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<p>$(-1, 1)$ [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,</p>	<p>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, 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]. α [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, ZZ21, ZHW21]. α [CDG21, DLVV21, LL21c, TCC21, WSW20, XWT20]. $\alpha(M)$ [FQ20]. $*$ [AG15, AG20]. $AX^\varepsilon + BX^\delta = 0$ [DL23]. $AXA = XAX$</p>
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[Djo23]. b [ZL23c]. [Mor22]. c [GS21a]. C^* [CMM20]. C^n [EJL20]. C^* [CN20a, CDR23, EE23, FPS22, Ham22, 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]. ℓ^∞ [FISW21]. $\eta(G, \sigma) = |V(G)| - 2m(G) + 2c(G) - 1$ [LW21d]. $F_{q^6} \times F_{q^6}$ [BCM21]. G [CDD21, CL22, GG21, AAMR20, DY24, ZWT21]. $G^*JG = J$ [EJ23]. $\text{Gr}_3(C^6)$ [HPSZ21]. H [CGP22, CS21, Gor24, GvRR21a, GvRR⁺21b, SMA21, WES21, vRvSTT21, MMV21]. $H(3, 4)$ [DG20]. i [GZZ21]. $J_q(N, D)$ [LIW20]. K [FSRVSS22, LL21d, AdLN23, BCE21, Fio20, HJBKR24, HL20, HLS21b, 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]. $\{K_{k+1}, L_s\}$ [ZY24]. L [BM22, JLW22]. l^∞ [Yu20]. L_+^n [HS23b]. L_1 [NNSS20]. λ [Mif21]. $[g]/2$ [DY24]. $[g]/2 - 1$ [DY24]. ≤ 4 [Com21]. LU [LY20]. M [CS21, DMS20, KLS21, Men22, Beh21, EJL20, GvRR⁺21b, JJS20a, SZH22]. M_n [BSC23]. $M_n(E)$ [Fid22]. $M_n(F_2)$ [Ste22b]. CP^n [SS22]. $DL(P)$ [DN23]. F_q^n [AS20a]. \mathbf{Q} [GvRR⁺23]. \mathbf{Z} [dAGK21]. \mathbf{Z}_n [CPS20]. \mathcal{AN} [GOUY23]. $\mathcal{B}(H)$ [AGK⁺21]. $\mathcal{CX} \otimes \mathcal{BH}$ [EE23]. \mathcal{D}_α [DPR20]. $\mathcal{L}(C^n)$ [MRZ20]. $\mathcal{L}(H)$ [Wój22b]. $\mathcal{L}(l_2^2)$ [Wój22b]. $f\downarrow(2, \mathbf{C})$ [JL22]. $f\lambda_4$ [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]. $\text{PSL}(3, \mathbf{C})$ [BCNS22]. Q

[JLW22, LMX23, OPPS22, Sud22, Tan23, ZL22, AKVS23, BPS23, CKOS22, Hom20, Lee20, LHZ21, Ner20, ZZ20]. $q + 1$ [Hom20]. $q + 2$ [Hom20]. Q_0 [CESS21, SNK22]. r [LC20]. R^d [DO22]. R_0 [ME21]. S [DP23, AK20, BNS22]. S_n [HMS21]. $s \geq 3$ [BNS22]. sl_n [Bar22]. SR [FRS21]. \star [Ham22]. $\text{SU}(2)$ [Sol20]. T [MQW20, BNS22, FdCP20, WXY24]. $t \geq 2s - 2$ [BNS22]. \tilde{D}_n [MP23b]. \times [CL20]. $U_q(\widehat{f\downarrow}^2)$ [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]. **-analogue** [MMV22, Ner20]. **-analysis** [AKVS23]. **-Bernstein** [MMV21]. **-Bures** [DLVV21]. **-by-** [CN23a, CN23b]. **-chromatic** [Ere21]. **-circulant** [AAMR20]. **-commutant** [BPS23]. **-commuting** [BPS23, LP21]. **-complex** [EJL20]. **-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]. **-domination** [AAF23]. **-double** [AdST22, ZZ20]. **-eigenvalue** [CLM20, WFGT20]. **-eigenvalues** [Zha21]. **-factor** [ZLLZ22]. **-factors** [ZL23c]. **-forest** [BEF20]. **-frames** [LL21d]. **-free** [BES21, LMX23, MLH22, WHL24, ZY24]. $[?]\text{free/Min:2022:SUB}$. **-functions** [Beh21]. **-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]. **-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]. **-minor** [WCF21, ZL22]. **-minor-free** [LLW23]. **-module** [XY20b]. **-nearest** [Yu20]. **-nonnegative** [vRvSTT21]. **-norm** [BM22, NNSS20]. **-normal** [LL21c]. **-norms** [CI21, FISW21]. **-orbit** [HMS21]. **-order** [SZH22]. **-orthogonal** [AP20]. **-palindromic** [BN23]. **-phases** [CDD21]. **-polynomial** [Sud22]. **-positive** [Le22]. **-power** [LL21a]. **-product** [MQW20]. **-property** [GOUY23, MC21b]. **-rings** [Ham22]. **-selfadjoint** [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, OPSS22, 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** [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, Ano24k, Ano24l]. **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, Ano24j, Ano24i].

