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Title word cross-reference

$(-1, 1)$ [ÁAFG12]. $(0, 1)$ [BBS12b, NP10, Ghe14a]. $(2, 2, 0)$ [CI13, PH12]. (A, B) [PP13b]. (α, β) [HW11, HZM10]. (C, λ, μ) [dMR12]. (ℓ, m) [DFG10]. (H, m) [BOZ10]. (κ, τ) [CSZ10, CR10c]. $(\lambda, 2)$ [BBS12b]. $(m, s, 0)$ [GH13b]. $(n - 3)$ [CGO10]. $(n - 3, 2, 1)$ [CCGR13]. (ω) [CL12a]. (P, R) [KNS14]. (R, S_σ) [Tre12]. -1 [LZG14]. 0 [AKZ13, Ano12-30, CGGS13, DLMZ14, Wu10a]. 1 [Ano12-30, AHL+14, CGGS13, GM14, Kal13b, LM12, Wu10a]. $1/n$ [CNPP12]. $1 < t < 2$ [Seo14]. 2 [AIS14, AM14, AKA13, BDF11, BdlC14, BDK11, CvDKP13, CL13b, CNPP12, DoMP09, Ere13, GMT13, GG13, KY14, Rim12, Rud12, YHH12, vdH14]. 24 [KAAK11]. $2n - 3$ [BCŠ10, Hil13]. 2×2 [CGRVC13, CGSCZ10, CM14, DW11, DMS10, JK11, KJK13, MSvW12, Yan14]. $2 \times 2 \times 2$ [Ber13b]. 3 [BZWL13, Bre14, CILL12, CKAC14, Fri12, GOvdD14, GX12a, Kal13b, KK14, YHH12]. $3n^2 - 2\sqrt{2}n^{3/2} - 3n$ [MR13]. $3n^2 - 2\sqrt{2}n^{3/2}3n$ [MR14a]. 3×3 [Dru14, GLZ14, Sev14]. $3 \times 3 \times 2$ [Ber13b]. $3 \times 3 \times 3$ [BH13b]. 4 [Ban13a, BDK11, BZ12b, CK13a, FP14, NSW13, Nor14]. 4×4 [CJR11]. 5 [BH13b, CHY12, KRH14, Kol13, MW14a]. 5×5 [BAD09, DA10, Hil12a, Spe11]. $5 \times n$ [CJR11]. 6 [DK13c, DK11, DK12a, DK13b, Kar11a]. 7 [PP13a, Zho12]. 70 [GRS+11]. $[1, n]$

[LWY10]. $_k$ [HJN12]. A [AM13d, CK14, DJK12b, HM14b, LSTW13, MS14a, PPK13]. $A + \lambda B$ [MP14a]. $A - BX - (BX)^*$ [Tia11b]. $A^{(2)}_{T,S}$ [SPKS12]. $A^*x = \lambda Ax$ [LCwCL11]. $A^3 = \lambda A$ [Özd13]. $\{a_i\}_{i=0}^d$ [Han13b]. $A \in \mathbf{C}^{n,n}$ [BGH12]. α [CM12a, Cra13, FKM13]. $A \odot x = B \odot x$ [LdlP11]. $AX + X^*B = 0$ [DDG+13]. $AXB = C$ [AG10]. B [AT14a, QS14, YY14c, Beh13, Sin10a]. $B(X)$ [LJ10]. B_0 [YY14c]. B_D [JM12b]. B_{ℓ_p} [BS14]. c [CN11c, CN13c, LL11c]. $C*$ [AF12]. C^* [AR12, BB14, BMGMC12, CIH11, GD11a, Kaw13, Pop12, Sha11, WW10, WD10]. C^2 [GMV11]. $C^\star$ [Kaw12]. C_4 [ZW12a]. $\mathcal{A}(n, 2)$ [Ghe14b]. D [BR14c, FMR12, Kal13a, Mit11b, NP10, Pry10]. D_{2t} [ÁAFG12]. DB [Dai11]. $d \times d$ [DHLX12]. E [BZW14]. E_8 [KAAK11]. ℓ^1 [WY13]. ℓ^∞ [BEM12b]. $\ell^p(I)$ [BEM12a]. ℓ_1 [Fou14]. ℓ_p [BS14]. $\frac{3}{2}\sqrt{2}$ [LL13a]. G [CS13b, FH12a, FM13, GMS12, Mat12, AMJ14, CGMS10b, WL10a]. Γ [Lim11b, Aga14, LH10b, SR13b]. $\{\Gamma(A^m)\}_{m=1}^\infty$ [CK14]. $\{\Gamma(A^m)\}_{m=1}^\infty$ [PPK13]. GF(2) [MMP13a]. GL(V) [KN13a]. H [BGH12, CMRR13, FGvRR13, GEP10, QSW14, wXL14]. H_2 [Kar11a]. ∞ [GL12c, LHWL12]. J [BFdP10, BLdPS10, BFdP11, BFdP12, FKR11a, FKR12, HSS10, HSS14, dlRMP12]. K [CC14, FFK11, ACM+12, BM14b, BR14d, BdS10, CR10a, CH14, DCIW12a, DGMS14, DW12a, Fra13, GLS10, HL10b, LSC10, fLyH11, LWZ11, LLH10, LL14b, Nik11, SvdH11, Tre10, Zha14a, vdH13]. $\{K, s + 1\}$ [LRT12, LRT13]. $k - 1$ [TL13b]. $K_2 \times K_n$ [GK14a]. K_3 [CPH11]. K_4 [CPH11]. $K_{4,4}$ [Gol13]. K_5 [Kuz10]. L [SS12a, Fri13]. L^2 [Car11, MZ11]. $L_p[0, 1] \setminus \cup_{q>p} L_q[0, 1]$ [BFPSS12]. λ [FdCR10, MP14a]. Λ_S [MPT12]. LDU [CRU13, CRU14]. $\lfloor (n - 9)/2 \rfloor$ [Zhu12c]. $\log(XY) = \log(X) + log(Y)$ [Bou10a]. LR [BM13a]. LU [Dur12, GL12b]. M [BCEM10, BCEM12, BR14c, Guo13, HLS10, HZ10, HH11a, JS11, NS11b, SHZ10, Bal12a, Bal12b, BMN13b, FJ14, Gu14, GK14c, Hua12b, MPSS10, PYZ14, TNP12, Vla12]. $M_{11}(E)$ [KdM13]. $M_n(\mathbf{Z}_k)$ [MPRW11]. $M_{n,m}$ [AAM12]. $\mathbf{C}^{m\times n\times l}$ [Fri13]. $\mathbf{F}_q[x]$ [GY13]. $\mathbf{R}$ [KK14]. $\mathbf{R}^{d\times d}$ [Dai13]. $\mathbf{R}^N$ [San10, FGR13, IJ12, SA14, AMJ14]. $\mathbf{R}_n$ [Wu13b]. $\mathbf{Z}^+$ [JPS13]. $\mathcal{A}$ [DJK12a]. $\mathcal{B}(\mathcal{H})$ [DM11]. $\mathcal{M}$ [DQW13]. $\rfloor$ [BEM12b]. $\int\updownarrow_2$ [NT12b]. $\int\updownarrow_2(\mathbf{C})$ [BE10]. GL(n; $\mathbf{C}$) [MR11]. SO($n + 1$) [DMMY10]. SO($n, 1$) [DMMY10]. $m \le n$ [SSM13]. $m \times n \times (m - 1)n$ [SSM13]. μ [NT10b, dF10]. n [BE12, Dug12, Hil13, JLLY10, MR10c, Pin12, WWD13, WW13c, Wan14b, ZHZF13]. $n - 3$ [ACGVK14, CCGR13]. $n - e$ [LLS12]. N_0 [ND11, ZH11b]. $n \times n$ [Hil13, MR13, MR14a]. $\Omega_n(T)$ [ACM14]. P [AdFM11, BPDC14, DdF14, GTR12, MPS10, PP12b, TGS14, YY14c, CCGVO13, CCGO14, Guo10a, HL11b, JMP13, Lin10, MTS11, OM14, Wol12]. $p > 0$ [BFPSS12]. $P^1_{\max}$ [GM11a]. p^n [Gu13, LWG13]. P_0 [AT11, YY14c]. P_2 [CPV10]. P_2' [CPV10]. ϕ_J [DoMP09, MPP10]. ϕ_S [AMP10, DMP11, GMP13]. $\{\pm 1, \pm i\}$ [KP14a]. ψ [BC14a]. Q [Lee13b, AHL11, Bal10, BZ12b, Cer10, CT11b, MW14a, ND11, OdLdAK10, PHS13, Siv13, WBWH13, Yua14, Yua15, ZWL13, dFdADVJ10, BC14a, CJL13, Ern13, HWG14, IRT14, LL11a, LT11a, NT10b, VS11, VS14b, Wor13, ZYL10]. $q + 1$ [MM10a]. QDR [SPKS12]. QR [BV12a]. R [Kaw13, BNP11, ZWL13]. $\{R, s + 1, k\}$ [CLST14]. $R^k = I$ [LSTW13]. R_{-1} [CFK10a]. $RA = A^{s+1}R$ [LSTW13]. RH_2 [Köh14]. RH_∞ [Köh14]. S [Drn13a, SBM11, dlCdlRMP14, QSW14]. $S_{\max}$ [GM11a]. σ [wH13, GEP13]. sl_2 [BM12a]. $\sqrt{2}$ [Sta12]. $\star$ [AKM13, DJK12b].

$\sum_{j=1}^{m} A^{n-j} X A^{j-1} = B$ [Fur10b]. T [BM14a, Blu10, ZXX13, BKMS12]. $T(x) = f$ [HN10]. T^* [LCM13]. T_n [GS12a]. $\tan\theta$ [Nak12]. θ [GL12c]. U_1 [YX13]. $U_q(\int\updownarrow_2)$ [Ter13, BCT14, Wor13]. $\mathrm{U}_q(sl_2)$ [BC14a, Ter14]. $UT_\infty(R)$ [Slo12b]. W [CL12b, KK10, PP12b, CH11, CDDY10]. $W(2,2)$ [CL12b]. $W(n,n-1)$ [KMNS12]. $w_{23}(v)$ [AAKM14]. X [MP13b]. $X + A^T X^{-1} A = Q$ [GKL11]. $X = Af(X)B + C$ [ZLD11]. $XA + AX^T = 0$ [CGGS13, DD11a, GS13a]. $XA - AX = f(X)$ [Bou11]. ξ [QCH11]. $XM = NX$ [Lim11b]. xy [KLZ14a]. $XY + YX^*$ [LLF13]. $XY - YX^T$ [CFL13a, FLC11]. yx [KLZ14a]. Z [CPR10, CPZ13, GTR12, TG13, XC13]. Z_2 [Cen11]. $||A^{-1}||_\infty$ [HZ10].

***** [GD11a, XDFL10, YZ12b]. ***-Lie** [YZ12b]. ***-modules** [GD11a]. ***-order** [XDFL10]. ***congruence** [DFS14].

- [Ano12-30, CGGS13]. **-adic** [ZYL10]. **-admissible** [CS13b]. **-algebra** [AKM13, CL12b]. **-algebras** [BB14, BMGMC12, CIH11]. **-alternating** [BM14a]. **-analogue** [CJL13]. **-analogues** [Ern13]. **-arithmetic** [MPSS10]. **-banded** [Hua12b]. **-bialgebra** [Kaw12]. **-bialgebras** [Kaw13]. **-cell** [KAAK11]. **-class** [DJK12b, MW14a]. **-claws** [Ban13a]. **-colored** [Kal13b]. **-commutative** [Tre12]. **-Commuting** [DW12a]. **-completable** [HJN12]. **-complete** [Sin10a]. **-conjecture** [NT10b]. **-connected** [CH14]. **-contractions** [MS14a]. **-cospectral** [BZW14]. **-critical** [FdCR10, MPS10]. **-curves** [KK10]. **-cycles** [QSW14]. **-cyclic** [GLS10, LL11c, TL13b]. **-decompositions** [GMS12, KNS14]. **-derivations** [BE12, HW11, HZM10, WW13c, Wan14b, WWD13]. **-diagonally** [LH10b]. **-digraphs** [GL12c]. **-dimensional** [BDF11, DK13c, CK13a, CILL12, DK11, DK12a, DK13b, FP14, KRH14]. **-divergence** [CM12a]. **-domination** [LL14b]. **-Drazin** [CGMS10b]. **-eigenvalue** [AHL11]. **-eigenvalues** [CPZ13, QSW14, WBWH13, XC13]. **-entropy** [CH11]. **-extensions** [LCM13]. **-Fibonacci** [DGMS14]. **-filiform** [CGO10, CCGVO13, CCGO14]. **-form** [BDK11]. **-forms** [BDK11]. **-free** [ZW12a]. **-function** [SS12a]. **-game** [wH13]. **-generalized** [CMRR13]. **-graded** [Cen11]. **-graphs** [LHWL12]. **-Hermitian** [BFdP10, BLdPS10]. **-Householder** [MPT12]. **-hyperreflexivity** [BR14d]. **-hyponormal** [CDDY10]. **-index** [Yua15, CT11b, Yua14]. **-integral** [PHS13, ZWL13, dFdADVJ10]. **-interpolating** [BPDC14]. **-invariant** [PP13b]. **-inverses** [WL10a, SPKS12]. **-involutory** [fLyH11, Tre10]. **-isometries** [BMN13b, Gu14, Dug12]. **-Jacobi** [HSS10, HSS14]. **-Krawtchouk** [Wor13]. **-letter** [AM14]. **-Lie** [BZWL13, QCH11]. **-Local** [AKA13]. **-Lucas** [DGMS14]. **-matching** [Beh13]. **-matrices** [BK10, Dah10, Ghe14a, Zho12, Kaw13, ÁAFG12, AT11, AT14a, BCEM10, CPR10, Dai11, FH12a, FM13, FFK11, GEP10, Guo13, HLS10, HZ10, HH11a, JS11, JPS13, Mat12, ND11, SHZ10, Siv13, wXL14, ZH11b, ZXX13]. **-matrix** [BCEM12, BR14c, BGH12, Drn13a, NS11b]. **-minimizations** [Fou14]. **-modules** [AR12, AF12, Pop12, Sha11, Ter13, Ter14, WW10, WD10]. **-negative** [Wol12]. **-Newton** [JMP13]. **-norm** [MTS11]. **-normal** [BFdP10, BFdP11, BFdP12]. **-numerical** [CN11c, CN13c]. **-observers** [Blu10]. **-odd** [LWY10]. **-operators** [JLLY10]. **-optimal** [Mit11b, NP10]. **-optimality** [FMR12]. **-orthogonal** [VS14b, dlCdlRMP14, AMP10]. **-palindromic** [BM14a]. **-parameters**

[JLLY10]. **-paranormal** [DJK12b]. **-partial** [AM13d]. **-partite** [Zha14a, ZWL13]. **-Pascal** [VS11]. **-paths** [QSW14]. **-permanent** [Cra13, dF10]. **-polynomial** [Lee13b, Cer10, MW14a]. **-positive** [MR10c, FGvRR13]. **-positivity** [GK14c]. **-Potapov** [FKR11a]. **-potent** [DCIW12a, CLST14, LRT12, LRT13]. **-Primitivity** [BM14b]. **-properties** [CPV10]. **-property** [Bal10, GTR12]. **-quasiseparable-Vandermonde** [BOZ10]. **-Racah** [BC14a, HWG14, NT10b]. **-radius** [OM14]. **-reducible** [Kar11a]. **-Regular** [GX12a, CSZ10, CR10a, CR10c, MM10a]. **-regularity** [SBM11]. **-replicated** [PYZ14]. **-robustness** [MP13b]. **-root** [Bal12a, Vla12, Bal12b]. **-SDD** [GEP13]. **-seminorms** [GD11a]. **-separation** [AHL+14, vdH14]. **-skew** [LL11a]. **-spectra** [BZ12b]. **-splittings** [JM12b]. **-spread** [OdLdAK10]. **-stability** [Kal13a]. **-stable** [BR14c, BBS12b]. **-Stieltjes** [FKM13]. **-strong** [Car11]. **-submanifolds** [Lim11b]. **-sum** [AKZ13]. **-summing** [SR13b]. **-tensors** [Fri12, DQW13]. **-term** [BKMS12]. **-tetrahedron** [IRT14]. **-th** [TNP12]. **-theory** [CC14]. **-Toeplitz** [GG13, Rim12]. **-transformations** [TG13]. **-trees** [SvdH11, vdH13]. **-tridiagonal** [AMJ14]. **-unconditional** [LM12]. **-variable** [KY14]. **-vectors** [Aga14]. **-vertices** [AdFM11, DdF14]. **-walk-regular** [CvDKP13, DFG10]. **-way** [ZHZF13]. **-weighing** [NP10].

/ [Rhe10].

1 [Bar10b, Grü12, Rhe10, Zha12a]. **1-norm** [LMYY11]. **15th** [Ano10u]. **160pp** [Gle11]. **16th** [BBG+13]. **17th** [BFBD13].

2 [Lim13b]. **2008** [Ano10u, BBD+11]. **2009** [BDK+10]. **2010** [BBG+13]. **2011** [BFBD13]. **2012** [Joh12]. **2nd** [BBD+11, Zha12a].

3-rose [LH13]. **3-transitive** [MW12a].

4 [Rod12a]. **4-Regular** [CLL13a]. **433** [MR14c]. **436** [Duk15, LT16, Vla12]. **437** [Kis15, WZ14c]. **438** [Che14b, KKL13a, LMO16, MR14a]. **439** [DWW14]. **454** [KB14a]. **455** [IS14a]. **458** [Yua15].

7 [Gle11, Tam12]. **70th** [Bai11].

978 [Bar10b, Gle11, Grü12, Lim13b, Rod12a, Tam12, Zha12a]. **978-0-387-40087-7** [Zha12a]. **978-0-387-68276-1** [Zha12a]. **978-0-521-46193-1** [Grü12]. **978-0-521-89881-2** [Lim13b]. **978-0-691-12157-4** [Gar12]. **978-0-691-12889-4** [Rod12a]. **978-0-691-14039-1** [Bar10b]. **978-0-691-14503-7** [Gle11]. **978-1-4614-1098-0** [Tam12]. **978-1-4614-1099-7** [Tam12].

