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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, ZZ21, ZHW21, YBW24]. 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^m
[EJL20]. C^* [CN20a, CDR23, EE23, FPS22,
Ham22, Sin21, XY20b, BH24, MS24]. 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, OPPS22, ZZ21, ZHW21]. **-spread**
 [LMG20]. **-stability** [KP21]. **-stable**
 [Kus23]. **-step** [BDV21]. **-sun** [AdST22].

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

1} [AdLN23, Ano22-57, Ano22-69, Ano22-65,
 Ano22-59, Ano22-52, Ano22-58, Ano22-63,
 Ano22-60, Ano23-52, Ano23-53, Ano23-61,
 Ano23-63, Ano23-51, Ano23-54, Ano23-49,
 Ano23-65, Ano23-68, Ano23-69, Ano23-58,
 Ano24y, Ano24-35, Ano24-36, Ano24-28,
 Ano24z, Ano24-31]. **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,
 Ano24-32, Ano24-27, Ano24-29, Ano24-30,
 Ano24-34].

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**
 [Ano24y, Ano24-35, Ano24-32, Ano24-36,
 Ano24-27, Ano24-28, Ano24-29, Ano24z,
 Ano24-30, Ano24-31, Ano24-34]. **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** [GMR20]. **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, PPZ⁺21, Pan22, PPZ⁺23, 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, Slo21a, SD21a, AOCM20, BK22, BE20, CW23a, CW23b, CCS22, CFR23, CDR23, CdSV22, DRG24, FM20a, FGGG24, FP22, FT23, GFD21, dAGK21, Jon21, 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, Slo21b]. **almost-principal** [FMR20]. **almost-Riordan** [AK23, Slo21b]. **Alpha** [Min22]. **Alternating** [OJQ20, OQ22, EN22, KKS21, RZ24]. **alternative** [GvRR21a]. **Aluthge** [GOUY23, Yam21]. **amenable** [CN20a]. **among** [DJ23, LW21b]. **amplitudes** [JS22]. **analogue** [MMV22, Ner20]. **analysis** [AFSS20, AK20, AKVS23, AV23, BEFSC22, BDFF23, CW21, FKM20, GM20, GFW24, HH23a, 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, Slo21a, 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, Ano24y, Ano24-33]. **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, Slo20, Slo21a, Slo21b, SS23c, YY21]. **arrowhead** [CRSY22]. **Artin** [FKK21a]. **Artinian** [Alt22]. **ascent** [HP23b]. **Askey** [SS20]. **aspects** [Got20, VV22]. **assignment** [ZK21]. **assignments** [NMS20]. **associated** [AG15, AG20, BR22, BLS20, 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, 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]. **Blanchfield** [BCP22]. **Blind** [GZ20a, KKM22b]. **Block** [CLRT22, HMPT20, BS20d, BJ23, CW21, CZ20b, CDG21, CDG22a, Dew21, DdR20, FGDY20, FLT20, FG20, HP23a, JGW24, LOŠ21a, LG21b, PŠ23a, RS21a, RKBA21, SZSMB20, VD22, XLS20, YOY21, ZL23a, ZL23b, dAdCG⁺21, KK23a]. **block-diagonal** [BS20d]. **block-Jacobi** [YOY21]. **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]. **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** [CCK21a, XY20a]. **Certain** [DY23a, AG21, BDNO20, BS20f, BMPS23, Cra21, CMR21, DO22, EMŠV22, GLZ20, GL20a, JMP21b, LW21a, Shi21c, TW21]. **chain** [BHKW22, CM23b]. **Chains** [CGG⁺21, AHV20, CCPKP20, CK23b, CR21, DS20, HX24, LL20, VS20]. **Change** [JST21, AS24, GZ23, SD21a, SD21d, TLC20]. **change-of-basis** [GZ23]. **changes** [KK22b]. **channels** [AKL⁺21, GL21, LCH23]. **Characterisation** [Ram23]. **Characteristic** [JL22, Kad20, ABSV21, CB21, Cia20b, DvDW23, GM22, HY24, HHS20b, JR24, Kor21, KLLS22, LS20b, Pan23, YLZH21, Zhe21]. **characteristic-like** [GM22]. **characteristics** [AKPS19, BN23, KAPS20]. **Characterization** [AG21, MP20a, NYW22, TWW20, AMR20, AdST22, AK23, BP21b, BP23b, DMS20, DY23b, DdF23, FGGG24, MA22, MM21, NWW20, SC20a, SSS21, TW21, Lew21]. **Characterizations**

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

Characterizing [AHZ22, KSSW20, Tan23, VTBC20].

Charlier [XJLL23]. **Chebyshev** [MSZ23, WCS20]. **Chebyshev-like** [WCS20]. **checkerboards** [EJS24].

Cheeger [KMP23]. **Chief** [Ano21-49, Bru21, Bru22, Bru24]. **chiral** [FP23]. **Cholesky** [Kim20]. **chordal** [AJM21, AJM24]. **Chromatic** [CK23a, Ere21, Gan23, PK21, WYF⁺20, WYQ21].

Chung [YZY24]. **circle** [Adr22, BBCD21, FG20, FG23b]. **Circulant** [DN21, AAMR20, ACOM21, CEJM21, Che21, DS22, HP23a, LS23, ĐMM⁺22].

Circular [Lee22, TŽ23, GW20, PW21]. **circularity** [vdMvSW24]. **CKV** [CCL21]. **CKV-type** [CCL21]. **Clarkson** [BL20].

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

Classes [BP21a, ACD22, BC24, GLZ20, GK22b, KZPH22, ME21, MST24, OP21, PPŽ21, Pan22, PPŽ23, WZ23b, ZM21].

classical [CGP21, KW20, Pan23, Pet21].

Classification [AADT23, BKS⁺21, DGL23b, FN23, SS23b, ABCO22, DGdSS23, HX24, Sim21]. **classify** [LNN⁺20]. **Classifying** [BDN24, IdSSV21].

clean [Šte22b]. **Cleaning** [KS22a]. **clique** [DLL23, DW21, HLX20, HXLL21, JGZ21, WHM23, ZvD21]. **cliques** [DKL⁺22, MLZ24]. **close** [MS21]. **Closed** [BKLT23, BHBO21, De 20, SL21].

Closed-range [BKLT23]. **closest** [Kov21].

Cluster [EGL21]. **clustered** [BDGY21, KN20]. **clustering** [AEGL21].

Clusters [CK23b]. **CM** [EL20]. **CMV** [FG20, GP20]. **Co** [VJ24, AV23, BPS23, ZBCI21].

Co-eigenvector [VJ24]. **co-EP** [ZBCI21]. **co-extensions** [BPS23]. **co-isometric** [AV23]. **coalgebras** [FMS21, KUZ22, Pan21]. **cocharacters** [CdSV22, Iop20]. **coclique** [SD21c]. **code** [KCML20]. **coded** [FT23]. **Codes** [BCR20, AGNPSE23, BZZ22, CM23b, CL21, CXZ22, GL20a, GLT23, LLSV21, MMZ20, NPkT21, NPR22, NPSE24, NPHT20, Ner20, Oli21, ZT23]. **Codeterminantal** [AAHV22].

codimension [Alt22, MRT20]. **codimensions** [Riz23]. **coding** [KS22a]. **coefficient** [GZZ21, GQZ20, LL21b]. **coefficients** [Bay24, Du23, GP21, MMA22, PP20, RS21a, VS23]. **cograph** [LL21e]. **cographs** [BR23a]. **Cohen** [FG22].

coherence [MB20]. **coherent** [Sud22]. **cohomology** [FKK21a]. **coin** [SMA20]. **coincide** [tHvdM21]. **cokernel** [CLS23].

Colin [MS20b]. **Collatz** [KL21a]. **collection** [MAG21]. **collocation** [MMV22].

Coloring [AMZ21, KKO22]. **Colorings** [O.22]. **colourings** [OJQ20]. **Column** [Shi21b, RC23]. **columns** [FJ24].

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

Combinatorics [DS20, Gol20]. **common** [LHK20]. **communicability** [HD22].

commutant [BPS23]. **Commutative** [BE20, FN23, Got20, Mig21, PR22a, SS22, Szc21]. **Commutativity** [Pan22, ORŠ23].

Commutator [CAJ21, CJ20, CKOS22].

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

Commuting [CMT21, BCG24, BPS23, BFPS21, BKS15, BKSP23, Fek20, LP21, SS20, Xie21].

Comon [ZHSX20]. **compact** [JLM20a, JLM20b, Pan22, Rao21, hB21].

compactly [AKPS19, KAPS20].

Comparative [ŠH21a]. **Comparing** [CTS23, RZ24]. **Compatible** [BKS15, BKSP23, Gor24, GFW24].

compensation [MM21]. **competition** [CKKR23]. **complement** [Dev22, MH20, MH21, TT21].

complementable [ACM20].
Complementarity [BCFT21, CD23a, DY23b, FQ20, MG21, MC21b, SS21b, SNK22, XX20].
complementary [VD22]. **complements** [ARS24, CMM22, LQL21, MK23, QLCM20].
Complete [AC21, FHMP21, FHMP22, BGOO21, CCPKP20, Coo20, IMT20, SC20a, Shi21b, SSS21, SD21a, SD21d, TLC20, Zhe20, Zhe21, tHvdM21]. **Completely** [BLS20, JS22, AKN23, BHMU20, BKT23, FOR22, GD20, LHFL20, SM23, ZFZ20].
completion [BT20a, BBS20, DAG21, Kim22, SL20a, TL21]. **completions** [CP21, EGC21]. **Complex** [BFLT23, CFK⁺20, LWH21, XZWT20, ACLS20, CDM21, ES20, EJL20, Fik20, FP21, Har22, HHD21, HW21a, Kni20, KP23b, LZZ23, LW21c, MRZ22, MvWC23, dSP20a, SK21b, WCKQ20].
complex-valued [MvWC23]. **complexes** [KMZ20]. **Complexifications** [IKLP20].
complexity [TTV23]. **component** [FKMM21]. **components** [Yaz21].
composition [AOCM20, SS23a, SS24b].
Compositions [Kye23]. **compound** [FKMM21]. **compressing** [Cos22].
compression [Cra21, CMR21]. **comprised** [FS20]. **Computation** [SK21a, Bol21, CHHS20, DK21, MC21a, NV23b, OSC20, Var21, Zhe20].
computational [Bai24, Men22, Sim20].
computations [MPR22, MMV22, Mar21, Yan21].
computed [CKTP20]. **computing** [AHZ22, KK20a, NV23a]. **Concavity** [CZ22a, Shi20a, BW24, BO23, Nie24].
Concentration [HW20]. **concentric** [PW21]. **concept** [KP21, SG20].
concerning [CJ20, FdCS20, GAM20, Gye23, Iop20, Miy24, QJW20, Row20]. **condition** [AJNS24, BCR⁺23, BS20e, CV21, DBV23, Gal21, GLZ21, fLLV20, LG21a, Pra20, Sch23, Van24]. **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 [BC24, CXZ22, AM21, BRL23, ZT23].
contain [Vit21]. **containing** [AS20a].
contingency [PP20]. **Continuity**

[CG20, RW21a, Car21]. **continuous** [Zha22]. **continuous-time** [Zha22]. **contour** [FP21]. **contracting** [LC20]. **contraction** [AWvW24]. **contractions** [LZ21a]. **contractivity** [BCE21]. **control** [BPZ21, Dra22, Ost23, WES21, ZK21]. **controllability** [AD20a, AD20b, BPZ21]. **controllable** [DYLL23]. **Convergence** [CW21, ABCH23, BWW21, BDFF23, Har22, SDTR23, YOY21]. **converters** [GS21c]. **Converting** [DGS21b]. **Convex** [GKS21, MS21, JLL20a, Sán21, ST22, ST20]. **Convexity** [CF22, EMŠV22, San23]. **Convolutorial** [HNS21, NPR22]. **coordinates** [CR23, FM22a, Sar21]. **Coordination** [FT23]. **copositive** [LV22b, LHFL20]. **copositivity** [Ans21]. **coprime** [Var21]. **corank** [EG20, Kop20, SZ21]. **core** [BCG24, WJLW24, Mif21]. **core-nilpotent** [WJLW24]. **corners** [MRZ20]. **corona** [LLH20]. **corona-type** [LLH20]. **coronae** [SC20b]. **Correlation** [BAPF23, GQZ20, Li20a]. **correspondence** [WvdVvdH24]. **corresponding** [BLS20, FKKM22, PPŽ23, RS21a, TV21]. **Corrigendum** [AD20a, Ali20, AG20, BP23b, BDHS23b, BKSP23, CdGS20, FJS21, FHMP22, Hou20, JLM20a, MH21, PW20, Slo21a, SD21a]. **cosine** [HJBKR24, SS24b]. **Cospectral** [ADHS23, GZ22, KSSW20, LWYL20, QJW20]. **Cospectrality** [MPRS21, Her20]. **costly** [OPA23]. **countable** [LL20, dSP23a]. **counter** [Slo20, Slo21a]. **Counterexamples** [CLwW22, CDPR23, FJS17, FJS21]. **Counting** [Rei23]. **coupled** [GP21, ZBdAF20]. **couplings** [OSC20]. **Covariance** [RRvW24, GZ20a]. **covariant** [LCH23]. **cover** [BK22]. **covered** [WZC23]. **covering** [AADT23]. **Cowen** [JKX20]. **Coxeter** [Sim20, Sim21, SZ21, SZ22a, dIPG21]. **CP** [ZBdAF20]. **Cramer** [NWW20]. **criteria** [SIW22]. **criterion** [MMW22]. **Critical** [DLL23, BM22]. **Cross** [DGET21, CKM20]. **Crouzeix** [Li20b, PPW20]. **cubic** [CH21]. **Cuntz** [ACSS22]. **curvature** [ÁVKP20b, Sic21]. **curve** [GQZ20, LPS23, SS23b]. **curves** [BdPS21, Hom20, NYW22, Sán21]. **Cut** [Mis22, Nic20, AdLN23, FYS⁺23, MMP21]. **cut-and-project** [MMP21]. **Cvetković** [KKOO22]. **Cvetković-type** [KKOO22]. **cycle** [BAPF23, TCC21, ZWF20]. **cycles** [AAH⁺22, AGNN20, ACDG21, CWZ22, CP21, Des24, GMSG22, JMP21a, KSY21, LW21a, LY23, LG21a, LWYL20, MLZ24, dSP23a, RDFM23, SMA20, SD21c, Tho22, ZLLZ22]. **Cyclic** [BDvW24, Bol22, CL21, CKLN23, DdR20, Gau24, Mig21, ZT23]. **cyclicity** [KCPMNS21]. **cyclicly** [KS23a]. **cyclomatic** [WWJ20].

