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

$AXA = XAX$ [Djo23]. b [ZL23c]. \otimes [Mor22].
 c [GS21a, vdMvSW24]. C^* [CMM20]. C^n
[EJL20]. C^* [BH24, CN20a, CDR23, EE23,
FPS22, Ham22, MS24, Sin21, XY20b]. C_2
[RT21]. C_3 [LMX23]. C_3^- [WHL24]. C_5
[MLH22]. C_6 [MLH22]. \mathcal{T} [CN20a]. D
[KP21, Kus23, Zha21, vED22]. D_n
[Sim21, WWG22, Wan23]. \det^{S^3} [LS24a]. ℓ^∞
[FISW21]. ℓ^p [HJ24].
 $\eta(G, \sigma) = |V(G)| - 2m(G) + 2c(G) - 1$
[LW21d]. $F_{q^6} \times F_{q^6}$ [BCM21]. G [CDD21,
CL22, GG21, AAMR20, DY24, ZWT21].
 $G^*JG = J$ [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 [FSRVST22, LL21d,
AdLN23, BCE21, Fio20, HJBKR24, HL20,
HLS21b, KLSP24, Le22, MP20a, OdFVM21,
SSP22, SWW22, SSvW20, VTBC20,
WSW20, Yaz21, Zhe20, ZBWL20]. $K_{1,t}$
[ZL22]. $K_{2,t}$ [LLW23]. $K_{3,3}/K_{2,4}$ [WCF21].
 K_5^- [Wan24]. $\{K_{k+1}, L_s\}$ [ZY24]. L
[BM22, JLW22]. l^∞ [Yu20]. L_+^n [HS23b]. L_1
[NNSS20]. λ [Mif21]. $[g]/2$ [DY24].
 $[g]/2 - 1$ [DY24]. ≤ 4 [Com21]. LU [LY20].
 M [CS21, DMS20, KLS21, Men22, Beh21,
BCG24, EJL20, GvRR+21b, JJS20a,
SZH22, ZZY24]. M_n [BSC23]. $M_n(E)$
[Fid22]. $M_n(F_2)$ [Šte22b]. 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]. $\mathcal{CX} \otimes \mathcal{BH}$
[EE23]. \mathcal{D}_α [DPR20]. $\mathcal{L}(C^n)$ [MRZ20]. $\mathcal{L}(H)$
[Wój22b]. $\mathcal{L}(l_2^2)$ [Wój22b]. $f\uparrow(2, \mathbf{C})$ [JL22].
 $f\lambda_4$ [Mor22]. L [BES21]. N [CT20, CK21,
JKX20, BDNO20, BCE21, CW23a, CW23b,
HHS21, LP21, SZH22, ZWT21].
 $n(G) - g(G) - 1$ [CL22]. $n - 3$
[TWW20, TW21]. $n - g$ [ZWT21]. $n = 2, 3, 4$
[SZH22]. $n \equiv 0 \pmod{4}$ [Wan23]. $n \times n$
[DZCY22, SSvW20]. $O(n)$ [TP23]. $O(q, k)$
[HHS20b]. ω [MPS24]. $\Omega(2^n/n)$ [Sha22]. P
[CK21, MC21b, ME21, AAFM23, AdST22,
BM22, CI21, KLLW21, LL21a, dSP20a,
ZKLS20]. $p(\lambda)$ [GvRR+23]. $p(X) = A$
[GvRR+23]. ± 1 [HT23]. ψ_S [AP20].
 $\text{PSL}(3, \mathbf{C})$ [BCNS22]. Q [HLN24, JLW22,
LMX23, OPSS22, Sud22, Tan23, ZL22,
AKVS23, BPS23, CKOS22, Hom20,
KAGH24, Lee20, LHZ21, Ner20, ZZ20]. $q + 1$
[Hom20]. $q + 2$ [Hom20]. Q_0
[CESS21, SNK22]. r [LC20]. R^d [DO22]. R_0
[ME21]. ρ [KZ24]. S [DP23, AK20, BNS22].
 S_n [HMS21]. $s \geq 3$ [BNS22]. sl_n [Bar22]. SR
[FRS21]. \star [Ham22]. $\text{SU}(2)$ [SoI20]. 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].

-1 [AdLN23]. **-actions** [Gor24]. **-algebra**
[CDR23]. **-algebras** [CMM20, CN20a,
CAEH+22, EE23, FPS22, Ham22, MS24].
-analogue [MMV22, Ner20]. **-analysis**
[AKVS23]. **-Bernstein** [MMV21]. **-Bures**
[DLVV21]. **-by-** [CN23a, CN23b].
-chromatic [Ere21]. **-circulant** [AAMR20].
-commutant [BPS23]. **-commuting**
[BPS23, LP21]. **-complex** [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]. **-factors** [ZL23c]. **-forest**
[BEF20]. **-frames** [LL21d]. **-free** [BES21,

LMX23, MLH22, WHL24, Wan24, ZY24].
 [?]free/Min:2022:SUB. **-functions** [Beh21].
-gain [Kha24]. **-graded**
 [GFD21, dAGK21, RT21]. **-gradings**
 [FGGG24]. **-graph** [GZZ21]. **-graphs**
 [LC20]. **-Hahn** [Lee20].
-hypercontractivity [JKX20].
-hyponormality [BCE21]. **-idempotent**
 [HL20]. **-independence** [Fio20]. **-index**
 [TCC21, CT23, JLW22, LTYZ23, LMX23,
 ZL22]. **-infinity** [WES21]. **-integral**
 [OPPS22]. **-intersecting** [WXY24].
-invariant [GG21, TP23]. **-inverses**
 [Dra23]. **-Isometric** [JJS20a]. **-isometries**
 [BCG24]. **-join** [CGP22, SMA21]. **-labelling**
 [SWW22]. **-line** [OdFVM21]. **-linear**
 [FSRVSST22]. **-Majorization** [vED22].
-matrices [DGS20, DGS23, EJS24, GS23b,
 MSX22, WW22, CS21, CT20, CK21, KLS21,
 Men22, Tan23]. **-matrix**
 [BM22, DMS20, LDSS20, SNK22].
-minimizer [HLN24]. **-minor**
 [WCF21, ZL22]. **-minor-free** [LLW23].
-module [XY20b]. **-nearest** [Yu20].
-nonnegative [vRvSTT21]. **-norm**
 [BM22, KLSP24, NNSS20]. **-normal**
 [LL21c]. **-norms** [CI21, FISW21].
-numerical [vdMvSW24]. **-operator**
 [KZ24]. **-orbit** [HMS21]. **-order** [SZH22].
-orthogonal [AP20]. **-palindromic** [BN23].
-phases [CDD21]. **-polynomial** [Sud22].
-positive [Le22]. **-power** [LL21a]. **-product**
 [MQW20]. **-property** [GOUY23, MC21b].
-rings [Ham22]. **-Schröder** [YZY24].
-selfadjoint [AMO24, GvRR⁺21b].
-semigroups [AG15, AG20]. **-semipositive**
 [HS23b]. **-skeleton** [KLR22]. **-smooth**
 [MP20a]. **-spanning** [HJBKR24]. **-specified**
 [AK20]. **-spectra** [JMP21b, DP23, Zha21].
-spectral [GS21a, KLLW21, WSW20,
 ZKLS20, BKPS23, DPR20, FW22, HLS22,
 LQ21, OPSP22, ZZ21, ZHW21]. **-spread**
 [LMG20]. **-stability** [KP21]. **-stable**
 [Kus23]. **-step** [BDV21]. **-sun** [AdST22].

-symmetries [AP20]. **-tensors** [BC24].
-term [FdCP20]. **-th** [CW23a, CW23b,
 GZZ21, GvRR⁺21b, dSP20a]. **-trees**
 [BEF20, OdFVM21]. **-Uniform** [MV24,
 SSP22, SWW22, WSW20, Zhe20, Zhe21].
-unitary [GvRR21a].

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

2-Cayley [Wfy24]. **2-Steiner** [AS22].
2022 [Ano22-62, Ano22-57, Ano22-49,
 Ano22-69, Ano22-66, Ano22-65, Ano22-61,
 Ano22-59, Ano22-64, Ano22-52, Ano22-53,
 Ano22-58, Ano22-72, Ano22-63, Ano22-70,
 Ano22-60, Ano22-71]. **2023**
 [Ano23-52, Ano23-57, Ano23-53, Ano23-50,
 Ano23-61, Ano23-62, Ano23-63, Ano23-71,
 Ano23-60, Ano23-51, Ano23-56, Ano23-54,
 Ano23-55, Ano23-49, Ano23-59, Ano23-65,
 Ano23-66, Ano23-68, Ano23-64, Ano23-69,
 Ano23-58, Ano23-67]. **2024**
 [Ano24-27, Ano24-38, Ano24-34, Ano24-39,
 Ano24-29, Ano24-30, Ano24-31, Ano24-36,
 Ano24-28, Ano24-32, Ano24-33, Ano24-37].
22nd [AHKT21].

436 [CdGS20]. **479** [BKSP23]. **486** [AG20].
520 [FJS21]. **532** [Hou20]. **553** [AAH⁺22].
561 [PW20]. **577** [Ali20]. **582** [KAPS20].
585 [AD20a]. **586** [JLM20a]. **594** [Slo21a].

595 [MH21].

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

ABC [LW20b, YD21, GLHNW20]. **Abel** [CN21a, CN22, CN23b]. **abelian** [BF24a, BL23, CW22, CK23a, KB22, MDH23, BFLT23, CL21]. **absolute** [StW22]. **absorbing** [CR21]. **abstract** [AFS⁺23, BDN24]. **accelerated** [OPA23]. **Accelerating** [BHD⁺21]. **Acceptability** [Pan23]. **Accuracy** [GNR20]. **Accurate** [MPR22, MPR24, MMV22, OP21, Yan21]. **achieve** [Sha22]. **acting** [BMR23]. **actions** [CXZ22, Gor24]. **acyclic** [DdF23]. **Addendum** [AAH⁺22]. **addition** [Arl20]. **additive** [GS20b, LP21, XX20]. **ADI** [Rob20]. **Adjacency** [CDVPT22, CL24, Coo20, HS23a, LL24a, AdL21, BGA22, BS23a, CGP22, Du23, LW21b, WZFW23, XW21]. **adjoint** [DH21, GLT21, PPŻ21, Pan22, PPŻ23, SZ20]. **adjointable** [AG15, AG20]. **adjointness** [AC21]. **adjugate** [CZ22b, RMG24]. **Admissibility** [NS22]. **admitting** [BL23]. **Affine** [BS20f, Rub22, BFO23, Hom20, LIW20, Yan22]. **affine-plane** [Hom20]. **after** [Bar20, JST21]. **Algebra** [AAH⁺22, AD20a, Ali20, AG20, BP23b, BDHS23b, BKSP23, CdGS20, FJS21, FHMP22, Hou20, JLM20a, KAPS20, MH21, PW20, Sło21a, SD21a, AOCM20, BK22, BE20, CW23a, CW23b, CCS22, CFR23, CDR23, CdSV22, DRG24, FM20a, FGGG24, FP22, FT23, GFD21, dAGK21, Jon21, KS24, KZPH22, LIW20, LP22, MPS22, Mor22, Mur22, PGST23, Sch24, SIW22, Vit21, WFSS20, Yas23, AHKT21]. **Algebraic** [AM21, HS23b, Tar20, AM23b, BEHK22, BF24b, Bri22, CF24, Das22, KS22a, KW20, MS24, BCP22]. **algebraically** [BHBO21]. **algebras** [ABCO22, AM21, AEGV21, Alt22, AOCM20, ABC⁺22, BS20b, BB22, BFLT23,

BF24a, BRL23, BCS24, Bez22, BDHS22, BDHS23b, BR24, Bla20, BDvW24, BS23a, BE20, BDV21, CGG⁺21, CMM20, CWW24, CN20a, CLW22, CdGS12, CdGS20, CZ20a, CMR20, CDG22b, Cos20b, Cra21, CMR21, CAEH⁺22, DdR20, DP21, DGdSS23, DHR20, DM24, EE23, Eld22, EGL21, FK23, FPS22, FGDY20, FKM22, FN23, GLNW24, GK22a, GT23, GKS21, GS20a, Gow20, GMP22, Ham22, HKS23, JLL20b, KK23a, KK23b, KY21, Kol21, KLL22, Kye23, LM22a, LNN⁺20, LS20b, MT21a, Mar21, Mig21, MRT20, MDH23, MS24, Rai23, Sas21, Sos23, SZ22b, Uru22, Vol23, WZL21, WZ23b, XY20a, XZ21, Yan22, ZG21, dMdSS23]. **algorithm** [Bär21a, BC22, BT20a, BHD⁺21, CT24, CLLK21, CZ20b, FM22a, KPP21, NPkT21, YOV21]. **Algorithmic** [CT20, VV22]. **Algorithms** [Boj21, BF24b, CLRT22, HNS21, fLLV20, LY20, Sch23, SZ21, SZ22a, VD22]. **ALIF** [BC22]. **allow** [BFF⁺23b, BFF⁺23a, Das22]. **allowed** [BBC⁺22b]. **Almost** [BDV21, AK23, BF24a, CDdM22, CD23a, CK21, DYLL23, FMR20, Roc20, Sło21b]. **almost-principal** [FMR20]. **almost-Riordan** [AK23, Sło21b]. **Alpha** [Min22]. **Alternating** [OJQ20, OQ22, EN22, KKS21, RZ24]. **alternative** [GvRR21a]. **Aluthge** [GOUY23, Yam21]. **amenable** [CN20a]. **among** [DJ23, LW21b]. **amplitudes** [JS22]. **analogue** [MMV22, Ner20]. **analysis** [AFSS20, AK20, AKVS23, AV23, BEFSC22, BDFF23, CW21, FKM20, GM20, GFW24, HH23a, LS24b, LHZ21, MMV21, Mis20, RRvW24, SDTR23, Szc21, WvdVvdH24]. **analytic** [AV23]. **Analyticity** [LL21b]. **Anderson** [BKPS23]. **Ando** [ACM20, BMS20, Gye23, LS20a, PV21a]. **angle** [DO22]. **angled** [FKK21a]. **angles** [BKRS20, BMPS23, ŠH21a]. **annihilated** [LTWW23]. **annihilating** [FG22]. **anomaly** [Dax23]. **Anti**

[FP22, AFSS20, BW22, FN23, TT21]. **anti-commutative** [FN23]. **anti-diagonal** [BW22]. **anti-dual** [TT21]. **Anti-isomorphisms** [FP22]. **anti-regular** [AFSS20]. **Anticodes** [BGLR22]. **Anticommutative** [Vol23]. **antilinear** [RT21, SZ20]. **antinorm** [GZ20b]. **any** [FJ24]. **Apéry** [MRT20]. **Appl** [AAH⁺22, AD20a, Ali20, AG20, BP23b, BDHS23b, BKSP23, CdGS20, FJS21, FHMP22, Hou20, JLM20a, KAPS20, MH21, PW20, Sło21a, SD21a]. **application** [AFK⁺23, ACM22, AP23, CKOS23, DMQD20, Fio20, Miy24, PŠ23a, PS22, Pra20, RSS21, SMP24, ZS22a]. **Applications** [CC22b, Kak20, KK20a, SZ22a, AWvW24, AAMR20, CST21, CCL21, Djo21, DL22, EGJP21, FISW21, GSS24, GCOP24, HCZ20, HLYZ23, HVX23, KS23c, KP21, LHFL20, MMV21, MP22, MG21, NN24, SWW22, SS24b, Wój22a]. **Applying** [LNN⁺20]. **approach** [AKVS23, AC22, Djo21, DFH⁺20, FGM21, GdM23, HT22, IB22, LT24, LHK20, Lin23, SK21a, SKS22, Ste21a, VS23, WZFW23]. **approaches** [Ghi20]. **Approximate** [AKN23, Wój22a, GNR20, HLW23, ORŠ23, dAdCG⁺21]. **Approximating** [AGKS23, Bar21b]. **Approximation** [FKMM21, RKBA21, ZRQK22, Bot21, CEF⁺22, CER⁺23, CKM20, FGM21, KKM22a, KPP21, KST22, MSZ23, Rao21, Rod21, SK21a, Wój22b]. **approximations** [CHHS20, DMQD20, GZ20b, LV22b, dHH23]. **April** [Ano20-63, Ano20-65, Ano21-53, Ano22-55, Ano22-62, Ano23-52, Ano23-57, Ano24-27, Ano24-35]. **arbitrary** [ABH⁺23, ADHM23, BDRS20, CGP22, FISW21, MMR20, VB20, WWJ20, WFGT20, ZHSX20]. **arboricity** [HXLL21]. **arcs** [KK20b]. **argument** [MB20]. **arise** [CGP21]. **arising** [BBS23, CER⁺23, KMZ20, MMZ20, Oli21]. **arithmetic** [BLS20, ES23]. **arithmetical** [DLL23, VV22]. **Arithmeticity** [BSS23]. **arrangements** [Win21]. **array** [He20, YY23, ZZJ23]. **arrays** [AK23, KNiO23, MMW22, Pet21, Sło20, Sło21a, Sło21b, SS23c, YY21]. **arrowhead** [CRSY22]. **Artin** [FKK21a]. **Artinian** [Alt22]. **ascent** [HP23b]. **Askey** [SS20]. **aspects** [Got20, VV22]. **assignment** [ZK21]. **assignments** [NMS20]. **associated** [AG15, AG20, BR22, BLS20, CCKM22, CA22, Chr24b, DZCY22, DM24, GLZ20, HCZ20, HP22, KL21a, KS22c, LW21a, MRT20, PPZ21, RW21a, Sta23b]. **association** [BMS21, LTTW22, XTLK23]. **associative** [Bri22]. **Asymptotic** [LLW21, MPS22, BCR⁺23, Du23, LLW20, RRvW24]. **asymptotically** [RT23, Roc20]. **asynchronous** [SDTR23]. **attaining** [BDSS21]. **attainment** [PSZ21]. **Audenaert** [DF20b]. **August** [Ano20-50, Ano20-52, Ano21-61, Ano22-57, Ano22-49, Ano23-53, Ano23-50]. **automata** [Phu24]. **Automatic** [PSW23]. **automorphic** [BKT23]. **automorphism** [Oli21, SZ22b]. **Automorphisms** [AM23a, Bez22, CGMP23, PPZ23, DGET21, FN23, MDH23]. **autoregression** [FKMM21]. **autoregressive** [GZ20a]. **averaging** [MA24]. **Avoiding** [BMPS23, OPA23].

