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Title word cross-reference

<p>$(-1, 1)$ [Obo24a]. $(0, 1)$ [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]. $(M_2(D), sl_2(D))$ [CK24b]. $(n + k) \times n$ [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]. 123 [BC24a]. $12 \leq \alpha \leq 1$</p>	<p>[LQ21]. 2 [Alf20b, BS21a, Ban22, BEF20, BDV21, GLT23, LNN⁺20, SV21, XZWT20, ZG22]. $2 + 2$ [LWB20]. $2^w \times 2^w$ [DD20]. $2\theta(G) + \rho(G) - 1$ [ZW22]. 2×2 [BDK21, WZL21, Xie21, ZZZ24]. 3 [BC24b, 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]. 6×6 [HA24]. $[a, b]$ [WZC23]. $*$ [CAEH⁺22]. α [CLM22]. A [BKPS23, CLM22, Djo23, KZ24b]. $A(R, S)$ [FdCP20]. $a_2 - c_3$ [IKPR20]. A_α [CT23, CLM20, FW22, HLS22, LQ21, LTYZ23, LY23, LMG20, LDSS20, WWT20, WFGT20, XWT20, YBW24, ZZ21, ZHW21]. A_n [HXZ24]. α [CDG21, DLVV21, LL21c,</p>
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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 [EJL20]. C^* [BH24, CN20a, CDR23, EE23, FPS22, Ham22, MS24b, 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} [LS24b]. ℓ^∞ [FISW21]. ℓ^p [HJ24, KS24a].
 $\eta(G, \sigma) = |V(G)| - 2m(G) + 2c(G) - 1$ [LW21d]. F_2 [Zal24]. $F_{q^6} \times F_{q^6}$ [BCM21]. G [CDD21, CL22, CIMV24, GG21, AAMR20, DY24, ZWT21]. $G^*JG = J$ [EJ23]. $\text{Gr}_3(C^6)$ [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 [FSRVSS22, GW24b, LL21d, AdLN23, BCE21, BSZ24, BF24c, Fio20, HJBKR24, HL20, HLS21b, KLSP24, Le22, MP20a, OdFVM21, SSP22, SWW22, SSvW20, VTBC20, WSW20, Yaz21, ZF24, 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]. $[g]/2$ [DY24]. $[g]/2 - 1$ [DY24]. ≤ 4 [Com21]. LU [LY20]. M [CEJM24, CS21, DMS20, KLS21, Men22, Beh21, BCG24, EJL20, GvRR+21b, JJS20a, SZH22, ZYZ24]. m, N_A [Aou24]. M_n [BSC23]. $M_n(E)$ [Fid22]. $M_n(F_2)$ [Šte22b]. $M_n(K)$ [MvWZ24]. CP^n [SS22]. $DL(P)$ [DN23]. F_q^n [AS20a]. Q [GvRR+23]. T [Kha24]. Z [dAGK21]. Z_n [CPS20]. \mathcal{AN} [GOUY23]. $\mathcal{B}(H)$ [AGK+21]. \mathcal{C} [Jia24]. $\mathcal{CX} \otimes \mathcal{BH}$ [EE23]. \mathcal{D}_α [DPR20]. $\mathcal{L}(C^n)$ [MRZ20]. $\mathcal{L}(H)$ [Wój22b]. $\mathcal{L}(l_2^2)$ [Wój22b]. $f\uparrow(2, C)$ [JL22]. $f\uparrow_4$ [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]. nd [ZWZ24]. $n \times n$ [DZCY22, SSvW20]. $O(n)$ [TP23]. $O(q, k)$ [HHS20b]. ω [MPS24]. $\Omega(2^n/n)$ [Sha22]. P [CK21, MC21b, ME21, MST24a, AAFM23, AdST22, BM22, CI21, KLLW21, LL21a, dSP20a, ZKLS20]. $p(\lambda)$ [GvRR+23]. $p(X) = A$ [GvRR+23]. ± 1 [HT23, RRL+24]. ψ_S [AP20]. $\text{PSL}(3, C)$ [BCNS22]. Q [HLN24, JLW22, LMX23, OPPS22, Sud22, Tan23, ZL22, AKVS23, BPS23, BCD+24, CKOS22, Hom20, Jia24, KAGH24, Lee20, LHZ21, Ner20, ZZ20]. $q + 1$ [Hom20]. $q + 2$ [Hom20]. Q_0 [CESS21, SNK22]. r [LC20]. R^d [DO22]. R_0 [ME21]. ρ [KZ24a]. S [DP23, AK20, BNS22]. S_n [HMS21, Paw24]. $s \geq 3$ [BNS22]. sl_n [Bar22]. SR [FRS21]. $*$ [Ham22]. $SU(2)$ [Sol20]. T [MQW20, BNS22, FdCP20, WXY24]. $t \geq 2s - 2$ [BNS22]. \tilde{D}_n [MP23b]. \times [CL20]. $U_q(\widehat{f\uparrow}^2)$ [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, Sta24].

{-1 [AdLN23]. **-actions** [Gor24]. **-algebra** [CDR23]. **-algebras** [CMM20, CN20a, CAEH+22, EE23, FPS22, Ham22, MS24b]. **-analog** [Jia24]. **-analogs** [BCD+24]. **-analogue** [MMV22, Ner20]. **-analysis** [AKVS23]. **-avoiding** [BC24a]. **-banded** [BF24c]. **-Bernstein** [MMV21]. **-Bures** [DLVV21]. **-Buzano** [KZ24b]. **-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, KAGH24]. **-domination** [AAF23]. **-double** [AdST22, ZZ20]. **-eigenvalue** [CLM20, WFGT20]. **-eigenvalues** [Zha21]. **-extreme** [BH24]. **-factor** [ZLLZ22]. **-factor-critical** [ZF24]. **-factors** [ZL23c]. **-forest** [BEF20]. **-frames** [LL21d]. **-free** [BES21, LMX23, MLH22, WHL24, Wan24, ZY24]. [?]free/Min:2022:SUB. **-functions** [Beh21]. **-gain** [Kha24]. **-graded** [CIMV24, GFD21, dAGK21, RT21]. **-gradings** [FGG24]. **-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, Aou24]. **-join** [CGP22, SMA21]. **-labelling** [SWW22]. **-line** [OdFVM21]. **-linear** [FSRVSST22]. **-Majorization** [vED22]. **-matching** [ZF24]. **-matrices** [CEJM24, DGS20, DGS23, EJS24, GS23b, MSX22, RRL⁺24, WW22, CS21, CT20, CK21, KLS21, Men22, Tan23]. **-matrix** [BM22, DMS20, LDSS20, MST24a, 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, KZ24b]. **-operator** [KZ24a]. **-orbit** [HMS21, Paw24]. **-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]. **-series** [Jia24]. **-skeleton** [KLR22]. **-smooth** [MP20a]. **-spanning** [HJBKR24]. **-specified** [AK20]. **-spectra** [JMP21b, DP23, Zha21]. **-spectral** [GS21a, KLLW21, WSW20, ZKLS20, BKPS23, DPR20, FW22, GW24b, HLS22, LQ21, OPPS22, ZZ21, ZHW21]. **-spectrally** [BSZ24]. **-spread** [LMG20]. **-stability** [KP21]. **-stable** [Kus23]. **-step** [BDV21]. **-sun** [AdST22]. **-symmetries** [AP20]. **-tensors** [BC24b]. **-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, Ano24-47, Ano24-64, Ano24-56, Ano24-62, Ano24-63, Ano24-53, Ano24-60, Ano24-49, Ano24-57, Ano24-50, Ano24-65, Ano24-67]. **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, Ano24-52, Ano24-58, Ano24-51, Ano24-54, Ano24-55, Ano24-61, Ano24-48, Ano24-66].

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, GQdSPŠ24]. **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**

[Ano24-47, Ano24-64, Ano24-52, Ano24-56, Ano24-62, Ano24-58, Ano24-63, Ano24-51, Ano24-53, Ano24-54, Ano24-60, Ano24-49, Ano24-55, Ano24-57, Ano24-61, Ano24-50, Ano24-48, Ano24-65, Ano24-66, Ano24-67]. **22nd** [AHKT21]. **24th** [GQdSPŠ24].

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]. **695** [AAPC⁺24b].

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]. **Acceleration** [TNL24]. **Acceptability** [Pan23]. **Accuracy** [GNR20]. **Accurate** [MPR22, MPR24, MMV22, OP21, Yan21]. **achieve** [Sha22]. **acting** [BMR23, KS24a]. **action** [Sta24]. **actions** [CXZ22, Gor24]. **acyclic** [DdF23]. **Adaptive** [AAPC⁺24a, AAPC⁺24b]. **Addendum** [AAH⁺22]. **addition** [Arl20]. **additive** [GS20b, LP21, XX20]. **additivity** [Rup24]. **ADI** [Rob20]. **Adjacency** [CDVPT22, CL24, CLL24, Co020, HS23a, LL24a, AdL21, BGGA22, BS23a, CGP22, Du23, LW21b, LY24, 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, DN24, Hom20, LIW20, TCB24, Yan22]. **affine-plane** [Hom20]. **after** [Bar20, JST21]. **Albrecht** [BERS24, Roc24]. **Algebra** [AAH⁺22, AAPC⁺24b, AD20a, Ali20, AG20, BP23b, BDHS23b, BKSP23, CdGS20, FJS21, FHMP22, Hou20, JLM20a, KAPS20, Mar24b, MH21, PW20, Sło21a, SD21a, AOCM20, BK22, BE20, CW23a, CW23b, CCS22, CFR23, CDR23, CdSV22, DRG24, FM20a, FGGG24, FP22, FT23, GFD21, dAGK21, Jia24, Jon21, KS24b, KZPH22, LIW20, LP22, MPS22, Mor22, Mur22, PGST23, Sch24, SIW22, Vit21, WFSS20, Yas23, AHKT21, Mar24b]. **Algebraic** [AM21, HS23b, Tar20, AM23b, BEHK22, BF24b, Bri22, CF24, Das22, KS22a, KW20, MS24b, BCP22]. **algebraically** [BHBO21]. **algebras** [ABCO22, AM21, AEGV21, Alt22, AOCM20, ABC⁺22, BS20b, BB22, BFLT23, BF24a, BDV24, BO24, BRL23, BCS24, Bez22, BDHS22, BDHS23b, BR24, Bla20, BDvW24, BS23a, BE20, BDV21, CGG⁺21, CMM20, CWW24, CN20a, CLW22, CdGS12, CdGS20, CZ20a, CMR20, CDG22b, Cos20b, CIMV24, Cra21, CMR21, CAEH⁺22, DdR20, DP21, DGdSS23, DHR20, DM24, EE23, Eld22, EGL21, EFY24, FK23, FPS22, FGDY20, FKM22, FN23, GLNW24, GK22a, GT23, GKS21, GS20a, Gow20, GMP22, Ham22, HB24, HKS23, JJL20b, KK23a, KK23b, KY21, Kol21, KLL22, Kye23, LM22a, LNN⁺20, LS20b, MT21a, Mar21, Mig21, MRT20, MDH23, MS24b, Rai23, Sas21, Sos23, SZ22b, TCB24, Uru22, Vol23, WZL21, WZ23b, XY20a, XZ21, Yan22, ZG21, dMdSS23]. **algorithm** [Bär21a, BC22, BT20a, BHD⁺21, CT24, CLLK21, CZ20b, FM22a, KPP21, NPkT21, YOY21]. **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, DFL24, AK23, BF24a, CDdM22, CD23a, CD24, 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]. **analog** [Jia24]. **analogs** [BCD⁺24]. **analogue** [MMV22, Ner20]. **analysis** [AFSS20, AK20, AKVS23, AV23, AC24, BEFSC22, BDF23, CW21, FKM20, GO24, GM20, GFW24, HH23a, LS24c, LHZ21, MMV21, Mis20, RRvW24, SDTR23, Szc21, WvdVdH24]. **Analytic** [BM24, 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]. **ANOVA** [PS24b]. **answer** [Roc24]. **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]. **Anzahl** [DV24]. **Apéry** [MRT20]. **Appl** [AAH⁺22, AAPC⁺24b, AD20a, Ali20, AG20, BP23b, BDHS23b, BKSP23, CdGS20, FJS21, FHMP22, Hou20, JLM20a, KAPS20, MH21, PW20, Slo21a, SD21a]. **application** [AFK⁺23, ACM22, AP23, Bou24, CKOS23, DMQD20, Fio20, MKOC24, Miy24, PŠ23a, PS22, Pra20, RSS21, SMP24, ZS22a]. **Applications** [CC22b, Kak20, KK20a, SZ22a, AZ24, AWvW24, AAMR20, Aou24, AMS24, CST21, CCL21, Djo21, DL22, EGJP21, FISW21, GSS24a, GCOP24, Hla24, HCZ20, HLYZ23, HVX23, KZ24b, KS23c, KP21, LHFL20, MMV21, MP22, MHM24, MG21, NN24b, SWW22, SS24b, Wój22a, WM24]. **Applying** [LNN⁺20]. **Apportionable** [CCGH24]. **approach** [AKVS23, AC22, Djo21, DFH⁺20, FGM21, GdM23, HT22, IB22, LY24, 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, AAPC⁺24a, AAPC⁺24b, Bot21, CEF⁺22, CER⁺23, CKM20, FGM21, KKM22a, KPP21, KST22, MSZ23, PS24b, 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, Ano24-47, Ano24-59]. **arbitrary** [ABH⁺23, ADHM23, BDRS20, CGP22, DD20, FISW21, MMR20, 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, Slo20, Slo21a, Slo21b, SS23c, YY21]. **arrowhead** [CRSY22]. **Artin** [FKK21a]. **Artinian** [Alt22]. **ascent** [HP23b]. **Askey** [SS20]. **aspects** [Got20, VV22]. **assignment** [ZK21]. **assignments** [NMS20]. **associated** [AG15, AG20, BR22, BLS20, CEJM24, CCKM22, CA22, Chr24b, DZCY22, DM24, GLZ20, HCZ20, HP22, KL21a, KS22c, LW21a, MRT20, PPŽ21, RW21a, Sta23b]. **association** [BMS21, LTTW22, XTLK23]. **associative** [Bri22]. **Asymptotic**

[LLW21, MPS22, PS24a, BCR⁺23, BG24, Du23, LLW20, RRvW24]. **asymptotically** [RT23, Roc20]. **asymptotics** [LS24a]. **asynchronous** [SDTR23]. **atomic** [CJ24]. **attaining** [BDSS21]. **attainment** [PSZ21]. **Audenaert** [DF20b]. **August** [Ano20-50, Ano20-52, Ano21-61, Ano22-57, Ano22-49, Ano23-53, Ano23-50, Ano24-64, Ano24-52]. **automata** [Phu24]. **Automatic** [PSW23, SSC24]. **automorphic** [BKT23]. **automorphism** [Oli21, SZ22b]. **Automorphisms** [AM23a, Bez22, CGMP23, PPŽ23, DGET21, FN23, MDH23]. **autoregression** [FKMM21]. **autoregressive** [GZ20a]. **averaging** [MA24]. **Avoiding** [BMPS23, BC24a, OPA23].

B [BGOO21]. **B-splines** [BGOO21]. **back** [MZZ24]. **background** [BCP22]. **backtracking** [GK21, KKS21, MZZ24, NQ24]. **Backward** [Pra20, Hal20, Pik23, TV21, WW20]. **balanced** [BW21, DFS23, DK21, GT23]. **ball** [AC24, MAG21, Wó22b]. **balls** [FKKM22]. **Banach** [AEGV21, AHV20, BS21a, Ban22, BDI20, Djo21, FPR20, GGGD23, IKLP20, MP20a, Sas21, Sch24]. **Band** [GGGD23, CCCS21, EGV20]. **Band-diagonal** [GGGD23]. **banded** [BF24c, OW23]. **Bartholdi** [Zhu21]. **barycentric** [MBV24]. **based** [Bla20, BDF23, CL21, FQ20, GSS24a, GFW24, GMR22, JK24, KCML20, LLW20, LLW21, LW21b, LY24, MQW20, NPkT21, NPHT20, QJMW23, SGGZ21, WXL24, XJLL23]. **bases** [AMO24, ADMZ21, BC24b, HJBKR24, NWW20, NV23a]. **basic** [VS21]. **basis** [GZ23, LT24, MMV22, PS24b, TL21, Yos21]. **Baxter** [MDH23]. **Bayes'** [PR22a]. **Bayesian** [DTA23]. **behavior** [GP20]. **Bell** [GZ20c, Li20a]. **below** [GK20]. **Berezin** [CF22]. **Berge** [KLLW21, ZKLS20].

Bergman [GHLP24]. **Bernoulli** [Kim20]. **Bernstein** [MMV21, MMV22]. **Berry** [DP24]. **Bessel** [MPR22]. **Best** [Bot21, Rao21, Wó22b]. **Bethe** [FB21, YW22]. **Better** [OM20]. **Between** [PPW20, Ago24, BCE21, CMS21, CLL24, 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]. **biderivation** [BO24]. **biderivation-type** [BO24]. **bidagonal** [BFMM23, MPR24, MMV21, TŽ23]. **bifurcation** [FHLS22]. **bifurcations** [Fik20]. **Bilinear** [SDS21, Bui21, Chr24b, FR24, KLLS22, Ros22, RSS21]. **binary** [BT20a, HP23a, May21, Sha22, SZH22, WJLW24]. **Binomial** [BCR20, Bay24]. **bipartite** [AD20a, AD20b, ADH⁺24, BJP21, BMP24, BS23b, CWYZ23, CP21, Du23, GLZ21, JMP21a, Kub22, LG21a, LMX23, OJQ20, Sim21, SZ21]. **biregular** [FM20a, HP22]. **Biregularity** [RS21b]. **Birkhoff** [AGK⁺21, Shi22]. **Bispectrality** [MZ24]. **Bivariate** [CCCS21, BCP24]. **Blanchfield** [BCP22]. **Blind** [GZ20a, KKM22b]. **Block** [CLRT22, HMPT20, AT24, BS20d, BJ23, CW21, CZ20b, CDG21, CDG22a, Dew21, DdR20, FGDY20, FLT20, FG20, GO24, HP23a, JGW24, KH24, LOŠ21a, LG21b, PŠ23a, RA24, RS21a, RKBA21, SZSMB20, VD22, XLS20, YOV21, ZL23a, ZL23b, dAdCG⁺21, KK23a]. **block-diagonal** [BS20d]. **block-Jacobi** [YOV21]. **Block-sparse** [HMPT20]. **block-triangular** [FGDY20]. **Blocked** [BHW24]. **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, Ano24-27, Ano24-28, Ano24-29, Ano24-30, Ano24-31, Ano24-32, Ano24-33, Ano24-34, Ano24-35, Ano24-36, Ano24-37, Ano24-38, Ano24-39, Ano24-40, Ano24-41, Ano24-42, Ano24-43, Ano24-44, Ano24-45, Ano24-46, 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** [BERS24, CKOS23, MKOC24, Roc24]. **bound** [AAF23, AL23a, BT20b, FLRS20, Fio20, Hae21, LZZ23, LHZ21, MLH22, MT23, WG20a]. **boundary** [CEM21, KŠ22b]. **Bounded** [BDRS20, DS24, AGV20, BS20d, DDD24, GK20, Lyu20, MS21, Nag23, RT23, WHM23]. **Boundedness** [SS23a, RAK21]. **Bounding** [CKOS22, ES23, GLS22, KL21b, ZS22a]. **Bounds** [CG24, DW21, GLHNW20, KKP21, LW21c, PP20, SK21b, WWT20, AOA23, ASS21, AGH20, AGNPSE23, BHHP21, BR22, BKPS23, Bhu24, CKTP20, CAJ21, CI21, DYB20, DK21, FQ20, FS23, Gan23, GMR21, GW24b, IGW17, JZZ24, KL23, KCPMNS21, Kni24, Kus23, MT21b, MP21, Obo24b, OM20, Ran23, Rum22, SZ23a, Skr20, Skr21, Skr24, Sta20a, VCR21, WG20b, ZZ21, dHH23, CN24, GZ20b]. **Braess'** [Cia20a]. **braided** [Sol20]. **Branges** [GHLP24]. **Brazil** [AHKT21]. **breaking** [AKL⁺21, BH24]. **Bregman** [TNL24]. **bridge** [BCE21]. **bridges** [CGJvB22]. **Brouwer** [Coo21, GPRT20, Roc20, TT24]. **Brualdi** [YLCB21]. **Brualdi-type** [YLCB21]. **Bruhat** [FdCS20]. **Brunn** [LF20, ZJCA20]. **bundles** [DD23b]. **Bures**

[DLVV21, Min22]. **Buzano** [KZ24b].

caching [FT23]. **Cadzow** [KPP21]. **cages** [HP22]. **Calabi** [GLNW24]. **calculation** [Kar24]. **calculus** [LMR21, NS21]. **Calderón** [GR22]. **can** [HMS21, RW24]. **canonical** [AMO24, GvRRR21a, Li24, Sta21, SZ20]. **card** [SB24]. **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, MST24b, Mur22, PV21b, SSvW20, WFY24]. **cellular** [Phu24]. **Cellularity** [XY20a]. **center** [CDM20, Cia20b, PV21a]. **Centers** [HLYZ23]. **Central** [CNO23, GFD21]. **centrality** [BD21a]. **centralizer** [BDK⁺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, Nis24]. **Chains** [CGG⁺21, AHV20, ĆCPKP20, 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, ABH⁺24, ABSV21, CB21, Cia20b, DGL24, DvDW23, GM22, HY24, HHS20b, JR24, Kor21, KLLS22, LS20b, Pan23, YLZH21, Zhe21]. **characteristic-like** [GM22]. **characteristics** [AKPS19, BN23, GtHJR24, KAPS20].

Characterization [AG21, BSZ24, MP20a, NYW22, TWW20, AMR20, AdST22, AK23, BP21b, BP23b, DMS20, DN24, DY23b, DdF23, FG24, MA22, MM21, MM24, 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**

[KMNP24, AJM21, AJM24]. **Chromatic**

[CK23a, Ere21, Gan23, PK21, WYF⁺20, WYQ21]. **Chung** [YZY24]. **circle**

[Adr22, BBCD21, FKRvS24, FG20, FG23b, GtHJR24, SPMSC24]. **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, BC24b, GLZ20, GK22b, KZPH22, ME21, MST24b, OV24, OP21, PPŽ21, Pan22, PPŽ23, WZ23b, ZM21].

classical

[CGP21, JK24, 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, BG24, SPMSC24]. **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, Bou24, Du23, GP21,
 Kar24, MMA22, PP20, RS21a, VS23].
cograph [LL21e]. **cographs**
 [BR23a, LWB24]. **Cohen** [FG22].
coherence [MB20]. **coherent** [Sud22].
cohomology [EFY24, FKK21a]. **coin**
 [SMA20]. **coincide** [tHvdM21]. **cokernel**
 [CLS23]. **colength** [CIMV24]. **Colin**
 [MS20b]. **Collatz** [KL21a, Pap24].
collection [MAG21]. **collocation** [MMV22].
Coloring [AMZ21, KKO22]. **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]. **Comparison**
 [GW24b, FP24]. **Compatible**
 [BKS15, BKSP23, Gor24, GFW24].
compensation [MM21, MM24].
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, DHS⁺24, FHMP21, FHMP22,
 BGOO21, CCPKP20, Coo20, FIJM24,
 IMT20, SC20a, Shi21b, SSS21, SD21a,
 SD21d, TLC20, Zhe20, Zhe21, tHvdM21].
Completely [BLS20, JS22, AKN23,
 BHMU20, BKT23, FOR22, GD20, LHFL20,
 Nis24, SM23, ZFZ20]. **completion** [BT20a,
 BBS20, CJ24, DAG21, Kim22, SL20a, TL21].
completions [CP21, EGC21]. **Complex**
 [BFLT23, CFK⁺20, HT24a, LWH21,
 XZWT20, ACLS20, CDM21, CG24, ES20,
 EJL20, FIJM24, Fik20, FP21, Har22,
 HHD20, HW21a, Kni20, KH24, KP23b,
 LZZ23, LW21c, MRZ22, MvWC23, dSP20a,
 SK21b, SPMSC24, WCKQ20].
complex-valued [MvWC23]. **complexes**
 [HKK24, 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, SSC24, 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, LS24a, 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, HA24, LV22b, MC21b]. **cones** [GKS21, HS23b, MS24b, Nis24, ST20]. **Conference** [GQdSPŠ24, FIJM24, AHKT21]. **configuration** [cRLY20]. **configurations** [CDG22b, Sud22]. **conformal** [BF24a]. **Congruence** [BFMS21, HWK21, Cha24]. **congruences** [DY23a]. **conic** [LPV21]. **conjecture** [ABH⁺24, BD21a, BCM21, Buc20, CLL20, CJ20, CLwW22, Coo21, EN24, FdCS20, GPRT20, GdM23, Gau24, HLH23, HD22, KL21a, Loe23, LZ21b, OV24, PPW20, Pap24, Roc20, SD20, SL20b, SD21a, SD21d, Tur21, WZ23a, XZ23, YW22, ZL23b, ZHSX20, TT24]. **Conjectured** [DID22, ELW24, GAMA20]. **Conjectures** [BC22, KK22a, BEHK22, GLLZ20, KK20b, SD21c]. **conjugacy** [PPŽ21, Pan22, PPŽ23]. **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** [AMM24, JKS23, LL20, LLSV21, Rub22]. **constants** [CN24, Mlo22, RT23]. **constrained** [fLLV20, LR24]. **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** [BC24b, CXZ22, AM21, BRL23, ZT23]. **contain** [Vit21]. **containing** [AS20a]. **contexts** [BT24]. **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]. **controls** [PY24]. **Convergence** [CW21, KH24, ABCH23, BWW21, BDFF23, Har22, NQ24, SDTR23, YOY21]. **converters** [GS21c]. **Converting** [DGS21b]. **Convex** [GKS21, MS21, JYL20a, Sán21, ST22, ST20]. **Convexity** [CF22, EMSV22, San23]. **Convolutional** [HNS21, NPR22]. **coordinates** [CR23, FM22a, Sar21]. **Coordination** [FT23]. **COP** [MSTH24]. **COP-irreducible** [MSTH24]. **copositive** [HA24, LV22b, LHFL20, MSTH24, Nis24]. **copositivity** [Ans21]. **coprime** [Var21]. **corank** [EG20, Kop20, SZ21]. **core** [BCG24, BBBT24, WJLW24, Mif21]. **core-nilpotent** [WJLW24]. **Corner** [BT24].