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CLM20, DMQD20, EN22, FHLS22, Har22, IKPR20, JL20, JMP21b, JCD24, KL21b, KGY23, KAGH24, KP22, LWB20, LOŠ21a, LOŠ23, LDSS20, LWH21, LLL22, MvWC23, NYW22, Obo22, Obo24, PS22, Ran23, SS21c, Sta20a, TWW20, TW21, TJ21, VD22, WWJ20, WFGT20, WYF⁺20, WZW⁺21, WCS20, WQP23, XWT20, XLYS20, XLS20, YGW20, YK21, YW23, YLCB21, YWF21, ZK21, ZW22]. **Eigenvalues** [CEM21, EGJP21, GMSG22, Hu21, WYQ21, AFK⁺23, AJM21, AJM24, AFG⁺21, APNP⁺21, ABR21, Bar20, BFF⁺23b, BFF⁺23a, Bas21, BJ20b, BBC⁺22b, CPS20, CZ22c, CvDB23, CP23, Csi22, ĆD20, ĆD23b, DN21, DJ23, DH22, DH23, ET20, FM22b, FR21, Fra20, GPRT20, GHL⁺24, GS23a, HT23, HLX20, HXLL21, Jai21, KKSv21, KKP21, KK20b, KK22a, KK22, Kub22, LW21a, hLqJ21, LL21e, LL22, Mel23, Mis20, Moh22, MP21, Nic20, PSAPNV20, QLCM20, Row20, RS21b, RB22, Sic21, SSS21, SMM24, Ste22a, SD21b, SLL22, TFT20, TW22, Tur21, VS20, VTBC20, WWT20, WLL23, Wei22, WZT20, WWY23, XZ23, YOv21, Yan21, Yaz21, Zha21, ZZW22, Zha24a]. **eigenvector** [CTS23, VJ24, MPRS21, StW22]. **eigenvectors** [AdL21, AdLN23, CCP22, CA22, Coh20, EGJP21, ET20, Hu21, StW22, YOv21]. **eight** [GS21a]. **Eisenstein** [KB22, Kad23]. **elementary** [VZ20]. **Elements** [Coh20, APNP⁺21, BS21b, GLAdS23, Hom20, Pat20]. **elementwise** [TV21]. **elimination** [SG20]. **Elliptic** [CN23a, BMS21, CER⁺23]. **embedded** [ÁVKP20a]. **embedding** [BS20a, CGP21, CN24, GA22, Mlo22]. **embeddings** [DG20, UZ21]. **enclosing** [MAG21]. **enclosure** [Miy24]. **encoders** [Ner20]. **end** [VZ20]. **endomorphism** [AM23a, MMR20]. **endomorphisms** [DGL23a, Mur22]. **endpoint** [ZS22b].

energies [LLW21, MH20, MH21, SGGZ21]. **Energy** [AA21, Obo24, AGH20, AAAH22, AL23a, ABR21, AS24, BP20, CZG21, CDVPT22, GLHNW20, GMR22, JGZ21, Kni20, LLW20, LW20a, PGRU20, SK21b, SD21a, SD21d, TFT20, TLC20, UZ21]. **ensemble** [BBS23, Sch22]. **Entanglement** [AKL⁺21, BH24, CJMP22, LS21, QCCS21]. **entries** [AdL21, BR22, Bib22, LLW20, LLW21, Lub22, Lyu20, MR21a, StW22, ZC23]. **entropies** [Shi21a]. **Entropy** [BCF⁺20, CHHS20, FKMM21, Kak20, MKE⁺20]. **entry** [Alf20a, TJ21]. **Entrywise** [Rum22]. **Enumerating** [AR21]. **enveloping** [CZ20a, Yas23]. **EP** [Dra23, ZBCI21]. **EP-like** [Dra23]. **Epstein** [CZ22a]. **equal** [GJV20, Kha24, KP23b, NdLO21, WLL23, WLT22]. **equality** [BP21b, BP23b, SDS21]. **equation** [BS21b, CF24, Djo21, DL23, EJ23, GJ23, GvRR⁺23, Li24, Pra20, Ruž21, Sas21]. **equations** [ABCH23, BF21, BF24b, CLS23, GP21, GJ23, IB22, Lim22a, LH21, MPS24, MP20b, PS23b, QSS22, Rob20, RW22, Uch21]. **equiangular** [FS20, cRLY20, GIJM22]. **equienergetic** [PV21b]. **equilateral** [GL23]. **Equitable** [RFP22, AHZ22, LDW21]. **equitably** [Kad20]. **Equivalence** [AdF20, NPSE24, NPHT20, Oli21, FHMP21, FHMP22, GLT23, MPRS21, PR22b, Sch22, DD23b]. **equivalences** [MZ22]. **Equivalent** [BRL23, FPS22, Her20]. **erasure** [LM22b]. **Erdos** [Adr22]. **ergodic** [CR21, FOR22]. **Erratum** [KAPS20]. **Error** [CKTP20, MMV21, FQ20, Hal20, LHZ21, Pra20, TV21, VCR21, WW20, dHH23]. **errors** [Ais24]. **essential** [AHV20, WMCQ23, ZS22b, ĆD23b]. **estimates** [CWW24, CER⁺23]. **Estimating** [Hal20]. **estimation** [Ais24, HT22, MN24, SL20a, ZBdAF20]. **estimations** [KZ23]. **estimator** [GQZ20]. **estimators** [CKTP20, Skr21]. **Estrada** [ALMZ⁺20, BD21a, FYS⁺23]. **Euclidean** [Alf20a, BLS20, Est23, GS20a, Gow20, JLL20b, SL20a, Sos23]. **Euclidean/Log** [Min22]. **Euler** [JR24]. **evaluated** [BHBO21]. **EVD** [YOV21]. **even** [BBG21, Des24, Goe21, LY23, Uru22]. **eventown** [AC22]. **Eventual** [GH23, JWZ22]. **Every** [AdlC20, BS21a, Ban22, Est23, AT21, Sha22]. **evolution** [CGG⁺21, Pan21, SZ22b, WZ23b]. **Exact** [CZ20b, KST22, Li20a]. **exactly** [KAGH24, LWH21]. **exactness** [LV22b]. **examples** [BS20g, KUZ22, Sło20, Sło21a]. **exceed** [LWB20, Sta20b]. **Exceptional** [dSP22, dSP23b]. **exclusion** [BS23b]. **Existence** [LS24a, GLZ21, LBW23, Mar24]. **Expansion** [Han21, Dom20]. **expansions** [VCR21]. **expansive** [BS24b, MS21, Ran22]. **expectations** [EM23]. **Explicit** [ET20]. **exponent** [ZM21]. **Exponential** [KNiO23, Riz23]. **Exponential-type** [KNiO23]. **exponentiated** [CWW24]. **Expressing** [HLZ17, Hou20]. **expression** [IIM⁺21]. **Extended** [SLTW22, KNiO23, MP23b, RRF23]. **extendibility** [CDPR23]. **extension** [Ali20, BM23, HAD19, KK20a, Pik23, SD21c, ZvD23, ZG21]. **Extensions** [BS22, LF20, Li22, Mao20, BPS23, CNO23, GvRR⁺23, MDH23, XY20a]. **exterior** [Kor21, LL24a]. **extrema** [CRR20, LY23, WHM23, ZY24]. **Extremal** [ALMZ⁺20, JT24, MR21b, SC23, WCF21, WHL24, ZKLS20, APLN⁺23, ABR21, BS20g, CKLL20, CP23, DKL⁺22, Gol20, JGW24, KLLW21, KKP21, KS20b, LW21b, LJSZ23, LZ21b, MLZ24, TCC21, XHW23]. **Extremality** [SIW22]. **Extreme** [Yu20, BH24, CCK21a, Shi22]. **extremely** [HH23a]. **extremum** [CWYZ23]. **Faces** [CC22a, May21]. **factor**

[KCPMNS21, ZLLZ22]. **factorability** [DdR20]. **factorial** [RC23]. **Factoring** [Zha22]. **Factorisatio** [dC21]. **factorisations** [HLS21a]. **factorizable** [LR21]. **factorization** [ACLS20, BFMM23, GW24, GD20, JLX22, MPR24, NGK23]. **factorizations** [AKN23, BLS20, Chr24b, SDS21, Var21]. **factors** [CMP21, LLA23, ZL23c]. **Faddeev** [Bär21a]. **Faddeev-LeVerrier** [Bär21a]. **False** [Bas21]. **False-twin-free** [Bas21]. **Families** [ES20, ABH⁺23, ABR⁺22, Bou21, CGP22, VS21]. **family** [BF24b, FN23, GZ23, Oli21, QQM24, Shi22]. **Fan** [KLS24]. **Fast** [CHHS20, MC21a, MN24, Bol21, MB20]. **Faster** [OSC20]. **Faulkner** [AO22]. **feature** [Dax23]. **February** [Ano20-68, Ano20-67, Ano21-71, Ano21-69, Ano22-54, Ano22-51, Ano23-63, Ano23-71, Ano24-35, Ano24-32]. **Feedback** [Sch22, WES21, ZK21]. **feedbacks** [GS21b]. **Feller** [YZY24]. **few** [ABSV21, ABR21, Zha21]. **Fibonacci** [ACOM21]. **Fiedler** [AD24, Cia20b, SMA21, Sos23]. **Fiedler-type** [Sos23]. **field** [BHBO21, CGMP23, FG22, GvRR⁺23, HS23a, Hom20, HHS20b, MMR20, SZH22]. **fields** [Adr22, ADHM23, BDRS20, BFO23, BM23, BAPF23, CCH⁺21, CLNY22, DG22, Fid22, GIJM22, GJKM21, PW19, PW20, Pri22, Wer22, ZHSX20]. **filiform** [BBNS22, dMdSS23]. **filling** [Hom20]. **finder** [TV21]. **Finding** [Kov21]. **Fine** [AOCM21, NZ24]. **finitary** [FP22, Vit21]. **Finite** [CM23a, Adr22, BM23, BL23, BHKW22, CCH⁺21, CLZ22, CM23b, CV21, CLNY22, CA22, CER⁺23, Coh20, CR21, ĆD20, ĆD23b, DR20, DG22, FGPW24, FMS21, Fra20, FG22, GNP22, Got20, GIJM22, HS23a, Hom20, IIM⁺21, Ime23, KY21, LWW22, MA24, Mor20, NPR22, OQ22, O'L23, PPŻ21, PPŻ23, PSW23, dSP23a, PW19, PW20, Pri22, Rei23, Szc21].

Finite-dimensional [CM23a, ĆD20, ĆD23b, Ime23]. **finite-rank** [Got20, PPŻ21, PPŻ23]. **finitely** [CN20b, JL22]. **First** [Mis20, SMM24, AY23, YD21, ZLG20, Zha24a]. **Fischer** [BS23b]. **five** [Kub22]. **Fixed** [BR20a, Bas21, Bib22, BMM24, CT23, Cos24, DGL23a, DPR20, HXLL21, KGY23, LTYZ23, LTWW23, Lim22b, YK21, ZG22]. **Flag** [AGNPSE23, NPSE24, Pat20]. **Flattening** [CST21]. **Floquet** [Szc21]. **flow** [DJ22]. **flows** [KLS23]. **focal** [ŠH21b]. **Foguel** [GWW21]. **footprint** [ACM22]. **forbidden** [FY23, LW24]. **forbidding** [CLZ20, LY23]. **forcing** [KL21b]. **forest** [BEF20]. **forests** [CLZ20, CWYZ23]. **form** [ACM22, Arl20, BS20d, CFSIT20, GvRR21a, HLS21a, HVX23, IGW17, Li24, MP23b, Nay23, PK22, RMG24, SZ23a, Sta21, SZ20, Wan21, Wan23, BS20e, CLLK21]. **formal** [Zha23]. **formats** [Buc20]. **forms** [AC20b, Chr24b, Com21, Dew21, Ger20, GCOP24, HLYZ21, HLYZ23, KLLS22, May21, MZ22, PSRS20, RSS21, dICS21]. **formula** [BBG21, BS23b, CZ22b, CB21, CMM22, GS22, LV22a, RRF23]. **formulae** [MPS22]. **formulas** [CWW24, DN21, KS23c]. **formulation** [Min22]. **Fornasini** [BCR⁺23]. **Four** [GLNW24, AJNS24, BS20e, BFF⁺23b, GHL⁺24, HLS24, LLW21, LBW23, SSS21]. **four-point** [BS20e]. **Four-vertex** [GLNW24]. **Fourier** [HW21a, LDW21]. **fraction** [HMS21]. **Fractional** [GZ22, HXLL21, LLA23, Mon23, CCD⁺22, WZC23]. **Fragments** [Hom20]. **frame** [NS22]. **framed** [ABHR22]. **framelets** [AKPS19, KAPS20]. **Frames** [GIJM22, ANAS20, AP23, DO22, FS20, LL21d, LM22b, NS22]. **framework** [BF21]. **frameworks** [KNS20]. **Fréchet** [Sch23, Shi20a]. **Fredholm** [Djo21]. **free** [AM23a, BES21, Bas21, BHKW22, Csi22, Got20, LNP21, LLW23, LMX23, MT22,

MLH22, WCF21, WHL24, Wan24, Zak21, ZY24]. **free/** [MLH22]. **Frequency** [BW21]. **Frequency-** [BW21]. **Friedland** [CLwW22]. **Frobenius** [CKOS22, KZPH22, KPP21, Lin23, TXF24, XY20a, ZC23]. **Fucik** [Mar24]. **Full** [TW21, HH23a, LNP21]. **fully** [Tan23]. **function** [FKMM21, GvRR⁺23, IIM⁺21, KW20, Kli20a, KKS21, MQW20, Zhu21]. **functional** [Bay24, EMSV22, Rei23]. **functionals** [RRvW24]. **Functions** [BCR20, AS20b, AL21, AL23b, AV23, AdF20, Beh21, BO23, Car21, FSRVSST22, Guo22, GJKM21, JLM20a, JLM20b, Kad20, KS23b, Li20b, LLH20, LWW22, Mor20, Nag23, ST22, Sch23, Shi20a, Skr21, SC20b, Yaz21, Zak21]. **Functors** [Ago24]. **Fundamentals** [CCD⁺22]. **Further** [DYLL23, GPRT20, Nie24, SZ23b, ZT23, ZBCI21].