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

[Bla20, BDF23, CL21, FQ20, GSS24, GFW24, GMR22, KCML20, LLW20, LLW21, LW21b, MQW20, NPkT21, NPHT20, QJMW23, SGGZ21, WXL24, XJLL23]. **bases** [AMO24, ADMZ21, BC24, HJBKR24, NWW20, NV23a]. **basic** [VS21]. **basis** [GZ23, LT24, MMV22, TL21, Yos21]. **Baxter** [MDH23]. **Bayes'** [PR22a]. **Bayesian** [DTA23]. **behavior** [GP20]. **Bell** [GZ20c, Li20a]. **below** [GK20]. **Berezin** [CF22]. **Berge** [KLLW21, ZKLS20]. **Bernoulli** [Kim20]. **Bernstein** [MMV21, MMV22]. **Bessel** [MPR22]. **Best** [Bot21, Rao21, Wój22b]. **Bethe** [FB21, YW22]. **Better** [OM20]. **Between** [PPW20, Ago24, BCE21, CMS21, CAEH⁺22, FPR20, GKS21, GMR22, IOT21, KS22c, Kye23, LL24a, MP20a, Min22, Mon23, Sán21, Sta23b, WFL20, WWY23, ZXZW23]. **betweenness** [DF20b, DF22]. **Beurling** [ACSS22]. **beyond** [RS21b, XZ23]. **Bhatia** [Roy24]. **Bhattacharya** [CLwW22, GF20]. **Bhattacharya-Mesner** [GF20]. **Bi** [CR23]. **Bi-isometries** [CR23]. **bicyclic** [DGS⁺21a, SWW21, YD21]. **bidegreed** [SSS21]. **bidagonal** [BFMM23, MPR24, MMV21, Tž23]. **bifurcation** [FHLS22]. **bifurcations** [Fik20]. **Bilinear** [SDS21, Bui21, Chr24b, KLLS22, Ros22, RSS21]. **binary** [BT20a, HP23a, May21, Sha22, SZH22, WJLW24]. **Binomial** [BCR20, Bay24]. **bipartite** [AD20a, AD20b, ADH⁺24, BJP21, BS23b, CWYZ23, CP21, Du23, GLZ21, JMP21a, Kub22, LG21a, LMX23, OJQ20, Sim21, SZ21]. **biregular** [FM20a, HP22]. **Biregularity** [RS21b]. **Birkhoff** [AGK⁺21, Shi22]. **Bivariate** [CCCS21, BCP24]. **Blanchfield** [BCP22]. **Blind** [GZ20a, KKM22b]. **Block** [CLRT22, HMPT20, AT24, BS20d, BJ23, CW21, CZ20b, CDG21, CDG22a, Dew21, DdR20, FGDY20, FLT20, FG20, HP23a, JGW24, LOŠ21a, LG21b, PŠ23a, RS21a, RKBA21, SZSMB20, VD22, XLS20, YOV21, ZL23a, ZL23b, dAdCG⁺21, KK23a]. **block-diagonal** [BS20d]. **block-Jacobi** [YOV21]. **Block-sparse** [HMPT20]. **block-triangular** [FGDY20]. **blocks** [BDK⁺24, BL24, CDG22a, DGS⁺21a, EGC21, KS20a, Sta20a]. **blow** [LZ21b, XHW23]. **blow-up** [LZ21b, XHW23]. **Board** [Ano20a, Ano20b, Ano20-27, Ano20-28, Ano20-29, Ano20-30, Ano20-31, Ano20-32, Ano20-33, Ano20-34, Ano20-35, Ano20-36, Ano20-37, Ano20-38, Ano20-39, Ano20-40, Ano20-41, Ano20-42, Ano20-43, Ano20-44, Ano20-45, Ano20-46, Ano20-47, Ano20-48, Ano20c, Ano20d, Ano20e, Ano20f, Ano20g, Ano20h, Ano20i, Ano20j, Ano20k, Ano20l, Ano20m, Ano20n, Ano20o, Ano20p, Ano20q, Ano20r, Ano20s, Ano20t, Ano20u, Ano20v, Ano20w, Ano20x, Ano20y, Ano20z, Ano21a, Ano21b, Ano21-27, Ano21-28, Ano21-29, Ano21-30, Ano21-31, Ano21-32, Ano21-33, Ano21-34, Ano21-35, Ano21-36, Ano21-37, Ano21-38, Ano21-39, Ano21-40, Ano21-41, Ano21-42, Ano21-43, Ano21-44, Ano21-45, Ano21-46, Ano21-47, Ano21-48, Ano21c, Ano21d, Ano21e, Ano21f, Ano21g, Ano21h, Ano21i, Ano21j, Ano21k, Ano21l, Ano21m, Ano21n, Ano21o, Ano21p]. **Board** [Ano21q, Ano21r, Ano21s, Ano21t, Ano21u, Ano21v, Ano21w, Ano21x, Ano21y, Ano21z, Ano22a, Ano22b, Ano22-27, Ano22-28, Ano22-29, Ano22-30, Ano22-31, Ano22-32, Ano22-33, Ano22-34, Ano22-35, Ano22-36, Ano22-37, Ano22-38, Ano22-39, Ano22-40, Ano22-41, Ano22-42, Ano22-43, Ano22-44, Ano22-45, Ano22-46, Ano22-47, Ano22-48, Ano22c, Ano22d, Ano22e, Ano22f, Ano22g, Ano22h, Ano22i, Ano22j, Ano22k, Ano22l, Ano22m, Ano22n, Ano22o, Ano22p, Ano22q, Ano22r, Ano22s, Ano22t, Ano22u, Ano22v, Ano22w, Ano22x, Ano22y, Ano22z, Ano23a, Ano23b, Ano23-27, Ano23-28, Ano23-29, Ano23-30, Ano23-31, Ano23-32, Ano23-33, Ano23-34, Ano23-35, Ano23-36,

Ano23-37, Ano23-38, Ano23-39, Ano23-40, Ano23-41, Ano23-42, Ano23-43, Ano23-44, Ano23-45, Ano23-46, Ano23-47, Ano23-48, Ano23c, Ano23d, Ano23e, Ano23f]. **Board** [Ano23g, Ano23h, Ano23i, Ano23j, Ano23k, Ano23l, Ano23m, Ano23n, Ano23o, Ano23p, Ano23q, Ano23r, Ano23s, Ano23t, Ano23u, Ano23v, Ano23w, Ano23x, Ano23y, Ano23z, Ano24a, Ano24b, Ano24c, Ano24d, Ano24e, Ano24f, Ano24g, Ano24h, Ano24i, Ano24j, Ano24k, Ano24l, Ano24m, Ano24n, Ano24o, Ano24p, Ano24q, Ano24r, Ano24s, Ano24t, Ano24u, Ano24v, Ano24w, Ano24x, Ano24y, Ano24z]. **Bogomolov** [Rai23]. **Bohemians** [CCGV⁺20]. **book** [TTV23]. **Boolean** [CKKR23, KCML20]. **Bordered** [Kli20a, CESS21]. **Bordering** [AFK⁺23]. **Borders** [AHKT21]. **Bose** [Mar21]. **Böttcher** [CKOS23]. **bound** [AAF23, AL23a, BT20b, FLRS20, Fio20, Hae21, LZZ23, LHZ21, MLH22, MT23, WG20a]. **boundary** [CEM21, KŠ22b]. **Bounded** [BDRS20, DS24, AGV20, BS20d, GK20, Lyu20, MS21, Nag23, RT23, WHM23]. **Boundedness** [SS23a, RAK21]. **Bounding** [CKOS22, ES23, GLS22, KL21b, ZS22a]. **Bounds** [DW21, GLHNW20, KKP21, LW21c, PP20, SK21b, WWT20, AOA23, ASS21, AGH20, AGNPSE23, BHHP21, BR22, BKPS23, Bhu24, CKTP20, CAJ21, CI21, DYB20, DK21, FQ20, FS23, Gan23, GMR21, IGW17, JZZ24, KL23, KCPMNS21, Kus23, MT21b, MP21, OM20, Ran23, Rum22, SZ23a, Skr20, Skr21, Sta20a, VCR21, WG20b, ZZ21, dHH23, CN24, GZ20b]. **Braess'** [Cia20a]. **braided** [Sol20]. **Brazil** [AHKT21]. **breaking** [AKL⁺21, BH24]. **bridge** [BCE21]. **bridges** [CGJvB22]. **Brouwer** [Coo21, GPRT20, Roc20, TT24]. **Brualdi** [YLCB21]. **Brualdi-type** [YLCB21]. **Bruhat** [FdCS20]. **Brunn** [LF20, ZJCA20]. **bundles** [DD23b]. **Bures** [DLVV21, Min22]. **caching** [FT23]. **Cadzow** [KPP21]. **cages** [HP22]. **Calabi** [GLNW24]. **calculus** [LMR21, NS21]. **Calderón** [GR22]. **can** [HMS21]. **canonical** [AMO24, GvRR21a, Li24, Sta21, SZ20]. **cardinality** [AGNPSE23, SS21b]. **Cartan** [CKL24, FKM22, Sim20]. **Cartesian** [TT24]. **case** [AS20a, CV21, GS21a, LTYZ23, Mañ22, Zem22]. **cases** [dSP22, dSP23b]. **Catalan** [Pet21]. **categories** [Ago24]. **Cauchy** [Ner20, Yan21]. **Cayley** [AY23, ASG22, AS23, BL22, BL23, CW22, CK23a, Ces20, DF20a, ET20, Hua22, KB22, Kad23, LW21a, MT23, MST24, Mur22, PV21b, SSvW20, WFY24]. **cellular** [Phu24]. **Cellularity** [XY20a]. **center** [CDM20, Cia20b, PV21a]. **Centers** [HLYZ23]. **Central** [CNO23, GFD21]. **centrality** [BD21a]. **centralizer** [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]. **Chains** [CGG⁺21, AHV20, CCPKP20, CK23b, CR21, DS20, HX24, LL20, VS20]. **Change** [JST21, AS24, GZ23, SD21a, SD21d, TLC20]. **change-of-basis** [GZ23]. **changes** [KK22b]. **channels** [AKL⁺21, GL21, LCH23]. **Characterisation** [Ram23]. **Characteristic** [JL22, Kad20, ABSV21, CB21, Cia20b, DvDW23, GM22, HY24, HHS20b, JR24, Kor21, KLLS22, LS20b, Pan23, YLZH21, Zhe21]. **characteristic-like** [GM22]. **characteristics** [AKPS19, BN23, KAPS20]. **Characterization** [AG21, MP20a, NYW22, TWW20, AMR20, AdST22, AK23, BP21b, BP23b, DMS20, DY23b, DdF23, FGGG24, MA22, MM21, NWW20, SC20a, SSS21, TW21, Lew21].

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[CMM20, Ime23, AAH⁺22, MC21b, ME21, NPHT20, QJMW23, QQM24, ZBCI21].

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[AHZ22, KSSW20, Tan23, VTBC20].

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[MSZ23, WCS20]. **Chebyshev-like**

[WCS20]. **checkerboards** [EJS24].

Cheeger [KMP23]. **Chief**

[Ano21-49, Bru21, Bru24]. **chiral**

[FP23]. **Cholesky** [Kim20]. **chordal**

[AJM21, AJM24]. **Chromatic** [CK23a,

Ere21, Gan23, PK21, WYF⁺20, WYQ21].

Chung [YZY24]. **circle**

[Adr22, BBCD21, FG20, FG23b]. **Circulant**

[DN21, AAMR20, ACOM21, CEJM21,

Che21, DS22, HP23a, LS23, ĐMM⁺22].

Circular [Lee22, TŽ23, GW20, PW21].

circularity [vdMvSW24]. **CKV** [CCL21].

CKV-type [CCL21]. **Clarkson** [BL20].

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[AR21, BCR⁺23, BSC23, CHT20, CESS21, EGV20, Fio20, Guo22, GLT23, Hu21, KS23a, KW20, Loe21, PS23b, SL20a, SL21].

Classes [BP21a, ACD22, BC24, GLZ20,

GK22b, KZPH22, ME21, MST24, OP21,

PPŽ21, Pan22, PPŽ23, WZ23b, ZM21].

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[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].

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[BDGY21, KN20]. **clustering** [AEGL21].

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[FG20, GP20]. **Co**

[VJ24, AV23, BPS23, ZBCI21].

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co-extensions [BPS23]. **co-isometric**

[AV23]. **coalgebras**

[FMS21, KUZ22, Pan21]. **cocharacters**

[CdSV22, Iop20]. **coclique** [SD21c]. **code**

[KCML20]. **coded** [FT23]. **Codes**

[BCR20, AGNPSE23, BZZ22, CM23b, CL21,

CXZ22, GL20a, GLT23, LLSV21, MMZ20,

NPkT21, NPR22, NPSE24, NPHT20, Ner20,

Oli21, ZT23]. **Codeterminantal** [AAHV22].

codimension [Alt22, MRT20].

codimensions [Riz23]. **coding** [KS22a].

coefficient [GZZ21, GQZ20, LL21b].

coefficients [Bay24, Du23, GP21, MMA22,

PP20, RS21a, VS23]. **cograph** [LL21e].

cographs [BR23a]. **Cohen** [FG22].

coherence [MB20]. **coherent** [Sud22].

cohomology [FKK21a]. **coin** [SMA20].

coincide [tHvdM21]. **cokernel** [CLS23].

Colin [MS20b]. **Collatz** [KL21a].

collection [MAG21]. **collocation** [MMV22].

Coloring [AMZ21, KKOO22]. **Colorings**

[O.22]. **colourings** [OJQ20]. **Column**

[Shi21b, RC23]. **columns** [FJ24].

Combinatorial

[AD24, AS23, Kub23, LS21, CST21, Got20].

Combinatorics [DS20, Gol20]. **common**

[LHK20]. **communicability** [HD22].

commutant [BPS23]. **Commutative**

[BE20, FN23, Got20, Mig21, PR22a, SS22,

Szc21]. **Commutativity** [Pan22, ORŠ23].

Commutator [CAJ21, CJ20, CKOS22].

commutators

[BDHS22, BDHS23b, BR23b, VZ20, ZS22a].

Commuting

[CMT21, BCG24, BPS23, BFPS21, BKS15,

BKSP23, Fek20, LP21, SS20, Xie21].

Comon [ZHSX20]. **compact**

[JLM20a, JLM20b, Pan22, Rao21, hB21].

compactly [AKPS19, KAPS20].

Comparative [ŠH21a]. **Comparing**

[CTS23, RZ24]. **Compatible**

[BKS15, BKSP23, Gor24, GFW24].

compensation [MM21]. **competition**

[CKKR23]. **complement**

[Dev22, MH20, MH21, TT21].
complementable [ACM20].
Complementarity
[BCFT21, CD23a, DY23b, FQ20, MG21,
MC21b, SS21b, SNK22, XX20].
Complementary [EGK⁺24, VD22].
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[ARS24, CMM22, LQL21, MK23, QLCM20].
Complete [AC21, FHMP21, FHMP22,
BG0021, CCPKP20, Coo20, IMT20, SC20a,
Shi21b, SSS21, SD21a, SD21d, TLC20,
Zhe20, Zhe21, tHvdM21]. **Completely**
[BLS20, JS22, AKN23, BHMU20, BKT23,
FOR22, GD20, LHFL20, SM23, ZFZ20].
completion [BT20a, BBS20, DAG21,
Kim22, SL20a, TL21]. **completions**
[CP21, EGC21]. **Complex**
[BFLT23, CFK⁺20, LWH21, XZWT20,
ACLS20, CDM21, ES20, EJL20, Fik20,
FP21, Har22, HHD20, HW21a, Kni20,
KP23b, LZZ23, LW21c, MRZ22, MvWC23,
dSP20a, SK21b, WCKQ20].
complex-valued [MvWC23]. **complexes**
[KMZ20]. **Complexifications** [IKLP20].
complexity [TTV23]. **component**
[FKMM21]. **components** [Van24a, Yaz21].
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[FKMM21]. **compressing** [Cos22].
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[FS20]. **Computation**
[SK21a, Bol21, CHHS20, DK21, MC21a,
NV23b, OSC20, Var21, Zhe20].
computational [Bai24, Men22, Sim20].
computations
[MPR22, MMV22, Mar21, Yan21].
computed [CKTP20]. **computing**
[AHZ22, KK20a, NV23a]. **Concavity**
[CZ22a, Shi20a, BW24, BO23, Nie24].
Concentration [HW20]. **concentric**
[PW21]. **concept** [KP21, SG20].
concerning [CJ20, FdCS20, GAM20, Gye23,
Iop20, Miy24, QJW20, Row20]. **condition**
[AJNS24, BCR⁺23, BS20e, CV21, DBV23,
Gal21, GLZ21, fLLV20, LG21a, Pra20, Sch23,
Van24b]. **Conditional** [BCE21, EM23].
Conditionally [JJLS23]. **conditions**
[BP21b, BP23b, HMPT20, HWD23, Kub23,
LBW23, Pri22, Tsa23, WZC23, ZWL20b,
ZWL20a, ZBWL20, ZL23c]. **cone**
[CIM22, GH23, GNR20, LV22b, MC21b].
cones [GKS21, HS23b, MS24, ST20].
Conference [AHKT21]. **configuration**
[cRLY20]. **configurations**
[CDG22b, Sud22]. **conformal** [BF24a].
Congruence [BFMS21, HWK21].
congruences [DY23a]. **conic** [LPV21].
conjecture [BD21a, BCM21, Buc20, CLL20,
CJ20, CLwW22, Coo21, FdCS20, GPRT20,
GdM23, Gau24, HLH23, HD22, KL21a,
Loe23, LZ21b, PPW20, Roc20, SD20, SL20b,
SD21a, SD21d, Tur21, WZ23a, XZ23, YW22,
ZL23b, ZHSX20, TT24]. **Conjectured**
[DID22, ELW24, GAMA20]. **Conjectures**
[BC22, KK22a, BEHK22, GLLZ20, KK20b,
SD21c]. **conjugacy** [PPZ21, Pan22, PPZ23].
Conjugate [EL20, CF24, ES20].
Connected
[LTYZ23, AHLvdH21, CCPKP20, CLL20,
CLT22, HLS21b, Kha24, dSP20a, SS21b,
WFGT20, WG20a, WZW⁺21, WLT22, ZG22,
ZWL20b, ZWL20a, ZBWL20, ZWT21].
connection [VS23]. **Connectivity**
[CDS21, HLX20, BEHK22, DPR20, HS22,
HWD23, WYF⁺20]. **conquer**
[BT20a, XBSF23]. **Consistent**
[Ais24, LG21b, SDTR23]. **consisting** [SZ20].
constant [JKS23, LL20, LLSV21, Rub22].
constants [CN24, Mfo22, RT23].
constrained [fLLV20]. **constraint** [ZMP23].
Constraints
[CFKO21, Coo21, BES21, PS22, SDS21].
Constructing
[HLS24, Kin21, LL21d, HJBKR24, XBSF23].
Construction [APNP⁺21, CL21, AO22,
CT20, ET20, cRLY20, PM23, QJW20, VS21].
Constructions
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CLS20, CPS20, CLZ20, CWZ22, CK23b,