A-m-Isometric [AS12a]. **Abaffy** [MAGR13]. **Abaffy-Broyden-Spedicato** [MAGR13]. **abelian** [BZWL13, Car13, CS13b, DGZ13, DJ14, GL10a, Kuz10, LW12d, WY14b]. **Aberth** [BN13, GN13]. **above** [Pop13a]. **Abraham** [Ano13f]. **Absolute** [Nak10, HW14b, Kra12, LMM11, ST10a, ZHQ13]. **Absolutely** [SR13b, Pel14]. **absorbing** [Nem13]. **abstract** [ACG14, Cam13]. **accelerate** [GOSV12]. **acceleration** [PE13, ZY12b]. **accessibility** [SS10a]. **according** [AM14]. **Accretive** [Nie10, Lin13]. **accretive-dissipative** [Lin13]. **Accurate** [MM10b, KP14b]. **ACI** [BC12c, BC13, BHZ10, HZ11b]. **ACI-matrices** [BC12c, BC13, BHZ10, HZ11b]. **across** [PS12]. **acting** [BM13b, Mer10]. **action**

[BG14b, Che14a, Fis14, WLG12]. **actions** [BDV12, CC14, Lim14, Rod11]. **Acyclic** [NS13, ACDM14, DdF13b, DdF14]. **Aczél** [Mos11]. **adaptive** [Wal11b]. **addition** [Fra12, Liu14b]. **additional** [DS13]. **Additive** [BS11b, xCwXL11, JH10, MD10, PIM+10, CGMS10b, EN11, QCH11, Sun13]. **additive-nilpotency** [Sun13]. **Additivity** [ACG13a, BG13, Wan11a, CGMPSS14]. **ADI** [Jbi10]. **adic** [ZYL10]. **Adin** [Alo14]. **adjacency** [AFLN12, AAF+12, Bap13b, BB10, CCF+12, HO11, HTW13, ST10b, Wil14, XC13, YFW10]. **adjoint** [ADW13, BT13, CN10c, CN11d, DL14, DZ12a, HSZ12, OR12, RS14a, SS11d, SSR13, vBM13]. **adjoint-commuting** [CN10c, CN11d]. **adjointable** [FMWW12, WD10, XCS13]. **adjustment** [GOSV12]. **admissible** [CS13b]. **admit** [AT11, CGMJ14]. **Affine** [BDV12, AY13, AN13, BB13a, BV11, BB11b, Bud11, DS11, Dau12, KLP13, Lee13b, dSP12a, Wal11a]. **affine-linear** [BB13a]. **affinity** [SWA12]. **after** [JMP10, LSR11, tHR13]. **agent** [Sha14a, Zhu11b, ZY14]. **agents** [AIP12]. **aggregation** [PQ12]. **Agler** [BKV14]. **AIC** [HYF14, YiKIS12]. **Aigner** [WZ14a]. **AINV** [Raf14]. **Akiyama** [Rah13]. **Albert** [Zha12a]. **Algebra** [BFBD13, BPRY11, Che14b, DWW14, Duk15, IS14a, KB14a, KKL13a, Kis15, LMO16, LT16, MR14a, MR14c, Vla12, Wik12, Yua15, AKM13, ABK14, BM12a, BCS13a, BR11, BCT14, BC14a, BE10, BM13c, Bre14, BDV12, BM13d, aCCS14, Cas10, CGMS10b, Cen11, CL12b, Cir13, CM14, DKS10, DD10c, DLMZ14, Dub14, EvdD10, Fie11a, FKLT13, GPT14, GST13, GM11a, GM11b, GMS13, IRT14, KSS12, Kla10, Kon13, KdM13, LLR14, Lee13b, MLC+10, Mar13b, MW10, MP13a, MP13b, MP14b, NT12b, Pep11, PTPL10, Ros12a, Ser13, SH13, SLS13, Tra12, TP13, Wil11, Wor13, WZ12, WZ13e, WZ14c, ZW12b, ZZ10, FdC12]. **Algebrability** [Nat13, BGP11, Wód14]. **Algebraic** [BFF+11, BJ10a, Pin11, Yan10b, AJRT14, AHS10, BL12, BJ13, CKS10, Cra13, Das10a, Das13, DS12b, DGZ13, FZ13, FH14, Guo10b, GL10c, GSL11, Guo13, HM10, JLN13, KOJ11, LwCJL11, LGSC14, MZ12c, PLS14, Per14, RJH11, RR12, RMAJ10, Ser11, VS10, WKV10, WT12]. **algebras** [ACGVK14, AM13b, Ago14, AIS14, AAJ12, AKA13, BD12a, BZWL13, BDF11, BGP13, BdlC13, BdlC14, Ben11, BS12b, BG14b, BB14, BM13b, BS11c, BS13a, BS12e, BF14d, BMGMC12, CT14a, CGO10, CCGVO13, CCGR13, CCGO14, CK13a, CLR11, CILL12, CLOK13, CKLO13, CLOR13, CNT12, CM11a, CN10c, CL11b, CdGS12, CMZ10, CIH11, DDF13a, DIP13, DKS10, DH12b, DW12a, DW12b, DW13, ES13, FP14, GZH14, Gha13, GS10c, GTR12, GS10d, GS12e, HW11, Han11a, HP12a, HM14b, HW14c, HZ12a, Ika11, JV10, JQ11, JZ11, JH10, Kaw12, KO13, KRH14, Kim12, KLZ10, KLZ14a, KZ10, LMO16, LL11a, LW12c, LW13a, LLF13, LL11b, LW12d, LNT13, LMMR13a, LMMR13b, MD12a, MD12b, Mar13a, MFGD14, Mar14a, Mar14b, Mol12, Mos13, PY10, PYZ14, PR13a, QH10, QCH11, QH13, RY12a, RRKK12, RM14, SS12b]. **algebras** [Sev13, ŠK10, SM10b, SM12, Sze14b, Tao11, Tao13, TKLX14, TDT13, UW11, WLG11, WC12, WGL12, WWD13, WW13c, Wan14b, WX11, Wei10, Wu13b, WY14b, XW10a, XW10b, XW12, YZ13, YZ10, YZ12b, ZZ11, ZZW10, ZHQ14, ZZ12, ZXZ10, dSeS13]. **algorithm** [BM13a, BBE+10, CFPP13, CILL12, GOSV12, HN10, KY13, KM14, LL13b, LdlP11, LQ11, MSP13, MAM+13, RAAGAVS11, Roh11, SA10, Wal11b, WJ12, XY11, XSS13, ZCQ13]. **algorithmic** [MPS10]. **algorithms** [BSS10, CLX13, Dum13b, Fis14, GNE+14, Gle11, HR11, HB12, Kam10, LMN13, Qua10, Reg13, UV13, Wil13]. **alignment** [YZ12a].

All-derivable [ZZW10, ZZ11, ZZ10, ZZ12, QH10]. **Allan** [Gar10]. **allow** [BDM+12, OS14]. **Almost** [MM10a, BD13, DvDF11, Fid10, HLZ12, Peñ14, PS14b, Wor14, dSW12]. **alternant** [JL12]. **Alternating** [BE10, LKN13, BM14a, BKMS13, BC14c, FHS14a, JJKS11, MMMM10]. **alternative** [Bar12a]. **Aluthge** [BJ10b, HT10b]. **ambiguous** [JMS11]. **among** [FJ14, TL13a, VDVJT13]. **Analogs** [BFdP10]. **analogue** [CJL13, Kra13]. **analogues** [Ern13]. **Analysis** [BFRR14, Dum13b, HJ12, NT14, AS10, BHMR12, Cas13, CQYY13, Est12b, GP13a, GNE+14, GMV11, Güv12, HYF14, Hua13a, HZ14, KG12a, LYS13, Lop11b, Oto12, PPZ14, PS14a, SBM11, SS13b, TH11, XSS13, Gre13]. **Analytic** [AL13c, Nik14, FP11, GMS13, Zha13]. **analyzing** [GHT11]. **ancient** [SS10c]. **Anderson** [PE13]. **Ando** [Lim11a]. **anisotropic** [KG14]. **Annihilator** [LP10]. **Annihilator-preserving** [LP10]. **annihilators** [WZ12, WZ14c]. **Announcement** [Ano12a]. **Anti** [YT13b, BH14b, CCL14, DH12a, KB12, SN14, XSH14]. **anti-commuting** [KB12]. **Anti-diagonals** [YT13b]. **anti-magic** [CCL14]. **anti-norms** [BH14b]. **anti-reflexive** [DH12a]. **anti-topical** [SN14]. **anti-triangular** [XSH14]. **Antichains** [Ghe14a]. **antieigenvalues** [GS10e, Sed11]. **antieigenvectors** [GS10e, Sed11]. **antinegative** [Per11]. **antireflective** [DH10b]. **antiring** [Tan11]. **antirings** [Tan10b]. **antisymmetric** [Jai11, Rub13]. **any** [AGV12, LdlP11, dSP10b, ZHQ14]. **anzahl** [GL14, GLW13]. **apart** [MAS12]. **APOS** [PO10]. **appearing** [FGQ11]. **Appl** [Che14b, DWW14, Duk15, IS14a, KB14a, KKL13a, Kis15, LMO16, LT16, MR14c, Vla12, Wik12, Yua15, MR14a]. **Appl.** [WZ14c]. **application** [Aud10b, Dah12b, DS13, DD11a, Est12b, FMR12, FNY13, FL10, GH13a, GP13a, JJKS11, LQY13, LHZH11, LZL12, LJY13, MLC+10, MSvdD14, Mou12, OM10, VR12, Zha12d]. **application-based** [MLC+10]. **Applications** [Grü12, MOA11, Rei11a, SRdAG10, BL13a, BFH+12, BK12, CTW11, DMMY10, FFS11a, FG13b, GZX14, GLW13, GL14, HTS14, HN10, HZGY12, Jim10, KLS12, KLP12, LRT12, LZ10, LCwCL11, MGLW11, MR11, Mol11, NPP13, Nie13, PM10, Per14, Sah10, Sha13b, SYH14, ySpW12, SS13f, Tia10, Tia11b, Tia12, TT11, WFM11, ZZC14, dFBRS14, dMR12, AM13b, BPRY11, Zha12a]. **Applied** [BFBD13, Gar12, Rod12a, GMH14b, GMRS14, Sag13, SBM11]. **approach** [AFHP14, BDD13, BMS10, BOZ10, BOZ11a, BOZ11b, Böt13, BBS12a, CA10, Ern13, FDS13, Fuh10a, GHMPVP11, KMNS12, KKLY14, Liu13, MPS10, MR14b, NP13a, Nem13, PKR12, RRM11, RR12, SHZ10, Sto12, TD11, VS13, Wan14a, ZYL10, Zha13]. **approaches** [TmYsH11]. **Approximate** [Ano12a, KH13, KPRT14, BDD13, CP11, GB13, LPK14]. **approximately** [Wój14a]. **Approximating** [SCS11]. **approximation** [AGNS11, BV12a, BGK13, BV13b, CAV13, CN11e, DS13, DD11b, DBZZ14, LB14, fLyH11, OT10, yPjXL11, Reg13, SA10, SR12, SC10, Zha12d]. **approximations** [DZ12a, GO13, LS14, Ney11, Pin12]. **Araki** [Aud13a]. **arbitrarily** [Tra13]. **arbitrary** [BCS13a, BJZ12, Bot10b, Bot12, CSC13, Car11, FKW13, GS11a, GS12a, GS13b, Ma11, MGSW14, dSP10c, dSP12c, RS14b, WZL13, Wu10b]. **Arc** [Kuz10]. **Arc-transitive** [Kuz10]. **arcs** [YW11]. **arise** [GLS13a]. **arising** [BTYZ12, CL13b, DKOT12, DBZZ14, GL10c, Jim10, Pan11, RR14, SK14, Shi12a, Wik11, Wik12, Wu13a]. **arithmetic** [KLL11, MPSS10, ST10b, WLL14, Yam13, BT11c].

arithmetic-geometric [Yam13, BT11c]. **ARMAX** [KM14]. **Arnold** [Zha12a, LV14]. **Arnoldi** [LBLS12, MV12]. **arrangement** [CGW14]. **arrangements** [Buj13]. **array** [BH13b]. **arrays** [AMPT13, BH12, CC10, He11, LMMS12, OT10, ZHZF13, Ter14]. **Artin** [FP13]. **Arveson** [Far11a]. **ascent** [DDK14, GW14a]. **aspect** [CK13d, NR10]. **aspects** [CvDKP13]. **asset** [DBZZ14]. **assignability** [KBS13]. **Assignment** [LPK14, BCY12, MD13, WZ13b]. **associated** [AKN12, ARZ11, BBdH13, BC12a, BCF12, CH11, CN12b, CN13a, FDS13, FKR11b, FKR12, Guo13, HHMS10, He11, HKPR13, HNZ12, HHLS14, JKN14, KHG14, Kim13d, fLyH11, LLMZ12, MS14a, San10, dFBRS14]. **Association** [GH13a, GH13b, GZX14, WLGM11, MGLW11, MW14a]. **associative** [Ago14, BS12e, FP14, WC12]. **assumptions** [DLNN14]. **Asymmetric** [JW13, BRZ11, BR10]. **Asymptotic** [CvDKL10, FF10, FV13b, HHT13, Tre11, VS10, VV13, Dum13a, GB13, GZ12, GM11a, Jun12]. **Asymptotically** [Lan14]. **asymptotics** [BT14a, BMM12]. **atoms** [BBH+12]. **attaining** [FCL10, SM13]. **attainment** [SP13]. **attraction** [Ser11, SCSS10]. **augmentation** [KOJ11, PQ12]. **augmented** [PPZ14]. **August** [BDK+10]. **authorities** [BEK13]. **AutoGraphiX** [Ste10]. **automata** [KKS12]. **automated** [AH10]. **Automorphism** [ÁvW11, GST13, HK13, LMW12]. **automorphisms** [DH12b, GS12e, Mol11, WMZ14]. **autonomous** [BM10]. **Average** [PS14a, Sha14a, BMW10, GHMPVP11, KL13b]. **averages** [BJ11, PP11b]. **Axiom** [JS13a]. **Axiomatic** [LM10b]. **Axiomatization** [XWD13].

back [HB12]. **backward** [AA11, CLCL12, GJTP13, HZ14]. **Bade** [AGPPF12]. **Bakonyi** [Rod12a]. **Balance** [KG12a]. **balanced** [Cha12, GO13, Güv12, HLP12]. **Balancedness** [Bel14]. **Ball** [MM10b, ST12]. **balls** [FKR12]. **Banach** [AF12, BR11, BDFP11, BMGMC12, CGMS10b, DP10, DX13, ES13, For14, GD11a, HZ11a, Hua11a, HZGY12, HZJ12, JZ11, Kec13, LL11a, LMM11, LM12, LT13, MM13, Mos13, PR13a, QH10, SH13, SM12, WC12, YW10, ZW12b, ZHQ14]. **Banachiewicz** [CGMS10a]. **band** [Sei14]. **band-dominated** [Sei14]. **Banded** [Irv12, Ang13, Hua12b, SC13]. **banks** [MZ12c]. **Bannai** [HWG13]. **Bannai/Ito** [HWG13]. **Bapat** [Sat14]. **bar** [AY13]. **Barabanov** [Mor10]. **Barbour** [Nak13]. **Barel** [Gem10]. **barrier** [XSS13]. **Barry** [Zha12a]. **Bart** [Ano13d, Ano13e]. **Bartholdi** [MS14b, SS13a]. **Bas** [Lim13b]. **base** [CL10b, Din11, WLHL10, YW11]. **based** [BT10, BFS11, BB10, CH12, CFJKS13, CM12a, CNPP12, CS10b, Dah12b, FS11, GH13a, GH13b, GZX14, GH11, Ika11, IPFD13, IIK+13, KOR14, KMS13, LL10d, LL14b, MLC+10, MR14b, RJH11, SHZ10, DDP14, WAH13, WMZ14, wXL14]. **Bases** [BG11, ySpW11, Tan14a, BPDC14, KP13, KS11a, LM12, LLH10, Mel14, MSS14, PT14, ySpW14, YS13]. **Basic** [SW11, Tam12, FH10a, FH12b, FH13, FH14]. **basics** [BS10]. **basis** [AL13a, BM12a, CJR11, GN13, GK14a, MM10c, Ros12a, Wu10b]. **bath** [DGU14]. **Baxter** [Kaw13]. **be** [FW14b, OS14]. **behavior** [Dum13a, HHT13, PE13, RR11]. **behaviors** [NT11a, Pol12, ZHQ14]. **behaviour** [VV13]. **being** [DHLX12]. **Bell** [BHAP12]. **Bellman** [MMM13]. **belong** [dSP12d]. **below** [MQ11, dSP12a, Pop13a, TD13]. **Berger** [Koz14a]. **Berlekamp** [KY13]. **Berlekamp/Massey** [KY13]. **Berman** [Ano13f]. **Bernoulli** [CD14]. **Bernstein**

[Bar10b, Aud12, MM10c, Sla10]. **Best** [AGNS11, BV13b, Pin12, SC10]. **beta** [ANF11, BRA11, DGJ10]. **Bethe** [RJ10, RJ11]. **between** [ÁvW13, AH13b, BV12b, BAD09, CFJKS13, CN10a, CN10c, DXG12, DMMY10, DdC13, HRT13, KR10, LRT13, LT11b, MZ12a, MM13, Pit11, RW10, SB11]. **betweenness** [Aud13b]. **beyond** [Suz13]. **Bezout** [IW13, Hua12a]. **Bezoutian** [Wu10b]. **Bezoutians** [ER13, Ros12c]. **BFGS** [EM12]. **Bhatia** [Dru12a]. **Bhattacharyya** [Wat13]. **bi** [WML13]. **bi-regular** [WML13]. **bialgebra** [Kaw12]. **bialgebras** [Kaw13]. **bialternate** [EM11]. **Bias** [YiKIS12, HYF14]. **Bias-corrected** [YiKIS12]. **bicircular** [Ili10b]. **Bicyclic** [WZY14, YFW13, HJLS11, LS12b, LZ14, LL10e, XZ13b, ZZ13]. **Biderivations** [DW13, Gho13]. **Bidiagonal** [HL11c, Hua13b]. **Bijective** [LT10a, Per11]. **Bilinear** [KLZ14a, AIS14, ABEV10, DFS12, FV13a, GK11, KKLY14, Mar13b, RO10, Sim10, Sze14a, WFM11]. **Billiard** [Ter14]. **bimatrix** [ANF11, BRA11, DGJ10]. **binary** [CDM12, KS13a, LM10a, Wu13a]. **Binet** [Kni14, Kon13]. **Bini** [Lim11a]. **biography** [BELK12]. **biorthogonal** [HL11e]. **bipartite** [Alt13, BG14a, COvdD10, CFK$^+$10b, CKST11, DC13, DC14, FTA11, GM14, Han14b, HW14c, HWG14, HLS11, HJLS11, KS13b, KS14c, LwW14, LSC11, Mey12, NP12, Row14b, SS13a, SSGL10, Ste11]. **Bipartiteness** [FF12]. **bipartition** [LY11b]. **bipolar** [Bha13]. **biregular** [BB11b, Fio12]. **Birkhoff** [ACDM14, AR12, CP11, CM10b, GS10a]. **birthday** [Bai11]. **bisection** [UZ14]. **Biswa** [BPRY11]. **bisymmetric** [DH10a, YWX13]. **bit** [ALPV14, MSP13]. **bit-flipping** [MSP13]. **bivariate** [Bal14, BL10a, Hen10]. **Black** [BGK13]. **Blakley** [Pat12a]. **Block** [BDG13, HSS10, RV13, BB13b, BTYZ12, BLL12, CFPP13, CH11, DW11, DMS10, DK13e, Gar13, GK12, HSS14, Hua13a, KS14b, Koz14b, KKM13, KM13b, Lin14b, LHZH11, MS11a, Mos13, NT14, Rub13, TGS14, XSH14, Yan14, Zha14b, ZBW12]. **block-circulant** [BTYZ12, CFPP13]. **block-matrices** [BLL12]. **block-operator** [DW11]. **Block-oriented** [HSS10]. **blockcyclic** [KN13a]. **blocks** [BC12b, BLL13, GC12, Zha14b]. **Board** [Ano13a, Ano13b, Ano13c, Ano14a, Ano14b, Ano14c, Ano14d, Ano14e, Ano14f, Ano14g, Ano14h]. **Bohnenblust** [NA13, SR13c]. **Bohr** [MMA11]. **Bol** [HP12a]. **Bonan** [BDK11]. **Book** [Gre13, Rod12a, Tam12, Zha12a]. **Boolean** [AK11, Bea12, Bre14, BRLS12, CK14, Kim11a, Kim13a, LaG12, LT10a, LT11b, Shi13]. **border** [Fri13]. **both** [FKR11b, FKR12]. **Botha** [KN13c]. **Bott** [ACG14]. **Böttcher** [Lu12]. **bound** [AHS10, Cha10, CGR14, CTG13, DTS11, DTL11, FCL10, Grc10, GR10, GCY14, HW14b, JMS11, Kim11a, KP12, MY14, Pat10, RJH11, RMAJ10, RL13b, Zim13]. **boundary** [jASZ12, jAS13, CN11a, FN11, HSZ12, vBM13]. **Bounded** [GMMFPSS12, lH10a, lH11b, And13, BJ10a, BHZ10, Cau11, Dom13, JRMFSS12, LT12b, LT16, Lim10, MQ11, dSP12a, Pep12, Pop13a, WY13]. **boundedness** [TD13]. **Bounding** [ZL11, AFHP14]. **Bounds** [ACG$^+$11, AK12a, BT14a, BMN$^+$13a, BL10a, BK12, GH11, HL10a, LWV12, LL14b, MNZ10, OdLdAK10, Pep12, Ruk14, Zhu11a, AGM14, AdF11, AdFST11, AP14, Aud10b, BB10, BHKM13, BL11, BdS10, BS13b, xCwXL11, CR10a, CGTR14, Cha12, CW10, CLS13, CFL13b, Dai11, DLS14, DHC12, DZ12c, DZ13, FTA11, FH12c, GEP10, GEP13, GJTP13, GO13, GLS13b, HJZ13, Jai11, tLyLWqW10, LCZ10, LMYY11, MZ10, MNZ12, MA10b, PJ13, Psa12, Rad10, RJ10, SK13, SBMT10,

SWT13, DDP14, TC13, Wal14, WXH10a, WL10a, WA10, WZL12, XX14, XZ14, YZ12a, YWS11a, ZLW12, ZCWZ13, Zhu10b]. **box** [BGK13]. **Boyle** [Laf12]. **branch** [CK13b]. **Brauer** [HT14]. **Braunschweig** [BFBD13]. **brickwork** [Böt13]. **Bridges** [Kra13]. **Brioschi** [JL12]. **Broyden** [MAGR13]. **Brualdi** [Dru12b, HT14]. **Bruce** [Joh12]. **Bruhat** [BF14a, CDM12, Ghe14b]. **Brunovsky** [BBdH12]. **BTTB** [LZ11a]. **Bunch** [HLZP13]. **Bürmann** [Ma10a, TX12].