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, Ano23-71, Ano23-63, 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** [Ano24k, Ano24j, Ano24l, Ano24i]. **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** [Slo21a]. **595** [MH21].

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

ABC [LW20b, YD21, GLHNW20]. **Abel** [CN21a, CN22, CN23b]. **abelian** [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, Coo20, HS23a, AdL21, BGG22, BS23a, CGP22, Du23, LW21b, WZFW23, XW21]. **adjoint** [DH21, GLT21, PPŽ21, Pan22, PPŽ23, SZ20]. **adjointable** [AG15, AG20]. **adjointness** [AC21]. **adjugate** [CZ22b, RMG24]. **Admissible** [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, Slo21a, SD21a, AOCM20, BK22, BE20, CW23a, CW23b, CCS20, CFR23, CDR23, CdSV22, FM20a, FGGG24, FP22, FT23, GFD21, dAGK21, Jon21, KZPH22, LIW20, LP22, MPS22, Mor22, Mur22, PGST23, SIW22, Vit21, WFSS20, Yas23, AHKT21]. **Algebraic** [AM21, HS23b, Tar20, AM23b, BEHK22, Bri22, CF24, Das22, KS22a, KW20, BCP22]. **algebraically** [BHBO21]. **algebras** [ABCO22, AM21, AEGV21, Alt22, AOCM20, ABC⁺22, BS20b, BB22, BFLT23, BRL23, Bez22, BDHS22, BDHS23b, Bla20, 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, GK22a, GT23, GKS21, GS20a, Gow20, GMP22, Ham22, HKS23, JJJ20b, KK23a, KK23b, KY21, Kol21, KLL22, Kye23, LM22a, LNN⁺20, LS20b, MT21a, Mar21, Mig21, MRT20, MDH23, 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, CLRT22, HNS21, fLLV20, LY20, Sch23, SZ21, SZ22a, VD22]. **ALIF** [BC22]. **allow** [BFF⁺23b, BFF⁺23a, Das22]. **allowed** [BBC⁺22b]. **Almost** [BDV21, AK23, CDdM22, CD23a, CK21, DYLL23, FMR20, Roc20, Slo21b]. **almost-principal** [FMR20]. **almost-Riordan** [AK23, Slo21b]. **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, LHZ21, MMV21, Mis20, SDTR23, Szc21]. **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, Slo21a, SD21a]. **application** [AFK⁺23, ACM22, AP23, CKOS23, DMQD20, Fio20, PŠ23a, PS22, Pra20, RSS21, ZS22a]. **Applications** [CC22b, Kak20, KK20a, SZ22a, AAMR20, CST21, CCL21, Djo21, DL22, EGJP21, FISW21, GSS24, GCOP24, HCZ20, HLYZ23,

HVX23, KS23c, KP21, LHFL20, MMV21, MP22, MG21, NN24, SWW22, 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, ZKM20, 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]. **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, DZCY22, DM24, GLZ20, HCZ20, HP22, KL21a, KS22c, LW21a, MRT20, PPŽ21, RW21a, Sta23b]. **association** [BMS21, LTTW22, XTLK23]. **associative** [Bri22]. **Asymptotic** [LLW21, MPS22, BCR⁺23, Du23, LLW20]. **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]. **Automatic** [PSW23]. **automorphic** [BKT23]. **automorphism** [Oli21, SZ22b]. **Automorphisms** [AM23a, Bez22, CGMP23, PPŽ23, 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]. **Band** [GGGD23, CCCS21, EGV20]. **Band-diagonal** [GGGD23]. **banded** [OW23]. **Bartholdi** [Zhu21]. **based** [Bla20, BDF23, CL21, FQ20, GSS24, GFW24, GMR22, KCML20, LLW20, LLW21, LW21b, MQW20, NPkT21, NPHT20, QJMW23, SGGZ21, XJLL23]. **bases** [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, BCE21, CMS21, CAEH⁺22, FPR20, GKS21, GMR22, IOT21, KS22c, Kye23, MP20a, Min22, Mon23, Sán21, Sta23b, WFL20, WWY23, ZXZW23]. **betweenness** [DF20b, DF22]. **Beurling** [ACSS22]. **beyond** [RS21b, XZ23].

