, MT21b, MC21a, MN24, MRV20, Men22, Mig21, Mil24, MT23, Moh22, Moh20, MSX22, MSZ23, MP24, Nar23, NS21, Ner20, NXS23, NV23b, OQ22, OW23, ORŠ23, OP21, PSW23, PŠ23a, dSP22, dSP23b, PQ22, PSAPNV20, PW21, PW19, PW20, Pri22, Ran22, RRvW24, RS21a, RKBA21, RSS21, RX21, Rub21, Rub22, SS21a, ST22, ŠH21a, Sha22, SM23, SS21c, Shi21c, Shi22, Sim20, SMM24, Sra21, SS20, SSvW20, Tan23, Tei22, TP23, Tom23, TBH20, VS20, Van24a, Var21, VMB22, Vit21, VB20, Wan21, WW22, Wei22, Xie21, YZ20, Yan21, Yaz21, ZS22a, ZM21, ZZ20, ZW20, ZFZ20, ZC23, ZBCI21, dC21, dHH23, dlCP20, dlCS21, ĐMM+22, vRvSTT21]. **matricial** [FKM20, FKKM22, Kim22]. **Matrix** [ABC+22, BW24, CKKR23, CKLL20, Cra21, CMR21, GW20, Jon21, Kis22, KP23b, San23, ZK21, AT21, AOA23, ADGK21, AK20, ABG20, ACM22, ADHM23, AGV20, AdlC20, AS22, AJNS24, BGGA22, Bai24, BBG21, BS20e, BJP21, BR20a, Bar20, BR20b, BN23, BT20a, BFMS21, BDN24, BBS20, BS23a, BĐK+24, BFPS21, BM22, BŠ23c, CP20, Car21, CZ22b, CK23a, CLW22, CAJ21, CLS23, CN21b, CMP21, CP23, CESS21, Chr24b, Cob22b, CER+23, CMM22, Cos20b, DB23, DID22, DMS20, DZCY22, DdR20, DLL20, DP21, Djo23, DS24, DAG21, DL23, DN20, DN23, Dra22, DGS+21a, DM24, EJ23, Elm23, Est23, FM22a, FMR20, FISW21, FGDY20, FM20b, FKKM22, FG20, FG23b, FJ24, FKK+21b, GA22, GM22, GTW23, GW24, GKS21, GK21, GZ20a, GRR22, GvRR+23, GMP22, Han21, HW20]. **matrix** [HLS21a, JJL20a, KL23, KS24, KCPMNS21, Kim20, KIS21, Kop20, Kov21, KP21, KLSP24, Kye23, LNN+20, fLLV20, Li22, Li24, LDSS20, LHZ21, MMW21, Mel23, MC21b, ME21, MT23, MST24, MP21, MP23b, Mor23, MP20b, NGK23, NPkT21, NN24, Nic24, NV23a, O'L23, OPA23, dSP20a, PS23b, QCCS21, Rob20, RB22, RMG24, Ruž21, SK21a, SL20a, ST22, Sat21, Sch23, SNK22, Skr21, Sta21, Ste22a, SW23, TL21, DD23b, TXF24, Uch21, Uch23, Uru22, VS23, VD22, VB20, WCKQ20, WZL21, WWG22, WMCQ23, Wan23, Wer22, XY20a, XZ21, XWT20, XBSF23, Yan22, YZY24, ZG21, dVLG23, tHvdM21, vdMvSW24, GGGD23, KS23b, LLWW23]. **matrix-sequences** [CER+23]. **matrix-tree** [GRR22, LLWW23]. **matrix-weighted** [Han21]. **matrixwise** [DFH+20]. **max** [AdLN23, Jon21, KZPH22, MPS22, MP20b, MP24, SlW22, TV21, WFSS20]. **max-min** [MP20b]. **max-plus** [Jon21, MP24, SlW22, WFSS20]. **Maxima** [LMX23, ZL22, ZG22, JLW22, PSZ21]. **Maximal** [Ere21, GM23, APNP+21, CZG21, CT23, LTYZ23, PSAPNV20]. **Maximally** [NZ24]. **Maximally-fine** [NZ24]. **maximize** [Li20b]. **Maximizing** [HLS21b, HLS22]. **Maximum** [ABW22, EG20, LLW23, LHH22, Yos21, AIK+24, ADvdH21, AHLvdH21, ADvdH23, AJNS24, BCM21, Bud24, CLL20, CLT22, CKM20, FY23, GLT23, LW21c, SG20, WG20a, WYF+20, WS22, YD21, ZTX24]. **maxmin** [MPS24]. **maxmin-** [MPS24]. **May** [Ano20-62, Ano20-61, Ano21-50, Ano21-52, Ano22-52, Ano22-53, Ano23-65, Ano23-66, Ano24-33, Ano24-37]. **Mazur** [BS21a, Ban22]. **McCarthy** [BL20]. **McEnteggert** [CZ22b]. **McKay** [BBCD21, QJW20]. **Mean** [LV22a, CMM20, ES23, FH23, FJ24, Ghi20, GLP21, GL22a, GL23, LL21b, LMW21]. **means** [BGOO21, CKLL20, CKL24, CIM22, DF20c, DF22, GLT21, Gye23, HK20, LL21a,

LS20a, MS24, Nie24, PV21a, Uch21, Uch23]. **Measure** [BHHP21, EAHS21, HJBKR24]. **Measure-theoretic** [BHHP21]. **measurements** [KKM22b]. **measures** [AHNW22, FG20]. **Measuring** [AEGL21]. **median** [MC21a]. **mesh** [EGL21, SZ21, SZ22a]. **Mesner** [GF20, Mar21]. **method** [BWW21, CK23a, Dax23, EN22, GP21, GD20, Har22, KHU23, LG21b, OPA23, Pra20, SLTW22, SWW22, WCS20, XX20, XBSF23, ZL23a]. **methods** [BDFF23, DAG21, Gal21, KKM22a, RZ24]. **Metric** [BCR20, Bai24, BGLR22, CXZ22, DF20b, NPHT20, Oli21]. **Metrics** [Sra21, Min22, TP23]. **Milner** [WXY24]. **Min** [TV21, MP20b]. **Min-max** [TV21]. **Minimal** [EGC21, GS21b, ADMZ21, BP20, DPR20, DdF23, FM22a, GL21, GZZ21, HP22, IdSSV21, MRV20, MO20, NV23a]. **Minimal-norm** [GS21b]. **minimality** [Koz21]. **minimally** [ZG22]. **minimax** [FP20, SS21c]. **minimization** [fLLV20, LWZL23, LL24b]. **minimizer** [HLN24]. **minimizing** [UZ21]. **Minimum** [BBC+22b, MT23, AFK+23, BZZ22, BMM24, DJ23, FM22b, FdCP20, HLH23, KL23, LLX23, LLA23, MAG21, MMN22, ZWW23, ZWL20a]. **miniversal** [FKK+21b]. **Minkowski** [LF20, ZJCA20]. **minor** [ADH+24, LLW23, WCF21, ZL22]. **minors** [BDNO20, FMR20]. **Mirsky** [HR20]. **Mixed** [AGNN20, LLL22, ABR+22, Ans21, BL23, BBCD21, GL21, HBHZ22, KB22, Kad23, KSY21, WFL20, XBSF23, YGW20, YWF21, ZW20]. **mixed-unitary** [GL21]. **Möbius** [Kli20a]. **Model** [WXL24, XJLL23, Ais24, BDSS21, CZ20b, ĆD23b, GQZ20, LM22b]. **models** [BCR+23, HH23a]. **modifications** [MPRS21]. **modular** [CN23a]. **module** [AM23a, BBNS22, Mur22, XY20b]. **modules** [Ago24, BHKW22, CW23a, EGL21]. **Moduli** [AG24, ABHR22]. **modulo** [CLS23, JMP21a]. **modulus** [BMM24, MR21a]. **moment** [Cia22, EAHS21, FKM20, FKKM22, Kov20, Zal22]. **Momenta** [dlPG21]. **momentary** [BEFSC22]. **Moments** [BCR20, YBW24]. **monodromy** [Ayd23]. **monoid** [Got20]. **monoids** [BS23a, Wie22]. **monomial** [CDdM22, SDS21]. **monomials** [KLR22]. **monotone** [ADH+24, CDR23, JLM20a, JLM20b]. **Monotonicity** [BJ20a, CZ22a, PTD22, BW24, CESS21]. **Moody** [FKM22]. **Moore** [FG23a, PŠ23a]. **Morita** [FPS22]. **most** [ADvdH21, AHLvdH21, BFF+23b, DGS+21a, GM23, HT23, Kub22, LBW23, NdLO21, Ran23, WLL23, dLMO20]. **Motzkin** [ZL23a]. **MRD** [GL20a, MMZ20]. **MRD-codes** [MMZ20]. **MRI** [Sar21]. **MSE** [Skr21]. **multi** [AKPS19, DO22, HWD23, KAPS20]. **multi-** [HWD23]. **multi-angle** [DO22]. **multi-dimensional** [AKPS19, KAPS20]. **Multidimensional** [CW20, Bay24, LT24]. **multigrid** [BDFF23]. **multilevel** [HT22]. **multilinear** [BFMS21, FPR20, HLYZ23, PSRS20, Skr20, Vit21]. **multiparameter** [VD22]. **multipartite** [SD21a, SD21d, TLC20]. **Multiple** [VZ20, CV21, CI21, Hal20, LPS23, LF20, Mao20]. **multiplication** [HS20]. **Multiplicative** [CI21, OQ22]. **multiplicities** [AAFM23, AGV20, GS23a, Iop20, KL21b, LL21e, SD21b, ZZW22]. **multiplicity** [AvDF20, CH21, DJ23, DH22, DH23, TWW20, TW21, TW22, TJ21, WWJ20, WFGT20, WZW+21, WZT20, WWY23, XWT20, YW23, ZW22]. **multiplied** [MT23]. **multiplier** [Rai23]. **multipliers** [Chr24b, Skr20]. **multisets** [HHS20a]. **multistructures** [Pat20]. **multivalued** [ACMM24]. **multivariable** [CLY22]. **multivariate** [AS23, CI21, Cob22b, CFR23, KN20, MP22, PV21a, Zha23]. **multiwavelets** [PM23]. **Murdock** [Fik20, FP21]. **Murray** [HKS23]. **mutual**

[AGK+21]. **mutually** [FG22].