C [BELK12, Zha12a]. **Cabri** [Kla10]. **cacti** [BNP12, LZ12b, PAS11b, RRM11, XZ13c]. **calculating** [Tia12]. **calculation** [FS11, JT11b]. **calculus** [Cas13]. **Callebaut** [MMA12]. **Cambridge** [Grü12, Lim13b]. **can** [Cha13a, FW14b, Tra13]. **Cancún** [Ano10u]. **CANDECOMP** [ZHZF13]. **CANDECOMP/PARAFAC** [ZHZF13]. **Canonical** [BBdH13, KB12, CT11a, CKAC14, FHS11, HSZ12, HYF14, NSC13, Oto12, Rad13]. **Cao** [ZC14]. **Carathéodory** [CH11, FKR11b]. **cardinality** [KP13, ySpW14]. **cardinals** [CGMPSS14]. **Carlson** [DS12c, LL13b]. **Cartan** [RAAGAVS11, dlCdlRMP14]. **Cartier** [FP13]. **case** [BBdH12, BCŠ10, BC12b, CPH11, CT11b, Dor10, Fid10, Mat13a, PS14a, SCS11, Sko11, TZ12a]. **cases** [FKR11b, FKR12]. **Cassels** [Nie10]. **Catalan** [WZ14a, CMS12a, He13, SS10e]. **Category** [DLMZ14]. **caterpillars** [RMAJ10, Roj11]. **Cauchy** [BFdP10, FT10, Fie10, JK13, Kni14, Kon13, Sch10]. **Cauchy-type** [Sch10]. **Cayley** [AKN12, BH14a, BKV14, BBS12a, CGW14, DJ14, FFS11b, FTZ12, GL10a, HFS13, Hwa11, Hwa12, KAMS11, KM12, MSvW12, O'D14, Sch11]. **cell** [KAAK11]. **cells** [GRdS12]. **Center** [WZ12, WZ14c, XWD13]. **center-of-gravity** [XWD13]. **central** [CL11b, Slo12a]. **Centraliser** [AAK+14]. **centralizer** [GS13b]. **Centralizers** [ZZC14, DGKO13, GS12a]. **Centralizing** [Liu14a, LW12c]. **centro** [Wik11, Wik12]. **centro-invertible** [Wik11, Wik12]. **century** [Abe11]. **certain** [AM13c, ÁNPQ12, Boj13, BS11c, COvdD10, CGW14, CJ14, DU14, FMR12, He14, Hia13, Hua13b, Jim10, LL10a, MM10a, MR12, MS12, Siv13, Sra13, XSZ13, dCF12]. **Ceva** [CH13]. **Chain** [RM14, BLLX11, CLR11, CDM12, Hun14, Kir10, Kir14, LS12c, Wu10b, dF10]. **chained** [HZ10]. **chains** [Cas13, Din11, DGU14, Ghe14b, Góm10, Hun10, MA10b, Nem13, PR10, Puł11, Rhe10, RS12c, Sku13, TL13a]. **change** [BBdH12, GS11b]. **chaotic** [VR12]. **Chapman** [Vse12]. **character** [Kra12]. **Characteristic** [AW13c, HP11, Lav10, VW10b, AIS14, BBC+14, BMS10, BC14b, BDOvdD12, CCGR13, Cen11, EV11, FDS13, GX12b, GMT13, GW11, GWZ13, HLW14, HT10a, MMP13a, dSP10d, QY12, SS13f, WLLX11, WML13]. **characteristics** [MMRR12]. **Characterization** [ABBO11, Bal10, BC13, KNS14, KM13b, LSR11, MW10, MD12c, QH13, Tre10, Tre12, VS13, ALRV12, AF12, BV13a, BBS12b, BZ12a, CHY11, CHY12, GW13b, Han11b, Han13b, Han14b, Kho12, KK14, Kum11, LZ10, LwW14, LS12b, LHW11, LW12e, LHWL12, LH13, LHL13, LX13, NS12c, NS12b, Per12, PE13, RM10, Spe11, WZL13, XWS12]. **Characterizations** [BP12, BR11, CRU10, Den11, HLS10, JQ11, LRT12, LJ10, QH10, TW11a, DX13, FFK11, KR12, KK10, KK12, KK13, Ste11, WB12]. **characterized** [Che14a, Lu11]. **characterizes** [SS10a]. **Characterizing** [DFG10, FHRT14, QCH11, ZHQ14, LZ13, GMMFPSS12]. **charges** [OM12]. **Charles** [Gar12]. **Chebyshev** [Coh14, ES11, PT14, ST12]. **Chemnitz** [Bar13b]. **chicken** [RM14]. **Chief** [Ano11z, Bru11, Bru13, Bru14]. **Chiò**

[Abe14]. **Choi** [Fur11, Ha13]. **Choice** [Tra13]. **Cholesky** [BM13a, HHT13]. **chordal** [Kak10, MNZ12, SM13]. **chordal-structured** [Kak10]. **Chromatic** [AAJ12, YWS11b]. **circle** [BR12, DW10, RL13a]. **circuits** [SS10b]. **Circulant** [CSAC10, CSAC11, CFLW13, PZVJ11, BP10, BTYZ12, CFPP13, DGMS14, Ili10a, LS12a, MP13b, MS14c, RE11, SS11b, Sbu10, SA14, TW14, VW10b, Wil14, EGR12]. **circulant-Hankel** [MS14c]. **circulants** [Mey12]. **Circular** [MSP11]. **class** [AS12b, ANP13, BT13, BK12, CT11a, Cho13, CDM12, DL14, DH12b, Dra12b, DJK12b, DJK12a, DK13e, FMR12, KL13a, Kho12, KS13a, KJK13, LRST10, LW13a, MW14a, ND11, NSC13, RR14, Sag11, ŠŠ11e, TZ13a, TmYsH11, WGL12]. **Classes** [MS13a, BD12b, CRSS14, Car13, Dah12a, Dra14, FM11b, FV13b, FG13c, FJ14, GS11a, GN14, JNS13, Kau12, Kus13, LRT13, LGSC14, MMRR11, NdM13, NPP13, PdFDV14, RRKK12, SCS11, Sev13, SYH14, WW13d]. **Classical** [CN11d, Ada14, BR14b, CN11c, CN10c, FG13c, GL14, KSS12, VS13, VS14b, WLGM11]. **Classification** [BS13a, BB11b, CLOK13, Cir14, Dub14, LMO16, PC10, Rom14, ŠK10, DK13a, Bud11, CK13a, CILL12, FRS14, GWH13, HWG13, wH12, INT11, KO13, KRH14, PS14b, RO10, RS12c, SSS13, Sku13, dOHKS12, AAT12a, Wag11]. **Classifying** [Ago14]. **claws** [Ban13a]. **clean** [BCDM13]. **cleanness** [TZ12b]. **clique** [AAJ12, DL13, GLS12, HJZ13, Lav10, ZHG13]. **cliques** [MR12, RM10]. **Close** [Car10b]. **closed** [BEM12b, CN12c, DX13, Fra12, HZ11a, Hua11a, Kau12, KR10, Liu14b, Net10, dSP11b, SR13c, Sha11]. **closest** [Köh14]. **closure** [Bar10a, Bar13a, DDK14]. **closures** [BG11]. **cloth** [Gar12]. **cluster** [Sev13]. **Clustering** [SCSS10]. **CMV** [BOZ11b, BOZ11a]. **co** [ACM+12]. **co-neighbor** [ACM+12]. **coalesced** [RW10]. **coalescence** [ABBO11]. **Coalescing** [DP12a]. **Coalitional** [Cec10]. **cocharacter** [CM14]. **cocyclic** [ÁAFG12]. **code** [LSV12]. **codes** [AAK+14, ANP13, CNPP12, CGM+10, CT14b, La 14, LSV12, PC10, TS12, Wu13a, dSC14]. **Codimension** [DKS13b]. **coding** [FFS11a]. **coefficient** [Bos11, HLP12, Kir14]. **coefficients** [BHAP12, DKOT12, HL11a, Hwa11, LTS13, LY11b, MK12, QY12, Sev13, wTmS12, wTlW13, VS14b, ZZ13]. **cogenerator** [BO12]. **Cohen** [Cam13]. **coherent** [HW14b]. **cohomology** [CT14a]. **Coimbra** [Ano12-30]. **coincide** [tHR13]. **coincidences** [Pel14]. **cokernel** [BCD10]. **Colin** [GB11, Gol13]. **collections** [DKM+14]. **Collocation** [JK13]. **color** [MD12b]. **colored** [Kal13b]. **colorings** [Moh10]. **column** [AAM12, BBdH12, BBdH13, Bar12b, CC10, Dod13, HS12b, PP12b]. **column-** [PP12b]. **column-finite** [HS12b]. **column-majorization** [AAM12]. **columns** [PS12]. **comaximal** [DTL11]. **combination** [Kis15, dSP10b, XX12]. **combinations** [DCIW12a, DCIW12b, JMP13, KCID12, dSP10c, RJ11, SH13, SS10e, ZW12b]. **Combinatorial** [BMS10, FFK11, BBS12a, CD14, CNT12, Cha13a, Für10a, KKLY14, LaG13, Rah13]. **Combined** [FM11b, Blö12]. **Combining** [GOSV12, Reh11]. **coming** [WLGM11]. **Comment** [XLG+13]. **Comments** [WY14a]. **Common** [Bou13, WW10, MM12, RSS10, SLS13]. **communicability** [Est12a]. **communication** [DS12b, RvS13]. **commutant** [MM12]. **commutative** [AKN12, AKA13, CRS14, DCIW12b, HTS14, Lak10b, Mar14b, MMA12, Seo13, ySpW14, Tan14a, Tan14b, Tre12, dO12]. **commutativity** [DLNN14, DK14, GN14, LHL12, LL10b, Liu14b, LSH12]. **Commutator** [GH12, KN10, BDF11,

CFL13a, FLC11, Kha13, Lan10b, WA10]. **Commutators** [Bie14, CVW10, EV11, Aud10b, FCL10, GB13, HK10, KLS12, OR12]. **Commute** [BRZ11, HMS13, Kis15, Ogu13, XX12]. **commutes** [FMM13]. **Commuting** [DO11a, DW12a, Fra12, Fra13, XW10a, BC12a, Bou13, CN10c, CN11d, Hwa12, KSS12, KY14, KB12, LD12, Mig13, NS14, Pet10, Sar14, Siv12b, Siv12a, TZ13b, dOHKS12]. **Compact** [LT13, AK12b, BV13b, GP14, SM10b, TT12]. **compactly** [GHMPVP11]. **Compactness** [MN12b, DDK14]. **Companion** [EKSV14, MR11, BBE+10, DDM12, Gau10, GS10d, GS12c, GS12d, LD11, MZ13, Mac13, Pat12b, DDP13, DDP14]. **comparing** [WNM13]. **Comparison** [DXG12, HTS14, BSKL13, BBM14, EvdD10, GEP10]. **compensators** [BO12]. **competition** [Kim10, Kim11a, KP12, Kim13a]. **complement** [BBF+12, DW11, DC13, LHZH11, LZL12, Mit11a, Ney11, SvdH11]. **complementarity** [AS10, Bal10, CPV10, Dai11, GEP10, GEP13, JV11, SVP11, wXL14]. **complementary** [ACM14, FH10a, FH12b, FH13, FH14]. **complementation** [DV10, GLS13a, Tra12]. **complements** [Ago14, BEV13, FZW11, GS10c, HL10b, LW12b, LH10b, NY13, RTR10, Row12b, Row14b, Row14d, SC12, ZH11b, vdH13]. **completable** [HJN12]. **Complete** [HLS11, JZ14, BCS13a, CFK+10b, CI10, FGS11, HTS14, HP11, Kuz10, PHS13, Raf14, Row14b, Sin10a, Zha14a, ZWL13]. **Completely** [BS12c, BP11, LT12b, LT16, SS13d, Aud12, BAD09, DA10, GST13, HKPR13, HH11b, Lin14a, Tao13, BSU14]. **completely-Q** [Tao13]. **Completion** [Dod13, MS10b, BCŠ10, BC12b, Dod10, DS14, JJKS11, JW13, KBS13, KKR11, LV14, SS11a]. **Completions** [Rod12a, BW11, BHZ10, CH11, HZ11b, HZ12b, MQ11, MQ13, Rub13, dSW12]. **Complex** [DGJ10, GKL11, HS12a, JS13a, Pry10, Szö13, ANF11, BB13d, BGP13, BG12b, BW13a, Buj13, Byd10, CILL12, CK13c, FP14, GPT12, GPR13, GP13b, Ikr10, Kar11a, Kar11b, KK14, LRT13, LNT13, MZ11, MARC13, Mat13a, NV12, Ref12, SH13, dlCdlRMP14]. **complexity** [DS12b, KKL10, Shi13]. **component** [TH11]. **Components** [JZZ13, ABBO11, LSR11, RW10]. **Componentwise** [Hua13a, HZ14, Miy14, LWY14]. **composite** [ZXX13]. **composition** [LL11a]. **compositions** [AM14]. **compound** [Bap13a]. **compressed** [ALPV14, DPF10, KG14]. **compression** [MZ12b]. **Compressions** [ADW13, RS12b]. **compressive** [PS14a]. **compressors** [BS11b]. **Computable** [BdS10]. **computation** [BHAP12, KD12, SPKS12, TD11]. **Computational** [HS12c, NR10]. **Computations** [Gem10, HWSH13, MM10b, PIM+10, PQZC11, PS14b, SE13]. **Computer** [CS11]. **Computing** [BBH+12, BI13, FHS14b, KG12b, ST12, BGV12, BMS10, Fis14, LJY13, MV12, MP14a, RBP12, Roh11, Row12a, Sha14b, Uhl13, WJT13]. **concave** [Aud13a, FGQ11]. **Concavity** [Hia13, Nie11]. **concept** [PO10]. **concerning** [Bap10, BG12b, He14, LGZ14]. **concise** [Rho10]. **condensed** [BD13, Ji12a]. **Condition** [DDP13, AAK11, AL13a, AHAPP10, Alt13, BB13c, DH10b, Gar13, LJ11, LWY14, LS12d, XD12]. **conditions** [jAS13, CHK+13, EGR12, FN11, FS14b, HSZ12, Hu10, JKN14, LLD13, Nak12, Sha13a, ZHZF13, vBM13]. **Cone** [Kus12, Nie12, AV12, BB13c, DDGH13, FW14b, GST13, Hil12a, ISYY11, Jun12, Lim14, LTX14, NN10, Pro10, Sko11, WXH10b]. **Cone-theoretic** [Kus12]. **Cones** [Sko11,

AGK11, AL13b, Bar12a, BZ12a, CPH11, CFL13b, JV11, JSS13, KL13b, LT10b, LXK12, RSS10, San10, Ser11, TG13, VS10]. **Conference** [Ano10u, BBD+11, BBG+13, BFBD13]. **configuration** [AFLN12]. **configurations** [FW14b, HW14b]. **confluent** [KS14b]. **congruent** [Ikr10]. **Conics** [Wu13a, Mir10]. **conjecture** [Bap10, BBF+12, CH12, CW12a, Cho13, Das11, Drn13a, Dru11, Dru12b, EGR12, GS12a, GC12, GKR13, He14, HJLS11, LYL13, LL14c, Mig13, Mit11a, NT10b, YY14a, YHY14, ZW12a, Zha13, ZC14, Dru13, Yan11]. **Conjectures** [Das10a, AH10, CHZ13, Das10b, Das13, HL10a, Hil14c, JNS13, Ste10]. **Conjugacies** [BV12b]. **conjugacy** [BB11b, Dau12, FG13c]. **conjugation** [Mat13b]. **Connected** [CT11b, LM10a, SBMT10, CH14, CK14, HY14, LS12b, MY14, PAS11a, ZLW12]. **connectedness** [UZ14]. **connecting** [GLP+13]. **connection** [Bar13b, BR14b, RJH11]. **connection-graph-stability** [RJH11]. **connections** [DK13a]. **connectivity** [AJRT14, AHS10, BL12, Cio10a, Cio10b, Das10a, Das13, Guo10b, GSL11, KOJ11, LGSC14, LLT13, RJH11, RMAJ10, RL13b, Row14d, WKV10, WT12, YFW10]. **Connes'** [HH12a]. **consecutive** [CY11, EWY12]. **Consensus** [ZY14, AIP12, Est12b, Sha14a, Zhu11b]. **consequences** [AJ13, DK13a, MMK13]. **consistency** [FDS13]. **Consistent** [HC14]. **conspecific** [AIP12]. **constant** [Cir14, FM11a, FP13, Koz10, LL10a, MQ14, RS12a, RS14b]. **constantly** [MO14]. **constants** [AP14, BT14a, BRZ13, BR14d, NA13, SR13c]. **constrained** [Byd10, CMRR13, Dai12, KBS13, yPjXL11, SA10, TH11]. **constraint** [HMR12, SS13b]. **constraints** [Cim11, DS13, Koz14b, MR10a]. **constructed** [BM12a, CLST14]. **constructible** [CL14b]. **Constructing** [ES14, HRW99, JM12a, MAM+13, Wad14]. **Construction** [CN11b, HL11e, KRvS14, MS13c, PP11a, PO10, ABBO11, BW13a, CMNW14, CNPP12, HNZ12, IPFD13, JNS13, VS13]. **Constructions** [GOvdD12, ZXX13, CGM+10]. **constructive** [Laf12]. **contained** [GL10b, KK14]. **containing** [BS12e, HLW10a, MAGR13, Ros12a, Ziv12]. **continued** [GWZ13]. **continuing** [Mac13]. **continuity** [GMMFPSS12, Pep11]. **Continuous** [ZWZ10, BS14, CI14, GG13, JLW11, KKS12, LT13, LTX14]. **contraction** [AT14b, GW10, Li10]. **Contractions** [Pop14, BV12b, DJK12b, DJK12a, MS14a]. **Contractive** [KS14a, BDS13]. **contribution** [Nik10a]. **Contributions** [BPRY11]. **control** [NT11a]. **Controllability** [FS14a, KRvS12, ST13]. **controllable** [BBdH12, BBdH13]. **controlled** [GV11]. **controllers** [KBS13, Per12]. **conventional** [Aud10a, JLW11]. **converge** [PPK13]. **Convergence** [GMV11, GL10c, Jar12, KKR11, SK14, XSS13, ZCQ13, BJ13, CQYY13, DYW14, DZ12a, FS14b, GOSV12, LKN13, Pry10, Sku13, TMSS14, Yan10b]. **convergent** [BGP11, CC12, LJY13, Reg13]. **conversion** [BSS10]. **Convex** [AL13b, MO14, San10, SMC11, Aud13a, Bar12a, BH11a, Dra12a, OT12, PCC12, Rez13, Wei11, Zha14c]. **Convexity** [Nor11, Alt13, CN13c, Hen10, MPP11, NS11c, WZ14a, WA10]. **convolutional** [ANP13, CNPP12, PC10, La 14]. **coordinated** [KRvS12, KRvS14]. **copositive** [DDGH13, Hil12a, Hil14b, JV10, Qi13, XY11]. **coprime** [TL13a]. **Corach** [CMS12b]. **core** [RDD14]. **Cored** [HQS13].

corepresentations [Dor10]. **cores** [BSST13]. **Corinth** [SS10c]. **corollaries** [Hil13]. **corona** [CRS14]. **coronae** [CT12, LL13c, MM11b]. **corrected** [YiKIS12]. **correcting** [LHG10]. **correction** [HYF14]. **correlation** [Cha14, DBZZ14, HH12a, HYF14, Oto12, SA10]. **corresponding** [AK11]. **Corrigendum** [Che14b, DWW14, Duk15, IS14a, KB14a, Kis15, LMO16, LT16, MR14a, MR14c, Wik12, WZ14c, Yua15]. **cosine** [LdS13]. **cosparse** [GNE+14]. **cospectral** [BZW14]. **Cospectrality** [AO14]. **countable** [Car11]. **counterexample** [Dru11]. **Counterexamples** [AH13b, CL14a]. **counterpart** [FLS10]. **counterparts** [MO14]. **Counting** [AG12, GM12, Shp10]. **counts** [DKS13b, MW14c]. **coupled** [AS10, BS13a, DH10a]. **coupling** [Tim14, tHR13]. **couplings** [dSW12]. **covariance** [CFPP13, Güv12]. **cover** [Sin10c, TF10]. **coverage** [ACM14]. **Covering** [KN13a, KN13b, NCdS14, SS13a, Suz13, dSC14]. **coverings** [CS13b]. **covers** [CJ12, Kuz10, MM10a]. **Coxeter** [Lak10a, PS14b, Sim10]. **cp** [BSU14]. **cp-rank** [BSU14]. **CPCA** [TH11]. **Craig** [Car10b, ZY12a]. **Cramer** [Ji12a]. **Crawford** [Uhl13, WWG10]. **credit** [VV13, Vas14]. **Criteria** [Mor10, Dai13, Lim11a]. **criterion** [Far11a, FFG+11, Gna12, KL12, LJ12]. **Critical** [CN12b, YHH12, AK12a, CV13, FdCR10, GLZ14, GKR13, JLW11, MPS10, PS14b]. **cross** [LJ12, OT10, Sav14]. **cross-validation** [LJ12]. **crosspolytope** [HLW10a]. **Crouzeix** [Cho13, GC12]. **cryptography** [Cha13b]. **cube** [HMP+11]. **cubelike** [CG11]. **cubic** [He14, LHL13, Row14a]. **Curriculum** [Ano13d]. **curvature** [Cir14]. **curve** [TZ12a, XW11]. **curves** [ABGPSS14, Buc10, CM12b, CN12b, FP13, HK13, KK10, OZ10]. **Cut** [ST10b, GX12c, Row12a, WF10, Zhu10a, Zhu11a]. **Cut-and-paste** [ST10b]. **cut-points** [GX12c]. **cut-vertex** [Row12a]. **cutsets** [BMN+13a]. **Cvetkovic** [GRS+11, GRS+10]. **Cycle** [BB11a, DF14, GK14a, LS12c]. **Cycles** [dOFK+13, AJRT14, ABS14, Mir10, MSvdD14, Nik10b, QSW14, RRM11, Yua14, Yua15]. **Cyclic** [Kec13, SS10a, CN13a, CN13b, DK12b, GLS10, JPS13, KZ11, LL11c, LMT10, NCdS14, TL13b]. **Cyclotomic** [Gre12, BHKM13]. **cylinders** [KK10].