Bhattacharya [CLwW22, GF20]. **Bhattacharya-Mesner** [GF20]. **Bi** [CR23]. **Bi-isometries** [CR23]. **bicyclic** [DGS⁺21a, SWW21, YD21]. **bidegreed** [SSS21]. **bidagonal** [BFMM23, MPR24, MMV21, TŽ23]. **bifurcation** [FHLS22]. **bifurcations** [Fik20]. **Bilinear** [SDS21, Bui21, KLLS22, Ros22, RSS21]. **binary** [BT20a, HP23a, May21, Sha22, SZH22]. **Binomial** [BCR20]. **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]. **Blanchfield** [BCP22]. **Blind** [GZ20a, KKM22b]. **Block** [CLRT22, HMPT20, 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** [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, Ano24h, Ano24a, Ano24b, Ano24c, Ano24d, Ano24e, Ano24f, Ano24g]. **Bogomolov** [Rai23]. **Bohemians** [CCGV⁺20]. **book** [TTV23]. **Boolean** [CKKR23, KCML20]. **Bordered** [Kli20a, CESS21]. **Bordering** [AFK⁺23]. **Borders** [AHKT21]. **Bose** [Mar21]. **Böttcher** [CKOS23]. **bound** [AAF23, AL23a, BT20b, FLRS20, Fio20, Hae21, LZZ23, LHZ21, MLH22, MT23, WG20a]. **boundary** [CEM21, KŠ22b]. **Bounded** [BDRS20, 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** [Sol20]. **Brazil** [AHKT21]. **breaking** [AKL⁺21]. **bridge** [BCE21]. **bridges** [CGJvB22]. **Brouwer** [Coo21, GPRT20, Roc20]. **Brualdi** [YLCB21]. **Brualdi-type** [YLCB21]. **Bruhat** [FdCS20]. **Brunn** [LF20, ZJCA20]. **bundles** [DD23b]. **Bures** [DLVV21, Min22].

caching [FT23]. **Cadzow** [KPP21]. **cages** [HP22]. **calculus** [LMR21, NS21]. **Calderón** [GR22]. **can** [HMS21]. **canonical** [GvRR21a, Sta21, SZ20]. **cardinality** [AGNPSE23, SS21b]. **Cartan** [CKL24, FKM22, Sim20]. **case** [AS20a, CV21, GS21a, LTYZ23, Mañ22, Zem22]. **cases** [dSP22, dSP23b]. **Catalan** [Pet21]. **Cauchy** [Ner20, Yan21]. **Cayley** [AY23, ASG22, AS23, BL22, BL23, CW22, CK23a, Ces20, DF20a, ET20, Hua22, KB22, Kad23, LW21a, MT23, MST24, Mur22, PV21b, SSvW20, WFY24]. **Cellularity** [XY20a]. **center** [CDM20, Cia20b, PV21a]. **Centers** [HLYZ23]. **Central** [CNO23, GFD21]. **centrality** [BD21a]. **centralizer** [MMR20, XZ21]. **centralizers** [AM23b]. **centrosymmetric** [CCK21a, XY20a]. **Certain** [DY23a, AG21, BDNO20, BS20f, BMPS23, Cra21, CMR21, DO22, EMŠV22, GLZ20, GL20a, JMP21b, LW21a, Shi21c, TW21]. **chain** [BHKW22, CM23b]. **Chains** [CGG⁺21, AHV20, CCPKP20, CK23b, CR21, DS20, LL20, VS20]. **Change** [JST21, 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]. **chiral** [FP23]. **Cholesky** [Kim20]. **chordal** [AJM21, AJM24]. **Chromatic** [CK23a, Ere21, Gan23, PK21, WYF⁺20, WYQ21]. **circle** [Adr22, BBCD21, FG20, FG23b]. **Circulant** [DN21, AAMR20, ACOM21, CEJM21, Che21, DS22, HP23a, LS23, ĐMM⁺22]. **Circular** [Lee22, TŽ23, GW20, PW21]. **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, PPŽ21, Pan22, PPŽ23, WZ23b, ZM21]. **classical** [CGP21, KW20, Pan23, Pet21]. **Classification** [AADT23, BKS⁺21, DGL23b, FN23, SS23b, ABCO22, DGdSS23, Sim21]. **classify**