N [KIS21]. **N-tessellable** [KIS21]. **Narayana** [YY21]. **Natural** [Sar21, FGGG24]. **near** [MSX22]. **near-Hadamard** [MSX22]. **Nearest** [AGV20, DB23, LHK20, SK21a, Yu20]. **Nearly** [CGP21, FRS21, FK21]. **necessary** [BCR+23, Kub23]. **negative** [Bas21, BCG24, Moh22, ZC23]. **negativity** [GZ23, JS22]. **network** [AHNW22, DN21, DTA23]. **networks** [AD20a, AD20b, BBW20, CEM21, Est20, GN20, HNS21, KL21c]. **Neumann** [CHHS20, HKS23, PPW20]. **neural** [HNS21]. **Newton** [ES20, KKM22a, WCS20]. **Newton-like** [ES20]. **NIEP** [JMP21b]. **Nil** [Šte22b]. **Nil-clean** [Šte22b]. **nilpotence** [DGL23a]. **nilpotent** [ABCO22, BRL23, BĐK+24, BFPS21, BM20, BE20, BDV21, CL20, CdGS12, CdGS20, CMR20, DGL23a, FMS21, GLAdS23, GJV20, KK20a, LM22a, MORŠ21, dSP20a, SSvW20, TBH20, WJLW24]. **nilpotents** [Mor23]. **NMF** [Pol20]. **No** [LW21d, ADGK21, MZZ24, Obo24, TCC21, Yos21, ZWF20, ZL22, ZHG21]. **nodes** [BDGY21, KN20]. **noise** [KKM22b, SLTW22]. **noise-blind** [KKM22b]. **noisy** [CW21, HH23a]. **Non** [BZZ22, Eld22, JN22, LS20b, MDH23, AFS+23, BGS22, BS21a, BL23, Bri22, CDdM22, CL21, CdSV22, FM22a, FGGG24, GZ23, GNP22, GK21, GM20, GZ22, GLZ21, JS22, KKSV21, KKS21, Lee20, LG21a, LMX23, MZZ24, Pan23, PR22a, Phu24, PV21b, SK21a, SS22, TL21]. **Non-abelian** [MDH23, BL23]. **non-associative** [Bri22]. **non-backtracking** [GK21, KKS21, MZZ24]. **non-bipartite** [GLZ21, LG21a, LMX23]. **non-commutative** [PR22a, SS22]. **non-cospectral** [GZ22]. **non-cyclic** [CL21]. **non-degenerate** [CDdM22, GNP22]. **Non-group** [Eld22]. **non-Hermitian** [GM20]. **non-homogeneous** [FGGG24]. **non-invertible** [FM22a]. **non-isospectral** [PV21b]. **Non-minimum** [BZZ22]. **non-negativity** [GZ23, JS22]. **non-orthogonal** [TL21]. **non-prime** [SK21a]. **Non-singular** [LS20b]. **non-smooth** [BS21a]. **non-symmetric** [BGS22, Lee20]. **non-trivial** [CdSV22]. **non-uniform** [Phu24]. **Non-unital** [JN22]. **non-unitary** [AFS+23]. **non-zero** [KKSV21, Pan23]. **nonassociative** [KUZ22]. **nonbipartite** [BP21a]. **noncommutative** [Pre20]. **Nonconcavity** [AC20a]. **noncontrollable** [QQM24]. **Nondegenerate** [KLLS22, CFSiT20]. **Nonderogatory** [BM20]. **nonhypoenergetic** [ADGKM21]. **noninteger** [BBCK24]. **Nonlinear** [Cos20b, DMQD20, Lin23, Mar24, Tom23]. **Nonnegative** [JJS20b, AOA23, AAMR20, Arl20, Bui22, BŠ23c, CCU21, CP22, CMM22, DYB20, GR21, HH23b, JCD24, KZPH22, Kol21, LH20, Loe23, Miy24, NGK23, RX21, SM23, vRvSTT21]. **Nonsingular** [SZSMB20, BJP21, Est23]. **nonsingularity** [Che21]. **nonstandard** [RAK21]. **nonsymmetric** [Gal21]. **Nontrivial** [HPSZ21]. **nonzero** [CV21, WWY23]. **Nordhaus** [CLM20]. **Norm** [AHK23, CLY22, FLT20, ANBK22, BM22, Bud24, CDPR23, CKOS22, CER+23, DM24, FH23, GMR21, GS21b, JLM20a, JLM20b, KPP21, KLSP24, LWW22, Mis22, MSZ23, NNSS20, Roy24, SZ23b, Sin21, ZXZW23]. **norm-one** [CDPR23]. **Normal** [BS20e, CLLK21, DHR20, RW22, DY23a, IGW17, Kad23, Kov21, KFS21, LPS23, LL21c, MP23b, SZ23a, Wan21, Wan23, dlCS21]. **normality** [Du23]. **normalized** [AMZ21, JT24, SD21b, SC23, TWW20, TW21]. **normalizer** [BK22]. **normed** [IOT21, KNS20, Wój22a]. **norms** [BDSS21, BLR21, CI21, DLL20, FISW21, GG21, LR23, PSRS20, WW22, ZS22a]. **Note**

[Ano21-49, Ano24-41, Bib22, Csi22, YLZH21, CMP21, DLL20, FS23, FM20b, HR20, Han22, MK23, MP23a, Ran22, SZ23a, SLL22, ZZW22, dHH23, Ano24-40]. **Notes** [BS20a]. **November** [Ano20-71, Ano20-57, Ano21-54, Ano21-56, Ano22-58, Ano22-72, Ano23-68, Ano23-64]. **NP** [Shi21b]. **NP-complete** [Shi21b]. **Null** [JMP21a, Wer22, HMPT20, dMdSS23]. **null-filiform** [dMdSS23]. **Nullities** [EGV20, OdFVM21]. **nullity** [ADvdH21, AHLvdH21, ADvdH23, CL22, CLL20, CLT22, LW21d, WG20a, ZWT21]. **nullspace** [ACG+21]. **Nullstellensatz** [GSV24]. **number** [AAFM23, AFK+23, AADT23, BBG21, Bar20, Bas21, BP20, BR21, BBC+22b, CRSY22, CWYZ23, CDG21, DJ23, DP21, DW21, FCLP22, FM22b, Fio20, Gan23, Goe21, HHD20, HLX20, HXLL21, HLH23, HH23b, HWD23, HLN24, HW21b, Kli20b, fLLV20, LQ21, LZ20, LLX23, MS20b, MP21, Nic24, PK21, PZ20, Pra20, Sch23, ŠH21b, TFT20, Van24b, WWJ20, WYF+20, WYQ21, WHM23, XWT20, XLYS20, YBW24, YYS+21, ZXL20]. **number-constrained** [fLLV20]. **numbers** [ACLS20, ACOM21, CK23a, CV21, DBV23, ES20, Gal21, Guo22, KNiO23, WWY23]. **Numerator** [Bur20, Bur21]. **Numerical** [CKLN23, DK21, GWW21, GW22, PS23b, AHK23, BDK21, BM23, BdPS21, BJ23, BP21b, BP23b, Bhu24, CCH+21, CHSW22, CDM20, CDM21, COB22a, CN21a, CN22, Cos20a, Cos22, CLY22, DA23, Dru24, GW20, Gau24, KS20a, KP23b, MN24, MXZ20, Naj20, OM20, PK22, PW21, QSH22, RAK21, RW21a, SKS22, ZW21, Zam23, ZS22b, ZC23, vdMvSW24]. **Numerically** [ANAS20, MN24]. **Numerorum** [dC21]. **nut** [DS22].