Coo21, DDFM⁺21, ET20, Est20, FCLP22,

GM22, GPRT20, GH24, GZZ21, GMSG22,

HLW23, HLS21b, JT24, KKP21, LWB20,

LLW21, LQL21, LHH22, MK23, MT21b,

MZZ24, Nic20, Obo22, PK21, SSP22, SSS21, Sta20a, Sta23a, SD21b, SC23, TWW20, TW21, VTBC20, WYF⁺20, WZW⁺21, WMCQ23, XW21, XY20c, XZ23, XLYS20, ZXL20, ZG22, ZHG21, ZWL20b, ZWL20a]. **Laplacian-type** [LLW21]. **Laplacians** [Dev22, KLR22, LLWW23]. **large** [AvDF20, BFLT23, BW21, BF24b, CHHS20, cRLY20, MSX22, ZT23, ZWL20a]. **large-scale** [BW21, BF24b, CHHS20]. **larger** [dLMO20]. **largest** [ABG20, Csi22, LWB20, WWT20, WQP23, XLS20, YK21, YW23, YWF21]. **lattice** [ACDG21, KS22a, PGST23, Pol20, Ram23]. **lattice-subspaces** [Pol20]. **lattice-theoretical** [KS22a]. **lattices** [FK21, GGGD23]. **law** [KNiO23]. **Lax** [ACSS22]. **LCM** [GR21]. **learning** [ÁVKP20b]. **least** [Boj21, CW21, CKTP20, Ghi20, Hal20, LDSS20, RC23, SLTW22, SC20a, Sta20a]. **least-squares** [Hal20]. **Leavitt** [BS23a]. **Lefkovich** [APNP⁺21]. **Lefschetz** [MRT20]. **left** [AL23b, DHH⁺20, LS23]. **left-star** [DHH⁺20]. **Leibniz** [CNO23, LM22a, dMdSS23]. **lemma** [FHLS22, FGPW24, SMA21, KS22a]. **length** [JMP21a, RRvW24]. **Lengths** [Mig21]. **Lenstra** [FG22]. **Leslie** [PSAPNV20]. **less** [WQP23]. **level** [Sch23, Vol23, XX20]. **level-2** [Sch23]. **LeVerrier** [Bär21a]. **Levinger** [AC20a]. **liberation** [LOŠ23]. **Lidskii** [ŠH21a]. **Lie** [CdGS20, HMS21, ABCO22, BBNS22, BFLT23, BF24a, BRL23, BE20, BDV21, CWW24, CdGS12, CZ20a, CMR20, DM24, Eld22, GG21, GJV20, KK23a, KY21, KLLS22, LNN⁺20, LS20b, LP21, MDH23, PGST23, QSH22, Rai23, SSvW20, Yas23]. **Lieb** [AS20b]. **lifting** [BPS23]. **liftings** [MS21]. **lifts** [WZFW23]. **like** [AKVS23, ACOM21, CGJvB22, Dra23, ES20, GM22, GP21, WCS20]. **limit** [Bri22, Zem22]. **limitations** [BEFSC22]. **limited** [BW21, DK21]. **limiting** [RW22]. **limits** [BC21, CN20b, CR21, Mań22]. **Lindbladians** [Szc21]. **Lindenstrauss** [MB20]. **Line** [YW23, AAAH22, AL23a, CZG21, CLZ22, CDD21, De 20, HLS24, OdFVM21, Onn21, VZ20]. **Lineability** [FSRVSST22]. **Linear** [AAH⁺22, AD20a, Ali20, AG20, BP23b, BDHS23b, BKSP23, CdGS20, Cos20a, Cos21, Cos22, Cos24, FJS21, FHMP22, GS21c, GJKM21, GS23b, Hou20, HH23b, JLM20a, KAPS20, KLSP24, LTWW23, MH21, PW20, QSS22, Sto21a, SD21a, ZMP23, tHvdM21, AM23b, Ais24, Ans21, Arl20, ABCH23, AR21, BPZ21, BEF20, BDN24, BDHS23a, Boj21, BKS⁺21, BS21b, BK22, BS20g, CLZ22, CVV21, CD23a, CLZ20, CWYZ23, CI21, CMS21, CZ20a, Com21, CMM22, DN21, DJ23, FM22a, FQ20, FSRVSST22, FT23, GP21, GL20a, GJ23, GLT23, GS24, HLW23, HPSZ21, KS22a, KK20a, KHU23, KCML20, Kye23, LPS23, Lew21, LG21b, MAG21, MG21, MC21b, MKE⁺20, MPS24, NPkT21, NPHT20, dSP23a, Phu24, PLT23, PS23b, Pre20, Rei23, RW22, SDTR23, Sch24, ŠH21b, SL21, SNK22, ZK21, AHKT21]. **linear-algebraic** [KS22a]. **Linearity** [CKL24, Sán21]. **Linearization** [VS23]. **Linearizations** [PQ22, ADMZ21, DMQD20]. **linearized** [MP22, Oli21, PZ20, dVLG23]. **linearly** [GLP21, Pat20]. **lines** [BS20f, FP21, GIJM22, HLS24, cRLY20, SS23b, Zal22]. **Link** [BBW20]. **linked** [BS20f]. **Linking** [Mor22]. **Lipschitz** [AMO24, Car21]. **list** [NPkT21]. **Littlewood** [KK20a]. **lively** [SMA20]. **LLL** [CLLK21]. **Local** [ÁVKP20a, CRR20, DMQD20, MORŠ21, BC21, BMM24, CZ20a, JJS20a, SMP24]. **local-global** [CZ20a]. **localization** [Che22, GP20]. **Locally** [AM23b, BF24a, FMS21, dSP23a, Ste21b]. **Locating** [RB22]. **LOCC** [KMNP20]. **Log** [Min22]. **Log-Euclidean** [Min22].

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

M [OPA23]. **M-IHS** [OPA23]. **Macaulay** [VD22]. **Macphail** [Tei22]. **Magic** [HHS21]. **magnetic** [FCLP22, KS23c]. **main** [AFG⁺21, FB21, VTBC20, YW22]. **majorisation** [BS22]. **Majorization** [DGS20, DGS23, Gow20, GS23b, JLL20b, YZ20, vED22]. **majorizations** [GS21c]. **Manifold** [ÁVKP20b, GSS24]. **manifolds** [ÁVKP20a]. **many** [CN20b]. **map** [CM23a, CN22, CN23b, LS24a]. **mapping** [AFS⁺23, GKS21]. **mappings** [dSP23a, Sch24, Shi20a]. **Maps** [BMM24, HP23b, BH24, BFMS21, BSC23, BHMU20, BKT23, BS20g, Bui21, CDPR23, CMT21, CL24, Cos20a, Cos20b, Cos21, Cos22, Cos24, DN21, FOR22, GJV20, GS20b, GMP22, HH23b, JLL20b, JS22, KCML20, KLSP24, Kye23, LV22a, LL24a, LL21b, LR21, LHFL20, LTWW23, LP21, ST20, SS23b, tHvdM21]. **March** [Ano20-70, Ano20-54, Ano21-64, Ano21-66, Ano22-50, Ano22-56, Ano23-49, Ano23-59, Ano24-28, Ano24-32]. **Marchesini** [BCR⁺23]. **Markov** [BS20a, BAPF23, CK23b, CR21, EGJP21,

HX24, LL20, RMP21, TTV23]. **mass** [VS20]. **Master** [KKT22]. **Matching** [FCLP22, GJ23, ZvD23, ADH⁺24, HHD20, LZ21a, LLA23, WZW⁺21, WHM23, WWY23, YYS⁺21]. **matching-minor** [ADH⁺24]. **matchings** [GLMM23, O.21, ZWW23, ZHW21]. **mates** [ADHS23, KK22b]. **Matrices** [FdCP20, KLS21, Mel23, AFK⁺23, AG21, AP20, AKL⁺21, ACG⁺21, AMO24, AKVS23, ANBK22, AS20b, Ala21, AdL21, Alf20a, ADMZ21, AAMR20, ACOM21, ABW22, APNP⁺21, APLN⁺23, Ayd23, BS20b, BDNO20, BS20d, BBS23, BDK21, BPZ21, BN23, BEF20, BS20f, Bar21b, BDGY21, Bay24, BAPF23, BHBO21, BdPS21, BJ20a, BC21, BR22, BCOvdD23, Bez22, BJ23, Bib22, BDHS22, BDHS23b, BDvW24, BDK⁺24, Bol22, BEFSC22, BFPS21, Bou21, BMM24, BL24, BCP24, BFMM23, BM20, BR23b, BD21b, Bud24, Bui22, BLS20, BS24b, Bur20, Bur21, CRR20, CRSY22, CCU21, CC22a, CEJM21, CDM21, CL20, CDdM22, CS21, CD23a, CHY20, Che21, CZ22c, CT24, CJ20, CCK21b, CCP22, CCS22, CCKM22, CKKR23, CLNY22, CLS23, CN23a, CKLN23, CN23b, CW20, CCO23, CMT21, CIM22, CT20, CK21, CESS21]. **matrices** [CP22, CK23b, CKM20, Cos20a, Cos21, Cos22, CGMP23, CdSV22, CS20, CCL21, DGS20, DGS23, DGKP24, DY23a, Dew21, DJ23, DRG24, DMQD20, DGS21b, DF20c, DF22, DG22, EGJP21, EJS24, ES23, EHS22, EGV20, FCLP22, FR21, Fik20, FP21, FFSW23, FLT20, FG20, FG22, GS21a, GZ23, GA21, GH⁺24, GR21, GW22, Gau24, Gil20, GS21b, GK20, GM20, Goe21, GT21, GvRR21a, GvRR⁺21b, GD20, GPR20, GMSG22, GZ20b, GP20, GS23b, HP23a, HW21a, HS23a, HS23b, HS22, HLZ17, Hou20, Hu21, HH23b, HL20, JLX22, JZZ24, JMPS24, JR24, KS23a, KT21, KKP21, KK20b, KK22a, KŠ22b, Kli20a, Kli20b, KPP21, Kol21, KFS21, KN20,

Kus23, LR23, LV22b, Le22, LS23, LOŠ22, LLW20, LF20, LH20, LLW21, LW21b, LTWW23, Lim21, Lim22a, LZZ23, Loe21, Loe23, Los21b, Lub22, LMR21, Lyu20]. **matrices** [MPR22, MPR24, MA22, Mao20, MJ24, MMV21, MMV22, MRZ22, MR21a, MSZ21, MORŠ21, MS20a, MT21b, MC21a, MN24, MRV20, Men22, Mig21, Mil24, MT23, Moh22, Moh21, MSX22, MSZ23, MP24, Nar23, NS21, Ner20, NXS23, NV23b, OQ22, OW23, ORŠ23, OP21, PSW23, PŠ23a, dSP22, dSP23b, PQ22, PSAPNV20, PW21, PW19, PW20, Pri22, Ran22, RRvW24, RS21a, RKBA21, RSS21, RX21, Rub21, Rub22, SS21a, ST22, ŠH21a, Sha22, SM23, SS21c, Shi21c, Shi22, Sim20, SMM24, Sra21, SS20, SSvW20, Tan23, Tei22, TP23, Tom23, TBH20, VS20, Van24a, Var21, VMB22, Vit21, VB20, Wan21, WW22, Wei22, Xie21, YZ20, Yan21, Yaz21, ZS22a, ZM21, ZZ20, ZW20, ZFZ20, ZC23, ZBCI21, dC21, dHH23, dlCP20, dlCS21, ĐMM⁺22, vRvSTT21]. **matricial** [FKM20, FKKM22, Kim22]. **Matrix** [ABC⁺22, BW24, CKKR23, CKLL20, Cra21, CMR21, GW20, Jon21, Kis22, KP23b, San23, ZK21, AT21, AOA23, ADGK21, AK20, ABG20, ACM22, ADHM23, AGV20, AdlC20, AS22, AJNS24, BGG22, Bai24, BBG21, BS20e, BJP21, BR20a, Bar20, BR20b, BN23, BT20a, BFMS21, BDN24, BBS20, BS23a, BĐK⁺24, BFPS21, BM22, BŠ23c, CP20, Car21, CZ22b, CK23a, CLW22, CAJ21, CLS23, CN21b, CMP21, CP23, CESS21, Chr24b, Cob22b, CER⁺23, CMM22, Cos20b, DB23, DID22, DMS20, DZCY22, DdR20, DLL20, DP21, Djo23, DS24, DAG21, DL23, DN20, DN23, Dra22, DGS⁺21a, DM24, EJ23, Elm23, Est23, FM22a, FMR20, FISW21, FGDY20, FM20b, FKKM22, FG20, FG23b, FJ24, FKK⁺21b, GA22, GM22, GTW23, GW24, GKS21, GK21, GZ20a, GRR22, GvRRR⁺23, GMP22, Han21, HW20]. **matrix** [HLS21a, JJJ20a, KL23, KS24, KCPMNS21, Kim20, KIS21, Kop20, Kov21, KP21, KLSP24, Kye23, LNN⁺20, fLLV20, Li22, Li24, LDSS20, LHZ21, MMW21, Mel23, MC21b, ME21, MT23, MST24, MP21, MP23b, Mor23, MP20b, NGK23, NPkT21, NN24, Nic24, NV23a, O'L23, OPA23, dSP20a, PS23b, QCCS21, Rob20, RB22, RMG24, Ruž21, SK21a, SL20a, ST22, Sat21, Sch23, SNK22, Skr21, Sta21, Ste22a, SW23, TL21, DD23b, TXF24, Uch21, Uch23, Uru22, VS23, VD22, VB20, WCKQ20, WZL21, WWG22, WMCQ23, Wan23, Wer22, XY20a, XZ21, XWT20, XBSF23, Yan22, YZY24, ZG21, dVLG23, tHvdM21, vdMvSW24, GGGD23, KS23b, LLWW23]. **matrix-sequences** [CER⁺23]. **matrix-tree** [GRR22, LLWW23]. **matrix-weighted** [Han21]. **matrixwise** [DFH⁺20]. **max** [AdLN23, Jon21, KZPH22, MPS22, MP20b, MP24, SIW22, TV21, WFSS20]. **max-min** [MP20b]. **max-plus** [Jon21, MP24, SIW22, WFSS20]. **Maxima** [LMX23, ZL22, ZG22, JLW22, PSZ21]. **Maximal** [Ere21, GM23, APNP⁺21, CZG21, CT23, LTYZ23, PSAPNV20]. **Maximally** [NZ24]. **Maximally-fine** [NZ24]. **maximize** [Li20b]. **Maximizing** [HLS21b, HLS22]. **Maximum** [ABW22, EG20, LLW23, LHH22, Yos21, AIK⁺24, ADvdH21, AHLvdH21, ADvdH23, AJNS24, BCM21, Bud24, CLL20, CLT22, CKM20, FY23, GLT23, LW21c, SG20, WG20a, WYF⁺20, WS22, YD21, ZTX24]. **maxmin** [MPS24]. **maxmin-** [MPS24]. **May** [Ano20-62, Ano20-61, Ano21-50, Ano21-52, Ano22-52, Ano22-53, Ano23-65, Ano23-66, Ano24-33, Ano24-37]. **Mazur** [BS21a, Ban22]. **McCarthy** [BL20]. **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, MS24, Nie24, PV21a, Uch21, Uch23]. **Measure** [BHHP21, EAHS21, HJBKR24]. **Measure-theoretic** [BHHP21]. **measurements** [KKM22b]. **measures** [AHNW22, FG20]. **Measuring** [AEGL21]. **median** [MC21a]. **mesh** [EGL21, SZ21, SZ22a]. **Mesner** [GF20, Mar21]. **method** [BWW21, CK23a, Dax23, EN22, GP21, GD20, Har22, KHU23, LG21b, OPA23, Pra20, SLTW22, SWW22, WCS20, XX20, XBSF23, ZL23a]. **methods** [BDF23, DAG21, Gal21, KKM22a, RZ24]. **Metric** [BCR20, Bai24, BGLR22, CXZ22, DF20b, NPHT20, Oli21]. **Metrics** [Sra21, Min22, TP23]. **Milner** [WXY24]. **Min** [TV21, MP20b]. **Min-max** [TV21]. **Minimal** [EGC21, GS21b, ADMZ21, BP20, DPR20, DdF23, FM22a, GL21, GZZ21, HP22, IdSSV21, MRV20, MO20, NV23a]. **Minimal-norm** [GS21b]. **minimality** [Koz21]. **minimally** [ZG22]. **minimax** [FP20, SS21c]. **minimization** [fLLV20, LWZL23, LL24b]. **minimizer** [HLN24]. **minimizing** [UZ21]. **Minimum** [BBC⁺22b, MT23, AFK⁺23, BZZ22, BMM24, DJ23, FM22b, FdCP20, HLH23, KL23, LLX23, LLA23, MAG21, MMN22, ZWW23, ZWL20a]. **miniversal** [FKK⁺21b]. **Minkowski** [LF20, ZJCA20]. **minor** [ADH⁺24, LLW23, WCF21, ZL22]. **minors** [BDNO20, FMR20]. **Mirsky** [HR20]. **Mixed** [AGNN20, LLL22, ABR⁺22, Ans21, BL23, BBCD21, GL21, HBHZ22, KB22, Kad23, KSY21, WFL20, XBSF23, YGW20, YWF21, ZW20]. **mixed-unitary** [GL21]. **Möbius** [Kli20a]. **Model** [WXL24, XJLL23, Ais24, BDSS21, CZ20b, ĆD23b, GQZ20, LM22b]. **models** [BCR⁺23, HH23a]. **modifications** [MPRS21]. **modular** [CN23a]. **module** [AM23a, BBNS22, Mur22, XY20b]. **modules** [Ago24, BHKW22, CW23a, EGL21]. **Moduli** [AG24, ABHR22]. **modulo** [CLS23, JMP21a]. **modulus** [BMM24, MR21a]. **moment** [Cia22, EAHS21, FKM20, FKKM22, Kov20, Zal22]. **Momenta** [dIPG21]. **momentary** [BEFSC22]. **Moments** [BCR20, YBW24]. **monodromy** [Ayd23]. **monoid** [Got20]. **monoids** [BS23a, Wie22]. **monomial** [CDdM22, SDS21]. **monomials** [KLR22]. **monotone** [ADH⁺24, CDR23, JLM20a, JLM20b]. **Monotonicity** [BJ20a, CZ22a, PTD22, BW24, CESS21]. **Moody** [FKM22]. **Moore** [FG23a, PŠ23a]. **Morita** [FPS22]. **most** [ADvdH21, AHLvdH21, BFF⁺23b, DGS⁺21a, GM23, HT23, Kub22, LBW23, NdLO21, Ran23, WLL23, dLMO20]. **Motzkin** [ZL23a]. **MRD** [GL20a, MMZ20]. **MRD-codes** [MMZ20]. **MRI** [Sar21]. **MSE** [Skr21]. **multi** [AKPS19, DO22, HWD23, KAPS20]. **multi-angle** [DO22]. **multi-dimensional** [AKPS19, KAPS20]. **Multidimensional** [CW20, Bay24, LT24]. **multigrid** [BDF23]. **multilevel** [HT22]. **multilinear** [BFMS21, FPR20, HLYZ23, PSRS20, Skr20, Vit21]. **multiparameter** [VD22]. **multipartite** [SD21a, SD21d, TLC20]. **Multiple** [VZ20, CV21, CI21, Hal20, LPS23, LF20, Mao20]. **multiplication** [HS20]. **Multiplicative** [CI21, OQ22]. **multiplicities** [AAF23, AGV20, GS23a, Iop20, KL21b, LL21e, SD21b, ZZW22]. **multiplicity** [AvDF20, CH21, DJ23, DH22, DH23, TWW20, TW21, TW22, TJ21, WWJ20, WFGT20, WZW⁺21, WZT20, WWY23, XWT20, YW23, ZW22]. **multiplied** [MT23]. **multiplier** [Rai23]. **multipliers** [Chr24b, Skr20]. **multisets** [HHS20a]. **multistructures** [Pat20]. **multivalued** [ACMM24]. **multivariable** [CLY22]. **multivariate** [AS23, CI21, Cob22b, CFR23, KN20, MP22, PV21a, Zha23]. **multiwavelets** [PM23]. **Murdoch** [Fik20, FP21]. **Murray** [HKS23]. **mutual**

[AGK⁺21]. **mutually** [FG22].