[LNN⁺20]. **Classifying** [BDN24, IdSSV21]. **clean** [Šte22b]. **Cleaning** [KS22a]. **clique** [DLL23, DW21, HLX20, HXLL21, JGZ21, WHM23, ZvD21]. **cliques** [DKL⁺22]. **close** [MS21]. **Closed** [BKLT23, BHBO21, De 20, SL21]. **Closed-range** [BKLT23]. **closest** [Kov21]. **Cluster** [EGL21]. **clustered** [BDGY21, KN20]. **clustering** [AEGL21]. **Clusters** [CK23b]. **CM** [EL20]. **CMV** [FG20, GP20]. **co** [AV23, BPS23, ZBCI21]. **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, NPHT20, Ner20, Oli21, ZT23]. **Codeterminantal** [AAHV22]. **codimension** [Alt22, MRT20]. **codimensions** [Riz23]. **coding** [KS22a]. **coefficient** [GZZ21, GQZ20, LL21b]. **coefficients** [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** [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, 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** [VD22]. **complements** [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, EJL20, 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** [Yaz21]. **composition** [AOCM20, SS23a]. **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].
Concentration [HW20]. **concentric**
[PW21]. **concept** [KP21, SG20].
concerning [CJ20, FdCS20, GAM20, Gye23,
Iop20, QJW20, Row20]. **condition**
[BCR⁺23, BS20e, CV21, DBV23, Gal21,
GLZ21, fLLV20, LG21a, Pra20, Sch23].
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, ST20]. **Conference**
[AHKT21]. **configuration** [cRLY20].
configurations [CDG22b, Sud22].
Congruence [BFMS21, HWK21].
congruences [DY23a]. **conic** [LPV21].
conjecture [BD21a, BCM21, Buc20, CLL20,
CJ20, CLwW20, Coo21, FdCS20, GPRT20,
GdM23, Gau24, HLH23, HD22, KL21a,
Loe23, LZ21b, PPW20, Roc20, SD20, SL20b,
SD21a, SD21d, Tur21, WZ23a, XZ23, YW22,
ZL23b, ZHSX20]. **Conjectured**
[DID22, GAMA20]. **Conjectures** [BC22,
KK22a, BEHK22, GLLZ20, KK20b, SD21c].
conjugacy [PPŻ21, Pan22, PPŻ23].
Conjugate [EL20, CF24, ES20].
Connected
[LTYZ23, AHLvdH21, CCPKP20, CLL20,
CLT22, HLS21b, 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**
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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**
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continuous-time [Zha22]. **contour** [FP21].
contracting [LC20]. **contractions** [LZ21a].
contractivity [BCE21]. **control**
[BPZ21, Dra22, Ost23, WES21, ZK21].
controllability [AD20a, AD20b, BPZ21].
controllable [DYLL23]. **Convergence**
[CW21, ABCH23, BWW21, BDFP23, Har22,
SDTR23, YOY21]. **converters** [GS21c].
Converting [DGS21b]. **Convex**
[GKS21, MS21, JLL20a, 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** [Mif21]. **corners**
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[LLH20]. **coronae** [SC20b]. **Correlation**
[BAPF23, GQZ20, Li20a]. **corresponding**
[BLS20, FKKM22, PPŻ23, RS21a, TV21].
Corrigendum
[AD20a, Ali20, AG20, BP23b, BDHS23b,
BKSP23, CdGS20, FJS21, FHMP22, Hou20,
JLM20a, MH21, PW20, Slo21a, SD21a].
cosine [HJBKR24]. **Cospectral** [ADHS23,
GZ22, KSSW20, LWYL20, QJW20].
Cospectrality [MPRS21, Her20]. **costly**
[OPA23]. **countable** [LL20, dSP23a].
counter [Slo20, Slo21a]. **Counterexamples**
[CLwW22, CDPR23, FJS17, FJS21].
Counting [Rei23]. **coupled**
[GP21, ZBdAF20]. **couplings** [OSC20].
covariance [GZ20a]. **covariant** [LCH23].

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Inverse [CN22, DMS20, GK20, PSAPNV20, YGW20, AAMR20, APLN⁺23, BBG21, Beh21, Bol21, CEJM21, CS21, CCK21b, CN21a, CESS21, FHLS22, FG23a, GR22, HLW23, LOŠ21a, LOŠ23, MvWC23, RX21, SM23, SS21c, WCS20, dAdCG⁺21]. **inverses** [Dra23, GZ20a, KLS21, MR21a].

Inversion [AHV20, PŠ23a, RS21a]. **invertibility** [Cos20b]. **invertible**

[FM22a, Loe21, dSP23b]. **Involution** [BDHS23a, CdSV22, HS20, Iop20, IdSSV21, PS20, Uru22]. **involutions** [AdlC20, BDHS23a, EV20, FGDY20, FP22, HLZ17, Hou20, HHS20b, RAK21, Slo21b]. **Involutive** [BW22]. **involutory** [CCK21b]. **involving** [AHK23, ACOM21, LLA23, ZWW23]. **irreducibility** [MG21]. **Irreducible** [CCU21, Wie22, Dra22, Hu21, YLZH21, GHL⁺24]. **irregularity** [LYZ23]. **isolated** [AHV20]. **Isometric** [CFSiT20, AV23, JJS20a]. **isometries** [BG20, BKS15, BKSP23, CR23, CAEH⁺22, GS21a, GL22b, IKLP20, IOT21, MS21, Sán21]. **isometry** [BL20, Sat21]. **Isomorphism** [WZ23b, KK22b]. **isomorphisms** [CMM20, EE23, FP22]. **isospectral** [KSSW20, PV21b]. **Isospectrality** [PW21]. **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, Ano24i, Ano24i, Ano23-70]. **JB** [CWW24, CAEH⁺22]. **JB-algebras** [CWW24]. **Jensen** [Sra21]. **Jiang** [WW20]. **Johnson** [ADHS23, AHM20, MB20]. **join** [AFK⁺23, CGP22, SMA21]. **Joins** [SB20, ĐMM⁺22, LOŠ22]. **Joint** [Pik23, Bui22, CMS21]. **jointly** [BO23]. **Jordan** [AM21, AHV20, Alt22, AO22, CCU21, CLNY22, DGdSS23, FP20, GS20a, Gow20, JLL20b, JJS20b, KT21, KS20a, 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, AHKT21]. **June** [Ano20-59, Ano20-51, Ano21-51, Ano21-58, Ano22-65, Ano22-61, Ano23-51, Ano23-56]. **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].