obstruction [HLS21a]. **obtained** [Goe21, GKLZ20]. **October** [Ano20-60, Ano20-72, Ano21-55, Ano21-57, Ano22-63, Ano22-70, Ano23-69, Ano23-72]. **Odd** [BBNS22, LG21a, MLZ24, ZL23c]. **Odd-quadratic** [BBNS22]. **ODEs** [BCOvdD22, BCOvdD23]. **Off** [MRZ20, BL24, DL22, TJ21]. **Off-diagonal** [MRZ20, BL24, TJ21]. **off-grid** [DL22]. **on-** [DL22]. **One** [CKOS23, Alf20a, BR20b, BFPS21, CJ20, CAJ21, CDPR23, CMT21, DH21, FKMM21, GJV20, GMSG22, JMP21b, KAGH24, KKM22b, KMNP20, LWW22, LTYZ23, LWH21, Ran23, SW23, ZS22b]. **one-dimensional** [BFPS21]. **one-dominating-vertex** [LTYZ23]. **One-parameter** [CKOS23]. **one-way** [KMNP20]. **onto** [CVV21]. **open** [CKOS23, GAM20]. **operation** [DLL23]. **operations** [AGKS23, CMM20, Ram23]. **Operator** [Uch21, AHV20, BH24, BDK21, BCG24, BDN24, Che22, CLY22, DM24, EMŠV22, Fra22, JN22, JLM20a, JLM20b, KZ24, LS20a, MA24, MS22, MS24, Nie24, PV21a, SS23a, Shi20a, SZ20, ZTX24]. **Operators** [AGK+21, BKR+20, ĆD20, ĆD23b, TT21, AM23b, AHK23, AdF20, ACM20, AG15, AG20, BDSS21, BP23a, BKPS23, Bhu24, BFPS21, BKS+21, Bot21, BKLT23, CFSiT20, COB22a, CER+23, CLY22, DP23, DH21, Dru24, EJJL20, FPR20, Fek20, FG23a, GGGD23, GWW21, GS22, GS23b, Gye23, HP23b, JJS20a, JKX20, JLM20a, JLM20b, KK20a, KS23c, Mag22, MS21, MP20a, Min22, MXZ20, Naj20, O'L23, OM20, Pan21, PPŻ21, Pan22, PPŻ23, QSH22, Ram23, Rao21, RRF23, SH20, SZ23b, SS24b, TWD20, TD22, XY20b, ZW21, hB21]. **Optimal** [JLX22, KPP21, NMS20, ANAS20, BSC23, FRS21, LM22b, MSZ23, SC20a, Ste21b, WW20]. **Optimization** [GSS24, GLS22, KKM22a, Onn21]. **Optimized** [HLW23, RW21b]. **Optimizing** [PS22]. **optimum** [TFT20]. **Orbit**

[LCH23, CL21, HMS21]. **Orbit-injective** [LCH23]. **orbits** [BL20, GLT21, KL21a, Poo20, SZ21, SZ22a]. **Order** [EE23, BDNO20, BW21, BCOvdD22, BCOvdD23, CT23, CLL20, CLT22, Coh20, EG20, FHMP21, FHMP22, FdCS20, GF20, HX24, LS22, LTYZ23, LJSZ23, LH21, hLqJ21, MA22, MC21b, Mis20, OQ22, Ram23, RMG24, Ruž21, SH20, Sch23, SZH22, SMM24, Uru22, WG20a, WXL24, XJLL23, YK21, ZWT21, ZBdAF20]. **order-** [BDNO20]. **ordered** [GZ20c]. **Ordering** [JLW22, YOV21]. **orders** [BW22, DHH+20, FG23a]. **orientation** [YWF21]. **Oriented** [QWW21, Sta20b, AMZ21, Du23, GL20b, HBHZ24, Sta23b, ZXZW23]. **Orthant** [PSZ21]. **Orthogonal** [LOŠ22, AP20, Ais24, BCP24, CG23, CFR23, CS20, FR21, FG23b, FK21, GIJM22, HWK21, KLS23, LM24, MA22, MC21a, MT23, Mor22, Pet21, Sta21, TL21, VS21]. **Orthogonality** [Pan20, RSS21, AGK+21, CPTP21, Ham22, SMP24, Wój22a]. **orthogonally** [HJBKR24]. **Orthonormal** [Mag22]. **oscillatory** [ZM21]. **other** [Kin21, RDFM23]. **output** [DK21, FM22a, WES21, ZK21]. **ovals** [BMS21]. **over-relaxation** [BHD+21]. **overdetermined** [SV21]. **overlapping** [EGC21]. **ovoidal** [Adr22].

packing [HWD23]. **packings** [Kin21]. **Pages** [Ano20-63, Ano20-65, Ano20-50, Ano20-52, Ano20-55, Ano20-66, Ano20-68, Ano20-67, Ano20-69, Ano20-56, Ano20-59, Ano20-51, Ano20-58, Ano20-53, Ano20-70, Ano20-54, Ano20-62, Ano20-61, Ano20-71, Ano20-57, Ano20-60, Ano20-72, Ano20-49, Ano20-64, Ano21-53, Ano21-61, Ano21-62, Ano21-67, Ano21-71, Ano21-69, Ano21-68, Ano21-70, Ano21-51, Ano21-58, Ano21-63, Ano21-59, Ano21-64, Ano21-66, Ano21-50, Ano21-52, Ano21-54, Ano21-56, Ano21-55, Ano21-57, Ano21-65, Ano21-60, Ano22-55, Ano22-62, Ano22-57, Ano22-49, Ano22-69, Ano22-66, Ano22-54, Ano22-51, Ano22-67, Ano22-68, Ano22-65, Ano22-61, Ano22-59, Ano22-64, Ano22-50, Ano22-56, Ano22-52, Ano22-53, Ano22-58, Ano22-72, Ano22-63, Ano22-70, Ano22-60, Ano22-71, Ano23-52, Ano23-57, Ano23-53, Ano23-50, Ano23-61, Ano23-62, Ano23-63, Ano23-71, Ano23-70, Ano23-60, Ano23-51, Ano23-56, Ano23-54, Ano23-55, Ano23-49, Ano23-59, Ano23-65, Ano23-66]. **Pages** [Ano23-68, Ano23-64, Ano23-69, Ano23-72, Ano23-58, Ano23-67, Ano24-27, Ano24-35, Ano24-38, Ano24-34, Ano24-39, Ano24-29, Ano24-30, Ano24-31, Ano24-36, Ano24-28, Ano24-32, Ano24-33, Ano24-37]. **pair** [ADGK21, TJ21]. **pairing** [KW20]. **pairings** [BCP22]. **Pairs** [BFPS21, GMP22, BKS15, BKSP23, KLSP24, Lee22, Mag22, dSP24, PM23, SZ20, TT21, TŽ23]. **Paley** [SS23a, Sat21]. **Palindromes** [HS20]. **Palindromic** [Pet21, BN23]. **para** [BN23]. **para-Hermitian** [BN23]. **parabolic** [BCNS22]. **paradox** [Cia20a]. **parallel** [Arl20, Han22, KZ23, KLSP24, TWD20, TD22, Zal22]. **Parallelization** [IB22]. **parameter** [ADH+24, CKOS23, EN22, Fik20, FP21, KP22]. **parameters** [AAFT22, CZG21]. **parametric** [LP22]. **parametrization** [GTW23]. **Pareto** [BS20c]. **Parlett** [WW20]. **Parseval** [KAPS20, AKPS19]. **part** [BBNS22, Buc20, SMM24]. **Partial** [vdMvSW24, AR21, DHH+20, FG23a, Li22, YWF21]. **particle** [HH23a]. **particular** [Sta23a]. **partition** [AD24]. **partitioned** [BL24, Kad20, Wei22]. **partitions** [AHZ22, AS20a, DF20a, FG22, LW21a, LDW21, Mif21, RFP22, ZvD21]. **parts** [Alt22]. **Pascal** [AKVS23, Bay24, Cob22b]. **Pascal-like** [AKVS23]. **pass** [LY20]. **Passive** [Lew21]. **path** [BJ20a, BS23a, Mło22, dSP20a, Ste21a].

path-connected [dSP20a]. **paths** [AGNN20, KSY21, SD21c, YY21, YZY24]. **pattern** [BES21, BBC+22b, GHL+24, JWZ22]. **patterns** [BCOvdD22, BCOvdD23, Cav21, CS20, Das22, RX21, SM23, Shi20b]. **PCA** [NNSS20]. **Peled** [CLwW22]. **Pell** [ACOM21]. **pencil** [Bar20, DYT22, DS24, Fra22, MP21, NN24, vdMvSW24]. **pencils** [ADGK21, AK20, AHV20, BDRS20, BR20a, BR20b, DN23, FKK+21b, KP23b, NV23a, Sch24, DD23b, ZMP23]. **pendant** [CB21, WWJ20, XWT20]. **pendent** [BP20, Cia20a]. **Penrose** [FG23a, PŠ23a]. **pentadiagonal** [Los21b]. **pentagon** [GLZ21]. **perceptrons** [DD23a]. **Perfect** [AHM20, ASG22, CW22, GL20b, KS22c, BC24, Tar20, WZW+21, ZHW21]. **Periodic** [Zha23, APLN+23, GP20, KS23c, Kub23, Szc21]. **Periodicity** [IMT20, KSY21, Kub22, SMA20, KCPMNS21, Pri22]. **periods** [CKKR23]. **Peripherally** [BKT23]. **Permanent** [GS20b, ABW22]. **permanental** [GS24]. **permanents** [Bar21b, CW20, dC21]. **permit** [JWZ22]. **permutation** [DF20a, Djo23, MT23, VB20]. **permutations** [OSC20]. **permutative** [MA22]. **permuted** [ES23]. **perplectic** [AdlCPS20, dlCS21]. **Perron** [ACD22, CA22, Cia22, ES23, KZPH22, Lin23, Miy24, Rum22, ZC23]. **perspective** [BR23a, BS23a]. **perspectives** [San23]. **Persymmetric** [VS20, JCD24]. **Perturbation** [FKK+21b, IGW17, SZ23a, VCR21, AG21, AK20, Bar20, BLMT21, CI21, KZ23, LHZ21, MMV21, SL21, SMM24, TJ21, WW20, hB21]. **Perturbations** [Gil20, AMO24, BDRS20, BR20a, BR20b, DH21, DS24, GA21, OW23, PS22]. **perturbed** [MA24, MP21]. **Pfaffian** [Bär21a]. **Phase** [BFO23, IOT21, StW22, ZRQK22, EL20, WMCQ23]. **Phase-isometries** [IOT21]. **Phase-Rank** [ZRQK22]. **phases** [CDD21, WCKQ20, WMCQ23]. **physical** [FM22a]. **PI** [FK23, GKK+20]. **PI-eigenfunctions** [GKK+20]. **piecewise** [ABCH23]. **pivot** [BW24, PTD22]. **placement** [SV21]. **planar** [Ere21, GN20, UZ21]. **plane** [Hom20, KP23b, NYW22]. **planes** [BS20f, CLZ22]. **platform** [KCML20]. **Play** [HNS21]. **Plug** [HNS21]. **Plug-and-Play** [HNS21]. **plus** [Jon21, MP24, SlW22, WFSS20]. **Podle** [Sol20]. **point** [AJNS24, BS20e, BDFF23, BM22, CVV21, MPS22, RW21a, Win21, Zem22]. **points** [AG24, CCK21a, Chr24a, LPS23, Lim22b, Mań22, ŠH21b, Shi22]. **Poisson** [BE20, KK23a, KK23b]. **polar** [Bhu24, CGP21, CG23, Pat20]. **Polarization** [BC23]. **Pole** [SV21]. **Polya** [GS20b]. **polygonal** [CHSW22]. **Polyhedral** [May21]. **Polynomial** [Cav21, CLS23, CO24, KS20a, dMdSS23, Bol22, CB21, Cos20a, Cos22, DdR20, DGdSS23, DS20, GLS22, GvRR+23, dAGK21, GZ20c, HCZ20, HY24, LTWW23, Mel23, MMA22, Nar23, NV23b, PS22, SK21a, Sud22, Uru22, VS21, VS23, Zhe21]. **Polynomials** [CP22, Adr22, ADHM23, BN23, BHBO21, BBCK24, BGOO21, BCP24, Bur20, Bur21, CP20, CLW22, CFR23, DA23, DB23, DN20, DN23, DvDW23, Fio20, FM20b, FG23b, GA22, GTW23, GW24, GSV24, GFD21, HHS20a, HHS21, JL22, Kad20, Lee20, LHK20, Loe23, LMR21, MPR22, MP22, MMW21, Mur22, NV23a, Oli21, Pet21, PZ20, RB22, SW21, SW23, TV21, Vit21, WZL21, XJLL23, YY21, YLZH21, dMdSS23]. **polystochastic** [CW20]. **polytope** [CC22a, Yu20, vED22]. **polytopes** [CCK21a, DJ22]. **poset** [CMR20, SS24a]. **posets** [CCKM22]. **posinormal** [BKLT23]. **positional** [PV22]. **Positive**