D [CNPP12]. **Dai** [BBGM12]. **d'algébre** [Cas10]. **Danny** [BELK12]. **Darboux** [CGMPSS14, DD11b, Nat13]. **Darboux-like** [CGMPSS14, Nat13]. **data** [DS13, KD12, MS13c, Wei13b]. **Datta** [BPRY11]. **deblurring** [FN11]. **Decay** [BB14, EY13, CSV14]. **decisions** [DT10]. **Decomposable** [FdCR10]. **decomposing** [dSP10b]. **Decomposition** [AR10, UW11, BFRR14, BH12, BL13a, Bha13, BLL12, BCMT10, CC10, CKAC14, CM10a, DoMP09, DMP11, Duk12, Duk15, GL12b, GMP13, Güv12, Kak10, Kim11b, KKB11, LKN13, Liu13, MM11a, MPP10, Pag12, Pon11, Rho10, Sar14, Seg14, SWA12, ZHZF13]. **Decompositions** [BKM+13, AS12b, BKV14, CM11b, FRS14, GMS12, KNS14, KR12, SC13]. **decreasing** [CGTR14]. **Dedekind** [Ens10]. **Dedication** [Ano12b, Bai11]. **Defect** [GW10, Tad12, Ban13b, BDS13, Rud12, WW13d]. **defective** [ABBO11]. **defined** [DV14, Kaw12, Lak10a]. **definite** [AAT12a, AHAPP10, BH14a, BI13, BCS13b, BLL12, BL14, CM12a, FKM13, Fuj10, HP12b, ISYY11, KKB11, LLY11, LL13b, LLB13, Lim11b, Lim12, Lim14, MY14, Mol11, NV10, PP14, QS14, Yam13, vdW14]. **definiteness** [GR12, HS12c, SH10]. **Definition** [BPDC14, Qui11]. **deflate**

[Mei13]. **Deflating** [TGM11]. **deformations** [DFS12, DFS14]. **deformed** [Han11a]. **degenerate** [FKR11b, FKR12, GK11, Mar13b]. **degenerations** [CKLO13]. **degree** [AW13b, BMSW10, BZ12b, CH14, Ere13, Hil13, HK13, LLS11, LL10e, LL11c, aLwW13, MAS12, SWT13, TW10a, Tan10a, YHY14]. **degrees** [DD10b, GM12]. **Delannoy** [lYnZpYH13]. **delay** [BCY12, Liu13, Mah11, RMT11, WZ13b]. **delays** [PKR12, Sha14a]. **deleting** [LSR11]. **delta** [CW11]. **delta-monotone** [CW11]. **dendriform** [BM13c]. **Dennis** [Bar10b, Sla10]. **Dense** [FHS14a, Duk12, Duk15]. **densities** [DGH$^+$11]. **Density** [MZ11, CCL14, KKL14, MRW11]. **denumerable** [MA10b]. **dependence** [Hil12b, Lu11, PS12, Wal11b]. **dependent** [jAS13, BRA11, DT10, GKS$^+$10, ZHZF13]. **depending** [DP12a]. **depth** [LFS12]. **Derivable** [Pan12a, JH10, QH10, ZZ11, ZZW10, ZZ10, ZZ12, Zho11]. **derivation** [AS12d, BD12a]. **derivational** [Pan12a]. **Derivations** [KLZ10, AKA13, Ben11, BS12b, BE12, BG14b, BS12e, DDF13a, DW12b, DD14, EN11, HW11, HZM10, JQ11, LL11a, LP10, LD12, LL11b, LJ10, Pet10, QH10, QCH11, QH13, SM12, WW13c, Wan14b, WX11, XW10b, XW12, YZ10, YZ12b, ZHQ14, WWD13]. **derivative** [HMS13, Ogu13, vBM13]. **Derivatives** [Jai11, San14]. **derived** [Bar12a, KAAK11, Vij14]. **deriving** [DMS13]. **descent** [JZZ13]. **describe** [LdlP11]. **described** [BFH$^+$12, IMA10]. **Description** [MMP13a, RRKK12, COvdD10, LM10b, Pol12]. **descriptor** [BV13a, HRT10, Jun14, Köh14, SBM11]. **Design** [BO12, Jim10, LLMZ12, Mah11]. **designs** [FMR12, Kla10, LHG10, Mit11b, NP10]. **Detecting** [Hen10, NV10]. **Determinant** [FMM13, MH13b, TT10, TW10b, ÁAFG12, CMS12a, CM12a, CH11, DHS12, DdC13, FMR12, KKL10, Vse12]. **Determinantal** [CM12b, CN12c, Ens10, GMT13, Abe14, BT11c, CEY14, CN11b, Dru13, GS10c, KLS12, Lin13, LSR11, NT12a, Qua10, Qua12, VS11, Wan14a, LPK14]. **Determinants** [GK10, SR13a, TT12, Bün14, CY11, CHZ13, DU14, EWY12, Kni14, Mat14b, RBP12, Sbu10, Sch10, SSZ13]. **determination** [MR14b, PR13b]. **determine** [DV14, RR11]. **determined** [ABEV10, BT14b, BG14b, BZ12b, BZW14, Gha13, HH13, JZ14, KKL13a, KKL13b, LSD14, Sto11, WFM11, WLLX11, WLG11, WS12, WLG12, WML13, WY14a]. **determining** [DGH$^+$10, XY11]. **deterministic** [NNW14]. **Deveci** [Hil14c]. **development** [LaG13]. **deviation** [GH11, BI12]. **Devoted** [BBD$^+$11]. **Diagonal** [PM10, BOZ11a, BOZ11b, BC12b, BC14b, BV13b, CFJKS13, Drn13b, EM12, Fri11, HZ12a, LS13c, Mol12, Pry10, Reh10, Reh11, Rub13]. **Diagonalizability** [KKLY14]. **diagonalizable** [BFK11, KB12, Lán10a, RdSP11]. **Diagonalization** [RE11, DFR13, Fut12, GB13]. **diagonally** [CHLS12, Far11b, FLH12, HZ10, LH10b, LHZH11, LZL12]. **Diagonals** [Lee13a, WW13a, CD13, Đok12, Sem10, PRW11, YT13b]. **diameter** [CLL12, CvDKL10, HL12, HWG13, KSH12, LLS12, LL14c, WKV10, WL10b]. **Diameters** [LL13a]. **Dias** [FdC12, LPQdS10]. **dibaricity** [CLOR13]. **dichromatic** [LS11b]. **Dickson** [FFS11b, GN13]. **dictionaries** [Fou14]. **Dieudonné** [dlCdlRMP14, RAAGAVS11]. **difference** [Baj14, BM12b, BAD09, DLDV11, FLS10, LS14, MN12b, Pit11, SS11d, TX12, VS14b, Vul12, Zuo10]. **differences** [HKK$^+$12, RW10, ZZCW13].

different [BBM14, HRT13, Koz14b, LRT13, Tra13]. **Differential** [Lan10b, BM12b, BCF12, Lom11, NT11a, PLS14, Rue13, Tre11]. **diffusion** [KRS13]. **digraph** [ABS10, CK14, DK13d, GR10, HL10c, Kim10, KP12, KSH12, MS14b, MSvdD14]. **digraphs** [BB11a, BM14b, Bru10, BS13b, CGR14, DL13, GX12a, GL12c, HY14, Kal13b, Kim13b, LLH10, LS11b, LS12b, LYL13, Moh10, Rad10, Sch11, TC13, YW11]. **dilation** [Dum13a, GWW14a]. **dilations** [ADW13]. **dimension** [BCS13a, BCF12, Cau11, dHLMS13, KK14, Lop11a, MMS12, Mar10]. **dimensional** [BDF11, Ben14a, BS11c, BS13a, DK13a, DK13c, CK13a, CILL12, CdGS12, DK11, DK12a, DK13b, Dub14, FP14, GJ11, HN10, KRH14, LwCJL11, Ma11, Moj14, Sha13a, Sko11, SQ14, Suz13, Ter13, Ter14, Wój14a, WJ12]. **dimensionality** [Cha10]. **dimensions** [AJ13, CKL$^+$13, DKM$^+$14, GPT12, HH12b, Yan10b, YZ13]. **dioids** [BL11, HTS14]. **Direct** [BT13, BL14, CHZ13, GK14a, JS13b, Kak10, Kaw12, KSH12, Lee13a, PPKR12]. **directed** [BFRR14, BKP12, Bau12, BRZ11, KP14a, Kir10, Kir14, NSC13, RGC13, dFBRS14]. **Dirichlet** [PRT13, Sow13]. **disc** [LH10b]. **Discrete** [CEM14, FK13, HMR12, RY12b, AW10, BJRS11, BJ13, Cas13, Cha12, CMN10, Czo10, CN10d, CN11e, FV13b, HDPT12, HRT10, Hil12b, Jun14, LTX14, NRS12, OM10, RS14a, Sad12, VS14b, Wei13a]. **discrete-time** [BJ13, FV13b, HDPT12, HRT10, Jun14, Sad12]. **discretization** [PLS14, Vul12]. **discs** [CGWW13, FHM13, MH13a]. **disguise** [BCT14]. **disjoint** [BT11a, CW12b, DWXS12, LS13b, LHL14, LHGL14]. **disks** [Mel14, ST10b]. **Displacement** [ZYL10]. **dissimilarity** [WNM13]. **dissipative** [ADW13, DP12b, GO13, Lin13]. **Distance** [AH14, BNP11, Ili10a, NOL13, Psa12, AH13a, Ban13a, BS11a, BNP12, BNP13, BYZZ14, Cer10, CBB13, CLS13, DvDF11, DV14, DS14, Est12a, FGG10, Fio12, FS11, GH11, Gro14, HKP13, HRW99, HLW14, lH10a, Hua10, lH11b, JM12a, JZ14, KS12b, KY11, KPY11, KT10, KT12, KM13b, Lee13b, LwW14, LP12, Lim10, LC10, LHWS13, LZG14, LZ14, MAS12, NP12, NP14, NM14, SS10b, ST12, WZ13c, XZ13b, XZD14, Yu13, Zha12b, Zha14a, vDF14]. **distance-biregular** [Fio12]. **distance-regular** [Ban13a, Cer10, DvDF11, FGG10, Fio12, KY11, KPY11, Lee13b, LwW14, vDF14]. **distances** [BT14b, HN14, JS12]. **distinct** [BB13a, CGMJ14, CHLS12, FLH12, HTW13, KS13b, NS13]. **Distributed** [RvS13]. **Distribution** [PLS14, Ada14, ANF11, DGGJ11, HLP12, JPS13, MSS14, PS12, SCSS10]. **distributions** [Cha14, DGJ10, MW10, OM14, Sku13]. **distributive** [HW14a]. **Dittert** [CW12a]. **divergence** [CM12a]. **divided** [TX12]. **Divisibility** [TL13a, MM10a]. **division** [Bot14, KLZ14b, Liu14a, Mar10]. **divisor** [Bot14, TL13a, WMZ14]. **divisors** [CS10a, Ens10, FH10b, SDNS13]. **do** [Pro10, RR11, XG13]. **Dodgson** [Abe14]. **does** [BMSW11, LY11a, dSP12d, Sta12, WBHM13]. **domain** [Pol12]. **domains** [BCŠ10, BC12b, BC12c, Ens10, Hua12a, IW13, SZ14]. **dominance** [Mol12]. **Dominant** [Fie11a, BGV12, Far11b, HZ10, LH10b, LHZH11, LZL12]. **dominated** [Sei14]. **dominating** [CT11b]. **domination** [AHS10, Har14, LL14b, XF11, Zhu12a]. **Double** [OT12, AdFST11, BC14a, FG13a, God12, JL12, KSAM12, Lee13b, Mol12, PY10, WJ12, Zhu11b]. **double-integrator** [Zhu11b]. **doubling** [WCKL13]. **Doubly** [GS10a, AT14a, BAD09, DHS12, Fan10b, GS10b, GKR13, HP04, JP11, JLW11, JPS13,

LXL+14, LZL12, Mou12, MAM+13, NS12c, PSW11, Sar14, Sha13a, Sha14b, XLG+13]. **doubly-infinite** [Sha14b]. **doubly-stochastic** [DHS12]. **Dragos** [GRS+10, GRS+11]. **Drazin** [BZ13, CGMS10a, CGMS10b, CI13, DW11, DMS10, DMS13, HRT13, KCID12, MD10, Mos13, PH12, SH13, WC12, Wül13, XWS12, XSZ13, ZW12b, ZBW12, ZCC12]. **Dual** [CT14b, Wor13, CD10, DMMY10, GMH14b, HM14a, KAAK11, KKL13c, LH11a, LWGM10, LWGM12, LH10c, MGLW11, MSS14, RDD14, Tif11, BDK11]. **Duality** [BHMR12, MRS12, FP11, Pin11]. **Ducci** [HNZ12]. **due** [Seo14]. **Duffin** [ACG14]. **Dunkl** [ST10a]. **dyadic** [MZ12c]. **Dynamic** [Wil11]. **dynamical** [DZ12a, FGQ11, NP13a, VB10]. **dynamics** [JDY13, MSvdD14, Zhu11b]. **Dyson** [Yan10a].

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erasure-robust [FM12]. **erasures** [HS12a, LH11a, LHH13, LH10c]. **Erdos** [OLW14]. **ergodic** [Fid10, Puł11]. **ergodicity** [Kir14]. **Erratum** [Cio10a, EFN10, KKL13a, Vla12]. **Error** [Dai11, GEP13, GO13, Cha12, Cha10, FH12c, GEP10, GJTP13, Hua13a, HZ14, KOR14, LHG10, PLS14]. **error-correcting** [LHG10]. **errors** [AA11, CLCL12]. **Essentially** [ZCKS12]. **estimate** [KOR14]. **Estimates** [BR14d, Gar13, BW12, Duk12, Duk15, MM13]. **Estimation** [HZ10, ZJ10, BL11, GD11b, NNW14, PT13b, RvS13]. **estimations** [Ara12, EY13]. **estimator** [HLP12, LJ12]. **estimators** [MD12c]. **Estrada** [DZ11, DL11, DZ12b, DZX12, FTA11, WX14, ZZL11]. **Euclidean** [Bai14, Bud11, GS10c, GTR12, JV10, KT10, KT12, KM13b, LC10, Mol12, Tao11, Tao13, TKLX14]. **evaluated** [BW13b]. **evaluating** [CHZ13, KMNS12]. **Evaluation** [IRT14, CMS12a, Vse12]. **even** [ABS14, BCF12, Hil13, KS11c, OS14, PPK13, QS14, RR11, Rei11b]. **eventually** [MPT14]. **Every** [CHLS12, BFPSS12, BH13b, FLH12, GS12c, KLZ14b, TZ13b]. **evil** [Vse12]. **Evolution** [DT10, CLR11, CLOR13, LLR14, RM14]. **evolutionary** [CK13b]. **Exact** [Ber13b, Cha14, KM14]. **exactly** [TH10, WBWH13]. **exceed** [BMSW11, BZ12b, LY11a, Sta12, WBHM13, XG13]. **exceptional** [MW14a]. **excess** [FGG10, vDF14]. **Exchange** [JS13a]. **excluded** [OM12]. **Existence** [Fan10a, GHMPVP11, GK11, MM12, KD12]. **expansion** [Ma10a, WZ14b]. **expansions** [Moo11]. **Expected** [HHMS10, Kir10]. **Explicit** [Dod10, DS12c, Kyr13, Mir12, Rim12, Sra13, XWS12, GMV11, Koz10, RW10]. **exploration** [DPF10]. **exponent** [GKR13, GWW14b, JLW11, KSH12, PJ13]. **exponential** [CMN10, Fis14, Ika11, Moo11, PKR12, PT13b, VS10]. **exponentials** [Sha14b]. **exponents** [CMN10, Czo10, LT10b]. **Expressing** [Slo13]. **expression** [HZGY12, Rim12, Tia11b]. **Expressions** [CGMS10b, CBB13, HZ11a, TZ12a]. **extendability** [BB11a]. **Extended** [CD14, MAGR13, SN14, JR11, Kum11, Mar13a, MTS11, Pat12a, TZ12a]. **Extended-valued** [SN14]. **Extending** [Hua12a, CJ11]. **Extension** [Lee11, BP14, CFPP13, CH12, GH11, JMP10, Kim11b, LNT13, Ma10a, MN12a, dSP10a, tHR13]. **Extensions** [Fur12, YJ12, BdlC13, BdlC14, DGGJ11, FHS14a, FGH13, FG13b, Had12, JZ11, JL12, LCM13, MMA11, RS14a, SS11d, ŠK10, WGL12]. **extent** [dSP11b]. **exterior** [Ika11]. **extraction** [BK11b, Dur12]. **extrapolated** [BH14a, BJRS11]. **Extremal** [DGKO13, DL13, Jen13, LS12a, MZ13, MW14b, XF11, Ziv12, AHL11, BK12, CGSCZ10, DC14, DdF14, LL14d]. **extremality** [Ha13]. **extreme** [BT14a, CH14, Hil12a, LL10d, YX13]. **extremum** [Dax10, Tia12].

Faber [CKS10]. **Faces** [CM10b, PSW11]. **factor** [LNN14, LLF13, Shi12c, YZ12b]. **Factored** [Cha13a]. **Factoring** [DT11]. **Factorization** [CW11, KM11, Lak10b, Bot10b, BH13a, CRU13, CRU14, Dur12, For14, GS12d, HLZP13, Hua13a, Hua13b, LYS13, MR11, SPKS12, vdW14]. **Factorizations** [BBG14, KKL14, Lim12, HL11c, Hua12b, KG12b, LW13b]. **Factorizing** [Sow13]. **factors** [Jar12, Koz14b, LWY10, Sbu10, SC13]. **Facts** [Ber09, Sla10]. **faithful** [LW12d]. **Fallat** [Gar12]. **Families** [BB13d, FP13, HKPR13, KB12, Nat13, RSS10, Stu13, Wód14, Ziv12, dFdADVJ10]. **family** [Baj14, Cha14, GZ12, Kal13a, LX13, TH11, WJT13]. **Fan** [BFdP10, GMRS14, tLyLWqW10, Lin11, SRdAG10, ZCWZ13].

Fast [BSS10, HR11, Miy13, OM10, XE11, BBE+10, Han13a, MS11a]. **Fastest** [Kir10]. **fault** [PP13a]. **feasibility** [LLW14, ZY12b]. **Feedback** [Jun14, SSS13, BO12, CC14, Liu13]. **Ferrers** [AdF11]. **few** [AJRT14, BG12b, FMNW14, Kla10, Mol11, dSP14]. **Fibonacci** [CLX13, DGMS14, LaG13]. **fidelity** [Kim13d]. **Fiedler** [BOZ11b, Grü12, Ano13y, BHMO13, BOZ11a, BCF14, BF14c, DDM12, Mac13, NdM13, Nik13, Ser13, Stu13, DDP13, DDP14]. **field** [AKM13, AW13c, Bie13, Bot10b, Bot12, CK13c, CJK+13, EJLS11, HK13, dHLMS13, HCY10a, LHG10, LdSP11, Ma11, MMP13a, dSP10a, dSP10c, dSP10d, dSP12c, Qui11, Rad13, SS10d, Wu10b, de 13]. **fields** [AG12, BB13a, BBC+14, BC13, FL12, GH13a, GH13b, HHLS14, KK14, Kra13, KS11b, LdS13, LT13, MZ12c, MSP13, PP13a, RS14b, SV13, dSeS13]. **filiform** [CT14a, CGO10, CLOK13, LMO16, Wu13b, CCGVO13, CCGO14]. **filling** [HK13]. **fillings** [AW10]. **filter** [BOZ10, Jim10, LLMZ12, Mah11, MZ12c]. **Filters** [GLP+13]. **Filtrations** [Stu12]. **find** [CS13b, Ern13]. **Finding** [AS12b, BDD13, PQZC11]. **Finite** [Ter13, AiS13, AG12, Ada14, jASZ12, BB13a, Bar10a, Bar13a, BS11c, BS13a, BPDC14, CK13c, CKL+13, DHLX12, Dai13, DKM+14, Dub14, DDK14, FL12, FG13c, GH13a, GH13b, GW14a, GWW14a, GJ11, HW14a, HM14a, HS12b, HK13, HN10, HHLS14, KKS12, LHG10, LdSP11, LdS13, LX13, MB13, MSP13, Moj14, NS11a, Pol12, PRW11, Rom14, Row14c, Row14d, SR13a, Sev10, Sev13, Sha14b, Shi12a, Sim10, Sko11, SQ14, ŠŠ11e, Ter14, VW10a, Vij14, Vul12, Wój14a, Wol12, Xu14]. **finite-difference** [Vul12]. **Finite-dimensional** [Ter13, BS11c, BS13a, Dub14, HN10, Moj14, Sko11, Ter14, Wój14a]. **finite-step** [DHLX12]. **finitely** [Bar12a, Ma11, TL13a, Yan10b]. **finitely-generated** [Bar12a]. **Finiteness** [CGSCZ10, Dai13, Mor10]. **Finsler** [Vla12, Bal12a, Bal12b, TNP12]. **First** [DD10a, LJY14, LZ11b, AM14, BM10, Bos11, JMS11, NS11b, Zhu12c]. **first-order** [BM10]. **Fischer** [Dru13, Lin13]. **Fisher** [KS10, KS12b, KM14]. **Fissioned** [MW12a]. **fitting** [MM10c, Moh13]. **five** [BOZ11a, BOZ11b, NS12a, Ste11, XX14]. **five-diagonal** [BOZ11a, BOZ11b]. **five-point** [XX14]. **Fixed** [Ros12b, SS11c, WLL14, CLL12, Cos14, HL11a, HL12, LT11a, LT10a, LL11c, NOL13, Per14, SBMT10, Slo14, YFW10]. **fixed-point** [Per14]. **Fixing** [Lip10]. **flag** [Ber13a, DKM+14]. **Flanders** [DLNN14]. **flat** [CSAC10, CSAC11]. **flats** [WLGM11]. **Fliess** [LZ11b]. **flipping** [MSP13]. **flow** [BOZ10, LL10d]. **flows** [AKZ13, AJ13]. **forbidden** [LS13d, Yua14, Yua15]. **forcing** [BBF+10, CL14a, EHH+12, EEH+13, GB14, HCY10b, Mey12, Row12a]. **form** [BBdH13, BFdP12, BIT12, BDK11, CRU14, CT11a, FDS13, FP11, FHS11, GS12b, GK11, Mar13b, NSC13, Nom14, Rad13, Reh10, TX12]. **formal** [TZ13a]. **format** [BGK13]. **formats** [KRS13]. **forms** [AW13a, AIS14, BDK11, CGMS10a, CN13a, DFS12, DS10, EN11, FV13a, FGH13, GMMFPSS12, HSZ12, Hu10, JR14, KKLY14, KLZ14a, KB12, MMMM13, MPS10, NT11a, Pop10, Reh11, Sim10, Sze14a, TW14, Wil14]. **formula** [AS12d, Dai12, Gro14, KLS12, Kon13, Koz14a, KR10, Ma10a, MS11a, OM14, RW10, SR13c, TX12]. **Formulae** [BT14a]. **Formulas** [Ber09, Tia12, BZ13, DK13e, Ern13, GS10c, GMV11, GLW13, GL14, Kyr13, MGLW11, MAGR13, Rue13, Sla10]. **four** [Ben14a, BW13b, Mar10, RRM11, Tia12]. **four-term** [Tia12]. **Fourier** [Ban13b, FK13, Sav12, Xu14]. **Fourth** [HSZ12, jASZ12, DHS10, Lop11b]. **fraction**