N [KIS21]. **N-tessellable** [KIS21]. **Narayana** [YY21]. **Natural** [Sar21, FG22]. **near** [MSX22]. **near-Hadamard** [MSX22]. **Nearest** [AGV20, DB23, LHK20, SK21a, Yu20]. **Nearly** [CGP21, FRS21, FK21]. **necessary** [BCR⁺23, Kub23]. **negative** [Bas21, BCG24, Moh22, ZC23]. **negativity** [GZ23, JS22]. **network** [AHNW22, DN21, DTA23]. **networks** [AD20a, AD20b, BBW20, CEM21, Est20, GN20, HNS21, KL21c]. **Neumann** [CHHS20, HKS23, PPW20]. **neural** [HNS21]. **Newton** [ES20, KKM22a, WCS20]. **Newton-like** [ES20]. **NIEP** [JMP21b]. **Nil** [Šte22b]. **Nil-clean** [Šte22b]. **nilpotence** [DGL23a]. **nilpotent** [ABCO22, BRL23, BDK⁺24, BFPS21, BM20, BE20, BDV21, CL20, CdGS12, CdGS20, CMR20, DGL23a, FMS21, GLAdS23, GJV20, KK20a, LM22a, MORŠ21, dSP20a, SSvW20, TBH20, WJLW24]. **nilpotents** [Mor23]. **NMF** [Pol20]. **No** [LW21d, ADGK21, MZZ24, Obo24, TCC21, Yos21, ZWF20, ZL22, ZHG21]. **nodes** [BDGY21, KN20]. **noise** [KKM22b, SLTW22]. **noise-blind** [KKM22b]. **noisy** [CW21, HH23a]. **Non** [BZZ22, Eld22, JN22, LS20b, MDH23, AFS⁺23, BGS22, BS21a, BL23, Bri22, CDdM22, CL21, CdSV22, FM22a, FG22, GZ23, GNP22, GK21, GM20, GZ22, GLZ21, JS22, KKS21, KKS21, Lee20, LG21a, LMX23, MZZ24, Pan23, PR22a, Phu24, PV21b, SK21a, SS22, TL21]. **Non-abelian** [MDH23, BL23]. **non-associative** [Bri22]. **non-backtracking** [GK21, KKS21, MZZ24]. **non-bipartite** [GLZ21, LG21a, LMX23]. **non-commutative** [PR22a, SS22]. **non-cospectral** [GZ22]. **non-cyclic** [CL21]. **non-degenerate** [CDdM22, GNP22]. **Non-group** [Eld22]. **non-Hermitian** [GM20]. **non-homogeneous** [FG22]. **non-invertible** [FM22a]. **non-isospectral** [PV21b]. **Non-minimum** [BZZ22]. **non-negativity** [GZ23, JS22]. **non-orthogonal** [TL21]. **non-prime** [SK21a]. **Non-singular** [LS20b]. **non-smooth** [BS21a]. **non-symmetric** [BGS22, Lee20]. **non-trivial** [CdSV22]. **non-uniform** [Phu24]. **Non-unital** [JN22]. **non-unitary** [AFS⁺23]. **non-zero** [KKS21, Pan23]. **nonassociative** [KUZ22]. **nonbipartite** [BP21a]. **noncommutative** [Pre20]. **Nonconcavity** [AC20a]. **noncontrollable** [QQM24]. **Nondegenerate** [KLLS22, CFSiT20]. **Nonderogatory** [BM20]. **nonhypoenergetic** [ADGKM21]. **noninteger** [BBCK24]. **Nonlinear** [Cos20b, DMQD20, Lin23, Mar24, Tom23]. **Nonnegative** [JJS20b, AOA23, AAMR20, Arl20, Bui22, BŠ23c, CCU21, CP22, CMM22, DYB20, GR21, HH23b, JCD24, KZPH22, Kol21, LH20, Loe23, Miy24, NGK23, RX21, SM23, vRvSTT21]. **Nonsingular** [SZSMB20, BJP21, Est23]. **nonsingularity** [Che21]. **nonstandard** [RAK21]. **nonsymmetric** [Gal21]. **Nontrivial** [HPSZ21]. **nonzero** [CV21, WWY23]. **Nordhaus** [CLM20]. **Norm** [AHK23, CLY22, FLT20, ANBK22, BM22, Bud24, CDPR23, CKOS22, CER⁺23, DM24, FH23, GMR21, GS21b, JLM20a, JLM20b, KPP21, KLSP24, LWW22, Mis22, MSZ23, NNSS20, Roy24, SZ23b, Sin21, ZXZW23]. **norm-one** [CDPR23]. **Normal** [BS20e, CLLK21, DHR20, RW22, DY23a, IGW17, Kad23, Kov21, KFS21, LPS23, LL21c, MP23b, SZ23a, Wan21, Wan23, dlCS21]. **normality** [Du23]. **normalized** [AMZ21, JT24, SD21b, SC23, TWW20, TW21]. **normalizer** [BK22]. **normed** [IOT21, KNS20, Wój22a]. **norms** [BDSS21, BLR21, CI21, DLL20, FISW21, GG21, LR23, PSRS20, WW22, ZS22a]. **Note**

[Ano21-49, Ano24-41, Bib22, Csi22, YLZH21, CMP21, DLL20, FS23, FM20b, HR20, Han22, MK23, MP23a, Ran22, SZ23a, SLL22, ZZW22, dHH23, Ano24-40]. **Notes** [BS20a]. **November** [Ano20-71, Ano20-57, Ano21-54, Ano21-56, Ano22-58, Ano22-72, Ano23-68, Ano23-64]. **NP** [Shi21b]. **NP-complete** [Shi21b]. **Null** [JMP21a, Wer22, HMPT20, dMdSS23]. **null-filiform** [dMdSS23]. **Nullities** [EGV20, OdFVM21]. **nullity** [ADvdH21, AHLvdH21, ADvdH23, CL22, CLL20, CLT2, 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, HHD20, HLX20, HXLL21, HLH23, HH23b, HWD23, HLN24, HW21b, Kli20b, fLLV20, LQ21, LZ20, LLX23, MS20b, MP21, Nic24, PK21, PZ20, Pra20, Sch23, ŠH21b, TFT20, Van24b, WWJ20, WYF⁺20, WYQ21, WHM23, XWT20, XLYS20, YBW24, YYS⁺21, ZXL20]. **number-constrained** [fLLV20]. **numbers** [ACLS20, ACOM21, CK23a, CV21, DBV23, ES20, Gal21, Guo22, KNiO23, WWY23]. **Numerator** [Bur20, Bur21]. **Numerical** [CKLN23, DK21, GWW21, GW22, PS23b, AHK23, BDK21, BM23, BdPS21, BJ23, BP21b, BP23b, Bhu24, CCH⁺21, CHSW22, CDM20, CDM21, COB22a, CN21a, CN22, Cos20a, Cos22, CLY22, DA23, Dru24, GW20, Gau24, KS20a, KP23b, MN24, MXZ20, Naj20, OM20, PK22, PW21, QSH22, RAK21, RW21a, SKS22, ZW21, Zam23, ZS22b, ZC23, vdMvSW24]. **Numerically** [ANAS20, MN24]. **Numerorum** [dC21]. **nut** [DS22].

obstruction [HLS21a]. **obtained** [Goe21, GKLZ20]. **October**

[Ano20-60, Ano20-72, Ano21-55, Ano21-57, Ano22-63, Ano22-70, Ano23-69, Ano23-72]. **Odd** [BBNS22, LG21a, MLZ24, ZL23c]. **Odd-quadratic** [BBNS22]. **ODEs** [BCOvdD22, BCOvdD23]. **Off** [MRZ20, BL24, DL22, TJ21]. **Off-diagonal** [MRZ20, BL24, TJ21]. **off-grid** [DL22]. **on** [DL22]. **One** [CKOS23, Alf20a, BR20b, BFPS21, CJ20, CAJ21, CDPR23, CMT21, DH21, FKMM21, GJV20, GMSG22, JMP21b, KAGH24, KKM22b, KMNP20, LWW22, LTYZ23, LWH21, Ran23, SW23, ZS22b]. **one-dimensional** [BFPS21]. **one-dominating-vertex** [LTYZ23]. **One-parameter** [CKOS23]. **one-way** [KMNP20]. **onto** [CVV21]. **open** [CKOS23, GAM20]. **operation** [DLL23]. **operations** [AGKS23, CMM20, Ram23]. **Operator** [Uch21, AHV20, BH24, BDK21, BCG24, BDN24, Che22, CLY22, DM24, EMŠV22, Fra22, JN22, JLM20a, JLM20b, KZ24, LS20a, MA24, MS22, MS24, Nie24, PV21a, SS23a, Shi20a, SZ20, ZTX24]. **Operators** [AGK⁺21, BKR⁺20, ĆD20, ĆD23b, TT21, AM23b, AHK23, AdF20, ACM20, AG15, AG20, BDSS21, BP23a, BKPS23, Bhu24, BFPS21, BKS⁺21, Bot21, BKLT23, CFSiT20, COB22a, CER⁺23, CLY22, DP23, DH21, Dru24, EJL20, FPR20, Fek20, FG23a, GGGD23, GWW21, GS22, GS23b, Gye23, HP23b, JJS20a, JKX20, JLM20a, JLM20b, KK20a, KS23c, Mag22, MS21, MP20a, Min22, MXZ20, Naj20, O'L23, OM20, Pan21, PPŽ21, Pan22, PPŽ23, QSH22, Ram23, Rao21, RRF23, SH20, SZ23b, SS24b, TWD20, TD22, XY20b, ZW21, hB21]. **Optimal** [JLX22, KPP21, NMS20, ANAS20, BSC23, FRS21, LM22b, MSZ23, SC20a, Ste21b, WW20]. **Optimization** [GSS24, GLS22, KKM22a, Onn21]. **Optimized** [HLW23, RW21b]. **Optimizing** [PS22]. **optimum** [TFT20]. **Orbit**

[LCH23, CL21, HMS21]. **Orbit-injective** [LCH23]. **orbits** [BL20, GLT21, KL21a, Poo20, SZ21, SZ22a]. **Order** [EE23, BDNO20, BW21, BCOvdD22, BCOvdD23, CT23, CLL20, CLT22, Coh20, EG20, FHMP21, FHMP22, FdCS20, GF20, HX24, LS22, LTYZ23, LJSZ23, LH21, hLqJ21, MA22, MC21b, Mis20, OQ22, Ram23, RMG24, Ruž21, SH20, Sch23, SZH22, SMM24, Uru22, WG20a, WXL24, XJLL23, YK21, ZWT21, ZBdAF20]. **order-**[BDNO20]. **ordered** [GZ20c]. **Ordering** [JLW22, YOv21]. **orders** [BW22, DHH⁺20, FG23a]. **orientation** [YWF21]. **Oriented** [QWW21, Sta20b, AMZ21, Du23, GL20b, HBHZ24, Sta23b, ZXZW23]. **Orthant** [PSZ21]. **Orthogonal** [LOŠ22, AP20, Ais24, BCP24, CG23, CFR23, CS20, FR21, FG23b, FK21, GIJM22, HWK21, KLS23, LM24, MA22, MC21a, MT23, Mor22, Pet21, Sta21, TL21, VS21]. **Orthogonality** [Pan20, RSS21, AGK⁺21, CPTP21, Ham22, SMP24, Wó22a]. **orthogonally** [HJBKR24]. **Orthonormal** [Mag22]. **oscillatory** [ZM21]. **other** [Kin21, RDFM23]. **output** [DK21, FM22a, WES21, ZK21]. **ovals** [BMS21]. **over-relaxation** [BHD⁺21]. **overdetermined** [SV21]. **overlapping** [EGC21]. **ovoidal** [Adr22].

packing [HWD23]. **packings** [Kin21]. **Pages** [Ano20-63, Ano20-65, Ano20-50, Ano20-52, Ano20-55, Ano20-66, Ano20-68, Ano20-67, Ano20-69, Ano20-56, Ano20-59, Ano20-51, Ano20-58, Ano20-53, Ano20-70, Ano20-54, Ano20-62, Ano20-61, Ano20-71, Ano20-57, Ano20-60, Ano20-72, Ano20-49, Ano20-64, Ano21-53, Ano21-61, Ano21-62, Ano21-67, Ano21-71, Ano21-69, Ano21-68, Ano21-70, Ano21-51, Ano21-58, Ano21-63, Ano21-59, Ano21-64, Ano21-66, Ano21-50, Ano21-52, Ano21-54, Ano21-56, Ano21-55, Ano21-57, Ano21-65, Ano21-60, Ano22-55, Ano22-62, Ano22-57, Ano22-49, Ano22-69, Ano22-66, Ano22-54, Ano22-51, Ano22-67, Ano22-68, Ano22-65, Ano22-61, Ano22-59, Ano22-64, Ano22-50, Ano22-56, Ano22-52, Ano22-53, Ano22-58, Ano22-72, Ano22-63, Ano22-70, Ano22-60, Ano22-71, Ano23-52, Ano23-57, Ano23-53, Ano23-50, Ano23-61, Ano23-62, Ano23-63, Ano23-71, Ano23-70, Ano23-60, Ano23-51, Ano23-56, Ano23-54, Ano23-55, Ano23-49, Ano23-59, Ano23-65, Ano23-66]. **Pages** [Ano23-68, Ano23-64, Ano23-69, Ano23-72, Ano23-58, Ano23-67, Ano24-27, Ano24-35, Ano24-38, Ano24-34, Ano24-39, Ano24-29, Ano24-30, Ano24-31, Ano24-36, Ano24-28, Ano24-32, Ano24-33, Ano24-37]. **pair** [ADGK21, TJ21]. **pairing** [KW20]. **pairings** [BCP22]. **Pairs** [BFPS21, GMP22, BKS15, BKSP23, KLSP24, Lee22, Mag22, dSP24, PM23, SZ20, TT21, TŽ23]. **Paley** [SS23a, Sat21]. **Palindromes** [HS20]. **Palindromic** [Pet21, BN23]. **para** [BN23]. **para-Hermitian** [BN23]. **parabolic** [BCNS22]. **paradox** [Cia20a]. **parallel** [Arl20, Han22, KZ23, KLSP24, TWD20, TD22, Zal22]. **Parallelization** [IB22]. **parameter** [ADH⁺24, CKOS23, EN22, Fik20, FP21, KP22]. **parameters** [AAFT22, CZG21]. **parametric** [LP22]. **parametrization** [GTW23]. **Pareto** [BS20c]. **Parlett** [WW20]. **Parseval** [KAPS20, AKPS19]. **part** [BBNS22, Buc20, SMM24]. **Partial** [vdMvSW24, AR21, DHH⁺20, FG23a, Li22, YWF21]. **particle** [HH23a]. **particular** [Sta23a]. **partition** [AD24]. **partitioned** [BL24, Kad20, Wei22]. **partitions** [AHZ22, AS20a, DF20a, FG22, LW21a, LDW21, Mif21, RFP22, ZvD21]. **parts** [Alt22]. **Pascal** [AKVS23, Bay24, Cob22b]. **Pascal-like** [AKVS23]. **pass** [LY20]. **Passive** [Lew21]. **path** [BJ20a, BS23a, Mlo22, dSP20a, Ste21a].