[BFMM23, NN24, AKN23, ANBK22, AL21, Bar21b, BCE21, BSC23, BHMU20, BKT23, BL24, BKR+20, BS20g, BLS20, CRR20, CZ22c, CDPR23, CIM22, DY24, Fek20, FOR22, FM20b, GW24, GT21, GD20, Gye23, HJBKR24, Har22, IB22, JJLS23, JS22, Kol21, KAGH24, LV22a, Le22, LWW22, Lim21, LWH21, MMV21, Min22, MS24, NXS23, Ram23, Ran23, SM23, Sim21, Sło20, Sło21a, Sra21, Tan23, TW22, Tom23, ZFZ20]. **positive-definite** [CIM22]. **Positively** [LR21]. **Positivity** [GPR20, PWW23, AC21, BJ23, BGOO21, Das22, FJS17, FJS21, JWZ22, MMW22, tHvdM21]. **Positivstellensatz** [SS22]. **post** [BE20]. **post-Lie** [BE20]. **Potent** [GK22a]. **potential** [CIM22]. **potentially** [Cav21]. **Power** [Dom20, HJ24, CvDB23, CLS23, CIM22, DA23, DF20c, HVX23, LL21a, MS21, Ost23, RRvW24, SSvW20, Zha23]. **Powers** [FFSW23, BBCK24, DD23a, FJS17, FJS21, FISW21, GW20, KCPMNS21, LL24a]. **preconditioner** [dAdCG+21]. **preconditioning** [OPA23]. **prediction** [BBW20]. **Preface** [AHKT21, DKM+21]. **prescribed** [APNP+21, AGV20, BPZ21, CCU21, CDG21, LQ21, ZXL20]. **presentations** [BR21]. **preservation** [SMP24]. **preserve** [CP22]. **preserver** [Gye23, Tom23]. **Preservers** [DHH+20, PR22b, Poo20, GK22a, GS24, Ham22, LMW21, QSH22]. **Preserving** [GA21, AGK+21, BMM24, CL24, Cos20a, Cos20b, Cos21, Cos24, GTW23, GJV20, GJKM21, GMP22, GS23b, HP23b, HH23b, KFS21, KLSP24, LL24a, LTWW23, Loe23, MPRS21, Pan20, Pan22, Ruž21, Sch24, SMM24]. **prevalent** [MST24]. **prime** [BFO23, CLS23, HS23a, Kli20b, LS20b, LP21, SK21a]. **primitive** [HW21a]. **primitivity** [AKL+21]. **principal** [BW24, BJ20a, BLR21, CTS23, FMR20, GQZ20, LHH22, PTD22, Zha24b]. **principle** [CZ20a, FP20, ZX20]. **principles** [LWZL23, LL24b]. **probabilistic** [CMS21, LM22b]. **probabilities** [PSZ21]. **problem** [AdLN23, AAMR20, AC22, BGS22, Beh21, CD23a, CO24, EAHS21, FM22a, FHLS22, FQ20, FKKM22, GA22, GR22, GS20b, Gye23, Hal20, Har22, JS20, JCD24, KS24, KKM22a, Kim22, Kis22, KS20b, KP22, Kov20, LDZ21, LOŠ21a, LOŠ23, MvWC23, MS20a, NYW22, dSP20b, dSP24, PWW23, Pol20, QCCS21, Row20, SS21c, SZ22a, Ste21a, Tom23, WES21, Wan24, XX20, Zal22, ZWF20, ZX20, dBS20, dC21]. **problems** [APLN+23, BLMT21, Boj21, BDFF23, CRR20, CEM21, CKLL20, Des24, DMQD20, EN22, GK20, fLLV20, MMW21, MG21, MC21b, PSAPNV20, PLT23, PS22, SL20a, SLTW22, VD22, WCS20, YGW20, ZMP23, ZKLS20]. **procedure** [MS20b]. **processes** [EGJP21, GZ20a]. **Procrustes** [BGS22, CRR20, Min22]. **product** [AEGV21, AdlC20, BB22, BJ20a, BKS+21, BKR+20, CW23b, CS20, DYB20, Fek20, FKMM21, GT23, GFW24, HY20, HP23b, HK20, Kak20, KLL22, KMNP20, LH20, MQW20, Mil24, PS20, dSP23b, Ran22, Ste21b, TT24, Yos21]. **production** [EHS22]. **Products** [GT21, AL23b, AOCM20, BC21, BDHS22, BDHS23b, BKLT23, BNS22, DGET21, FJS17, FJS21, GJV20, Gow20, HW20, HLZ17, Hou20, Jai21, KT21, Kye23, QSH22]. **programming** [Ans21, ZMP23]. **programs** [LPV21]. **progression** [BLS20]. **project** [MMP21]. **Projection** [CVV21, GOZ21, GNR20, LHZ21]. **projections** [Ais24, AGKS23, ACMM24, BKRS20, BDI20, Fra20, HY24, HPSZ21, LPV21, PLT23, Poo20, RZ24, TXF24, XY20b, ZTX24]. **projective** [BS20f, CLZ22, DGL23b, Mań22, NYW22]. **projectors** [BR22]. **Proof** [CLL20, CJ20, Gau24, HD22, Loe23, LZ21b, Mur22, SD21a,

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Q [NdLO21]. **Q-integral** [NdLO21]. **QLP** [WX20]. **quadrangle** [DG20]. **Quadratic** [CN24, Mło22, dBS20, BBNS22, BRL23, BLMT21, BCS24, CHHS20, GA22, Ger20, GCOP24, Har22, HLS21a, Hua22, IdSSV21, Mel23, MZ22, NYW22, dSP22, dSP23b, dSP24, RB22, Uch21, ZMP23]. **quadrature** [BF21, Sch23]. **quadrics** [BMS21]. **Quantitative** [FGPW24, OW23, hB21]. **Quantitatively** [AL21]. **quantities** [CMM20]. **quantization** [AP23, FISW21]. **Quantum** [CGJvB22, LL21a, AHM20, AGKS23, AFS+23, CJMP22, CDS21, CFKO21, CKOS23, FP23, Gan23, God21, JS22, KS22a, KIS21, KMNP20, KSY21, Kub23, Li20a, LIW20, LCH23, MPR24, OSC20, SMA20, Shi21a, Sol20, Zha22]. **Quasi** [AT24, ADHM23, CW23a, CR21, GP20, Men22, PS23b, Rob20, Yan21, Yan22]. **quasi-Cauchy** [Yan21]. **Quasi-ergodic** [CR21]. **Quasi-hereditary** [AT24, Yan22]. **quasi-linear** [PS23b]. **quasi-periodic** [GP20]. **quasi-Toeplitz** [Men22, Rob20]. **Quasi-triangularization** [ADHM23]. **Quasi-Whittaker** [CW23a]. **quasiabelian** [WFY24]. **quasinilpotent** [HJ24]. **quaternion** [BBC+22a, DL23, Mig21]. **Quaternionic** [CDM21, AG24, BG20, CDM20, DP23, DGL23b, GSV24, GvRR21a, MMA22, NS22, RAK21]. **quaternions** [ACLS20, LDZ21]. **question** [ACG+21]. **questions** [GAM20]. **quiver** [ABHR22]. **quivers** [GLNW24]. **quotient** [PS22]. **quotients** [MS20a, Zak21].