corners [MRZ20]. **corona** [LLH20].
corona-type [LLH20]. **coronae** [SC20b].
Correlation [BAPF23, GQZ20, Li20a].
correspondence [WvdVvdH24].
corresponding
 [BLS20, FKkM22, PPZ23, RS21a, TV21].
Corrigendum [AAPC⁺24b, AD20a, Ali20,
 AG20, BP23b, BDHS23b, BKSP23, CdGS20,
 FJS21, FHMP22, Hou20, JLM20a, MH21,
 PW20, Slo21a, SD21a]. **cosine**
 [HJBKR24, SS24b]. **Cospectral** [ADHS23,
 GZ22, KSSW20, LWYL20, QJW20].
Cospectrality [MPRS21, Her20]. **costly**
 [OPA23]. **countable** [LL20, dSP23a].
counter [Slo20, Slo21a]. **Counterexamples**
 [CLwW22, C DPR23, FJS17, FJS21].
Counting [Rei23]. **coupled**
 [GP21, ZBdAF20]. **couplings** [OSC20].
Covariance [RRvW24, GZ20a]. **covariant**
 [LCH23]. **cover** [BK22]. **covered** [WZC23].
covering [AADT23]. **covers** [FIJM24].
Cowen [JKX20]. **Coxeter**
 [Sim20, Sim21, SZ1, SZ22a, dIPG21]. **CP**
 [ZBdAF20]. **Cramer** [NWW20]. **criteria**
 [SIW22]. **criterion** [MMW22]. **Critical**
 [DLL23, BM22, ZF24]. **Cross**
 [DGET21, AAPC⁺24a, AAPC⁺24b, CKM20].
Crouzeix [Li20b, OV24, 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]. **cutoff** [RW24].
Cvetković [KKOO22]. **Cvetković-type**
 [KKOO22]. **cycle**
 [BAPF23, TCC21, ZWF20]. **cycles**
 [AAH⁺22, AGNN20, ACDG21, CWZ22,
 CP21, Des24, FP24, GMSG22, GMSG24,
 JMP21a, KSY21, LW21a, LY23, LG21a,
 LWYL20, MLZ24, dSP23a, RDFM23,
 SMA20, SD21c, Tho22, ZLLZ22]. **Cyclic**
 [BDvW24, Bol22, CL21, CKLN23, DdR20,
 Gau24, Mig21, ZT23]. **cyclicality**
 [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, Ano24-56].
decoding [NPkT21]. **decoherence**
 [FOR22]. **Decomposable** [PM23].
Decomposition [Kor21, ÁVKP20a, AOZ23,
 BES21, Bhu24, DD20, DGL23b, FRS21,
 Gal21, GSS24a, JMP21a, Kim20, LY20,
 MMV21, MQW20, Pre20, SZH22, Ste21b,
 VCR21, WJLW24, Wój20, WX20].
decomposition-based [GSS24a].
Decompositions [BDHS22, BDHS23b,
 BR23b, CCP22, DGL23a, DID22, DKN24,
 DBV23, DHS⁺24, Ham23, HS23a, LDW21,
 MO20, OPA23, SDS21, ZBdAF20].
deconvolution [GZ20a]. **decrease** [KS23a].
defect [Bou24]. **defective** [FFSW23].
deficient [DB23]. **defined** [KSY21].
definite [Bar21b, BL24, CRR20, CIM22,
 GT21, Har22, IB22, JLS23, LWW22, Lim21,
 Min22, MS24b, 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, GM24, GMR22, HHS21, Hom20,
 HLYZ21, LLW20, LLW21, LW21b, LY24,
 LLA23, LW21c, NdLO21, WG20a, WYF⁺20,
 ZWW23, ZWL20a, dLMO20].
Degree-based [SGGZ21, LW21b, LY24].
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]. **Demystifying** [MNP24]. **dendrimers** [DFS23]. **dendrite** [XY20c]. **dense** [AM23a]. **Density** [BHKW22, BMR23]. **dependence** [CZ20a, Lim22b]. **dependent** [BGSC24]. **depth** [SS21c]. **derivations** [Bez22, BDV21, HKS23, JLM20a, JLM20b, LS20b, Mar24b]. **derivative** [Sin21, ZX20]. **derivatives** [RMG24, Sch23, Ste22a]. **derived** [CIM22, LNN⁺20]. **descent** [DAG21, HP23b]. **Description** [FKM24, ORS24]. **descriptor** [DYT22]. **design** [AKPS19, GCOP24, KAPS20]. **designs** [BS24a, BMS21, BNS22, Gol20, HW21b, RC23]. **detection** [CT20]. **determinant** [ABW22, BT20b, Dom20, DGS⁺21a, LS20c, Lin24, RRL⁺24]. **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, BCC⁺24, CW23b, QWW21, Zha21]. **determining** [KK22a]. **deterministic** [CMS21, Ghi20, OW23]. **Development** [BP21b, BP23b]. **developments** [GPRT20]. **Diagonal** [BL24, JMPS24, APNP⁺21, BS20d, Bot21, BW22, CD24, 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]. **diameters** [DFL24]. **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, LS24c, Moh20, Mor20, NQ24, O.22, PPK24, TFT20, YBW24]. **dilations** [FFSW23]. **Dilworth** [LWB24]. **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]. **dimensions** [MvWZ24]. **Diminimal** [ABH⁺23]. **Diophantine** [QSS22]. **direct** [AS20a, GNP22, HS23a, KS20a, MvWC23]. **directed** [BES21, Bol21, FP24, 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, Mar24a, 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, ABH⁺24, 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, Ngo24, 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, DYLY24, FM22b, GH⁺24, Kub22, MP21, Rei23, Row20, SSS21, Zha21].

distinction [BD21a].

Distinguishability [DYT22, KMNP24].

distinguishing [KMNP20].

distributed [BHD⁺21].

Distribution [Lub22, ŠH21b, XZ24, AAFT21, AADT23, BG24, Bou21, CM23b, SPMSC24, WYF⁺20, XZ23].

distributions [CT24, RW22].

divergence [DLVV21, PV21a].

divergences [LL21a, MBV24, Sra21].

divide [BT20a, XBSF23].

divide-and-conquer [BT20a, XBSF23].

divided [BG0021].

Divisibility [GR21, CWBB23].

division [BDHS22, BDHS23b, Bol22].

divisor [CPS20, CN23b].

do [CGJvB22].

does [LWB20, Sta20b].

domain [Gal21].

domains [Nag23].

dominance [KP21, MG21].

Dominant [PPK24, CKM20, JMPS24].

dominating [LTYZ23].

Domination [XLYS20, AAFM23, HLH23, LLX23, WYF⁺20].

Double [ABHR22, AdST22, BGT24, DvDW23, RS21a, Sta23a, SS23c, ZZ20].

double-structured [RS21a].

Doubly [Djo23, APNP⁺21, BC24a, CC22a, GK20, JLL20b, 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].

Dyck [ZZZ24].

Dynamic [AHNW22, YOV21].

Dynamical [AMM24, AP23, CFKO21, GP20, KHU23, Rei23].

dynamics [CKOS23, GGGD23, Phu24, RMP21].

Dynkin [HXZ24, MP23b, Sim21, WWG22, Wan23].

Each [GZZ21].

economics [EGJP21].

Edge [HS22, LZ21a, AADT23, CW22, GMSG22, GMSG24, HWD23, LY24, RFP22, Sim21, SZ21, SD21a, SD21d, TLC20, Zak21].

edge-bipartite [Sim21, SZ21].

Edge-connectivity [HS22].

edge-free [Zak21].

Edge-matching [LZ21a].

edge-weights [LY24].

edges [CB21, LC20, LQ21, XW21, ZXL20].

Editor [Bru21, Bru22, Bru24].

Editor-in-Chief [Bru21, Bru22, Bru24].

Editorial [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].

Editorial [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]. **Editorial** [Ano23g, Ano23h, Ano23i, Ano23j, Ano23k, Ano23l, Ano23m, Ano23n, Ano23o, Ano23p, Ano23q, Ano23r, Ano23s, Ano23t, Ano23u, Ano23v, Ano23w, Ano23x, Ano23y, Ano23z, Ano24a, Ano24b, Ano24-27, Ano24-28, Ano24-29, Ano24-30, Ano24-31, Ano24-32, Ano24-33, Ano24-34, Ano24-35, Ano24-36, Ano24-37, Ano24-38, Ano24-39, Ano24-40, Ano24-41, Ano24-42, Ano24-43, Ano24-44, Ano24-45, Ano24-46, Ano24c, Ano24d, Ano24e, Ano24f, Ano24g, Ano24h, Ano24i, Ano24j, Ano24k, Ano24l, Ano24m, Ano24n, Ano24o, Ano24p, Ano24q, Ano24r, Ano24s, Ano24t, Ano24u, Ano24v, Ano24w, Ano24x, Ano24y, Ano24z]. **Editors** [Ano21-49]. **Editors-in-Chief** [Ano21-49]. **effect** [ADGK21, EE23, LC20, TJ21, XW21]. **Effective** [Dev22, BBW20]. **Efficiency** [FJ24]. **Efficient** [CEF⁺22, fLLV20, CLLK21]. **efficiently** [KHU23]. **eigendecomposition** [BN23]. **eigenfunctions** [GKK⁺20, KKS21]. **Eigenpairs** [Los21b, AK20]. **eigenspaces** [DF20a, WZFW23]. **eigenspectra** [MvWC23]. **eigenstructure** [Kli20b]. **Eigenvalue** [BGSC24, CH21, Fik20, FP21, GA22, Kni24, WZX24, AAFM23, AAFT22,

AvDF20, AADT23, ABG20, ÁVKP20a, AAMR20, APLN⁺23, AGV20, BP21a, BMP24, Beh21, BLMT21, BCC⁺24, BW22, CLM20, DMQD20, EN22, FHLS22, Har22, IKPR20, JL20, JMP21b, JCD24, KSB24, KL21b, Kia24, KGY23, KAGH24, KP22, LWB20, LWB24, LOŠ21a, LOŠ23, LDSS20, LWH21, LLL22, MvWC23, NYW22, Obo22, Obo24a, PPK24, PS22, Ran23, SS21c, Sta20a, TWW20, TW21, TJ21, VD22, WWJ20, WFGT20, WYF⁺20, WZW⁺21, WCS20, WQP23, XWT20, XLYS20, XLS20, YGW20, YK21, YW23, YLCB21, YWF21, ZK21, ZWZ24, ZW22]. **eigenvalue-free** [LWB24]. **Eigenvalues** [CEM21, EGJP21, GMSG22, GMSG24, Hu21, WYQ21, AFK⁺23, AJM21, AJM24, AFG⁺21, APNP⁺21, ABR21, Bar20, BFF⁺23b, BFF⁺23a, Bas21, BJ20b, BBC⁺22b, CPS20, CZ22c, CvDB23, CP23, Csi22, ĆD20, ĆD23b, DN21, DJ23, DH22, DH23, DYLY24, ET20, FM22b, FR21, Fra20, GPRT20, GHL⁺24, GS23a, HT23, HLX20, HXLL21, Jai21, KKS21, KKP21, KK20b, KK22a, KK24, Kub22, LW21a, hLqJ21, LL21e, Lub22, Mel23, Mis20, Moh22, MP21, Nic20, PSAPNV20, QLCM20, Row20, RS21b, RB22, Sic21, SSS21, SMM24, Ste22a, SD21b, SLL22, TFFT20, TW22, Tur21, VS20, VTBC20, WWT20, WLL23, Wei22, WZT20, WWY23, XZ23, XZ24, YOY21, Yan21, Yaz21, Zha21, ZZW22, Zha24a]. **Eigenvector** [Van24a, CTS23, VJ24, MPRS21, StW22]. **eigenvectors** [ACT24, AdL21, AdLN23, CCP22, CA22, Coh20, EGJP21, ET20, Hu21, StW22, YOY21]. **eight** [GS21a]. **Eisenstein** [KB22, Kad23]. **elementary** [BES24a, VZ20]. **Elements** [Coh20, APNP⁺21, BS21b, CD24, GLAdS23, Hom20, Pat20, dSP24b]. **elementwise** [TV21]. **elimination** [SG20]. **Elliptic** [CN23a, BMS21, CER⁺23]. **embedded** [ÁVKP20a]. **embedding**

[BS20a, CGP21, CN24, GA22, Mfo22]. **embeddings** [DG20, UZ21]. **enclosing** [MAG21]. **enclosure** [Miy24]. **encoders** [Ner20]. **end** [VZ20]. **endomorphism** [AM23a, MMR20]. **endomorphisms** [DGL23a, Mur22, dSP24d]. **endpoint** [ZS22b]. **energies** [LLW21, MH20, MH21, SGGZ21]. **Energy** [AA21, Obo24a, AGH20, AAAH22, AL23a, ABR21, AS24, BP20, CZG21, CDVPT22, EN24, GLHNW20, GMR22, JGZ21, Kni20, LLW20, LW20a, LGT24, Obo24b, PGRU20, SK21b, SD21a, SD21d, TFT20, TLC20, UZ21]. **enhanced** [BES24b]. **ensemble** [BBS23, Sch22]. **Entanglement** [AKL⁺21, BH24, CJMP22, LS21, QCCS21]. **entries** [AdL21, BR22, Bib22, JMPS24, LLW20, LLW21, Lub22, Lyu20, MR21a, StW22, ZC23]. **entropies** [MBV24, Shi21a]. **Entropy** [BCF⁺20, CHHS20, FKMM21, Kak20, MKE⁺20]. **entry** [Alf20a, TJ21]. **Entrywise** [Rum22]. **Enumerating** [AR21]. **enveloping** [CZ20a, Yas23]. **environments** [Mar24b]. **EP** [Dra23, ZBCI21]. **EP-like** [Dra23]. **Epstein** [CZ22a]. **equal** [GJV20, Kha24, KP23b, NdLO21, Rup24, WLL23, WLT22]. **equality** [BP21b, BP23b, SDS21]. **equation** [BS21b, CF24, Djo21, DL23, EJ23, GJ23, GvRR⁺23, Li24, Pra20, Ruž21, Sas21]. **equations** [ABCH23, BF21, BF24b, CLS23, GP21, GJ23, IB22, JK24, Lim22a, LH21, MPS24, MP20b, PS23b, QSS22, Rob20, RW22, Uch21]. **Equi** [FIJM24]. **Equi-isoclinic** [FIJM24]. **equiangular** [FS20, cRLY20, GIJM22]. **equienergetic** [PV21b]. **equilateral** [GL23]. **Equitable** [RFP22, AHZ22, DHS⁺24, LDW21]. **equitably** [Kad20]. **Equivalence** [AdF20, NPSE24, NPHT20, Oli21, FHMP21, FHMP22, GLT23, MPRS21, PR22b, Sch22, DD23b]. **equivalences** [MZ22]. **Equivalent** [BRL23, FPS22, Her20, Pan24]. **erasure** [LM22b]. **Erdos** [Adr22, Ngo24]. **ergodic** [CR21, FOR22]. **Erratum** [KAPS20]. **Error** [CKTP20, MMV21, FQ20, Hal20, LHZ21, Pra20, TV21, VCR21, WW20, dHH23]. **errors** [Ais24]. **essential** [AHV20, WMCQ23, ZS22b, ČD23b]. **Estimates** [CGP24, BG24, CWW24, CER⁺23]. **Estimating** [Hal20]. **estimation** [Ais24, HT22, MN24, SL20a, ZBdAF20]. **estimations** [KZ23]. **estimator** [GQZ20]. **estimators** [CKTP20, Skr21]. **Estrada** [ALMZ⁺20, BD21a, FYS⁺23]. **Euclidean** [Alf20a, BLS20, Est23, GS20a, Gow20, JLL20b, SL20a, Sos23]. **Euclidean/Log** [Min22]. **Euler** [JR24]. **evaluated** [BHBO21]. **EVD** [YOV21]. **Even** [DDD24, BBG21, Des24, Goe21, LY23, Uru22]. **eventown** [AC22]. **Eventual** [GH23, JWZ22]. **Every** [AdlC20, BS21a, Ban22, Est23, AT21, Sha22]. **evolution** [CGG⁺21, Pan21, SZ22b, WZ23b]. **Exact** [CZ20b, KST22, Li20a, Bou24]. **exactly** [DYLY24, KAGH24, LWH21]. **exactness** [LV22b]. **examples** [BS20g, CLS24, KUZ22, Slo20, Slo21a]. **exceed** [LWB20, Sta20b]. **Exceptional** [dSP22, dSP23b]. **Excessive** [RW24]. **exclusion** [BS23b]. **Existence** [LS24b, GLZ21, LBW23, Mar24a]. **exotic** [GTV24]. **Expander** [AZ24]. **Expansion** [Han21, Dom20, WXL24]. **expansions** [VCR21]. **expansive** [BS24c, MS21, Ran22]. **expectations** [EM23]. **Explicit** [ET20]. **exploitation** [LR24]. **exponent** [ZM21]. **Exponential** [KNiO23, Riz23]. **Exponential-type** [KNiO23]. **exponentiated** [CWW24]. **Expressing** [HLZ17, Hou20]. **expression** [IIM⁺21]. **Extended** [SLTW22, KNiO23, MP23b, RRF23, TCB24]. **extendibility** [CDPR23]. **Extending** [ABH⁺24]. **extension**

[Ali20, BM23, HAD19, KK20a, Pik23, SD21c, ZvD23, ZG21]. **Extensions** [BS22, HT24b, LF20, Li22, Mao20, AT24, BPS23, CNO23, GvRR⁺23, Lin24, MDH23, XY20a]. **exterior** [Kor21, LL24a]. **external** [LR24, WZX24]. **extraction** [BES24a]. **Extrapolation** [MG24]. **extrema** [CRR20, LY23, WHM23, ZY24]. **Extremal** [ALMZ⁺20, JT24, MR21b, SC23, WCF21, WHL24, ZKLS20, APLN⁺23, ABR21, BS20g, CKLL20, CP23, DKL⁺22, Gol20, JGW24, KLLW21, MKP21, KS20b, LW21b, LJSZ23, LZ21b, MLZ24, TCC21, XHW23]. **Extremality** [SIW22]. **Extreme** [Yu20, BH24, CCK21a, MSTH24, Shi22]. **extremely** [HH23a]. **extremum** [CWYZ23].

Faces [CC22a, May21, Nis24]. **factor** [KCPMNS21, ZLLZ22, ZF24]. **factorability** [DdR20]. **factorial** [RC23]. **Factoring** [Zha22]. **Factorisatio** [dC21]. **factorisations** [HLS21a]. **factorizable** [LR21]. **factorization** [ACLS20, BES24a, BFMM23, FR24, GW24a, GD20, JLX22, MPR24, NGK23]. **factorizations** [AKN23, BLS20, Chr24b, SDS21, Var21]. **factors** [BES24a, CMP21, LLA23, ZL23c]. **Faddeev** [Bär21a]. **Faddeev-LeVerrier** [Bär21a]. **Falconer** [Ngo24]. **False** [Bas21]. **False-twin-free** [Bas21]. **Families** [ES20, ABH⁺23, ABR⁺22, Bou21, CGP22, VS21]. **family** [BF24b, FN23, GZ23, Oli21, QQM24, Shi22]. **Fan** [KLSP24]. **Fast** [CHHS20, MC21a, MN24, Bol21, MB20]. **Faster** [OSC20]. **Faulkner** [AO22]. **feature** [Dax23]. **February** [Ano20-68, Ano20-67, Ano21-71, Ano21-69, Ano22-54, Ano22-51, Ano23-63, Ano23-71, Ano24-62, Ano24-58]. **Feedback** [Sch22, WES21, ZK21]. **feedbacks** [GS21b]. **Feller** [YZY24]. **few** [ABSV21, ABR21, Zha21]. **Fibonacci** [ACOM21]. **Fiedler**

[AD24, Cia20b, SMA21, Sos23, WM24]. **Fiedler-type** [Sos23]. **field** [BHBO21, CGMP23, FG22, GvRR⁺23, HS23a, Hom20, HHS20b, MMR20, Ngo24, SZH22]. **fields** [Adr22, ADHM23, BDRS20, BFO23, BM23, BAPF23, CCH⁺21, CLNY22, DG22, Fid22, GIJM22, GJKM21, LM24, dSP24a, PW19, PW20, Pri22, Wer22, ZHSX20]. **filiform** [BBNS22, dMdSS23]. **filling** [Hom20]. **finder** [TV21]. **Finding** [Kov21]. **Fine** [AOCM21, NZ24]. **finitary** [FP22, Vit21]. **Finite** [CM23a, LS24a, Adr22, BM23, BL23, BHKW22, CCH⁺21, CLZ22, CM23b, CV21, CLNY22, CA22, CER⁺23, Coh20, CR21, ĆD20, ĆD23b, DR20, DG22, FGPW24, FMS21, Fra20, FG22, GNP22, Got20, GIJM22, HS23a, Hom20, IIM⁺21, Ime23, KY21, LWW22, LM24, MA24, Mor20, NPR22, Ngo24, OQ22, O'L23, PPŻ21, PPŻ23, PSW23, dSP23a, PW19, PW20, Pri22, Rei23, Szc21]. **Finite-dimensional** [CM23a, ĆD20, ĆD23b, Ime23]. **finite-rank** [Got20, PPŻ21, PPŻ23]. **finitely** [CN20b, JL22]. **First** [Mis20, SMM24, AY23, YD21, ZLG20, Zha24a]. **Fischer** [BS23b]. **five** [Kub22]. **Fixed** [BR20a, Bas21, Bib22, BMM24, CT23, Cos24, DGL23a, DPR20, FKM24, HXLL21, KGY23, LTYZ23, LTWW23, Lim22b, YK21, ZG22]. **Flag** [AGNPSE23, NPSE24, Pat20]. **Flattening** [CST21]. **Floquet** [Szc21]. **flow** [DJ22, GTV24]. **flows** [KLS23]. **focal** [ŠH21b]. **Fock** [HT24a]. **Foguel** [GWW21]. **footprint** [ACM22]. **forbidden** [FY23, LW24]. **forbidding** [CLZ20, LY23]. **forcing** [KL21b]. **forest** [BEF20]. **forests** [CLZ20, CWYZ23]. **form** [ACM22, Arl20, BS20d, CFSiT20, GvRR21a, HLS21a, HXZ24, HVX23, IGW17, Li24, MP23b, Nay23, PK22, RMG24, SZ23a, Sta21, SZ20, Wan21, Wan23, BS20e, CLLK21]. **formal** [Zha23]. **formats** [Buc20]. **forms** [AC20b, Chr24b, Com21, DV24, Dew21, FR24, Ger20, GCOP24, HLYZ21, HLYZ23,

KLLS22, May21, MZ22, PSRS20, RSS21, dlCS21]. **formula** [BBG21, BS23b, CZ22b, CB21, CMM22, GS22, LV22a, RRF23]. **formulae** [MPS22]. **formulas** [CWW24, DN21, ER24, KS23c]. **formulation** [Min22]. **Fornasini** [BCR⁺23]. **Four** [GLNW24, AJNS24, BS20e, BFF⁺23b, GHL⁺24, HLS24, LLW21, LBW23, SSS21]. **four-point** [BS20e]. **Four-vertex** [GLNW24]. **Fourier** [HW21a, LDW21]. **fraction** [HMS21, Paw24]. **Fractional** [GZ22, HXLL21, LLA23, Mon23, CCD⁺22, WZC23]. **Fragments** [Hom20]. **frame** [NS22]. **framed** [ABHR22]. **framelets** [AKPS19, KAPS20]. **Frames** [GIJM22, ANAS20, AP23, CDT24, DO22, FS20, LL21d, LM22b, NS22]. **framework** [AZ24, BF21]. **frameworks** [KNS20]. **Fréchet** [Sch23, Shi20a]. **Fredholm** [BES24b, Djo21, GtHJR24]. **free** [AM23a, BES21, Bas21, BHKW22, Csi22, Got20, LNP21, LWB24, LLW23, LMX23, MT22, MLH22, WCF21, WHL24, Wan24, Zak21, ZY24]. **free/** [MLH22]. **freeness** [PS24a]. **Frequency** [BW21]. **Frequency-** [BW21]. **Friedland** [CLwW22]. **Frobenius** [CKOS22, KZPH22, KPP21, Lin23, MKOC24, TXF24, XY20a, ZC23]. **Fucik** [Mar24a]. **Full** [TW21, HH23a, LNP21]. **fully** [Tan23]. **function** [DP24, FKMM21, GvRR⁺23, IIM⁺21, KW20, Kli20a, KKS21, MQW20, WXL24, Zhu21]. **functional** [Bay24, EMSV22, Rei23]. **functionals** [RRvW24]. **Functions** [BCR20, AS20b, AL21, AL23b, AV23, AL24, AdF20, BES24a, BES24b, Beh21, BO23, BG24, Car21, FSRVSST22, FKRvS24, GW24b, Guo22, GJKM21, JLM20a, JLM20b, Kad20, KSB24, Kia24, KS23b, Li20b, LLH20, LWW22, Mor20, Nag23, NQ24, ST22, Sch23, Shi20a, Skr21, SC20b, Yaz21, Zak21]. **Functors** [Ago24]. **Fundamentals** [CCD⁺22]. **Further** [DYLL23, GPRT20, Nie24, SZ23b, ZT23, ZBCI21, MHM24]. **Gabidulin** [BZZ22, Ner20]. **Gaddum** [CLM20]. **Gain** [CDD21, BBCD21, BBC⁺22a, CG24, HHD20, KKP21, Kha24, LW21c, LWH21, SK21b, XZWT20]. **Gain-line** [CDD21]. **Galerkin** [KHU23, Pra20]. **Galois** [GM24]. **Galway** [GQdSPŠ24]. **Gantmacher** [FV24]. **gap** [Ces20, CMS21]. **Garland** [Lew24a]. **Gateaux** [Sin21]. **gates** [PY24]. **Gau** [CRSY22, GSS24b]. **Gauss** [BWW21]. **Gaussian** [BAPF23, SG20]. **GCD** [GR21]. **general** [BP23a, CEM21, DYB20, DW21, HCZ20, HBHZ24, JST21, dSP24a, PQ22, PV21a, TL21, AS20a, Pre20]. **Generalization** [AOZ23, KP21, CKOS23, De 20, MG21, SMA21, WM24, ZW21]. **generalizations** [BD21a, CD24, Fid22, HVX23, ZJCA20]. **Generalized** [BCR20, DF20b, GQZ20, Ham23, LWYL20, MQW20, PPŽ21, 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, KH24, KLR22, LL21c, MMP21, Ner20, NN24b, PGRU20, Pra20, QWW21, Roy24, SMA20, SS21c, YW22, ZZZ24, TT21]. **generalizing** [Cia20b, LWZL23, LL24b]. **generated** [BDHS23a, Kol21, LW21a, PS24a, XTLK23]. **Generating** [BS21b, MSTH24, NQ24, BS20d, DV24, Yaz21]. **Generation** [EV20, GNP22]. **generators** [CFKO21, dBS20]. **generic** [BBS20, Com21, DDD24, DP24, KK20a]. **genetic** [Pan21]. **genus** [BDV21, Pen24]. **Geodesic** [DF22]. **Geometric** [Got20, LS24c, MBV24, CMM20, DY23b, EHS22, FH23, FJ24, GLT21, HS23b, Hla24, 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]. **GLT** [SSC24]. **GMRES** [CLS24].
Godsil [BBCD21, QJW20]. **going** [MZZ24].
Gordon [FGPW24]. **Gorenstein**
[Alt22, MRT20]. **gr** [FK23]. **gr-PI** [FK23].
gracefully [CCGH24]. **grade** [DDD24].
Graded
[CDdM22, DRG24, FGDY20, FKM22, Fid22,
Gor24, BDV24, BCS24, CK24b, CIMV24,
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].
Graham [ABH⁺24]. **Gram**
[CLRT22, KK22b, May21]. **graph**
[AAF23, AFSS20, AAF22, AD24, AA21,
ACDG21, BBG21, BCC⁺24, Bol21, CLS20,
CPS20, CLM20, CG22, CvDB23, CLL20,
CLT22, CMP21, Csi22, DJ23, DAG21, ET20,
FHLS22, FM22b, FIJM24, Fio20, GH24,
GK21, GZZ21, HHD20, HLN24, HXZ24,
IIM⁺21, KKS21, 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,
WZX24, WZFW23, XWT20, XZ24, 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, AZ24, AJM21,
AJM24, AAF⁺21, ASS21, AFSS20, AIK⁺24,
AGH20, AFG⁺21, AAAH22, AL23a, AAM24,
AdL21, AdLN23, AT20, Alf20b, ABG20,
ALMZ⁺20, ABR⁺22, ARS24, ADvdH21,
AHLvdH21, ADvdH23, ADH⁺24, ASG22,
BP21a, BMP24, BV24, BHHP21, BEHK22,
BFF⁺23b, BFF⁺23a, BES21, Bas21,
BAPF23, BL22, BL23, BC21, BBCD21,
BBC⁺22a, BP20, BSZ24, BDVR21, BS23b,
BCD⁺24, CZG21, CW22, CCPKP20, CGP22,
CDD21, CK23a, Ces20, CFK⁺20, CCD⁺22,
CDS21, CLZ20, CH21, CWZ22, CLM22,
CG24, CHHS20, CN24, Cia20b, CCGH24,
CP21, CDG21, CDG22a, DF20a, DDFM⁺21,
DFL24, DS22, DKL⁺22, DPR20, DGS⁺21a,
Du23, DdF23, DYLL23, DH23, DYLY24,
DY24, EN24, Ere21, EGK⁺24, EG20,
EHS22, Est20, FCLP22, FY23, FLRS20].
graphs [FW22, FM20a, FS23, Gan23,
GPRT20, GR22, Ger20, GLHNW20, GK22b,
GM20, 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,
KGY23, KAGH24, KS23c, KMNP20,
KMNP24, Kub22, Kub23, KLR22, LW21a,
Lee20, LOŠ22, Lew24a, LW20b, LLW20,
LC20, LLH20, LLW21, LQL21, LQ21,
LTYZ23, LY23, LJSZ23, LY24, LOS20,
LOŠ21a, LG21a, LLW23, LWYL20, LDSS20,
LHH22, LMX23, LLX23, LW24, LZ21b,
LLA23, LWH21, LLL22, LDW21, LGT24,
MSTH24, MA24, MMN22, VJ24, MLH22,
Mło22, MR21b, Nic24, NdLO21, O.21,
OJQ20, Obo22, Obo24a, Obo24b, OPPS22,
OdFVM21, PPŽ21, PPŽ23, PGRU20, PK21,