[Dur12, KY13]. **fraction-free** [Dur12]. **Fractional** [Beh13, LdS13, Mat13a, Mat14a, GMH14a]. **Frame** [Fut12, BHKL10, DFR13, VW10a]. **framelet** [MZ12c]. **Frames** [Wal11a, Bod13, BW13a, CKL+13, DHS10, FM12, FMT12, HM14a, HG11a, Hir10, HS12a, KKL13c, KOPT13, LH11a, LHH13, LH10c, NRR+11, Sin10b, Szö13]. **framework** [GHT11]. **frameworks** [AY13, AN13, Bai14]. **Fréchet** [San14]. **Fredholm** [Sei14]. **free** [BGP13, BP10, BdlC14, BM13c, DDF13a, Dea11, DTL11, Dur12, GS12d, KY13, Ma11, MR10b, MR14c, VB10, YW11, ZW12a]. **French** [Cas10]. **frequencies** [Koz14b]. **frequency** [ST12]. **Frobenius** [Lim13b, BT14b, CVW10, DIP13, FGH13, LN12, MZ10, NV12, Pat12a, Pit11]. **Fuchsian** [Kim13c]. **Fuci'k** [RY12b]. **Fuglede** [DK14]. **Full** [CRU14, HSS14, JP11, LMW12, BC13, GLZ14, JKV13, Sav12]. **full-rank** [Sav12]. **function** [BKV14, BV11, Boj13, BTYZ12, Car10a, CM12a, FDS13, FdC10, FHS14b, GIP12, GS12f, HLP12, LQY13, MS14b, RS14c, SS12a, SS13a, SS13c, SS13f, Tia12]. **Functional** [BK11a, Blu10, Ere13, BB13a, Fuh10a, Rhe10, TX12]. **functionals** [Ben10, GD11a, Lu11, SS12c]. **Functions** [Xu11, AL13b, Aud12, Aud13a, BKV14, BT11b, BGP13, BHDW12, BANP12, BB10, BEK13, BB14, BJ10a, CH11, CGMPSS14, Dra12a, FP11, FG13b, FKR11a, GHMPVP11, GKS+10, GK14c, GG13, Hia13, HWH14, HH11b, IM11, JM14, JRMFSS12, JZT14, KOR14, Kia14, KKL10, MM10a, Naj13, Nak13, Nat13, OT12, PCC12, Ruk14, Sag13, San14, Sin10a, SN12, SN14, Sto11, Uch10, WLL14, Wód14, Xu14, Zha14c]. **fundamental** [LNN14, Lom13]. **Further** [DMS10, KMSC14, MH13a, PAS11a]. **Furuta** [BLdP12, FNY13, Wad14]. **Furuta-type** [Wad14]. **fusion** [Bod13, HM14a]. **Fuzhen** [Tam12]. **fuzzy** [MMP13b, MP13b, MS14c].

G [Loe12, Rei11a, Rhe10]. **Gaddum** [NY14]. **gain** [KG12a, Ref12]. **Gallai** [KW13]. **game** [wH13]. **games** [AGK11, FDS13, Jun14, Sta14, Cec10]. **Gangster** [FJ10a]. **gap** [GO13, KR10, Wol12]. **gates** [CLX13]. **Gau** [CRSS14]. **Gau-Wu** [CRSS14]. **Gauss** [BFRR14, Ji12b]. **Gaussian** [ALPV14, BT14a]. **gcd** [KAMS11, TL13a]. **gcd-graphs** [KAMS11]. **GCDs** [BDD13]. **Geary** [BBGM12]. **Gel'fand** [Dai12]. **Gel'fand-type** [Dai12]. **General** [Jim10, AY13, BV12b, Bot10b, BGH12, CPH11, CFK10a, CMS12a, CM12b, DH10a, FFG+11, JKN14, KSAM12, LHLL10, MR11, Sha13b, TT11, XW11, wXL14, vBM13, Beh13]. **generalised** [DGJ10]. **Generalization** [Đok12, Mel13, AKZ13, BL13b, FFS11b, Kus12, MGLW11, MW12b]. **Generalizations** [FFS11a, IIK+13, MS12, SN12, WX11]. **Generalized** [AKN12, BCEM10, Ben11, BG14b, CL12a, Dra14, Dur12, GP12, HL10c, Hun14, Hür13, Ili10b, KB14a, KB14b, KSA11, Kau12, Kim10, Kim13a, KCID12, KS11c, LL11b, MP13a, OM13, SS14, Seo13, SM10a, TX12, Wu10b, AL13b, ÁvW11, AM13d, AL13c, Ban13b, CMRR13, CJ10, CLCL12, CL11b, DH10a, DH12a, DV10, Den10, DK12b, DYW14, Dra12b, DW12b, DW13, DBZZ14, FKW13, FTZ12, FDS13, FdC10, FH12b, FH13, GP14, GL12c, He11, HOT13, HLW10b, Hu10, HZ11a, Hua11a, HP11, Hwa11, IW13, JM14, Jen13, JDY13, Kim11a, KP12, KS14b, KKM13, LW12a, Lav10, LCwCL11, LW12c, LW13a, LYS13, LMW12, LJ12, LJY13, MB13, Mar11, Mar13c, Mat12, Mel14, MS11b, Mos13, Nak10, NCI13, Pep11, Pep12, RAAGAVS11, RJ11, San10, SS13a, Siv13, SR12, SS10e, Ste13, SL14, TZ12b, TNP12, TN14, Uhl13].

generalized [WLLX11, WML13, WW13c, XW10a, XE11, Yan10a, YW10, YZ11, ZY12a, ZZC14, ZCC12]. **Generalizing** [CC10]. **generate** [AKM13, Cha13a, Kau12]. **generated** [Bar12a, BS11c, BS13a, GS10d, KM12, Ma11, Rez13, Yan10b]. **Generating** [CK13b, CN10b, Lop11a]. **Generation** [BFBD13, JSS13, RRZ13, Wik11, Wik12]. **generators** [pWlW14, WY14b]. **Generic** [Bat14, KBS13, Fri12, HS10, MMRR11, MMRR12]. **genetic** [Pan11]. **genetics** [LLR14]. **gentle** [BS10]. **geodesic** [Fuj11, HN14]. **Geometric** [Ban13a, CvDKP13, ISYY11, AGV12, BG12a, BCS13b, DMMY10, GG12, Han14a, JLLY10, KLL11, Kim13d, LLY11, Lim11a, Lim12, Seo13, Wal14, Yam13, BT11c, DD10c]. **geometrical** [ART13, Aud13b, BDD13, Ben14a, NS12b]. **geometrically** [Aud13a]. **Geometry** [DHC12, Fie11b, HH14, Lim13a, BH10, BCF12, Fuj10, GH13a, lH10a, Hua10, lH11b, Hua12a, HS12c, UV13, Grü12]. **Germany** [BFBD13]. **Geronimus** [DGAM14, DW10]. **Gersgorin** [CGWW13, MH13a, FHM13]. **Gerstenhaber** [de 13]. **GF** [AW13c]. **girth** [Kol13, Row11]. **given** [AG12, AW13b, BL12, CK13b, DL13, DZX12, FYI10, GL10b, GM12, GLS12, Hua11b, HJL10, Kir14, LS10, LZ12b, LY11b, LS11b, LJY14, MS13c, dSP11a, ŠK10, SWT13, Tan10a, WKV10, XF11, YW11, YWS11b, ZHG13, Zhu12a, Zhu12b]. **global** [CD11, Kra13]. **GMRES** [TMSS14]. **GNS** [Kaw13]. **Gohberg** [BDK+10]. **Goldberg** [Ano13z]. **Golub** [Rei11a]. **Gondran** [GS12f, Shi11]. **Good** [Hua10, FG13a, NT14]. **Graded** [DKS10, ACGVK14, CGO10, CLOK13, Cen11, CM14, KZ10, LMO16, Mar13a, Mar14b, dSeS13]. **gradient** [JRMFSS12, LL10d, OM10]. **grading** [Mar14a]. **Gradings** [Cir13, MFGD14, dSeS13]. **graft** [XZD14]. **grafting** [SSGL10]. **Gram** [SST14, Wil13]. **Gramian** [HG11a]. **grand** [FNY13]. **Graph** [CS11, ACM+12, AAJ12, AV12, Alt13, AH10, AH13a, AHLvdH13, AOTR13, BB13c, Bap13b, BBF+12, Bau12, BOZ10, BRZ11, Boz13, BZZ14a, BW12, CMRR13, CAV13, Cer10, CTW11, CW10, CS13b, CLS13, CL13a, DGH+10, Dea11, DC13, EHH+12, EFN09, EFN10, ESV+11, FTDA10, FH13, FL12, GX12b, GX12c, GCY14, HHMS10, IS14a, HS14, HS10, HCY10b, HCY10a, IMA10, KR12, Kir10, Kir14, KPY11, Kuz10, LaG13, LRST10, LWV12, LFS12, LW12e, aLwW13, MYL13, MŠ10a, Mit11a, MS13c, NSW13, Nik13, OdLdAK10, PRT13, RJH11, RR12, RJ11, Roj11, Row12a, Row11, SS12a, SS13a, SS14, SM13, SRdAG10, Suz13, TW10a, TF10, Ter11, WF10, WL12, WAH13, WMZ14, Yu13, ZC14, Zhu10b, Zhu12a, Zim13]. **graph-theoretic** [BB13c]. **Graphical** [COvdD10]. **Graphs** [BMSW11, BL12, BCF12, CT10, DV14, Fie11b, Grü12, HTW13, HHLS14, LLS12, OS14, WKV10, WLLX11, WX14, vDO11, AO14, AFHP14, AFLN12, AJRT14, AKN12, AKZ13, AKM14, AS12c, AdFST11, AdFM11, AW11, ABS14, AH14, AT14b, AJ13, BB13a, Ban13a, BKP12, BG14a, BFK11, BHvdH11, BHMO13, BP10, Bau12, BB11a, BMSW10, Bel14, Ben14b, BFF+11, BNP11, BNP13, BZ12a, BYZZ14, CvDKP13, CFG+14, CR10c, CFK10a, CCF+12, CM11a, CT11b, CHY11, CHY12, CFHL14, CFK+10b, CLL13a, CLL13b, CGW14, CH14, CGMJ14, CL11a, CLL12, CG11, CKST11, Cio10a, CvDKL10, Cio10b, CW12b, CV13, CSAC10, CSAC11, CTG13, CS10b, DFG10, DvDF11, Das10a, Das10b, Das11, Das13, DXL13, DG14, DLS14, DC14, DO11a, DO11b, DLLS10, DL11, DLL11, DZ12b, DZX12, DZ12c, DP12b, DJ14, Est12a, EdlPH14, FF12, FWW13, FS14a, FTA11, FYI10, FN10]. **graphs** [FGG10, Fio12, GL10a, GZH14, GLS10, GL12a, GKZ11, GB11, GFY10, GHW+13, GM12, GLS13a, GW11, GWZ13,

Gu13, Guo10b, GSL11, GLS12, GLS13b, GW13b, GM14, GRM+10, GS11b, HMTR10, HL10a, HL12, HLW14, HW14c, Hua10, HJL10, HLS11, HJLS11, Ili10a, JTT13, JZ14, JS12, KG12a, KP14a, KAMS11, KKL10, KS13b, Kol13, KS14c, KY11, KM12, LL13a, LW12a, LS12a, Lee13b, LwW14, LS10, LLS10, LWGM10, LSC11, LWZ11, LY11a, LWGM12, LS13b, LWG13, LTS13, LGS13, LHWS13, LZG14, LZ14, LL10e, LHW11, LL11c, LMW12, LHWL12, LZ13, LLT13, LH13, LHL13, LL14b, LL14c, LJY14, LSD14, LLT12, MWZ13, MS13a, MM10a, MR12, Mig13, MW14c, MK12, MAS12, NP12, NP14, Nik10b, Nik11, NY13, NSC13, NLL13, NS12b, Pan12b, PAS11a, PHS13, QY12, RRM11, Ref12, RM10, RL13b, RTR10, Row12b, Row14b, Row14a, Row14c, Row14d]. **graphs** [RW10, SS11b, SST14, SS13c, SSGL10, SW13, SBMT10, Sin10c, SK12, Sta12, Ste10, Ste11, Sto11, wTlW13, TL13b, TH10, Tif11, UZ14, Vij14, VDVJT13, WB11, WF12, WS12, WB12, WML13, WZ13c, WBWH13, WBHM13, WZY14, WY14a, WF14, WNM13, Wil14, WZL13, Wor13, XZ13b, XZ13a, XM11, XG13, YFW10, YL10, YWS11a, YWS11b, YFW13, YZF14, ZW12a, ZLW12, Zha12b, ZZ13, ZHG13, Zha14a, ZK14, ZWL13, Zhu10a, Zhu11a, Zhu12c, dFdADVJ10, dFBRS14, vDF14, vdH14]. **Grassmann** [BBCC13, Cen11, DKS10, Pan12b]. **Grassmannians** [De 11, Lim10]. **gravity** [XWD13]. **Greedy** [GNE+14, GO12, Dum13b]. **Greedy-like** [GNE+14]. **green** [Sev14, BTYZ12, CEM14, Mar11, Mar13c, OSZ10]. **Greub** [Rua12]. **Gröbner** [KS11a]. **ground** [dSP10a]. **Group** [RDD14, AAH13, AV12, BK11a, Bie13, CGRVC13, COvdD10, CLST14, CJL13, CK13c, CGM+10, Den11, GST13, GH12, HRT13, Hil14a, HT10b, JLN13, KM12, LWGM10, LWGM12, LMW12, Ma11, MR11, Nie12, Nie13, dSP12d, Slo12a, TT12, VW10a, WZ13a, WMZ14, XSH14]. **groups** [Ada14, ÁvW11, BDV12, CD11, DF14, DK12b, DGZ13, FG13c, GL10a, He11, HS12b, HK13, Kim13c, KK14, KN10, KN13b, MW12a, Mol13, Rod11, Shi12a, Sin10b, Xu14, Yan10b]. **growth** [NA13, TZ12a, XW11]. **Grüss** [Coh14, GD11a, MR10c]. **guessing** [CFHL14]. **guide** [BS10]. **gyroscopic** [Lan13].

H [Rei11a, HQS13]. **H-eigenvalues** [HQS13]. **Haar** [AK11]. **Haar-type** [AK11]. **Hadamard** [Aud10a, BFK11, BB13d, BR14a, CFLW13, Dra12a, EGR12, GK12, Hua11c, Kar11a, Kar11b, tLyLWqW10, Lin14b, Mit11b, NS12c, Pep12, Szö13, WZ13d, ZCWZ13]. **Hadamard-type** [BR14a]. **Halley** [Guo10a, Lin10]. **Halmos** [Dom10]. **Hamilton** [FTZ12, Hwa11, Hwa12, MSvW12]. **Hamiltonian** [BFS11, Lim14, LLT12, RS14a, SB12]. **Hamiltonians** [Han11a]. **Hamiltonicity** [FN10, Zho10]. **Hamming** [CM11a]. **Handelman** [Laf12]. **Hankel** [AHAPP10, Ang13, BH12, Boj13, BF14b, CY11, CMS12a, CHZ13, CK13d, CI10, EWY12, HR11, KS14b, MS14c, RBP12]. **Hardback** [Lim13b, Rod12a, Zha12a]. **Hardy** [AP14, Lac13]. **Harm** [Ano13d, Ano13e]. **harmonic** [Hir10, KLL11]. **having** [AG12, MR12, Nom14]. **Haynsworth** [GS10c]. **heat** [DGU14]. **heat-bath** [DGU14]. **Hecke** [Lee13b]. **Heinz** [BLdP12, KMSC14, MN12a]. **Heisenberg** [GS12e, MFGD14, Sze14b]. **Helmert** [Hür13]. **hemispaces** [KNS14]. **Herglotz** [BKV14]. **Hermite** [DTS11, Dra12a, GMV11, SV13]. **Hermitean** [LWGM10]. **Hermitian** [Rod12a, AAT12a, ALRV12, BH14a, BW11,

BFdP10, BLdPS10, BH10, BLL13, CM12a, CGMJ14, CN11d, DP12a, Dom13, DYW14, FMWW12, FG13b, FS14b, Gar13, GG13, HFS13, HSS10, HSS14, JS13a, KM13a, LT12a, LNTgW12, SCS11, SH10, Sha14b, SM10a, Tia10, Tia11b, TCL11, VW10b, WW10, WZ14b, ZL11]. **Hessenberg** [BBGM12, God10, God12, HG11b, Ste13, TT11]. **hexagonal** [RGC13]. **Hiai** [Fuj10]. **hierarchical** [BGK13, BM13a, BPDC14, UV13]. **hierarchy** [GMS13]. **high** [BSU14, MD13, Nem13, WZ13b, ZY14]. **high-order** [Nem13, ZY14]. **Higham** [Dru13]. **Higher** [GW13a, LJY13, WX11, CN11a, CN12b, CLS10, HH12b, SWBS13, ST13, XW10b, ZZ11, ZZ12]. **Higher-order** [LJY13]. **Higher-rank** [GW13a]. **highly** [BW13a]. **Hilbert** [And13, AR12, AF12, BV12a, DWXS12, Dra12a, DK14, Fan12, Fie10, GN14, HKK+12, HZ11a, KLP12, MMM13, Pop12, SST14, Sha11, SQ14, Tim14, WW10, WD10, tHR13, vBM13]. **Hilbertian** [AS12a, Gon11]. **Hille** [NA13, SR13c]. **hitting** [PR10]. **Hodge** [JR14]. **Hoffman** [BMSW11]. **Hölder** [FLS10, KSA11, Pat12a]. **Holographic** [CLX13, LMN13]. **holomorphic** [HWH14]. **Hom** [LCM13]. **homeomorphism** [MZ12a]. **Homogeneous** [EN11, PQ10, CFL13b, Tre11]. **Homomorphisms** [Mar10, DWW14, DW14, MW10, WW13b]. **Homotopic** [BI12]. **Homotopy** [RO10]. **honor** [Ano13y, GRS+10, LPQdS10, Stu13]. **Hopf** [BH13a]. **Horn** [CP12]. **house** [BS12c]. **Householder** [Irv12, MPT12, dlRMP12]. **Hua** [Hua12a]. **hubs** [BEK13]. **Hugo** [Rod12a]. **hull** [Rez13, Roh11]. **hulls** [AM13a]. **Hurwitz** [BT11b, BG12b, FF10, KKB11]. **hybrid** [BCY12, GOSV12, Wan11b]. **Hyperbolic** [CN13a, GP13b, Kim13c, KK14, LYS13, NV10, Šeg10, Seg14]. **hypercube** [Sri13]. **hypercubes** [Tia11a]. **hyperdeterminant** [BBS12a]. **hyperelliptic** [OZ10]. **Hyperexpansive** [JJKS11]. **hypergraph** [AGK11]. **hypergraphic** [RR12]. **hypergraphs** [BZW14, CD12b, Duk12, Duk15, HQS13, Nik14, QSW14, XC13]. **hyperinvariant** [AW13c, MMP13a]. **hyperplanes** [De 11, LM10a, Nit10]. **Hyperreflexivity** [BRZ13, BR14d, PP12a]. **hyperspectral** [GP13a]. **hypersurface** [CN10b]. **Hyponormal** [HMT10, CDDY10]. **hyponormality** [KL12].

ideals [BZWL13, BDF11, BJ11, CV13, KS14a, KLZ10]. **Idempotent** [Ma14, WLG11, And13, Bot14, BH11a, BHMR12, KN13c, KLZ14b, LV11, PP11a, dSP10c, dSP10d, SZ14, Shi11, Sin10a, SB11, Zuo10]. **Idempotents** [Mat13b, ABEV10, BS12b, BS11c, BS13a, CGM12, Den11, DCIW12b, KCID12, dSP10b, SH13, Wan14b, ZW12b]. **Identical** [AGV12]. **identifiability** [BBCC13]. **identified** [AK11]. **Identities** [BS11a, KZ10, LMMS12, Abe14, BM13c, CD14, Cen11, Cha13a, Cra13, DKS10, Ere13, HP12a, Hil13, KdM13, Lan10b, Mar13b, Rah13, TW10b, dCF12, dSeS13]. **identity** [BT11c, HMP+11, Hil13, Kon13, MSvW12, SS10e, WLG12]. **identity-product** [WLG12]. **IDR** [RRZ13]. **if** [PPK13]. **Ihara** [BHAP12, MM10a, SS13c]. **II** [LT10b, ARZ11, BF14c, CGGS13, CS10b, DK12a, EvdD10, FJMP14, HP12b, IS14b, JS11, KK13, LH11a, LMMR13b, MS10b, MS10c, OT12, Siv12a, Tre10]. **III** [DK13b, Siv12b]. **ILAS** [Ano10u, BBG+13, BFBD13]. **ill** [BJRS11, HMR12, NRS12]. **ill-posed** [BJRS11, HMR12, NRS12]. **illustration** [WA10]. **illustrative** [CP12]. **image** [FN11, GP13a]. **images** [Sav12]. **imaginariness** [BV13a]. **imaginary** [KS11b]. **imbeddability** [KM13a]. **immanants** [CD12a, Ye11].