labeling [LL21c]. **labelling** [SWW22]. **Lagrange** [Bur21]. **Lagrangian** [SS21a]. **Laguerre** [MPR22]. **Laman** [BC21]. **Lanczos** [CT24, GP21]. **Lanczos-like** [GP21]. **Landau** [CLNY22]. **Laplacian** [AMZ21, AJM21, AJM24, ASS21, AAFT22, AvDF20, AADT23, AdL21, BR23a, BEHK22, BCE⁺23, Bol21, CLS20, CPS20, CLZ20, CWZ22, CK23b, Coo21, DDFM⁺21, ET20, Est20, FCLP22, GM22, GPRT20, GH24, GZZ21, GMSG22, HLW23, HLS21b, 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, CHHS20, cRLY20, MSX22, ZT23, ZWL20a]. **large-scale** [BW21, 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]. **Lefkovich** [APNP⁺21]. **Lefschetz** [MRT20]. **left** [AL23b, DHH⁺20, LS23]. **left-star** [DHH⁺20]. **Leibniz** [CNO23, LM22a, dMdSS23]. **lemma** [FHLS22, SMA21, Ks22a]. **length** [JMP21a]. **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, 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, Mañ22]. **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, LTWW23, MH21, PW20, QSS22, Slo21a, SD21a, ZMP23, tHvdM21, AM23b, 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, PLT23, PS23b, Pre20, Rei23, RW22, SDTR23, 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** [Car21]. **list** [NPkT21]. **Littlewood** [KK20a]. **lively** [SMA20]. **LLL** [CLLK21]. **Local** [ÁVKP20a, CRR20, DMQD20, MORŠ21, BC21, BMM24, CZ20a, JJS20a]. **local-global** [CZ20a]. **localization** [Che22, GP20]. **Locally** [AM23b, 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, FGM21, JMPS21, KKM22b, KST22, Li20a, LHZ21, MO20, SK21a]. **low-dimensional** [Li20a]. **Low-rank** [TL21, FGM21,

KKM22b, KST22, LHZ21, SK21a]. **Lower** [ASS21, GMR21, MP21, Sta20a, ZZ21, AOA23, AGH20, AL23a, BS20f, Dew21, GZ20b, KL23, Lim22a, LZZ23, Loe21, MT21b, Rum22]. **lower-triangular** [Dew21]. **Lu** [GLLZ20]. **Lukasiewicz** [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, JLL20b, YZ20, vED22]. **majorizations** [GS21c]. **Manifold** [ÁVKP20b, GSS24]. **manifolds** [ÁVKP20a]. **many** [CN20b]. **map** [CM23a, CN2, CN23b]. **mapping** [AFS+23, GKS21]. **mappings** [dSP23a, Shi20a]. **Maps** [BMM24, HP23b, BFMS21, BSC23, BHMU20, BKT23, BS20g, Bui21, CDPR23, CMT21, Cos20a, Cos20b, Cos21, Cos22, Cos24, DN21, FOR22, GJV20, GS20b, GMP22, HH23b, JLL20b, JS22, KCML20, Kye23, LV22a, 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]. **Marchesini** [BCR+23]. **Markov** [BS20a, BAPF23, CK23b, CR21, EGJP21, 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, 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, BAPF23, BHBO21, BdPS21, BJ20a, BC21, BR22, BCOvdD23, Bez22, BJ23, Bib22, BDHS22, BDHS23b, Bol22, BEFSC22, BFPS21, Bou21, BMM24, BFMM23, BM20, BR23b, BD21b, 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, CP22, CK23b, CKM20, Cos20a, Cos21, Cos22, CGMP23]. **matrices** [CdSV22, CS20, CCL21, DGS20, DGS23, DY23a, Dew21, DJ23, 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, 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, MPR22, MPR24, MA22, Mao20, MMV21, MMV22, MRZ22, MR21a, MSZ21, MORŠ21]. **matrices** [MS20a, MT21b, MC21a, MRV20, Men22, Mig21, 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, RS21a, RKBA21, RSS21,