path-connected [dSP20a]. **paths** [AGNN20, KSY21, SD21c, YY21, ZYZ24].
pattern [BES21, BBC⁺22b, GHL⁺24, JWZ22].
patterns [BCOvdD22, BCOvdD23, Cav21, CS20, Das22, RX21, SM23, Shi20b]. **PCA** [NNSS20]. **Peled** [CLwW22]. **Pell** [ACOM21]. **pencil** [Bar20, DYT22, DS24, Fra22, MP21, NN24, vdMvSW24]. **pencils** [ADGK21, AK20, AHV20, BDRS20, BR20a, BR20b, DN23, FKK⁺21b, KP23b, NV23a, Sch24, DD23b, ZMP23]. **pendant** [CB21, WWJ20, XWT20]. **pendent** [BP20, Cia20a]. **Penrose** [FG23a, PŠ23a].
pentadiagonal [Los21b]. **pentagon** [GLZ21]. **perceptrons** [DD23a]. **Perfect** [AHM20, ASG22, CW22, GL20b, KS22c, BC24, Tar20, WZW⁺21, ZHW21]. **Periodic** [Zha23, APLN⁺23, GP20, KS23c, Kub23, Szc21]. **Periodicity** [IMT20, KSY21, Kub22, SMA20, KCPMNS21, Pri22]. **periods** [CKKR23]. **Peripherally** [BKT23].
Permanent [GS20b, ABW22].
permanental [GS24]. **permanents** [Bar21b, CW20, dC21]. **permit** [JWZ22].
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Persymmetric [VS20, JCD24].
Perturbation [FKK⁺21b, IGW17, SZ23a, VCR21, AG21, AK20, Bar20, BLMT21, CI21, KZ23, LHZ21, MMV21, SL21, SMM24, TJ21, WW20, hB21].
Perturbations [Gil20, AMO24, BDRS20, BR20a, BR20b, DH21, DS24, GA21, OW23, PS22].
perturbed [MA24, MP21]. **Pfaffian** [Bär21a]. **Phase** [BFO23, IOT21, StW22, ZRQK22, EL20, WMCQ23].
Phase-isometries [IOT21]. **Phase-Rank** [ZRQK22]. **phases** [CDD21, WCKQ20, WMCQ23]. **physical** [FM22a]. **PI** [FK23, GKK⁺20].
PI-eigenfunctions [GKK⁺20]. **piecewise** [ABCH23]. **pivot** [BW24, PTD22].
placement [SV21]. **planar** [Ere21, GN20, UZ21]. **plane** [Hom20, KP23b, NYW22]. **planes** [BS20f, CLZ22]. **platform** [KCML20]. **Play** [HNS21]. **Plug** [HNS21]. **Plug-and-Play** [HNS21]. **plus** [Jon21, MP24, SlW22, WFSS20]. **Podle** [Sol20]. **point** [AJNS24, BS20e, BDF23, BM22, CVV21, MPS22, RW21a, Win21, Zem22]. **points** [AG24, CCK21a, Chr24a, LPS23, Lim22b, Mañ22, ŠH21b, Shi22]. **Poisson** [BE20, KK23a, KK23b]. **polar** [Bhu24, CGP21, CG23, Pat20].
Polarization [BC23]. **Pole** [SV21]. **Polya** [GS20b]. **polygonal** [CHSW22].
Polyhedral [May21]. **Polynomial** [Cav21, CLS23, CO24, KS20a, dMdSS23, Bol22, CB21, Cos20a, Cos22, DdR20, DGdSS23, DS20, GLS22, GvRR⁺23, dAGK21, GZ20c, HCZ20, HY24, LTWW23, Mel23, MMA22, Nar23, NV23b, PS22, SK21a, Sud22, Uru22, VS21, VS23, Zhe21].
Polynomials [CP22, ADr22, ADHM23, BN23, BHBO21, BBCK24, BGOO21, BCP24, Bur20, Bur21, CP20, CLW22, CFR23, DA23, DB23, DN20, DN23, DvDW23, Fio20, FM20b, FG23b, GA22, GTW23, GW24, GSV24, GFD21, HHS20a, HHS21, JL22, Kad20, Lee20, LHK20, Loe23, LMR21, MPR22, MP22, MMW21, Mur22, NV23a, Oli21, Pet21, PZ20, RB22, SW21, SW23, TV21, Vit21, WZL21, XJLL23, YY21, YLZH21, dMdSS23].
polystochastic [CW20]. **polytope** [CC22a, Yu20, vED22]. **polytopes** [CCK21a, DJ22]. **poset** [CMR20, SS24a].
posets [CCKM22]. **posinormal** [BKLT23].
positional [PV22]. **Positive**

[BFMM23, NN24, AKN23, ANBK22, AL21, Bar21b, BCE21, BSC23, BHMU20, BKT23, BL24, BKR⁺20, BS20g, BLS20, CRR20, CZ22c, CDPR23, CIM22, DY24, Fek20, FOR22, FM20b, GW24, GT21, GD20, Gye23, HJBKR24, Har22, IB22, JJLS23, JS22, Kol21, KAGH24, LV22a, Le22, LWW22, Lim21, LWH21, MMV21, Min22, MS24, NXS23, Ram23, Ran23, SM23, Sim21, Sło20, Sło21a, Sra21, Tan23, TW22, Tom23, ZFZ20].

positive-definite [CIM22]. **Positively** [LR21]. **Positivity** [GPR20, PWW23, AC21, BJ23, BGOO21, Das22, FJS17, FJS21, JWZ22, MMW22, tHvdM21].

Positivstellensatz [SS22]. **post** [BE20]. **post-Lie** [BE20]. **Potent** [GK22a].

potential [CIM22]. **potentially** [Cav21].

Power [Dom20, HJ24, CvDB23, CLS23, CIM22, DA23, DF20c, HVX23, LL21a, MS21, Ost23, RRvW24, SSvW20, Zha23]. **Powers** [FFSW23, BBCK24, DD23a, FJS17, FJS21, FISW21, GW20, KCPMNS21, LL24a].

preconditioner [dAdCG⁺21].

preconditioning [OPA23]. **prediction** [BBW20]. **Preface** [AHKT21, DKM⁺21].

prescribed [APNP⁺21, AGV20, BPZ21, CCU21, CDG21, LQ21, ZXL20].

presentations [BR21]. **preservation** [SMP24]. **preserve** [CP22]. **preserver** [Gye23, Tom23]. **Preservers** [DHH⁺20, PR22b, Poo20, GK22a, GS24, Ham22, LMW21, QSH22]. **Preserving** [GA21, AGK⁺21, BMM24, CL24, Cos20a, Cos20b, Cos21, Cos24, GTW23, GJV20, GJKM21, GMP22, GS23b, HP23b, HH23b, KFS21, KLSP24, LL24a, LTWW23, Loe23, MPRS21, Pan20, Pan22, Ruž21, Sch24, SMM24]. **prevalent** [MST24]. **prime** [BFO23, CLS23, HS23a, Kli20b, LS20b, LP21, SK21a]. **primitive** [HW21a].

primitivity [AKL⁺21]. **principal** [BW24, BJ20a, BLR21, CTS23, FMR20, GQZ20, LHH22, PTD22, Zha24b]. **principle** [CZ20a, FP20, ZX20]. **principles** [LWZL23, LL24b].

probabilistic [CMS21, LM22b]. **probabilities** [PSZ21].

problem [AdLN23, AAMR20, AC22, BGS22, Beh21, CD23a, CO24, EAHS21, FM22a, FHLS22, FQ20, FKKM22, GA22, GR22, GS20b, Gye23, Hal20, Har22, JS20, JCD24, KS24, KKM22a, Kim22, Kis22, KS20b, KP22, Kov20, LDZ21, LOŠ21a, LOŠ23, MvWC23, MS20a, NYW22, dSP20b, dSP24, PWW23, Pol20, QCCS21, Row20, SS21c, SZ22a, Ste21a, Tom23, WES21, Wan24, XX20, Zal22, ZWF20, ZX20, dBS20, dC21].

problems [APLN⁺23, BLMT21, Boj21, BDFF23, CRR20, CEM21, CKLL20, Des24, DMQD20, EN22, GK20, fLLV20, MMW21, MG21, MC21b, PSAPNV20, PLT23, PS22, SL20a, SLTW22, VD22, WCS20, YGW20, ZMP23, ZKLS20]. **procedure** [MS20b].

processes [EGJP21, GZ20a]. **Procrustes** [BGS22, CRR20, Min22]. **product** [AEGV21, AdlC20, BB22, BJ20a, BKS⁺21, BKR⁺20, CW23b, CS20, DYB20, Fek20, FKMM21, GT23, GFW24, HY20, HP23b, HK20, Kak20, KLL22, KMNP20, LH20, MQW20, Mil24, PS20, dSP23b, Ran22, Ste21b, TT24, Yos21]. **production** [EHS22].

Products [GT21, AL23b, AOCM20, BC21, BDHS22, BDHS23b, BKLT23, BNS22, DGET21, FJS17, FJS21, GJV20, Gow20, HW20, HLZ17, Hou20, Jai21, KT21, Kye23, QSH22].

programming [Ans21, ZMP23]. **programs** [LPV21]. **progression** [BLS20]. **project** [MMP21]. **Projection** [CVV21, GOZ21, GNR20, LHZ21].

projections [Ais24, AGKS23, ACMM24, BKRS20, BDI20, Fra20, HY24, HPSZ21, LPV21, PLT23, Poo20, RZ24, TXF24, XY20b, ZTX24].

projective [BS20f, CLZ22, DGL23b, Mañ22, NYW22].

projectors [BR22]. **Proof** [CLL20, CJ20, Gau24, HD22, Loe23, LZ21b, Mur22, SD21a,

SD21d, SD21c, XZ23, BD21a, CZ22c, 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, KLL22, LZ21a, Men22, Miy24, MS24, MPRS21, Tar20, TD22, WSW20, YZY24, ZC23, MZZ24]. **Property** [CN20a, AG21, Bai24, BS21a, Ban22, BP21a, BW22, 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, RKBA21]. **Publisher** [Ano24-40, Ano24-41].

Q [NdLO21]. **Q-integral** [NdLO21]. **QLP** [WX20]. **quadrangle** [DG20]. **Quadratic** [CN24, Mlo22, dBS20, BBNS22, BRL23, BLMT21, BCS24, CHHS20, GA22, Ger20, GCOP24, Har22, HLS21a, Hua22, IdSSV21, Mel23, MZ22, NYW22, dSP22, dSP23b, dSP24, RB22, Uch21, ZMP23]. **quadrature** [BF21, Sch23]. **quadrics** [BMS21].

Quantitative [FGPW24, OW23, hB21].

Quantitatively [AL21]. **quantities** [CMM20]. **quantization** [AP23, FISW21].

Quantum [CGJvB22, LL21a, AHM20, AGKS23, AFS⁺23, CJMP22, CDS21, CFKO21, CKOS23, FP23, Gan23, God21, JS22, KS22a, KIS21, KMNP20, KSY21, Kub23, Li20a, LIW20, LCH23, MPR24, OSC20, SMA20, Shi21a, Sol20, Zha22].

Quasi [AT24, ADHM23, CW23a, CR21, GP20, Men22, PS23b, Rob20, Yan21, Yan22]. **quasi-Cauchy** [Yan21]. **Quasi-ergodic** [CR21]. **Quasi-hereditary** [AT24, Yan22]. **quasi-linear** [PS23b]. **quasi-periodic** [GP20]. **quasi-Toeplitz** [Men22, Rob20]. **Quasi-triangularization** [ADHM23]. **Quasi-Whittaker** [CW23a]. **quasiabelian** [WFY24]. **quasinilpotent** [HJ24]. **quaternion** [BBC⁺22a, DL23, Mig21]. **Quaternionic** [CDM21, AG24, BG20, CDM20, DP23, DGL23b, GSV24, GvRR21a, MMA22, NS22, RAK21]. **quaternions** [ACLS20, LDZ21]. **question** [ACG⁺21]. **questions** [GAM20]. **quiver** [ABHR22]. **quivers** [GLNW24]. **quotient** [PS22]. **quotients** [MS20a, Zak21].

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

NS21, OW23, RRvW24, RW22].

Randomized [WX20, ZL23a, BWW21, LY20, LG21b, MN24, OPA23, SLTW22].

range [BM23, BKLT23, CHSW22, CDM20, CDM21, COB22a, CN21a, CN22, CF22, DY23b, EM23, FGPW24, GW20, HHS20a, Ham22, KP23b, RW21a, vdMvSW24].

range-kernel [DY23b]. **ranges** [BdPS21, CCH⁺21, CR23, CKLN23, GWW21, GW22, Gau24, PW21, RAK21, ZS22b, ZC23]. **Rank** [BR20b, BES21, BCR20, HY20, SG20, ZRQK22, AMR20, AY23, BBS23, BDRS20, BR20a, Bar20, BZZ22, BdPS21, BF24b, BT20b, Bud24, BGLR22, CXZ22, CG22, CJ20, CAJ21, CMT21, Com21, CST21, CFR23, DB23, DH21, DS24, DG22, EGC21, FGM21, GJV20, GL21, GF20, Got20, GLS22, GLT23, GS24, HP23a, HHD20, Kak20, KCPMNS21, Kha24, KPP21, KKM22b, KST22, LS22, LJSZ23, LDZ21, LW21c, LHZ21, MMN22, MC21a, MN24, MR21b, MSZ23, MO20, NPHT20, Oli21, PPŽ21, PPŽ23, PW21, Rod21, Rub22, SK21a, SZH22, Ste21b, TL21, WLT22, XZWT20, ZXZW23, dBS20]. **rank-1** [KPP21, MSZ23]. **Rank-Metric** [BCR20, NPHT20]. **Rank-one** [BR20b, DH21, GJV20, KKM22b].

rankability [CLS20]. **ranks** [AKN23, BBS20, FdCP20, Rub21, Shi20b].

rate [BWW21, Ros22]. **ratio** [Hae21, Li20b, LHH22, Zha24b]. **Rational** [Dew21, Rob20, AL23b, ADMZ21, DMQD20, KW20, LPS23, NV23b, PQ22, Rub21, Var21, AV23]. **Rationality** [BNS22]. **ratios** [Nic20]. **Rayleigh** [PS22]. **rays** [Yu20].

reachability [Sch22]. **Real** [GW24, Moh22, RT21, Wei22, AMO24, AL21, AdIC20, Bib22, BS24b, DJ23, EL20, HVX23, IKLP20, Kol21, LNN⁺20]. **realising** [KŠ22b]. **Reality** [Bla20]. **Reality-based** [Bla20]. **realizability** [JJS20b, JS20, JMPS21]. **realizable** [AMS21, MM21]. **realization** [AL23b, FM22a, Rub21]. **realizations** [AV23]. **reciprocal** [BP21a, FJ24, MT21b]. **reciprocity** [KNiO23]. **Reconstruction** [ZW20, CO24, Sar21]. **Recovering** [StW22]. **recovery** [CW21, CZ20b, HMPT20, KS20b, KKM22b, LM22b]. **rectangular** [Kop20, MMV21]. **recurrence** [PWW23]. **recursive** [Var21]. **reduced** [Ayd23, BMM24]. **reducibility** [MORŠ21]. **reducing** [CR23]. **Reduction** [WES21, BR23a, CB21, KSSW20, LH21, MS20b, SS22, WXL24, XJLL23]. **Rees** [CDG22b]. **Refined** [BDK21, BR22]. **reflection** [RS21a]. **reflexive** [BK22]. **regarding** [ACG⁺21]. **region** [CAJ21, KK20b, KŠ22b, NN24]. **regions** [KK22a]. **regression** [Ais24, CI21, GQZ20]. **Regular** [BFF⁺23b, AG21, AFSS20, AdF20, BDRS20, BR20a, Bar20, CT24, CCO23, DF20a, DYT22, DS24, FS20, GA22, GK22b, GSV24, HO20, IKPR20, 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, JLL20b, Kli20b, LMW21, Li22, Mar21, MMW21, MS24, PV21a, Shi21a, Shi22, Sra21, Van24a]. **Relation** [ZXZW23, CIM22, GMR22, WJLW24, WWY23, XTLK23]. **Relations** [Sta23b, WFL20, ACSS22, Arl20, CMM22, GJKM21, Lim21, Nag23, SL21]. **relationship** [TFT20]. **Relative** [BLMT21, Shi21a]. **relatively** [Kus23]. **relaxation** [BHD⁺21]. **Rellich** [BN23]. **remark** [Bar21b, Shi20b]. **Remarks** [Tei22]. **removal** [JST21]. **Rényi** [DF20c, Shi21a]. **repeated** [JMP21b]. **repelling** [Est20]. **representation** [Ago24, Bla20, CN22, PV22, SC20a, SW21]. **Representations** [AG15, AG20, CFR23, ABHR22, CM23a, CDD21, JL22, KMNP20, MRZ22, NPR22,

O’L23, PQ22, RT21, Sch23, Shi21a, Wie22]. **require** [GHL⁺24]. **residue** [KW20, NPkT21]. **residues** [Fra22]. **resilient** [KCML20]. **Resistance** [BEF20, Dev22, Est23]. **Resolvent** [Fra22, Zem22, AHV20]. **resolvents** [Fra20]. **resonant** [OSC20]. **resource** [JS22]. **respect** [AdlCPS20, CEM21, Ime23, KKS21, KLSP24, RAK21, Ram23, Sta21]. **Restricted** [NXS23, BD21b, CHSW22, MMA22, PGST23, Poo20, Sat21]. **result** [LLSV21]. **Results** [FJS21, BS20c, BEFSC22, DYLL23, Fra20, Iop20, LJSZ23, Nie24, OW23, Sch23, WHL24, FJS17]. **retraction** [GSS24]. **retrieval** [BFO23, EL20, StW22]. **revealing** [SG20, Ste21b]. **Reverse** [Pre20, BCP24]. **Reversibility** [GL22b]. **Reversible** [BG20]. **revisited** [CCO23, GH23, LIW20, Van24b]. **Revisiting** [LS20c]. **revival** [CCD⁺22, GZ22, Mon23]. **reweighted** [CW21]. **Riccati** [BF24b, CF24, Ruž21]. **Ricci** [Sic21]. **Richardson** [KK20a]. **ridge** [GQZ20]. **Riemann** [Nag23]. **Riemannian** [ÁVKP20a, DAG21, KKM22a, NXS23, TP23]. **Riesz** [Fra20, GS20a]. **right** [AL23b, BMPS23, DHH⁺20, FKK21a, Hal20, LS23]. **right-angled** [FKK21a]. **right-hand** [Hal20]. **right-star** [DHH⁺20]. **Rigidity** [KNS20]. **rigorous** [Miy24]. **Ring** [HKS23, AT21, AM23a, CPS20, CGMP23, NPR22, SSvW20]. **rings** [AT24, BS20f, Bol22, BHKW22, CM23b, Ham22, HLZ17, Hou20, LP21, NPkT21, Nic24, NZ24, Pre20, Wer22]. **Rio** [AHKT21]. **Riordan** [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, CA22, LHK20, NV23a, SZ21, SZ22a, TV21]. **rooted** [Cia22, DR20]. **Roots** [BHMU20, DGL23a, ES23, GvRR⁺21b, Jon21, MZ22, dSP20a, PZ20, TV21, vRvSTT21]. **Rota** [MDH23]. **rotational** [NNS20]. **Rotfel’d** [MJ24]. **Row** [RC23, ES23]. **row-permuted** [ES23]. **rows** [KS23a]. **Ruelle** [Mor20]. **rule** [NWW20]. **Ruling** [JMP21b]. **Sachs** [CC22b]. **saddle** [BDF23]. **Salem** [RT23]. **same** [BDK⁺24, CDG22a, MR21a]. **Sampling** [FR21, CEF⁺22, MB20]. **satisfying** [BKS⁺21, DA23, Ime23]. **Saturated** [cRLY20]. **Scaffolds** [Mar21, LTTW22]. **scalar** [BKS⁺21]. **scale** [BW21, BF24b, CHHS20]. **scaling** [FRS21, LT24, MS22]. **Scattered** [CLZ22, BCM21]. **Schatten** [Bot21, CI21, LHZ21]. **Schatten-** [LHZ21]. **scheme** [AHM20, KCML20, LIW20, SS20]. **schemes** [ABCH23, BMS21, LTTW22, XTLK23]. **Schmidt** [CLRT22, Min22, Zam23]. **Schröder** [YZY24]. **Schrödinger** [CW23a, CW23b, KS23c]. **Schur** [AV23, BJ20b, BS22, Chr24b, CMM22, Dev22, FKM20, Gow20, Skr20, TT21]. **Schwarz** [XX20]. **Secant** [KMZ20]. **second** [ABG20, BW21, BCOvdD22, BCOvdD23, CLM20, LWB20, LH21, MC21b, WQP23, XLS20, YK21]. **second-order** [BW21, MC21b]. **secret** [KCML20]. **sector** [Dru24, FLT20]. **sectorial** [AS20b, Ala21, MJ24, WMCQ23]. **Sedentary** [God21]. **segments** [LZ20]. **Seidel** [ACG⁺21, BWW21, GKLZ20]. **select** [CRSY22, KHU23]. **selection** [Shi21b]. **self** [AC21, CCK21b, DH21, ES20, IMT20, MMP21, PPŽ21, Pan22, PPŽ23, SZ22a, SZ20]. **self-adjoint** [DH21, PPŽ21, Pan22, PPŽ23, SZ20]. **self-adjointness** [AC21]. **self-conjugate** [ES20]. **self-dual** [SZ22a]. **self-inverse** [CCK21b]. **self-loops** [IMT20].