PV21b, QLCM20, QJW20, QWW21, QJMW23, QQM24, RFP22, Rei23]. **graphs** [RRvW24, RDFM23, Row20, RS21b, SMA21, SS21b, Sic21, Sim21, SZ21, SZSMB20, SSS21, Sta20b, SD20, SD21b, SLL22, SC23, Tan23, TTV23, TLC20, TWW20, TCC21, TW21, TT24, Tur21, UZ21, VTBC20, WH20, WCF21, WHM23, WLL23, WZC23, WHL24, Wan24, WLT22, WFY24, XZWT20, XL24, YK21, YW23, YLZH21, YD21, Zak21, ZXL20, ZWF20, ZY24, Zha22, ZG22, ZWW23, Zha24a, ZWZ24, ZF24, ZHG21, ZHW21, ZL23b, ZWL20b, ZWL20a, ZBWL20, ZWT21, ZvD21, ZL23c, dLMO20, JLW22]. **graphs/networks** [Est20]. **Grassmann** [ADHS23, BBT24, FGGG24, GFD21, dAGK21, Lee20, LIW20, PPZ21]. **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, GM24, GSS24b, KLS21, LW21a, LWW22, Oli21, PR22b, SS24a, Slo21b]. **groups** [BSS23, BCNS22, BFO23, BL22, BL23, BDHS23a, BHW24, CK23a, CXZ22, DF20a, DZCY22, DdR20, DLL23, Dra22, FKK21a, GG21, GLZ20, GM24, HWK21, JLL20a, KB22, LM24, Pan23, dSP24a, dSP24b, Pre20, RT21, SZ22b, Sta24, Zal24]. **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, EN24]. **Hafnian** [KKT22]. **Hahn** [FG23b, Lee20]. **Half** [He20]. **Halin** [CLM22]. **Halmos** [XY20b]. **halves** [SS23c, YY23, ZYZ24, ZZJ23]. **Hamburger** [FKKM22, FKM24]. **Hamilton** [AS23, Mur22, SSvW20, ZWL20b, ZWL20a]. **Hamilton-connected** [ZWL20b, ZWL20a]. **Hamiltonian** [Ayd23, FCLP22, FGPW24, FP24, GS21b, LWYL20, MMW21, SS21a, SH21b, TCB24, ZS22b, dICP20]. **Hamiltonians** [Lim22b]. **Hamiltonicity** [FKK21a, ZBWL20]. **Hamming** [BMPS23]. **hand** [Hal20]. **Hankel** [Bou21, Dom20, DG22, ER24, FGM21, GW22, KPP21, SS20]. **Harary** [CC22b]. **hard** [DL22]. **Harmonic** [FS20]. **Harmonious** [XY20b, Aou24]. **Harnack** [JL20, YZ20]. **Harpe** [Ali20, HAD19]. **Hartfiel** [Mao20]. **Hausdorff** [FKM20]. **having** [CDG22a, GZZ21, GtHJR24, LNN⁺20, TW21]. **Hecke** [Wie22]. **Heisenberg** [EFY24, FKM22]. **Hellinger** [DF20b]. **helm** [Goe21]. **hereditary** [AT24, Yan22]. **Hermite** [CLLK21]. **hermitian** [DV24, BN23, BLMT21, BR22, BDI20, CN22, FM20b, GM23, GM20, GL22b, IB22, Kli20a, LR23, MSZ21, MRV20, Moh20, Sta21, Sta24, SZ20, ZFZ20, vRRvS24]. **Hermitians** [DM24]. **Heron** [MS24b]. **Hessenberg** [BFMM23, CCGV⁺20, Lee22]. **Hessian** [Yaz21]. **hierarchical** [IB22]. **High** [ZBdAF20, BBS23, XJLL23]. **High-order** [ZBdAF20, XJLL23]. **Higham** [NN24a]. **Higher** [Kak20, RMG24, BdPS21, CGP24, HX24, HLYZ21, PW21, SH20, Sch23]. **higher-order** [CGP24, Sch23]. **Higher-rank** [Kak20, BdPS21]. **Hilbert** [Aou24, ANAS20, BM22, DP23, FG23a, Fra22, MPR24, Min22, OM20, Pan20, XY20b, ZW21, Zam23, hB21]. **Hilbertian** [BKPS23, MXZ20]. **Hilton** [WXY24]. **hitting** [LV22a]. **Hoffman** [Hae21]. **Hölder** [AMS24]. **holds** [Roc20]. **Homogeneous** [Lim22a, BGOO21, DG20, DR20, FGGG24, HCZ20]. **homomorphic** [Tsa23].

homomorphisms [Mar24b]. **homotopy** [KW20, NS22]. **Hong** [Sta21]. **honor** [BERS24]. **Hopf** [FKRvS24, Kar24]. **Horadam** [ACOM21]. **horizontal** [MG21]. **Horn** [BJ20b, SZ22a, ZX20]. **Householder** [CP20]. **HS** [KB22, Kad23]. **HS-integral** [KB22, Kad23]. **Hua** [Lin24]. **Hubs** [Est20]. **Hubs-repelling** [Est20]. **hulls** [CK21, Cos22, JLL20a, KS20a]. **Hurwitz** [AOCM21, BBCK24]. **hybrid** [HH23a]. **hyper** [AL21, AL24, CR23, Lew24b]. **hyper-Lyapunov** [Lew24b]. **hyper-positive** [AL21, AL24]. **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, RRL⁺24, SSP22, SB20, SWW21, XW21, XHW23, ZLG20, ZZ21, ZKLS20]. **hypermatrices** [GF20]. **hyperovals** [DG20]. **hyperplane** [HMS21, Paw24]. **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, CK24b, DdR20, DGdSS23, DRG24, FKM22, Fid22, GFD21, dAGK21, MvWZ24, Nar23, Uru22, dMdSS23]. **identity** [SSvW20]. **Ihara** [IIM⁺21, NQ24, SC20b]. **IHS** [OPA23]. **II** [AS20a, AL24, CG20, Cra21, JK24, KS23b, KP22, LL24b, MS24a, Mar24b, SS22, Sim21, SMM24, Wój22a]. **III** [dSP20b]. **ILAS** [GQdSPŠ24, AHKT21]. **image** [WZL21]. **Images** [Vit21, BHBO21, CLW22, dMdSS23]. **Immanent** [BS24b]. **immanants** [CK24a, DGS21b]. **imperfect** [Los21b, Sar21]. **implementation** [PY24]. **implicit** [GO24]. **Improved** [AL23a, Bhu24, FQ20, Kia24]. **improvements** [KZ23]. **impulsive** [SLTW22]. **in-betweenness** [DF20b, DF22]. **In-evolution** [Pan21]. **Incidence** [GRR22, AAM24, CCKM22, DHR20, FP22, GK22a]. **including** [Rup24]. **inclusion** [BS23b, Cos24, YLCB21]. **inclusion-exclusion** [BS23b]. **inclusions** [Lew24b]. **increasing** [BG24]. **indefinite** [Boj21, BKS⁺21, Kov20, Ran22]. **independence** [ABC⁺22, CDG21, Fio20, HN24, HH23b, HLN24, Nic24]. **Independent** [Pat20, GLP21]. **Index** [Kar24, LH21, AA21, BL23, CT23, CHY20, CMR20, DY24, FYS⁺23, GMR22, HD22, JKS23, JLW22, KL21c, LTYZ23, LMX23, dSP24b, ŠH21a, Šte22b, SSvW20, TCC21, ZL22]. **indices** [ADMZ21, ALMZ⁺20, BPZ21, FLRS20, FKRV24, LW21b, WFL20]. **induce** [Kub23]. **induced** [GLAdS23, GOUY23, Gow20, ST20, Sra21, Yam21]. **inducibility** [MDH23]. **Inequalities** [FV24, JLM20a, JLM20b, ANBK22, Ala21, AHK23, AMS24, BDK21, BDN24, BS22, BP21b, BP23b, BL20, CZ22a, CLM20, Chr24a, ES20, FH23, FLT20, GAM20, Gow20, HW20, HVX23, Ime23, JLL20b, Kia24, KZ24b, 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, KZ24b, KMP23, LF20, LS20c, Lin24, Mao20, MKOC24, Naj20, PPW20, QCCS21, RW21b, Sos23, ZJCA20]. **inertia** [DY24, WFL20]. **Inertias** [BCOvdD23]. **inexact** [WCS20]. **infinite** [Bez22, BTTT24, CG20, Fid22, GJ23, HLZ17, Hou20, Men22, Rob20]. **infinite-dimensional** [CG20]. **infinity** [Bou24, WES21]. **Information** [MS22, BS20b, FT23]. **Inheritance** [CF24]. **injective** [LCH23]. **Injectivity** [GRR22]. **inner** [BKR⁺20, BNS22, BDV21, CS20, Fek20, Ran22]. **inspired** [BS20e, DKN24]. **Integer** [AJM21, HLS21a, AJM24, ACT24, Ans21, FR24, KS20b, Kop20, NPkT21, PV22, Sim20, VS20, ZF24]. **integers** [CLS23]. **Integrability** [DGKP24]. **Integral** [BDVR21, Ger20, GKLZ20, PV21b, Sch23, WH20, ÁVKP20b, ABR⁺22, BL23, JK24, KB22, Kad23, MZ22, NdLO21, OPPS22, Sha22, dLMO20]. **integrality** [Wfy24]. **integration** [NS21]. **interlacing** [ACF⁺24, CZ22c, LZ21a, vRRvS24]. **interpolation** [Bol22, GS20a]. **interpretation** [PV21a]. **intersecting** [DV24, DKL⁺22, Des24, HLS24, MLZ24, WXY24, ZHG21]. **intersection** [BMR23, BFPS21, CVV21]. **Interval** [CK21, Rub21, AG21, Bib22, Hla24, LWB24, MP20b, MP24, NN24b, Obo24a, SL20a]. **Intervals** [CS21]. **Introducing** [ZS22a]. **invariance** [DKN24, 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, XZ24]. **Inverse** [CN22, DMS20, GK20, PSAPNV20, YGW20, ACF⁺24, AAMR20, APLN⁺23, BBG21, Beh21, BCC⁺24, Bol21, Bos24, BF24c, CEJM21, CS21, CCK21b, CN21a, CESS21, FHLS22, FG23a, GR22, HLW23, JCD24, LOŠ21a, LOŠ23, MvWC23, RX21, SM23, SS21c, WCS20, dAdCG⁺21]. **inverses** [AAM24, Dra23, GZ20a, JMPS24, KLS21, MR21a]. **Inversion** [AHV20, ER24, PŠ23a, RS21a]. **invertibility** [BGT24, BR24, Cos20b, Sch24]. **invertible** [FM22a, Loe21, dSP23b]. **Involution** [BDHS23a, BDV24, BCS24, CdSV22, DRG24, HS20, Iop20, IdSSV21, PS20, Uru22]. **involutions** [AdlC20, BDHS23a, EV20, FGDY20, FP22, HLZ17, Hou20, HHS20b, dSP24a, RAK21, Slo21b]. **Involutive** [BW22]. **involutory** [CCK21b]. **involving** [AHK23, ACOM21, BES24a, LLA23, ZWW23]. **Ireland** [GQdSPŠ24]. **irreducibility** [MG21]. **Irreducible** [CCU21, Wie22, Dra22, Hu21, MSTH24, Miy24, YLZH21, GHL⁺24]. **irregular** [AZ24]. **irregularity** [LYZ23]. **isoclinic** [FIJM24]. **isolated** [AHV20]. **Isometric** [CFSiT20, AV23, JJS20a]. **isometries** [Aou24, BCG24, BG20, BKS15, BKSP23, CR23, CAEH⁺22, GS21a, GL22b, IKLP20, IOT21, MS21, SMP24, Sán21]. **isometry** [BL20, GTV24, Sat21]. **Isomorphism** [WZ23b, KK22b]. **isomorphisms** [CMM20, EE23, FP22]. **isospectral** [KSSW20, PV21b]. **Isospectrality** [PW21, vdMvSW24]. **isotropic** [Car21]. **Isotropy** [Sta24]. **issue** [BERS24, GLT23, AHKT21]. **iteration** [KLS23, Rob20]. **iterations** [BKRS20, WW22]. **Iterative** [HH23a, ABCH23, DL22]. **iteratively** [CW21].

Jacobi [AM21, APLN⁺23, CN22, IB22, JK24, KH24, SS20, VS20, XBSF23, YOY21, ZW20]. **Jacobsthal** [ACOM21]. **James** [AGK⁺21]. **Janeiro** [AHKT21]. **January**

[Ano20-69, Ano20-56, Ano21-68, Ano21-70, Ano22-67, Ano22-68, Ano23-60, Ano24-63, Ano24-51, 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, LOS22]. **Joint** [Pik23, Bui22, CMS21, DP24]. **joint-MVD** [DP24]. **jointly** [BO23]. **Jordan** [AM21, AMO24, AHV20, Alt22, AO22, BDK⁺24, CCU21, CLNY22, DGdSS23, FP20, GS20a, Gow20, JLL20b, 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, Ano24-60, AHKT21]. **June** [Ano20-59, Ano20-51, Ano21-51, Ano21-58, Ano22-65, Ano22-61, Ano23-51, Ano23-56, Ano24-53, Ano24-54, GQdSPŠ24]. **just** [Row20].

Kac [FKM22, Fik20, FP21]. **Kaczmarz** [BHD⁺21, Dax23, LG21b, LR24, SLTW22, TNL24, ZL23a]. **Kahan** [WW20]. **Kahane** [RT23]. **Kantor** [AOCM21]. **Kaplansky** [GdM23]. **Karcher** [GLP21, GL22a, GL23, LL21b]. **Karlin** [FV24]. **Karpelevic** [KŠ22b, MNP24]. **Karpelevich** [KK20b]. **Kato** [AOZ23]. **Katz** [AHNW22]. **Kemeny** [JKS23, LL20]. **kernel** [DD23a, DY23b]. **kernels** [AG15, AG20, BFPS21, NWW20]. **kind** [Moh20, XX20]. **Kippenhahn** [BdPS21]. **Kirchberger** [HKK24]. **Kirchhoff** [Kni24, KL21c, RFP22]. **Kiselman** [Wie22]. **knowledge** [LR24]. **known** [KZ23]. **Ko** [Adr22]. **Kraus** [ST22]. **Krein** [FV24]. **Kronecker** [FKMM21, KT21, MB20, PP20]. **Krylov** [CCS22, MG24, Rob20, SS21a, XJLL23].

Krylov-Lagrangian [SS21a]. **Kubo** [Gye23, LS20a, PV21a]. **Kuiper** [MT21a]. **Kutta** [GO24]. **Ky** [KLSP24].

labeling [LL21c]. **labelled** [CCGH24, SB24]. **labelling** [SWW22]. **Lagrange** [Bur21]. **Lagrangian** [SS21a]. **Laguerre** [MPR22, MZ24, WXL24]. **Laman** [BC21]. **Lanczos** [CT24, GP21]. **Lanczos-like** [GP21]. **Landau** [CLNY22]. **Laplace** [FV24]. **Laplacian** [AMZ21, AJM21, AJM24, ASS21, AAFT22, AvDF20, AADT23, AdL21, AWvW24, BR23a, BEHK22, BCE⁺23, Bol21, CLS20, CPS20, CLZ20, CWZ22, CK23b, Co021, DDFM⁺21, ET20, Est20, FCLP22, GM22, GPRT20, GH24, GZZ21, GMSG22, GMSG24, HLW23, HLS21b, JT24, KKP21, Kni24, LWB20, LLW21, LQL21, LHH22, LGT24, MK23, MT21b, MZZ24, Nic20, Obo22, PK21, SSP22, SSS21, Sta20a, Sta23a, SD21b, SC23, TWW20, TW21, VTBC20, WYF⁺20, WZW⁺21, WMCQ23, XW21, XY20c, XZ23, XZ24, XLYS20, ZXL20, ZG22, ZHG21, ZWL20b, ZWL20a]. **Laplacian-energy-like** [LGT24]. **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, DFL24, LWB20, WWT20, WQP23, XLS20, YK21, YW23, YWF21]. **lattice** [ACDG21, KS22a, MHM24, PGST23, Pol20, Ram23]. **lattice-subspaces** [Pol20]. **lattice-theoretical** [KS22a]. **lattices** [FK21, GGGD23]. **Laurent** [KS24a]. **law** [KNiO23]. **Lax** [ACSS22]. **LCM** [GR21, MHM24]. **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, FGPW24, SMA21, WM24, AZ24, KS22a]. **length** [JMP21a, RRvW24]. **Lengths** [Mig21]. **Lenstra** [FG22]. **Leslie** [PSAPNV20]. **less** [Rup24, 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, EFY24, GG21, GJV20, HB24, Jia24, KK23a, KY21, KLLS22, LNN⁺20, LS20b, LP21, MDH23, ORS24, PGST23, QSH22, Rai23, SsvW20, TCB24, Yas23]. **Lieb** [AS20b]. **liftings** [BPS23]. **liftings** [MS21]. **lifts** [WZFW23]. **like** [AKVS23, ACOM21, CGJvB22, Dra23, ES20, GM22, GP21, GtHJR24, Jia24, LGT24, 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, GTV24, HLS24, OdFVM21, Omn21, VZ20]. **Lineability** [FSRVST22]. **Linear** [AAH⁺22, AAPC⁺24b, 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, Slo21a, 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, FSRVST22, FT23, GP21, GL20a, GJ23, GM24, GLT23, GSS24b, GS24, HLW23, HB24, HPSZ21, KS22a, KK20a, KHU23, KCML20, Kye23, LPS23, Lew21, LG21b, MAG21, MG21, MC21b, MKE⁺20, MPS24, NPkT21, NPHT20, ONW24, dSP23a, Phu24, PLT23, PS23b, Pre20, Rei23, RW22, SDTR23, Sch24, ŠH21b, SL21]. **linear** [SNK22, ZK21, AHKT21]. **linear-algebraic** [KS22a]. **Linearity** [CKL24, Sán21]. **Linearization** [VS23]. **Linearizations** [DMQV24, PQ22, ADMZ21, DMQD20]. **linearized** [GM24, MP22, Oli21, PZ20, SZZ24, dVLG23]. **linearly** [GLP21, Pat20]. **lines** [BS20f, FP21, GIJM22, HLS24, cRLY20, SS23b, Zal22]. **Link** [BBW24]. **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]. **longest** [Nis24]. **look** [KS22a]. **loops** [IMT20]. **loss** [CPTP21, DP24, FKMM21]. **Lovász** [ABH⁺24, AC22]. **Low** [BS24a, DJ22, TL21, ZRQK22, BF24b, Bud24, FGM21, JMPS21, JCD24, KKM22b, KST22, Li20a, LHZ21, MN24, MO20, SK21a]. **low-dimensional** [Li20a]. **Low-rank** [BS24a, 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, Lew24b].

M [OPA23]. **M-IHS** [OPA23]. **Macaulay** [VD22]. **Macphail** [Tei22]. **Magic** [HHS21]. **magnetic** [FCLP22, KS23c]. **main** [AFG⁺21, DYLY24, FB21, VTBC20, YW22]. **major** [Kia24]. **majorisation** [BS22]. **Majorization** [DGS20, DGS23, Gow20, GS23b, JLL20b, YZ20, vED22]. **majorizations** [GS21c]. **Manifold** [ÁVKP20b, GSS24a]. **manifolds** [ÁVKP20a]. **many** [CN20b]. **map** [CM23a, CN22, CN23b, LS24b]. **mapping** [AFS⁺23, GKS21]. **mappings** [dSP23a, Sch24, Shi20a]. **Maps** [BMM24, HP23b, BH24, BFMS21, BSC23, BHMU20, BKT23, BS20g, Bui21, CDPR23, CMT21, CL24, CLL24, Cos20a, Cos20b, Cos21, Cos22, Cos24, DN21, FOR22, GJV20, GS20b, GMP22, HH23b, JLL20b, JS22, KCML20, KLSP24, Kye23, LV22a, LL24a, LL21b, LR21, LHFL20, LTWW23, LP21, SPMSC24, ST20, SS23b, tHvdM21]. **March** [Ano20-70, Ano20-54, Ano21-64, Ano21-66, Ano22-50, Ano22-56, Ano23-49, Ano23-59, Ano24-49, Ano24-55]. **Marchesini** [BCR⁺23]. **Markov** [BS20a, BAPF23, CK23b, CR21, EGJP21, HX24, LL20, RMP21, TTV23]. **mass** [VS20]. **masses** [FKM24]. **Master** [KKT22]. **Matching** [FCLP22, GJ23, ZvD23, ADH⁺24, Bou24, HDD20, LZ21a, LLA23, WZW⁺21, WHM23, WWY23, YYS⁺21, ZF24]. **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, AAM24, AdL21, Alf20a, ADMZ21, AAMR20, ACOM21, ABW22, APNP⁺21, APLN⁺23, Ayd23, BS20b, BDNO20, BS20d, BBS23,

BS24a, BDK21, BPZ21, BN23, BEF20, BS20f, Bar21b, BDGY21, Bay24, BAPF23, BHBO21, BdPS21, BJ20a, BGT24, BC21, BR22, BCOvdD23, BCC⁺24, Bez22, BJ23, BG24, Bib22, BDHS22, BDHS23b, BTTT24, BDvW24, BDK⁺24, Bol22, BEFSC22, BFPS21, Bos24, Bou21, BMM24, BL24, Bou24, BCP24, BFMM23, BM20, BR23b, BD21b, BC24a, Bud24, BF24c, Bui22, BLS20, BS24c, Bur20, Bur21, CRR20, CRSY22, CCU21, CC22a, CEJM21, CEJM24, CDM21, CL20, CDdM22, Cha24, CS21, CD23a, CD24, CHY20, Che21, CZ22c, CT24, CJ20, CCK21b, CCP22, CCS22]. **matrices** [CCKM22, CKKR23, CLNY22, CLS23, CN23a, CKLN23, CN23b, CW20, CCO23, CMT21, CIM22, CT20, CK21, CESS21, CP22, CCGH24, CK23b, CKM20, Cos20a, Cos21, Cos22, CGMP23, CdSV22, CS20, CCL21, DGS20, DGS23, DGKP24, DD20, DY23a, Dew21, DJ23, DRG24, DMQD20, DMQV24, DGS21b, DF20c, DF22, DG22, ER24, EGJP21, EJS24, ES23, EHS22, EGV20, FCLP22, FV24, FR21, FP24, FIJM24, 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, GMSG24, 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]. **matrices** [Kol21, KFS21, KN20, Kus23, LR23, LV22b, Le22, LS23, LOŠ22, LLW20, LF20, LH20, LLW21, LW21b, LTWW23, LWB24, LY24, Lim21, Lim22a, LZZ23, Loe21, Loe23, Los21b, Lub22, LMR21, Lyu20, MPR22, MPR24, MSTH24, MA22, Mao20, MJ24, MMV21, MMV22, MRZ22, MR21a, MSZ21, MORŠ21, MHM24, MS20a, MT21b, MC21a, MN24, MRV20, Men22, Mig21, Mii24, MT23, Moh22, Moh20, MSX22, MSZ23, MP24,

Nar23, NS21, Ner20, NXS23, NV23b, OQ22, OV24, OW23, Obo24b, ORŠ23, OP21, PS24a, PSW23, PŠ23a, dSP22, dSP23b, PQ22, PSAPNV20, PW21, PW19, PW20, Pri22, Ran22, RRvW24, RA24, RS21a, RKBA21, RSS21, RX21, Rub21, Rub22, RRL⁺24, SS21a, ST22, ŠH21a, Sha22, SM23, SS21c, Shi21c, Shi22, Sim20, SMM24, Sra21, SS20, Sta24, SSvW20, Tan23, Tei22]. **matrices** [TP23, Tom23, TBH20, VS20, Van24a, Var21, VMB22, Vit21, Wan21, WW22, Wei22, Xie21, YZ20, Yan21, Yaz21, ZS22a, ZM21, ZZ20, ZW20, ZZZ24, ZFZ20, ZC23, ZBCI21, dC21, dHH23, dLCP20, dLCS21, ĐMM⁺22, vRvSTT21, vRRvS24]. **matricial** [FKM20, FKKM22, FKM24, Kim22, MS24a, Pap24]. **Matrix** [ABC⁺22, AMS24, BW24, CKKR23, CKLL20, Cra21, CMR21, GW20, Jon21, Kis22, KP23b, San23, ZK21, AT21, AOA23, ADGK21, ACT24, AK20, ABG20, ACM22, ADHM23, AGV20, AdlC20, AS22, AJNS24, BGGA22, Bai24, BBG21, BS20e, BJP21, BR20a, Bar20, BR20b, BN23, BT20a, BFMS21, BDN24, BBS20, BS23a, BDK⁺24, BGSC24, BFPS21, BM22, BŠ23c, CP20, Car21, CZ22b, CK23a, CLW22, CAJ21, CLS23, CN21b, CMP21, CP23, CESS21, Chr24b, Cob22b, CER⁺23, CMM22, Cos20b, DB23, DDD24, DD20, DID22, DMS20, DZCY22, DdR20, DP24, DLL20, DP21, Djo23, DS24, DAG21, DL23, DN20, DN23, DMQV24, Dra22, DGS⁺21a, DM24, EJ23, Elm23, Est23, FM22a, FMR20, FISW21, FGDY20, FR24, FM20b, FKKM22, FG20, FG23b, FJ24, FKK⁺21b, GA22, GM22, GTW23, GW24a, GKS21]. **matrix** [GK21, GZ20a, GW24b, GRR22, GvRR⁺23, GtHJR24, GMP22, Han21, HW20, HLS21a, HXZ24, JJJ20a, KL23, KS24b, KCPMNS21, Kim20, KIS21, Kop20, Kov21, KP21, KLSP24, Kye23, LNN⁺20, Lew24b, fLLV20, Li22, Li24, LDSS20, LHZ21, MZ24, MMW21, Mel23, MC21b, ME21, MT23, MST24b, MST24a, MP21, MP23b, Mor23, MP20b, NGK23, NPkT21, Ngo24, NN24b, 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, WCKQ20, WZL21, WWG22, WMCQ23, Wan23, Wer22, XY20a, XZ21, XWT20, XBSF23, Yan22, YZY24, ZG21, dVLG23, tHvdM21, vdMvSW24, GGGD23, KS23b, LLWW23]. **matrix-sequences** [BGSC24, CER⁺23]. **matrix-tree** [GRR22, LLWW23]. **matrix-weighted** [Han21]. **matrixwise** [DFH⁺20]. **matroids** [HKK24, HN24]. **max** [AdLN23, Jon21, KZPH22, MPS22, MP20b, MP24, ONW24, SIW22, TV21, WFSS20]. **max-min** [MP20b]. **max-plus** [Jon21, MP24, ONW24, SIW22, WFSS20]. **Maxima** [LMX23, ZL22, ZG22, JLW22, PSZ21]. **Maximal** [Ere21, GM23, APNP⁺21, CZG21, CT23, LTYZ23, ORS24, 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, MvWZ24, 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, Ano24-57, Ano24-61]. **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, MS24b, Nie24, PV21a, Uch21, Uch23]. **Measure** [BHHP21, EAHS21, HJBKR24].