RX21, Rub21, Rub22, SS21a, ST22, ŠH21a, Sha22, SM23, SS21c, Shi21c, Shi22, Sim20, Sra21, SS20, SSvW20, Tan23, Tei22, TP23, Tom23, TBH20, VS20, 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, BGA22, Bai24, BBG21, BS20e, BJP21, BR20a, Bar20, BR20b, BN23, BT20a, BFMS21, BDN24, BBS20, BS23a, BFPS21, BM22, BS23c, CP20, Car21, CZ22b, CK23a, CLW22, CAJ21, CLS23, CN21b, CMP21, CP23, CESS21, Cob22b, CER⁺23, CMM22, Cos20b, DB23, DID22, DMS20, DZCY22, DdR20, DLL20, DP21, Djo23, 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, HLS21a, JJL20a, KL23, KCPMNS21]. **matrix** [Kim20, KIS21, Kop20, Kov21, KP21, Kye23, LNN⁺20, fLLV20, Li22, 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, Uch21, Uch23, Uru22, VS23, VD22, VB20, WCKQ20, WZL21, WWG22, WMCQ23, Wan23, Wer22, XY20a, XZ21, XWT20, XBSF23, Yan22, ZG21, dVLG23, tHvdM21, GGGD23, KS23b, LLWW23]. **matrix-sequences** [CER⁺23]. **matrix-tree** [GRR22, LLWW23]. **matrix-weighted** [Han21]. **matrixwise** [DFH⁺20]. **max** [AdLN23, Jon21, KZPH22, MPS22, MP20b, MP24, SIW22, TV21, WFSS20]. **max-min** [MP20b]. **max-plus** [Jon21, MP24, SIW22, 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, ADvdH21, AHLvdH21, ADvdH23, BCM21, CLL20, CLT22, CKM20, FY23, GLT23, LW21c, SG20, WG20a, WYF⁺20, WS22, YD21]. **maxmin** [MPS24]. **maxmin-** [MPS24]. **May** [Ano20-62, Ano20-61, Ano21-50, Ano21-52, Ano22-52, Ano22-53, Ano23-65, Ano23-66]. **Mazur** [BS21a, Ban22]. **McCarthy** [BL20]. **McEntegert** [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, 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** [BDF23, 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]. **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** [XJLL23, BDSS21, CZ20b, CD23b, GQZ20, LM22b]. **models** [BCR⁺23, HH23a]. **modifications** [MPRS21]. **modular** [CN23a]. **module** [AM23a, BBNS22, Mur22, XY20b]. **modules** [BHKW22, CW23a, EGL21]. **moduli** [ABHR22]. **modulo** [CLS23, JMP21a]. **modulus** [BMM24, MR21a]. **moment** [Cia22, EAHS21, FKM20, FKKM22, Kov20, Zal22]. **Momenta** [dlPG21]. **momentary** [BEFSC22]. **Moments** [BCR20]. **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, 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** [AAF23, 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** [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, FG24]. **near** [MSX22]. **near-Hadamard** [MSX22]. **Nearest** [AGV20, DB23, LHK20, SK21a, Yu20]. **Nearly** [CGP21, FRS21, FK21]. **necessary** [BCR⁺23, Kub23]. **negative** [Bas21, 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, BFPS21, BM20, BE20, BDV21, CL20, CdGS12, CdGS20, CMR20,

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[RS21a]. **reflexive** [BK22]. **regarding** [ACG⁺21]. **region** [CAJ21, KK20b, KŠ22b, NN24]. **regions** [KK22a]. **regression** [CI21, GQZ20]. **Regular** [BFF⁺23b, AG21, AFSS20, AdF20, BDRS20, BR20a, Bar20, CT24, CCO23, DF20a, DYT22, FS20, GA22, GK22b, HO20, IKPR20, KGY23, Kub22, Kub23, MP21, Nic24, QJMW23, YK21, Zha22]. **Regularity** [MP24]. **Regularization** [Kov20, HH23a]. **regularized** [DAG21]. **Reinhardt** [MT22]. **related** [AHNW22, BCOvdD23, BDI20, CZ22a, CMM20, Est20, FP20, FH23, JYL20b, Kli20b, LMW21, Li22, Mar21, MMW21, PV21a, Shi21a, Shi22, Sra21]. **Relation** [ZXZW23, CIM22, GMR22, 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** [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, RAK21, Ram23, Sta21]. **Restricted** [NXS23, BD21b, CHSW22, MMA22, PGST23, Poo20, Sat21]. **result** [LLSV21]. **Results** [FJS21, BS20c, BEFSC22, DYLL23, Fra20, Iop20, LJSZ23, OW23, Sch23, WHL24, FJS17]. **retraction** [GSS24]. **retrieval** [BFO23, EL20, StW22]. **revealing** [SG20, Ste21b]. **Reverse** [Pre20]. **Reversibility** [GL22b]. **Reversible** [BG20]. **revisited** [CCO23, GH23, LIW20]. **Revisiting** [LS20c]. **revival** [CCD⁺22, GZ22, Mon23]. **reweighted** [CW21]. **Riccati** [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]. **Ring** [HKS23, AT21, AM23a, CPS20, CGMP23, NPR22, SSvW20]. **rings** [BS20f, Bol22, BHKW22, CM23b, Ham22, HLZ17, Hou20, LP21, NPkT21, Nic24, NZ24, Pre20, Wer22]. **Rio** [AHKT21]. **Riordan** [Slo21a, AK23, Bur20, Bur21, CCP20, CCS22, CCKM22, Cob22b, Coh20, He20, KNiO23, LMR21, MMW22, Pet21, Slo20, Slo21b, 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** [NNS20]. **Row** [RC23, ES23]. **row-permuted** [ES23]. **rows** [KS23a]. **Ruelle** [Mor20]. **rule** [NWW20]. **Ruling** [JMP21b]. **Sachs** [CC22b]. **saddle** [BDF23]. **Salem** [RT23]. **same** [CDG22a, MR21a]. **Sampling** [FR21, CEF⁺22, MB20]. **satisfying** [BKS⁺21, DA23, Ime23]. **Saturated** [cRLY20]. **Scaffolds** [Mar21, LTTW22]. **scalar** [BKS⁺21]. **scale** [BW21, 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]. **Schrödinger** [CW23a, CW23b, KS23c]. **Schur** [AV23, BJ20b, BS22, 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** [FLT20]. **sectorial** [AS20b, Ala21, WMCQ23]. **Sedentary** [God21]. **segments** [LZ20]. **Seidel** [ACG⁺21, BWW21, GKLZ20]. **select** [CRSY22, KHU23]. **selection** [Shi21b]. **self** [AC21, CCK21b, DH21, ES20, IMT20, MMP21, PPŻ21, Pan22, PPZ23, SZ22a, SZ20]. **self-adjoint** [DH21, PPŻ21, Pan22, PPZ23, SZ20]. **self-adjointness** [AC21]. **self-conjugate** [ES20]. **self-dual** [SZ22a]. **self-inverse** [CCK21b]. **self-loops** [IMT20]. **self-similarities** [MMP21]. **selfadjoint** [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]. **sending** [SS23b]. **sense** [ACM20]. **sensing** [Tsa23]. **sensitivity** [Mis20]. **sensors** [KHU23]. **separable** [GLS22, NGK23]. **Separating** [CL20, 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** [KGY23]. **Sesqui-regular** [KGY23]. **set** [BPZ21, CRR20, Cia20b, FPR20, LHK20, LOS23]. **Sets** [HHS20a, CP20, CLZ22, CAEH⁺22, ES20, 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, EJL20]. **shifts** [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, 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, dICS21, 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, VCR21, ZS22b]. **singularity** [AHV20, GMP22]. **Sinkhorn** [CN20b]. **SISO** [WES21]. **Six** [CdGS12, CdGS20]. **Six-dimensional** [CdGS12, CdGS20]. **size** [BMR23, CT23, CDG22a, FY23, FPR20, FW20, HLS22, JLW20, LTYZ23, MP23a, MLH22, Nar23, Rob20, SWW21, ZG22]. **skeleton** [KLR22, dHH23]. **skew** [BHBO21, BDHS23a, Com21, Du23, DGS21b, EGV20, GS21a, 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]. **slice** [AdF20, AY23]. **small** [Alt22, BMR23, HW21b, PSRS20]. **smallest** [Csi22, KGY23, 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].