Gabidulin [BZZ22, Ner20]. **Gaddum** [CLM20]. **Gain** [CDD21, BBCD21, BBC⁺22a, HHD20, KKP21, Kha24, LW21c, LWH21, SK21b, XZWT20]. **Gain-line** [CDD21]. **Galerkin** [KHU23, Pra20]. **gap** [Ces20, CMS21]. **Gateaux** [Sin21]. **Gau** [CRSY22]. **Gauss** [BWW21]. **Gaussian** [BAPF23, SG20]. **GCD** [GR21]. **general** [BP23a, CEM21, DYB20, DW21, HCZ20, HBHZ24, JST21, PQ22, PV21a, TL21, AS20a, Pre20]. **Generalization** [AOZ23, KP21, CKOS23, De 20, MG21, SMA21, ZW21]. **generalizations** [BD21a, Fid22, HVX23, ZJCA20]. **Generalized** [BCR20, DF20b, GQZ20, Ham23, LWYL20, MQW20, PPZ21, QJMW23, QQM24, Ste22a, ADHS23, AKVS23, AHV20, ABG20, AO22, APLN⁺23, BGA22, BDK21, BHBO21, BL22, Beh21, Bur21, CWW24, CV21, DG20, DLL23, FB21, Gor24, GZ20c, Har22, HMPT20, IIM⁺21, JGW24, JLM20a, JLM20b, KNiO23, KMP23, KLR22, LL21c, MMP21, Ner20, NN24, PGRU20, Pra20, QWW21, Roy24,

SMA20, SS21c, YW22, TT21]. **generalizing** [Cia20b, LWZL23, LL24b]. **generated** [BDHS23a, Kol21, LW21a, XTLK23]. **Generating** [BS21b, BS20d, Yaz21]. **Generation** [EV20, GNP22]. **generators** [CFKO21, dBS20]. **generic** [BBS20, Com21, KK20a]. **genetic** [Pan21]. **genus** [BDV21]. **Geodesic** [DF22]. **Geometric** [Got20, LS24b, CMM20, DY23b, EHS22, FH23, FJ24, GLT21, HS23b, LMW21, RRvW24, SKS22, TJ21]. **Geometries** [CIM22, Adr22, SZ21, SZ22a]. **Geometry** [Win21, AG24, BPZ21, CCH⁺21, FK21, GIJM22, MS22, NXS23, LR23]. **Gerstenhaber** [dSP20b]. **girth** [AIK⁺24, DY24, HLX20, HXLL21, Kha24, WLT22, ZWT21]. **given** [AMR20, AIK⁺24, BP20, CZG21, EG20, FY23, FW22, HLX20, HLN24, HLS21b, HLS22, JLW22, LJSZ23, LZ20, LLX23, LW24, MLH22, Ros22, SWW21, XBSF23, YBW24]. **global** [CZ20a, MORŠ21]. **globally** [WW20]. **Godsil** [BBCD21, QJW20]. **going** [MZZ24]. **Gordon** [FGPW24]. **Gorenstein** [Alt22, MRT20]. **gr** [FK23]. **gr**-**PI** [FK23]. **Graded** [CDdM22, DRG24, FGDY20, FKM22, Fid22, Gor24, BCS24, CdSV22, DdR20, GLNW24, GFD21, dAGK21, Iop20, IdSSV21, RT21, Yas23]. **gradient** [DAG21, FGM21]. **grading** [CdSV22, FGGG24, FKM22]. **Gradings** [AOCM20, GLAdS23, AOCM21, BDvW24, CDdM22, DGET21, DP21, Eld22, FGGG24, GdM23, Gor24]. **grafting** [LC20, XW21]. **Gram** [CLRT22, KK22b, May21]. **graph** [AAF23, AFSS20, AAFT22, AD24, AA21, ACDG21, BBG21, Bol21, CLS20, CPS20, CLM20, CG22, CvDB23, CLL20, CLT22, CMP21, Csi22, DJ23, DAG21, ET20, FHLS22, FM22b, Fio20, GH24, GK21, GZZ21, HHD20, HLN24, IIM⁺21, KKS21, KIS21, KK22c, KK24, KS22c, LZ21a, LW20a, LMG20, LOS23, LW21c, LW21d, Mar21, MLZ24, MS20b, MH20, MH21,

MP23b, MPRS21, PŠ23a, QJMW23, SK21b, SS21c, Sta23b, SD21a, SD21d, TW22, WWT20, WWJ20, WFGT20, WG20a, WG20b, WYQ21, WZW⁺21, WWG22, Wan23, WFL20, WZFW23, XWT20, XLS20, YWF21, ZXZW23, Zhu21].

graph-regularized [DAG21].

graph-theoretic [Mar21]. **graph-vectors** [QJMW23]. **Graphical** [Gol20, NS21].

graphons [Mis22]. **Graphs**

[ABSV21, ABR21, CL22, CT23, LWB20, WQP23, Zha21, ZL22, ZW22, AHZ22, AAHV22, AFK⁺23, ADHS23, AJM21, AJM24, AAF⁺21, ASS21, AFSS20, AIK⁺24, AGH20, AFG⁺21, AAAH22, AL23a, AdL21, AdLN23, AT20, Alf20b, ABG20, ALMZ⁺20, ABR⁺22, ARS24, ADvdH21, AHLvdH21, ADvdH23, ADH⁺24, ASG22, BP21a, BV24, BHHP21, BEHK22, BFF⁺23b, BFF⁺23a, BES21, Bas21, BAPF23, BL22, BL23, BC21, BBCD21, BBC⁺22a, BP20, BDVR21, BS23b, CZG21, CW22, CCPKP20, CGP22, CDD21, CK23a, Ces20, CFK⁺20, CCD⁺22, CDS21, CLZ20, CH21, CWZ22, CLM22, CHHS20, CN24, Cia20b, CP21, CDG21, CDG22a, DF20a, DDFM⁺21, DS22, DKL⁺22, DPR20, DGS⁺21a, Du23, DdF23, DYLL23, DH23, DY24, Ere21, EG20, EHS22, Est20, FCLP22, FY23, FLRS20, FW22, FM20a, FS23, Gan23, GPRT20, GR22, Ger20, GLHNW20, GK22b, GM20, GL20b]. **graphs** [Goe21, GKLZ20, GKK⁺20, GLZ21, GLMM23, HO20, HT23, HSS⁺21, Han21, HLX20, HXLL21, HP22, HBHZ22, HWD23, HBHZ24, HLS21b, HLS22, HD22, Hua22, IKPR20, IMT20, JMP21a, JGW24, JZZ24, Kad20, KB22, Kad23, Kak20, Kha24, KGY23, KAGH24, KS23c, KMNP20, Kub22, Kub23, KLR22, LW21a, Lee20, LOŠ22, LW20b, LLW20, LC20, LLH20, LLW21, LQL21, LQ21, LTYZ23, LY23, LJSZ23, LOS20, LOŠ21a, LG21a, LLW23, LWYL20, LDSS20, LHH22, LMX23, LLX23, LW24, LZ21b, LLA23, LWH21, LLL22,

LDW21, MA24, MMN22, VJ24, MLH22, Mfo22, MR21b, Nic24, NdLO21, O.21, OJQ20, Obo22, Obo24, OPSS22, OdFVM21, PPŽ21, PPŽ23, PGRU20, PK21, PV21b, QLCM20, QJW20, QWW21, QJMW23, QQM24, RFP22, Rei23, RRvW24, RDFM23, Row20, RS21b, SMA21, SS21b, Sic21, Sim21, SZ21, SZSMB20, SSS21, Sta20b, SD20, SD21b, SLL22, SC23, Tan23, TTV23].

graphs [TLC20, TWW20, TCC21, TW21, TT24, Tur21, UZ21, VTBC20, WH20, WCF21, WHM23, WLL23, WZC23, WHL24, Wan24, WLT22, WFY24, XZWT20, YK21, YW23, YLZH21, YD21, Zak21, ZXL20, ZWF20, ZY24, Zha22, ZG22, ZWW23, Zha24a, ZHG21, ZHW21, ZL23b, ZWL20b, ZWL20a, ZBWL20, ZWT21, ZvD21, ZL23c, dLMO20, JLW22]. **graphs/networks** [Est20]. **Grassmann** [ADHS23, FGCG24, GFD21, dAGK21, Lee20, LIW20, PPŽ21].

Grassmannian [HPSZ21]. **Grassmannians** [Pan20]. **greater** [LLL22, NdLO21]. **greedy** [KHU23, LG21b]. **Green** [GJKM21]. **grid** [DL22]. **Grothendieck** [Chr24a]. **group** [ASG22, BMR23, BBCD21, BR24, BS21b, CEJM21, CDD21, Ces20, Cob22b, Coh20, DHR20, Eld22, EV20, Gor24, KLS21, LW21a, LWW22, Oli21, PR22b, SS24a, Sto21b].

groups [BSS23, BCNS22, BFO23, BL22, BL23, BDHS23a, CK23a, CXZ22, DF20a, DZCY22, DdR20, DLL23, Dra22, FKK21a, GG21, GLZ20, HWK21, JLL20a, KB22, Pan23, Pre20, RT21, SZ22b]. **Grover** [IMT20, Kub22, KS22c, SMA20]. **Growth** [Bui21, BCS24, GQZ20, IdSSV21, Riz23, Ros22]. **Guarantees** [MB20, HJBKR24].

H [CWBB23]. **H-shape** [CWBB23].

Haagerup [Ali20, HAD19]. **Hackbusch** [Buc20]. **Hadamard**

[FJS21, AAF⁺21, BBCK24, BS23b, CFK⁺20, DD23a, FJS17, HW21a, HY20, HK20, Le22, LH20, LS20c, MSX22, RW21b, Tei22].

Hadamard-type [Le22]. **Haemers**

[ACG⁺21, De 20]. **Hafnian** [KKT22]. **Hahn** [FG23b, Lee20]. **Half** [He20]. **Halin** [CLM22]. **Halmos** [XY20b]. **halves** [SS23c, YY23, YZY24, ZZJ23]. **Hamburger** [FKKM22]. **Hamilton** [AS23, Mur22, SSvW20, ZWL20b, ZWL20a]. **Hamilton-connected** [ZWL20b, ZWL20a]. **Hamiltonian** [Ayd23, FCLP22, FGPW24, GS21b, LWYL20, MMW21, SS21a, ŠH21b, ZS22b, dICP20]. **Hamiltonians** [Lim22b]. **Hamiltonicity** [FKK21a, ZBWL20]. **Hamming** [BMPS23]. **hand** [Hal20]. **Hankel** [Bou21, Dom20, DG22, FGM21, GW22, KPP21, SS20]. **Harary** [CC22b]. **hard** [DL22]. **Harmonic** [FS20]. **Harmonious** [XY20b]. **Harnack** [JL20, YZ20]. **Harpe** [Ali20, HAD19]. **Hartfiel** [Mao20]. **Hausdorff** [FKM20]. **having** [CDG22a, GZZ21, LNN⁺20, TW21]. **Hecke** [Wie22]. **Heisenberg** [FKM22]. **Hellinger** [DF20b]. **helm** [Goe21]. **hereditary** [Yan22]. **Hermite** [CLLK21]. **Hermitian** [BN23, BLMT21, BR22, BDI20, CN22, FM20b, GM23, GM20, GL22b, IB22, Kli20a, LR23, MSZ21, MRV20, Moh20, Sta21, SZ20, ZFZ20]. **Hermitians** [DM24]. **Heron** [MS24]. **Hessenberg** [BFMM23, CCGV⁺20, Lee22]. **Hessian** [Yaz21]. **hierarchical** [IB22]. **High** [ZBdAF20, BBS23, XJLL23]. **High-order** [ZBdAF20, XJLL23]. **Higher** [Kak20, RMG24, BdPS21, HX24, HLYZ21, PW21, SH20, Sch23]. **higher-order** [Sch23]. **Higher-rank** [Kak20, BdPS21]. **Hilbert** [ANAS20, BM22, DP23, FG23a, Fra22, MPR24, Min22, OM20, Pan20, XY20b, ZW21, Zam23, hB21]. **Hilbertian** [BKPS23, MXZ20]. **Hilton** [WXY24]. **hitting** [LV22a]. **Hoffman** [Hae21]. **holds** [Roc20]. **Homogeneous** [Lim22a, BGOO21, DG20, DR20, FGGG24, HCZ20]. **homomorphic** [Tsa23]. **homotopy** [KW20, NS22]. **Hong** [Sta21]. **Horadam** [ACOM21]. **horizontal** [MG21]. **Horn** [BJ20b, SZ22a, ZX20]. **Householder** [CP20]. **HS** [KB22, Kad23]. **HS-integral** [KB22, Kad23]. **Hubs** [Est20]. **Hubs-repelling** [Est20]. **hulls** [CK21, Cos22, JLL20a, KS20a]. **Hurwitz** [AOCM21, BBCK24]. **hybrid** [HH23a]. **hyper** [AL21, CR23]. **hyper-positive** [AL21]. **hyper-ranges** [CR23]. **hyperbolic** [AG24, BG20, SS24b]. **Hyperbolicity** [GL22a]. **hypercontractivity** [JKX20]. **hyperdeterminant** [AY23]. **hypergeometric** [BSS23, VS21]. **Hypergraph** [GFW24, CB21, CvDB23, CTS23, CZ20b, SWW22, WSW20, WS22, YYS⁺21, Zhe20, Zhe21]. **hypergraphs** [AMZ21, Ban21, BP23a, CHT20, CDVPT22, CC22b, Co020, DW21, FYS⁺23, GRR22, HCZ20, KLLW21, LL21c, LYZ23, MV24, SSP22, SB20, SWW21, XW21, XHW23, ZLG20, ZZ21, ZKLS20]. **hypermatrices** [GF20]. **hyperovals** [DG20]. **hyperplane** [HMS21]. **hyperstars** [DvDW23]. **hypersurface** [ÁVKP20b, BR21]. **hypersurfaces** [DFH⁺20]. **hypertriangles** [DvDW23]. **Hypoenergetic** [ADGKM21]. **hyponormality** [BCE21]. **HZ** [Har22]. **ideal** [PSW23]. **idealization** [FP22]. **Ideals** [VMB22, AT20, Alf20b, ABSV21, Bot21, CDG22b, DJ22, JLM20a, JLM20b, KLR22, LNN⁺20, LP21, Mañ22, Wer22]. **Idempotent** [BDSS21, BM20, Bri22, HL20, SZ22b, TXF24, WZ23b, XTLK23]. **Idempotents** [EAHS21, BR24]. **identifiability** [AC20b]. **Identifying** [HW21a, Mañ22]. **Identities** [CdSV22, LP22, BC23, CDdM22, DdR20, DGdSS23, DRG24, FKM22, Fid22, GFD21, dAGK21, Nar23, Uru22, dMdSS23]. **identity** [SSvW20]. **Ihara** [IIM⁺21, SC20b]. **IHS** [OPA23]. **II** [AS20a, CG20, Cra21, KS23b, KP22, LL24b, SS22, Sim21, SMM24, Wój22a]. **III** [dSP20b]. **ILAS** [AHKT21]. **image**

[WZL21]. **Images** [Vit21, BHBO21, CLW22, dMdSS23].

Immanent [BS24a]. **immanants** [DGS21b].

imperfect [Los21b, Sar21]. **Improved** [AL23a, Bhu24, FQ20]. **improvements** [KZ23]. **impulsive** [SLTW22].

in-betweenness [DF20b, DF22].

In-evolution [Pan21]. **Incidence** [GRR22, CCKM22, DHR20, FP22, GK22a].

inclusion [BS23b, Cos24, YLCB21].

inclusion-exclusion [BS23b]. **indefinite** [Boj21, BKS⁺21, Kov20, Ran22].

independence [ABC⁺22, CDG21, Fio20, HH23b, HLN24, Nic24]. **Independent** [Pat20, GLP21]. **Index** [LH21, AA21, BL23, CT23, CHY20, CMR20, DY24, FYS⁺23, GMR22, HD22, JKS23, JLW22, KL21c, LTYZ23, LMX23, ŠH21a, Šte22b, SSvW20, TCC21, ZL22]. **indices** [ADMZ21, ALMZ⁺20, BPZ21, FLRS20, LW21b, WFL20]. **induce** [Kub23]. **induced** [GLAdS23, GOUY23, Gow20, ST20, Sra21, Yam21]. **inducibility** [MDH23].

Inequalities [JLM20a, JLM20b, ANBK22, Ala21, AHK23, BDK21, BDN24, BS22, BP21b, BP23b, BL20, CZ22a, CLM20, Chr24a, ES20, FH23, FLT20, GAM20, Gow20, HW20, HVX23, Ime23, JLL20b, Le22, LS20a, Li20a, LH20, Li22, MPS22, MJ24, MKE⁺20, MXZ20, PLT23, RT23, SKS22, SZ23b, YZ20, dVLG23].

inequality [Ali20, BMS20, BS23b, CKOS23, DA23, De 20, Dru24, GOZ21, GAMA20, HAD19, JL20, KMP23, LF20, LS20c, Mao20, Naj20, PPW20, QCCS21, RW21b, Sos23, ZJCA20].

inertia [DY24, WFL20]. **Inertias** [BCOvdD23]. **inexact** [WCS20]. **infinite** [Bez22, CG20, Fid22, GJ23, HLZ17, Hou20, Men22, Rob20]. **infinite-dimensional** [CG20]. **infinity** [WES21]. **Information** [MS22, BS20b, FT23]. **Inheritance** [CF24].

injective [LCH23]. **Injectivity** [GRR22].

inner [BKR⁺20, BNS22, BDV21, CS20, Fek20, Ran22]. **inspired** [BS20e]. **Integer** [AJM21, HLS21a, AJM24, Ans21, KS20b, Kop20, NPkT21, PV22, Sim20, VS20].

integers [CLS23]. **Integrability** [DGKP24].