Racah [CFR23]. **radical** [FMS21]. **radii** [AHK23, BS24b, CMS21, KZ24, LZ21b, OM20, SD21c, SC23, XW21, YD21, ZLG20]. **radius** [AOA23, ASS21, AIK+24, AC20a, BGGA22, BDK21, BHHP21, BJ23, BP21b, BKPS23, BP23b, Bhu24, Bui22, CLZ20, CWZ22, CLM22, CDG21, CDG22a, Cos20a, CLY22, DA23, DYB20, DPR20, Dru24, DW21, Ere21, FY23, FLRS20, FW22, FS23, GM23, GLHNW20, GZ20b, GLMM23, HLH23, HBHZ24, HLS21b, HLS22, JGW24, JZZ24, JT24, KLLW21, LW20b, LC20, LQ21, LW21b, LZ20, LZZ23, LLX23, LBW23, LW24, LLA23, MK23, MT21b, MLH22, MR21b, MXZ20, Naj20, O.21, O.22, OPPS22, PK21, QSH22, SKS22, SWW21, Sta20b, SD20, WSW20, WG20b, WCF21, WS22, WZ23a, WZC23, XHW23, YYS+21, ZW21, Zam23, ZXL20, ZZ21, ZG22, ZvD23, ZWW23, ZHG21, ZHW21, ZL23b, ZKLS20, ZWL20b, ZBWL20, ZvD21]. **Rado** [Adr22]. **rainbow** [GLMM23]. **Randic** [AA21, HBHZ24]. **Random** [GNP22, LPV21, PLT23, BAPF23, BW22, CLS23, Coo20, FR21, HW20, HBHZ22, HBHZ24, Kop20, LLW20, LW20a, LLW21,

NS21, OW23, RRvW24, RW22]. **Randomized** [WX20, ZL23a, BWW21, LY20, LG21b, MN24, OPA23, SLTW22]. **range** [BM23, BKLT23, CHSW22, CDM20, CDM21, COB22a, CN21a, CN22, CF22, DY23b, EM23, FGPW24, GW20, HHS20a, Ham22, KP23b, RW21a, vdMvSW24]. **range-kernel** [DY23b]. **ranges** [BdPS21, CCH+21, CR23, CKLN23, GWW21, GW22, Gau24, PW21, RAK21, ZS22b, ZC23]. **Rank** [BR20b, BES21, BCR20, HY20, SG20, ZRQK22, AMR20, AY23, BBS23, BDRS20, BR20a, Bar20, BZZ22, BdPS21, BF24b, BT20b, Bud24, BGLR22, CXZ22, CG22, CJ20, CAJ21, CMT21, Com21, CST21, CFR23, DB23, DH21, DS24, DG22, EGC21, FGM21, GJV20, GL21, GF20, Got20, GLS22, GLT23, GS24, HP23a, HHD20, Kak20, KCPMNS21, Kha24, KPP21, KKM22b, KST22, LS22, LJSZ23, LDZ21, LW21c, LHZ21, MMN22, MC21a, MN24, MR21b, MSZ23, MO20, NPHT20, Oli21, PPŻ21, PPŻ23, PW21, Rod21, Rub22, SK21a, SZH22, Ste21b, TL21, WLT22, XZWT20, ZXZW23, dBS20]. **rank-1** [KPP21, MSZ23]. **Rank-Metric** [BCR20, NPHT20]. **Rank-one** [BR20b, DH21, GJV20, KKM22b]. **rankability** [CLS20]. **ranks** [AKN23, BBS20, FdCP20, Rub21, Shi20b]. **rate** [BWW21, Ros22]. **ratio** [Hae21, Li20b, LHH22, Zha24b]. **Rational** [Dew21, Rob20, AL23b, ADMZ21, DMQD20, KW20, LPS23, NV23b, PQ22, Rub21, Var21, AV23]. **Rationality** [BNS22]. **ratios** [Nic20]. **Rayleigh** [PS22]. **rays** [Yu20]. **reachability** [Sch22]. **Real** [GW24, Moh22, RT21, Wei22, AMO24, AL21, AdlC20, Bib22, BS24b, DJ23, EL20, HVX23, IKLP20, Kol21, LNN+20]. **realising** [KŠ22b]. **Reality** [Bla20]. **Reality-based** [Bla20]. **realizability** [JJS20b, JS20, JMPS21]. **realizable** [AMS21, MM21]. **realization** [AL23b, FM22a, Rub21]. **realizations** [AV23]. **reciprocal** [BP21a, FJ24, MT21b]. **reciprocity** [KNiO23]. **Reconstruction** [ZW20, CO24, Sar21]. **Recovering** [StW22]. **recovery** [CW21, CZ20b, HMPT20, KS20b, KKM22b, LM22b]. **rectangular** [Kop20, MMV21]. **recurrence** [PWW23]. **recursive** [Var21]. **reduced** [Ayd23, BMM24]. **reducibility** [MORŠ21]. **reducing** [CR23]. **Reduction** [WES21, BR23a, CB21, KSSW20, LH21, MS20b, SS22, WXL24, XJLL23]. **Rees** [CDG22b]. **Refined** [BDK21, BR22]. **reflection** [RS21a]. **reflexive** [BK22]. **regarding** [ACG+21]. **region** [CAJ21, KK20b, KŠ22b, NN24]. **regions** [KK22a]. **regression** [Ais24, CI21, GQZ20]. **Regular** [BFF+23b, AG21, AFSS20, AdF20, BDRS20, BR20a, Bar20, CT24, CCO23, DF20a, DYT22, DS24, FS20, GA22, GK22b, GSV24, HO20, IKPR20, KGYY23, KAGH24, Kub22, Kub23, MP21, Nic24, QJMW23, YK21, Zha22, Zha24a]. **Regularity** [MP24]. **Regularization** [Kov20, HH23a]. **regularized** [DAG21]. **Reinhardt** [MT22]. **related** [AHNW22, BCOvdD23, BDI20, CZ22a, CMM20, Est20, FP20, FH23, JJL20b, Kli20b, LMW21, Li22, Mar21, MMW21, MS24, PV21a, Shi21a, Shi22, Sra21, Van24a]. **Relation** [ZXZW23, CIM22, GMR22, WJLW24, WWY23, XTLK23]. **Relations** [Sta23b, WFL20, ACSS22, Arl20, CMM22, GJKM21, Lim21, Nag23, SL21]. **relationship** [TFT20]. **Relative** [BLMT21, Shi21a]. **relatively** [Kus23]. **relaxation** [BHD+21]. **Rellich** [BN23]. **remark** [Bar21b, Shi20b]. **Remarks** [Tei22]. **removal** [JST21]. **Rényi** [DF20c, Shi21a]. **repeated** [JMP21b]. **repelling** [Est20]. **representation** [Ago24, Bla20, CN22, PV22, SC20a, SW21]. **Representations** [AG15, AG20, CFR23, ABHR22, CM23a, CDD21, JL22, KMNP20, MRZ22, NPR22,

O'L23, PQ22, RT21, Sch23, Shi21a, Wie22]. **require** [GHL+24]. **residue** [KW20, NPkT21]. **residues** [Fra22]. **resilient** [KCML20]. **Resistance** [BEF20, Dev22, Est23]. **Resolvent** [Fra22, Zem22, AHV20]. **resolvents** [Fra20]. **resonant** [OSC20]. **resource** [JS22]. **respect** [AdlCPS20, CEM21, Ime23, KKS21, KLSP24, RAK21, Ram23, Sta21]. **Restricted** [NXS23, BD21b, CHSW22, MMA22, PGST23, Poo20, Sat21]. **result** [LLSV21]. **Results** [FJS21, BS20c, BEFSC22, DYLL23, Fra20, Iop20, LJSZ23, Nie24, OW23, Sch23, WHL24, FJS17]. **retraction** [GSS24]. **retrieval** [BFO23, EL20, StW22]. **revealing** [SG20, Ste21b]. **Reverse** [Pre20, BCP24]. **Reversibility** [GL22b]. **Reversible** [BG20]. **revisited** [CCO23, GH23, LIW20, Van24b]. **Revisiting** [LS20c]. **revival** [CCD+22, GZ22, Mon23]. **reweighted** [CW21]. **Riccati** [BF24b, CF24, Ruž21]. **Ricci** [Sic21]. **Richardson** [KK20a]. **ridge** [GQZ20]. **Riemann** [Nag23]. **Riemannian** [ÁVKP20a, DAG21, KKM22a, NXS23, TP23]. **Riesz** [Fra20, GS20a]. **right** [AL23b, BMPS23, DHH+20, FKK21a, Hal20, LS23]. **right-angled** [FKK21a]. **right-hand** [Hal20]. **right-star** [DHH+20]. **Rigidity** [KNS20]. **rigorous** [Miy24]. **Ring** [HKS23, AT21, AM23a, CPS20, CGMP23, NPR22, SSvW20]. **rings** [AT24, BS20f, Bol22, BHKW22, CM23b, Ham22, HLZ17, Hou20, LP21, NPkT21, Nic24, NZ24, Pre20, Wer22]. **Rio** [AHKT21]. **Riordan** [Sło21a, AK23, Bur20, Bur21, CCP22, CCS22, CCKM22, Cob22b, Coh20, He20, KNiO23, LMR21, MMW22, Pet21, SS24a, Sło20, Sło21b, SS23c, YY21, YY23, ZZ20, ZZJ23]. **Ritz** [RW21a]. **robust** [KCML20]. **robustness** [KKM22b]. **Roe** [MT21a]. **role** [AFSS20, DN20]. **Roos** [De 20]. **Root** [DN20, NV23b, CA22, LHK20, NV23a, SZ21, SZ22a, TV21]. **rooted** [Cia22, DR20]. **Roots** [BHMU20, DGL23a, ES23, GvRR+21b, Jon21, MZ22, dSP20a, PZ20, TV21, vRvSTT21]. **Rota** [MDH23]. **rotational** [NNSS20]. **Rotfel'd** [MJ24]. **Row** [RC23, ES23]. **row-permuted** [ES23]. **rows** [KS23a]. **Ruelle** [Mor20]. **rule** [NWW20]. **Ruling** [JMP21b].