Measure-theoretic [BHHP21]. **measurements** [KKM22b]. **measures** [AHNW22, CGP24, FG20]. **Measuring** [AEGL21]. **median** [MC21a]. **Mellin** [JK24]. **mesh** [EGL21, SZ21, SZ22a]. **Mesner** [GF20, Mar21]. **method** [BWW21, CK23a, Dax23, EN22, GP21, GD20, Har22, KHU23, Lew24a, LG21b, LR24, MHM24, OPA23, Pra20, SLTW22, SWW22, TNL24, WCS20, XX20, XBSF23, ZL23a]. **methods** [BDFF23, DAG21, Gal21, JK24, KKM22a, KH24, MG24, RZ24]. **Metric** [BCR20, Bai24, BGLR22, CXZ22, DF20b, NPHT20, Oli21]. **Metrics** [Sra21, Min22, TP23]. **Milner** [WXY24]. **Min** [TV21, MP20b, ONW24]. **Min-max** [TV21]. **min-plus** [ONW24]. **Minimal** [BDV24, DN24, EGC21, GS21b, ZWZ24, 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** [LGT24, 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, vRRvS24]. **minor** [ADH+24, LLW23, WCF21, ZL22]. **minors** [BDNO20, FMR20, ZZZ24]. **Mirsky** [HR20]. **Mixed** [AGNN20, GHLP24, LLL22, ABR+22, Ans21, BL23, BBCD21, DFL24, GL21, HBHZ22, KB22, Kad23, KSY21, PS24b, WFL20, XBSF23, YGW20, YWF21, ZW20]. **mixed-unitary** [GL21]. **Mixing** [AZ24]. **Möbius** [KSB24, Kli20a]. **Model** [WXL24, XJLL23, Ais24, BDSS21, Bou24, CZ20b, ĆD23b, GQZ20, LM22b]. **model-matching** [Bou24]. **models** [BCR+23, HH23a]. **modifications** [MPRS21]. **modular** [CN23a]. **module** [AM23a, BBNS22, Mur22, XY20b]. **modules** [Ago24, BHKW22, CW23a, EGL21, TCB24]. **Moduli** [AG24, ABHR22]. **modulo** [CLS23, JMP21a]. **modulus** [BMM24, MR21a]. **moment** [Cia22, EAHS21, FKM20, FKKM22, FKM24, Kov20, MS24a, Zal22]. **Momenta** [dIPG21]. **momentary** [BEFSC22]. **Moments** [BCR20, YBW24]. **monodromy** [Ayd23]. **monoid** [Got20]. **monoids** [BS23a, Wie22]. **monomial** [CDdM22, SDS21]. **monomials** [KLR22]. **monomorphic** [BSZ24]. **monotone** [ADH+24, CDR23, JLM20a, JLM20b]. **Monotonicity** [BJ20a, CZ22a, PTD22, BW24, CESS21]. **Moody** [FKM22]. **Moore** [BF24c, DFL24, FG23a, PŠ23a]. **Morita** [BT24, 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, BBBT24, FPR20, HLYZ23, PSRS20, Skr20, Skr24, 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, WZX24, XWT20, YW23, ZWZ24, ZW22].

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MVD [DP24].

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 dSP20a, SSvW20, TBH20, WJLW24].
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 [KKM22b, SLTW22]. **noise-blind**
 [KKM22b]. **noisy** [CW21, HH23a]. **Non**
 [BZZ22, Eld22, JN22, LS20b, MDH23,
 ACT24, AFS⁺23, BGS22, BS21a, BMP24,
 BL23, Bri22, CDdM22, CD24, CL21,

CdSV22, DV24, FM22a, FGGG24, GZ23,
 GNP22, GK21, GM20, GZ22, GLZ21, JS22,
 KKS21, KKS21, Lee20, LG21a, LMX23,
 MZZ24, NQ24, Pan23, Pan24, PR22a, Phu24,
 PV21b, SK21a, SS22, TL21]. **Non-abelian**
 [MDH23, BL23]. **non-associative** [Bri22].
non-backtracking
 [GK21, KKS21, MZZ24, NQ24].
non-bipartite
 [BMP24, 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-negative [ACT24]. **non-negativity**
 [GZ23, JS22]. **non-orthogonal** [TL21].
non-positive [CD24]. **non-prime** [SK21a].
Non-singular [LS20b, DV24]. **non-smooth**
 [BS21a]. **non-surjective** [Pan24].
non-symmetric [BGS22, Lee20].
non-trivial [CdSV22]. **non-uniform**
 [Phu24]. **Non-unital** [JN22]. **non-unitary**
 [AFS⁺23]. **non-zero** [KKS21, Pan23].
Nonassociative [BO24, KUZ22].
nonbipartite [BP21a]. **noncommutative**
 [Pre20]. **Nonconcavity** [AC20a].
noncontrollable [QQM24].
Nondegenerate [KLLS22, CFSiT20].
Nonderogatory [BM20].
nonhypoenergetic [ADGKM21].
noninteger [BBCK24]. **Nonlinear**
 [Cos20b, BM24, DMQD20, Lin23, Mar24a,
 MG24, Tom23]. **Nonnegative**
 [JJS20b, AOA23, AAMR20, Arl20, Bui22,
 BŠ23c, CCU21, CP22, CMM22, DYB20,
 FV24, GR21, HH23b, JCD24, KZPH22,
 Kol21, LH20, Loe23, Miy24, NGK23, RX21,
 SM23, vRvSTT21]. **nonorientable** [Pen24].
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, KLS24, LWW22, Mis22, MSZ23, NNSS20, Roy24, SZ23b, Sin21, ZXZW23].

norm-one [CDPR23]. **Normal** [BS20e, CLLK21, DHR20, RW22, DY23a, HXZ24, IGW17, Kad23, Kov21, KFS21, LPS23, LL21c, MP23b, SZ23a, Wan21, Wan23, dICS21]. **normality** [Du23].

normalized [AMZ21, JT24, SD21b, SC23, TWW20, TW21]. **normalizer** [BK22].

normed [IOT21, KNS20, Wój22a]. **norms** [BDSS21, BLR21, CI21, DLL20, FISW21, GG21, GW24b, LR23, MKOC24, PSRS20, WW22, ZS22a]. **Note** [Ano21-49, Ano24-69, Bib22, Csi22, YLZH21, BES24a, CMP21, DLL20, FS23, FM20b, HR20, Han22, HB24, MK23, MP23a, Ran22, SZ23a, SLL22, ZZW22, dHH23, Ano24-68].

Notes [BS20a]. **November** [Ano20-71, Ano20-57, Ano21-54, Ano21-56, Ano22-58, Ano22-72, Ano23-68, Ano23-64, Ano24-50, Ano24-48]. **NP** [Shi21b].

NP-complete [Shi21b]. **Null** [JMP21a, Wer22, HMPT20, dMdSS23].

null-filiform [dMdSS23]. **Nullities** [EGV20, OdFVM21]. **nullity** [ACF⁺24, ADvdH21, AHLvdH21, ADvdH23, CL22, CG24, CLL20, CLT22, LW21d, WG20a, ZWT21]. **nullspace** [ACG⁺21].

Nullstellensatz [GSV24]. **number** [AAF23, AFK⁺23, AADT23, BBG21, Bar20, Bas21, BP20, BR21, BBC⁺22b, CRSY22, CWYZ23, CDG21, DJ23, DP21, DW21, FCLP22, FM22b, Fio20, Gan23, Goe21, GSS24b, HHD20, HLX20, HXLL21, HLH23, HH23b, HWD23, HLN24, HW21b, Kli20b, fLLV20, LQ21, LWB24, LZ20, LLX23, MS20b, MP21, Nic24, PK21, PZ20, Pra20, Sch23, ŠH21b, TFT20, Van24b, WWJ20, WYF⁺20, WYQ21, WHM23, WZX24, XWT20, XLYS20, YBW24, YYS⁺21, ZXL20].

number-constrained [fLLV20]. **numbers** [ACLS20, ACOM21, CK23a, CV21, DBV23, ES20, Gal21, Guo22, KNiO23, LS24a, WWY23]. **Numerator** [Bur20, Bur21].

Numerical [CKLN23, DK21, GWW21, GW22, PS23b, AHK23, AMS24, BDK21, BM23, BdPS21, BJ23, BP21b, BP23b, Bhu24, CCH⁺21, CHSW22, CDM20, CDM21, COB22a, CN21a, CN22, Cos20a, Cos22, CLY22, DA23, Dru24, GW20, Gau24, KS20a, KZ24b, 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, MSTH24]. **October** [Ano20-60, Ano20-72, Ano21-55, Ano21-57, Ano22-63, Ano22-70, Ano23-69, Ano24-65, Ano24-66, Ano23-72]. **Odd** [BBNS22, LG21a, MLZ24, ZL23c].

Odd-quadratic [BBNS22]. **ODEs** [BM24, BCOvdD22, BCOvdD23]. **Off** [MRZ20, BL24, CD24, DL22, TJ21].

Off-diagonal [MRZ20, BL24, CD24, TJ21]. **off-grid** [DL22]. **on-** [DL22]. **One** [CKOS23, Alf20a, BR20b, BFPS21, CJ20, CAJ21, CDPR23, CMT21, DH21, FKMM21, GJV20, GMSG22, GMSG24, JMP21b, KAGH24, KKM22b, KMNP20, LWW22, LTYZ23, LWH21, Ran23, SB24, 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, GW24b, GtHJR24, JN22,

JLM20a, JLM20b, KZ24a, LS20a, MA24, MS22, MS24b, Nie24, PV21a, SS23a, Shi20a, SZ20, ZTX24]. **Operators** [AGK⁺21, BKR⁺20, ĆD20, ĆD23b, TT21, AM23b, AHK23, AdF20, Aou24, ACM20, AG15, AG20, BDSS21, BP23a, BKPS23, Bhu24, BFPS21, BKS⁺21, Bot21, BKLT23, CFSiT20, COB22a, CER⁺23, CLY22, DP23, DH21, Dru24, EJL20, FPR20, Fek20, FG23a, GGGD23, GWW21, GS22, GS23b, Gye23, HP23b, JJS20a, JKX20, JLM20a, JLM20b, KK20a, Kar24, KS24a, KS23c, Mag22, MS21, MP20a, Min21, 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, PY24, ANAS20, BSC23, FRS21, LM22b, MSZ23, SC20a, Ste21b, WW20]. **Optimization** [GSS24a, GLS22, KKM22a, Onn21]. **Optimized** [HLW23, RW21b]. **Optimizing** [PS22]. **optimum** [TFT20]. **Orbit** [LCH23, CL21, HMS21, Paw24]. **Orbit-injective** [LCH23]. **orbits** [BL20, Cha24, GLT21, KL21a, Poo20, SZ21, SZ22a]. **Order** [EE23, BDNO20, BW21, BCOvdD22, BCOvdD23, BGSC24, CT23, CGP24, CLL20, CLT2, 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, HKK24, HBHZ24, RRL⁺24, Sta23b, ZXZW23]. **Orthant** [PSZ21]. **Orthogonal** [LOŠ22, AP20, Ais24, BCP24, CG23, CFR23, CS20, FR21, FG23b, FK21, GIJM22, HWK21, KLS23, LM24, MA22, MC21a, MT23, Mor22, dSP24b, Pet21, Sta21, Sta24, TL21, VS21].

Orthogonality [Pan20, RSS21, AGK⁺21, CPTP21, Ham22, SMP24, Wój22a]. **orthogonally** [HJBKR24]. **Orthonormal** [Mag22]. **oscillating** [Kar24]. **oscillatory** [ZM21]. **other** [Kin21, RDFM23]. **outliers** [BG24]. **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, Ano21-55, 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, Ano24-47, Ano24-59, Ano24-64, Ano24-52, Ano24-56, Ano24-62, Ano24-58, Ano24-63, Ano24-51, Ano24-53, Ano24-54, Ano24-60, Ano24-49, Ano24-55, Ano24-57, Ano24-61, Ano24-50, Ano24-48, Ano24-65, Ano24-66, Ano24-67]. **pair** [ACF⁺24, ADGK21, Bos24, CK24b, TJ21].

pairing [KW20]. **pairings** [BCP22]. **Pairs** [BFPS21, GMP22, BCC⁺24, BKS15, BKSP23, KLSP24, Lee22, Mag22, Pan24, dSP24c, PM23, SZ20, TT21, TZ23]. **pairwise** [FP24]. **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, DP24]. **parametric** [LP22]. **parametrization** [GTW23]. **Pareto** [BS20c]. **Parlett** [WW20]. **Parseval** [KAPS20, AKPS19]. **part** [BBNS22, Buc20, SMM24]. **Partial** [vdMvSW24, AR21, DHH⁺20, FG23a, Li22, YWF21]. **partition** [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, Mlo22, dSP20a, Ste21a]. **path-connected** [dSP20a]. **paths** [AGNN20, KSY21, SD21c, YY21, ZYZ24, ZZZ24]. **pattern** [BES21, BBC⁺22b, GHL⁺24, JWZ22]. **patterns** [BCOvdD22, BCOvdD23, BHW24, Cav21, CS20, Das22, RX21, SM23, Shi20b]. **PCA** [NNS20]. **Peled** [CLwW22]. **Pell** [ACOM21]. **pencil** [Bar20, DYT22, DS24, Fra22, MP21, NN24b, vdMvSW24]. **pencils** [ADGK21, AK20, AHV20, BDRS20, BR20a, BR20b, DN23, FKK⁺21b, KP23b, NV23a, Sch24, DD23b, ZMP23]. **pendant** [CB21, WWJ20, XWT20]. **pendent** [BP20, Cia20a]. **Penrose** [BF24c, FG23a, PŠ23a]. **pentadiagonal** [Los21b]. **pentagon** [GLZ21]. **perceptrons** [DD23a]. **Perfect** [AHM20, ASG22, CW22, GL20b, KS22c, ZF24, BC24b, 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** [RA24, Bar21b, CW20, dC21]. **permit** [JWZ22]. **permutation** [DF20a, DD20, Djo23, MT23]. **permutations** [OSC20]. **permutative** [MA22]. **permuted** [ES23]. **perplexic** [AdlCPS20, dICS21]. **Perron** [ACT24, 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, DP24, EL20, WMCQ23]. **Phase-isometries** [IOT21]. **Phase-Rank** [ZRQK22]. **phases** [CDD21, WCKQ20, WMCQ23]. **physical** [FM22a]. **physics** [MKOC24]. **PI** [BDV24, FK23, GKK⁺20]. **PI-algebras** [BDV24]. **PI-eigenfunctions** [GKK⁺20]. **Piecewise** [CDT24, ABCH23]. **pivot** [BW24, KH24, 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** [ER24, Jon21, MP24, ONW24, SIW22, WFSS20]. **Podle** [Sol20]. **point** [AJNS24, BS20e, BGT24, BDF23,

BM22, CVV21, FKM24, MPS22, RW21a, Win21, Zem22]. **points** [AG24, CCK21a, Chr24a, LPS23, Lim22b, Mañ22, PS24b, ŠH21b, Shi22]. **Poisson** [BE20, KK23a, KK23b]. **polar** [Bhu24, CGP21, CG23, Pat20]. **Polarization** [BC23]. **Pole** [SV21]. **poles** [GtHJR24]. **pollution** [LS24a]. **Polya** [GS20b]. **polygonal** [CHSW22]. **Polyhedral** [May21]. **Polynomial** [Cav21, CLS23, CO24, DKN24, KS20a, dMdSS23, ABH⁺24, 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, DGL24, DB23, DDD24, DN20, DN23, DMQV24, DvDW23, Fio20, FM20b, FG23b, GA22, GTW23, GW24a, GSV24, GM24, GFD21, HHS20a, HHS21, JL22, JK24, Kad20, Lee20, LHK20, Loe23, LMR21, MPR22, MZ24, MP22, MMW21, Mur22, NV23a, Oli21, PS24a, Pet21, PZ20, RB22, SW21, SW23, TV21, Vit21, WZL21, XJLL23, YY21, YLZH21, dMdSS23]. **polystochastic** [CW20]. **polytope** [CC22a, Yu20, vED22]. **polytopes** [CCK21a, DJ22]. **Poon** [Lin24]. **poset** [CMR20, SS24a]. **posets** [CCKM22]. **posinormal** [BKLT23]. **positional** [PV22]. **Positive** [BFMM23, FP24, NN24b, AKN23, ANBK22, AL21, AL24, Bar21b, BCE21, BSC23, BHMU20, BKT23, BL24, BKR⁺20, BS20g, BLS20, CRR20, CD24, CZ22c, CDPR23, CIM22, DY24, Fek20, FOR22, FM20b, GW24a, GT21, GD20, Gye23, HJBKR24, Har22, IB22, JJLS23, JS22, Kol21, KAGH24, LV22a, Le22, LWW22, Lim21, LWH21, MMV21, Min22, MS24b, NXS23, Nis24, Ram23, Ran23, SM23, Sim21, Sło20, Sło21a, Sra21, Tan23, TW22, Tom23, ZFZ20]. **positive-definite** [CIM22]. **Positively** [LR21]. **Positivity** [GPR20, PWW23, AC21, BJ23, BGOO21, Das22, DKN24, FJS17, FJS21, JWZ22, MMW22, tHvdM21]. **Positivstellensatz** [SS22]. **possible** [FKM24]. **post** [BE20]. **post-Lie** [BE20]. **Potent** [GK22a]. **potential** [CIM22]. **potentially** [Cav21]. **Power** [Dom20, HJ24, BM24, CvDB23, CLS23, CIM22, DA23, DF20c, HVX23, KS24a, LL21a, MS21, Ost23, RRvW24, SSvW20, Zha23]. **Powers** [FFSW23, BBCK24, DD23a, FJS17, FJS21, FISW21, GW20, KCPMNS21, LL24a, MST24a]. **preclude** [RW24]. **preconditioner** [dAdCG⁺21]. **preconditioners** [GO24]. **preconditioning** [OPA23]. **prediction** [BBW20]. **Preface** [AHKT21, DKM⁺21, GQdSPŠ24]. **prescribed** [APNP⁺21, AGV20, BPZ21, CCU21, CDG21, DGL24, LQ21, ZXL20]. **presentations** [BR21]. **preservation** [SMP24]. **preserve** [CP22]. **preserver** [Gye23, Tom23]. **Preservers** [DHH⁺20, PR22b, Poo20, GK22a, GSS24b, GS24, Ham22, LMW21, QSH22]. **Preserving** [GA21, AGK⁺21, BMM24, CL24, CLL24, Cos20a, Cos20b, Cos21, Cos24, GTW23, GJV20, GJKM21, GMP22, GS23b, HP23b, HH23b, KFS21, KLSP24, LL24a, LTWW23, Loe23, MPRS21, Pan20, Pan22, Ruž21, Sch24, SMM24]. **prevalent** [MST24b]. **prime** [BFO23, CLS23, GM24, HS23a, Kli20b, LS20b, LP21, SK21a]. **primitive** [HW21a]. **primitivity** [AKL⁺21]. **principal** [BW24, BJ20a, BLR21, Cha24, CTS23, FMR20, GQZ20, LHH22, PTD22, Zha24b]. **principle** [CZ20a, FP20, ZX20]. **principles** [LWZL23, LL24b]. **probabilistic** [CMS21, LM22b]. **probabilities** [PSZ21]. **problem** [ACF⁺24, AdLN23, AAMR20, AC22, BGS22, Beh21, BCC⁺24, CJ24, CD23a, CO24,

EAHS21, FM22a, FHLS22, FQ20, FKKM22, FKM24, GA22, GR22, GS20b, Gye23, Hal20, Har22, JS20, JCD24, KS24b, KKM22a, Kim22, Kis22, KS20b, KP22, Kov20, LDZ21, LOŠ21a, LOŠ23, MS24a, MvWC23, MS20a, NYW22, dSP20b, dSP24c, PWW23, Pol20, QCCS21, Row20, SS21c, SZ22a, Ste21a, Tom23, WES21, Wan24, XX20, XL24, Zal22, ZWF20, ZX20, dBS20, dC21]. **problems** [APLN⁺23, BLMT21, Boj21, BDFF23, CRR20, CEM21, CKLL20, Des24, DMQD20, EN22, GK20, fLLV20, MMW21, MG21, MC21b, Ngo24, PSAPNV20, PLT23, PS22, SL20a, SLTW22, VD22, WCS20, YGW20, ZMP23, ZKLS20]. **procedure** [MS20b]. **Proceedings** [GQdSPŠ24]. **processes** [EGJP21, GZ20a]. **Procrustes** [BGS22, CRR20, Min22]. **product** [AEGV21, AdlC20, BB22, BJ20a, BKS⁺21, BKR⁺20, Cha24, CW23b, CS20, DYB20, Fek20, FKKM21, GT23, GFW24, HY20, HP23b, HKM20, Kak20, KLL22, KMNP20, KMNP24, LH20, MQW20, Mil24, PS20, dSP23b, PS24b, Ran22, Ste21b, TT24, Yos21]. **production** [EHS22]. **Products** [BTTT24, GT21, dSP24a, dSP24b, AL23b, AOCM20, BC21, BDHS22, BDHS23b, BKLT23, BNS22, DGET21, FJS17, FJS21, GJV20, Gow20, HW20, HLZ17, Hou20, Jai21, KT21, Kye23, QSH22]. **programming** [Ans21, Hla24, 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, SD21d, SD21c, XZ23, BD21a, CZ22c, EN24, GAMA20, KW20, SW21, SL20b, WZ23a]. **Proofs** [KK20b, AS23]. **Proper** [KZ23]. **Properties** [DO22, QSH22, AJM24, ACM22, ACOM21, BC22, BV24, BDGY21, CLRT22, CJMP22, CZ22c, CF24, CESS21, DFS23, Dra23, FHLS22, FOR22, GA21, GK21, GPR20, HS23b, JJS20a, KSB24, KLL22, LZ21a, LY24, Men22, Miy24, MS24b, MPRS21, Tar20, TD22, WSW20, YZY24, ZC23, MZZ24]. **Property** [CN20a, ACF⁺24, AG21, Bai24, BS21a, Ban22, BP21a, BMP24, BW22, CK24b, Cra21, CMR21, CS20, Dra22, FG23b, GOUY23, LOS20, MC21b, MRT20, Pik23, Ruž21, Sat21]. **proximal** [HNS21]. **Pseudo** [BMS21, DP23, AdlCPS20, ACLS20, Bol21, DG20, HS20, PŠ23a, XBSF23, dHH23]. **pseudo-embeddings** [DG20]. **pseudo-inverse** [Bol21]. **pseudo-inversion** [PŠ23a]. **pseudo-involution** [HS20]. **pseudo-Jacobi** [XBSF23]. **Pseudo-ovals** [BMS21]. **pseudo-spectral** [ACLS20]. **pseudo-unitary** [AdlCPS20]. **pseudoskeleton** [Ham23]. **Pseudospectra** [Ost23, LS24a, RKBA21]. **Publisher** [Ano24-68, Ano24-69]. **Q** [NdLO21]. **Q-integral** [NdLO21]. **QLP** [WX20]. **quadrangle** [DG20]. **Quadratic** [CN24, Mlo22, dBS20, BBNS22, BRL23, BLMT21, BCS24, BTTT24, CHHS20, GA22, GTV24, Ger20, GCOP24, Har22, HLS21a, Hla24, Hua22, IdSSV21, Mel23, MZ22, NYW22, dSP22, dSP23b, dSP24c, RB22, Uch21, ZMP23]. **Quadrature** [JK24, BF21, Sch23]. **quadrics** [BMS21]. **quadrinomials** [SZZ24]. **Quantitative** [FGPW24, OW23, hB21]. **Quantitatively** [AL21, AL24]. **quantities** [CMM20]. **quantization** [AP23, FISW21]. **Quantum** [CGJvB22, LL21a, AHM20, AGKS23, AFS⁺23, CJMP22, CDS21, CFKO21, CKOS23, FP23, Gan23, God21, JS22, KS22a, KIS21, KMNP20, KMNP24, KSY21, Kub23,

Li20a, LIW20, LCH23, MPR24, MKOC24, OSC20, PY24, 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, Lin24, Roc24]. **questions** [GAM20]. **quiver** [ABHR22]. **quivers** [GLNW24]. **quotient** [PS22]. **quotients** [MS20a, Zak21].