Integral [BDVR21, Ger20, GKLZ20, PV21b, Sch23, WH20, ÁVKP20b, ABR⁺22, BL23, KB22, Kad23, MZ22, NdLO21, OPPS22, Sha22, dLMO20]. **integrality** [WFY24].

integration [NS21]. **interlacing** [CZ22c, LZ21a]. **interpolation** [Bol22, GS20a]. **interpretation** [PV21a].

intersecting [DKL⁺22, Des24, HLS24, MLZ24, WXY24, ZHG21]. **intersection** [BMR23, BFPS21, CVV21]. **Interval** [CK21, Rub21, AG21, Bib22, MP20b, MP24, NN24, Obo24, SL20a]. **Intervals** [CS21].

Introducing [ZS22a]. **invariance** [GH23].

Invariant [Lim21, ANBK22, AG15, AG20, Che22, CKLL20, CMP21, DLL20, GG21, GGGD23, KK20a, KLLS22, LR23, NNSS20, RMP21, TP23, WW20]. **Invariants** [GCOP24, ÁVKP20b, CL20, CN23a, Elm23, KY21, NPHT20, Oli21].

Inverse [CN22, DMS20, GK20, PSAPNV20, YGW20, AAMR20, APLN⁺23, BBG21, Beh21, Bol21, CEJM21, CS21, CCK21b, CN21a, CESS21, FHLS22, FG23a, GR22, HLW23, JCD24, LOŠ21a, LOŠ23, MvWC23, RX21, SM23, SS21c, WCS20, dAdCG⁺21]. **inverses** [Dra23, GZ20a, KLS21, MR21a].

Inversion [AHV20, PŠ23a, RS21a]. **invertibility** [BR24, Cos20b, Sch24]. **invertible** [FM22a, Loe21, dSP23b].

Involution [BDHS23a, BCS24, CdSV22, DRG24, HS20, Iop20, IdSSV21, PS20, Uru22]. **involutions** [AdlC20, BDHS23a, EV20, FGDY20, FP22, HLZ17, Hou20, HHS20b, RAK21, Sto21b].

Involutive [BW22]. **involutory** [CCK21b].

involving [AHK23, ACOM21, LLA23, ZWW23].

irreducibility [MG21]. **Irreducible** [CCU21, Wie22, Dra22, Hu21, Miy24, YLZH21, GHL⁺24]. **irregularity** [LYZ23].

isolated [AHV20]. **Isometric**

[CFSiT20, AV23, JJS20a]. **isometries** [BCG24, BG20, BKS15, BKSP23, CR23, CAEH⁺22, GS21a, GL22b, IKLP20, IOT21, MS21, SMP24, Sán21]. **isometry** [BL20, Sat21]. **Isomorphism** [WZ23b, KK22b]. **isomorphisms** [CMM20, EE23, FP22]. **isospectral** [KSSW20, PV21b]. **Isospectrality** [PW21, vdMvSW24]. **isotropic** [Car21]. **issue** [GLT23, AHKT21]. **iteration** [KLS23, Rob20]. **iterations** [BKRS20, WW22]. **Iterative** [HH23a, ABCH23, DL22]. **iteratively** [CW21].

Jacobi [AM21, APLN⁺23, CN22, IB22, SS20, VS20, XBSF23, YOV21, ZW20]. **Jacobsthal** [ACOM21]. **James** [AGK⁺21]. **Janeiro** [AHKT21]. **January** [Ano20-69, Ano20-56, Ano21-68, Ano21-70, Ano22-67, Ano22-68, Ano23-60, Ano24-36, Ano24-27, Ano23-70]. **JB** [CWW24, CAEH⁺22]. **JB-algebras** [CWW24]. **Jensen** [Sra21]. **Jiang** [WW20]. **Johnson** [ADHS23, AHM20, MB20]. **join** [AFK⁺23, CGP22, SMA21]. **joining** [AS24]. **Joins** [SB20, ĐMM⁺22, LOS22]. **Joint** [Pik23, Bui22, CMS21]. **jointly** [BO23]. **Jordan** [AM21, AMO24, AHV20, Alt22, AO22, BĐK⁺24, CCU21, CLNY22, DGdSS23, FP20, GS20a, Gow20, JJL20b, JJS20b, KT21, KS20a, Li24, PK22, RMG24, Sán21, Sos23]. **Jordan*** [CMM20]. **Jordan*-isomorphisms** [CMM20]. **Jordan-Kronecker** [KT21]. **July** [Ano20-58, Ano20-53, Ano21-63, Ano21-59, Ano22-59, Ano22-64, Ano23-54, Ano23-55, AHKT21]. **June** [Ano20-59, Ano20-51, Ano21-51, Ano21-58, Ano22-65, Ano22-61, Ano23-51, Ano23-56, Ano24-28, Ano24-29]. **just** [Row20].

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

labeling [LL21c]. **labelling** [SWW22]. **Lagrange** [Bur21]. **Lagrangian** [SS21a]. **Laguerre** [MPR22]. **Laman** [BC21]. **Lanczos** [CT24, GP21]. **Lanczos-like** [GP21]. **Landau** [CLNY22]. **Laplacian** [AMZ21, AJM21, AJM24, ASS21, AAFT22, AvDF20, AADT23, AdL21, AWvW24, BR23a, BEHK22, BCE⁺23, Bol21, CLS20, CPS20, CLZ20, CWZ22, CK23b, Coo21, DDFM⁺21, ET20, Est20, FCLP22, GM22, GPRT20, GH24, GZZ21, GMSG22, HLW23, HLS21b, JT24, KKP21, LWB20, LLW21, LQL21, LHH22, MK23, MT21b, MZZ24, Nic20, Obo22, PK21, SSP22, SSS21, Sta20a, Sta23a, SD21b, SC23, TWW20, TW21, VTBC20, WYF⁺20, WZW⁺21, WMCQ23, XW21, XY20c, XZ23, XLYS20, ZXL20, ZG22, ZHG21, ZWL20b, ZWL20a]. **Laplacian-type** [LLW21]. **Laplacians** [Dev22, KLR22, LLWW23]. **large** [AvDF20, BFLT23, BW21, BF24b, CHHS20, cRLY20, MSX22, ZT23, ZWL20a]. **large-scale** [BW21, BF24b, CHHS20]. **larger** [dLMO20]. **largest** [ABG20, Csi22, LWB20, WWT20, WQP23, XLS20, YK21, YW23, YWF21]. **lattice**

[ACDG21, KS22a, PGST23, Pol20, Ram23]. **lattice-subspaces** [Pol20]. **lattice-theoretical** [KS22a]. **lattices** [FK21, GGD23]. **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, Što21a, 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, Ano24z, Ano24-30]. **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, 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, CP22]. **matrices** [CK23b, CKM20, Cos20a, Cos21, Cos22, CGMP23, CdSV22, CS20, CCL21, DGS20, DGS23, DGKP24, DY23a, Dew21, DJ23, DRG24, DMQD20, DGS21b, DF20c, DF22, DG22, EGJP21, EJS24, ES23, EHS22, EGV20, FCLP22, FR21, Fik20, FP21, FFSW23, FLT20, FG20, FG22, GS21a, GZ23, GA21, GHL⁺24, GR21, GW22, Gau24, Gil20, GS21b, GK20, GM20, Goe21, GT21, GvRR21a, GvRR⁺21b, GD20, GPR20, GMSG22, GZ20b, GP20, GS23b, HP23a, HW21a, HS23a, HS23b, HS22, HLZ17, Hou20, Hu21, HH23b, HL20, JLX22, JZZ24, JR24, KS23a, KT21, KKP21, KK20b, KK22a, KŠ22b, Kli20a, Kli20b, KPP21, Kol21, KFS21, KN20, Kus23, LR23, LV22b, Le22, LS23, LOŠ22, LLW20, LF20, LH20, LLW21, LW21b, LTWW23, Lim21, Lim22a, LZZ23, Loe21, Loe23, Los21b, Lub22, LMR21, Lyu20, MPR22, MPR24]. **matrices** [MA22, Mao20, MJ24, MMV21, MMV22, MRZ22, MR21a, MSZ21, MORŠ21, MS20a, MT21b, MC21a, MN24, MRV20, Men22, Mig21, Mil24, MT23, Moh22, Moh20, MSX22, MSZ23, MP24, Nar23, NS21, Ner20, NXS23, NV23b, OQ22, OW23, ORŠ23, OP21, PSW23, PŠ23a, dSP22, dSP23b, PQ22, PSAPNV20, PW21, PW19, PW20, Pri22, Ran22, RRvW24, RS21a, RKBA21, RSS21, RX21, Rub21, Rub22, SS21a, ST22, ŠH21a,

Sha22, SM23, SS21c, Shi21c, Shi22, Sim20, SMM24, Sra21, SS20, SSvW20, Tan23, Tei22, TP23, Tom23, TBH20, VS20, Var21, VMB22, Vit21, VB20, Wan21, WW22, Wei22, Xie21, YZ20, Yan21, Yaz21, ZS22a, ZM21, ZZ20, ZW20, ZFZ20, ZC23, ZBCI21, dC21, dHH23, dICP20, dICS21, 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, BGA22, Bai24, BBG21, BS20e, BJP21, BR20a, Bar20, BR20b, BN23, BT20a, BFMS21, BDN24, BBS20, BS23a, BĐK⁺24, BFPS21, BM22, BŠ23c, CP20, Car21, CZ22b, CK23a, CLW22, CAJ21, CLS23, CN21b, CMP21, CP23, CESS21, Chr24b, Cob22b, CER⁺23, CMM22, Cos20b, DB23, DID22, DMS20, DZCY22, DdR20, DLL20, DP21, Djo23, DS24, DAG21, DL23, DN20, DN23, Dra22, DGS⁺21a, DM24, EJ23, Elm23, Est23, FM22a, FMR20, FISW21, FGDY20, FM20b, FKKM22, FG20, FG23b, FJ24, FKK⁺21b, GA22, GM22, GTW23, GW24, GKS21, GK21, GZ20a, GRR22, GvRR⁺23, GMP22, Han21, HW20].

matrix [HLS21a, JJJ20a, KL23, 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]. **maxmin** [MPS24]. **maxmin-** [MPS24]. **May** [Ano20-62, Ano20-61, Ano21-50, Ano21-52, Ano22-52, Ano22-53, Ano23-65, Ano23-66, Ano24-31, Ano24-34]. **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** [A EGL21]. **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, KL24, LLX23, LLA23, MAG21, MMN22, ZWW23, ZWL20a]. **miniversal** [FKK⁺21b]. **Minkowski** [LF20, ZJCA20]. **minor** [ADH⁺24, LLW23, WCF21, ZL22]. **minors** [BDNO20, FMR20]. **Mirsky** [HR20]. **Mixed** [AGNN20, LLL22, ABR⁺22, Ans21, BL23, BBCD21, GL21, HBHZ22, KB22, Kad23, KSY21, WFL20, XBSF23, YGW20, YWF21, ZW20]. **mixed-unitary** [GL21]. **Möbius** [Kli20a]. **Model** [XJLL23, 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-**[HWD23]. **multi-angle** [DO22]. **multi-dimensional** [AKPS19, KAPS20]. **Multidimensional** [CW20, Bay24, LT24]. **multigrid** [BDFF23]. **multilevel** [HT22]. **multilinear** [BFMS21, FPR20, HLYZ23, PSRS20, Skr20, Vit21]. **multiparameter** [VD22]. **multipartite** [SD21a, SD21d, TLC20]. **Multiple** [VZ20, CV21, CI21, Hal20, LPS23, LF20, Mao20]. **multiplication** [HS20]. **Multiplicative** [CI21, OQ22]. **multiplicities** [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]. **multisttructures** [Pat20]. **multivalued** [ACMM24]. **multivariable** [CLY22]. **multivariate** [AS23, CI21, Cob22b, CFR23, KN20, MP22, PV21a, Zha23]. **multiwavelets** [PM23]. **Murdock** [Fik20, FP21]. **Murray** [HKS23]. **mutual** [AGK⁺21]. **mutually** [FG22]. **N** [KIS21]. **N-tessellable** [KIS21]. **Narayana** [YY21]. **Natural** [Sar21, FG24]. **near** [MSX22]. **near-Hadamard** [MSX22]. **Nearest** [AGV20, DB23, LHK20, SK21a, Yu20]. **Nearly** [CGP21, FRS21, FK21]. **necessary** [BCR⁺23, Kub23]. **negative** [Bas21, 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, FGGG24, GZ23, GNP22, GK21, GM20, GZ22, GLZ21, JS22, KKSv21, KKS21, Lee20, LG21a, LMX23, MZZ24, Pan23, PR22a, Phu24, PV21b, SK21a, SS22, TL21]. **Non-abelian** [MDH23, BL23]. **non-associative** [Bri22]. **non-backtracking** [GK21, KKS21, MZZ24]. **non-bipartite** [GLZ21, LG21a, LMX23]. **non-commutative** [PR22a, SS22]. **non-cospectral** [GZ22]. **non-cyclic** [CL21]. **non-degenerate** [CDdM22, GNP22]. **Non-group** [Eld22]. **non-Hermitian** [GM20]. **non-homogeneous** [FGGG24]. **non-invertible** [FM22a]. **non-isospectral** [PV21b]. **Non-minimum** [BZZ22]. **non-negativity** [GZ23, JS22]. **non-orthogonal** [TL21]. **non-prime** [SK21a]. **Non-singular** [LS20b]. **non-smooth** [BS21a]. **non-symmetric** [BGS22, Lee20]. **non-trivial** [CdSV22]. **non-uniform** [Phu24]. **Non-unital** [JN22]. **non-unitary** [AFS⁺23]. **non-zero** [KKSv21, Pan23]. **nonassociative** [KUZ22]. **nonbipartite** [BP21a]. **noncommutative** [Pre20]. **Nonconcavity** [AC20a]. **noncontrollable** [QQM24]. **Nondegenerate** [KLLS22, CFSiT20]. **Nonderogatory** [BM20]. **nonhypoenergetic** [ADGKM21]. **noninteger** [BBCK24]. **Nonlinear** [Cos20b, DMQD20, Lin23, Mar24, Tom23]. **Nonnegative** [JJS20b, AOA23, AAMR20, Arl20, Bui22, BŠ23c, CCU21, CP22, CMM22, DYB20, GR21, HH23b, JCD24, KZPH22, Kol21, LH20, Loe23, Miy24, NGK23, RX21, SM23, vRvSTT21]. **Nonsingular** [SZSMB20, BJP21, Est23]. **nonsingularity** [Che21]. **nonstandard** [RAK21]. **nonsymmetric** [Gal21]. **Nontrivial** [HPSZ21]. **nonzero** [CV21, WWY23]. **Nordhaus** [CLM20]. **Norm** [AHK23, CLY22, FLT20, ANBK22, BM22, Bud24, CDPR23, CKOS22, CER⁺23, DM24, FH23, GMR21, GS21b, JLM20a, JLM20b, KPP21, KLSP24, LWW22, Mis22, MSZ23, NNSS20, Roy24, SZ23b, Sin21, ZXZW23]. **norm-one** [CDPR23]. **Normal** [BS20e, CLLK21, DHR20, RW22, DY23a, IGW17, Kad23, Kov21, KFS21, LPS23, LL21c, MP23b, SZ23a, Wan21, Wan23, dLCS21]. **normality** [Du23]. **normalized** [AMZ21, JT24, SD21b, SC23, TWW20, TW21]. **normalizer** [BK22]. **normed** [IOT21, KNS20, Wój22a]. **norms** [BDSS21, BLR21, CI21, DLL20, FISW21, GG21, LR23, PSRS20, WW22, ZS22a]. **Note** [Ano21-49, Ano24-38, Bib22, Csi22, YLZH21, CMP21, DLL20, FS23, FM20b, HR20, Han22, MK23, MP23a, Ran22, SZ23a, SLL22, ZZW22, dHH23, Ano24-37]. **Notes** [BS20a]. **November** [Ano20-71, Ano20-57, Ano21-54, Ano21-56, Ano22-58, Ano22-72, Ano23-68, Ano23-64]. **NP** [Shi21b]. **NP-complete** [Shi21b]. **Null** [JMP21a, Wer22, HMPT20, dMdSS23]. **null-filiform** [dMdSS23]. **Nullities** [EGV20, OdFVM21]. **nullity** [ADvdH21, AHLvdH21, ADvdH23, CL22, CLL20, CLT22, LW21d, WG20a, ZWT21]. **nullspace** [ACG⁺21]. **Nullstellensatz** [GSV24]. **number** [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, Van24, 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, PK23b, 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, EMSV22, Fra22, JN22, JLM20a, JLM20b, KZ24, LS20a, MA24, MS22, MS24, Nie24, PV21a, SS23a, Shi20a, SZ20]. **Operators** [AGK⁺21, BKR⁺20, ČD20, ČD23b, 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, PpZ21, Pan22, PPZ23, 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, 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**