Sachs [CC22b]. **saddle** [BDFF23]. **Salem** [RT23]. **same** [BĐK+24, CDG22a, MR21a]. **Sampling** [FR21, CEF+22, MB20]. **satisfying** [BKS+21, DA23, Ime23]. **Saturated** [cRLY20]. **Scaffolds** [Mar21, LTTW22]. **scalar** [BKS+21]. **scale** [BW21, BF24b, CHHS20]. **scaling** [FRS21, LT24, MS22]. **Scattered** [CLZ22, BCM21]. **Schatten** [Bot21, CI21, LHZ21]. **Schatten-** [LHZ21]. **scheme** [AHM20, KCML20, LIW20, SS20]. **schemes** [ABCH23, BMS21, LTTW22, XTLK23]. **Schmidt** [CLRT22, Min22, Zam23]. **Schröder** [YZY24]. **Schrödinger** [CW23a, CW23b, KS23c]. **Schur** [AV23, BJ20b, BS22, Chr24b, CMM22, Dev22, FKM20, Gow20, Skr20, TT21]. **Schwarz** [XX20]. **Secant** [KMZ20]. **second** [ABG20, BW21, BCOvdD22, BCOvdD23, CLM20, LWB20, LH21, MC21b, WQP23, XLS20, YK21]. **second-order** [BW21, MC21b]. **secret** [KCML20]. **sector** [Dru24, FLT20]. **sectorial** [AS20b, Ala21, MJ24, WMCQ23]. **Sedentary** [God21]. **segments** [LZ20]. **Seidel** [ACG+21, BWW21, GKLZ20]. **select** [CRSY22, KHU23]. **selection** [Shi21b]. **self** [AC21, CCK21b, DH21, ES20, IMT20, MMP21, PPŻ21, Pan22, PPŻ23, SZ22a, SZ20]. **self-adjoint** [DH21, PPŻ21, Pan22, PPŻ23, SZ20]. **self-adjointness** [AC21]. **self-conjugate** [ES20]. **self-dual** [SZ22a]. **self-inverse** [CCK21b]. **self-loops** [IMT20].

self-similarities [MMP21]. **selfadjoint** [AMO24, Arl20, CFSiT20, CMM22, GvRR+21b, PSW23, SH20]. **selfadjoint-ideal** [PSW23]. **Semi** [CCK21b, AdF20, BKPS23, Elm23, MRZ22, Men22, MXZ20, WMCQ23]. **semi-Hilbertian** [BKPS23, MXZ20]. **semi-infinite** [Men22]. **semi-invariants** [Elm23]. **Semi-involutory** [CCK21b]. **semi-regular** [AdF20]. **semi-sectorial** [WMCQ23]. **semi-simple** [MRZ22]. **Semiclosed** [ACMM24]. **semidefinite** [AKN23, ANBK22, BGS22, BKR+20, CKM20, Fek20, FM20b, GW24, GNR20, HMPT20, MMN22, NXS23, NN24, PLT23, Tan23]. **semifields** [LS22]. **semigroups** [AG15, AG20, BS20d, CFKO21, PSW23]. **semimonotone** [CD23a]. **Seminorm** [MXZ20, Wój20]. **seminorms** [CG20, Ime23]. **semipositive** [HS23b]. **semiring** [DY23a]. **semisimple** [KK20a]. **Semrl** [Roy24]. **sending** [SS23b]. **sense** [ACM20]. **sensing** [Tsa23]. **sensitivity** [Mis20]. **sensors** [KHU23]. **separable** [GLS22, NGK23]. **Separating** [CL20, LM24, Elm23]. **September** [Ano20-49, Ano20-64, Ano21-65, Ano21-60, Ano22-60, Ano22-71, Ano23-58, Ano23-67]. **Sequence** [AK23, PSRS20]. **Sequences** [AOA23, CER+23, FKM20, He20, PWW23, PW19, PW20, VS21, VS23]. **Sergeichuk** [SZ22a]. **series** [Bur21, Dom20, Zha23]. **Sesqui** [KGYY23]. **Sesqui-regular** [KGYY23]. **set** [BPZ21, CRR20, Cia20b, FPR20, HJ24, LHK20, LOŠ23, ZTX24]. **Sets** [HHS20a, CP20, CLZ22, CAEH+22, ES20, GSV24, GZ20b, HHS21, HJBKR24, HW21a, LNP21, MM21, MMP21, MRT20, Pat20, RW21a, RW22, YLCB21]. **setting** [FP20, JST21]. **several** [DF22, LLH20, Naj20, QSS22, SS23a, SW23, ZM21]. **SGD** [SDTR23]. **shadows** [CTS23]. **Shannon** [Sra21]. **shape** [CWBB23]. **sharing** [KCML20]. **sharp** [MLH22, MKE+20, WG20a]. **sharpened** [LS20c]. **Sheffer** [LMR21]. **shell** [CP23]. **shell-extremal** [CP23]. **shift** [COB22a, CN21b, CKLN23, CKLL20, EJJL20]. **shifts** [HJ24, JJLS23, Pik23]. **short** [CWZ22, SW21, SL20b]. **shortest** [Ste21a]. **Shorting** [Arl20]. **sided** [BB22, KLL22, WW20]. **sides** [Hal20]. **Sidon** [ZT23]. **sigma** [FISW21]. **Sign** [BD21b, CS20, Das22, RX21, SM23, AG21, BN23, BCOvdD22, BCOvdD23, BBC+22b, BS24b, GHL+24, JWZ22, KK22b, OQ22, Shi20b]. **sign-real** [BS24b]. **Sign-restricted** [BD21b]. **signatures** [BCP22]. **Signed** [ADvdH21, ADvdH23, HSS+21, KP23a, RS21b, AAH+22, AFG+21, AHLvdH21, CH21, CG22, CvDB23, CCK21b, HT23, LW20a, LW21d, MMN22, MT23, OJQ20, SZ21, Sta23b, SLL22, VB20, WH20, WYQ21, WLL23, WHL24, Wan24, WLT22]. **Signless** [CWZ22, GH24, ZWL20a, AdL21, CLZ20, HLS21b, KLR22, LWB20, LQL21, LLWW23, LHH22, MK23, MT21b, Obo22, SSS21, VTBC20, XW21, ZXL20, ZHG21, ZWL20b]. **similar** [DBV23]. **similarities** [MMP21]. **similarity** [AdlCPS20, AR21, CN21b, JKX20, TBH20]. **Simple** [GG21, dlCS21, Eld22, IIM+21, KLLS22, MRZ22]. **simplex** [PSZ21]. **simplices** [FS20, Dev22]. **simplicial** [KMZ20, Kni20, KL21c]. **Simplifying** [Zhe20]. **simultaneous** [Ost23, RZ24, Her20]. **Single** [LY20, CLY22, HH23a]. **Single-pass** [LY20]. **Singular** [Djo21, CV21, CJ20, CAJ21, CK23b, Cos21, DN23, FISW21, Fra22, KL23, KK22b, KP22, KN20, LS20b, LHK20, LH21, Loe21, MQW20, Nay23, Van24b, VCR21, ZS22b]. **singularity** [AHV20, GMP22]. **Sinkhorn** [CN20b]. **SISO** [WES21]. **Six** [CdGS12, CdGS20]. **Six-dimensional** [CdGS12, CdGS20]. **size** [BMR23, BĐK+24, CT23, CDG22a, FY23, FPR20, FW22,