Racah [CFR23]. **radical** [FMS21]. **radii** [AHK23, BS24c, CMS21, KZ24a, LZ21b, OM20, SD21c, SC23, XW21, YD21, ZLG20]. **radius** [AOA23, ASS21, AIK⁺24, AC20a, AMS24, 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, KZ24b, 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, ZF24, ZHG21, ZHW21, ZL23b, ZKLS20, ZWL20b, ZBWL20, ZvD21, NQ24]. **Rado** [Adr22]. **rainbow** [GLMM23]. **Randic** [AA21, HBHZ24]. **Random**

[CEJM24, 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, LR24, MN24, OPA23, SLTW22, TNL24]. **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, BS24a, BDRS20, BR20a, Bar20, BZZ22, BdPS21, BBT24, BF24b, BT20b, Bud24, BF24c, BGLR22, CXZ22, CG22, CJ20, CAJ21, CMT21, Com21, CST21, CFR23, DB23, DDD24, DP24, 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, ORS24, PPŻ21, PPŻ23, PW21, Rod21, Rub22, Rup24, 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, AL24, ADMZ21, DMQD20, GtHJR24, KW20, LPS23, NV23b, PQ22, Rub21, Var21, AV23]. **Rationality** [BNS22]. **ratios** [Nic20]. **Rayleigh** [PS22]. **rays** [Yu20]. **reachability** [Sch22]. **Real** [GW24a, Moh22, RT21, Wei22, AMO24, AL21, AL24, AdlC20, Bib22, BS24c, DJ23,

EL20, GTV24, HVX23, IKLP20, Kol21, LNN⁺20]. **realising** [KŠ22b]. **Reality** [Bla20]. **Reality-based** [Bla20]. **realizability** [JJS20b, JS20, JMPS21]. **realizable** [AMS21, MM21, MM24]. **realization** [AL23b, FM22a, Rub21]. **realizations** [AV23]. **Reciprocal** [KSB24, BP21a, BMP24, FJ24, MT21b]. **reciprocity** [KNiO23]. **Reconstruction** [SB24, ZW20, CO24, Sar21]. **Recovering** [StW22]. **recovery** [AMM24, CW21, CZ20b, HMPT20, KS20b, KKM22b, LM22b]. **rectangular** [Kop20, MMV21]. **recurrence** [PWW23]. **recursive** [Var21, ZZZ24]. **reduced** [Ayd23, BMM24]. **reducibility** [MORŠ21]. **reducing** [CR23]. **Reduction** [WES21, BR23a, CB21, KSSW20, LH21, MS20b, SS22, WXL24, XJLL23]. **Rees** [CDG22b]. **Refined** [BDK21, BR22]. **refinement** [KZ24b]. **reflection** [RS21a]. **reflexive** [BK22]. **regarding** [ACG⁺21]. **region** [CAJ21, KK20b, KŠ22b, NN24b]. **regions** [KK22a]. **regression** [Ais24, CI21, GQZ20]. **Regular** [BFF⁺23b, AG21, AFSS20, AdF20, BDRS20, BR20a, Bar20, BCD⁺24, CT24, CCO23, DF20a, DYT22, DS24, FS20, GA22, GK22b, GSV24, HO20, IKPR20, KGY23, 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, GM24, JLL20b, Jia24, Kli20b, LMW21, Li22, Mar21, MvWZ24, MMW21, MS24b, PV21a, Shi21a, Shi22, Sra21, Van24a, ZZZ24]. **Relation** [ZXZW23, CIM22, GMR22, WJLW24, WWY23, XTLK23]. **Relations** [Sta23b, WFL20, ACSS22, Arl20, CMM22, GJKM21, Lim21, Nag23, SL21]. **relationship** [TFT20]. **Relative** [BLMT21, MBV24, Shi21a]. **relatively** [Kus23]. **relaxation** [BHD⁺21]. **Rellich** [BN23]. **remark** [Bar21b, KS24a, Shi20b]. **Remarks** [Tei22]. **removal** [JST21]. **Rényi** [DF20c, MBV24, Shi21a]. **repeated** [JMP21b]. **repelling** [Est20]. **replacement** [BT24]. **representation** [Ago24, Bla20, CN22, PV22, SC20a, SW21]. **Representations** [AG15, AG20, CFR23, Jia24, 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]. **restart** [TNL24]. **Restricted** [NXS23, BD21b, CHSW22, EFY24, Hla24, MMA22, PGST23, Poo20, Sat21]. **result** [LLSV21, vRRvS24]. **Results** [FJS21, BS20c, BEFSC22, DYLL23, Fra20, Iop20, LJSZ23, Nie24, OW23, SPMSC24, Sch23, WHL24, FJS17]. **retraction** [GSS24a]. **retrieval** [BFO23, EL20, StW22]. **revealing** [SG20, Ste21b]. **Reverse** [Pre20, BCP24]. **Reversibility** [GL22b]. **Reversible** [BG20]. **revisited** [CCO23, FKRvS24, 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** [Slo21a, AK23, Bur20, Bur21, CCP22, CCS22, CCKM22, Cob22b, Coh20, He20, KNiO23, LMR21, MMW22, Pet21, SS24a, Slo20, Slo21b, SS23c, YY21, YY23, ZZ20, ZZJ23]. **Ritz** [RW21a]. **robust** [KCML20]. **robustness** [KKM22b]. **Roe** [MT21a]. **role** [AFSS20, DN20]. **Roos** [De 20]. **Root** [DN20, NV23b, ACT24, CA22, LHK20, NV23a, SZ21, SZ22a, TV21]. **rooted** [Cia22, DR20]. **Roots** [BHMU20, DGL23a, ES23, GvRR⁺21b, Jon21, MZ22, dSP20a, PZ20, TV21, vRvSTT21]. **Rosenbrock** [DMQV24]. **Rota** [MDH23]. **rotational** [NNSS20]. **Rotfel'd** [MJ24]. **Rouché** [BES24b]. **Rovnyak** [GHLP24]. **Row** [RC23, ES23]. **row-permuted** [ES23]. **rows** [KS23a]. **Ruelle** [Mor20]. **rule** [NWW20]. **Ruling** [JMP21b]. **Runge** [GO24].

Sachs [CC22b]. **saddle** [BGT24, BDFF23]. **saddle-point** [BGT24]. **Salem** [RT23]. **same** [BDK⁺24, CDG22a, MR21a]. **Sampling** [FR21, AMM24, CEF⁺22, MB20]. **satisfying** [BKS⁺21, DA23, Ime23, MvWZ24]. **Saturated** [cRLY20]. **Scaffolds** [Mar21, LTTW22]. **scalable** [CDT24]. **scalar** [BKS⁺21]. **scale** [BW21, BF24b, CHHS20]. **scaling** [FRS21, LT24, MS22]. **Scattered** [CLZ22, BCM21, PS24b, SZZ24]. **Schatten** [Bot21, CI21, LHZ21]. **Schatten-** [LHZ21]. **scheme** [AHM20, KCML20, LIW20, SS20]. **schemes** [ABCH23, BMS21, LTTW22, XTLK23]. **Schmidt** [Aou24, CLRT22, Min22, Zam23]. **Schröder** [YZY24]. **Schrödinger** [CW23a, CW23b, KS23c]. **Schur** [AV23, AC24, BJ20b, BS22, Chr24b, CMM22, Dev22, FKM20, Gow20, Skr20, Skr24, TT21]. **Schwarz** [XX20]. **Secant** [KMZ20]. **second** [ABG20, BW21, BCOvdD22, BCOvdD23, CLM20, LWB20, LH21, MC21b, WQP23, XLS20, YK21]. **second-order** [BW21, MC21b]. **secret** [KCML20]. **sections** [LS24a]. **sector** [Dru24, FLT20]. **sectorial** [AS20b, Ala21, MJ24, WMCQ23]. **Sedentary** [God21]. **segments** [LZ20]. **Seidel** [ACG⁺21, BWW21, EN24, GKLZ20, LWB24]. **select** [CRSY22, KHU23]. **selection** [Shi21b]. **self** [AC21, CCK21b, DH21, ES20, IMT20, MMP21, PPZ21, Pan22, PPZ23, SZ22a, SZ20]. **self-adjoint** [DH21, PPZ21, Pan22, PPZ23, 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, dSP24d, 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, GW24a, GNR20, HMPT20, MMN22, NXS23, NN24b, PLT23, Tan23]. **semifields** [LS22]. **semigroups** [AG15, AG20, BS20d, CFKO21, PSW23]. **semimonotone** [CD23a, CD24]. **Seminorm** [MXZ20, Skr24, 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, Ano24-67]. **Sequence** [AK23, CIMV24, PSRS20]. **Sequences** [AOA23, BGSC24, CER⁺23, FKM20, He20, PWW23, PW19, PW20, SSC24, VS21, VS23]. **Sergeichuk** [SZ22a]. **serial** [KH24]. **series** [BM24, Bur21, Dom20, Jia24, Zha23]. **Sesqui** [KGY23]. **Sesqui-regular** [KGY23]. **set** [BPZ21, CRR20, Cia20b, FPR20, FKM24, GW24b, HJ24, LHK20, LOŠ23, ZTX24]. **Sets** [HHS20a, CP20, CLZ22, CAEH⁺22, ES20, GSV24, GZ20b, HHS21, HJBKR24, HW21a, LNP21, MM21, MM24, MMP21, MRT20, ONW24, Pat20, RW21a, RW22, YLCB21]. **setting** [FP20, JST21]. **several** [CGP24, DF22, HT24a, 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, CGP24, CN21b, CKLN23, CKLL20, EJL20]. **shifts** [HJ24, JJLS23, Pik23]. **short** [CWZ22, EN24, SW21, SL20b]. **shortest** [Ste21a]. **Shorting** [Arl20]. **sided** [BB22, KLL22, ONW24, Skr24, WW20]. **sides** [Hal20]. **Sidon** [ZT23]. **sigma** [FISW21]. **Sign** [BD21b, CS20, Das22, RX21, SM23, AG21, BN23, BCovdD22, BCovdD23, BBC⁺22b, BS24c, GH⁺24, JWZ22, KK22b, OQ22, Shi20b]. **sign-real** [BS24c]. **Sign-restricted** [BD21b]. **signatures** [BCP22]. **Signed** [AAM24, ADvdH21, ADvdH23, DYLY24, HSS⁺21, KP23a, RS21b, AAH⁺22, AFG⁺21, AHLvdH21, CH21, CG22, CvDB23, CCK21b, DD20, HT23, LW20a, LW21d, MMN22, MT23, OJQ20, SZ21, Sta23b, SLL22, WH20, WYQ21, WLL23, WHL24, Wan24, WLT22]. **Signless** [CWZ22, GH24, ZWL20a, AdL21, CLZ20, HLS21b, KLR22, LWB20, LQL21, LLWW23, LHH22, MK23, MT21b, Obo22, SSS21, VTBC20, XW21, XZ24, ZXL20, ZHG21, ZWL20b]. **similar** [DBV23]. **similarities** [MMP21]. **similarity** [AdlCPS20, AR21, CN21b, JKX20, TBH20]. **Simple** [GG21, TCB24, dICS21, Eld22, IIM⁺21, KLLS22, MRZ22]. **simplex** [PSZ21]. **simplices** [FS20, Dev22]. **simplicial** [KMZ20, Kni20, KL21c]. **Simplifying** [Zhe20]. **simultaneous** [Ost23, RZ24, Her20]. **Single** [LY20, Bos24, CLY22, HH23a]. **single-pair** [Bos24]. **Single-pass** [LY20]. **Singular** [Djo21, BF24c, CV21, CJ20, CAJ21, CK23b, Cos21, DV24, DN23, FISW21, Fra22, JK24, KL23, KK22b, KP22, KN20, LS20b, LHK20, LH21, Loe21, MHM24, MQW20, Nay23, Van24b, VCR21, ZS22b]. **singularity** [AHV20, GMP22]. **Sinkhorn** [CN20b]. **SISO** [WES21]. **Six** [CdGS12, CdGS20]. **Six-dimensional** [CdGS12, CdGS20]. **size** [BMR23, BG24, BDK⁺24, CT23, CDG22a, FY23, FPR20, FW22, HLS22, JLW22, LTYZ23, LW24, MP23a, MLH22, Nar23, Rob20, SWW21, ZG22]. **skeleton** [KLR22, dHH23]. **skew** [BHBO21, BDHS23a, Com21, DDD24, Du23, DGS21b, EGV20, GS21a, HBHZ24, KT21, LR23, MP22, PS20, dSP24d, 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-selfadjoint** [dSP24d]. **skew-symmetric** [Com21, DDD24, DGS21b, EGV20, GS21a, KT21, Pri22, Uru22]. **SKT** [BF24a]. **slice** [AdF20, AY23, GSV24]. **slowly** [Kar24]. **small** [AMO24, Alt22, BMR23, HW21b, PSRS20, Rup24]. **smallest** [Csi22, KGY23, KN20, LW21a, Loe21, LLL22, Obo22, Ran23,

SWW21, WWT20, ZLG20]. **Smirnov** [AOCM20]. **Smith** [BS20e, HXZ24, MP23b, Wan21, Wan23]. **Smooth** [Lim22b, BS21a, Lub22, MP20a]. **Smoothed** [NGK23]. **smoothers** [HLW23]. **SNIEP** [MM21, MP23a, MM24]. **Sobolev** [MZ24]. **solution** [MvWC23, ONW24, PS23b]. **Solutions** [GvRR⁺23, BM24, BS21b, Djo23, DL23, EJ23, FKM24, KST22, WvdVvdH24]. **solvability** [Hla24, MP20b]. **solvable** [CNO23, LNN⁺20, LS20b, ORS24]. **solve** [VD22]. **Solving** [EN22, MPS24, ABCH23, BF21, HLW23, fLLV20, SDTR23]. **Some** [AGH20, ABR⁺22, Chr24a, Fra20, GK21, Gow20, HVX23, Iop20, KUZ22, Kus23, LHFL20, LH20, MHM24, Miy24, Naj20, Slo20, Slo21a, WG20b, AMO24, AAMR20, APNP⁺21, BSS23, BD21a, BP23a, BdPS21, BO23, BDI20, Bri22, CNO23, CEJM21, Ces20, COB22a, GLLZ20, GAM20, GPR20, HJ24, Ime23, JLL20b, KZPH22, Li22, Lin24, Los21b, Mar24a, MS24b, OP21, PZ20, Shi20a, TLC20, TWW20, WSW20, ZJCA20, ZC23]. **source** [AMM24]. **space** [AHV20, BS21a, Ban22, BKPS23, BKS⁺21, CFSiT20, CGP21, DN23, FG23a, FP22, GTV24, HT24a, HMPT20, LR23, Mań22, OM20, dSP20a, SS23a, SIW22, ZW21, hB21, vRRvS24]. **spaces** [ANAS20, ABHR22, BFMS21, BDI20, BKR⁺20, CG23, CG20, CLL24, ĆD20, ĆD23b, DP23, Djo21, FPR20, Fek20, Fra22, GKS21, GHLP24, HN24, IKLP20, IOT21, JN22, KS24a, 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]. **spatially** [AMM24]. **SPD** [TP23]. **Specht** [Che22, CK24b]. **Special** [BERS24, DP23, GM24, GPR20, Mil24,

Mor22, TLC20, AHKT21]. **specified** [AK20]. **Spectra** [BBC⁺22a, CCPKP20, DF20a, DH21, JLL20a, 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, GO24, 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, AC24, AC20a, AEGL21, APLN⁺23, BGGA22, BC22, BHHP21, BM24, BDGY21, BR22, BCG24, BKPS23, BG24, BEFSC22, Bui22, BS24c, Ces20, CGP24, CLZ20, CWZ22, CLM22, CWYZ23, CWBB23, CT24, CMS21, CZ20b, CDG21, CDG22a, DYB20, DPR20, DW21, Ere21, FY23, FLRS20, FW22, FS23, GS21a, GA21, GMR21, GM23, GLHNW20, GK21, GW24b, GZ20b, GLZ21, HLH23, HBHZ24, HLS21b, HLS22, JGW24, JZZ24, JT24, KT21, KLLW21, KP23a, KPP21, LC20, LMW21, LQ21, LW21b, LY23, LJSZ23, LY24, LZ20, LOS20, LG21a, LZZ23, LS24a, LLX23, LS24c]. **spectral** [LZ21b, LLA23, MK23, MSZ21, MT21b, MLZ24, MLH22, MR21b, O.22, OPPS22, PK21, QJMW23, QQM24, Ram23, ST20, SWW21, Sim20, Sim21, Sta20b, Ste21a, SD20, SD21c, SC23, WSW20, WG20b, WCF21, WS22, WZ23a, XW21, XHW23, XL24, YBW24, YD21, ZXL20, ZWF20, ZW20, ZLG20, ZZ21, ZG22, ZvD23, ZWW23, ZF24, ZHG21, ZHW21, ZL23b, ZKLS20, ZWL20b, ZWL20a, ZBWL20, hB21]. **spectrally** [ANAS20, BSZ24]. **Spectrum** [KK22c, AGNN20, Ban21, BCFT21, CHT20, CGP22, Coo21, Cos24, DR20, Fio20, FB21, GH24, HP22, LQL21, LLSV21, MPS22,

Mar24a, QWW21, SSP22, Sta23a, Sta23b, XY20c, YW22, ZK21, Zem22, ZLLZ22, Zhe20]. **spheres** [CVV21, LR23, Sol20]. **Spherical** [HW21b, Alf20a, BNS22, Est23]. **spillover** [ADGK21]. **spin** [AD20a, AD20b, FHMP21, FHMP22]. **splines** [BGOO21]. **split** [SSS21]. **splittable** [HB24]. **splitting** [Ayd23]. **spread** [BEHK22, BCE⁺23, Bib22, CL21, LMG20, LLW23, MSZ21, Obo24b]. **spring** [UZ21, VS20]. **Square** [MSX22, vRvSTT21, Bar20, CP23, CGMP23, Ghi20, dSP24d, VS20]. **square-integer** [VS20]. **square-zero** [dSP24d]. **squares** [Boj21, CW21, CKTP20, Hal20, Kor21, KS23b, LV22b, Lyu20, SLTW22, SC20a]. **SR** [GSS24a]. **Stability** [BCOvdD22, CT24, GOUY23, SW23, AMO24, AEGL21, BCR⁺23, BBCK24, CW21, CLRT22, Cav21, KP21, LLSV21, Zha24b, LS24a]. **stabilizing** [GG21]. **Stable** [Com21, ADvdH21, BBCK24, Cav21, CHY20, Kus23, TV21]. **stage** [GO24]. **staggered** [KIS21]. **Standard** [KLR22]. **star** [ARS24, CDM20, CDG22b, DLL23, DHH⁺20, SS21c, GKK⁺20, KKS21]. **star-center** [CDM20]. **star-clique** [DLL23]. **starlike** [Sta23a]. **State** [NPR22, AHM20, ASG22, CW22, GL20b, KS22c]. **states** [CJMP22, CN20a, HX24, KMNP20, KMNP24, KS22c, SS22]. **static** [GS21b, ZK21]. **status** [JST21]. **Steiner** [AS22]. **step** [BDV21, LM22a, WCS20]. **steps** [CN20b]. **Stiefel** [GSS24a]. **Stieltjes** [Kov20, YGW20]. **Stirling** [KNiO23]. **Stochastic** [KŠ22b, AKL⁺21, BC21, BC24a, CZ20b, Djo23, GK20, HT22, KK20b, KK22a, MvWC23, Pra20]. **Storage** [CLLK21]. **straight** [HLS24]. **Strassen** [Rup24]. **strategies** [KH24]. **strength** [HXLL21, RC23]. **strengthenings** [ELW24]. **strict** [DD23b]. **Strictly** [AJM24]. **string** [YGW20]. **Strong** [ARS24, Hla24, ACF⁺24, AGK⁺21, BMP24, BHD⁺21, CS20, FHLS22, GS21c, GS23b, LOS20, Wój22b, SPMSC24]. **stronger** [Nay23]. **Strongly** [AEGV21, CCO23, BCD⁺24, GK22b]. **strongly-regular** [GK22b]. **Structural** [AJM24]. **Structure** [Bou24, CPTP21, Ham22, XZ21, Bar22, BGT24, BS21b, Bri22, BF24c, CCU21, EJ23, FKMM21, GTW23, GFW24, HA24, JJS20b, KT21, KFS21, Lew21, LP21, LR24, Ran22, SMM24]. **structure-preserving** [GTW23, KFS21, SMM24]. **Structured** [AK20, DL22, SK21a, ADGK21, BCC⁺24, BEFSC22, Cos21, FGM21, GA21, HJBKR24, Kov21, KFS21, LHK20, dSP20b, PS22, RS21a]. **structures** [Ayd23, BDK⁺24, BE20, DLL23, GA22, KK23a, KK23b, Pat20, Tar20, VV22]. **study** [hLqJ21, MHM24, Sim20]. **sub** [GHL24]. **sub-Bergman** [GHL24]. **subalgebra** [PGST23]. **subalgebras** [BFLT23, MRZ20, MRZ22, MvWZ24, Mig21]. **subclass** [SNK22]. **subclasses** [Kia24]. **subcubic** [WH20]. **subgraph** [BD21a, FY23]. **subgraphs** [CvDB23, LW24]. **subgroup** [BL23]. **subgroups** [Cha24, DHR20, HWK21, VZ20, Zal24]. **subject** [DPR20, OW23, SDS21]. **submajorization** [BMS20]. **submatrices** [BJ20a, BLR21, CKM20, HW21a, RW21a]. **submonoids** [Got20]. **subnormal** [Kim22]. **subproblems** [NN24b]. **subrings** [AM23a]. **subsampling** [ZL23a]. **subset** [Shi21b]. **subsets** [BMR23, Cos24, GMP22, Wer22]. **subshift** [CA22]. **Subspace** [AS20a, AD20a, AD20b, DV24, Ime23, Kin21, LR24, MG24, ZT23]. **subspaces** [BCM21, CGP21, DV24, FIJM24, GGGD23, GNP22, KK20a, LP22, MAG21, Pan24, Pol20, RZ24, Rub22, SS21a, Van24b, WW20, Wój22b, XJLL23, Yos21]. **substochastic** [CC22a, JLL20b]. **subtrees** [LBW23]. **Sufficient** [ZWL20b, BCR⁺23, ZBWL20, ZL23c].