self-similarities [MMP21]. **selfadjoint** [AMO24, Arl20, CFSiT20, CMM22, GvRR⁺21b, PSW23, SH20]. **selfadjoint-ideal** [PSW23]. **Semi** [CCK21b, AdF20, BKPS23, Elm23, MRZ22, Men22, MXZ20, WMCQ23]. **semi-Hilbertian** [BKPS23, MXZ20]. **semi-infinite** [Men22]. **semi-invariants** [Elm23]. **Semi-involutory** [CCK21b]. **semi-regular** [AdF20]. **semi-sectorial** [WMCQ23]. **semi-simple** [MRZ22]. **Semiclosed** [ACMM24]. **semidefinite** [AKN23, ANBK22, BGS22, BKR⁺20, CKM20, Fek20, FM20b, GW24, GNR20, HMPT20, MMN22, NXS23, NN24, PLT23, Tan23]. **semifields** [LS22]. **semigroups** [AG15, AG20, BS20d, CFKO21, PSW23]. **semimonotone** [CD23a]. **Seminorm** [MXZ20, Wój20]. **seminorms** [CG20, Ime23]. **semipositive** [HS23b]. **semiring** [DY23a]. **semisimple** [KK20a]. **Semrl** [Roy24]. **sending** [SS23b]. **sense** [ACM20]. **sensing** [Tsa23]. **sensitivity** [Mis20]. **sensors** [KHU23]. **separable** [GLS22, NGK23]. **Separating** [CL20, LM24, Elm23]. **September** [Ano20-49, Ano20-64, Ano21-65, Ano21-60, Ano22-60, Ano22-71, Ano23-58, Ano23-67]. **Sequence** [AK23, PSRS20]. **Sequences** [AOA23, CER⁺23, FKM20, He20, PWW23, PW19, PW20, VS21, VS23]. **Sergeichuk** [SZ22a]. **series** [Bur21, Dom20, Zha23]. **Sesqui** [KGY23]. **Sesqui-regular** [KGY23]. **set** [BPZ21, CRR20, Cia20b, FPR20, HJ24, LHK20, LOŠ23, ZTX24]. **Sets** [HHS20a, CP20, CLZ22, CAEH⁺22, ES20, GSV24, GZ20b, HHS21, HJBKR24, HW21a, LNP21, MM21, MMP21, MRT20, Pat20, RW21a, RW22, YLCB21]. **setting** [FP20, JST21]. **several** [DF22, LLH20, Naj20, QSS22, SS23a, SW23, ZM21]. **SGD** [SDTR23]. **shadows** [CTS23]. **Shannon** [Sra21]. **shape** [CWBB23]. **sharing** [KCML20]. **sharp** [MLH22, MKE⁺20, WG20a]. **sharpened** [LS20c]. **Sheffer** [LMR21]. **shell** [CP23]. **shell-extremal** [CP23]. **shift** [COB22a, CN21b, CKLN23, CKLL20, EJL20]. **shifts** [HJ24, JJLS23, Pik23]. **short** [CWZ22, SW21, SL20b]. **shortest** [Ste21a]. **Shorting** [Arl20]. **sided** [BB22, KLL22, WW20]. **sides** [Hal20]. **Sidon** [ZT23]. **sigma** [FISW21]. **Sign** [BD21b, CS20, Das22, RX21, SM23, AG21, BN23, BCOvdD22, BCOvdD23, BBC⁺22b, BS24b, GHL⁺24, JWZ22, KK22b, OQ22, Shi20b]. **sign-real** [BS24b]. **Sign-restricted** [BD21b]. **signatures** [BCP22]. **Signed** [ADvdH21, ADvdH23, HSS⁺21, KP23a, RS21b, AAH⁺22, AFG⁺21, AHLvdH21, CH21, CG22, CvDB23, CCK21b, HT23, LW20a, LW21d, MMN22, MT23, OJQ20, SZ21, Sta23b, SLL22, VB20, WH20, WYQ21, WLL23, WHL24, Wan24, WLT22]. **Signless** [CWZ22, GH24, ZWL20a, AdL21, CLZ20, HLS21b, KLR22, LWB20, LQL21, LLWW23, LHH22, MK23, MT21b, Obo22, SSS21, VTBC20, XW21, ZXL20, ZHG21, ZWL20b]. **similar** [DBV23]. **similarities** [MMP21]. **similarity** [AdlCPS20, AR21, CN21b, JKX20, TBH20]. **Simple** [GG21, dICS21, Eld22, IIM⁺21, KLLS22, MRZ22]. **simplex** [PSZ21]. **simplices** [FS20, Dev22]. **simplicial** [KMZ20, Kni20, KL21c]. **Simplifying** [Zhe20]. **simultaneous** [Ost23, RZ24, Her20]. **Single** [LY20, CLY22, HH23a]. **Single-pass** [LY20]. **Singular** [Djo21, CV21, CJ20, CAJ21, CK23b, Cos21, DN23, FISW21, Fra22, KL23, KK22b, KP22, KN20, LS20b, LHK20, LH21, Loe21, MQW20, Nay23, Van24b, VCR21, ZS22b]. **singularity** [AHV20, GMP22]. **Sinkhorn** [CN20b]. **SISO** [WES21]. **Six** [CdGS12, CdGS20]. **Six-dimensional** [CdGS12, CdGS20]. **size** [BMR23, BDK⁺24, CT23, CDG22a, FY23, FPR20, FW22,

HLS22, JLW22, LTYZ23, LW24, MP23a, MLH22, Nar23, Rob20, SWW21, ZG22]. **skeleton** [KLR22, dHH23]. **skew** [BHBO21, BDHS23a, Com21, Du23, DGS21b, EGV20, GS21a, HBHZ24, KT21, LR23, MP22, PS20, Pri22, QSH22, QWW21, SS21a, Sta20b, Sta23b, TFT20, Uru22, YY23, dICP20]. **skew-adjacency** [Du23]. **skew-eigenvalues** [TFT20]. **skew-Hamiltonian** [SS21a, dICP20]. **skew-Hermitian** [LR23]. **skew-involution** [PS20]. **skew-symmetric** [Com21, DGS21b, EGV20, GS21a, KT21, Pri22, Uru22]. **SKT** [BF24a]. **slice** [AdF20, AY23, GSV24]. **small** [AMO24, Alt22, BMR23, HW21b, PSRS20]. **smallest** [Csi22, KGY23, KN20, LW21a, Loe21, LLL22, Obo22, Ran23, SWW21, WWT20, ZLG20]. **Smirnov** [AOCM20]. **Smith** [BS20e, MP23b, Wan21, Wan23]. **Smooth** [Lim22b, BS21a, Lub22, MP20a]. **Smoothed** [NGK23]. **smoothers** [HLW23]. **SNIEP** [MM21, MP23a]. **solution** [MvWC23, PS23b]. **Solutions** [GvRR⁺23, BS21b, Djo23, DL23, EJ23, KST22, WvdVdH24]. **solvability** [MP20b]. **solvable** [CNO23, LNN⁺20, LS20b]. **solve** [VD22]. **Solving** [EN22, MPS24, ABCH23, BF21, HLW23, fLLV20, SDTR23]. **Some** [AGH20, ABR⁺22, Chr24a, Fra20, GK21, Gow20, HVX23, Iop20, KUZ22, Kus23, LHFL20, LH20, Miy24, Naj20, Slo20, Slo21a, WG20b, AMO24, AAMR20, APNP⁺21, BSS23, BD21a, BP23a, BdPS21, BO23, BDI20, Bri22, CNO23, CEJM21, Ces20, COB22a, GLLZ20, GAM20, GPR20, HJ24, Ime23, JJJ20b, KZPH22, Li22, Los21b, Mar24, MS24, OP21, PZ20, Shi20a, TLC20, TWW20, WSW20, ZJCA20, ZC23]. **space** [AHV20, BS21a, Ban22, BKPS23, BKS⁺21, CFSiT20, CGP21, DN23, FG23a, FP22, HMPT20, LR23, Mań22, OM20, dSP20a, SS23a, SiW22, ZW21, hB21]. **spaces** [ANAS20, ABHR22, BFMS21, BDI20, BKR⁺20, CG23, CG20, ĆD20, ĆD23b, DP23, Djo21, FPR20, Fek20, Fra22, GKS21, IKLP20, IOT21, JN22, KNS20, LL24a, MP20a, MORŠ21, MV24, MXZ20, O'L23, ORŠ23, PSRS20, Ran22, Rao21, VMB22, WXY24, Wój22a, ZT23]. **spanned** [BR24]. **spanning** [BEF20, HJBKR24, HWD23]. **sparse** [AK20, ABW22, BR22, CW21, HLW23, HMPT20, Kli20b, KS20b, SLTW22]. **sparseness** [GL20a]. **Sparsity** [BFF⁺23a]. **SPD** [TP23]. **Specht** [Che22]. **special** [DP23, GPR20, Mil24, Mor22, TLC20, AHKT21]. **specified** [AK20]. **Spectra** [BBC⁺22a, CCPKP20, DF20a, DH21, JJJ20a, AAMR20, AMS21, BS20c, BR23a, CN24, CFKO21, Coo20, DDFM⁺21, DP23, FPS22, GK20, HO20, HS22, HBHZ22, JMP21b, KIS21, LW20b, RDFM23, SMA21, SB20, SS21b, WZFW23, WFY24, Zha21, ZS22b]. **spectrahedra** [CEF⁺22, May21, MT22]. **Spectral** [AAH⁺22, AFS⁺23, BV24, Bou21, CJMP22, CER⁺23, DFS23, DKL⁺22, Des24, DTA23, FOR22, Gan23, GK22b, GM20, GLMM23, HWD23, KY21, LS20a, LBW23, LW24, O.21, WHM23, WZC23, Wan24, YYS⁺21, ZY24, ZvD21, AOA23, ADGK21, ASS21, AFSS20, AIK⁺24, AdST22, ACLS20, AC20a, AEGL21, APLN⁺23, BGG22, BC22, BHHP21, BDGY21, BR22, BCG24, BKPS23, BEFSC22, Bui22, BS24b, Ces20, CLZ20, CWZ22, CLM22, CWYZ23, CWBB23, CT24, CMS21, CZ20b, CDG21, CDG22a, DYB20, DPR20, DW21, Ere21, FY23, FLRS20, FW22, FS23, GS21a, GA21, GMR21, GM23, GLHNW20, GK21, GZ20b, GLZ21, HLH23, HBHZ24, HLS21b, HLS22, JGW24, JZZ24, JT24, KT21, KLLW21, KP23a, KPP21, LC20, LMW21, LQ21, LW21b, LY23, LJSZ23, LZ20, LOS20, LG21a, LZZ23, LLX23, LS24b, LZ21b, LLA23, MK23, MSZ21, MT21b, MLZ24, MLH22, MR21b, O.22]. **spectral** [OPPS22, PK21, QJMW23, QQM24, Ram23, ST20, SWW21, Sim20, Sim21, Sta20b, Ste21a, SD20, SD21c, SC23, WSW20,

WG20b, WCF21, WS22, WZ23a, XW21, XHW23, YBW24, YD21, ZXL20, ZWF20, ZW20, ZLG20, ZZ21, ZG22, ZvD23, ZWW23, ZHG21, ZHW21, ZL23b, ZKLS20, ZWL20b, ZWL20a, ZBWL20, hB21]. **spectrally** [ANAS20]. **Spectrum** [KK22c, AGNN20, Ban21, BCFT21, CHT20, CGP22, Coo21, Cos24, DR20, Fio20, FB21, GH24, HP22, LQL21, LLSV21, MPS22, Mar24, QWW21, SSP22, Sta23a, Sta23b, XY20c, YW22, ZK21, Zem22, ZLLZ22, Zhe20]. **spheres** [CVV21, LR23, Soł20]. **Spherical** [HW21b, Alf20a, BNS22, Est23]. **spillover** [ADGK21]. **spin** [AD20a, AD20b, FHMP21, FHMP22]. **splines** [BGOO21]. **split** [SSS21]. **splitting** [Ayd23]. **spread** [BEHK22, BCE⁺23, Bib22, CL21, LMG20, LLW23, MSZ21]. **spring** [UZ21, VS20]. **Square** [MSX22, vRvSTT21, Bar20, CP23, CGMP23, Ghi20, VS20]. **square-integer** [VS20]. **squares** [Boj21, CW21, CKTP20, Hal20, Kor21, KS23b, LV22b, Lyu20, SLTW22, SC20a]. **SR** [GSS24]. **Stability** [BCOvdD22, CT24, GOUY23, SW23, AMO24, AEGL21, BCR⁺23, BBCK24, CW21, CLRT22, Cav21, KP21, LLSV21, Zha24b]. **stabilizing** [GG21]. **Stable** [Com21, ADvdH21, BBCK24, Cav21, CHY20, Kus23, TV21]. **staggered** [KIS21]. **Standard** [KLR22]. **star** [ARS24, CDM20, CDG22b, DLL23, DHH⁺20, SS21c, GKK⁺20, KKS21]. **star-center** [CDM20]. **star-clique** [DLL23]. **starlike** [Sta23a]. **State** [NPR22, AHM20, ASG22, CW22, GL20b, KS22c]. **states** [CJMP22, CN20a, HX24, KMNP20, KS22c, SS22]. **static** [GS21b, ZK21]. **status** [JST21]. **Steiner** [AS22]. **step** [BDV21, LM22a, WCS20]. **steps** [CN20b]. **Stiefel** [GSS24]. **Stieltjes** [Kov20, YGW20]. **Stirling** [KNiO23]. **Stochastic** [KŠ22b, AKL⁺21, BC21, CZ20b, Djo23, GK20, HT22, KK20b, KK22a, MvWC23, Pra20]. **Storage** [CLLK21]. **straight** [HLS24]. **strength** [HXML21, RC23]. **strengthenings** [ELW24]. **strict** [DD23b]. **Strictly** [AJM24]. **string** [YGW20]. **Strong** [ARS24, AGK⁺21, BHD⁺21, CS20, FHLS22, GS21c, GS23b, LOS20, Wó22b]. **stronger** [Nay23]. **Strongly** [AEGV21, CCO23, GK22b]. **strongly-regular** [GK22b]. **Structural** [AJM24]. **Structure** [CPTP21, Ham22, XZ21, Bar22, BS21b, Bri22, CCU21, EJ23, FKMM21, GTW23, GFW24, JJS20b, KT21, KFS21, Lew21, LP21, Ran22, SMM24]. **structure-preserving** [GTW23, KFS21, SMM24]. **Structured** [AK20, DL22, SK21a, ADGK21, BEFSC22, Cos21, FGM21, GA21, HJBKR24, Kov21, KFS21, LHK20, dSP20b, PS22, RS21a]. **structures** [Ayd23, BDK⁺24, BE20, DLL23, GA22, KK23a, KK23b, Pat20, Tar20, VV22]. **study** [hLqJ21, Sim20]. **subalgebra** [PGST23]. **subalgebras** [BFLT23, MRZ20, MRZ22, Mig21]. **subclass** [SNK22]. **subcubic** [WH20]. **subgraph** [BD21a, FY23]. **subgraphs** [CvDB23, LW24]. **subgroup** [BL23]. **subgroups** [DHR20, HWK21, VZ20]. **subject** [DPR20, OW23, SDS21]. **submajorization** [BMS20]. **submatrices** [BJ20a, BLR21, CKM20, HW21a, RW21a]. **submonoids** [Got20]. **subnormal** [Kim22]. **subproblems** [NN24]. **subrings** [AM23a]. **subsampling** [ZL23a]. **subset** [Shi21b]. **subsets** [BMR23, Cos24, GMP22, Wer22]. **subshift** [CA22]. **Subspace** [AS20a, AD20a, AD20b, Ime23, Kin21, ZT23]. **subspaces** [BCM21, CGP21, GGGD23, GNP22, KK20a, LP22, MAG21, Pol20, RZ24, Rub22, SS21a, Van24b, WW20, Wó22b, XJLL23, Yos21]. **substochastic** [CC22a, JLL20b]. **subtrees** [LBW23]. **Sufficient** [ZWL20b, BCR⁺23, ZBWL20, ZL23c]. **Suleimanova** [GK20]. **Sum** [LNP21, AT21, BGLR22, Csi22, DGL23a,

ES23, GLT21, GPRT20, Han22, HS23a, HD22, KS20a, KZ23, LV22b, LS23, Onn21, dSP22, dSP24, TWD20]. **Sum-full** [LNP21]. **sum-of-squares** [LV22b]. **sum-rank** [BGLR22]. **summable** [TD22]. **Sums** [Jai21, KS23b, AS20a, Arl20, BM20, CWW24, FK23, FJS17, FJS21, GNP22, KL21b, Kli20a, SZ23b, dlCP20]. **sun** [AdST22, SL20b]. **Superalgebras** [IdSSV21, BBNS22, CM23a, CNO23, HLS21a, Iop20, KK23a, KLLS22]. **supercoalgebras** [KUZ22]. **supereigenvector** [SIW22]. **superpairs** [AO22]. **superversions** [NMS20]. **supported** [AKPS19, KAPS20]. **Supporting** [dAdCG⁺21, GLNW24]. **Supports** [MRV20]. **surely** [Roc20]. **Surjective** [CAEH⁺22, GS20b]. **surprising** [Dax23]. **Suslin** [JR24]. **Suzuki** [CWW24]. **Swift** [FP23]. **Switching** [EJS24, BBCD21, GKLZ20]. **Sylvester** [AdF20, BF21, Djo21, Lim22a, Pra20, Sas21]. **Symbol** [BDFF23, BDvW24]. **symbols** [BEFSC22]. **Symmetric** [BŠ23c, CP21, Kim20, O’L23, Uch23, Uru22, AFK⁺23, AD20a, AD20b, BGS22, BMR23, Bib22, BGOO21, BR21, CJMP22, CN21b, CL24, Com21, CKM20, DBV23, DJ23, DGS21b, EGV20, 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, FKMM21, GA22]. **Symplectic** [Ayd23, AdlC20, BFLT23, BJ20b, EV20, GSS24, GT21, IGW17, Jai21, JLX22, Mis20, dSP24, ŠH21a, SZ23a, SMM24, Zem22, dlCP20, dlCS21]. **system** [ABCH23, BCOvdD22, BCOvdD23, FGM21, Ros22]. **Systematic** [Ner20]. **systems** [AOCM21, BH24, BPZ21, BW21, BDN24, Bri22, CMS21, Com21, DYT22, De 20, DK21, GP21, GJ23, HLW23, HMPT20, IB22, JN22, Kak20, KHU23, LPS23, Lew21, LH21, LG21b, Mar24, MMW21, MPS24, Rei23, RW22, SDTR23, ŠH21b, SV21, WXL24, XJLL23, ZK21, Zem22, ZS22b]. **syzygies** [BT20b]. **Szego** [Fik20, FP21].