HLS22, JLW22, LTYZ23, LW24, MP23a, MLH22, Nar23, Rob20, SWW21, ZG22]. **skeleton** [KLR22, dHH23]. **skew** [BHBO21, BDHS23a, Com21, Du23, DGS21b, EGV20, GS21a, HBHZ24, KT21, LR23, MP22, PS20, Pri22, QSH22, QWW21, SS21a, Sta20b, Sta23b, TFT20, Uru22, YY23, dlCP20]. **skew-adjacency** [Du23]. **skew-eigenvalues** [TFT20]. **skew-Hamiltonian** [SS21a, dlCP20]. **skew-Hermitian** [LR23]. **skew-involution** [PS20]. **skew-symmetric** [Com21, DGS21b, EGV20, GS21a, KT21, Pri22, Uru22]. **SKT** [BF24a]. **slice** [AdF20, AY23, GSV24]. **small** [AMO24, Alt22, BMR23, HW21b, PSRS20]. **smallest** [Csi22, KGYY23, KN20, LW21a, Loe21, LLL22, Obo22, Ran23, SWW21, WWT20, ZLG20]. **Smirnov** [AOCM20]. **Smith** [BS20e, MP23b, Wan21, Wan23]. **Smooth** [Lim22b, BS21a, Lub22, MP20a]. **Smoothed** [NGK23]. **smoothers** [HLW23]. **SNIEP** [MM21, MP23a]. **solution** [MvWC23, PS23b]. **Solutions** [GvRR+23, BS21b, Djo23, DL23, EJ23, KST22, WvdVvdH24]. **solvability** [MP20b]. **solvable** [CNO23, LNN+20, LS20b]. **solve** [VD22]. **Solving** [EN22, MPS24, ABCH23, BF21, HLW23, fLLV20, SDTR23]. **Some** [AGH20, ABR+22, Chr24a, Fra20, GK21, Gow20, HVX23, Iop20, KUZ22, Kus23, LHFL20, LH20, Miy24, Naj20, Sło20, Sło21a, WG20b, AMO24, AAMR20, APNP+21, BSS23, BD21a, BP23a, BdPS21, BO23, BDI20, Bri22, CNO23, CEJM21, Ces20, COB22a, GLLZ20, GAM20, GPR20, HJ24, Ime23, JJL20b, KZPH22, Li22, Los21b, Mar24, MS24, OP21, PZ20, Shi20a, TLC20, TWW20, WSW20, ZJCA20, ZC23]. **space** [AHV20, BS21a, Ban22, BKPS23, BKS+21, CFSiT20, CGP21, DN23, FG23a, FP22, HMPT20, LR23, Mań22, OM20, dSP20a, SS23a, SlW22, ZW21, hB21]. **spaces** [ANAS20, ABHR22, BFMS21, BDI20, BKR+20, CG23, CG20, ĆD20, ĆD23b, DP23, Djo21, FPR20, Fek20, Fra22, GKS21, IKLP20, IOT21, JN22, KNS20, LL24a, MP20a, MORŠ21, MV24, MXZ20, O'L23, ORŠ23, PSRS20, Ran22, Rao21, VMB22, WXY24, Wój22a, ZT23]. **spanned** [BR24]. **spanning** [BEF20, HJBKR24, HWD23]. **sparse** [AK20, ABW22, BR22, CW21, HLW23, HMPT20, Kli20b, KS20b, SLTW22]. **sparseness** [GL20a]. **Sparsity** [BFF+23a]. **SPD** [TP23]. **Specht** [Che22]. **special** [DP23, GPR20, Mil24, Mor22, TLC20, AHKT21]. **specified** [AK20]. **Spectra** [BBC+22a, CCPKP20, DF20a, DH21, JJL20a, AAMR20, AMS21, BS20c, BR23a, CN24, CFKO21, Coo20, DDFM+21, DP23, FPS22, GK20, HO20, HS22, HBHZ22, JMP21b, KIS21, LW20b, RDFM23, SMA21, SB20, SS21b, WZFW23, WFY24, Zha21, ZS22b]. **spectrahedra** [CEF+22, May21, MT22]. **Spectral** [AAH+22, AFS+23, BV24, Bou21, CJMP22, CER+23, DFS23, DKL+22, Des24, DTA23, FOR22, Gan23, GK22b, GM20, GLMM23, HWD23, KY21, LS20a, LBW23, LW24, O.21, WHM23, WZC23, Wan24, YYS+21, ZY24, ZvD21, AOA23, ADGK21, ASS21, AFSS20, AIK+24, AdST22, ACLS20, AC20a, AEGL21, APLN+23, BGGA22, BC22, BHHP21, BDGY21, BR22, BCG24, BKPS23, BEFSC22, Bui22, BS24b, Ces20, CLZ20, CWZ22, CLM22, CWYZ23, CWBB23, CT24, CMS21, CZ20b, CDG21, CDG22a, DYB20, DPR20, DW21, Ere21, FY23, FLRS20, FW22, FS23, GS21a, GA21, GMR21, GM23, GLHNW20, GK21, GZ20b, GLZ21, HLH23, HBHZ24, HLS21b, HLS22, JGW24, JZZ24, JT24, KT21, KLLW21, KP23a, KPP21, LC20, LMW21, LQ21, LW21b, LY23, LJSZ23, LZ20, LOS20, LG21a, LZZ23, LLX23, LS24b, LZ21b, LLA23, MK23, MSZ21, MT21b, MLZ24, MLH22, MR21b, O.22]. **spectral** [OPPS22, PK21, QJMW23, QQM24, Ram23, ST20, SWW21, Sim20, Sim21, Sta20b, Ste21a, SD20, SD21c, SC23, WSW20,

WG20b, WCF21, WS22, WZ23a, XW21, XHW23, YBW24, YD21, ZXL20, ZWF20, ZW20, ZLG20, ZZ21, ZG22, ZvD23, ZWW23, ZHG21, ZHW21, ZL23b, ZKLS20, ZWL20b, ZWL20a, ZBWL20, hB21]. **spectrally** [ANAS20]. **Spectrum** [KK22c, AGNN20, Ban21, BCFT21, CHT20, CGP22, Coo21, Cos24, DR20, Fio20, FB21, GH24, HP22, LQL21, LLSV21, MPS22, Mar24, QWW21, SSP22, Sta23a, Sta23b, XY20c, YW22, ZK21, Zem22, ZLLZ22, Zhe20]. **spheres** [CVV21, LR23, Soł20]. **Spherical** [HW21b, Alf20a, BNS22, Est23]. **spillover** [ADGK21]. **spin** [AD20a, AD20b, FHMP21, FHMP22]. **splines** [BGOO21]. **split** [SSS21]. **splitting** [Ayd23]. **spread** [BEHK22, BCE+23, Bib22, CL21, LMG20, LLW23, MSZ21]. **spring** [UZ21, VS20]. **Square** [MSX22, vRvSTT21, Bar20, CP23, CGMP23, Ghi20, VS20]. **square-integer** [VS20]. **squares** [Boj21, CW21, CKTP20, Hal20, Kor21, KS23b, LV22b, Lyu20, SLTW22, SC20a]. **SR** [GSS24]. **Stability** [BCOvdD22, CT24, GOUY23, SW23, AMO24, AEGL21, BCR+23, BBCK24, CW21, CLRT22, Cav21, KP21, LLSV21, Zha24b]. **stabilizing** [GG21]. **Stable** [Com21, ADvdH21, BBCK24, Cav21, CHY20, Kus23, TV21]. **staggered** [KIS21]. **Standard** [KLR22]. **star** [ARS24, CDM20, CDG22b, DLL23, DHH+20, SS21c, GKK+20, KKSV21]. **star-center** [CDM20]. **star-clique** [DLL23]. **starlike** [Sta23a]. **State** [NPR22, AHM20, ASG22, CW22, GL20b, KS22c]. **states** [CJMP22, CN20a, HX24, KMNP20, KS22c, SS22]. **static** [GS21b, ZK21]. **status** [JST21]. **Steiner** [AS22]. **step** [BDV21, LM22a, WCS20]. **steps** [CN20b]. **Stiefel** [GSS24]. **Stieltjes** [Kov20, YGW20]. **Stirling** [KNiO23]. **Stochastic** [KŠ22b, AKL+21, BC21, CZ20b, Djo23, GK20, HT22, KK20b, KK22a, MvWC23, Pra20]. **Storage** [CLLK21]. **straight** [HLS24]. **strength** [HXLL21, RC23]. **strengthenings** [ELW24]. **strict** [DD23b]. **Strictly** [AJM24]. **string** [YGW20]. **Strong** [ARS24, AGK+21, BHD+21, CS20, FHLS22, GS21c, GS23b, LOS20, Wój22b]. **stronger** [Nay23]. **Strongly** [AEGV21, CCO23, GK22b]. **strongly-regular** [GK22b]. **Structural** [AJM24]. **Structure** [CPTP21, Ham22, XZ21, Bar22, BS21b, Bri22, CCU21, EJ23, FKMM21, GTW23, GFW24, JJS20b, KT21, KFS21, Lew21, LP21, Ran22, SMM24]. **structure-preserving** [GTW23, KFS21, SMM24]. **Structured** [AK20, DL22, SK21a, ADGK21, BEFSC22, Cos21, FGM21, GA21, HJBKR24, Kov21, KFS21, LHK20, dSP20b, PS22, RS21a]. **structures** [Ayd23, BĐK+24, BE20, DLL23, GA22, KK23a, KK23b, Pat20, Tar20, VV22]. **study** [hLqJ21, Sim20]. **subalgebra** [PGST23]. **subalgebras** [BFLT23, MRZ20, MRZ22, Mig21]. **subclass** [SNK22]. **subcubic** [WH20]. **subgraph** [BD21a, FY23]. **subgraphs** [CvDB23, LW24]. **subgroup** [BL23]. **subgroups** [DHR20, HWK21, VZ20]. **subject** [DPR20, OW23, SDS21]. **submajorization** [BMS20]. **submatrices** [BJ20a, BLR21, CKM20, HW21a, RW21a]. **submonoids** [Got20]. **subnormal** [Kim22]. **subproblems** [NN24]. **subrings** [AM23a]. **subsampling** [ZL23a]. **subset** [Shi21b]. **subsets** [BMR23, Cos24, GMP22, Wer22]. **subshift** [CA22]. **Subspace** [AS20a, AD20a, AD20b, Ime23, Kin21, ZT23]. **subspaces** [BCM21, CGP21, GGGD23, GNP22, KK20a, LP22, MAG21, Pol20, RZ24, Rub22, SS21a, Van24b, WW20, Wój22b, XJLL23, Yos21]. **substochastic** [CC22a, JJL20b]. **subtrees** [LBW23]. **Sufficient** [ZWL20b, BCR+23, ZBWL20, ZL23c]. **Suleimanova** [GK20]. **Sum** [LNP21, AT21, BGLR22, Csi22, DGL23a,