Implementations [NRS12]. **implicit** [BBE+10, DLDV11, JNS13]. **Implicitly** [PO11, MV12, MSS12]. **implicitly-restarted** [MSS12]. **Implicitly-weighted** [PO11]. **implies** [EdlP14, JN13]. **imprecise** [Sku13]. **Impressions** [WA10]. **Improved** [RJ10, BW12, Rua12]. **Improvement** [DTS11]. **Improving** [SR13c]. **Impulse** [VB10]. **impulsive** [LM10b]. **imputation** [XWD13]. **In-betweenness** [Aud13b]. **incidence** [CL13a, Dah11, DG14, DV14, RL13b, SW13, ZZ13]. **Inclusion** [Mel14, AAKM14, For14, FHL+11, HHL10, WC11]. **inclusions** [MW14b]. **incomplete** [KD12]. **increase** [SC10]. **increasing** [Bün14]. **incremental** [BGV12]. **indefinite** [LWY14, WC11]. **independence** [ABK14, Dug11, FYI10, Hu10, HCY10a, LS10, TF10]. **independent** [RS12b, Row14c]. **index** [AdFST11, Bot10a, CLOR13, CFK10a, CT11b, CL10a, Das10a, Das11, DXG12, DC13, DZ11, DLDV11, DZ12b, FTA11, GW14a, GWW14a, HL10a, HW14a, HL12, Hua11b, Kim10, Kim11a, KP12, Kim13a, Kim13b, LZ12b, LL14c, MYL13, MWZ13, SBMT10, Ste10, TH10, WBHM13, XWS12, YFW13, Yua14, Yua15, ZZL11, DDM14]. **index-2** [DLDV11]. **Indexes** [BCE+10]. **Indices** [PdFDV14, BCdP11, Dod13, DL11, DZX12, GW10, HL10c, KHKT13, LMM11, LM12, WX14]. **induced** [CR10a, LMMS12]. **inductive** [LP14]. **industrial** [Zha12c]. **Inequalities** [BANP12, CHLW14, JMP13, MOA11, Mat14b, Shi11, ZHQ13, AP14, AK12b, Aud12, AH13b, BP14, BLdPS10, BG12a, BS12d, BH14b, Cec10, CFL13a, Coh14, CMS12b, Dra12a, Dru13, DLV13, Fur11, Fur12, GD11a, Gon11, HKK+12, Hla13, KS14a, KP14b, Lac13, Lan14, Lee10, LLW14, LY13, Lin13, MA12, Maz10, MTS11, Naj13, Pat10, Pat12a, Seo13, SW11, SR13c, TG13, TKLX14, Tia10, TCL11, TPZ12, Wad14, pWlW14, Zha14b, ZH12, Zha12a]. **inequality** [Aud13a, BLdP12, BR14a, BR10, CMS12b, CL12c, Der13, FZ11, FT10, FLS10, FNY13, FL10, GRdS12, HOT13, IIK+13, KSA11, KSAM12, KMSC14, Kia14, KPY11, Lin14b, Lu12, MMA11, MR10a, MPP11, MMM13, MR10c, Mos11, MN12a, MMA12, MMK13, Nie10, NA13, Rua12, ST10a, TmYsH11, Yam13, YJ12]. **inertia** [AHLvdH13, BHvdH11, BBH+12, GS10c, MYL13, MWZ13, Tao11, Tia11b, YFW13, YZF14, Zha14a, dS12a, vdH13, vdH14]. **inertias** [BDM+12, GLZ14, GOvdD14, Tia10, Tia12, YHH12]. **Inexact** [BGW12, YZ11, BJ13, SS13b, XE11]. **inference** [GD11b]. **Infinite** [SQ14, VS11, WY13, dFdADVJ10, Ben10, Bie14, BG11, HS12b, Pin11, Sha13a, Sha14b, Slo13, Vij14, dSeS13]. **infinite-dimensional** [Sha13a]. **infinitesimal** [SC12]. **influence** [Mac13, Nik13]. **information** [Gle11, Kam10, KS10, KS12b, KM14, Yan10a]. **Ingram** [Zha12a]. **inheritance** [FH10a, Pan11]. **inhomogeneous** [VV13]. **injections** [BS14]. **injective** [BO12, ZHQ14]. **injectivity** [Gna12]. **Inner** [MARC13, Tan14b, BKV14, BS12e, HMT10, HZGY12, Pat12a, SP13]. **input** [BCY12, BLLM13]. **inseparable** [Dor10]. **Instability** [KHKT13, FS11]. **Integer** [DJ14, BM13d, DHS12, Gre12, MRW11, MY14, MO14]. **integers** [Hil14a]. **integrable** [Sch10]. **Integral** [CR10c, CL13b, SS11b, Sim10, BP10, Bey12, BCŠ10, BC12b, BC12c, BD12b, CKST11, FT10, GHW+13, He14, IM11, Ili10a, JK13, Kal13b, LS12a, MPS10, Mat13a, Mat14a, PHS13, SZ14, TH10, ZWL13, dFdADVJ10]. **integrality** [Kra12]. **Integrally** [GOSvdD14]. **Integrating** [MLC+10]. **integrator** [Zhu11b]. **intentions** [NT14]. **interactions** [Böt13, CGGS13]. **interconnection** [VB10]. **interior** [GOSV12, LL10d, XSS13]. **interlace** [BH11b]. **interlaced** [MS13c]. **Interlacing**

[AT14b, Kus13, AFHP14, BFdP10, FPC13, GLS13a]. **internal** [Gum13, Wu13a]. **interplay** [SB11]. **interpolants** [CH11]. **interpolating** [BPDC14]. **Interpolation** [AL14, HWH14, AL13b, AIL12, BO11, FKR11a, Fuh10b, KOR14, PT14, Sav14, SV13]. **interpolatory** [BGW12, GMV11]. **interpretation** [GG12]. **intersection** [MGLW11, SB12]. **intertwining** [Che13]. **Interval** [GPT14, Mys12, BHMR12, Dah11, Hla13, KS12a, LLD13, LLW14, LL13d, MMP13b, MP13b, MS14c, MP14b, NS11c, PM10, PKR12, Roh11, SH10]. **Intervals** [AG13, FZ13]. **Introduction** [Est12b]. **Invariance** [dSP10a, Bai14, BH11b]. **Invariances** [BHKL10]. **Invariant** [AFLN12, Baj14, dSC14, BK11b, BLLM13, Bou13, CHJ13, Cir14, CLHQ14, DXG12, DGÇ14, Dom10, DZ12a, FGS11, FCL10, FJ10b, Fur12, GK11, GV11, HG11a, HL11d, IJ12, Jun12, MZ14, MA12, Pro10, PP13b, RSS10, Sku13, WL12, Wój14b, ZH12]. **Invariants** [AW10, Bap10, Dod13, DJ14, FV13a, Für10a, Góm10, GS10b, Lop11a]. **Inverse** [BdP13, JS11, MZ14, NM14, SVP11, BM14a, BdFdP11, BFdP12, BT13, BCEM12, Boz13, BZ13, BZZ+14b, xCwXL11, CSV14, CGMS10a, CGMS10b, CGRVC13, CI13, DS11, Den11, DW11, DMS10, DMS13, Fan10b, FHS14b, GP12, HRW99, HLS10, HH11a, HP04, JM12a, Ji12b, JDY13, JS13b, KS12a, KW12, LT12a, LXL+14, LMYY11, LJY13, LSH12, MH13b, MZ10, MD10, Mos13, Mou12, MAM+13, NS12a, NS11b, Nor11, PH12, Pat12b, yPjXL11, PRT13, RDD14, SS14, SH13, Wei13b, Wei13a, WJT13, WJ12, Wül13, XX14, XLG+13, XSH14, Yan14, lYnZpYH13, YZ11, YWX13, ZW12b, Zha12c, ZH11b, ZCC12, vdH13]. **inverse-positivity** [JS13b]. **Inverses** [BG14a, Bün14, AM13d, ACG14, AL13c, BS14, BCEM10, COvdD10, Dra12b, Dra14, FKW13, HTS14, HF12, HZ11a, Hua11a, HZGY12, HZJ12, Hun14, KKM13, LHLL10, Mar11, Mar13c, MS11b, NCI13, Siv13, SPKS12, WC12, WL10a, XCS13, XSZ13, YW10, ZBW12, ZZC14]. **Inversion** [FP11, BOZ10, DV10, ER13, MS11a, MR10b, MR14c, DDP13]. **inversion-free** [MR10b, MR14c]. **inversions** [Ghe14a]. **invertibility** [CRS14, DCIW12a, HC14, KCID12, ZZCW13]. **invertible** [AK11, CHLS12, HN14, KKL14, Liu14a, TZ13b, Wik11, Wik12]. **Inverting** [SS10e]. **investigating** [TMSS14]. **invincibility** [FJ10a]. **involution** [AF12, LL11b, LHL12, LL10b, RDD14, ZZCW13]. **involutions** [Slo13]. **involutory** [Kis15, fLyH11, Tre10, XX12]. **involving** [BLLX11, CFL13a, Das10b, Das11, Das13, Den11, DD11d, HRT13, KPY11, Lan14, Mat14a]. **irrationality** [GWW14b]. **Irreducibility** [Had12, BB13c]. **Irreducible** [DDGH13, BE10, Cer10, JMS11, Kim13a, RY12a, Ser11, Ter13, Ter14, YHH12]. **irregular** [CH14, NLL13]. **ISBN** [Bar10b, Gar12, Gle11, Grü12, Lim13b, Rod12a, Tam12, Zha12a]. **ISBN-13** [Bar10b, Gle11]. **Ising** [Böt13]. **Isolation** [Bea12]. **Isometric** [BJ10c, AS12a]. **Isometries** [AAH13, GP14, HN14, AM13d, BMN13b, BJ11, BJZ12, Cir14, Dug12, GW14b, GP13b, Gu14, Kho12, MS14a, Mol13, PP12a, Sar14]. **isometry** [BT14a, GW14a]. **Isomorphisms** [ÁvW13, KZ10]. **Isospectral** [BW12, GLP+13]. **isotone** [NN10, NN13]. **Israel** [BDK+10]. **Issue** [KPRT14, BBD+11, BMS14b, FKLT13, GRS+10, LPQdS10]. **iterated** [BV11]. **iterates** [CFL13b]. **iteration** [DYW14, HT10b, PPKR12, Rhe10, XE11, YZ11]. **iterations** [GIP12, HHT13]. **Iterative** [CAV13, FS14b, GL10c, HN10, LL13b, LJY13, NRS12, WJT13]. **IV** [BRA11, DK13c]. **Iwasawa** [HHT13].

J [Rod12a]. **Jackknife** [HYF14]. **Jacobi**

[BP12, BdFdP11, BFdP12, BCEM12, BF14d, DD11b, HSS10, HSS14, KZ11, SB12, ŠŠ11e, SS13f, Wei13b, WJ12, Xu12]. **Jacobian** [BVV12, Gna12, Sun13, Yan11]. **Jacobians** [GS12a]. **Jacobson** [Wu10b, ZCC12]. **James** [AR12, CP11]. **JB*** [Ili10b]. **JB*-triples** [Ili10b]. **Jensen** [BH14b, Kia14, KLP12, KP14b, MPP11]. **Johnson** [Gar12, GZH14]. **join** [BHvdH11, BYZZ14, CMRR13, MH13b]. **joined** [MR12]. **Joint** [CN10b, Dum13a, GZ13, CN13c, DHLX12, GB13, GMV11, Koz10, Koz14a, LV11, LP12, LX13, MR14b, OM13, OM14, Pep12, Sed11]. **Jordan** [DWW14, BS12b, BH10, BM13c, BF14d, CT11a, CM14, CMZ10, DW14, FMM13, GS10c, GTR12, GC12, HW11, HLW10b, JV10, Ji12b, JH10, LW12d, MMMM10, Mar13b, MW10, Mol12, Mol13, NSC13, SM10b, Tao11, Tao13, TKLX14, WW13b, XW10b, ZZ11, ZH11a, ZZ10, ZZ12]. **Jörg** [Gre13]. **Jose** [LPQdS10, FdC12]. **jumping** [DKOT12].

Kaczmarz [NT14, PPKR12]. **Kadanoff** [BBGM12]. **Kadison** [BR10, DH12b, WY14b, YJ12]. **Kakeya** [RL13a]. **Kamvar** [Gle11]. **Kapranov** [Shi12b]. **Karaduman** [Hil14c]. **Karcher** [BI13, LY13]. **Kato** [BLdP12, AS12d, CL12a]. **Kaufman** [HLZP13]. **Keller** [YT13a]. **Kellogg** [Joh12]. **kernel** [BKV14, BCD10, CD12c, Dur12, OM10, Oto12, SST14, SWA12, Wor14]. **Kernels** [HG11a, Che13, Hun14, Kec13, Lom11, Rud12]. **Kerov** [GH12, Slo12a]. **Khinchin** [FT10]. **kind** [Xu12]. **Kippenhahn** [GW13a]. **Kirchhoff** [BCE+10, DXG12, DC13]. **Kittaneh** [Dru12a]. **KKR** [BTYZ12]. **Klein** [GS12e]. **Kleiner** [SY12]. **Kleinian** [KK14, Yan10b]. **Ko** [OLW14]. **Kohn** [YM12]. **Krawtchouk** [NT12b, Wor13]. **Krein** [AGPPF12, PT13a]. **Kronecker** [BJRS11, CSV14, Dod13, HFS13, HTS14, HF12, OZ10, Tad12]. **Kruskal** [BH13b, Der13, Rho10]. **Krylov** [BFS11, CK13d, DZ12a, JR11, Jbi10, MSS12, RRZ13, Sad12, SE13, Sto12, Xu11, Gre13]. **Krylov-type** [SE13]. **Kwong** [Naj13]. **Ky** [Lin11, GMRS14, SRdAG10].

labeled [WNM13]. **Lagrange** [Ma10a, TX12]. **Laguerre** [Lan14]. **Lanczos** [BFS11, PPZ14]. **Laplace** [MW10, TW10b]. **Laplacian** [LT11a, AFHP14, ACG+11, ACM+12, AKM14, AOTR13, AT14b, BS11a, Bap13a, BMSW11, Bel14, BL10b, BRZ11, Boz13, BZ12a, CGTR14, CFK10a, CT10, CW10, CJ12, CT12, CTG13, CS10b, Das10b, Das11, DXG12, DXL13, DGÇ14, DLS14, DL11, DZ12c, Est12b, FF12, FTDA10, FYI10, FHRT11, FHRT14, GK14b, GLS13a, GLS12, GLS13b, GW13b, GCY14, HMTR10, HL10a, Har14, HL11a, HL12, HJZ13, HT10a, HY14, HQS13, LSC10, LS10, LSC11, LWZ11, LW12b, LZ12b, LTS13, LGS13, LY11b, LL10c, LL11c, LW12e, LLT13, LH13, LL14b, LL14c, LSD14, MK12, NSW13, NP14, NLL13, QSW14, QY12, RJ10, RW10, SW13, Sri13, Suz13, TW10a, wTmS12, wTlW13, Ter11, VDVJT13, WB11, WL12, WF12, WBHM13, WAH13, XZ13b, XM11, YY14a, YFW10, YL10, YWS11a, YWS11b, ZZ13, ZHG13, Zho10, ZSWB14, Zhu10a, Zhu10b, dLOdAN11, dLN13, vDO11, vDF14]. **Laplacian-eigenvector** [RW10]. **Laplacian-energy-like** [DXG12, DGÇ14, WL12]. **Laplacianness** [Hu10]. **Laplacians** [AH13a, Bau12, BFF+11]. **Large** [AM13c, BGP13, BFdP12, GM14, LRV12, LSV12, dSP12a, AW11, BHMO13, FHRT14, GG13, Jbi10, KKM13, LHZH11, MAS12, dSP11a, dSP11b, dSP12b, Sad12, Wan11b, WCKL13, WZ14b, ZL11]. **Large-scale** [LRV12, KKM13, Sad12, WCKL13]. **largest** [AHL11, ABK14, CFK+10b, CW10,

CQYY13, Das10b, Das11, Kol13, KY11, KPY11, LY11a, LGS13, LGSC14, LHW11, Nik11, PJ13, QSW14, Sta12, WZY14, ZLW12, ZCQ13, Zhu12c, dLN13]. **last** [LWGM10, LWGM12]. **Lattice** [NN13, HW14a, IPFD13, Maz10, PY10, Suz13]. **Lattice-like** [NN13]. **Lattices** [CMZ10, CSC13, Kub13]. **Laurent** [He11, Lak10b]. **law** [DD11c, MTS11]. **laws** [CIH11, SR13a]. **Lawson** [Seo14]. **layout** [LRST10]. **LB** [Nom14]. **LCM** [TL13a]. **LCMs** [BDD13]. **LDU** [BH12, Kim11b]. **leading** [JN13, KS11a]. **learning** [MLC+10, YZ12a]. **Least** [LB14, MR10a, Bel14, Byd10, DS13, Dum13b, FF12, FZW11, GJTP13, GCY14, HMR12, Ji12a, Kol13, Kyr13, LJ11, LW12b, LWY14, LZ11a, LZG14, LZ14, LXK12, MM10c, MR13, MR14a, MS11b, Miy14, PO11, dSP12d, PAS11a, PAS11b, PPKR12, TF10, WF10, WF12, WBWH13, XZ13c, XZ13a, Yu13, Zhu12a, LKN13, SS10c]. **least-squares** [GJTP13, HMR12, Ji12a, LXK12, LKN13, SS10c]. **Ledermann** [Hür13]. **Left** [CL12b, Raf14, MVPS10]. **Left-looking** [Raf14]. **Left-symmetric** [CL12b]. **Lehman** [Shi12a]. **Leibniz** [LMO16, AM13b, BCS13a, CGO10, CCGR13, CCGO14, CK13a, CILL12, CLOK13, CKLO13, KRH14, MD12a, MSD13, RRKK12, TX12]. **Leja** [KOR14]. **lemma** [BLL12, ZCC12]. **Lemmens** [Lim13b]. **length** [CCGO14, CK13b, CDM12, DF14, Nik10b, Rud12]. **Lengths** [CL11b]. **Leonard** [BM12a, GWH13, Han11b, Han13b, Han14b, HWG13, HWG14, wH12, NT12b, Nom14, Wor13]. **less** [LZG14, LHW11]. **letter** [AM14, HMS13]. **letters** [AM14]. **level** [Blö12, KO13, KW12]. **levels** [MR12]. **Levi** [BdlC13]. **Levine** [Sat11]. **Lewin** [LYL13]. **Lexicographical** [WL10b]. **Li** [Lim11a, Dru12b]. **Lie** [AIS14, BD12a, BZWL13, BM12a, BDF11, BdlC13, BdlC14, Ben11, BE12, BCS13a, BM13b, BS12e, BDV12, CT14a, CNT12, CdGS12, CLHQ14, DDF13a, DD10b, DW12b, GST13, Han11a, HT10b, JQ11, LL11b, LW12d, LCM13, LNT13, LJ10, MD12b, Mar14a, MSvW12, NT12b, Pop13b, QCH11, QH13, ŠK10, SM12, TT12, WGL12, WW13c, Wan14b, Wu13b, XW12, YZ10, YZ12b]. **Lie-orthogonal** [Pop13b]. **Lie-solvable** [MSvW12]. **Lieb** [Aud13a, GK14c]. **Liesen** [Gre13]. **like** [CGMPSS14, DXG12, DGÇ14, DF14, GNE+14, GTR12, Nat13, NN13, PT13b, WL12]. **Lim** [Seo14]. **Limit** [BHDW12, BMSW11, OM14]. **Limited** [EM12]. **Limited-memory** [EM12]. **Limiting** [PS12]. **limits** [SC12, VW10b]. **Line** [CKAC14, RJ11, Roj11, ZSWB14, GKZ11, GW13b, GRM+10, LW12a, LL10a, LFS12, MWZ13, MV12, Vij14, WS12, WY14a, WF14]. **Lineability** [CGMPSS14, BG13]. **linéaire** [Cas10]. **Linear** [Ano12a, AJ13, BEM12a, BDK11, BFBD13, Bra10, Che14a, Che14b, CD12a, DS13, DS12b, DD10c, DWW14, Duk15, Gem10, IS14a, HQ13, KSB12, KB14a, KKL13a, KPRT14, LMO16, LT16, LPS13, Lu11, MR14a, MR14c, NT11a, PQ10, Rue13, SHZ10, SA14, Vla12, Wik12, WZ14c, XW11, YWX13, Yua15, Zho11, AS10, Ara12, AMJ14, ADW13, BB13a, BV12a, BEM12b, BLLX11, Bal10, BBCC13, BV11, BGP13, BM10, Ben10, BS12d, BLLM13, BJRS11, Bou10b, CDP10, Car13, CC14, Cas10, Cec10, CM13, CPV10, CFHL14, CA10, CW11, CL11b, Cos14, CT14b, CMN10, Czo10, CN10d, CN11e, Dai11, Dai12, DLDV11, DX13, EY13, FFS11a, FGQ11, FFS11b, FGR13, FS14b, Fur11, FRS14, GZX14, GEP10, GEP13, GD11a, GRdS12, GMH14a, GMH14b, GK11, GHT11, GJTP13, GD11b, Hla13]. **linear** [HM10, HG10, HG12, HN10, HZ11a, Hua11a, HZJ12, Irv12, JV10, JV11, Ji12a, JMP13, Jun14, KH13, KSAM12, KRS13, KRvS12, KRvS14, Kis15, Kla10, KN13b, KN13c, KKM13, KB12, Lan13, Li12, LW13a, LLD13,