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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, LPS20, NV23b, PQ22, Rub21, Var21, AV23]. **Rationality** [BNS22]. **ratios** [Nic20]. **Rayleigh** [PS22]. **rays** [Yu20]. **reachability** [Sch22]. **Real** [GW24, Moh22, RT21, Wei22, AMO24, AL21, AdlC20, Bib22, BS24b, DJ23, EL20, HVX23, IKLP20, Kol21, LNN⁺20]. **realising** [KŠ22b]. **Reality** [Bla20]. **Reality-based** [Bla20]. **realizability** [JJS20b, JS20, JMPS21]. **realizable** [AMS21, MM21]. **realization** [AL23b, FM22a, Rub21]. **realizations** [AV23]. **reciprocal** [BP21a, FJ24, MT21b]. **reciprocity** [KNiO23]. **Reconstruction** [ZW20, 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, 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]. **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]. **Reversibility** [GL22b]. **Reversible** [BG20]. **revisited** [CCO23, GH23, LIW20, Van24]. **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** [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, 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]. **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, dlCS21, Eld22, IIM⁺21, KLLS22, MRZ22]. **simplex** [PSZ21]. **simplices** [FS20, Dev22]. **simplicial** [KMZ20, Kni20, KL21c]. **Simplifying** [Zhe20]. **simultaneous** [Ost23, RZ24, Her20]. **Single** [LY20, CLY22, HH23a]. **Single-pass** [LY20]. **Singular** [Djo21, CV21, CJ20, CAJ21, CK23b, Cos21, DN23, FISW21, Fra22, KL23, KK22b, KP22, KN20, LS20b, LHK20, LH21, Loe21, MQW20, Nay23, Van24, 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, dlCP20]. **skew-adjacency** [Du23]. **skew-eigenvalues** [TFT20]. **skew-Hamiltonian** [SS21a, dlCP20]. **skew-Hermitian** [LR23]. **skew-involution** [PS20]. **skew-symmetric** [Com21, DGS21b, EGV20, GS21a, KT21, Pri22, Uru22]. **SKT** [BF24a]. **slice** [AdF20, AY23, GSV24]. **small** [AMO24, Alt22, BMR23, HW21b, PSRS20]. **smallest** [Csi22, 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, WvdVvdH24]. **solvability** [MP20b]. **solvable** [CNO23, LNN⁺20, LS20b]. **solve** [VD22]. **Solving** [EN22, MPS24, ABCH23, BF21, HLW23, fLLV20, SDTR23]. **Some** [AGH20, ABR⁺22, Chr24a, Fra20, GK21, Gow20, HVX23, Iop20, KUZ22, Kus23, LHFL20, LH20, Miy24, Naj20, Slo20, Slo21a, WG20b, AMO24, AAMR20, APNP⁺21, BSS23, BD21a, BP23a, BdPS21, BO23, BDI20, Bri22, CNO23, CEJM21, Ces20, COB22a, GLLZ20, GAM20, GPR20, HJ24, Ime23, JLL20b, KZPH22, Li22, 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, SIW20, 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, JLL20a, AAMR20, AMS21, BS20c, BR23a, CN24, CFKO21, Coo20, DDFM⁺21, DP23, FPS22, GK20, HO20, HS22, HBHZ22, JMP21b, KIS21, LW20b, RDFM23, SMA21, SB20, SS21b, WZFW23, WFY24, Zha21, ZS22b]. **spectrahedra** [CEF⁺22, May21, MT22]. **Spectral** [AAH⁺22, AFS⁺23, BV24, Bou21, CJMP22, CER⁺23, DFS23, DKL⁺22, Des24, DTA23, FOR22, Gan23, GK22b, GM20, GLMM23, HWD23, KY21, LS20a, LBW23, LW24, O.21, WHM23, WZC23, Wan24, YYS⁺21, ZY24, ZvD21, AOA23, ADGK21, ASS21, AFSS20, AIK⁺24, AdST22, ACLS20, AC20a, AEGL21, APLN⁺23, BGGA22, BC22, BHHP21, BDGY21, BR22, BCG24, BKPS23, BEFSC22, Bui22, BS24b, Ces20, CLZ20, CWZ22, CLM22, CWYZ23, CWBB23, CT24, CMS21, CZ20b, CDG21, CDG22a, DYB20, DPR20, DW21, Ere21, FY23, FLRS20, FW22, FS23, GS21a, GA21, GMR21, GM23, GLHNW20, GK21, GZ20b, GLZ21, HLH23, HBHZ24, HLS21b, HLS22, JGW24, JZZ24, JT24, KT21, KLLW21, KP23a, KPP21, LC20, LMW21, LQ21, LW21b, LY23, LJSZ23, LZ20, LOS20, LG21a, LZZ23, LLX23, LS24b, LZ21b, LLA23, MK23, MSZ21, MT21b, MLZ24, MLH22, MR21b, O.22]. **spectral** [OPPS22, PK21, QJMW23, QQM24, Ram23, ST20, SWW21, Sim20, Sim21, Sta20b, Ste21a, SD20, SD21c, SC23, WSW20, WG20b, WCF21, WS22, WZ23a, XW21, XHW23, YBW24, YD21, ZXL20, ZWF20, ZW20, ZLG20, ZZ21, ZG22, ZvD23, ZWW23, ZHG21, ZHW21, ZL23b, ZKLS20, ZWL20b, ZWL20a, ZBWL20, hB21]. **spectrally** [ANAS20]. **Spectrum** [KK22c, AGNN20, Ban21, BCFT21, CHT20, CGP22, Coo21, Cos24, DR20, Fio20, FB21, GH24, HP22, LQL21, LLSV21, MPS22, Mar24, QWW21, SSP22, Sta23a, Sta23b, XY20c, YW22, ZK21, Zem22, ZLLZ22, Zhe20]. **spheres** [CVV21, LR23, Soł20]. **Spherical** [HW21b, Alf20a, BNS22, Est23]. **spillover** [ADGK21]. **spin** [AD20a, AD20b, FHMP21, FHMP22]. **splines** [BGOO21]. **split** [SSS21]. **splitting** [Ayd23]. **spread** [BEHK22, BCE⁺23, Bib22, CL21, LMG20, LLW23, MSZ21]. **spring** [UZ21, VS20]. **Square** [MSX22, vRvSTT21, Bar20, CP23, CGMP23, Ghi20, VS20]. **square-integer** [VS20]. **squares** [Boj21, CW21, CKTP20, Hal20, Kor21,

KS23b, LV22b, Lyu20, SLTW22, SC20a]. **SR** [GSS24]. **Stability** [BCOvdD22, CT24, GOUY23, SW23, AMO24, AEGL21, BCR⁺23, BBCK24, CW21, CLRT22, Cav21, KP21, LLSV21, Zha24b]. **stabilizing** [GG21]. **Stable** [Com21, ADvdH21, BBCK24, Cav21, CHY20, Kus23, TV21]. **staggered** [KIS21]. **Standard** [KLR22]. **star** [ARS24, CDM20, CDG22b, DLL23, DHH⁺20, SS21c, GKK⁺20, 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** [HXLL21, RC23]. **strengthenings** [ELW24]. **strict** [DD23b]. **Strictly** [AJM24]. **string** [YGW20]. **Strong** [ARS24, AGK⁺21, BHD⁺21, CS20, FHLS22, GS21c, GS23b, LOS20, Wój22b]. **stronger** [Nay23]. **Strongly** [AEGV21, CCO23, GK22b]. **strongly-regular** [GK22b]. **Structural** [AJM24]. **Structure** [CPTP21, Ham22, XZ21, Bar22, BS21b, Bri22, CCU21, EJ23, FKMM21, GTW23, GFW24, JJS20b, KT21, KFS21, Lew21, LP21, Ran22, SMM24]. **structure-preserving** [GTW23, KFS21, SMM24]. **Structured** [AK20, DL22, SK21a, ADGK21, BEFSC22, Cos21, FGM21, GA21, HJBKR24, Kov21, KFS21, LHK20, dSP20b, PS22, RS21a]. **structures** [Ayd23, 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, Van24, WW20, Wój22b, 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, dICP20]. **sun** [AdST22, SL20b]. **Superalgebras** [IdSSV21, BBNS22, CM23a, CNO23, HLS21a, Iop20, KK23a, KLLS22]. **supercoalgebras** [KUZ22]. **supereigenvector** [SIW22]. **superpairs** [AO22]. **supervisions** [NMS20]. **supported** [AKPS19, KAPS20]. **Supporting** [dAdCG⁺21, GLNW24]. **Supports** [MRV20]. **surely** [Roc20]. **Surjective** [CAEH⁺22, GS20b]. **surprising** [Dax23]. **Suslin** [JR24]. **Suzuki** [CWW24]. **Swift** [FP23]. **Switching** [EJS24, BBCD21, GKLZ20]. **Sylvester** [AdF20, BF21, Djo21, Lim22a, Pra20, Sas21].

Symbol [BDF23, 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, 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, Bri21, 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, XJLL23, ZK21, Zem22, ZS22b]. **syzygies** [BT20b]. **Szego** [Fik20, FP21].

T [hLqJ21]. **T-eigenvalues** [hLqJ21]. **T**. [ACM20]. **tableaux** [KK20a]. **tables** [PP20]. **talented** [BS23a]. **tame** [dBS20]. **tau** [EGJP21]. **technique** [KL21b, Sim20]. **techniques** [CLY22]. **Tensor** [AY23, HK20, AOCM20, Bar22, BZZ22, Buc20, GFW24, KKM22a, Kye23, LS22, LDZ21, Mar21, MQW20, SDS21, XX20, ZBdAF20]. **tensors** [BC24, CL24, DYB20, DBV23, GLZ20, HLYZ21, KZPH22, hLqJ21, Miy24, MO20, Rod21, SZH22, YLCB21]. **term** [FdCP20, PWW23]. **terms** [AAF23, CLL20, CLT22, DW21, FLRS20,

HDD20, LW21c, NWW20, NYW22, WWT20, WWJ20, WG20a, XWT20, ZWL20b]. **ternary** [AC20b]. **Terwilliger** [FM20a, LIW20]. **tessellable** [KIS21]. **Testing** [Ans21]. **tetradagonal** [BFMM23]. **tetrahedrally** [De 20]. **tetrahedron** [Mor22]. **th** [CW23a, CW23b, GZZ21, GvRR⁺21b, dSP20a]. **their** [AKN23, AM23b, AGNN20, Ala21, ADMZ21, APLN⁺23, BDSS21, BC21, BKLT23, BCR20, CLRT22, CWBB23, CIM22, Coh20, CDG22a, DJ22, DN20, FLRS20, Fid22, FN23, HS23a, HS22, HVX23, IKLP20, JJS20a, KS23c, LZ21a, LL21e, Miy24, Moh22, OdFVM21, QWW21, SS21a, SB20, StW22, TFT20, WWY23, Zha21, DGdSS23]. **theorem** [AC20a, AFS⁺23, BJ20b, BKPS23, CLNY22, CN21a, CC22b, ELW24, GS20a, HR20, Kli20b, Mur22, Nay23, PR22a, QJW20, Roy24, Shi22, Tei22, WW20, WXY24, XY20b, CZ22a, KKOO22, KKT22, LLWW23]. **theorems** [Adr22, ACSS22, AS23, GSV24, GRR22, KP23a, MT21a, Mar24, UZ21]. **theoretic** [BHHP21, Mar21]. **Theoretical** [Men22, KS22a]. **Theory** [MP22, NV23b, AD24, ABC⁺22, BLMT21, CLY22, Djo21, DN20, DTA23, FT23, FKK⁺21b, GCOP24, GZ20b, JS22, KS22a, KZPH22, LNN⁺20, Lin23, MMV21, PŠ23a, RT21, SNK22, SMM24, dAdCG⁺21, hB21]. **There** [MZZ24]. **Theta** [CN23b, AC22, Nag23]. **third** [GF20, hLqJ21, Vol23, ZBdAF20]. **third-order** [hLqJ21, ZBdAF20]. **Thompson** [CZ22b]. **Thorin** [GS20a]. **those** [Mel23, WFL20]. **Three** [DBV23, Alt22, CL20, MRT20, Nar23, NdLO21, PWW23, Row20, RS21b, WLL23, WZFW23, dBS20]. **three-term** [PWW23]. **threshold** [AFSS20, FM22b, GZZ21, Tur21, VTBC20]. **thresholding** [DL22]. **tight** [DO22, FS20]. **tilting** [EGL21]. **time**