ES23, GLT21, GPRT20, Han22, HS23a, HD22, KS20a, KZ23, LV22b, LS23, Onn21, dSP22, dSP24, TWD20]. **Sum-full** [LNP21]. **sum-of-squares** [LV22b]. **sum-rank** [BGLR22]. **summable** [TD22]. **Sums** [Jai21, KS23b, AS20a, Arl20, BM20, CWW24, FK23, FJS17, FJS21, GNP22, KL21b, Kli20a, SZ23b, dlCP20]. **sun** [AdST22, SL20b]. **Superalgebras** [IdSSV21, BBNS22, CM23a, CNO23, HLS21a, Iop20, KK23a, KLLS22]. **supercoalgebras** [KUZ22]. **supereigenvector** [SlW22]. **superpairs** [AO22]. **supervisions** [NMS20]. **supported** [AKPS19, KAPS20]. **Supporting** [dAdCG+21, GLNW24]. **Supports** [MRV20]. **surely** [Roc20]. **Surjective** [CAEH+22, GS20b]. **surprising** [Dax23]. **Suslin** [JR24]. **Suzuki** [CWW24]. **Swift** [FP23]. **Switching** [EJS24, BBCD21, GKLZ20]. **Sylvester** [AdF20, BF21, Djo21, Lim22a, Pra20, Sas21]. **Symbol** [BDFF23, BDvW24]. **symbols** [BEFSC22]. **Symmetric** [BŠ23c, CP21, Kim20, O'L23, Uch23, Uru22, AFK+23, AD20a, AD20b, BGS22, BMR23, Bib22, BGOO21, BR21, CJMP22, CN21b, CL24, Com21, CKM20, DBV23, DJ23, DGS21b, EGV20, EJJL20, FMR20, FG20, GS21a, Gal21, GK20, HH23b, HLYZ21, JZZ24, JMP21b, KT21, KKM22a, KNS20, Kor21, KLL22, KLLS22, LW21a, Lee20, LOŠ22, MC21a, Moh22, MO20, Nag23, PŠ23a, PV21a, PS22, Pri22, Rod21, SZH22, Ste22a, SW21, Van24a, Wei22, Win21]. **symmetries** [AP20, LDW21]. **Symmetrizable** [MS20a, Sim20]. **Symmetry** [GLZ20, SS22, FKMM21, GA22]. **Symplectic** [Ayd23, AdlC20, BFLT23, BJ20b, EV20, GSS24, GT21, IGW17, Jai21, JLX22, Mis20, dSP24, ŠH21a, SZ23a, SMM24, Zem22, dlCP20, dlCS21]. **system** [ABCH23, BCOvdD22, BCOvdD23, FGM21, Ros22]. **Systematic** [Ner20]. **systems** [AOCM21, BH24, BPZ21, BW21, BDN24, Bri22, CMS21, Com21, DYT22, De 20, DK21, GP21, GJ23, HLW23, HMPT20, IB22, JN22, Kak20, KHU23, LPS23, Lew21, LH21, LG21b, Mar24, MMW21, MPS24, Rei23, RW22, SDTR23, ŠH21b, SV21, WXL24, XJLL23, ZK21, Zem22, ZS22b]. **syzygies** [BT20b]. **Szego** [Fik20, FP21].

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Anonymous:2023:EBbn

[Ano23-40] Anonymous. Editorial Board. *Linear Algebra and its Applications*, 675(??):ii, October 15, 2023. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0024379523002872.

Anonymous:2023:EBbo

[Ano23-41] Anonymous. Editorial Board. *Linear Algebra and its Applications*, 676(??):i, November 1, 2023. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0024379523003105.

Anonymous:2023:EBbp

[Ano23-42] Anonymous. Editorial Board. *Linear Algebra and its Applications*, 676(??):ii, Novem-

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Anonymous:2023:EBbq

[Ano23-43] Anonymous. Editorial Board. *Linear Algebra and its Applications*, 677(??):i, November 15, 2023. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0024379523003427.

Anonymous:2023:EBbr

[Ano23-44] Anonymous. Editorial Board. *Linear Algebra and its Applications*, 677(??):ii, November 15, 2023. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0024379523003439.

Anonymous:2023:EBbs

[Ano23-45] Anonymous. Editorial Board. *Linear Algebra and its Applications*, 678(??):i, December 1, 2023. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0024379523003580.

Anonymous:2023:EBbt

[Ano23-46] Anonymous. Editorial Board. *Linear Algebra and its Applications*, 678(??):ii, December 1, 2023. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0024379523003592.

Anonymous:2023:EBbu

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Anonymous:2023:EBbv

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Anonymous:2023:PMa

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Anonymous:2023:PAd

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Anonymous:2023:PJc

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Anonymous:2023:PAc

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Anonymous:2023:PJe

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Anonymous:2023:PJf

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Anonymous:2023:PJd

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Anonymous:2023:PAb

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Anonymous:2023:PSa

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Anonymous:2023:PMb

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Anonymous:2023:PJb

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Anonymous:2023:PDa

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Anonymous:2023:PDb

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Anonymous:2023:PFa

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Anonymous:2023:PNb

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Anonymous:2023:PMc

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Anonymous:2023:PMd

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Anonymous:2023:PSb

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Anonymous:2023:PJa

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Anonymous:2023:PFb

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Anonymous:2023:POb

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Anonymous:2024:EBa

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Anonymous:2024:EBb

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Anonymous:2024:EBc

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Anonymous:2024:EBd

[Ano24d] Anonymous. Editorial Board. *Linear Algebra and its Applications*, 681(??):ii, January 15, 2024. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0024379523004342`.

Anonymous:2024:EBe

[Ano24e] Anonymous. Editorial Board. *Linear Algebra and its Applications*, 682(??):i, February 1, 2024. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0024379523004500`.

Anonymous:2024:EBf

[Ano24f] Anonymous. Editorial Board. *Linear Algebra and its Applications*, 682(??):ii, Febru-

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Anonymous:2024:EBg

[Ano24g] Anonymous. Editorial Board. *Linear Algebra and its Applications*, 683(??):i, February 15, 2024. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0024379523004706.

Anonymous:2024:EBh

[Ano24h] Anonymous. Editorial Board. *Linear Algebra and its Applications*, 683(??):ii, February 15, 2024. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0024379523004718.

Anonymous:2024:EBi

[Ano24i] Anonymous. Editorial Board. *Linear Algebra and its Applications*, 684(??):i, March 1, 2024. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0024379524000089.

Anonymous:2024:EBj

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Anonymous:2024:EBk

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Anonymous:2024:EBl

[Ano24l] Anonymous. Editorial Board. *Linear Algebra and its Applications*, 685(??):ii, March 15, 2024. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0024379524000259.

Anonymous:2024:EBm

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Anonymous:2024:EBn

[Ano24n] Anonymous. Editorial Board. *Linear Algebra and its Applications*, 686(??):ii, April

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Anonymous:2024:EBo

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Anonymous:2024:EBp

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Anonymous:2024:EBq

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Anonymous:2024:EBr

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Anonymous:2024:EBs

[Ano24s] Anonymous. Editorial Board. *Linear Algebra and its Applications*, 689(??):i, May 15, 2024. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0024379524001204.

Anonymous:2024:EBt

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Anonymous:2024:EBu

[Ano24u] Anonymous. Editorial Board. *Linear Algebra and its Applications*, 690(??):i, June 1, 2024. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0024379524001423.

Anonymous:2024:EBv

[Ano24v] Anonymous. Editorial Board. *Linear Algebra and its Applications*, 690(??):ii, June

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Anonymous:2024:EBw

[Ano24w] Anonymous. Editorial Board. *Linear Algebra and its Applications*, 691(??):i, June 15, 2024. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0024379524001599.

Anonymous:2024:EBx

[Ano24x] Anonymous. Editorial Board. *Linear Algebra and its Applications*, 691(??):ii, June 15, 2024. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0024379524001605.

Anonymous:2024:EBy

[Ano24y] Anonymous. Editorial Board. *Linear Algebra and its Applications*, 692(??):i, July 1, 2024. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0024379524001782.

Anonymous:2024:EBz

[Ano24z] Anonymous. Editorial Board. *Linear Algebra and its Applications*, 692(??):ii, July 1, 2024. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0024379524001794.

Anonymous:2024:PAa

[Ano24-27] Anonymous. Pages 1–134 (1 April 2024). *Linear Algebra and its Applications*, 686(??): 1–134, April 1, 2024. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic).

Anonymous:2024:PMa

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Anonymous:2024:PJb

[Ano24-29] Anonymous. Pages 1–186 (15 January 2024). *Linear Algebra and its Applications*, 681(??): 1–186, January 15, 2024. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic).

Anonymous:2024:PJc

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Anonymous:2024:PJd

[Ano24-31] Anonymous. Pages 1–232 (15 June 2024). *Linear Algebra and its Applications*, 691(??): 1–232, June 15, 2024. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic).

Anonymous:2024:PMb

[Ano24-32] Anonymous. Pages 1–246 (15 March 2024). *Linear Algebra and its Applications*, 685(??): 1–246, March 15, 2024. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic).

Anonymous:2024:PMc

[Ano24-33] Anonymous. Pages 1–256 (1 May 2024). *Linear Algebra and its Applications*, 688(??): 1–256, May 1, 2024. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic).

Anonymous:2024:PFb

[Ano24-34] Anonymous. Pages 1–264 (15 February 2024). *Linear Algebra and its Applications*, 683 (??):1–264, February 15, 2024. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic).

Anonymous:2024:PAb

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Anonymous:2024:PJe

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Anonymous:2024:PMd

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Anuelic:2024:SSC

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