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- [ADH⁺24] **Arav:2024:MMM**
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- [ADHM23] **Anguas:2023:QTM**
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- [AdL21] **Alencar:2021:GAS**
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Arav:2021:SGS

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Arav:2023:SGM

[ADvdH23]

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Abiad:2023:BSM

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Aguilar:2020:RAR

[AFSS20]

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Ay:2015:RSA

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Serdar Ay and Aurelian Gheondea. Representations of $*$ -semigroups associated to

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Ay:2020:CRS

[AG20]

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Adm:2021:CPI

[AG21]

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Almeida:2024:MTP

[AG24]

Igor Almeida and Nikolay Gusevskii. Moduli of triples of points in quaternionic hyperbolic geometry. *Linear Algebra and its Applications*, 686(??):33–63, April 1, 2024. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379524000144>.

Akbari:2020:SLB

[AGH20]

Saieed Akbari, Amir Hossein Ghodrati, and Mohammad Ali Hosseinzadeh. Some lower bounds for the energy of graphs. *Linear Algebra and its Applications*, 591(??):205–214, April 15, 2020. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S002437952030001X>.

Arambasic:2021:OPM

[AGK⁺21]

Ljiljana Arambašić, Alexander Guterman, Bojan Kuzma, Rajna Rajić, and Svetlana Zhilina. Operators preserving mutual strong Birkhoff–James orthogonality on $\mathcal{B}(H)$. *Linear Algebra and its Applications*, 624(??):27–43, September 1, 2021. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S002437952100001X>.

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Araiza:2023:APQ

[AGKS23]

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[AGNN20]

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[Ano23e]

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Anonymous:2023:EBbv

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Anonymous:2023:PAa

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Anonymous:2023:PAc

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Anonymous:2023:PSa

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Anonymous:2023:PMb

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Anonymous:2023:PJb

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Anonymous:2023:PMc

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Anonymous:2023:PDa

[Ano23-61]

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Anonymous:2023:PMd

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Anonymous:2023:PDb

[Ano23-62]

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Anonymous:2023:PSb

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[Ano23-63]

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Anonymous:2023:PNa

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Anonymous:2023:POa

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- [Ano24c] **Anonymous:2024:EBc** Anonymous. Editorial Board. *Linear Algebra and its Applications*, 681(?):i, January 15, 2024. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379523004330>.
- [Ano24d] **Anonymous:2024:EBd** Anonymous. Editorial Board. *Linear Algebra and its Applications*, 681(?):ii, January 15, 2024. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379523004342>.
- [Ano24e] **Anonymous:2024:EBe** Anonymous. Editorial Board. *Linear Algebra and its Applications*, 682(?):i, February 1, 2024. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379523004500>.
- [Ano24f] **Anonymous:2024:EBf** Anonymous. Editorial Board. *Linear Algebra and its Applications*, 682(?):ii, February 1, 2024. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379523004500>.

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[Ano24g]

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[Ano24h]

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Anonymous:2024:EBi

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[Ano24j]

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Anonymous:2024:EBl

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[Ano24m]

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Anonymous:2024:EBn

[Ano24n]

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Anonymous:2024:EBo

[Ano24o]

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[Ano24q]

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Anonymous:2024:EBr

[Ano24r]

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Anonymous:2024:EBs

[Ano24s]

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Anonymous:2024:EBt

[Ano24t]

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Anonymous:2024:EBu

[Ano24u]

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Anonymous:2024:EBv

[Ano24v]

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Anonymous:2024:EBw

[Ano24w]

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Anonymous:2024:EBx

[Ano24x]

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Anonymous:2024:EBy

[Ano24y]

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[Ano24-28]

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[Ano24-29]

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[Ano24-30]

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Harding, Haley Duba, Chloe Makdad, Jay Mayfield, Randal Tuggle, and Eric S. Weber. Accelerating the distributed Kaczmarz algorithm by strong over-relaxation. *Linear Algebra and its Applications*, 611(??):334–355, February 15, 2021. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520305188>.

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Bukovsek:2020:CPF

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Damjana Kokol Bukovsek, Thomas Laffey, and Helena Smigoc. Completely positive factorizations associated with Euclidean distance matrices corresponding to an arithmetic progression. *Linear Algebra and its Applications*, 597(??):113–132, July 15, 2020. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520301506>.

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Bhat:2020:UGG

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Bhunia:2021:DIC

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Banerjee:2023:SGO

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[EAHS21]

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[EGJP21]

Sven-Erik Ekström, Carlo Garoni, Adam Jozefiak, and Jesse Perla. Eigenvalues and eigenvectors of tau matrices with applications to Markov processes and economics. *Linear Algebra and its Applications*, 627(??):41–71, October 15, 2021. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379521002408>.

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Karin Erdmann, Sira Gratz, and Lisa Lamberti. Cluster tilting modules for mesh algebras. *Linear Algebra and its Applications*, 630(??):112–157, December 1, 2021. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL

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[EJS24]

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Elduque:2022:NGG

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Jonathan Elmer. The separating variety for matrix semi-invariants. *Linear Algebra and its Applications*, 674(??):466–492, October 1, 2023. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379523002379>.

Elphick:2024:TCS

[ELW24]

Clive Elphick, William Linz, and Pawel Wocjan. Two conjectured strengthenings of Turán’s theorem. *Linear Algebra and its Applications*, 684(??):23–36, March 1, 2024. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379523004603>.

Estaremi:2023:RTC

[EM23]

Y. Estaremi and M. Mathieu. On the range of TRO-conditional expectations. *Lin-*

Linear Algebra and its Applications, 670(??):78–103, August 1, 2023. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379523001295>.

Evert:2022:CCO

[ES20]

[EMŠV22]

Eric Evert, Scott McCullough, Tea Štrekelj, and Anna Veršynina. Convexity of a certain operator trace functional. *Linear Algebra and its Applications*, 643(??):218–234, June 15, 2022. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379522000830>.

Eisenmann:2022:STP

[ES23]

[EN22]

Henrik Eisenmann and Yuji Nakatsukasa. Solving two-parameter eigenvalue problems using an alternating method. *Linear Algebra and its Applications*, 643(??):137–160, June 15, 2022. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S002437952200074X>.

Erey:2021:MDS

[Est20]

[Ere21]

Aysel Erey. Maximal distance spectral radius of 4-chromatic planar graphs. *Linear Algebra and its Applications*, 618(??):183–202, June

1, 2021. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379521000574>.

Ellard:2020:FNL

Richard Ellard and Helena Smigoc. Families of Newton-like inequalities for sets of self-conjugate complex numbers. *Linear Algebra and its Applications*, 597(??):46–68, July 15, 2020. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520301427>.

Engel:2023:BRS

Gernot Michael Engel and Sergeĭ Sergeev. Bounding the row sum arithmetic mean by Perron roots of row-permuted matrices. *Linear Algebra and its Applications*, 673(??):220–232, September 15, 2023. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379523001970>.

Estrada:2020:HRL

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>. ■

Estrada:2023:ENS

[FB21]

[Est23]

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 LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379522003500>.

Erzan:2020:ECE

[FCLP22]

[ET20]

Ayse 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 LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S002437951930463X>.

Ellers:2020:GSG

[FdCP20]

[EV20]

Erich W. Ellers and Oliver Villa. Generation of the symplectic group by involutions. *Linear Algebra and its Applications*, 591(??):154–159, April 15, 2020. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL

<http://www.sciencedirect.com/science/article/pii/S0024379520300070>.

Franca:2021:MSG

Francisca Andrea Macedo França and André Ebling Brondani. On the main spectrum of generalized Bethe trees. *Linear Algebra and its Applications*, 628(??):56–71, November 1, 2021. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379521002597>. ■

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 LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379522000490>.

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>.

Fernandes:2020:CCB

[FdCS20]

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>.

Feki:2020:Tco

[Fek20]

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>.

Friday:2023:PDM

[FFSW23]

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 LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL

<http://www.sciencedirect.com/science/article/pii/S0024379522004426>.

Fuentes:2020:CBM

[FG20]

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 LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379519304914>.

Fulman:2022:CLP

[FG22]

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 LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379522001008>.

Fongi:2023:MPI

[FG23a]

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/S0024379523001008>.

com/science/article/pii/S0024379523002045.

Fuentes:2023:HPM

[FG23b]

Edinson Fuentes and Luis E. Garza. On the Hahn's property for matrix orthogonal polynomials on the unit circle. *Linear Algebra and its Applications*, 675(??):118–141, October 15, 2023. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379523002422>.

Fidelis:2020:GIB

[FGDY20]

Claudemir Fidelis, Dimas José Gonçalves, Diogo Diniz, and Felipe Yukihide Yasumura. Graded involutions on block-triangular matrix algebras. *Linear Algebra and its Applications*, 585(??):24–44, January 15, 2020. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379519304124>.

Fideles:2024:CNG

[FGGG24]

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 LAA-PAW. ISSN 0024-3795 (print),

1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379523003750>.

Fazzi:2021:GSA

[FGM21]

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>.

Fang:2024:QVG

[FGPW24]

Licheng Fang, Shuzheng Guo, Yaqun Peng, and Fengpeng Wang. Quantitative version of Gordon's lemma for Hamiltonian with finite range. *Linear Algebra and its Applications*, 687(??):91–107, April 15, 2024. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <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 LAA-PAW. 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]. *Lin-*

ear Algebra and its Applications, 635(??):201–202, February 15, 2022. CODEN LAA-PAW. 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 LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379522000787>.

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 LAA-PAW. 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, Novem-

ber 15, 2020. CODEN LAA-PAW. 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 LAA-PAW. 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 pow-

ers: Results and counterexamples. *Linear Algebra and its Applications*, 520(??):242–259, May 1, 2017. CODEN LAA-PAW. 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. Corrigendum 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 LAA-PAW. 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 LAA-PAW. 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 LAA-PAW. 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 LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379522002191>.

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/S0024379522002191>.

com/science/article/pii/S0024379521004511.

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>.

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

[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 LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S002437952030149X>.

Fu:2020:NIS

[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

[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 LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520301440>.

Friedland:2020:NHP

[FM20b]

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 LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL

<http://www.sciencedirect.com/science/article/pii/S0024379520301725>.

Faccio:2022:LAM

[FM22a]

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 LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S002437952200088X>.

[FMS21]

[com/science/article/pii/S0024379520303633](http://www.sciencedirect.com/science/article/pii/S0024379520303633).

Filho:2021:LFC

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

[FM22b]

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

[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>.

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/S0024379520000441>.

[FOP22]

Farenick:2022:UWU

Douglas Farenick, Oluwatobi Ruth Ojo, and Sarah Plosker. Universality of Weyl unitaries. *Linear Algebra and its Applications*, 634(??):57–76, February 1, 2022. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S002437952200369X>.

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/S0024379521003827>.

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 LAA-PAW. 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 LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379523001842>.

Favaro:2020:SSU

[FPR20]

V. V. Fávoro, 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 LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379521002810>.

- <http://www.sciencedirect.com/science/article/pii/S0024379520303529>.
- [FPS22] **Farsi:2022:SDM**
 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>.
- [FQ20] **Fang:2020:IEB**
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Ivan Gutman, Juan Monsalve, and Juan Rada. A relation between a vertex-degree-based topological index and its energy. *Linear Algebra and its Applications*, 636(??):134–142, March 1, 2022. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379521004274>.

Grudsky:2022:ELM

[GMSG22]

Sergei M. Grudsky, Egor A. Maximenko, and Alejandro Soto-González. Eigenvalues of the Laplacian matrices of the cycles with one weighted edge. *Linear Algebra and its Applications*, 653(??):86–115, November 15, 2022. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379522002750>.

Gaubert:2020:TPN

[GN20]

Stéphane Gaubert and Adi Niv. Tropical planar networks. *Linear Algebra and its Applications*, 595(??):123–144, June 15, 2020. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520300914>.

Glasby:2022:RGD

[GNP22]

Stephen P. Glasby, Alice C. Niemeyer, and Cheryl E. Praeger. Random generation of direct sums of finite non-degenerate subspaces. *Linear Algebra and its Applications*, 649(??):408–432, September 15, 2022. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379522002038>.

Goulart:2020:AAP

[GNR20]

Paul J. Goulart, Yuji Nakatsukasa, and Nikitas Rontsis. Accuracy of approximate projection to the semidefinite cone. *Linear Algebra and its Applications*, 594(??):177–192, June 1, 2020. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S002437952030080X>.

Godsil:2021:SQW

[God21]

Chris Godsil. Sedentary quantum walks. *Linear Algebra and its Applications*, 614(??):356–375, April 1, 2021. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520304067>.

Goel:2021:DMH

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Shivani Goel. On distance

matrices of helm graphs obtained from wheel graphs with an even number of vertices. *Linear Algebra and its Applications*, 621(??):86–104, July 15, 2021. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379521001051>.

Golubev:2020:GDE

[Gol20]

Konstantin Golubev. Graphical designs and extremal combinatorics. *Linear Algebra and its Applications*, 604(??):490–506, November 1, 2020. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520303359>.

Gordienko:2024:GGA

[Gor24]

A. S. Gordienko. Graded group actions and generalized H -actions compatible with gradings. *Linear Algebra and its Applications*, 682(??):96–121, February 1, 2024. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379523004196>.

Gotti:2020:GCA

[Got20]

Felix Gotti. Geometric and combinatorial aspects of submonoids of a finite-rank free commutative monoid. *Linear*

Algebra and its Applications, 604(??):146–186, November 1, 2020. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520303001>.

Golla:2023:SPI

[GOUY23]

Ramesh Golla, Hiroyuki Osaka, Yoichi Udagawa, and Takeaki Yamazaki. Stability of \mathcal{AN} -property for the induced Aluthge transformations. *Linear Algebra and its Applications*, 678(??):206–226, December 1, 2023. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S002437952300321X>.

Gowda:2020:SMI

[Gow20]

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>.

Galazka:2021:WTI

[GOZ21]

Tomasz Gałazka, Adam Osękowski, and Yahui Zuo. A weak-type (∞, ∞) inequality for the triangular projection. *Lin-*

ear Algebra and its Applications, 612(??):112–127, March 1, 2021. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520305619>.

Guo:2020:LBD

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Shuzheng Guo and Daxiong Piao. Lyapunov behavior and dynamical localization for quasi-periodic CMV matrices. *Linear Algebra and its Applications*, 606(??):68–89, December 1, 2020. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520303542>.

Giscard:2021:TSC

[GP21]

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

Grover:2020:PPS

[GPR20]

Priyanka Grover, Veer Singh Panwar, and A. Satyanarayana Reddy. Positivity proper-

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

Ganie:2020:FDB

[GPRT20]

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Guo:2020:GRP

[GQZ20]

Wenxing Guo, Shanshan Qin, and Zhiwen Zhao. Generalized ridge and principal correlation estimator of the regression coefficient in growth curve model. *Linear Algebra and its Applications*, 591(??):115–133, April 15, 2020. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520300100>.

Gatephan:2021:DLM

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Peeraphat Gatephan and Kijti 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>.

Grilliette:2022:IHI

[GRR22]

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>.

Gowda:2020:RTT

[GS20a]

M. Seetharama Gowda and Roman Sznajder. A Riesz–Thorin type interpolation theorem in Euclidean Jor-

dan algebras. *Linear Algebra and its Applications*, 585(??):178–190, January 15, 2020. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379519304185>.

Guterman:2020:PPP

A. E. Guterman and I. A. Spiridonov. Permanent Polya problem for additive surjective maps. *Linear Algebra and its Applications*, 599(??):140–155, August 15, 2020. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S002437952030183X>.

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Marcell Gaál and Brigitta Szilágyi. c -spectral isometries of skew-symmetric matrices: the eight dimensional case. *Linear Algebra and its Applications*, 609(??):108–113, January 15, 2021. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520304109>.

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Nicolas Gillis and Punit Sharma. Minimal-norm static feedbacks using dissipative Hamiltonian matrices. *Linear Algebra and its Applica-*

tions, 623(??):258–281, August 15, 2021. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520300677>.

Guterman:2021:LCW

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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>.

Gavrilyuk:2023:MDE

[GS23a]

Alexander L. Gavrilyuk and Sho Suda. On the multiplicities of digraph eigenvalues. *Linear Algebra and its Applications*, 673(??):101–137, September 15, 2023. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-

1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379523001416>.

Guterman:2023:LOP

[GS23b]

Alexander Guterman and Pavel Shteyner. Linear operators preserving strong majorization of $(0, 1)$ -matrices. *Linear Algebra and its Applications*, 658(??):116–150, February 1, 2023. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379522003937>.