Suleimanova [GK20]. **Sum** [LNP21, AT21, Bos24, BGLR22, Csi22, DGL23a, ES23, GLT21, GPRT20, Han22, HS23a, HD22, KS20a, KZ23, LV22b, LS23, Onn21, dSP22, dSP24c, TWD20]. **Sum-full** [LNP21]. **sum-of-squares** [LV22b]. **sum-rank** [BGLR22]. **summable** [TD22]. **Sums** [Jai21, KS23b, dSP24d, AS20a, Arl20, BM20, CWW24, FK23, FJS17, FJS21, GNP22, KL21b, Kli20a, SZ23b, dICP20]. **sun** [AdST22, SL20b]. **Superalgebras** [IdSSV21, BBNS22, CM23a, CNO23, DN24, FR24, HLS21a, Iop20, KK23a, KLLS22, ORS24]. **supercoalgebras** [KUZ22]. **supereigenvector** [SIW22]. **superinvolution** [DN24]. **superpairs** [AO22]. **superposition** [BGSC24]. **superquadratic** [Kia24]. **supervisions** [NMS20]. **supported** [AKPS19, KAPS20]. **Supporting** [dAdCG⁺21, GLNW24]. **Supports** [MRV20]. **surely** [Roc20]. **surfaces** [Pen24]. **Surjective** [CAEH⁺22, GS20b, Pan24]. **surprising** [Dax23]. **Suslin** [JR24]. **Suzuki** [CWW24]. **SVD** [DP24]. **Swift** [FP23]. **Switching** [EJS24, BBCD21, GKLZ20]. **Sylvester** [AdF20, BF21, Djo21, Lim22a, Pra20, Sas21]. **Symbol** [BDFF23, BDvW24, GtHJR24, SSC24]. **symbols** [BGSC24, BEFSC22]. **Symmetric** [BŠ23c, CP21, FR24, Kim20, O'L23, Uch23, Uru22, AFK⁺23, AD20a, AD20b, BGS22, BS24a, BMR23, Bib22, BGOO21, BR21, CEJM24, CJMP22, CN21b, CL24, Com21, CKM20, DDD24, DBV23, DJ23, DGS21b, EGV20, EJL20, 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, BHW24, FKMM21, GA22, HT24a, RW24]. **Symplectic** [Ayd23, DV24, AdlC20, BFLT23, BJ20b, EV20, GSS24a, GT21, IGW17, Jai21, JLX22, Mis20, dSP24a, dSP24b, dSP24c, ŠH21a, SZ23a, SMM24, Zal24, Zem22, dICP20, dICS21]. **system** [ABCH23, BCOvdD22, BCOvdD23, DMQV24, FGM21, Ros22]. **Systematic** [Ner20]. **systems** [AMM24, AOCM21, BH24, BPZ21, BW21, BDN24, Bri22, CMS21, Com21, DYT22, De 20, DK21, GP21, GJ23, HLW23, HMPT20, Hla24, IB22, JN22, Kak20, KHU23, LPS23, Lew21, LH21, LG21b, Mar24a, MMW21, MPS24, ONW24, Rei23, RW22, SDTR23, ŠH21b, SV21, WXL24, XJLL23, ZK21, Zem22, ZS22b]. **syzygies** [BT20b]. **Szego** [Fik20, FP21]. **T** [hLqJ21]. **T-eigenvalues** [hLqJ21]. **T**. [ACM20]. **tableaux** [KK20a]. **tables** [PP20]. **taking** [AT24]. **talented** [BS23a]. **tame** [dBS20]. **tau** [EGJP21]. **technique** [KL21b, Sim20]. **techniques** [CLY22]. **Tensor** [AY23, HK20, AAPC⁺24a, AAPC⁺24b, AOCM20, Bar22, BZZ22, Buc20, CLL24, GFW24, KKM22a, Kye23, LS22, LDZ21, Mar21, MQW20, PS24b, SDS21, XX20, ZBdAF20]. **tensors** [BBBT24, BC24b, CL24, DKN24, DYB20, DBV23, GLZ20, HLYZ21, KZPH22, hLqJ21, Miy24, MO20, Rod21, Rup24, SZH22, YLCB21]. **term** [FdCP20, PWW23]. **terms** [AAF23, AMM24, CLL20, CLT22, DW21, FLRS20, HHD20, LW21c, NWW20, NYW22, Pan24, WWT20, WWJ20, WG20a, WZX24, XWT20, ZWL20b]. **ternary** [AC20b]. **Terwilliger** [FM20a, LIW20]. **tessellable** [KIS21]. **test** [BG24]. **Testing** [Ans21]. **tetradagonal** [BFMM23]. **tetrahedrally** [De 20]. **tetrahedron** [Mor22]. **th** [CW23a, CW23b, GZZ21, GvRR⁺21b, dSP20a]. **their** [AKN23, AM23b, AGNN20, Ala21, AAM24, ADMZ21, Aou24, APLN⁺23, BDSS21, BC21, BKLT23, BHW24, BCR20, CLRT22, CD24,

CWBB23, CIM22, Coh20, CDG22a, DJ22, DN20, FLRS20, Fid22, FN23, HS23a, HS22, HN24, HVX23, IKLP20, JJS20a, KS23c, LZ21a, LL21e, Miy24, Moh22, OdFVM21, QWW21, SS21a, SB20, StW22, TFT20, WWY23, Zha21, DGdSS23]. **theorem** [AC20a, AFS⁺23, BJ20b, BKPS23, CLNY22, CN21a, CC22b, ELW24, GS20a, HR20, HKK24, HT24b, Kli20b, MNP24, Mur22, Nay23, NQ24, Pan24, PR22a, QJW20, Roy24, Shi22, Tei22, WW20, WXY24, XY20b, BES24b, CZ22a, KKO22, KKT22, LLWW23]. **theorems** [Adr22, ACSS22, AS23, DV24, GSV24, GRR22, KP23a, MT21a, Mar24a, UZ21]. **theoretic** [BHHP21, Mar21, MHM24]. **Theoretical** [Men22, KS22a]. **Theory** [MP22, NV23b, AD24, ABC⁺22, BLMT21, CLY22, Djo21, DN20, DTA23, FT23, FKK⁺21b, GCOP24, GZ20b, JS22, KS22a, KZPH22, LNN⁺20, Lin23, MMV21, PŠ23a, RT21, SNK22, SMM24, dAdCG⁺21, hB21]. **There** [MZZ24]. **Theta** [CN23b, AC22, Nag23, XL24]. **third** [GF20, hLqJ21, Vol23, ZBdAF20]. **third-order** [hLqJ21, ZBdAF20]. **Thompson** [CZ22b]. **Thorin** [GS20a]. **those** [Mel23, WFL20]. **Three** [DBV23, Alt22, CL20, DFL24, MRT20, Nar23, NdLO21, PWW23, Row20, RS21b, WLL23, WZFW23, dBS20]. **three-term** [PWW23]. **threshold** [AFSS20, FM22b, GZZ21, Tur21, VTBC20]. **thresholding** [DL22]. **tight** [DO22, FS20]. **tilting** [EGL21]. **time** [BW21, Bou24, CF24, CMS21, DK21, LV22a, Lew21, WXL24, XJLL23, Zha22]. **time-delay** [WXL24, XJLL23]. **time-limited** [BW21, DK21]. **time-varying** [Bou24]. **Tipping** [Tho22]. **Toeplitz** [PW20, BDSS21, BGSC24, BEFSC22, CCGV⁺20, CKKR23, ER24, EGV20, GtHJR24, KS24a, Los21b, Lub22, Men22, O'L23, OW23, PW19, Pri22, Rob20, RS21a, Shi21c]. **Toeplitz-like** [GtHJR24]. **Toeplitz-plus-Hankel** [ER24]. **token** [BV24, DDFM⁺21, Lew24a, RDFM23]. **tolerance** [Lim21]. **tool** [Mar21]. **tools** [CLY22]. **topics** [BDI20, FP20]. **topological** [GMR22]. **topology** [Win21]. **toric** [DJ22, KMZ20]. **Total** [FJS17, FJS21, BW22, CGMP23, MMW22]. **Totally** [GZ23, CCU21, CZ22c, FV24, GR21, MMV21, Slo20, Slo21a]. **tournament** [BCF⁺20]. **tournaments** [BBS23, BS24a, BBCL22]. **TP** [CJ24]. **Trace** [KS23c, SL21, BO23, EMŠV22, FYS⁺23, HT22, Li22, LWZL23, LL24b, MM21, MS20a, RRF23, UZ21, Vit21, ZXZW23]. **trace-zero** [MM21]. **traces** [Li22]. **Tracial** [Skr20, CN20a, Skr24]. **trains** [ZBdAF20]. **transfer** [AHM20, ASG22, Bou24, CW22, GL20b, KS22c]. **transform** [BW24, MB20, MT23, MST24b, PTD22, SS24b]. **Transformation** [BS20d, MC21b]. **transformations** [AdlCPS20, AR21, BK22, DGL23b, GTW23, GOUY23, KFS21, Pan20, Pan22, Yam21, dIPG21]. **transient** [KCPMNS21]. **transitions** [BBW20]. **translates** [SS23b]. **translation** [CLZ22, LTTW22]. **transportation** [CCK21a]. **transpose** [CdSV22]. **Transposed** [KK23a, KK23b]. **Transposition** [KK22c, KK24]. **TRASE** [Sar21]. **Tree** [JWZ22, AS22, AJNS24, BJP21, DJ23, ET20, GR22, GRR22, HWD23, ZZW22, LLWW23]. **Trees** [AvDF20, GM22, LW21b, AADT23, ACD22, AS24, BEF20, CWBB23, Cia22, DFS23, DR20, DH22, FB21, JKS23, JGZ21, LQL21, LZ20, MK23, OdFVM21, Pik23, Ran23, SGGZ21, Sta23a, WZT20, WWY23, XY20c, XLYS20, YW22, YW23, Yaz21]. **triangle** [Csi22]. **triangle-free** [Csi22]. **triangles** [GL23, Pet21, ZHG21]. **Triangular** [Yan22, BS20b, BS20f, BTTT24, BHW24, CLW22, CMT21, Dew21, DdR20,

DRG24, FGDY20, GOZ21, JLX22, KS24b, Lim22a, Loe21, Mis22, Nar23, RKBA21, TBH20, Uru22, WZL21, ZG21]. **triangularization** [ADHM23]. **Triangulated** [BC21]. **Tridiagonal** [Bos24, Hu21]. **Tridiagonalization** [GP21]. **trifactorization** [BS23c]. **trifocal** [BBBT24]. **trigonometric** [Guo22]. **trinomial** [MMZ20]. **triple** [RS21a]. **triple-structured** [RS21a]. **triples** [AG24, GLP21]. **tripotents** [AT21]. **trivial** [Alf20b, ABSV21, CdSV22]. **trivially** [DV24]. **TRO** [EM23]. **TRO-conditional** [EM23]. **Tropical** [GN20, DZCY22, DY23a, KCPMNS21, NWW20, NYW22, Xie21, Yu20]. **Trotter** [CWW24]. **truncated** [FKKM22, FKM24, MS24a, O’L23, VCR21, Zal22]. **truncation** [BW21, DK21, Mis22]. **trust** [NN24b]. **tubal** [AAPC⁺24a, AAPC⁺24b]. **Tucker** [ZBdAF20]. **tuples** [BFMS21, Che22, Fek20, GS22]. **Turañ** [KP23a, CWYZ23, Des24, ELW24, Wan24, XL24, ZWF20]. **twin** [BR23a, Bas21, Mon23]. **twins** [Cia20a]. **Twirling** [GL21]. **Twisted** [BCP22, GLNW24, TCB24]. **Two** [AHLvdH21, BB22, DGdSS23, ELW24, KLL22, LM22a, LJSZ23, Skr24, VD22, ZL23c, AT21, ADvdH21, ADvdH23, BFF⁺23b, BFF⁺23a, BR24, Bla20, BDK⁺24, Bos24, BSZ24, Buc20, CCCS21, CFR23, DFL24, DYLY24, EN22, GLT21, HT23, HHS20b, KS20a, Kia24, Kor21, KP22, LHFL20, LM24, MS21, MvWZ24, NdLO21, ONW24, PY24, dSP22, dSP23b, dSP24d, RZ24, SZ21, WW20, WZW⁺21, WCS20, XX20, XY20b, YD21, ZLG20, Zha24a, dLMO20]. **two-band** [CCCS21]. **Two-connected** [AHLvdH21]. **Two-dimensional** [DGdSS23, Bla20, LM24]. **two-graphs** [BSZ24]. **two-isometries** [MS21]. **two-level** [XX20]. **two-parameter** [EN22, KP22]. **Two-sided**

[BB22, KLL22, Skr24, ONW24, WW20]. **Two-step** [LM22a, WCS20]. **type** [ACSS22, AOCM21, BO24, CWW24, CLM20, CA22, CCL21, DN21, EE23, Fra20, GOZ21, GR22, GSV24, GS20a, HHS20b, HVX23, JL20, JK24, KNiO23, KP23a, KK23b, Le22, LLH20, LLW21, MT21a, MJ24, MMV22, MS24b, Nag23, Obo24b, Pan24, Sim21, SZ22a, Sos23, YZ20, YLCB21, KKOO22]. **types** [Alt22]. **Typical** [BBS20]. **Ulam** [BS21a, Ban22]. **ultrametric** [Yu20]. **unbalanced** [Sta20a]. **unbounded** [FPR20]. **undecidable** [Ros22]. **underlying** [WFL20]. **understanding** [CLS24]. **undirected** [ACDG21]. **unequal** [HT23]. **unexpected** [DFH⁺20]. **unicity** [Wój22b]. **unicyclic** [BP20, BDVR21, DH23, LW20b, LQL21, QLCM20, YYS⁺21]. **Unified** [LY24, AZ24, AKVS23, AWvW24, CZ22c, Lin23, VS21, WZFW23]. **Uniform** [MV24, ZLG20, BMR23, BMS20, CHT20, DvDW23, FYS⁺23, LL21c, LYZ23, MT21a, Phu24, SSP22, Sch22, SWW21, SWW22, WSW20, XW21, XHW23, ZZ21, Zhe20, Zhe21]. **uniformity** [GRR22]. **unifying** [Min22]. **unilateral** [JJLS23]. **unimodular** [BBCL22, FKRvS24, PSRS20]. **union** [HO20, Zal22]. **unipotent** [dSP24b]. **unipotents** [Pre20]. **Unique** [Chr24b, MLZ24]. **uniqueness** [ĆD23b, HHS20a, Li20b, WvdVvdH24]. **Unisingular** [Zal24]. **unit** [Alf20a, AC24, BBC⁺22a, CG24, FKRvS24, FG20, FG23b, GtHJR24, HHD20, JLX22, LW21c, LWH21, SK21b, SPMSC24, Wój22b, XZWT20]. **unital** [BKT23, BK22, CDPR23, CAEH⁺22, JN22]. **unitaries** [FHMP21, FHMP22, FOP22, PS24a, PR22b]. **Unitarily** [ANBK22, DLL20]. **Unitary** [CN21b, AdlCPS20, AFS⁺23, BCS24, BL20, CXZ22, CAEH⁺22, DD20, DID22, FR21, GL21, GvRR21a, Hua22, KIS21, KFS21,

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Arrigo:2022:DKR

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Anonymous:2020:EBbd

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Anonymous:2020:EBbh

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Anonymous:2020:EBbl

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Anonymous:2020:EBbp

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Anonymous:2020:EBbr

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Anonymous:2020:EBbt

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Anonymous:2020:EBbu

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Anonymous:2020:EBbv

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Anonymous:2020:PSa

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Christian Bertram and Heike Faßbender. A quadrature framework for solving Lyapunov and Sylvester equations. *Linear Algebra and its Applications*, 622(??):66–103, August 1, 2021. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL

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Beaufort:2024:LCS

[BF24a]

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Bertram:2024:FLR

[BF24b]

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[BF24c]

M. I. Bueno and Susana Furtado. On the rank structure of the Moore–Penrose inverse of singular k -banded matrices. *Linear Algebra and its Applications*, 702(??):122–142, December 1, 2024. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379523003488>.

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Barrett:2023:SGA

[BFF+23a]

Wayne Barrett, Shaun Fallat, Veronika Furst, Franklin Kenter, Shahla Nasserar, Brendan Rooney, Michael Tait, and Hein van der Holst. Sparsity of graphs that allow two distinct eigenvalues. *Linear Algebra and its Applications*, 674(??):377–395, October 1, 2023. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379523002161>.

Barrett:2023:RGD

[BFF+23b]

Wayne Barrett, Shaun Fallat, Veronika Furst, Shahla Nasserar, Brendan Rooney, and Michael Tait. Regular graphs of degree at most four that allow two distinct eigenvalues. *Linear Algebra and its Applications*, 679(??):127–164, December 15, 2023. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379523003488>.

Bazzoni:2023:CSL

[BFLT23]

Giovanni Bazzoni, Marco Freibert, Adela Latorre, and Nicoletta Tardini. Complex symplectic Lie algebras with large Abelian subalgebras. *Linear Algebra*

and its Applications, 677(??):254–305, November 15, 2023. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379523003051>.

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[BFMM23]

Amílcar Branquinho, Ana Foulquié-Moreno, and Manuel Mañas. Positive bidiagonal factorization of tetradiagonal Hessenberg matrices. *Linear Algebra and its Applications*, 677(??):132–160, November 15, 2023. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379523003002>.

Belitskii:2021:CMS

[BFMS21]

Genrich R. Belitskii, Vyacheslav Futorny, Mikhail Muzychuk, and Vladimir V. Sergeichuk. Congruence of matrix spaces, matrix tuples, and multilinear maps. *Linear Algebra and its Applications*, 609(??):317–331, January 15, 2021. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520304407>.

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[BFO23]

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groups over prime fields. *Linear Algebra and its Applications*, 677(??):161–193, November 15, 2023. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379523002999>.

Bondarenko:2021:PCN

[BFPS21]

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Bhunia:2020:RQH

[BG20]

Sushil Bhunia and Krishnendu Gongopadhyay. Reversible quaternionic hyperbolic isometries. *Linear Algebra and its Applications*, 591(??):268–283, April 15, 2020. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379519305646>.

Bianchi:2024:ASD

[BG24]

Davide Bianchi and Carlo Garoni. On the asymptotic

spectral distribution of increasing size matrices: test functions, spectral clustering, and asymptotic estimates of outliers. *Linear Algebra and its Applications*, 697(??):615–638, September 15, 2024. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379524002143>.

Baghipur:2022:SRG

[BGGA22]

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Byrne:2022:ASR

[BGLR22]

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Baghel:2022:NSS

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Mohit Kumar Baghel, Nicolas Gillis, and Punit Sharma. On the non-symmetric semidefinite Procrustes problem. *Linear Algebra and its Applications*, 648(??):133–159, September 1, 2022. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S002437952200146X>.

Bogoya:2024:EST

[BGSC24]

M. Bogoya, S. M. Grudsky, and S. Serra-Capizzano. Eigenvalue superposition for Toeplitz matrix-sequences with matrix order dependent symbols. *Linear Algebra and its Applications*, 697(??):487–527, September 15, 2024. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379524000556>.

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[BHD⁺21]

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Borgard:2021:ADK

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Balasubramanian:2024:EEB

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Sriram Balasubramanian and Neha Hotwani. C^* -extreme entanglement breaking maps on operator systems. *Linear Algebra and its Applications*, 685(??):182–213, March 15, 2024. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379524000041>.

[BHHP21]

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[BHBO21]

Aria Beaupré, Emily Hoopes-Boyd, and Grace O’Brien. On the images of generalized polynomials evaluated on matrices over an algebraically closed skew field. *Linear Algebra and its Applications*, 610(??):827–836, February 1, 2021. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL

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Byrne:2022:DFM

Eimear Byrne, Anna-Lena Horlemann, Karan Khathuria, and Violetta Weger. Density of free modules over finite chain rings. *Linear Algebra and its Applica-*

tions, 651(??):1–25, October 15, 2022. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S002437952200235X>.

Bhat:2020:RCP

[BHMU20]

B. V. Rajarama Bhat, Robin Hillier, Nirupama Mallick, and Vijaya Kumar U. Roots of completely positive maps. *Linear Algebra and its Applications*, 587(??):143–165, February 15, 2020. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379519304677>.

Bhunia:2024:IBN

[Bhu24]

Pintu Bhunia. Improved bounds for the numerical radius via polar decomposition of operators. *Linear Algebra and its Applications*, 683(??):31–45, February 15, 2024. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S002437952300441X>.

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[BHW24]

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Bhatia:2020:SHT

Rajendra Bhatia and Tanvi Jain. A Schur–Horn theorem for symplectic eigenvalues. *Linear Algebra and its Applications*, 599(??):133–139, August 15, 2020. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520300604>.

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[BJ20a]

[BJ20b]

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Bhatia:2023:NRP

[BJ23]

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Bapat:2021:BDM

[BJP21]

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Bracic:2022:NRC

[BK22]

Janko Bračić and Marko Kandić. On the normalizer of the reflexive cover of a unital algebra of linear transformations. *Linear Algebra and its Applications*, 653(??):207–230, November 15, 2022. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379522003676>.

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Bogdanic:2024:JSN

[BDK⁺24]

Duško Bogdanić, Alen Đurić, Sara Koljančić, Polona Oblak, and Klemen Šivic. Jordan structures of nilpotent matrices in the centralizer of a nilpotent matrix with two Jordan blocks of the same size. *Linear Algebra and its Applications*, 690(??):59–90, June 1, 2024. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379524000910>.

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[BKLT23]

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Bhunias:2023:ATS

[BKPS23]

Pintu Bhunia, Fuad Kitaneh, Kallol Paul, and Anirban Sen. Anderson’s theorem and A -spectral radius bounds for semi-Hilbertian space operators. *Linear Algebra and its Applications*, 657(??):147–162, January 15, 2023. CODEN LAAPAW.

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Bovdi:2020:OPS

[BKR⁺20]

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Bargetz:2020:API

[BKRS20]

Christian Bargetz, Jona Klemeč, Simeon Reich, and Natalia Skorokhod. On angles, projections and iterations. *Linear Algebra and its Applications*, 603(??):41–56, October 15, 2020. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520302615>.

Burdak:2015:CPC

[BKS15]

Zbigniew Burdak, Marek Kosiek, and Marek Słociński. Compatible pairs of commuting isometries. *Linear Algebra and its Applications*, 479(??):216–259, August 15, 2015. CODEN LAA-

PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379515002384>. See corrigendum [BKSP23].

Borges:2021:CLO

[BKS⁺21]

Victor Senoguchi Borges, Iryna Kashuba, Vladimir V. Sergeichuk, Eduardo Ventilari Sodré, and André Zaidan. Classification of linear operators satisfying $(Au, v) = (u, A^r v)$ or $(Au, A^r v) = (u, v)$ on a vector space with indefinite scalar product. *Linear Algebra and its Applications*, 611(??):118–134, February 15, 2021. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520305589>.

Burdak:2023:CCP

[BKSP23]

Zbigniew Burdak, Marek Kosiek, Marek Słociński, and Patryk Pagacz. Corrigendum to “Compatible pairs of commuting isometries” [Linear Algebra Appl. **479** (2015) 216–259]. *Linear Algebra and its Applications*, 675(??):106–117, October 15, 2023. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379523002367>. See [BKS15].

Bhat:2023:PAU

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Bourin:2020:CMI

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Behajaina:2022:CGG

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Carvalho:2020:SCQ

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Chiribella:2023:CEP

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Cardinali:2023:OPS

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Chen:2024:BNC

[CG24]

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[CGG+21]

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Costara:2023:ATD

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Chen:2021:EMC

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Choi:2020:FCN

Chan:2024:WPM

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L. S. de Lima, A. Mohamadian, and C. S. Oliveira. On integral graphs with at most two vertices of degree larger than two. *Linear Algebra and its Applications*, 584(??):164–184, January 1, 2020. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379519304021>.

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Duncan:2024:HMA

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Dopico:2024:LMP

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Dopico:2020:RPT

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[Est20]

Estrada:2020:HRL

[EV20]

Ernesto Estrada. ‘Hubs-repelling’ Laplacian and related diffusion on graphs/networks. *Linear Algebra and its Applications*, 596(??):256–280, July 1, 2020. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520301336>. ■

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Franca:2021:MSG

[Est23]

Estrada:2023:ENS

[FB21]

Ernesto Estrada. Every non-singular spherical Euclidean distance matrix is a resistance distance matrix. *Linear Algebra and its Applications*, 656(??):198–209, January 1, 2023. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379522003500>.

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Erzan:2020:ECE

[ET20]

Ayşe Erzan and Asli Tuncer. Explicit construction of the eigenvectors and eigenvalues of the graph Laplacian on the Cayley tree. *Linear Algebra and its Applications*, 586(??):111–129, February 1, 2020. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S002437951930463X>.

[FCLP22]

Fabila-Carrasco:2022:MNH

John Stewart Fabila-Carrasco, Fernando Lledó, and Olaf Post. Matching number, Hamiltonian graphs and magnetic Laplacian matrices. *Linear Algebra and its Applications*, 642(??):86–100, June 1, 2022. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379522000490>.

- [FdCP20] **Fernandes:2020:MMT** Rosário Fernandes, Henrique F. da Cruz, and Susana C. Palheira. Matrices in $A(R, S)$ with minimum t -term ranks. *Linear Algebra and its Applications*, 586(??):239–261, February 1, 2020. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379519304446>.
- [FCS20] **Fernandes:2020:CCB** Rosário Fernandes, Henrique F. da Cruz, and Domingos Salomão. On a conjecture concerning the Bruhat order. *Linear Algebra and its Applications*, 600(??):82–95, September 1, 2020. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520302032>.
- [Fek20] **Feki:2020:TCO** Kais Feki. On tuples of commuting operators in positive semidefinite inner product spaces. *Linear Algebra and its Applications*, 603(??):313–328, October 15, 2020. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520303062>.
- [FFSW23] **Friday:2023:PDM** Sarah Friday, Fumiko Futamura, Jordan Smith, and Aaron Waclawczyk. Powers of defective matrices from diagonalizable dilations. *Linear Algebra and its Applications*, 661(??):202–221, March 15, 2023. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379522004426>.
- [FG20] **Fuentes:2020:CBM** Edinson Fuentes and Luis E. Garza. CMV block matrices for symmetric matrix measures on the unit circle. *Linear Algebra and its Applications*, 587(??):314–333, February 15, 2020. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379519304914>.
- [FG22] **Fulman:2022:CLP** Jason Fulman and Robert Guralnick. Cohen Lenstra partitions and mutually annihilating matrices over a finite field. *Linear Algebra and its Applications*, 645(??):1–8, July 15, 2022. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379522001008>.

- [FG23a] **Fongi:2023:MPI**
 Guillermina Fongi and M. Celeste Gonzalez. Moore–Penrose inverse and partial orders on Hilbert space operators. *Linear Algebra and its Applications*, 674(??):1–20, October 1, 2023. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379523002045>.
- [FG23b] **Fuentes:2023:HPM**
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- [FGDY20] **Fidelis:2020:GIB**
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- [FGGG24] **Fideles:2024:CNG**
 Claudemir Fideles, Ana Beatriz Gomes, Alexandre Grishkov, and Alan Guimarães. A characterization of the natural grading of the Grassmann algebra and its non-homogeneous Z_2 -gradings. *Linear Algebra and its Applications*, 680(??):93–107, January 1, 2024. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379523003750>.
- [FGM21] **Fazzi:2021:GSA**
 Antonio Fazzi, Nicola Guglielmi, and Ivan Markovsky. A gradient system approach for Hankel structured low-rank approximation. *Linear Algebra and its Applications*, 623(??):236–257, August 15, 2021. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520305413>.
- [FGPW24] **Fang:2024:QVG**
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<http://www.sciencedirect.com/science/article/pii/S0024379524000211>.

Freewan:2023:NIR

[FH23]

Shaima'a Freewan and Mostafa Hayajneh. On norm inequalities related to the geometric mean. *Linear Algebra and its Applications*, 670(??):104–120, August 1, 2023. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379523001465>.

Fallat:2022:BLS

[FHLS22]

Shaun M. Fallat, H. Tracy Hall, Jephian C.-H. Lin, and Bryan L. Shader. The bifurcation lemma for strong properties in the inverse eigenvalue problem of a graph. *Linear Algebra and its Applications*, 648(??):70–87, September 1, 2022. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379522001604>.

Farenick:2021:COE

[FHMP21]

Douglas Farenick, Farrah Huntinghawk, Adili Masanika, and Sarah Plosker. Complete order equivalence of spin unitaries. *Linear Algebra and its Applications*, 610(??):1–28, February 1, 2021. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-

1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520304559>.

Farenick:2022:CCO

[FHMP22]

Douglas Farenick, Farrah Huntinghawk, Adili Masanika, and Sarah Plosker. Corrigendum to “Complete order equivalence of spin unitaries” [Linear Algebra Appl. **610** (2021) 1–28]. *Linear Algebra and its Applications*, 635(??):201–202, February 15, 2022. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379521004298>.

Fidelis:2022:GIT

[Fid22]

Claudemir Fidelis. Graded identities of $M_n(E)$ and their generalizations over infinite fields. *Linear Algebra and its Applications*, 643(??):258–280, June 15, 2022. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379522000787>.

Fickus:2024:EIS

[FIJM24]

Matthew Fickus, Joseph W. Iverson, John Jasper, and Dustin G. Mixon. Equi-isoclinic subspaces, covers of the complete graph, and complex conference matrices. *Linear Algebra and its Applications*, 702(??):240–249,

December 1, 2024. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379524003161>.

Fikioris:2020:EBK

[Fik20]

George Fikioris. Eigenvalue bifurcations in Kac–Murdock–Szegő matrices with a complex parameter. *Linear Algebra and its Applications*, 607(??):118–150, December 15, 2020. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520303797>.

Fiol:2020:NCP

[Fio20]

M. A. Fiol. A new class of polynomials from the spectrum of a graph, and its application to bound the k -independence number. *Linear Algebra and its Applications*, 605(??):1–20, November 15, 2020. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520303323>.

Faust:2021:NSV

[FISW21]

Theodore Faust, Mark Iwen, Rayan Saab, and Rongrong Wang. On the ℓ^∞ -norms of the singular vectors of arbitrary powers of a difference matrix with applications to

sigma–delta quantization. *Linear Algebra and its Applications*, 626(??):79–151, October 1, 2021. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379521002238>.

Furtado:2024:EWG

[FJ24]

Susana Furtado and Charles R. Johnson. Efficiency of any weighted geometric mean of the columns of a reciprocal matrix. *Linear Algebra and its Applications*, 680(??):83–92, January 1, 2024. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379523003762>.