solvability [MP20b]. **solvable** [CNO23, LNN⁺20, LS20b]. **solve** [VD22]. **Solving** [EN22, MPS24, ABCH23, BF21, HLW23, fLLV20, SDTR23]. **Some** [AGH20, ABR⁺22, Fra20, GK21, Gow20, HVX23, Iop20, KUZ22, Kus23, LHFL20, LH20, Naj20, Slo20, Slo21a, WG20b, AAMR20, APNP⁺21, BSS23, BD21a, BP23a, BdPS21, BO23, BDI20, Bri22, CNO23, CEJM21, Ces20, COB22a, GLLZ20, GAM20, GPR20, Ime23, JJJ20b, KZPH22, Li22, Los21b, OP21, PZ20, Shi20a, TLC20, TWW20, WSW20, ZJCA20, ZC23]. **space** [AHV20, BS21a, Ban22, BKPS23, BKS⁺21, CFSiT20, CGP21, DN23, FG23a, FP22, HMPT20, LR23, Mañ22, OM20, dSP20a, SS23a, SIW22, ZW21, hB21]. **spaces** [ANAS20, ABHR22, BFMS21, BDI20, BKR⁺20, CG23, CG20, CD20, CD23b, DP23, Djo21, FPR20, Fek20, Fra22, GKS21, IKLP20, IOT21, JN22, KNS20, MP20a, MORŠ21, MXZ20, O'L23, ORŠ23, PSRS20, Ran22, Rao21, VMB22, WXY24, Wój22a, ZT23]. **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, Mor22, TLC20, AHKT21]. **specified** [AK20]. **Spectra** [BBC⁺22a, CCPKP20, DF20a, DH21, JJJ20a, 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, Bou21, CJMP22, CER⁺23, DFS23, DKL⁺22, Des24, DTA23, FOR22, Gan23, GK22b, GM20, GLMM23, HWD23, KY21, LS20a, LBW23, O.21, WHM23, WZC23, YYS⁺21, ZY24, ZvD21, AOA23, ADGK21, ASS21, AFSS20, AdST22,

ACLS20, AC20a, AEGL21, APLN⁺23, BGGA22, BC22, BHHP21, BDGY21, BR22, 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, HLS21b, HLS22, JGW24, JZZ24, KT21, KLLW21, KP23a, KPP21, LC20, LMW21, LQ21, LW21b, LY23, LJSZ23, LZ20, LOS20, LG21a, LZZ23, LLX23, LZ21b, LLA23, MK23, MSZ21, MT21b, MLH22, MR21b, O.22, OPPS22, PK21, QJMW23, QQM24, Ram23, ST20, SWW21, Sim20].

spectral [Sim21, Sta20b, Ste21a, SD20, SD21c, SC23, WSW20, WG20b, WCF21, WS22, WZ23a, XW21, XHW23, 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, QWW21, SSP22, Sta23a, Sta23b, XY20c, YW22, ZK21, Zem22, ZLLZ22, Zhe20].

spheres [CVV21, LR23, Sof20]. **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, AEGL21, BCR⁺23, BBCK24, CW21, CLRT22, Cav21, KP21, LLSV21].