[BW21, CF24, CMS21, DK21, LV22a, Lew21, XJLL23, Zha22]. **time-delay** [XJLL23]. **time-limited** [BW21, DK21]. **Tipping** [Tho22]. **Toeplitz** [PW20, BDSS21, BEFSC22, CCGV⁺20, CKKR23, EGV20, Los21b, Lub22, Men22, O’L23, OW23, PW19, Pri22, Rob20, RS21a, Shi21c]. **token** [BV24, DDFM⁺21, RDFM23]. **tolerance** [Lim21]. **tool** [Mar21]. **tools** [CLY22]. **topics** [BDI20, FP20]. **topological** [GMR22]. **topology** [Win21]. **toric** [DJ22, KMZ20]. **Total** [FJS17, FJS21, BW22, CGMP23, MMW22]. **Totally** [GZ23, CCU21, CZ22c, GR21, MMV21, Slo20, Slo21a]. **tournament** [BCF⁺20]. **tournaments** [BBS23, BBCL22]. **Trace** [KS23c, SL21, BO23, EMŠV22, FYS⁺23, HT22, Li22, LWZL23, LL24b, MM21, MS20a, RRF23, UZ21, Vit21, ZXZW23]. **trace-zero** [MM21]. **traces** [Li22]. **Tracial** [Skr20, CN20a]. **trains** [ZBdAF20]. **transfer** [AHM20, ASG22, CW22, GL20b, KS22c]. **transform** [BW24, MB20, MT23, MST24, PTD22, SS24b]. **Transformation** [BS20d, MC21b]. **transformations** [AdlCPS20, AR21, BK22, DGL23b, GTW23, GOUY23, KFS21, Pan20, Pan22, Yam21, dIPG21]. **transient** [KCPMNS21]. **transitions** [BBW20]. **translates** [SS23b]. **translation** [CLZ22, LTTW22]. **transportation** [CCK21a]. **transpose** [CdSV22]. **Transposed** [KK23a, KK23b]. **Transposition** [KK22c, KK24]. **TRASE** [Sar21]. **Tree** [JWZ22, AS22, AJNS24, BJP21, DJ23, ET20, GR22, GRR22, HWD23, ZZW22, LLWW23]. **Trees** [AvDF20, GM22, LW21b, AADT23, ACD22, AS24, BEF20, CWBB23, Cia22, DFS23, DR20, DH22, FB21, JKS23, JGZ21, LQL21, LZ20, MK23, OdFVM21, Pik23, Ran23, SGGZ21, Sta23a, WZT20, WWY23, XY20c, XLYS20, YW22, YW23, Yaz21]. **triangle** [Csi22]. **triangle-free** [Csi22]. **triangles** [GL23, Pet21, ZHG21]. **Triangular** [Yan22, BS20b, BS20f, CLW22, CMT21, Dew21, DdR20, DRG24, FGDY20, GOZ21, JLX22, Lim22a, Loe21, Mis22, Nar23, RKBA21, TBH20, Uru22, WZL21, ZG21]. **triangularization** [ADHM23]. **Triangulated** [BC21]. **tridiagonal** [Hu21]. **Tridiagonalization** [GP21]. **trifactorization** [BS23c]. **trigonometric** [Guo22]. **trinomial** [MMZ20]. **triple** [RS21a]. **triple-structured** [RS21a]. **triples** [AG24, GLP21]. **tripotents** [AT21]. **trivial** [Alf20b, ABSV21, CdSV22]. **TRO** [EM23]. **TRO-conditional** [EM23]. **Tropical** [GN20, DZCY22, DY23a, KCPMNS21, NWW20, NYW22, Xie21, Yu20]. **Trotter** [CWW24]. **truncated** [FKKM22, O’L23, VCR21, Zal22]. **truncation** [BW21, DK21, Mis22]. **trust** [NN24]. **Tucker** [ZBdAF20]. **tuples** [BFMS21, Che22, Fek20, GS22]. **Turañ** [KP23a, CWYZ23, Des24, Wan24, ZWF20]. **Turán’s** [ELW24]. **twin** [BR23a, Bas21, Mon23]. **twins** [Cia20a]. **Twirling** [GL21]. **Twisted** [BCP22, GLNW24]. **Two** [AHLvdH21, BB22, DGdSS23, ELW24, KLL22, LM22a, LJSZ23, VD22, ZL23c, AT21, ADvdH21, ADvdH23, BFF⁺23b, BFF⁺23a, BR24, Bla20, BDK⁺24, Buc20, CCCS21, CFR23, EN22, GLT21, HT23, HHS20b, KS20a, Kor21, KP22, LHFL20, MS21, NdLO21, dSP22, dSP23b, RZ24, SZ21, WW20, WZW⁺21, WCS20, XX20, XY20b, YD21, ZLG20, Zha24a, dLMO20]. **two-band** [CCCS21]. **Two-connected** [AHLvdH21]. **Two-dimensional** [DGdSS23, Bla20]. **two-isometries** [MS21]. **two-level** [XX20]. **two-parameter** [EN22, KP22]. **Two-sided** [BB22, KLL22, WW20]. **Two-step** [LM22a, WCS20]. **type** [ACSS22, AOCM21, CWW24, CLM20, CA22, CCL21, DN21, EE23, Fra20, GOZ21, GR22, GSV24, GS20a,

HHS20b, HVX23, JL20, KNiO23, KP23a, KK23b, Le22, LLH20, LLW21, MT21a, MJ24, MMV22, MS24, Nag23, Sim21, SZ22a, Sos23, YZ20, YLCB21, KKOO22]. **types** [Alt22]. **Typical** [BBS20].

Ulam [BS21a, Ban22]. **ultrametric** [Yu20]. **unbalanced** [Sta20a]. **unbounded** [FPR20]. **undecidable** [Ros22]. **underlying** [WFL20]. **undirected** [ACDG21]. **unequal** [HT23]. **unexpected** [DFH⁺20]. **unicity** [Wój22b]. **unicyclic** [BP20, BDVR21, DH23, LW20b, LQL21, QLCM20, YYS⁺21]. **unified** [AKVS23, AWvW24, CZ22c, Lin23, VS21, WZFW23]. **Uniform** [MV24, ZLG20, BMR23, BMS20, CHT20, DvDW23, FYS⁺23, LL21c, LYZ23, MT21a, Phu24, SSP22, Sch22, SWW21, SWW22, WSW20, XW21, XHW23, ZZ21, Zhe20, Zhe21]. **uniformity** [GRR22]. **unifying** [Min22]. **unilateral** [JJLS23]. **unimodular** [BBCL22, PSRS20]. **union** [HO20, Zal22]. **unipotents** [Pre20]. **Unique** [Chr24b, MLZ24]. **uniqueness** [ĆD23b, HHS20a, Li20b, WvdVvdH24]. **unit** [Alf20a, BBC⁺22a, FG20, FG23b, HHD20, JLX22, LW21c, LWH21, SK21b, Wój22b, XZWT20]. **unital** [BKT23, BK22, CDPR23, CAEH⁺22, JN22]. **unitaries** [FHMP21, FHMP22, FOP22, PR22b]. **Unitarily** [ANBK22, DLL20]. **Unitary** [CN21b, AdICPS20, AFS⁺23, BCS24, BL20, CXZ22, CAEH⁺22, DID22, FR21, GL21, GvRR21a, Hua22, KIS21, KFS21, Mil24, NS21, PR22b, PV21b, Poo20, VB20]. **units** [DHR20]. **unity** [DGL23a]. **Universal** [HO20, JMPS21, Yas23, CGP21, CGP22, JS20, Ago24]. **Universality** [FOP22]. **unknown** [SL20a]. **unmeasured** [ADGK21]. **Updating** [ADGK21]. **Upper** [BS20b, CCGV⁺20, JZZ24, MT21b, Ran23, AOA23, CLW22, DdR20, DRG24, MLH22, MT23, MP21, Nar23, Rum22, Uru22, WG20a, WG20b, WZL21]. **use** [Ais24].

Using [HJBKR24, KCPMNS21, AHV20, BBW20, BR23b, CLLK21, EN22, GS21b, MB20, Mur22].

value [CEM21, CV21, Cia22, KL23, KN20, LLW20, LHK20, Loe21, MQW20, Sha22, StW22, VCR21]. **valued** [MvWC23, RT23]. **values** [ACD22, AG15, AG20, CJ20, CAJ21, Cos21, JT24, KK22b, Li20a, LLW21, Nay23, ZS22a]. **Vandermonde** [BDGY21, KN20, MMV21, Yan21]. **variable** [GP21, SS23a]. **variables** [Ais24, GJ23, QSS22, SW23]. **variant** [ZX20]. **Variational** [Shi21a]. **varieties** [BS24a, CVV21, IdSSV21, KMZ20, Koz21]. **variety** [Elm23]. **Vector** [KMNP20, RT23, BKS⁺21, BMM24, CFSiT20, CG20, ĆD20, ĆD23b, DN23, LL24a, MV24, Rum22, WXY24]. **Vector-valued** [RT23]. **vectors** [ACG⁺21, AGNPSE23, CK23b, EL20, FISW21, HW21b, Miy24, NV23b, PV22, QJMW23]. **Verdière** [MS20b]. **version** [FGPW24, LS20c]. **versions** [CZ22a, dVLG23]. **Vertex** [BD21a, WYF⁺20, AS24, GLNW24, GMR22, JST21, LTYZ23, PSZ21, RRF23, SZSMB20, WWT20, ZLLZ22, Zhu21]. **Vertex-connectivity** [WYF⁺20]. **vertex-degree-based** [GMR22]. **vertex-disjoint** [ZLLZ22]. **vertex-weighted** [SZSMB20]. **vertical** [MG21]. **Vertices** [Wój22b, BBG21, BP20, FYS⁺23, GM22, GZ22, Goe21, KSSW20, KS22c, Mon23, MPRS21, NdLO21, WWJ20, XWT20, dLMO20]. **via** [AdF20, Ans21, BDN24, Bhu24, BT20b, CDD21, CHHS20, CK23b, DYB20, FKMM21, FKK21a, GLS22, HW21a, KSSW20, LLWW23, LHZ21, MQW20, MPRS21, PP20, SDS21, ZT23, ZBdAF20]. **view** [Chr24a]. **viewpoint** [LIW20]. **violations** [Li20a]. **volume**

[CEF⁺22, CKM20, SG20].

walk

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Keisuke Asahara, Daiju Funakawa, Etsuo Segawa, Akito Suzuki, and Noriaki Teranishi. Spectral mapping theorem of an abstract non-unitary quantum walk. *Linear Algebra and its Applications*, 676(??):1–24, November 1, 2023. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379523002628>.

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 Serdar Ay and Aurelian Gheondea. Representations of *-semigroups associated to invariant kernels with values adjointable operators. *Linear Algebra and its Applications*, 486(??):361–388, December 1, 2015. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379515004772>. See corrigendum [AG20].
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 Serdar Ay and Aurelian Gheondea. Corrigendum to “Representations of *-semigroups associated to invariant kernels with values adjointable operators” [Linear Algebra Appl. **486** (2015) 361–388]. *Linear Algebra and its Applications*, 589(??):242–246, March 15, 2020. CODEN LAAPAW.
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 Mohammad Adm and Jürgen Garloff. Characterization, perturbation, and interval property of certain sign regular matrices. *Linear Algebra and its Applications*, 612(??):146–161, March 1, 2021. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520305607>.
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 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>.
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 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/S0024379521001592>.

Araiza:2023:APQ

[AGKS23]

Roy Araiza, Colton Griffin, Aneesh Khilnani, and Thomas Sinclair. Approximating projections by quantum operations. *Linear Algebra and its Applications*, 663(??):178–199, April 15, 2023. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379523000083>.

Akbari:2020:MPC

[AGNN20]

S. Akbari, A. Ghafari, M. Nahvi, and M. A. Nematollahi. Mixed paths and cycles determined by their spectrum. *Linear Algebra and its Applications*, 586(??):325–346, February 1, 2020. CODEN LAA-PAW. ISSN 0024-3795 (print),

1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379519303970>.

Alonso-Gonzalez:2023:FCD

[AGNPSE23]

Clementa Alonso-González, Miguel Ángel Navarro-Pérez, and Xaro Soler-Escrivà. Flag codes: Distance vectors and cardinality bounds. *Linear Algebra and its Applications*, 656(??):27–62, January 1, 2023. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S002437952200341X>.

Agore:2024:FBR

[Ago24]

A. L. Agore. Functors between representation categories. Universal modules. *Linear Algebra and its Applications*, 688(??):104–119, May 1, 2024. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379524000533>.

Armentia:2020:NMP

[AGV20]

Gorka Armentia, Juan-Miguel Gracia, and Francisco-Enrique Velasco. Nearest matrix with a prescribed eigenvalue of bounded multiplicities. *Linear Algebra and its Applications*, 592(??):188–209, May 1, 2020. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL

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Alrimawi:2023:NII

[AHK23]

Fadi Alrimawi, Omar Hirzallah, and Fuad Kittaneh. Norm inequalities involving the weighted numerical radii of operators. *Linear Algebra and its Applications*, 657(??):127–146, January 15, 2023. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379522003834>.

Abreu:2021:PSI

[AHKT21]

Nair Abreu, Christoph Helmberg, Gitta Kutyniok, and Vilmar Trevisan. Preface to the Special Issue of ILAS 2019: Linear Algebra without Borders, The 22nd ILAS Conference, Rio de Janeiro, Brazil, July 08–12, 2019. *Linear Algebra and its Applications*, 614(??):1–4, April 1, 2021. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520304055>.

Arav:2021:TCS

[AHLvdH21]

Marina Arav, Frank J. Hall, Zhongshan Li, and Hein van der Holst. Two-connected signed graphs with maximum nullity at most two. *Linear Algebra and its Applica-*

tions, 611(??):82–93, February 15, 2021. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520305541>.

Ahmadi:2020:PQS

[AHM20]

Bahman Ahmadi, M. H. Shirdareh Haghghi, and Ahmad Mokhtar. Perfect quantum state transfer on the Johnson scheme. *Linear Algebra and its Applications*, 584(??):326–342, January 1, 2020. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379519304045>.

Arrigo:2022:DKR

[AHNW22]

Francesca Arrigo, Desmond J. Higham, Vanni Noferini, and Ryan Wood. Dynamic Katz and related network measures. *Linear Algebra and its Applications*, 655(??):159–185, December 15, 2022. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379522003068>.

Albrecht:2020:IOP

[AHV20]

Amie Albrecht, Phil Howlett, and Geetika Verma. Inversion of operator pencils on Banach space using Jordan chains when the generalized resolvent

has an isolated essential singularity. *Linear Algebra and its Applications*, 595(??):33–62, June 15, 2020. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520301026>.

Abiad:2022:CCW

[AHZ22]

Aida Abiad, Christopher Hojny, and Sjanne Zeijlemaker. Characterizing and computing weight-equitable partitions of graphs. *Linear Algebra and its Applications*, 645(??):30–51, July 15, 2022. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379522000982>.

Ai:2024:SRG

[AIK⁺24]

Jiangdong Ai, Seonghyuk Im, Jaehoon Kim, Hyunwoo Lee, Suil O, and Liwen Zhang. On the spectral radius of graphs with given maximum degree and girth. *Linear Algebra and its Applications*, 691(??):182–195, June 15, 2024. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379524001162>.

Aishima:2024:CEU

[Ais24]

Kensuke Aishima. Consistent estimation with the use of orthogonal projections for a lin-

ear regression model with errors in the variables. *Linear Algebra and its Applications*, 684(??):101–126, March 1, 2024. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379523004652>.

Abreu:2021:ILE

[AJM21]

Nair Abreu, Claudia Marcela Justel, and Lilian Markenzon. Integer Laplacian eigenvalues of chordal graphs. *Linear Algebra and its Applications*, 614(??):68–81, April 1, 2021. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379519305440>.

Abreu:2024:SCG

[AJM24]

Nair Abreu, Claudia Marcela Justel, and Lilian Markenzon. Strictly chordal graphs: Structural properties and integer Laplacian eigenvalues. *Linear Algebra and its Applications*, 682(??):351–362, February 1, 2024. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379523004263>.

Azimi:2024:MFP

[AJNS24]

Ali Azimi, Rakesh Jana, Mukesh Kumar Nagar, and Sivaramakrishnan Sivasubra-

manian. The maximum four point condition matrix of a tree. *Linear Algebra and its Applications*, 691(??):133–150, June 15, 2024. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379524001137>.