LLW14, LT10a, LHZH11, LJ12, LS14, LMMR13a, LMMR13b, LM10b, LdlP11, LL13d, MMS12, Mah11, MD13, MZ12a, MR11, MLC+10, MW14b, MO14, MSP13, MR10c, Mys12, NP13a, NRS12, OLW14, PQ12, dSP10b, dSP10c, dSP10e, dSP12b, dSP12d, Per11, PKR12, PPKR12, PTPL10, PE13, Pro10, RAY14, RdSP11, RS14a, RŠ10, Roh11, RS12c, SSS13, SB12, SVP11, SW11, SS11d, SH13, SLS13, SS10e, TZ13b, TmYsH11, Tao13, Tra12, Tre11, TP13, Wal11b, WGL12, XDFL10, XX12, wXL14, YT13a, YW10, YJ12, ZW12b, dOFK+13, dlP11, dSC14, BPRY11]. **Linear-quadratic** [NT11a, Jun14]. **Linearity** [BEV13]. **linearization** [MP10]. **linearizations** [AA11, AAK11, BCF14, BF14c, DDM12, HMP12]. **linearly** [AA14, Bün14, CK14, CGM+10, Gna12, RS12b, ZHZF13]. **lines** [BH10, DS10, Lee13c]. **link** [BCF12, Pit11]. **Liouville** [jAS13, KZ11]. **Lipschitz** [BJ10a, GV11, JRMFSS12, Koz10, Lán10a, PP13b, Rod11, Rod12b]. **Lipschitzian** [JV11]. **List** [Ano11a, Ano12c, Ano13e, Ano13f]. **Lists** [Ano10a, Ano10b, Ano10c, Ano10d, Ano10e, Ano10f, Ano10g, Ano10h, Ano10i, Ano10j, Ano10k, Ano10l, Ano10m, Ano10n, Ano10o, Ano10p, Ano10q, Ano10r, Ano10s, Ano10t, Ano11b, Ano11c, Ano11d, Ano11e, Ano11f, Ano11g, Ano11h, Ano11i, Ano11j, Ano11k, Ano11l, Ano11m, Ano11n, Ano11o, Ano11p, Ano11q, Ano11r, Ano11s, Ano11t, Ano11u, Ano11v, Ano11w, Ano11x, Ano11y, Ano12d, Ano12e, Ano12f, Ano12g, Ano12h, Ano12i, Ano12j, Ano12k, Ano12l, Ano12m, Ano12n, Ano12o, Ano12p, Ano12q, Ano12r, Ano12s, Ano12t, Ano12u, Ano12v, Ano12w, Ano12x, Ano12y, Ano12z, Ano12-27, Ano13g, Ano13h, Ano13i, Ano13j, Ano13k, Ano13l, Ano13m, Ano13n, Ano13o, Ano13p, Ano13q, Ano13r, Ano13s, Ano13t, Ano13u, Ano13v, Ano13w, Ano13x, CL14b, ES14]. **lists** [JNS13, KS13a]. **lit** [wH13]. **lit-only** [wH13]. **Littlewood** [AW10, AP14, Lac13]. **LLL** [LQ11]. **LMI** [PKR12]. **loadings** [ZHZF13]. **Local** [Cos14, BS11b, Ben13, Bou10b, CD11, JZZ13, KY11, Kra13, TZ12b, Tra12, AKA13, FP11]. **local-global** [Kra13]. **localization** [Elo11, GPR13, LL14a, RŠ10]. **localizations** [DTL11]. **localize** [SYH14]. **Locating** [JT11a]. **location** [JTT13, Wil11]. **Loewner** [Aud13c]. **Loewy** [Ano13-27]. **Log** [WZ14a, Alt13, CM12a, Fur12]. **Log-convexity** [WZ14a, Alt13]. **log-determinant** [CM12a]. **logarithms** [BLdPS10, Chi13, LNN14]. **logistic** [YiKIS12]. **lollipop** [GSL11, GW13b, WS12, WY14a]. **lonesums** [KKL13a, KKL13b]. **long** [BLLX11, CBB13, WZL13]. **looking** [Raf14]. **loop** [Bap10, GS10b, YW11]. **loop-free** [YW11]. **loopy** [GM12]. **Lorentz** [KN10, TD13]. **loss** [HLP12]. **Low** [BGV12, KRS13, AJ13, CAV13, DBZZ14, MZ12b, Sad12, GPT12]. **Low-rank** [BGV12, KRS13, MZ12b, Sad12]. **Lower** [AP14, MNZ10, MNZ12, Pat10, PJ13, Rad10, Cha10, CFL13b, Grc10, GR10, GCY14, LLH10, LMYY11, RJH11, Slo12a, WXH10a, Zim13]. **lowering** [BC14a]. **Lowest** [LTX14]. **Lowest-rank** [LTX14]. **Löwner** [Han13a, MN12a]. **LP** [Pin11]. **LTI** [Per12]. **LU** [Hua13a]. **Lucas** [DGMS14]. **Lur'e** [Rei11b]. **Lyapunov** [FH10b, GTR12, GKS+10, Jbi10, LXK12, LTX14, PJ13, Sad12]. **Lyapunov-like** [GTR12]. **Lyapunov-type** [LXK12].

M [Gar12, Gem10, AS12a, Rhe10]. **Macaulay** [BDD14]. **magic** [CMNW14, CCL14, dHLMS13, Hun10, LLN+12, LGZ14, Nor12, Nor14]. **Mahalanobis** [GH11]. **Main** [CSZ10, LS13c, TH10]. **Majorization** [BEM12b, BD12b, CPK11, Dah10, For14, KT12, MOA11, Nie11, Uch10, Zha12a, AK12a, AAM12, AMJ14, BEM12a, Dug11,

FZ11, FW14a, Fur12, KP14b, LL14d, Nie13, SA10, SA14, TKLX14, TPZ12, Zha14b]. **majorizations** [Nie12]. **make** [DTL11]. **manifold** [YZ12a]. **Manin** [FP13]. **manpower** [DT10]. **many** [DLNN14, Mat14a, MO14, TL13a]. **map** [GK11, Ha13, HNZ12, Lin14a, dSP12d]. **Maple** [GS12b, Kla10]. **mapping** [AA14, JSS13, Sko11]. **mappings** [BP11, CW11, CN10c, CN11d, FFS11a, FRS14, HW11, Han14a, KN13c, LLF13, RS12c, Wój14a, XW10a, Zho11, ZXZ10, dOFK+13]. **Maps** [ABSV12, Cos11, GN14, HLW10b, HH11b, JG10, LP12, MS10c, WLG12, ZH11a, ABEV10, BS12d, Bou10b, BMS14a, CC12, Che14a, CFL13b, CLS10, DD10b, DHKQ13, DW12a, Fra12, Fra13, FH10b, Fur11, Gna12, GZ13, HKPR13, HQ13, Ika11, JH10, KS14a, KSAM12, LT12b, LT16, LP10, LW12c, LW13a, LHL12, LT10a, LL10b, LT13, Liu14a, Liu14b, MR10c, Nie13, Pan12a, RO10, Sun13, Wan11a, WFM11, YT13a, YJ12, dlP11]. **Marcus** [LL12]. **Marcus-Minc** [LL12]. **Marix** [BW11]. **market** [Vas14]. **Markov** [CK13b, Cas13, DT10, DGU14, Góm10, HB12, Hun10, Hun14, Kir10, Kir14, MA10b, Nem13, PR10, Puł11, Rhe10, Sku13, VV13, Vas14]. **Markovian** [Hun14, Koz14a]. **Marshall** [Zha12a]. **Martingale** [Dah12a]. **Mastronardi** [Gem10]. **matchgates** [LMN13]. **matching** [Beh13, GL12a, HL11a, KW13, LT11a, SS11c, Ste10, wTmS12]. **matchings** [GX12b, LSC10, TS12]. **mathematical** [BELK12]. **Mathematics** [Ber09, Gar12, Grü12, Lim13b, Rod12a, Sla10, FdC12, Bar10b]. **Mathias** [Lim11a]. **matrice** [BW12]. **Matrices** [Bar12b, Bra10, FJ11, Fie11b, Gem10, HMS13, KKL13a, KKL13b, LSTW13, Rei11a, SM13, AMP10, AiS13, AG12, AFLN12, AA14, AG13, AM13a, AAF+12, AKM13, AGM14, AB12, AHAPP10, Ali12, ANP13, Alo14, ÁNPQ12, ÁAFG12, AdF11, ART13, ALRV12, Ang13, AT11, AT14a, AK11, Aud10a, Aud13c, BBG14, BT14a, BB13b, BT11a, BB13c, Ban13b, BS11a, BG14a, BP12, BKM+13, BB13d, BH12, BMW10, BSK12, BSKL13, BFdP10, BLdPS10, BFdP11, BdFdP11, BFdP12, BT13, BdP13, BDH+12, BOZ10, BOZ11a, BANP12, BCEM10, BCEM12, Ben10, BM13a, Ben14a, BB10, BB14, BS12c, BP11, BDG13, BD13, Bie13, Bie14, BBE+10, BI13, BH10, BBGM12, BTYZ12, BSU14, BCS13b, BC12c, BC13, BC14b, Bot10a, Bot12, Bou13, BLL12, BLL13, BL14, BRZ13, Bre14, BRLS12, BHZ10, BK10, BD12b]. **matrices** [BFH+12, BKMS13, BC14c, BBS12b, BLS14, BZ13, BK12, Buj13, Bün14, BAD09, BS13b, BW13b, CRS14, CRSS14, CHJ13, CD14, CRU10, CRU13, CRU14, CSV14, CH13, Car10a, CT11a, CN12a, CFPP13, CR10b, CK13b, CAV13, CGM11, CGMS10a, CGRVC13, COvdD10, Cau11, CCF+12, CS10a, Cha14, Cha13a, CPR10, CTW11, CM12a, CL10a, CGMJ14, CL10b, CG13, Che14b, CJ11, CK13d, CN13a, CN13b, Cho13, CN11d, CGSCZ10, CD13, Cir13, CM14, CNPP12, CD12a, Coh14, CDM12, CP10, Cos11, CFLW13, CL12c, Dah10, Dah11, Dai11, DHLX12, DoMP09, DL14, Dax10, DLNN14, DH10a, DMP11, DD11b, DK12b, DP12a, DHS12, DGMS14, DFS12, DFS14, DS14, Đok12, DKOT12, DHKQ13, DO11a, DO11b, Dom10, Dom13, DA10, DT11, DdF13b, DdF14, DBZZ14, DdC13, DGMS10, DHS10, ER13, Elo11, EvdD10]. **matrices** [Ens10, ES11, Est12b, EGR12, Fan10b, FM11a, FFJM14, FGS11, FFG+11, Far11b, FKW13, FJ10a, FdC10, Fie10, FH10a, FM11b, Fie11a, FH12a, FH12b, FM13, FH13, Fie13, FHS14a, FH14, FMR12, FFK11, Fou14, FGvRR13, Fra12, Fra13, FW14b, Fuj10, FJ10b, FJ14, Fut12, FHS11, GMS12, GEP10, GOSvdD14, Gar13, Gau10, GTW13, Ghe14a, God12, Gol13, GS10b, GL12b, GGK+13, Gre12, GS10d, GS12d,

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RDD14, WJT13, XCS13, Yan14, ZZCW13]. **Morrison** [MS11a]. **Morse** [AJ13]. **Moshe** [Ano13z]. **most** [BH13b, KY11, LL13a]. **motions** [AY13, AN13]. **Motzkin** [CY11]. **mouth** [HH12b]. **Multi** [Blö12, LLY11, BCY12, CC10, GMS13, Sha14a, SB11, Zhu11b, ZY14]. **multi-agent** [Sha14a, Zhu11b, ZY14]. **multi-input** [BCY12]. **Multi-level** [Blö12]. **multi-metric** [SB11]. **multi-objective** [GMS13]. **multi-step** [BCY12]. **Multi-variable** [LLY11]. **multi-way** [CC10]. **Multidimensional** [KLP12, Lee13c, Xu14, NT11a, OT10]. **multifilar** [EFN09, EFN10]. **multigrid** [BFF+11]. **multilinear** [BW13b, FGH13, FKLT13, GMMFPSS12, Kon13, Moh13, NA13, Pel14, SR13b, SR13c, FdC12]. **multinomial** [YiKIS12]. **multipartite** [CHLW14, JZ14, PHS13]. **Multiple** [DGAM14, DKS13a, FPC13, KSH12, LNTgW12, Lip10, MP14a, Psa12, Row10, Sha14a, XD12, ZY12b]. **multiple-sets** [ZY12b]. **multiplication** [HH13, Kau12, MR13, MR14a, Sow13]. **multiplications** [BLLX11, RO10]. **Multiplicative** [BE12, CLS10, JK11, WW13c, ZXZ10, Bal10, xCwXL11, GO12, Wan11a, UW11]. **multiplicativity** [LS12a]. **multiplicities** [BZZ14a, OS14]. **multiplicity** [AKM14, AGV12, GS12d, JNS13, KS13a, Row11, Row14a]. **multiplier** [Aud13c, CPK11]. **multipliers** [LP10]. **multiplying** [O'D14]. **Multispherical** [KT10, KM13b]. **multivariable** [PP14]. **multivariate** [AS14, BDD13, DU14, GH11, Han14a, LW13b, Wal11b]. **Musings** [Moh13]. **Mutation** [Sev13, Sev10]. **mutually** [Kis15, XX12]. **Mysteries** [NSW13].

N [BPRY11, Gem10]. **Nanjing** [BBD+11]. **NASC** [BBD+11]. **Natural** [MRW11]. **Naturally** [ACGVK14, CGO10, CLOK13, LMO16]. **near** [MV12]. **nearest** [ABBO11, NR10]. **Nearly** [SSMS14, Bod13, CFK+10b]. **necessarily** [Pop14]. **Necessary** [CHK+13, LLD13, Sha13a, FS14b, LS12d]. **needed** [DTL11]. **negacyclic** [La 14]. **negative** [Aud10a, BV13a, CR10b, FKM13, KS13b, MYL13, MWZ13, PT13a, Wol12, ZCKS12]. **neighbor** [ACM+12, Böt13]. **neighbourhood** [LL13c]. **nest** [Gha13, JH10, OTdDv12, QH10, SM12, ZZ11, ZZW10, ZHQ14]. **nested** [AdFST11]. **network** [BCE+10, FFS11a, SB11, TN14]. **networks** [BFRR14, Car11, Est12b, GPR13, Gle11, HWSH13, Kam10]. **Neumann** [Tsa12, BD12a, BMS14b, DLLS10, LZ10, LLF13, PRT13, QH13, SS10a, SSS13, YZ12b]. **Nevanlinna** [AL13b]. **Neville** [HZ14]. **news** [ZCKS12]. **Newton** [BH13a, BJ13, CA10, FS11, Guo10a, Jar12, JMP10, JMP13, SK14, SV11]. **Newton-based** [FS11]. **Newton-type** [CA10]. **nice** [CHZ13]. **NIEP** [CL14b, ES14]. **Nijienhuis** [LCM13]. **Nil** [BCDM13]. **Nil-clean** [BCDM13]. **nilindex** [ACGVK14, CCGR13]. **nilpotency** [Sun13, Tan10b]. **Nilpotent** [BDF11, Hua11b, BDH+12, BdlC13, BdlC14, BVV12, CLOR13, CdGS12, FP14, GS13b, Kha13, KLZ14b, MMS12, NS14, OR12, Tan11, WGL12, de 13, BVV12]. **nilpotent-centralizer** [GS13b]. **Nilpotent-Jacobian** [BVV12]. **nilradical** [CLOK13, LMO16, ŠK10]. **Nineteenth** [Abe11]. **nnd** [NCI13]. **no** [KD12, MD13, Ziv12]. **nodes** [LWV12]. **Nomura** [CM11a]. **Non** [JRMFSS12, MMA12, ALPV14, Aud10a, BH14a, BP10, BT13, BCS13a, CR10b, CKST11, Cos14, DL14, FKM13, GK11, KS13b, LLH10, LYL13, MMP13a, Net10, dSP10e, dSP12b, Per14, PT13a, Qui11,

Seo13, WZ14b, YW11, dO12].
non-bipartite [CKST11]. **non-closed** [Net10]. **Non-commutative** [MMA12, Seo13, dO12]. **non-degenerate** [GK11]. **non-fixed** [Cos14]. **non-Gaussian** [ALPV14]. **non-Hermitian** [BH14a, WZ14b]. **non-hyperinvariant** [MMP13a]. **non-Lie** [BCS13a].
Non-Lipschitz [JRMFSS12]. **non-negative** [Aud10a, CR10b, FKM13, KS13b, PT13a].
non-powerful [LLH10, LYL13, YW11].
non-self-adjoint [BT13, DL14].
non-singular [dSP10e]. **non-singularity** [dSP12b]. **non-square-free** [BP10].
non-symmetric [Per14]. **non-zero** [Qui11].
nonabsolutely [BGP11]. **nonautonomous** [AS12c]. **nonbinary** [Sri13]. **noncentral** [Hu10]. **Noncommutative** [ARZ11].
Noncommuting [DO11b]. **nondefective** [XD12]. **nondegenerate** [FKR11b, FKR12].
nonderogatory [Bot10b, FHS11, LS13a].
Nonexistence [MW14a].
nonhomogeneous [Puł11]. **nonincreasing** [DHKQ13, PT13b]. **Nonlinear** [BMS14a, FGR13, LN12, LLF13, LHL12, RS14c, SS12c, YZ10, YZ12b, BD12a, Bey12, FZ13, GHT11, Hil12b, Jar12, RY12b, WCKL13, Xu14, Lim13b]. **Nonnegative** [CN12a, FJ11, Gar12, MS11b, PRW11, Siv13, SDNS13, AG13, Aga14, Ben14a, BR14c, BK10, BAD09, BSST13, BS13b, CDP10, CS10a, CPZ13, CQYY13, CD13, CKAC14, CL12c, Drn13b, DZ13, Fri11, FGH13, GG12, GP13a, GL12b, Sem10, GGK$^+$13, GKR13, Hua11c, Hua13a, JLW11, KG12b, KSS12, Laf12, Lav10, LC10, NS12a, NT11b, PV12, Qi13, Sah10, Ser11, Spe11, VR12, Voy13, XZ14, ZCQ13].
Nonnegativity [HRT10, HRT13, PP11a].
nonpositive [CRU13, CRU14].
nonpositivity [HC10]. **nonpowerful** [JMS11]. **nonreal** [PR13b]. **Nonsingular** [BC12c, DdF14, HK13, HLZ12, BHZ10, CRU13, CP10, DQW13, FLH12, FJ14, HC10, LLN$^+$12, LS13d, LJY14, NPP13, SYH14].
Nonsingularity [Zuo10, BB13b, LS12c].
nonsymmetric [GL10c, KW12, LwCJL11, WXH10b, XD12].
nontrivial [Dod13, ZZ11, Zho11]. **nonzero** [CP10, GOSvdD14, HTW13, MB13, MZ14, PR13b, YHH12]. **nonzeros** [MGSW14].
Nordhaus [NY14]. **Nordhaus-Gaddum** [NY14]. **Norm** [BG12a, MM13, Pop12, Aud10b, BT14b, BJ11, CVW10, CFL13a, FCL10, FLC11, Gon11, Hia13, HMR12, Hua11c, Ji12a, KS14a, Kyr13, LMM11, LMYY11, MD13, MA12, MZ10, MTS11, NNW14, RR11, SP13, SR12, TGS14]. **norm-** [TGS14]. **normal** [AM13a, BFdP10, BFdP11, BFdP12, BDG13, BD13, BR11, Buj13, CH13, Chi13, CI10, Ger12, HLP12, KM13a, MSS14, yPjXL11, Sed11, SS13d, SS13e, Slo12b, Sze14a, Van10, WW13d].
normalizable [GOSvdD14]. **Normalized** [Bau12, AT14b, Boz13, CFK10a, CJ12, CL13a, LGSC14, vDO11]. **normally** [CM13]. **normed** [Wój14a]. **norms** [Aud13c, BH14b, BLS14, CGSCZ10, Fur12, GK14c, HK10, Lac13, Lan14, Lee10, LT12b, LT16, MW14b, Mor10, NY13, Pat10, ZH12].
Note [Ano11z, Ano12-28, BC14c, GL10b, HJL10, KP13, LLS10, LHL13, LHGL14, Rhe10, BI12, Ben14b, BC14b, BZ13, BZZ14a, CG13, Che14b, DA10, DD11d, DLLS10, EFN09, EFN10, FWW13, Fan10b, FH12b, FLC11, GOvdD14, GLS13b, Had13, Har14, HZM10, HZ12a, HCY10a, Ikr10, JM12a, Li10, LS12b, Lom13, MB13, Mat12, Mig13, NdM13, Sah10, Tao11, Wal14, WB11, XLG$^+$13, Yan11, dHM11]. **Notes** [Far11b, Fie10, Ha13]. **notion** [Han11b, Han14b, TN14]. **notions** [BBM14].
novel [Ma10a]. **November** [BBD$^+$11].
nowhere [BS14, FFS11a]. **NSC** [BBD$^+$11].
null [BDD14]. **Nullity** [BH11b, Bri13, CL11a, EHH$^+$12, FWW13, GFY10, GX12c, HS10, LFS12, Sin10c, TL13b]. **nullspace** [JKN14]. **nullspace-type** [JKN14].