Guterman:2024:LPP

[GS24]

A. E. Guterman and I. A. Spiridonov. On linear preservers of permanental rank. *Linear Algebra and its Applications*, 680(??):325–340, January 1, 2024. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379523003968>.

Gao:2024:OSS

[GSS24]

Bin Gao, Nguyen Thanh Son, and Tatjana Stykel. Optimization on the symplectic Stiefel manifold: SR decomposition-based retraction and applications. *Linear Algebra and its Applications*, 682(??):50–85, February 1, 2024. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL

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Gori:2024:ZSN

[GSV24]

Anna Gori, Giulia Sarfatti, and Fabio Vlacci. Zero sets and Nullstellensatz type theorems for slice regular quaternionic polynomials. *Linear Algebra and its Applications*, 685(??):162–181, March 15, 2024. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379524000053>.

Granario:2021:PPD

[GT21]

Daryl Q. Granario and Tin-Yau Tam. Products of positive definite symplectic matrices. *Linear Algebra and its Applications*, 626(??):188–203, October 1, 2021. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S002437952100224X>.

Gardella:2023:ZPB

[GT23]

Eusebio Gardella and Hannes Thiel. Zero-product balanced algebras. *Linear Algebra and its Applications*, 670(??):121–153, August 1, 2023. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379523001490>.

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/S0024379520301932>.

Groenewald:2021:RSM

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Groenewald:2023:SME

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Gau:2020:MPC

- [GW20] Hwa-Long Gau and Kuo-Zhong Wang. Matrix powers with circular numerical range. *Linear Algebra and its Applications*, 603(??):190–211, October 15, 2020. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520304948>. [GWW21]

[com/science/article/pii/S0024379520302834](http://www.sciencedirect.com/science/article/pii/S0024379520302834).

Gau:2022:NRH

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Gift:2024:RFP

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- [GZ22] **Godsil:2022:FRN** Chris Godsil and Xiaohong Zhang. Fractional revival on non-cospectral vertices. *Linear Algebra and its Applications*, 654(??):69–88, December 1, 2022. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379522003081>.
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- [GZ23] **Galvin:2023:TNN** David Galvin and Yufei Zhang. Totally non-negativity of a family of change-of-basis matrices. *Linear Algebra and its Applications*, 676(??):88–103, November 1, 2023. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379523002690>.
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(n, m) -graph having the i -th minimal Laplacian coefficient is a threshold graph. *Linear Algebra and its Applications*, 631(??):398–406, December 15, 2021. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379521003463>.

Hamedani:2019:EHH

[HAD19]

Ali Memar Hamedani, Rahim Alizadeh, and Silvestru Sever Dragomir. An extension of Haagerup–Harpe inequality. *Linear Algebra and its Applications*, 577(??):69–77, September 15, 2019. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S002437951930179X>. See corrigendum [Ali20].

Haemers:2021:HRB

[Hae21]

Willem H. Haemers. Hoffman’s ratio bound. *Linear Algebra and its Applications*, 617(??):215–219, May 15, 2021. CODEN LAA-PAW. 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 LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520303438>.

Hamhalter:2022:SPR

[Ham22]

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

Hamm:2023:GPD

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Hansen:2021:EMW

[Han21]

Jakob Hansen. Expansion in matrix-weighted graphs. *Linear Algebra and its Applications*, 630(??):252–273, December 1, 2021. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379521000751>.

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Hansen:2022:NPS

[Han22]

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Hari:2022:QCC

[Har22]

Vjeran Hari. On the quadratic convergence of the complex HZ method for the positive definite generalized eigenvalue problem. *Linear Algebra and its Applications*, 632(??):153–192, January 1, 2022. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379521003190>.

han:2021:QSP

[hB21]

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Hu:2022:SRM

Dan Hu, Hajo Broersma, Jiangyou Hou, and Shenggui Zhang. The spectra of random mixed graphs. *Linear Algebra and its Applications*, 653(??):320–338, November 15, 2022. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379522002968>.

Hu:2024:SSR

[HBHZ24]

Dan Hu, Hajo Broersma, Jiangyou Hou, and Shenggui Zhang. The skew spectral radius and skew Randić spectral radius of general random oriented graphs. *Linear Algebra and its Applications*, 685(??):125–137, March 15, 2024. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S002437952400003X>.

Hou:2020:HPA

[HCZ20]

Yuan Hou, An Chang, and Lei Zhang. A homogeneous polynomial associated with general hypergraphs and its applications. *Linear Algebra and its Applications*, 591(??):72–86, April 15, 2020. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520300057>.

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tisets of range uniqueness for polynomials. *Linear Algebra and its Applications*, 589(??):39–61, March 15, 2020. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379519305221>.

Hunnell:2020:ITF

[HHS20b]

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

Halbeisen:2021:MSP

[HHS21]

Lorenz Halbeisen, Norbert Hungerbühler, and Salome Schumacher. Magic sets for polynomials of degree n . *Linear Algebra and its Applications*, 609(??):413–441, January 15, 2021. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520304481>.

Hu:2024:PSS

[HJ24]

ChaoLong Hu and YouQing Ji. Power set of some quasinilpotent weighted shifts on ℓ^p . *Linear Algebra and its Applica-*

tions, 686(??):111–133, April 1, 2024. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379524000193>.

Hare:2024:UOS

[HJBKR24]

Warren Hare, Gabriel Jarry-Bolduc, Sébastien Kerleau, and Clément W. Royer. Using orthogonally structured positive bases for constructing positive k -spanning sets with cosine measure guarantees. *Linear Algebra and its Applications*, 680(??):183–207, January 1, 2024. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379523003798>.

Hwang:2020:TPH

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Jinmi Hwang and Sejong Kim. Tensor product and Hadamard product for the Wasserstein means. *Linear Algebra and its Applications*, 603(??):496–507, October 15, 2020. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520303232>.

Huang:2023:RDM

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Huang:2022:MSR

[HLS22]

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Huang:2024:CSL

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He:2023:OSA

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tions, 656(??):304–323, January 1, 2023. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379522003561>.

Hong:2020:CEG

[HLX20]

Zhen-Mu Hong, Hong-Jian Lai, and Zheng-Jiang Xia. Connectivity and eigenvalues of graphs with given girth or clique number. *Linear Algebra and its Applications*, 607(??):319–340, December 15, 2020. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520303888>.

Huang:2021:DHD

[HLYZ21]

Hua-Lin Huang, Huajun Lu, Yu Ye, and Chi Zhang. Diagonalizable higher degree forms and symmetric tensors. *Linear Algebra and its Applications*, 613(??):151–169, March 15, 2021. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520305851>.

Huang:2023:CMF

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Hua-Lin Huang, Huajun Lu, Yu Ye, and Chi Zhang. Centers of multilinear forms and applications. *Linear Algebra and its Applications*, 673(??):160–176, September

15, 2023. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379523001891>.

Hou:2017:EIM

[HLZ17]

Xin Hou, Shangzhi Li, and Qingqing Zheng. Expressing infinite matrices over rings as products of involutions. *Linear Algebra and its Applications*, 532(??):257–265, November 1, 2017. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379517304111>. See corrigendum [Hou20].

Heuer:2020:BSR

[HMPT20]

Janin Heuer, Frederic Matter, Marc E. Pfetsch, and Thorsten Theobald. Block-sparse recovery of semidefinite systems and generalized null space conditions. *Linear Algebra and its Applications*, 603(??):470–495, October 15, 2020. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520303190>.

Huang:2021:WFO

[HMS21]

Jiahui Huang, David McKinnon, and Matthew Satriano. What fraction of an S_n -orbit can lie on a hyperplane?

Linear Algebra and its Applications, 613(??):1–23, March 15, 2021. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520305656>.

Hertrich:2021:CPN

[HNS21]

Johannes Hertrich, Sebastian Neumayer, and Gabriele Steidl. Convolutional proximal neural networks and Plug-and-Play algorithms. *Linear Algebra and its Applications*, 631(??):203–234, December 15, 2021. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379521003372>.

Haemers:2020:USD

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Willem H. Haemers and Mohammad Reza Oboudi. Universal spectra of the disjoint union of regular graphs. *Linear Algebra and its Applications*, 606(??):244–248, December 1, 2020. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520303621>.

Homma:2020:FPF

[Hom20]

Masaaki Homma. Fragments of plane filling curves of degree $q + 2$ over the finite field of q elements, and of affine-plane

filling curves of degree $q + 1$. *Linear Algebra and its Applications*, 589(??):9–27, March 15, 2020. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379519305191>.

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].

Howlader:2022:DSM

[HP22]

Adivi Howlader and Pratima Panigrahi. On the distance spectrum of minimal cages and associated distance biregular graphs. *Linear Algebra and its Applications*, 636(??):115–133, March 1, 2022. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379521004201>.

Haviv:2023:BRC

[HP23a]

Ishay Haviv and Michal Parnas. The binary rank of circulant block matrices. *Lin-*

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Hosseinzadeh:2023:MPA

[HP23b]

Roja Hosseinzadeh and Tatjana Petek. Maps preserving the ascent and descent of product of operators. *Linear Algebra and its Applications*, 671(??):109–120, August 15, 2023. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379523001337>.

Huang:2021:NLP

[HPSZ21]

Yanhe Huang, George Petroulakis, Frank Sottile, and Igor Zelenko. Nontrivial linear projections on the Grassmannian $\text{Gr}_3(C^6)$. *Linear Algebra and its Applications*, 610(??):488–505, February 1, 2021. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520304778>.

Hadwin:2020:NMT

[HR20]

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He:2020:PPI

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Tian-Xiao He and Louis Shapiro. Palindromes and pseudo-involution multiplication. *Linear Algebra and its Applications*, 593(??):1–17, May 15, 2020. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520300410>.

Hofmann:2022:ECM

[HS22]

Tobias Hofmann and Uwe Schwerdtfeger. Edge-connectivity matrices and their spectra. *Linear Algebra and its Applications*, 640(??):34–47, May 1, 2022. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379522000209>.

Higashitani:2023:AMF

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Akihiro Higashitani and Yuya Sugishita. Adjacency matrices over a finite prime field and their direct sum decompositions. *Linear Algebra and its Applications*, 677(??):306–322, November 15, 2023. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL

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Hisabia:2023:AGP

[HS23b]

Aritra Narayan Hisabia and Manideepa Saha. Algebraic and geometric properties of L_+^n -semipositive matrices and L_+^n -semipositive cones. *Linear Algebra and its Applications*, 672(??):210–227, September 1, 2023. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379523001829>.

Hameed:2021:SDS

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Shahul K. Hameed, T. V. Shijin, P. Soorya, K. A. Germina, and Thomas Zaslavsky. Signed distance in signed graphs. *Linear Algebra and its Applications*, 608(??):236–247, January 1, 2021. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520303979>.

Hallman:2022:MAS

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Eric Hallman and Devon Troester. A multilevel approach to stochastic trace estimation. *Linear Algebra and its Applications*, 638(??):125–149, April 1, 2022. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379522000209>.

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Huy:2023:SGR

Haemers:2023:SGM

[HVX23]

[HT23]

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Hu:2021:EEC

[HW20]

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Henriksen:2020:CIR

Amelia Henriksen and Rachel Ward. Concentration inequalities for random matrix products. *Linear Algebra and its Applications*, 594(??):81–94, June 1, 2020. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520300574>.

Huang:2022:QUC

[HW21a]

[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>.

Herr:2021:ICH

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Yang. The characteristic polynomial of projections. *Linear Algebra and its Applications*, 680(??):170–182, January 1, 2024. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379523003774>.

Inghelbrecht:2022:PHP

[IB22]

Gilles Inghelbrecht and Kurt Barbé. Parallelization of Hermitian positive definite systems of equations: a hierarchical Jacobi approach. *Linear Algebra and its Applications*, 639(??):81–115, April 15, 2022. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379522000052>.

Ioppolo:2021:SGI

[IdSSV21]

A. Ioppolo, R. B. dos Santos, M. L. O. Santos, and A. C. Vieira. Superalgebras with graded involution: Classifying minimal varieties of quadratic growth. *Linear Algebra and its Applications*, 621(??):105–134, July 15, 2021. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379521001087>.

Idel:2017:PBW

[IGW17]

Martin Idel, Sebastián Soto Gaona, and Michael M.

Wolf. Perturbation bounds for Williamson’s symplectic normal form. *Linear Algebra and its Applications*, 525(??):45–58, July 15, 2017. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379517301751>. See note [SZ23a].

Ide:2021:IEG

[IIM⁺21]

Yusuke Ide, Ayaka Ishikawa, Hideaki Morita, Iwao Sato, and Etsuo Segwa. The Ihara expression for the generalized weighted zeta function of a finite simple graph. *Linear Algebra and its Applications*, 627(??):227–241, October 15, 2021. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379521002433>.

Ilisevic:2020:CRB

[IKLP20]

Dijana Ilisević, Bojan Kuzma, Chi-Kwong Li, and Edward Poon. Complexifications of real Banach spaces and their isometries. *Linear Algebra and its Applications*, 589(??):222–241, March 15, 2020. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379519305208>.

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- [Iop20] Antonio Ioppolo. Some results concerning the multiplicities of cocharacters of superalgebras with graded involution. *Linear Algebra and its Applications*, 594(??):51–70, June 1, 2020. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520300811>.
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- [Jai21] Tanvi Jain. Sums and products of symplectic eigenvalues. *Linear Algebra and its Applications*, 631(??):67–82, December 15, 2021. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S002437952100313X>.

Julio:2024:APN

[JCD24]

Ana I. Julio, Valeria Collants, and Roberto C. Díaz. About the persymmetric nonnegative inverse eigenvalue problem in low dimension. *Linear Algebra and its Applications*, 690(??):142–161, June 1, 2024. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379524000983>.

[JJL20a]

Jankowski:2020:SCH

Eric Jankowski, Charles R. Johnson, and Derek Lim. Spectra of convex hulls of matrix groups. *Linear Algebra and its Applications*, 593(??):74–89, May 15, 2020. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520300227>.

Jeong:2020:WMD

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Lardizabal:2022:MHT

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Li:2020:ASR

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Lau:2021:PAS

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Li:2021:TES

[LW21b]

Xueliang Li and Zhiqian Wang. Trees with extremal spectral radius of weighted adjacency matrices among trees weighted by degree-based indices. *Linear Algebra and its Applications*, 620(??):61–75, July 1, 2021. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379521000823>.

Lu:2021:BRC

[LW21c]

Yong Lu and Jingwen Wu. Bounds for the rank of a complex unit gain graph in terms of its maximum degree. *Linear Algebra and its Applications*, 610(??):73–85, February 1, 2021. CODEN LAAPAW. ISSN 0024-3795 (print),

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Lu:2021:NSG

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Liu:2024:SRG

[LW24]

Yuxiang Liu and Ligong Wang. Spectral radius of graphs of given size with forbidden subgraphs. *Linear Algebra and its Applications*, 689(??):108–125, May 15, 2024. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379524000776>.

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[LWB20]

Xingyu Lei, Jianfeng Wang, and Maurizio Brunetti. Graphs whose second largest signless Laplacian eigenvalue does not exceed $2 + 2$. *Linear Algebra and its Applications*, 603(??):242–264, October 15, 2020. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL

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Lu:2021:CUG

[LWH21]

Lu Lu, Jianfeng Wang, and Qiongxiang Huang. Complex unit gain graphs with exactly one positive eigenvalue. *Linear Algebra and its Applications*, 608(??):270–281, January 1, 2021. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520304389>.

Li:2022:HNO

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Liu:2020:GCG

[LWYL20]

Fenjin Liu, Wei Wang, Tao Yu, and Hong-Jian Lai. Generalized cospectral graphs with and without Hamiltonian cycles. *Linear Algebra and its Applications*, 585(??):199–208, January 15, 2020. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520301051>.

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Liang:2023:GTM

[LWZL23]

Xin Liang, Li Wang, Lei-Hong Zhang, and Ren-Cang Li. On generalizing trace minimization principles. *Linear Algebra and its Applications*, 656(??):483–509, January 1, 2023. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S002437952200372X>.

Li:2020:SPR

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Hanyu Li and Shuheng Yin. Single-pass randomized algorithms for LU decomposition. *Linear Algebra and its Applications*, 595(??):101–122, June 15, 2020. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520301051>.

Li:2023:SEG

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trices of order 4. *Linear Algebra and its Applications*, 654(??):102–124, December 1, 2022. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379522003172>.

Manivannan:2024:PAO

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Marrinan:2021:MEB

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William J. Martin. Scaffolds: a graph-theoretic tool for tensor computations related to Bose–Mesner algebras. *Linear Algebra and its Applications*, 619(??):50–106, June 15, 2021. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379521002081>.

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Maroncelli:2024:FSD

[Mar24]

Daniel Maroncelli. The Fučík spectrum for discrete systems and some nonlinear existence theorems. *Linear Algebra and its Applications*, 684(?):63–86, March 1, 2024. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379523004615>.

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Thorsten Mayer. Polyhedral faces in Gram spectrahedra of binary forms. *Linear Algebra and its Applications*, 608(?):133–157, January 1, 2021. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520303980>.

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Miao:2021:MCP

[MC21b]

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Mishra:2023:NAE

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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 LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379521001142>.

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Meng:2022:TCP

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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/S0024379522001142>.

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Mezzadri:2021:GID

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 LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379521001130>.

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

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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

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Minh:2022:APM

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]

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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/S0024379522001150>.

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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/S0024379523000878>.

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Morelli:2020:DSI

[MKE⁺20]

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Min:2022:SUB

[MLH22]

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Mlotkowski:2022:QEC

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[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>.

Milovanovic:2022:ZQP

[MMA22]

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Marijuan:2021:CTZ

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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/S0024379520305887>.

Matar:2022:MSR

[MMN22]

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[ĐMM⁺22]

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Masakova:2021:GSS

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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>.

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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>.
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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>.
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- [MMW21] **Mehl:2021:DPD**
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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>.
- [MMZ20] **Marino:2020:MCA**
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/S0024379521003992>.

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Meier:2024:FRN

[MN24]

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Qiu:2023:GSC

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Qiu:2024:GSC

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Rai:2023:BML

[Rai23]

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Roy:2021:OBF

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[RT23]

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Rubei:2021:IMR

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Rubei:2022:ASM

[Rub22]

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Rump:2022:ELU

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Rosa:2021:CSR

[RW21a]

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Rue:2022:NLD

Roy:2021:SPI

Reich:2024:CMA

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Schonlein:2022:FEU

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Sun:2021:PDC

[SD21c]

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Sun:2021:PCD

[SD21d]

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Sorensen:2021:BFS

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