Fallat:2017:TPS

[FJS17]

Shaun Fallat, Charles R. Johnson, and Alan D. Sokal. Total positivity of sums, Hadamard products and Hadamard powers: Results and counterexamples. *Linear Algebra and its Applications*, 520(??):242–259, May 1, 2017. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379517300411>. See corrigendum [FJS21].

Fallat:2021:CTP

[FJS21]

Shaun Fallat, Charles R. Johnson, and Alan D. Sokal. Cor-

rigendum to “Total positivity of sums, Hadamard products and Hadamard powers: Results and counterexamples” [Linear Algebra Appl. **520** (2017) 242–259]. *Linear Algebra and its Applications*, 613(??):393–396, March 15, 2021. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520305863>. See [FJS17].

Fukshansky:2021:GNO

[FK21]

Lenny Fukshansky and David Kogan. On the geometry of nearly orthogonal lattices. *Linear Algebra and its Applications*, 629(??):112–137, November 15, 2021. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379521002809>.

Fagundes:2023:SGP

[FK23]

Pedro Fagundes and Plamen Koshlukov. On sums of gr -PI algebras. *Linear Algebra and its Applications*, 677(??):200–220, November 15, 2023. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379523003026>.

Flores:2021:HCR

[FKK21a]

Ramón Flores, Delaram Kahrobaei, and Thomas Koberda. Hamiltonicity via cohomology of right-angled Artin groups. *Linear Algebra and its Applications*, 631(??):94–110, December 15, 2021. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379521003165>.

Futorny:2021:PTM

[FKK⁺21b]

Vyacheslav Futorny, Tetiana Klymchuk, Olena Klymenko, Vladimir V. Sergeichuk, and Nadiya Shvai. Perturbation theory of matrix pencils through miniversal deformations. *Linear Algebra and its Applications*, 614(??):455–499, April 1, 2021. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520305620>.

Fritzsche:2022:WMB

[FKKM22]

Bernd Fritzsche, Bernd Kirstein, Susanne Kley, and Conrad Mädler. The Weyl matrix balls corresponding to the matricial truncated Hamburger moment problem. *Linear Algebra and its Applications*, 651(??):230–311, October 15, 2022. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379522003026>.

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Fritzsche:2020:SAM

- [FKM20] Bernd Fritzsche, Bernd Kirstein, and Conrad Mädler. Schur analysis of matricial Hausdorff moment sequences. *Linear Algebra and its Applications*, 590(??):133–209, April 1, 2020. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379519305415>.

Fidelis:2022:GIK

- [FKM22] Claudemir Fidelis, Plamen Koshlukov, and David Macêdo. Graded identities for Kac–Moody and Heisenberg algebras with the Cartan grading. *Linear Algebra and its Applications*, 638(??):196–218, April 1, 2022. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379521004511>.

Fritzsche:2024:DSA

- [FKM24] Bernd Fritzsche, Bernd Kirstein, and Conrad Mädler. Description of the set of all possible masses at a fixed point of solutions of a truncated matricial Hamburger moment problem. *Linear Algebra and its Applications*, 697(??):639–687, September 15, 2024. CODEN LAA-PAW. ISSN 0024-3795 (print),

1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379524002179>.

Filipiak:2021:AKP

- [FKMM21] Katarzyna Filipiak, Daniel Klein, Augustyn Markiewicz, and Monika Mokrzycka. Approximation with a Kronecker product structure with one component as compound symmetry or autoregression via entropy loss function. *Linear Algebra and its Applications*, 610(??):625–646, February 1, 2021. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520304900>.

Frazho:2024:WHI

- [FKRvS24] A. E. Frazho, M. A. Kaashoek, A. C. M. Ran, and F. van Schagen. Wiener–Hopf indices of unimodular functions on the unit circle, revisited. *Linear Algebra and its Applications*, 697(??):201–231, September 15, 2024. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379523003993>.

Li:2020:EAS

- [fLLV20] Jiao fen Li, Wen Li, and Seak-Weng Vong. Efficient algorithms for solving condition number-constrained matrix minimization problems.

Linear Algebra and its Applications, 607(??):190–230, December 15, 2020. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520303803>. ■

Feng:2020:BSR

[FM20b]

[FLRS20]

Lihua Feng, Lu Lu, Tamás Réti, and Dragan Stevanović. A bound on the spectral radius of graphs in terms of their Zagreb indices. *Linear Algebra and its Applications*, 597(??):33–45, July 15, 2020. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S002437952030149X>.

Fu:2020:NIS

[FM22a]

[FLT20]

Xiaohui Fu, Pan-Shun Lau, and Tin-Yau Tam. Norm inequalities for sector block matrices. *Linear Algebra and its Applications*, 605(??):249–262, November 15, 2020. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520303463>.

Fernandez:2020:TAD

[FM22b]

[FM20a]

Blas Fernández and Stefko Miklavic. On the Terwilliger algebra of distance-biregular graphs. *Linear Algebra and its Applications*, 597(??):18–32,

July 15, 2020. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520301440>.

Friedland:2020:NHP

S. Friedland and A. Melman. A note on Hermitian positive semidefinite matrix polynomials. *Linear Algebra and its Applications*, 598(??):105–109, August 1, 2020. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520301725>.

Faccio:2022:LAM

Chiara Faccio and Fabio Marcuzzi. A linear algorithm for the minimal realization problem in physical coordinates with a non-invertible output matrix. *Linear Algebra and its Applications*, 644(??):149–171, July 1, 2022. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S002437952200088X>.

Fallat:2022:MND

Shaun Fallat and Seyed Ahmad Mojallal. On the minimum number of distinct eigenvalues of a threshold graph. *Linear Algebra and its Applications*, 642(??):1–29, June 1, 2022. CODEN LAAPAW.

PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379522000441>.

Fallat:2020:APM

[FMR20]

Shaun M. Fallat and Xavier Martínez-Rivera. On the almost-principal minors of a symmetric matrix. *Linear Algebra and its Applications*, 606(??):219–243, December 1, 2020. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520303633>.

Filho:2021:LFC

[FMS21]

G. Santos Filho, L. Murakami, and I. Shestakov. Locally finite coalgebras and the locally nilpotent radical I. *Linear Algebra and its Applications*, 621(??):235–253, July 15, 2021. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379521001208>.

Figula:2023:CFD

[FN23]

Ágota Figula and Péter T. Nagy. Classification of a family of 4-dimensional anti-commutative algebras and their automorphisms. *Linear Algebra and its Applications*, 656(??):385–408, January 1, 2023. CODEN LAA-PAW. ISSN 0024-3795 (print),

1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S002437952200369X>.

Farenick:2022:UWU

[FOP22]

Douglas Farenick, Oluwotobi Ruth Ojo, and Sarah Plosker. Universality of Weyl unitaries. *Linear Algebra and its Applications*, 634(??):57–76, February 1, 2022. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379521003827>.

Fidaleo:2022:SEP

[FOR22]

Francesco Fidaleo, Federico Ottomano, and Stefano Rossi. Spectral and ergodic properties of completely positive maps and decoherence. *Linear Algebra and its Applications*, 633(??):104–126, January 15, 2022. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379521003724>.

Fernandez-Polo:2020:MPR

[FP20]

Francisco J. Fernández-Polo. The minimax principle and related topics in the Jordan setting. *Linear Algebra and its Applications*, 604(??):293–323, November 1, 2020. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL

<http://www.sciencedirect.com/science/article/pii/S0024379520303177>.

Fikioris:2021:ECL

[FP21]

George Fikioris and Christos Papapanos. Eigenvalue contour lines of Kac–Murdock–Szegő matrices with a complex parameter. *Linear Algebra and its Applications*, 629(??):87–111, November 15, 2021. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379521002810>.

Fornaroli:2022:AI

[FP22]

Érica Z. Fornaroli and Roger E. M. Pezzott. Anti-isomorphisms and involutions on the idealization of the incidence space over the finitary incidence algebra. *Linear Algebra and its Applications*, 637(??):82–109, March 15, 2022. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379521004341>.

Frigerio:2023:SCQ

[FP23]

Massimo Frigerio and Matteo G. A. Paris. Swift chiral quantum walks. *Linear Algebra and its Applications*, 673(??):28–45, September 15, 2023. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL

<http://www.sciencedirect.com/science/article/pii/S0024379523001842>.

Fernandes:2024:PVP

[FP24]

Rosário Fernandes and Rúben Palma. Positive vectors, pairwise comparison matrices and directed Hamiltonian cycles. *Linear Algebra and its Applications*, 699(??):312–330, October 15, 2024. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379524002854>.

Favaro:2020:SSU

[FPR20]

V. V. Fávaro, D. M. Pellegrino, and P. Rueda. On the size of the set of unbounded multilinear operators between Banach spaces. *Linear Algebra and its Applications*, 606(??):144–158, December 1, 2020. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520303529>.

Farsi:2022:SDM

[FPS22]

Carla Farsi, Emily Proctor, and Christopher Seaton. The spectra of digraphs with Morita equivalent C^* -algebras. *Linear Algebra and its Applications*, 655(??):28–64, December 15, 2022. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL

<http://www.sciencedirect.com/science/article/pii/S002437952200324X>.

Fang:2020:IEB

[FQ20]

Ximing Fang and Zhijun Qiao. Improved error bounds based on $\alpha(M)$ for the linear complementarity problem. *Linear Algebra and its Applications*, 589(??):186–200, March 15, 2020. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379519305166>.

[Fra20]

[com/science/article/pii/S0024379524003070](http://www.sciencedirect.com/science/article/pii/S0024379524003070).

Franchi:2020:SRE

Massimo Franchi. Some results on eigenvalues of finite type, resolvents and Riesz projections. *Linear Algebra and its Applications*, 588(??):238–271, March 1, 2020. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379519305142>.

Franchi:2022:RLR

Fasi:2021:SER

[FR21]

Massimiliano Fasi and Leonardo Robol. Sampling the eigenvalues of random orthogonal and unitary matrices. *Linear Algebra and its Applications*, 620(??):297–321, July 1, 2021. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379521000987>.

[Fra22]

Massimo Franchi. Resolvent and logarithmic residues of a singular operator pencil in Hilbert spaces. *Linear Algebra and its Applications*, 639(??):243–281, April 15, 2022. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379522000210>.

Fassbender:2021:NOS

Fretwell:2024:SBF

[FR24]

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[Gor24]

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Gotti:2020:GCA

[Got20]

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Golla:2023:SPI

[GOUY23]

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Gowda:2020:SMI

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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 LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520301841>.

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Shuzheng Guo and Daxiong Piao. Lyapunov behavior and dynamical localization for quasi-periodic CMV matrices. *Linear Al-*

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[GPR20]

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[GPRT20]

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Gillis:2024:PPI

[GQdSPŠ24]

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Guo:2020:GRP

[GQZ20]

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Gatephan:2021:DLM

[GR21]

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Rodtes. Divisibility of LCM matrices by totally nonnegative GCD matrices. *Linear Algebra and its Applications*, 619(??):146–159, June 15, 2021. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379521000793>.

Gernandt:2022:CTI

[GR22]

Hannes Gernandt and Jonathan Rohleder. A Calderón type inverse problem for tree graphs. *Linear Algebra and its Applications*, 646(??):29–42, August 1, 2022. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379522001197>.

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Will Grilliette, Josephine Reynes, and Lucas J. Ruskak. Incidence hypergraphs: Injectivity, uniformity, and matrix-tree theorems. *Linear Algebra and its Applications*, 634(??):77–105, February 1, 2022. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379521003888>.

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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>.

Grover:2022:DFT

[GS22]

Priyanka Grover and Sushil Singla. A distance formula for tuples of operators. *Linear Algebra and its Applications*, 650(??):267–285, October 1, 2022. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S002437952200218X>.

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Guterman:2024:LPP

[GS24]

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Gao:2024:OSS

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Garvey:2023:PSP

[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 LAA-PAW. 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 LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379522002786>.

Groenewald:2021:ACF

[GvRR21a]

G. J. Groenewald, D. B. Janse van Rensburg, and A. C. M. Ran. An alternative canonical form for quaternionic H -unitary matrices. *Linear Algebra and its Applications*, 623(??):282–298, August 15, 2021. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379521000344>.

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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 LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520304973>.

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[GvRR⁺23]

G. J. Groenewald, D. B. Janse van Rensburg, A. C. M. Ran, F. Theron, and M. van Straaten. Solutions of the matrix equation $p(X) = A$, with polynomial function $p(\lambda)$ over field extensions of \mathbf{Q} . *Linear Algebra and its Applications*, 665(??):107–138, May 15, 2023. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379523000344>.

Gau:2020:MPC

[GW20]

Hwa-Long Gau and Kuo-Zhong Wang. Matrix powers with circular numerical range. *Linear Algebra and its Applications*, 603(??):190–211, October 15, 2020. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520301932>.

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Gau:2022:NRH

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Gift:2024:RFP

[GW24a]

Sarah Gift and Hugo J. Woerdeman. Real factorization of positive semidefinite matrix polynomials. *Linear Algebra and its Applications*, 683(??):125–150, February 15, 2024. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S002437952300455X>.

Greenbaum:2024:CSS

[GW24b]

Anne Greenbaum and Natalie Wellen. Comparison of K -spectral set bounds on norms of functions of a matrix or operator. *Linear Algebra and its Applications*, 694(??):52–77, August 1, 2024. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379524001484>.

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Gau:2021:NRF

[GWW21]

Hwa-Long Gau, Kuo-Zhong Wang, and Pei Yuan Wu. Numerical ranges of Foguel operators. *Linear Algebra and its Applications*, 610(??):766–784, February 1, 2021. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520304948>.

Gyenti:2023:PPC

[Gye23]

Bálint Gyenti. On a preserver problem concerning Kubo–Ando means of positive operators. *Linear Algebra and its Applications*, 665(??):404–419, May 15, 2023. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379523000563>.

Golyandina:2020:BDC

[GZ20a]

Nina Golyandina and Anatoly Zhigljavsky. Blind deconvolution of covariance matrix inverses for autoregressive processes. *Linear Algebra and its Applications*, 593(??):188–211, May 15, 2020. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520300641>.

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- [GZ22] **Godsil:2022:FRN**
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- Zhang. Totally non-negativity of a family of change-of-basis matrices. *Linear Algebra and its Applications*, 676(??):88–103, November 1, 2023. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379523002690>.

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Haemers:2021:HRB

[Hae21]

Willem H. Haemers. Hoffman’s ratio bound. *Linear Algebra and its Applications*, 617(??):215–219, May 15, 2021. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379521000689>.

Hallman:2020:EBE

[Hal20]

Eric Hallman. Estimating the backward error for the least-squares problem with multiple right-hand sides. *Linear Algebra and its Applications*, 605(??):227–238, November 15, 2020. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520303438>.

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Hamm:2023:GPD

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Hladik:2024:SSR

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Hu:2023:DCM

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Hu:2024:MGG

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Huang:2024:CSL

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He:2023:OSA

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Hong:2020:CEG

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Huang:2021:DHD

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Huang:2023:CMF

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Heuer:2020:BSR

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Huang:2021:WFO

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Homma:2020:FPF

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Hou:2020:CEI

[Hou20]

Xin Hou. Corrigendum to “Expressing infinite matrices over rings as products of involutions” [*Linear Algebra Appl.* **532** (2017) 257–265]. *Linear Algebra and its Applications*, 587(??):387–391, February 15, 2020. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379519304896>. See [HLZ17].

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Haviv:2023:BRC

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Hisabia:2023:AGP

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Hai:2024:CSF

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Hameed:2021:SDS

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Huang:2024:EYN

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Huang:2022:QUC

[Hua22]

Jing Huang. On the quadratic unitary Cayley graphs. *Linear Algebra and its Applications*, 644(??):219–233, July 1, 2022. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379522000799>.

Huy:2023:SGR

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Henriksen:2020:CIR

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Herr:2021:ICH

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Hughes:2021:SDS

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Daniel Hughes and Shayne Waldron. Spherical (t, t) -designs with a small number of vectors. *Linear Algebra and its Applications*, 608(??):84–106, January 1, 2021. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520303839>.

Hu:2023:SCE

[HWD23]

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Malik:2020:GKF

[MB20]

Osman Asif Malik and Stephen Becker. Guarantees for the Kronecker fast Johnson–Lindenstrauss transform using a coherence and sampling argument. *Linear Algebra and its Applications*, 602(??):120–137, October 1, 2020. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520302354>.

Mosonyi:2024:GRE

[MBV24]

Milán Mosonyi, Gergely Buntth, and Péter Vrana. Geometric relative entropies and barycentric Rényi divergences. *Linear Algebra and its Applications*, 699(??):159–276, October 15, 2024. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379524002490>.

Meidanis:2021:FMC

[MC21a]

Joao Meidanis and Leonid Chindelevitch. Fast median computation for symmetric, orthogonal matrices under the rank distance. *Linear Algebra and its Applications*, 614(??):394–414, April 1, 2021. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520305139>.

Miao:2021:MCP

[MC21b]

Xin-He Miao and Jein-Shan Chen. On matrix characterizations for P -property of the linear transformation in second-order cone linear complementarity problems. *Linear Algebra and its Applications*, 613(??):271–294, March 15, 2021. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379521001368>.

com/science/article/pii/S0024379520305358.

Mishra:2023:NAE

[MDH23]

Satyendra Kumar Mishra, Apurba Das, and Samir Kumar Hazra. Non-abelian extensions of Rota–Baxter Lie algebras and inducibility of automorphisms. *Linear Algebra and its Applications*, 669(??):147–174, July 15, 2023. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379523001325>.

Miri:2021:NCM

[ME21]

S. M. Miri and S. Effati. New characterizations of the matrix classes P , W and R_0 . *Linear Algebra and its Applications*, 621(??):181–192, July 15, 2021. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379521001142>.

Melman:2023:MWE

[Mel23]

A. Melman. Matrices whose eigenvalues are those of a quadratic matrix polynomial. *Linear Algebra and its Applications*, 676(??):131–149, November 1, 2023. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379523005358>.

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Meng:2022:TCP

[Men22]

Jie Meng. Theoretical and computational properties of semi-infinite quasi-Toeplitz M -matrices. *Linear Algebra and its Applications*, 653(??):66–85, November 15, 2022. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379522002853>.

Mezzadri:2021:GID

[MG21]

Francesco Mezzadri and Emanuele Galligani. A generalization of irreducibility and diagonal dominance with applications to horizontal and vertical linear complementarity problems. *Linear Algebra and its Applications*, 621(??):214–234, July 15, 2021. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379521001130>.

McCoid:2024:EMN

[MG24]

Conor McCoid and Martin J. Gander. Extrapolation methods as nonlinear Krylov subspace methods. *Linear Algebra and its Applications*, 693(??):83–97, July 15, 2024. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379524001130>.

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Mojallal:2020:DEG

[MH20]

Seyed Ahmad Mojallal and Pierre Hansen. On the difference of energies of a graph and its complement graph. *Linear Algebra and its Applications*, 595(??):1–12, June 15, 2020. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520300987>. See corrigendum [MH21].

Mojallal:2021:CDE

[MH21]

Seyed Ahmad Mojallal and Pierre Hansen. Corrigendum to “On the difference of energies of a graph and its complement graph” [Linear Algebra Appl. **595** (2020) 1–12]. *Linear Algebra and its Applications*, 628(??):228–230, November 1, 2021. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379521002755>. See [MH20].

Mattila:2024:SFA

[MHM24]

Mika Mattila, Pentti Haukkanen, and Jori Mäntysalo. Some further applications of a lattice theoretic method in the study of singular LCM matrices. *Linear Algebra and its Applications*, 693(??):98–115,

July 15, 2024. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379523001684>.

Mifsud:2021:CDP

[Mif21]

Xandru Mifsud. λ -Core distance partitions. *Linear Algebra and its Applications*, 613(??):170–182, March 15, 2021. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520305668>.

Miguel:2021:LCA

[Mig21]

C. Miguel. Lengths of cyclic algebras and commutative subalgebras of quaternion matrices. *Linear Algebra and its Applications*, 628(??):130–139, November 1, 2021. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379521002688>.

Miller:2024:DPS

[Mil24]

Tomasz Miller. On the diagonal product of special unitary matrices. *Linear Algebra and its Applications*, 691(??):216–232, June 15, 2024. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379524000000>.

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Minh:2022:APM

[Min22]

Hà Quang Minh. Alpha Procrustes metrics between positive definite operators: a unifying formulation for the Bures–Wasserstein and Log-Euclidean/Log-Hilbert–Schmidt metrics. *Linear Algebra and its Applications*, 636(??):25–68, March 1, 2022. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379521004110>.

Mishra:2020:FOS

[Mis20]

Hemant Kumar Mishra. First order sensitivity analysis of symplectic eigenvalues. *Linear Algebra and its Applications*, 604(??):324–345, November 1, 2020. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520303268>.

Mishura:2022:CND

[Mis22]

Teddy Mishura. Cut norm discontinuity of triangular truncation of graphons. *Linear Algebra and its Applications*, 650(??):26–41, October 1, 2022. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379522002117>.

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Miyajima:2024:SPC

[Miy24]

Shinya Miyajima. Some properties concerning Perron vectors of weakly irreducible non-negative tensors, and their application to rigorous enclosure. *Linear Algebra and its Applications*, 687(??):207–228, April 15, 2024. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379524000417>.

Mao:2024:RTI

[MJ24]

Yanling Mao and Guoxing Ji. On Rotfel'd type inequalities for sectorial matrices. *Linear Algebra and its Applications*, 691(??):123–132, June 15, 2024. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379524001010>.

Mahato:2023:NDD

[MK23]

Iswar Mahato and M. Rajesh Kannan. A note on the distance and distance signless Laplacian spectral radius of complements of trees. *Linear Algebra and its Applications*, 675(??):344–350, October 15, 2023. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379523000000>.

com/science/article/pii/S0024379523002604.

Morelli:2020:DSI

[MKE⁺20]

Simon Morelli, Claude Klöckl, Christopher Eltschka, Jens Siewert, and Marcus Huber. Dimensionally sharp inequalities for the linear entropy. *Linear Algebra and its Applications*, 584(??):294–325, January 1, 2020. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S002437951930391X>.

Mayumi:2024:BOW

[MKOC24]

Aina Mayumi, Gen Kimura, Hiromichi Ohno, and Dariusz Chruściński. Böttcher–Wenzel inequality for weighted Frobenius norms and its application to quantum physics. *Linear Algebra and its Applications*, 700(??):35–49, November 1, 2024. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379524003033>.

Min:2022:SUB

[MLH22]

Gao Min, Zhenzhen Lou, and Qiongxiang Huang. A sharp upper bound on the spectral radius of C_5 -free/ C_6 -free graphs with given size. *Linear Algebra and its Applications*, 640(??):162–178, May 1, 2022. CODEN LAA-PAW. ISSN 0024-3795 (print),

1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379522000246>.

Mlotkowski:2022:QEC

[Mło22]

Wojciech Młotkowski. Quadratic embedding constants of path graphs. *Linear Algebra and its Applications*, 644(??):95–107, July 1, 2022. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379522000878>.

Miao:2024:USE

[MLZ24]

Lu Miao, Ruifang Liu, and Jingru Zhang. The unique spectral extremal graph for intersecting cliques or intersecting odd cycles. *Linear Algebra and its Applications*, 689(??):176–195, May 15, 2024. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379524000788>.

Marijuan:2021:CTZ

[MM21]

Carlos Marijuán and Julio Moro. A characterization of trace-zero sets realizable by compensation in the SNIEP. *Linear Algebra and its Applications*, 615(??):42–76, April 15, 2021. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379521000788>.

com/science/article/pii/S0024379520305887.

uoan:2022:JCM

[ĐMM⁺22]

Jacqueline Đoàn, Ján Mináč, Lyle Muller, Tung T. Nguyen, and Federico W. Pasini. Joins of circulant matrices. *Linear Algebra and its Applications*, 650(??):190–209, October 1, 2022. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S002437952200221X>.

Marijuan:2024:CSR

[MM24]

Carlos Marijuán and Julio Moro. A characterization of sets realizable by compensation in the SNIEP. *Linear Algebra and its Applications*, 693(??):425–447, July 15, 2024. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379524000946>.

Milovanovic:2022:ZQP

[MMA22]

Gradimir V. Milovanović, Abdullah Mir, and Abrar Ahmad. On the zeros of a quaternionic polynomial with restricted coefficients. *Linear Algebra and its Applications*, 653(??):231–245, November 15, 2022. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520305887>.

com/science/article/pii/S0024379522002877.

Matar:2022:MSR

[MMN22]

Nancy Matar, Lon H. Mitchell, and Sivaram K. Narayan. On the minimum semidefinite rank of signed graphs. *Linear Algebra and its Applications*, 642(??):73–85, June 1, 2022. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379522000477>.

Masakova:2021:GSS

[MMP21]

Zuzana Masáková, Jan Mazáč, and Edita Pelantová. On generalized self-similarities of cut-and-project sets. *Linear Algebra and its Applications*, 625(??):279–321, September 15, 2021. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379521002123>.

Mingueza:2020:CEA

[MMR20]

David Mingueza, M. Eulàlia Montoro, and Alicia Roca. The centralizer of an endomorphism over an arbitrary field. *Linear Algebra and its Applications*, 591(??):322–351, April 15, 2020. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520300173>.

- Marco:2021:EAP**
- [MMV21] Ana Marco, José-Javier Martínez, and Raquel Viaña. Error analysis, perturbation theory and applications of the bidiagonal decomposition of rectangular totally positive h -Bernstein-Vandermonde matrices. *Linear Algebra and its Applications*, 613(??):377–392, March 15, 2021. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520305401>.
- Marco:2022:ACC**
- [MMV22] Ana Marco, José-Javier Martínez, and Raquel Viaña. Accurate computations with collocation matrices of the Lupaş-type (p, q) -analogue of the Bernstein basis. *Linear Algebra and its Applications*, 651(??):312–331, October 15, 2022. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379522002464>.
- Mehl:2021:DPD**
- [MMW21] C. Mehl, V. Mehrmann, and M. Wojtylak. Distance problems for dissipative Hamiltonian systems and related matrix polynomials. *Linear Algebra and its Applications*, 623(??):335–366, August 15, 2021. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520302640>.
- Mao:2022:YAC**
- [MMW22] Jianxi Mao, Lili Mu, and Yi Wang. Yet another criterion for the total positivity of Riordan arrays. *Linear Algebra and its Applications*, 634(??):106–111, February 1, 2022. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379521003992>.
- Marino:2020:MCA**
- [MMZ20] Giuseppe Marino, Maria Montanucci, and Ferdinando Zullo. MRD-codes arising from the trinomial $x^q + x^q + cx^q \in \mathbf{F}_{q^6}[x]$. *Linear Algebra and its Applications*, 591(??):99–114, April 15, 2020. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520300082>.
- Meier:2024:FRN**
- [MN24] Maike Meier and Yuji Nakatsukasa. Fast randomized numerical rank estimation for numerically low-rank matrices. *Linear Algebra and its Applications*, 686(??):1–32, April 1, 2024. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379524000000>.