Ahmad:2020:SPA

[AK20]

Sk. Safique Ahmad and Prince Kanhya. Structured perturbation analysis of sparse matrix pencils with s -specified eigenpairs. *Linear Algebra and its Applications*, 602(??):93–119, October 1, 2020. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520302317>.

Alp:2023:SCA

[AK23]

Yasemin Alp and E. Gokcen Kocer. Sequence characterization of almost-Riordan arrays. *Linear Algebra and its Applications*, 664(??):1–23, May 1, 2023. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379523000186>.

Ahiable:2021:EBC

[AKL⁺21]

Jennifer Ahiable, David W. Kribs, Jeremy Levick, Rakesh Pereira, and Mizanur Rahman. Entanglement break-

ing channels, stochastic matrices, and primitivity. *Linear Algebra and its Applications*, 629(??):219–231, November 15, 2021. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379521003104>.

Abbasi:2023:ACP

[AKN23]

Paria Abbasi, Andreas Klinger, and Tim Netzer. Approximate completely positive semidefinite factorizations and their ranks. *Linear Algebra and its Applications*, 677(??):323–336, November 15, 2023. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S002437952300304X>.

Atreas:2019:DMD

[AKPS19]

N. Atreas, N. Karantzas, M. Papadakis, and T. Stavropoulos. On the design of multidimensional compactly supported Parseval framelets with directional characteristics. *Linear Algebra and its Applications*, 582(??):1–36, December 1, 2019. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379519303155>. See erratum [KAPS20].

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 Ilker Akkus, Gonca Kizilaslan, and Luis Verde-Star. A unified approach to generalized Pascal-like matrices: q -analysis. *Linear Algebra and its Applications*, 673(??):138–159, September 15, 2023. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S002437952300188X>.
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- [AL23a] **Akbari:2023:ILB**
 Saieed Akbari and Hongying Lin. Improved lower bound on the energy of line graphs. *Linear Algebra and its Applications*, 674(??):442–452, October 1, 2023. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379523002069>.
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- [Ala21] **Alakhrass:2021:SMT**
 Mohammad Alakhrass. On sectorial matrices and their inequalities. *Linear Algebra and its Applications*, 617(??):179–189, May 15, 2021. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379521000550>.
- [Alf20a] **Alfakih:2020:USE**
 A. Y. Alfakih. On unit spherical Euclidean distance matrices which differ in one entry. *Linear Algebra and its Applications*, 594(??):29–50, June 1, 2020. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520300793>.
- [Alf20b] **Alfaro:2020:GTD**
 Carlos A. Alfaro. On graphs with 2 trivial distance ideals. *Linear Algebra and its Applications*, 597(??):69–85, July 15, 2020. CODEN LAA-

PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520301452>.

Alizadeh:2020:CEH

[Ali20]

Rahim Alizadeh. Corrigendum to “An extension of Haagerup–Harpe inequality” [Linear Algebra Appl. **577** (2019) 69–77]. *Linear Algebra and its Applications*, 600(??):161–164, September 1, 2020. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520302202>. See [HAD19].

Andrade:2020:EGE

[ALMZ⁺20]

Enide Andrade, Eber Lenes, Exequiel Mallea-Zepeda, María Robbiano, and Jonnathan Rodríguez Z. Extremal graphs for Estrada indices. *Linear Algebra and its Applications*, 588(??):54–73, March 1, 2020. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379519304690>.

Altafi:2022:JTS

[Alt22]

Nasrin Altafi. Jordan types with small parts for Artinian Gorenstein algebras of codimension three. *Linear Algebra and its Applications*, 646(??):54–83, Au-

gust 1, 2022. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379522001148>.

Agore:2021:ACJ

[AM21]

A. L. Agore and G. Militaru. Algebraic constructions for Jacobi–Jordan algebras. *Linear Algebra and its Applications*, 630(??):158–178, December 1, 2021. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379521002949>.

Abyzov:2023:ADS

Adel Abyzov and Alexander Maklakov. Automorphisms of dense subrings of the endomorphism ring of a free module. *Linear Algebra and its Applications*, 679(??):220–230, December 15, 2023. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S002437952300366X>.

Abyzov:2023:LAL

[AM23b]

Adel Abyzov and Alexander Maklakov. Locally algebraic linear operators and their centralizers. *Linear Algebra and its Applications*, 662(??):1–17, April 1, 2023. CODEN LAA-PAW. ISSN 0024-3795 (print),

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Akgul:2024:LSS

[AMO24]

S. Dogruer Akgul, A. Minenkova, and V. Olshevsky. Lipschitz stability of some canonical Jordan bases of real H -selfadjoint matrices under small perturbations. *Linear Algebra and its Applications*, 686(??):64–82, April 1, 2024. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379524000181>.

Agudelo:2020:CDG

[AMR20]

Natalia Agudelo, Juan Monsalve, and Juan Rada. On the characterization of digraphs with given rank. *Linear Algebra and its Applications*, 587(??):215–227, February 15, 2020. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379519304781>.

Arrieta:2021:SRD

[AMS21]

Luis E. Arrieta, Alfredo D. Millano, and Ricardo L. Soto. On spectra realizable and diagonalizably realizable. *Linear Algebra and its Applications*, 612(??):273–288, March 1, 2021. CODEN LAA-PAW. ISSN 0024-3795 (print),

1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520305267>.

Abiad:2021:CNL

[AMZ21]

Aida Abiad, Raffaella Mulas, and Dong Zhang. Coloring the normalized Laplacian for oriented hypergraphs. *Linear Algebra and its Applications*, 629(??):192–207, November 15, 2021. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379521002834>.

Arabyani-Neyshaburi:2020:NSO

[ANAS20]

Fahimeh Arabyani-Neyshaburi, Ali Akbar Arefijamaal, and Ghadir Sadeghi. Numerically and spectrally optimal dual frames in Hilbert spaces. *Linear Algebra and its Applications*, 604(??):52–71, November 1, 2020. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520302962>.

Al-Natoor:2022:UIN

[ANBK22]

Ahmad Al-Natoor, Sakina Benzamia, and Fuad Kitaneh. Unitarily invariant norm inequalities for positive semidefinite matrices. *Linear Algebra and its Applications*, 633(??):303–315, January 15, 2022. CODEN LAA-PAW. ISSN 0024-3795 (print),

1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379521003773>.

Anonymous:2020:EBa

[Ano20a]

Anonymous. Editorial Board. *Linear Algebra and its Applications*, 584(??):i, January 1, 2020. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379519304379>.

Anonymous:2020:EBb

[Ano20b]

Anonymous. Editorial Board. *Linear Algebra and its Applications*, 584(??):ii, January 1, 2020. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379519304380>.

Anonymous:2020:EBc

[Ano20c]

Anonymous. Editorial Board. *Linear Algebra and its Applications*, 585(??):i, January 15, 2020. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379519304574>.

Anonymous:2020:EBd

[Ano20d]

Anonymous. Editorial Board. *Linear Algebra and its Applications*, 585(??):ii, January 15, 2020. CODEN LAA-PAW. ISSN 0024-3795 (print),

1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379519304586>.

Anonymous:2020:EBe

[Ano20e]

Anonymous. Editorial Board. *Linear Algebra and its Applications*, 586(??):i, February 1, 2020. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379519304811>.

Anonymous:2020:EBf

[Ano20f]

Anonymous. Editorial Board. *Linear Algebra and its Applications*, 586(??):ii, February 1, 2020. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379519304823>.

Anonymous:2020:EBg

[Ano20g]

Anonymous. Editorial Board. *Linear Algebra and its Applications*, 587(??):i, February 15, 2020. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379519305270>.

Anonymous:2020:EBh

[Ano20h]

Anonymous. Editorial Board. *Linear Algebra and its Applications*, 587(??):ii, February 15, 2020. CODEN LAA-PAW. ISSN 0024-3795 (print),

1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379519305282>.

Anonymous:2020:EBi

[Ano20i]

Anonymous. Editorial Board. *Linear Algebra and its Applications*, 588(??):i, March 1, 2020. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379519305518>.

Anonymous:2020:EBj

[Ano20j]

Anonymous. Editorial Board. *Linear Algebra and its Applications*, 588(??):ii, March 1, 2020. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S002437951930552X>.

Anonymous:2020:EBk

[Ano20k]

Anonymous. Editorial Board. *Linear Algebra and its Applications*, 589(??):i, March 15, 2020. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S002437952030029X>.

Anonymous:2020:EBl

[Ano20l]

Anonymous. Editorial Board. *Linear Algebra and its Applications*, 589(??):ii, March 15, 2020. CODEN LAA-PAW. ISSN 0024-3795 (print),

1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520300306>.

Anonymous:2020:EBm

[Ano20m]

Anonymous. Editorial Board. *Linear Algebra and its Applications*, 590(??):i, April 1, 2020. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520300495>.

Anonymous:2020:EBn

[Ano20n]

Anonymous. Editorial Board. *Linear Algebra and its Applications*, 590(??):ii, April 1, 2020. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520300501>.

Anonymous:2020:EBo

[Ano20o]

Anonymous. Editorial Board. *Linear Algebra and its Applications*, 591(??):i, April 15, 2020. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520300707>.

Anonymous:2020:EBp

[Ano20p]

Anonymous. Editorial Board. *Linear Algebra and its Applications*, 591(??):ii, April 15, 2020. CODEN LAA-PAW. ISSN 0024-3795 (print),

1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520300719>.

Anonymous:2020:EBq

[Ano20q]

Anonymous. Editorial Board. *Linear Algebra and its Applications*, 592(??):i, May 1, 2020. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520300872>.

Anonymous:2020:EBr

[Ano20r]

Anonymous. Editorial Board. *Linear Algebra and its Applications*, 592(??):ii, May 1, 2020. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520300884>.

Anonymous:2020:EBs

[Ano20s]

Anonymous. Editorial Board. *Linear Algebra and its Applications*, 593(??):i, May 15, 2020. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520301105>.

Anonymous:2020:EBt

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Elisabete Barreiro, Saïd Benayadi, Rosa M. Navarro, and José M. Sánchez. Odd-quadratic Lie superalgebras with a weak filiform module as an odd part. *Linear Algebra and its Applications*, 649(??):22–46, September 15, 2022. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379522001641>.

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Daniel Irving Bernstein, Grigoriy Blekherman, and Rainer Sinn. Typical and generic ranks in matrix completion. *Linear Algebra and its Applications*, 585(??):71–104, January 15, 2020. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379519303763>.

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Niranjan Balachandran, Srimalanta Bhattacharya, and Brahadesh Sankarnarayanan. An ensemble of high rank matrices arising from tournaments. *Linear Algebra and its Applications*, 658(??):310–318, February 1, 2023. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL

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Benhida:2021:CPD

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Brown:2020:ETD

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David E. Brown, Eric Culver, Bryce Frederickson, Sidney Tate, and Brent J. Thomas. Entropy of tournament digraphs. *Linear Algebra and its Applications*, 584(??):371–393, January 1, 2020. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S002437951930415X>.

Bravo:2021:CSD

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Bera:2024:SDC

[BCG24]

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Berliner:2022:SSP

[BCOvdD22]

Adam H. Berliner, Minerva Catral, D. D. Olesky, and P. van den Driessche. Stability of sign patterns from a system of second order ODEs. *Linear Algebra and its Applications*, 632(??):61–78, January 1, 2022. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S002437952100327X>.

Berliner:2023:IMS

[BCOvdD23]

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Borodzik:2022:TBP

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Maciej Borodzik, Anthony Conway, and Wojciech Politarczyk. Twisted Blanchfield pairings and twisted signatures I: Algebraic background. *Linear Algebra and its Applications*, 655(??):236–290, December 15,

2022. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379522003305>.

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Bachelier:2023:NSC

[BCR+23]

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[BCS24]

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graded involution of quadratic growth. *Linear Algebra and its Applications*, 689(??):260–293, May 15, 2024. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379524000831>.

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[BD21b]

Richard A. Brualdi and Geir Dahl. Sign-restricted matrices of 0’s, 1’s, and -1 ’s. *Linear Algebra and its Applications*, 615(??):77–103, April 15, 2021. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S002437952100001X>.

Bolten:2023:SBC

[BDF23]

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dle point problems. *Linear Algebra and its Applications*, 671(??):67–108, August 15, 2023. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379523001507>.

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[BDGY21]

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Bien:2022:DMD

[BDHS22]

Mai Hoang Bien, Truong Huu Dung, Nguyen Thi Thai Ha, and Tran Nam Son. Decompositions of matrices over division algebras into products of commutators. *Linear Algebra and its Applications*, 646(??):119–131, August 1, 2022. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379522001331>. See corrigendum [BDHS23b].

Bien:2023:IWS

[BDHS23a]

M. H. Bien, T. H. Dung,

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Bien:2023:CDM

[BDHS23b]

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Botelho:2020:HPS

[BDI20]

Fernanda Botelho, Priyadarshi Dey, and Dijana Ilisević. Hermitian projections on some Banach spaces and related topics. *Linear Algebra and its Applications*, 598(??):92–104, August 1, 2020. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520300435>.

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[BDK21]

Watheq Bani-Domi and Fuad Kittaneh. Refined and generalized numerical radius inequalities for 2×2 operator matrices. *Linear Algebra and its Applications*, 624(??):364–386, September 1, 2021. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379521001506>.

Berger:2024:CLM

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Bag:2020:OMC

[BDNO20]

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Bebiano:2021:KCH

[BdPS21]

Natália Bebiano, João da Providência, and Ilya M. Spitkovsky. On Kippenhahn curves and higher-rank numerical ranges of some matrices. *Linear Algebra and its Applications*, 629(??):246–257, November 15, 2021. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379521003074>.

Baragana:2020:BRP

[BDRS20]

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Bala:2021:IMT

[BDSS21]

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- [Braga:2021:IUG]
- [Bolten:2022:TMS] Matthias Bolten, Sven-Erik Ekström, Isabella Furci, and Stefano Serra-Capizzano. Toeplitz momentary symbols: definition, results, and limitations in the spectral analysis of structured matrices. *Linear Algebra and its Applications*, 651(??):51–82, October 15, 2022. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL
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Behera:2021:GIE

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Kiran Kumar Behera. A generalized inverse eigenvalue problem and m -functions. *Linear Algebra and its Applications*, 622(?):46–65, August 1, 2021. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379521001294>.

Barrett:2022:NCA

[BEHK22]

Wayne Barrett, Emily Evans, H. Tracy Hall, and Mark Kempton. New conjectures on algebraic connectivity and the Laplacian spread of graphs. *Linear Algebra and its Applications*, 648(?):104–132, September 1, 2022. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379522001793>.

Bart:2021:RDU

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H. Bart, T. Ehrhardt, and B. Silbermann. Rank decomposition under zero pattern constraints and L-free directed graphs. *Linear Algebra and its Applications*, 621(?):135–180, July 15, 2021. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379522002397>.

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Bezushchak:2022:ADA

[Bez22]

Oksana Bezushchak. Automorphisms and derivations of algebras of infinite matrices. *Linear Algebra and its Applications*, 650(?):42–59, October 1, 2022. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379522002130>.

Bertram:2021:QFS

[BF21]

Christian Bertram and Heike Faßbender. A quadrature framework for solving Lyapunov and Sylvester equations. *Linear Algebra and its Applications*, 622(?):66–103, August 1, 2021. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379521001336>.