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[Ano23j] Anonymous. Editorial Board. *Linear Algebra and its Applications*, 660(??):ii, March

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[Ano23l] Anonymous. Editorial Board. *Linear Algebra and its Applications*, 661(??):ii, March 15, 2023. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379523000150>.

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[Ano23-28]

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Anonymous:2024:EBf

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Du:2023:ANA

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[GOUY23]

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M. Seetharama Gowda. Some majorization inequalities induced by Schur products in Euclidean Jordan algebras. *Linear Algebra and its Applications*, 600(??):1–21, September 1, 2020. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520301841>.

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[GOZ21]

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Pierre-Louis Giscard and Stefano Pozza. Tridiagonalization of systems of coupled linear differential equations with variable coefficients by a Lanczos-like method. *Linear Algebra and its Applications*, 624(?):153–173, September 1, 2021. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379521001683>.

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[GPR20]

Priyanka Grover, Veer Singh Panwar, and A. Satyanarayana Reddy. Positivity properties of some special matrices. *Linear Algebra and its Applications*, 596(?):203–215, July 1, 2020. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520301294>.

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[GPRT20]

Hilal A. Ganie, S. Pirzada, Bilal A. Rather, and Vilmar Trevisan. Further developments on Brouwer’s conjecture for the sum of Laplacian eigenvalues of graphs. *Linear Algebra and its Applications*, 588(?):1–18, March 1, 2020. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL

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[GQZ20]

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[GS21a]

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Gillis:2021:MNS

[GS21b]

Nicolas Gillis and Punit Sharma. Minimal-norm static feedbacks using dissipative Hamiltonian matrices. *Linear Algebra and its Applications*, 623(??):258–281, August 15, 2021. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520300677>.

Guterman:2021:LCW

[GS21c]

Alexander Guterman and Pavel Shteyner. Linear converters of weak, directional and strong majorizations. *Linear Algebra and its Applications*, 613(??):320–346, March 15, 2021. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520305371>.

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servers of permanent rank. *Linear Algebra and its Applications*, 680(??):325–340, January 1, 2024. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379523003968>.
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[GTW23]

Seamus D. Garvey, Françoise Tisseur, and Shujuan Wang. A parametrization of structure-preserving transformations for matrix polynomials. *Linear Algebra and its Applications*, 674(?):68–90, October 1, 2023. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379523002070>.

Guo:2022:DTF

[Guo22]

Xuejun Guo. Determinants of trigonometric functions and class numbers. *Linear Algebra and its Applications*, 653(?):33–43, November 15, 2022. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379522002786>.

Groenewald:2021:ACF

[GvRR21a]

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[GvRR+21b]

G. J. Groenewald, D. B. Janse van Rensburg, A. C. M. Ran, F. Theron, and M. van Straaten. m -th roots of H -selfadjoint matrices. *Linear Algebra and its Applications*, 610(?):804–826, February 1, 2021. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520304973>.

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[GvRR+23]

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Gau:2020:MPC

[GW20]

Hwa-Long Gau and Kuo-Zhong Wang. Matrix powers with circular numerical range. *Linear Algebra and its Applica-*

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Gong:2021:EGH

Guo:2020:GOB

[GZZ21]

[GZ20c]

Wan-Ming Guo and Bao-Xuan Zhu. A generalized ordered Bell polynomial. *Linear Algebra and its Applications*, 588(??):458–470, March 1, 2020. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379519305130>.

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Godsil:2022:FRN

[HAD19]

[GZ22]

Chris Godsil and Xiaohong Zhang. Fractional revival on non-cospectral vertices. *Linear Algebra and its Applications*, 654(??):69–88, December 1, 2022. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379522003081>.

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Hamedani:2019:EHH

Galvin:2023:TNN

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Haemers:2021:HRB

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 J. Hamhalter. Structure of preservers of range orthogonality on \star -rings and C^* -algebras. *Linear Algebra and its Applications*, 642(??):139–159, June 1, 2022. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379522000751>.
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PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520304122>.

Hu:2022:SRM

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Hou:2020:HPA

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He:2020:HRA

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Hu:2023:LMN

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He:2020:RCU

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Halbeisen:2020:SMR

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Hunnell:2020:ITF

[HHS20b] Mark Hunnell, John Hutchens, and Nathaniel Schwartz. On involutions of type $O(q, k)$ over a field of characteristic two. *Linear Algebra and its Applications*, 593(??):228–250, May 15, 2020. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520300653>.

Halbeisen:2021:MSP

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Hare:2024:UOS

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Hu:2023:DCM

[HK20]

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Hwang:2020:TPH

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Huang:2023:RDM

[hLqJ21]

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Higham:2021:IMF

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Hong:2021:FAS

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Jia:2022:NUO

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Sepitka:2021:CIL

Sepitka:2021:DNF

Shao:2021:DBE

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Seeger:2021:CCS

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