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Munger:2024:DKT

[MNP24]

Devon N. Munger, Andrew L. Nickerson, and Pietro Paparella. Demystifying the Karpelevič theorem. *Linear Algebra and its Applications*, 702(??):46–62, December 1, 2024. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379524003276>.

[Moh22]

Mohammadian:2022:RSM

Ali Mohammadian. Real symmetric matrices and their negative eigenvalues. *Linear Algebra and its Applications*, 640(??):6–11, May 1, 2022. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379522000192>.

Monterde:2023:FRB

[Mon23]

Hermie Monterde. Fractional revival between twin vertices. *Linear Algebra and its Applications*, 676(??):25–43, November 1, 2023. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379523002665>.

Mourrain:2020:MDL

[MO20]

Bernard Mourrain and Alessandro Oneto. On minimal decompositions of low rank symmetric tensors. *Linear Algebra and its Applications*, 607(??):347–377, December 15, 2020. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520303207>.

[Mor20]

Morita:2020:RZF

Hideaki Morita. Ruelle zeta functions for finite digraphs. *Linear Algebra and its Applications*, 603(??):329–358, October 15, 2020. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520303025>.

Mohar:2020:NKH

[Moh20]

Bojan Mohar. A new kind of Hermitian matrices for digraphs. *Linear Algebra and its Applications*, 584(??):343–352, January 1, 2020. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379519304136>.

[Mor22]

Morales:2022:LSO

John Vincent S. Morales. Linking the special orthogonal algebra \mathfrak{so}_4 and the tetrahedron algebra \otimes . *Lin-*

Linear Algebra and its Applications, 637(??):212–239, March 15, 2022. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379521004389>.

Mori:2023:DMN

[Mor23]

Michiya Mori. On the distance from a matrix to nilpotents. *Linear Algebra and its Applications*, 679(??):99–103, December 15, 2023. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379523003476>.

Mastnak:2021:LGR

[MORŠ21]

Mitja Mastnak, Matjaž Om-ladič, Heydar Radjavi, and Klemen Šivic. Local and global reducibility of spaces of nilpotent matrices. *Linear Algebra and its Applications*, 611(??):260–278, February 15, 2021. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520305140>.

Mal:2020:CSO

[MP20a]

Arpita Mal and Kallol Paul. Characterization of k -smooth operators between Banach spaces. *Linear Algebra and its Applications*, 586(??):296–307, February 1,

2020. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379519304471>.

Myskova:2020:SIM

[MP20b]

Helena Mysková and Ján Plavka. On the solvability of interval max-min matrix equations. *Linear Algebra and its Applications*, 590(??):85–96, April 1, 2020. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379519305245>.

Moon:2021:LUB

[MP21]

Sunyo Moon and Seungkook Park. Lower and upper bounds for the number of distinct eigenvalues of a perturbed regular matrix pencil. *Linear Algebra and its Applications*, 626(??):171–187, October 1, 2021. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379521002251>.

Martinez-Penas:2022:TAL

[MP22]

Umberto Martínez-Peñas. Theory and applications of linearized multivariate skew polynomials. *Linear Algebra and its Applications*, 637(??):1–23, March 15, 2022. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856

(electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379523002616>.

Marijuan:2023:NSS

[MP23a]

C. Marijuán and M. Pisonero. A note for the SNIEP in size 5. *Linear Algebra and its Applications*, 675(??):338–343, October 15, 2023. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379523002616>.

Moon:2023:SNF

[MP23b]

Sunyo Moon and Seungkook Park. The Smith normal form of the walk matrix of the extended Dynkin graph \tilde{D}_n . *Linear Algebra and its Applications*, 678(??):169–190, December 1, 2023. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379523003014>.

Myskova:2024:RIM

[MP24]

Helena Myšková and Ján Plavka. Regularity of interval max-plus matrices. *Linear Algebra and its Applications*, 680(??):28–44, January 1, 2024. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S002437952300335X>.

Mainar:2022:ACW

E. Mainar, J. M. Peña, and B. Rubio. Accurate computations with Wronskian matrices of Bessel and Laguerre polynomials. *Linear Algebra and its Applications*, 647(??):31–46, August 15, 2022. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379522001495>.

Mainar:2024:ABF

[MPR24]

E. Mainar, J. M. Peña, and B. Rubio. Accurate bidiagonal factorization of quantum Hilbert matrices. *Linear Algebra and its Applications*, 681(??):131–149, January 15, 2024. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379523004068>.

Morfonios:2021:CPG

[MPRS21]

C. V. Morfonios, M. Pyzh, M. Röntgen, and P. Schmelcher. Cospectrality preserving graph modifications and eigenvector properties via walk equivalence of vertices. *Linear Algebra and its Applications*, 624(??):53–86, September 1, 2021. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379521001495>.

com/science/article/pii/S0024379521001610.

Manjegani:2022:AFI

[MPS22]

S. M. Manjegani, A. Peperko, and H. Shokooch Saljooghi. Asymptotic formulae and inequalities for point spectrum in max algebra. *Linear Algebra and its Applications*, 634(??):112–136, February 1, 2022. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379521003967>.

[MR21a]

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Martinez-Rivera:2021:MWI

Xavier Martínez-Rivera. On 0–1 matrices whose inverses have entries of the same modulus. *Linear Algebra and its Applications*, 622(??):333–354, August 1, 2021. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379521001488>.

Monsalve:2021:ESR

[MPS24]

Muhammad Syifa’ul Mufid, Ebrahim Patel, and Sergei Sergeev. Solving linear equations over maxmin- ω systems. *Linear Algebra and its Applications*, 681(??):21–46, January 15, 2024. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379523003865>.

[MR21b]

Juan Monsalve and Juan Rada. Extremal spectral radius of graphs with rank 4. *Linear Algebra and its Applications*, 609(??):1–11, January 15, 2021. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520303906>.

Miao:2020:GTF

[MQW20]

Yun Miao, Liqun Qi, and Yimin Wei. Generalized tensor function via the tensor singular value decomposition based on the T -product. *Linear Algebra and its Applications*, 590(??):258–303, April 1, 2020. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520303906>.

[MRT20]

Miro-Roig:2020:WLP

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Mendoza:2020:SMH

[MRV20]

Alberto Mendoza, Lázaro Recht, and Alejandro Varela. Supports for minimal Hermitian matrices. *Linear Algebra and its Applications*, 584(??):458–482, January 1, 2020. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S002437951930401X>.

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Marcoux:2020:DCS

[MRZ20]

Laurent W. Marcoux, Heydar Radjavi, and Yuanhang Zhang. Off-diagonal corners of subalgebras of $\mathcal{L}(C^n)$. *Linear Algebra and its Applications*, 607(??):58–88, December 15, 2020. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520303657>.

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Marcoux:2022:DRS

[MRZ22]

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Majdak:2021:CEL

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Matsuda:2022:IGO

- [MS22] Takeru Matsuda and Tasuku Soma. Information geometry of operator scaling. *Linear Algebra and its Applications*, 649(??):240–267, September 15, 2022. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S002437952200180X>. [MST24a]

Madler:2024:MTM

- [MS24a] Conrad Mädler and Konrad Schmüdgen. On the matricial truncated moment problem. II. *Linear Algebra and its Applications*, 702(??):63–97, December 1, 2024. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379524003288>. [MST24b]

Molnar:2024:SAP

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Manainen:2024:GEC

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- [MSX22] **Momihara:2022:SMM** Koji Momihara, Sho Suda, and Qing Xiang. Square $(1, -1)$ -matrices with large determinants and near-Hadamard matrices. *Linear Algebra and its Applications*, 654(??):28–55, December 1, 2022. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379522003123>. [MT21a]
- [MSZ21] **Massey:2021:SSH** Pedro Massey, Demetrio Stojanoff, and Sebastián Zárate. The spectral spread of Hermitian matrices. *Linear Algebra and its Applications*, 616(??):19–44, May 1, 2021. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520306030>. [MT21b]
- [MSZ23] **Morozov:2023:ORA** Stanislav Morozov, Matvey Smirnov, and Nikolai Zamrashkin. On the optimal rank-1 approximation of matrices in the Chebyshev norm. *Linear Algebra and its Applications*, 679(??):4–29, December 15, 2023. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379523003373>. [MT22]
- Manuilov:2021:KTT** Vladimir Manuilov and Evgenij Troitsky. On Kuiper type theorems for uniform Roe algebras. *Linear Algebra and its Applications*, 608(??):387–398, January 1, 2021. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520304523>.
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Mitamura:2023:MUB

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Takuma Mitamura and Akira Tanaka. Minimum upper bound of the Cayley transform of an orthogonal matrix multiplied by signed permutation matrices. *Linear Algebra and its Applications*, 659(??):24–32, February 15, 2023. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379522004153>.

McDonald:2023:DSS

[MvWC23]

André M. McDonald, Michaël A. van Wyk, and Guanrong Chen. A direct solution to the stochastic inverse eigenvalue problem for complex-valued eigenspectra. *Linear Algebra and its Applications*, 658(??):262–282, February 1, 2023. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379522004050>.

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[Mur22]

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Matras:2024:MDS

[MvWZ24]

Paweł Matraś, Leon van Wyk, and Michał Ziembowski. On the maximum dimensions of subalgebras of $M_n(K)$ satisfying two related identities. *Linear Algebra and its Applications*, 698(??):73–93, October 1, 2024. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379524002507>.

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[MV24]

Jeroen Meulewaeter and Hendrik Van Maldeghem. 3-uniform hypergraphs from vector spaces. *Linear Algebra and its Applications*, 690(??):91–111, June 1, 2024. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379524000922>.

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Mroz:2022:WRE

[MZ22]

Andrzej Mróz and Katarzyna Zajac. Weyl roots and equivalences of integral quadratic forms. *Linear Algebra and its Applications*, 650(??):210–235, October 1, 2022. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379522002233>.

Marcellan:2024:BML

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Francisco Marcellán and Ignacio Zurrián. Bispectrality for matrix Laguerre–Sobolev polynomials. *Linear Algebra and its Applications*, 697(??):131–145, September 15, 2024. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379523003555>.

Mulas:2024:TNG

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Nagano:2023:RTR

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[Naj20]

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[Nar23]

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[Nay23]

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theorem on singular values. *Linear Algebra and its Applications*, 679(??):231–245, December 15, 2023. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379523003543>. ■

Novanta:2021:QIG

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Anderson Fernandes Novanta, Leonardo de Lima, and Carla Silva Oliveira. Q -integral graphs with at most two vertices of degree greater than or equal to three. *Linear Algebra and its Applications*, 614(??):144–163, April 1, 2021. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520301555>.

Neri:2020:SEG

[Ner20]

Alessandro Neri. Systematic encoders for generalized Gabidulin codes and the q -analogue of Cauchy matrices. *Linear Algebra and its Applications*, 593(??):116–149, May 15, 2020. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520300616>.

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[NGK23]

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Smoothed separable nonnegative matrix factorization. *Linear Algebra and its Applications*, 676(??):174–204, November 1, 2023. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379523002732>. ■

Ngo:2024:MVE

[Ngo24]

Hieu T. Ngo. A matrix variant of the Erdős–Falconer distance problems over finite field. *Linear Algebra and its Applications*, 694(??):335–359, August 1, 2024. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379524001745>.

Nica:2020:CRL

[Nic20]

Bogdan Nica. Cut ratios and Laplacian eigenvalues. *Linear Algebra and its Applications*, 593(??):18–28, May 15, 2020. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520300422>.

Nica:2024:INR

[Nic24]

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- 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379523004019>. [NN24a]
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Marek Niezgoda. Further results on the concavity of operator means. *Linear Algebra and its Applications*, 690(??):186–198, June 1, 2024. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379524000934>. [NN24b]
- [Nis24] **Nishijima:2024:LCF**
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- [NMS20] **Niv:2020:OAS**
Adi Niv, Marie MacCaig, and Sergei Sergeev. Optimal assignments with supervisions. *Linear Algebra and its Applications*, 595(??):72–100, June 15, 2020. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S002437952030104X>. [NPHT20]
- Nakatsukasa:2024:NH**
Yuji Nakatsukasa and Vanni Noferini. Nick Higham (1961–2024). *Linear Algebra and its Applications*, 698(??):1–4, October 1, 2024. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379524002039>.
- Nguyen:2024:PSI**
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Sebastian Neumayer, Max Nimmer, Simon Setzer, and Gabriele Steidl. On the rotational invariant L_1 -norm PCA. *Linear Algebra and its Applications*, 587(??):243–270, February 15, 2020. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379519304756>.
- Neri:2020:ECL**
Alessandro Neri, Sven Puchinger,

and Anna-Lena Horlemann-Trautmann. Equivalence and characterizations of linear rank-metric codes based on invariants. *Linear Algebra and its Applications*, 603(??):418–469, October 15, 2020. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520303050>.

[NPSE24]

Navarro-Perez:2024:EFC

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Napp:2021:MBL

[NPKT21]

Diego Napp, Raquel Pinto, Elif Saçıkara, and Marisa Toste. A matrix based list decoding algorithm for linear codes over integer residue rings. *Linear Algebra and its Applications*, 614(??):376–393, April 1, 2021. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520304535>.

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Noferini:2024:GFN

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Napp:2022:SRC

[NPR22]

Diego Napp, Raquel Pinto, and Conceição Rocha. State representations of convolutional codes over a finite ring. *Linear Algebra and its Applications*, 640(??):48–66, May 1, 2022. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379521004353>.

[NS21]

Nechita:2021:GCI

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Needham:2022:AFH

[NS22]

Tom Needham and Clayton Shonkwiler. Admissibility and frame homotopy for quaternionic frames. *Linear Algebra and its Applications*, 645(??):237–255, July 15, 2022. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379522001318>.

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Vanni Noferini and Paul Van Dooren. On computing root polynomials and minimal bases of matrix pencils. *Linear Algebra and its Applications*, 658(??):86–115, February 1, 2023. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379522003901>.

Neuman:2023:RRG

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[NV23b]

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Nishida:2022:CTP

[NYW22]

Yuki Nishida, Akira Yamada, and Yoshihide Watanabe. Characterization of tropical projective quadratic plane curves in terms of the eigenvalue problem. *Linear Algebra and its Applications*, 644(??):172–191, July 1, 2022. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379522003718>.

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Nielsen:2024:MFR

[NZ24]

Pace P. Nielsen and Yiqiang Zhou. Maximally-fine rings. *Linear Algebra and its Applications*, 680(??):45–64, January 1, 2024. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379523003683>.

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Suil O. Spectral radius and matchings in graphs. *Linear Algebra and its Applications*, 614(??):316–324, April 1, 2021. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520302950>.

O:2022:CDS

[O.22]

Suil O. Colorings in digraphs from the spectral radius. *Linear Algebra and its Applications*, 654(??):1–9, December 1, 2022. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379522003056>.

Oboudi:2022:SSL

[Obo22]

Mohammad Reza Oboudi. On the smallest signless Laplacian eigenvalue of graphs. *Linear Algebra and its Applica-*

tions, 637(??):138–156, March 15, 2022. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379521004304>.

Oboudi:2024:EGN

[Obo24a]

Mohammad Reza Oboudi. Energy of graphs with no eigenvalue in the interval $(-1, 1)$. *Linear Algebra and its Applications*, 680(??):126–136, January 1, 2024. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379523003622>.

Oboudi:2024:NTB

[Obo24b]

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Oliveira:2021:LGT

[OdFVM21]

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O'Brien:2020:ASB

[OJQ20]

Cian O'Brien, Kevin Jennings, and Rachel Quinlan. Alternating signed bipartite graphs and difference-1 colourings. *Linear Algebra and its Applications*, 604(??):370–398, November 1, 2020. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520303219>.

OLoughlin:2023:SMR

[O'L23]

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José Alves Oliveira. Equivalence, group of automorphism and invariants of a family of rank metric codes arising from linearized polynomials. *Linear Algebra and its Applications*, 630(??):274–292, December 1, 2021. CODEN LAAPAW. ISSN 0024-3795 (print),

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Omidvar:2020:BBN

[OM20]

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Onn:2021:LSO

[Onn21]

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Ooga:2024:MPT

[ONW24]

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Orera:2021:ADS

[OP21]

H. Orera and J. M. Peña. Accurate determinants of some classes of matrices. *Linear Algebra and its Applications*, 630(??):1–14, December 1, 2021. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379521002858>.

Ozaslan:2023:MIA

[OPA23]

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Oh:2022:IGS

[OPPS22]

Semin Oh, Jeong Rye Park, Jongyook Park, and Yoshio Sano. On Q -integral graphs with Q -spectral radius 6. *Linear Algebra and its Applications*, 654(??):267–288, December 1, 2022. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379522003159>.

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O'Brien:2022:ASM

[OQ22]

Cian O'Brien and Rachel Quinlan. Alternating sign matrices of finite multiplicative order. *Linear Algebra and its Applications*, 651(??):332–358, October 15, 2022. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379522002178>.

Omladic:2023:ACS

[ORŠ23]

Matjaž Omladič, Heydar Radjavi, and Klemen Šivic. On approximate commutativity of spaces of matrices. *Linear Algebra and its Applications*, 676(??):251–266, November 1, 2023. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379523002513>.

Omirov:2024:DSL

[ORS24]

B. A. Omirov, I. S. Rakhimov, and G. O. Solijanova. The description of solvable Lie superalgebras of maximal rank. *Linear Algebra and its Applications*, 695(??):136–162, August 15, 2024. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379524001952>.

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Pate:2020:IMF

Thomas H. Pate. Independent multistructures, flag structures, and sets of linearly independent polar elements. *Linear Algebra and its Applications*, 589(?):103–129, March 15, 2020. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379519305373>.

Pawlowski:2024:FOH

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Panja:2023:ACG

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Pankov:2024:NSW

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Paparella:2024:MVC

[Pen24]

- [Pet21] **Petrullo:2021:PRA** P. Petrullo. Palindromic Riordan arrays, classical orthogonal polynomials and Catalan triangles. *Linear Algebra and its Applications*, 618(??):158–182, June 1, 2021. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379521000598>.
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Pagacz:2020:BNI

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Patryk Pagacz, Paweł Pietrzycki, and Michał Wojtylak. Between the von Neumann inequality and the Crouzeix conjecture. *Linear Algebra and its Applications*, 605(??):130–157, November 15, 2020. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520303256>.

Pankov:2021:GGG

[PPŻ21]

Mark Pankov, Krzysztof Petelczyc, and Mariusz Żynel. Generalized Grassmann graphs associated to conjugacy classes of finite-rank self-adjoint operators. *Linear Algebra and its Applications*, 627(??):1–23, October 15, 2021. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379521002391>.

Pankov:2023:AGC

[PPŻ23]

Mark Pankov, Krzysztof Petelczyc, and Mariusz Żynel. Automorphisms of graphs corresponding to conjugacy classes of finite-rank self-adjoint operators. *Linear Algebra and its Applications*, 674(??):192–207, October 1, 2023. CODEN LAA-

PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379523002136>.

Perez:2022:LRM

[PQ22]

Javier Pérez and María C. Quintana. Linearizations of rational matrices from general representations. *Linear Algebra and its Applications*, 647(??):89–126, August 15, 2022. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379522001525>.

Parzygnat:2022:NCB

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Arthur J. Parzygnat and Benjamin P. Russo. A non-commutative Bayes' theorem. *Linear Algebra and its Applications*, 644(??):28–94, July 1, 2022. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379522000805>.

Petek:2022:PUG

[PR22b]

Tatjana Petek and Gordana Radić. Preservers of unitary group or equivalence by unitaries. *Linear Algebra and its Applications*, 633(??):1–22, January 15, 2022. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379522000805>.

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Pranesh:2020:BEC

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Srikara Pranesh. Backward error and condition number of a generalized Sylvester equation, with application to the stochastic Galerkin method. *Linear Algebra and its Applications*, 594(??):95–116, June 1, 2020. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520300847>.

Preusser:2020:RDU

[Pre20]

Raimund Preusser. Reverse decomposition of unipotents over noncommutative rings I: General linear groups. *Linear Algebra and its Applications*, 601(??):285–300, September 15, 2020. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520302512>.

Price:2022:SST

[Pri22]

Geoffrey L. Price. On skew-symmetric Toeplitz matrices over finite fields with periodicity conditions. *Linear Algebra and its Applications*, 642(??):101–117, June 1, 2022. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379522001173>.

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Paras:2020:PIS

[PS20]

Agnes T. Paras and Jenny R. Salinas. The product of an involution and a skew-involution. *Linear Algebra and its Applications*, 584(??):431–437, January 1, 2020. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379519304240>.

Prajapati:2022:ORQ

[PS22]

Anshul Prajapati and Punit Sharma. Optimizing the Rayleigh quotient with symmetric constraints and its application to perturbations of structured polynomial eigenvalue problems. *Linear Algebra and its Applications*, 645(??):256–277, July 15, 2022. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379522001173>.

Pavlikova:2023:MPP

[PŠ23a]

Soňa Pavlíková and Daniel Ševčovič. On the Moore–Penrose pseudo-inversion of block symmetric matrices and its application in the graph theory. *Linear Algebra and its Applications*, 673(??):280–303, September 15, 2023. CODEN LAAPAW.

PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379523001994>.

Porcelli:2023:NSC

[PS23b]

Margherita Porcelli and Valeria Simoncini. Numerical solution of a class of quasi-linear matrix equations. *Linear Algebra and its Applications*, 664(??):349–368, May 1, 2023. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379523000307>.

Parraud:2024:AFT

[PS24a]

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Potts:2024:AAM

[PS24b]

Daniel Potts and Pascal Schröter. ANOVA approximation with mixed tensor product basis on scattered points. *Linear Algebra and its Applications*, 697(??):528–560, September 15, 2024. CODEN LAA-PAW. ISSN 0024-3795 (print),

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Pickmann-Soto:2020:IME

[PSAPNV20]

H. Pickmann-Soto, S. Arela-Pérez, Hans Nina, and Elvis Valero. Inverse maximal eigenvalues problems for Leslie and doubly Leslie matrices. *Linear Algebra and its Applications*, 592(??):93–112, May 1, 2020. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520300239>.

Pellegrino:2020:UMF

[PSRS20]

Daniel Pellegrino, Diana Serrano-Rodríguez, and Janiely Silva. On unimodular multilinear forms with small norms on sequence spaces. *Linear Algebra and its Applications*, 595(??):24–32, June 15, 2020. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520300999>.

Patnaik:2023:ASI

[PSW23]

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Pinasco:2021:OPA

[PSZ21]

Damián Pinasco, Ezequiel Smucler, and Ignacio Zalduendo. Orthant probabilities and the attainment of maxima on a vertex of a simplex. *Linear Algebra and its Applications*, 610(??):785–803, February 1, 2021. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520304961>.

Pascoe:2022:MPP

[PTD22]

J. E. Pascoe and Ryan Tully-Doyle. Monotonicity of the principal pivot transform. *Linear Algebra and its Applications*, 643(??):161–165, June 15, 2022. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379522000593>.

Pitrik:2021:DCI

[PV21a]

József Pitrik and Dániel Virosztek. A divergence center interpretation of general symmetric Kubo–Ando means, and related weighted multivariate operator means. *Linear Algebra and its Applications*, 609(??):203–217, January 15, 2021. CODEN LAA-PAW. ISSN 0024-3795 (print),

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Podesta:2021:IEN

[PV21b]

Ricardo A. Podestá and Dennis E. Videla. Integral equienergetic non-isospectral unitary Cayley graphs. *Linear Algebra and its Applications*, 612(??):42–74, March 1, 2021. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S002437952030553X>.

Pelantova:2022:PRI

[PV22]

Edita Pelantová and Tomáš Vávra. On positional representation of integer vectors. *Linear Algebra and its Applications*, 633(??):316–331, January 15, 2022. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379521003839>.

Price:2019:STM

[PW19]

Geoffrey Price and Myles Wortham. On sequences of Toeplitz matrices over finite fields. *Linear Algebra and its Applications*, 561(??):63–80, January 15, 2019. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/>

S0024379518304464. See corrigendum [PW20].

Price:2020:CST

[PW20]

Geoffrey Price and Myles Wortham. Corrigendum to: “On sequences of Toeplitz matrices over finite fields” [Linear Algebra Appl. **561** (2019) 63–80]. *Linear Algebra and its Applications*, 590(??):330–332, April 1, 2020. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520300124>. See [PW19].

Poon:2021:IMC

[PW21]

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Pei:2023:PPT

[PWW23]

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1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379523001052>.

Palsberg:2024:OIQ

[PY24]

Jens Palsberg and Nengkun Yu. Optimal implementation of quantum gates with two controls. *Linear Algebra and its Applications*, 694(??):206–261, August 1, 2024. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379524001356>.

Polverino:2020:NRS

[PZ20]

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Qian:2021:MIE

[QCCS21]

Lilong Qian, Lin Chen, Delin Chu, and Yi Shen. A matrix inequality for entanglement distillation problem. *Linear Algebra and its Applications*, 616(??):139–177, May 1, 2021. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379521001052>.

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Qiu:2023:GSC

[QJMW23]

Lihong Qiu, Yizhe Ji, Lihuan Mao, and Wei Wang. Generalized spectral characterizations of regular graphs based on graph-vectors. *Linear Algebra and its Applications*, 663(??):116–141, April 15, 2023. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S002437952300006X>.

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Shao:2021:DBE

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Salehi:2020:HOS

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Sepitka:2021:CIL

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Saha:2021:CNN

[Sim20]

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Simson:2020:CTC

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Samanta:2021:BEC

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Simson:2021:CSC

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Skripka:2020:TBM

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Singla:2021:GDN

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Skripka:2024:TSB

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Sammour:2022:GAN

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Sanchez:2020:EUD

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Sun:2020:SPZ

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Shi:2021:TCP

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Sun:2022:NES

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Slowik:2020:SCE

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R. Slowik. Some (counter)examples on totally positive Riordan arrays. *Linear Algebra and its Applications*, 594(??):117–123, June 1, 2020. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520300938>. See corrigendum [Slo21a].

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Sain:2024:LPO

[SMP24]

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Schmitt:2022:SRS

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Philipp Schmitt and Matthias Schötz. Symmetry reduction of states II: a non-commutative Positivstellensatz for CP^n . *Linear Algebra and its Applications*, 649(??):326–353, September 15, 2022. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379522001987>.

Samanta:2023:BCO

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Solymosi:2023:CMS

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Sun:2023:HDD

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Shapiro:2024:RGP

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Stochel:2024:HCT

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Sarathkumar:2024:GSA

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Saha:2022:LSU

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Song:2021:CCB

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Szigeti:2020:PCH

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Seeger:2020:SMI

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Sano:2022:KMM

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Takashi Sano and Kazuki Takeuchi. Kraus matrices and matrix convex functions. *Linear Algebra and its Applications*, 649(??):268–272, September 15, 2022. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S002437952200194X>. ■

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