Beaufort:2024:LCS

[BF24a]

Louis-Brahim Beaufort and Anna Fino. Locally conformal SKT almost abelian Lie algebras. *Linear Algebra and its Applications*, 684(?):1–22, March 1, 2024. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S002437952300352X>.

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 Wayne Barrett, Shaun Fallat, Veronika Furst, Franklin Kenter, Shahla Nasserar, Brendan Rooney, Michael Tait, and Hein van der Holst. Sparsity of graphs that allow two distinct eigenvalues. *Linear Algebra and its Applications*, 674(??):377–395, October 1, 2023. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379523002161>.
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 Wayne Barrett, Shaun Fallat, Veronika Furst, Shahla Nasserar, Brendan Rooney, and Michael Tait. Regular graphs of degree at most four that allow two distinct eigenvalues. *Linear Algebra and its Applications*, 679(??):127–164, December 15, 2023. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379523003488>.
- [BFLT23] **Bazzoni:2023:CSL**
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Bartusel:2023:PRA

[BFO23]

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

Bondarenko:2021:PCN

[BFPS21]

Vitalij M. Bondarenko, Vyacheslav Futorny, Anatolii P. Petravchuk, and Vladimir V. Sergeichuk. Pairs of commuting nilpotent operators with one-dimensional intersection of kernels and matrices commuting with a Weyr matrix. *Linear Algebra and its Applications*, 612(??):188–205, March 1, 2021. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520305231>.

Bhunia:2020:RQH

[BG20]

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Baghipur:2022:SRG

[BGA22]

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Byrne:2022:ASR

[BGLR22]

Eimear Byrne, Heide Gluesing-Luerssen, and Alberto Ravnani. Anticodes in the sum-rank metric. *Linear Algebra and its Applications*, 643(??):80–98, June 15, 2022. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379522000556>.

Böttcher:2021:WMB

[BGOO21]

Albrecht Böttcher, Stephan Ramon Garcia, Mohamed Omar, and Christopher O’Neill.

Weighted means of B-splines, positivity of divided differences, and complete homogeneous symmetric polynomials. *Linear Algebra and its Applications*, 608(??):68–83, January 1, 2021. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520303918>.

Baghel:2022:NSS

[BGS22]

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Balasubramanian:2024:EEB

[BH24]

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

Beaupre:2021:IGP

[BHBO21]

Aria Beaupré, Emily Hoopes-Boyd, and Grace O’Brien.

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Borgard:2021:ADK

[BHD⁺21]

Riley Borgard, Steven N. 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 LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520305188>.

Barreras:2021:MTB

[BHHP21]

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Byrne:2022:DFM

[BHKW22]

Eimear Byrne, Anna-Lena Horlemann, Karan Khathuria, and Violetta Weger. Density of free modules over finite chain rings. *Linear Algebra and its Applications*, 651(??):1–25, October 15, 2022. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S002437952200235X>.

Bhat:2020:RCP

[BHMU20]

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Bhunja:2024:IBN

[Bhu24]

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Bechtold:2020:MPP

[BJ20a]

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Bhatia:2020:SHT

[BJ20b]

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<http://www.sciencedirect.com/science/article/pii/S0024379522003846>.

Bovdi:2020:OPS

[BKR⁺20]

Victor A. Bovdi, Tetiana Klymchuk, Tetiana Rybalkina, Mohamed A. Salim, and Vladimir V. Sergeichuk. Operators on positive semidefinite inner product spaces. *Linear Algebra and its Applications*, 596(??):82–105, July 1, 2020. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S002437952030118X>.

Bargetz:2020:API

[BKRS20]

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

Burdak:2015:CPC

[BKS15]

Zbigniew Burdak, Marek Kosiek, and Marek Słociński. Compatible pairs of commuting isometries. *Linear Algebra and its Applications*, 479(??):216–259, August 15, 2015. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL

[BKS⁺21]

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Borges:2021:CLO

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

Burdak:2023:CCP

[BKSP23]

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

Bhat:2023:PAU

[BKT23]

B. V. Rajarama Bhat, Samir

Kar, and Bharat Talwar. Peripherally automorphic unital completely positive maps. *Linear Algebra and its Applications*, 678(??):191–205, December 1, 2023. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379523003257>. ■

Bourin:2020:CMI

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Jean-Christophe Bourin and Eun-Young Lee. Clarkson–McCarthy inequalities with unitary and isometry orbits. *Linear Algebra and its Applications*, 601(??):170–179, September 15, 2020. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520302135>. ■

Behajaina:2022:CGG

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Angelot Behajaina and François Legrand. On Cayley graphs over generalized dicyclic groups. *Linear Algebra and its Applications*, 642(??):264–284, June 1, 2022. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379522000775>. ■

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Bourin:2024:DDB

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Jean-Christophe Bourin and Eun-Young Lee. Diagonal and off-diagonal blocks of positive definite partitioned matrices. *Linear Algebra and its Applications*, 684(??):87–100, March 1, 2024. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379523004627>. ■

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Bunger:2021:NPS

[BLR21]

F. Bünger, M. Lange, and S. M. Rump. On norms of principal submatrices. *Linear Algebra and its Applications*, 620(??):27–36, July 1, 2021. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S002437952100080X>.

Bukovsek:2020:CPF

[BLS20]

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>.

Breaz:2020:NMS

[BM20]

Simion Breaz and Sergiu Megieșan. Nonderogatory matrices as sums of idempotent

and nilpotent matrices. *Linear Algebra and its Applications*, 605(??):239–248, November 15, 2020. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S002437952030344X>.

Bouthat:2022:CPN

[BM22]

Ludovick Bouthat and Javad Mashreghi. The critical point and the p -norm of the Hilbert L -matrix. *Linear Algebra and its Applications*, 634(??):1–14, February 1, 2022. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379521003761>.

Basha:2023:ENR

[BM23]

Aishah Ibraheem Basha and Judi J. McDonald. An extension of the numerical range over finite fields. *Linear Algebra and its Applications*, 673(??):14–27, September 15, 2023. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379523001714>.

Bourhim:2024:MPM

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Abdellatif Bourhim, Mohamed Mabrouk, and Mostafa Mbekhta. Maps preserving matrices of local reduced minimum modulus zero

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Bursics:2023:ARA

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Balázs Bursics, Dávid Matolcsi, Péter Pál Pach, and Jakab Schrettner. Avoiding right angles and certain Hamming distances. *Linear Algebra and its Applications*, 677(??):71–87, November 15, 2023. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S002437952300294X>.

Behajaina:2023:IDS

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Angelot Behajaina, Roghayeh Maleki, and Andriaherimanana Saby Razy Razafimahatratra. On the intersection density of the symmetric group acting on uniform subsets of small size. *Linear Algebra and its Applications*, 664(??):61–103, May 1, 2023. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379523000101>.

Bikchentaev:2020:AIU

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A. Bikchentaev, E. McDonald, and F. Sukochev. Ando’s

inequality for uniform submajorization. *Linear Algebra and its Applications*, 605(??):206–226, November 15, 2020. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520303384>.

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John Bamberg, Giusy Monzillo, and Alessandro Siciliano. Pseudo-ovals of elliptic quadrics as Delsarte designs of association schemes. *Linear Algebra and its Applications*, 624(??):281–317, September 1, 2021. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379521001786>.

Barbarino:2023:REH

Giovanni Barbarino and Vanni Noferini. On the Rellich eigendecomposition of para-Hermitian matrices and the sign characteristics of *-palindromic matrix polynomials. *Linear Algebra and its Applications*, 672(??):1–27, September 1, 2023. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379523001635>.

Boyvalenkov:2022:RIP

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Bhat:2020:UGG

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Barik:2021:CNG

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Bhunia:2021:DIC

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Banerjee:2023:SGO

Anirban Banerjee and Samiron Parui. On some general operators of hypergraphs. *Linear Algebra and its Applications*, 667(??):97–132, June 15, 2023. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379523000782>.

Bhunia:2023:CDI

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Bisai:2023:CCE

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Baragana:2021:GSC

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Yun Cai and Ying Wang. Convergence and stability analysis of iteratively reweighted least squares for noisy block sparse recovery. *Linear Algebra and its Applications*, 631(??):181–202, December 15, 2021. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379521003219>.

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Dalfo:2021:LST

[DDFM⁺21]

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Dahl:2020:MM

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Dolinar:2020:PLS

[DHH⁺20]

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Frank de Hoog and Markus Hegland. A note on error bounds for pseudo skeleton approximations of matrices. *Linear Algebra and its Applications*, 669(??):102–117, July 15, 2023. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379523001155>.

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- [Eld22] **Elduque:2022:NGG**
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- [Elm23] **Elmer:2023:SVM**
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gebra 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 LAAPAW. 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. *Linear Algebra and its Applications*, 670(??):78–103, August 1, 2023. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379523001295>.

Evert:2022:CCO

[EMŠV22]

Eric Evert, Scott McCullough, Tea Štrekelj, and Anna Vershynina. Convexity of a certain operator trace functional. *Linear Algebra and its Applications*, 643(??):218–234, June 15, 2022. CODEN LAA-

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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

[Ere21]

Aysel Erey. Maximal distance spectral radius of 4-chromatic planar graphs. *Linear Algebra and its Applications*, 618(??):183–202, June 1, 2021. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379521000574>.

Ellard:2020:FNL

[ES20]

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

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Engel:2023:BRS

[ES23]

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

[Est20]

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

[Est23]

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Erzan:2020:ECE

[ET20]

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

Ellers:2020:GSG

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 LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379521002597>.

Fabila-Carrasco:2022:MNH

[FCLP22]

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>.

[Fek20]

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Feki:2020:TCO

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Fernandes:2020:MMT

[FdCP20]

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>.

[FFSW23]

Friday:2023:PDM

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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>.

[FG20]

Fuentes:2020:CBM

Edinson Fuentes and Luis E. Garza. CMV block matrices for symmetric matrix measures on the unit circle. *Linear Algebra and its Applications*, 587(??):314–333, February 15, 2020. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520302032>.

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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 LAA-PAW. 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/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/S0024379523003750>.

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Fidelis:2020:GIB

[FGDY20]

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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 Markovskiy. 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]

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ber 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]. *Linear 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, November 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 powers: 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. Cor-

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

Fukshansky:2021:GNO

[FK21]

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

Fagundes:2023:SGP

[FK23]

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

Flores:2021:HCR

[FKK21a]

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

Futorny:2021:PTM

[FKK⁺21b]

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

Fritzsche:2022:WMB

[FKKM22]

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

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Fritzsche:2020:SAM

- [FKM20] Bernd Fritzsche, Bernd Kirstein, and Conrad Mädler. Schur analysis of matricial Hausdorff moment sequences. *Linear Algebra and its Applications*, 590(??):133–209, April 1, 2020. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379519305415>. [fLLV20]

Fidelis:2022:GIK

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Filipiak:2021:AKP

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PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520304900>.

Li:2020:EAS

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

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

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.

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Fernandez:2020:TAD

[FM20a]

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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 Maruzzi. 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

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Fallat:2022:MND

[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>.

Fallat:2020:APM

[FMR20]

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

Filho:2021:LFC

[FMS21]

G. Santos Filho, L. Murakami, and I. Shestakov. Locally finite coalgebras and the locally nilpotent radical I. *Linear Algebra and its Applications*, 621(??):235–253, July 15, 2021. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379521000441>.

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Figla:2023:CFD

[FN23]

Ágota Figla and Péter T. Nagy. Classification of a family of 4-dimensional anti-commutative algebras and their automorphisms. *Linear Algebra and its Applications*, 656(??):385–408, January 1, 2023. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S002437952200369X>.

Farenick:2022:UWU

[FOP22]

Douglas Farenick, 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/S0024379521003827>.

Fidaleo:2022:SEP

[FOR22]

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

<http://www.sciencedirect.com/science/article/pii/S0024379521003724>.

Fernandez-Polo:2020:MPR

[FP20]

Francisco J. Fernández-Polo. The minimax principle and related topics in the Jordan setting. *Linear Algebra and its Applications*, 604(??):293–323, November 1, 2020. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520303177>.

Fikioris:2021:ECL

[FP21]

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

Fornaroli:2022:AI

[FP22]

Érica Z. Fornaroli and Roger E. M. Pezzott. Anti-isomorphisms and involutions on the idealization of the incidence space over the finitary incidence algebra. *Linear Algebra and its Applications*, 637(??):82–109, March 15, 2022. CODEN 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>.

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Garcia:2021:LBS

[GMR21]

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Gutman:2022:RBV

[GMR22]

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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 LAAPAW. ISSN 0024-3795 (print),

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Gaubert:2020:TPN

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Glasby:2022:RGD

[GNP22]

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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 LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520300914>.

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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

[Goe21]

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 LAAPAW. 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 LAAPAW. 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 LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520303001>.

Golla:2023:SPI

[GOUY23]

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

Gao:2024:OSS

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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

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Guo:2022:DTF

[Guo22]

Xuejun Guo. Determinants of trigonometric functions and class numbers. *Linear Algebra and its Applica-*

tions, 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

[GvRR+21b]

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

Groenewald:2023:SME

[GvRR+23]

G. J. Groenewald, D. B. Janse van Rensburg, A. C. M. Ran, F. Theron, and M. van Straaten. Solutions of the matrix equation $p(X) = A$, with

polynomial function $p(\lambda)$ over field extensions of \mathbf{Q} . *Linear Algebra and its Applications*, 665(??):107–138, May 15, 2023. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379523000344>.

Gau:2020:MPC

[GW20]

Hwa-Long Gau and Kuo-Zhong Wang. Matrix powers with circular numerical range. *Linear Algebra and its Applications*, 603(??):190–211, October 15, 2020. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379520302834>.

Gau:2022:NRH

[GW22]

Hwa-Long Gau and Pei Yuan Wu. Numerical ranges of Hankel matrices. *Linear Algebra and its Applications*, 650(??):60–74, October 1, 2022. CODEN LAA-PAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379522002105>.

Gift:2024:RFP

[GW24]

Sarah Gift and Hugo J. Woerdeman. Real factorization of positive semidefinite matrix polynomials. *Linear Algebra and its Applications*, 683(??):125–150, Febru-

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[hB21]

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/S0024379521003062>.

Hansen:2022:NPS

[HBHZ22]

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Hari:2022:QCC

[Har22]

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[NV23a]

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Nishida:2022:CTP

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[NZ24]

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[O.22]

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Oh:2022:IGS

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[Ost23]

Maëva Ostermann. Pseudospectra and simultaneous power control. *Linear Algebra and its Applications*, 658(??):49–61, February 1, 2023. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379522003871>.

Ostermann:2023:PSP

[ORŠ23]

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Petkov:2022:NJF

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Pagacz:2020:BNI

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Podesta:2021:IEN

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Pelantova:2022:PRI

[PV22]

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Price:2019:STM

[PW19]

Geoffrey Price and Myles Wortham. On sequences of Toeplitz matrices over finite fields. *Linear Algebra and its Applications*, 561(??):63–80, January 15, 2019. CODEN LAAPAW. ISSN 0024-3795 (print), 1873-1856 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0024379518304464>. See corrigendum [PW20].

Price:2020:CST

[PW20]

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Poon:2021:IMC

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Rai:2023:BML

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Sanchez:2021:LIB

[Sán21]

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Sano:2023:MPM

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Sun:2020:CSR

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Sun:2021:CPC

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Sun:2021:MNL

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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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