Number
[AiS13, BPA+11, AG12, AKM13, AAJ12, AHAPP10, AdFM11, AHS10, BB13a, Bea12, BLL13, CRSS14, CS13a, CL14a, CFHL14, DTL11, Dom13, DH10b, DL13, DdF13b, DdF14, EHH+12, FYI10, FG13c, Gar13, GB11, GLS12, HL11a, HJZ13, Hir10, HTW13, HJL10, LS10, LT11a, LZ12b, LS11b, LHL13, LYL13, LL14b, LJY14, MGSW14, MZ12c, NS13, NOL13, Row12a, Sin10c, SWT13, Ste10, TF10, Uhl13, Wik11, Wik12, XF11, YW11, YWS11b, ZHG13, Zhu12a]. **numbers** [AAK11, AL13a, BHKM13, CY11, CMS12a, EWY12, GWW14b, He13, KL12, LaG13, Lak10a, LJ11, LWY14, MGLW11, DDP13, WWG10, WZ14a, XD12, ZC14]. **numeric** [PS14b]. **Numerical** [Ali12, BS12a, CGWW13, DGH+11, Gau10, Gle11, HMP+11, Kam10, KI10, TW11b, Tsa11, AM13a, CG13, Che14b, CN10b, CN11a, CN11c, CN12b, CN13c, CP11, CLS10, DPF10, DD11d, GW13a, GTW13, GW14b, GP14, GZ13, HH12a, HB12, LMM11, LM12, Lee13a, LP12, LPS13, PLS14, PT13a, PGM+11, VU14, WW13a, WC11, LCwCL11]. **Numerically** [FM12]. **Nussbaum** [Lim13b].

objective [GMS13]. **objects** [NP10]. **oblique** [ACG14, CM10a, Hua11a, SS10d, WL10a]. **observability** [KRvS12]. **observable** [BCdP11]. **observations** [Fie13, RvS13]. **observers** [Blu10]. **occasion** [Bai11]. **occurrences** [AM14]. **October** [BDK+10]. **octonion** [RO10]. **odd** [CMNW14, GW11, GWZ13, HWG13, KS11c, LLN+12, LGZ14, LWY10, Rim12, Yua14, Yua15]. **off** [BC14b, CFJKS13]. **off-diagonal** [BC14b, CFJKS13]. **old** [ES14, RTR10]. **Olkin** [Zha12a]. **One** [ALPV14, CRS14, GS12b, ABEV10, BBdH12, BBdH13, Bat14, BR14c, CT11a, CT11b, DHLX12, FGvRR13, Fri11, KO13, KY11, Lee13b, LFS12, LT11b, LX13, MMRR11, MMRR12, dSP12d, Pet10, PS14b, RW12, Sag11, Sav12, Slo12b, Suz13, WFM11, WMZ14]. **One-bit** [ALPV14]. **one-dimensional** [Suz13]. **one-dominating-vertex** [CT11b]. **One-peak** [GS12b, PS14b]. **ones** [TZ13b]. **only** [Aga14, CGMJ14, Dod13, wH13, RR11, WZ13d]. **onto** [Cha10, NN10]. **open** [HH12b, LGZ14, Zha12c]. **operation** [CMRR13]. **operations** [NN13, SL14]. **Operator** [CMS12b, Gon11, Kia14, Kim13d, Mos11, SP13, Seo14, AR10, AG10, ACG13a, Aud13b, BC14a, Böt13, BH14b, Chi13, CDDY10, CI14, DW11, DD11d, DX13, ET13, FMWW12, Fur10b, HC14, Han14a, HZ12a, HN10, IIK+13, JG10, JR14, KS14a, KSAM12, KJK13, KW12, KLP12, MPP11, MTS11, MMK13, Nak13, OM10, PP14, San14, Uch10, WW10, WD10, WLL14, Wój14b, XSZ13, XSH14, ZWZ10, ZHQ14, Zha14c, dSC14]. **Operators** [Bra10, AS12a, AR10, And13, ACG13b, AK12b, BV12a, Bar10a, Bar13a, BS12a, BCD10, BR11, BC12a, BJ10a, BJ10b, BJ10c, BV13b, BB11b, Bud11, CRS14, Cam13, CL12a, CEM14, Che13, Den10, DWXS12, DCIW12a, DD11c, Dra12a, DP10, DJK12b, DDK14, DK14, DK13e, ES13, FJ10a, For14, GS10a, GN14, GP14, Sem10, Gu14, GS10e, HG11a, HKK+12, HN14, HLW10b, HZ11a, Hua11a, HZJ12, JLLY10, KL12, KI10, KRS13, Kec13, KR10, KB12, Lac13, Lán10a, LP12, LCM13, LMMR13a, LMMR13b, Lom11, Lu11, MM13, Mat13a, Mat14a, MPP11, Mol11, MMM13, MN12b, Nie10, PP14, PY10, Pel14, Pep12, PT13a, Pop13b, Pro10, Rez13, RS12b, Ros12b, Rud12, ST10a, Sed11, Sei14, SR13b, Sha13a, Sha11, SM10a, SM10b, TD13, Tim14, VU14, XDFL10, XCS13, YW10, ZH11a]. **operators** [ZHQ13, dOHKS12]. **Oppenheim** [Lin14b]. **Optimal** [JZT14, LH11a, LJ12, LH10c, TDT13, Wil13, CGM+10, EY13, GOSV12, GIP12, HCY10a, LHH13, LLD13, LL13d, MZ10, Mit11b, NP10, NA13, Peñ14, Sta14]. **optimality** [FMR12]. **optimisation**

[GMS13]. **Optimization** [BH14a, MO14]. **Optimizing** [Gol13, LS11a]. **optimum** [CLL13a, GX12a]. **options** [PZVJ11]. **Orbit** [RMP14, Bar10a, Bar13a, Dau12, MZ12a, Rez13]. **orbits** [Baj14, CN12c, DD11a, LPS13, TT12]. **Order** [Bra10, FJ10b, Mol11, jASZ12, BP10, BM10, BL12, Blö12, Bos11, Bre14, BF14a, CR10a, CMNW14, CK13c, CL13b, CFL13b, CKAC14, CDM12, CIH11, DD10a, DTL11, DD11c, DM11, FK13, GOvdD14, Ghe14b, HSZ12, Hir10, HL10b, Kar11a, Kar11b, KM11, LLN+12, LBLS12, LHZH11, LJY13, LGZ14, LS14, LZ11b, MD13, NS12a, Nem13, Nor14, QS14, Rim12, SS11b, SS11d, SBMT10, Slo14, ST13, Tra13, WZ13b, XDFL10, ZY14]. **order-** [Nor14]. **order-preserving** [CFL13b]. **ordered** [Car13]. **Ordering** [AJRT14, HL11a, WT12, JP11, iO12, RMAJ10, WL10b]. **orderings** [Nie12]. **orders** [BJZ12, FJ14, KS11b, YHH12]. **Ordinary** [CM14]. **organization** [Zha12c]. **organizing** [Gle11, Kam10]. **orientations** [CEY14, Tia11a]. **Oriented** [Zhu12c, CLL13a, CLL13b, GX12b, GHW+13, HSS10, RR12, WZY14, XG13]. **origin** [LSR11]. **Orlicz** [AM13c, ARZ11]. **Orthogonal** [CMS12a, Moo11, AAH13, BR14b, BSS10, BMM12, BR12, CM11b, Dax10, DW10, FPC13, GW11, GWZ13, Hür13, KN10, LRV12, LAL11, LWGM12, LNT13, MPRW11, Mer12, MNZ12, NM14, O'D14, dSP12d, Pop13b, RBP12, RL13a, ySpW12, TT11, VS13, VS14b, Wei10, dF10, dlCdlRMP14, AMP10]. **Orthogonality** [Gro14, AR12, CP11, HH13]. **orthogonalization** [OM10]. **Oscillation** [Hil12b]. **oscillators** [VR12]. **Ostrowski** [Had12, Had13, HT14, Tao11]. **outer** [Dra12b, HZJ12]. **outerplanar** [Sin10c, SK12]. **output** [BO12]. **Oxford** [Bar10b, Gar12].

P [DdF13b]. **P-vertices** [DdF13b]. **p.p** [LZ12a]. **Padé** [DD11b, GIP12]. **PageRank** [GPR13, TD11]. **pages** [Rei11a]. **pair** [BBdH12, BBdH13, Bar10a, BCdP11, BC12a, DHLX12, DKS13b, Hwa12, NT10a, dOHKS12]. **Pairs** [Cal12, FdC10, AW10, BM12a, Bar13a, BK11b, BC14a, CGSCZ10, DS14, FRS14, God10, God12, GTV12, Han11b, Han13b, Han14b, HG11b, HWG14, INT11, IS14b, JG10, Lim10, NT10b, NT12b, Nom14, Pet10, dCF12]. **Pairwise** [LD12, Tra13, ACM+12, EvdD10]. **Pálfia** [Seo14]. **Palindromic** [IM11, BM14a, GN13, LCwCL11]. **Pall** [BFdP10]. **Paperback** [Bar10b, Tam12]. **paperfolding** [GWW14b]. **Parabolic** [HS12b]. **paraboloids** [KK12, KK13]. **paracomplete** [CM13]. **paracontractions** [Moj14]. **parallelogram** [MTS11]. **parallelotopes** [GK10]. **Parameter** [GD11b, PT13b, BR14b, Hil12b, HMP12, Kar11b, MP10, VW10b]. **parameterization** [CR10b]. **parameterized** [Gna12, KLL11, YWX13]. **parameters** [BBF+10, DP12a, DZX12, HHMS10, Han13b, HB12, HL11c, JLLY10, Zhu12b]. **Parametric** [He13]. **parametrization** [BO12, Dau12]. **parametrized** [Fuj10, GHT11]. **paranormal** [DJK12b]. **Paratransitive** [LMMR13a, LMMR13b]. **Parity** [MS13b]. **Parseval** [Kon13]. **part** [Li10, AAT12a]. **Parter** [FdC14b]. **Partial** [BP13, HZ12b, MQ11, MQ13, MQ14, RMT11, WZ13b, AM13d, BFRR14, BCY12, BO11, CFLW13, DM11, Fan10a, GW14a, GW14b, Kho12, MD13, PLS14, PP12a, Rub13, SvdH11, Zha12c, vdH13]. **particular** [BBdH12, BDM+12, GOvdD14, ŠŠ11e]. **partite** [Zha14a, ZWL13]. **partition** [FdC14a, HM10, NS11a]. **partitioned** [BLL13, CGMS10a, CTW11, XCS13]. **partitioning** [Dru14]. **partitions** [CD10, Car13, GL10b, MS13b]. **Pascal** [DK12b, Kau12, Kim11b, VS11]. **passage** [NS11b]. **paste** [ST10b]. **Pate** [Pat12a].

Path [Est12b, Fuj11, HM14b, Nak13, SS14, Sin10c]. **paths** [AS12c, Gum13, Nik10b, QSW14]. **pattern** [AT11, AHL+14, AM14, BDH+12, CFJKS13, CL10b, DT11, HL11d, JMS11, LSR11, MGSW14, PP11a, WLHL10, YS13, ZLH+14]. **Patterns** [BKMS13, BVV12, BDM+12, BFH+12, CP10, EKSV14, GS11a, GLZ14, GS12a, GS13b, GOSvdD14, GOvdD14, GK14b, GB14, GOvdD12, GS12f, HJN12, HLS10, Hua11b, MZ14, Ma14, Mit11b, OTdDv12, YHH12, dS12a]. **Paved** [NT14]. **payoff** [AGK11]. **peak** [GS12b, PS14b]. **Peano** [ABGPSS14]. **peculiar** [RR14]. **pedagogical** [Kla10]. **Pellet** [Mel13]. **Ito** [HWG13]. **Massey** [KY13]. **PARAFAC** [ZHZF13]. **pencil** [Dod13, GHMPVP11, XD12]. **Pencils** [RS12a, RS14b, Bat14, BIT12, BCF14, BF14c, DKS13b, Dod10, DS14, FRS14, LLB13, MSP11, Rei11b, SBM11]. **pendant** [GFY10, LWZ11, LZ12b, LJY14, Suz13, XZ13c]. **pendent** [BNP11, BNP13, HJL10, NOL13]. **Penrose** [Boz13, xCwXL11, HF12, HZ11a, Ji12b, KS12a, MZ10, Nor11, Pat12b, RDD14, WJT13, XCS13, Yan14, ZZCW13]. **pentadiagonal** [Elo11]. **Perfect** [BP10, CG11, Beh13, LSC10, wTmS12]. **Perfectness** [FPC13]. **perform** [CHK+13]. **Periodic** [AS12c, BM10, Li12, ZLH+14, BdFdP11, BT13, Cal12, Fid10, SB12, Tsa11, Xu12, YM12]. **peripheral** [ZH11a]. **permanent** [Cra13, DdC13, Zha13, dF10]. **permanental** [AdF11, LZ13]. **permanents** [Brä12, CW12a, FH12b, PSW11]. **permissible** [Buj13]. **permutahedra** [Dah10]. **Permutation** [DF14, LS13c, RR14, SMC11]. **Permutation-like** [DF14]. **permutations** [AK11, BF14b, ST12]. **Perron** [Lim13b, Czo10, FGH13, FJMP14, JMP12, LN12, NV12, Pit11, ZH11b]. **personalized** [GPR13, Gle11, Kam10]. **Perturbation** [BV12a, BK11b, CM13, HZGY12, LNTgW12, MMRR12, AL13c, BI12, BBdH12, BBdH13, xCwXL11, CS10a, DD10a, DX13, Guo10b, Jai11, LS11a, LYS13, Lip10, MMRR11, MZ10, MA10b, Vul12, WF12, WL10a, YW10]. **Perturbations** [CGM11, CL14b, HZ11a, Bat14, BCdP11, BHKL10, BdS10, CL12a, DvDF11, FGR13, FGvRR13, Hua11a, HZJ12, MMRR11, MMRR12, RW12, Rod12b, SWA12]. **perturbed** [BDG13, BR14c, CGMS10b, GC12, GTV12, HH11a, Mat14b, PPZ14]. **Pete** [Bai11]. **Petz** [Fuj10]. **Pfaffian** [Buc10, TT10]. **Pfaffians** [Ika11]. **Phase** [FMNW14, Byd10, Gul11]. **phenomenon** [BL11, RR14]. **Pick** [AL13b, CH11]. **Piecewise** [FGQ11, CA10]. **piling** [OT12]. **Pinkus** [Gar10]. **Pisa** [BBG+13]. **pivot** [BH11b, Bri13, KB14a, KB14b, Mit11b]. **pivoted** [LQ11]. **pivoting** [VS14a, PQZ13, Raf14]. **placement** [BO12, RMT11]. **planar** [BHMO13]. **plane** [Buc10, Buj13, CM12b, HK13, MZ11, dlP11]. **planes** [Dau12]. **planning** [DT10]. **player** [Jun14]. **plus** [AGNS11, BH12, BM13d, Mer10, Mys12, MP14b]. **Poincaré** [BFdP10]. **point** [ACG14, CLCL12, CI14, DYW14, DD14, GOSV12, JH10, LWGM10, LWGM12, Per14, SS13b, Ter13, Wan11b, XX14, XSS13, ZWZ10]. **point-stabilizer** [LWGM10]. **points** [AK12a, AR10, BS11d, CN13b, GX12c, Li12, Pan12a, QH10, WLL14, Wu13a, ZZ11, ZZW10, ZZ10, ZZ12, ZXZ10]. **Poisson** [Mar13a, XX14]. **Polar** [CM10a, AGK11, CD10, CM11b, DoMP09, DMP11, GMP13, LNN14, LWGM10, LWGM12, MGLW11, MPP10, WLGM11, Wor13]. **pole** [BO12, KBS13, RMT11]. **Poloni** [Lim11a]. **Pólya** [Seo13]. **polygon** [VW10b]. **polyhedral** [LT10b, MS11b]. **Polynomial** [AM13a, LMM11, LM12, MM10c, Mar13b, AA11, AB12, ABSV12, BMS10, BN13, BC14b, BO11, BH11b, BHAP12, Cer10,

CL13b, DTL11, FH10c, Gna12, GX12b, GS12c, HB12, HP11, JKV13, KL13a, KL12, KH13, KdM13, KW13, Lee13b, LD12, LW13b, LM10c, MZ13, MW14a, Mel14, Moo11, PQZC11, Pet10, PT14, RO10, SK14, Sun13, TW14, VS14b, Wu10b, ZYL10, dCF12, vdW14].
polynomial-Vandermonde [ZYL10].
Polynomials
[NT12a, AAK11, AK12a, Aga14, AAT12a, AAT12b, AL14, Bal14, BM14a, BR14b, BK11b, BG12b, BL10a, BSS10, BH13a, BMM12, BR12, BW13b, CMS12a, CKS10, CN10a, CN11b, CL11b, Cim11, CD12c, DD10a, DDM12, DTS11, DW10, DD10b, ES11, FPC13, GMMFPSS12, GW13a, GN13, GS12d, GM11b, He14, HLW14, Hen10, HT10a, Hwa11, IM11, Kal13a, KHKT13, KH13, LT12a, Lan14, Lav10, LL10a, LZ13, MMMM10, MMMM13, MZ12a, MZ11, Mei13, Mel13, NV10, NT12b, Psa12, QY12, Qua12, RBP12, RL13a, Sha10a, Sim10, TTZ13, DDP14, DDM14, TGM11, TT11, VS13, WLLX11, WML13, WZ13d, dF10, dO12].
polytope
[CGSCZ10, CM10b, KAAK11, PSW11].
Polytopes [Dah11, ACDM14, Bar12a, Beh13, BG12b, BW13a, Dah12a].
polyvectors [De 11]. **Poncelet**
[Mir10, Mir12]. **Pontryagin**
[CD12c, Wor14, dSW12]. **pooling** [LHG10].
population [LLR14, MSvdD14, RM14].
porism [Mir12]. **Porta** [CMS12b].
portfolio [DBZZ14]. **Portuguese** [FdC12].
posed [BJRS11, HMR12, NRS12]. **poset**
[Kha13]. **posets**
[Dor10, GS12b, PS14b, SY12, Sim10].
position [AY13, FFG+11]. **Positive**
[AG10, BKV14, BLL13, Dru14, EEH+13, Fri11, Fur10b, Gar10, LV14, MYL13, Pop10, SH10, WD10, AHAPP10, AL13b, ACG13b, BH14a, BMW10, BS12c, BP11, BS12d, BR14c, BI13, BSU14, BCS13b, BLL12, BL14, BAD09, CRU10, Cen11, CM12a, DA10, DP10, FFJM14, FJ10a, FV13b, FGvRR13, FW14b, Fuj10, Fur11, GS12b, GD11a, Gna12, GST13, GR12, HP12b, HKPR13, HJN12, HN14, HS12c, ISYY11, Kak10, KSAM12, KS11c, Lac13, LLY11, LL13b, LT11a, LW13a, LLB13, Lim11b, Lim12, Lim14, MWZ13, MPS10, MW14b, Mat14b, MPT14, MY14, Mol11, MR10c, OTdDv12, PP14, dSP10d, Pep12, PV12, QS14, Ros12b, SSMS14, Tan10a, Voy13, WXH10b, Yam13, YFW13, YJ12, ZCKS12, Zha14b, Zim13, vdW14].
positive-definite [CM12a].
Positive-kernel [BKV14]. **Positivity**
[BMR11, BP14, FF10, GK14c, HH11a, JN13, JS13b, KS12a, Kus12, Peñ14].
Positivstellensätze [Cim11, SS12b]. **post**
[BDV12]. **post-Lie** [BDV12]. **posteriori**
[Cha12]. **Potapov** [FKR11a, FKR12].
potent [CLST14, DCIW12a, LRT12, LRT13, Rom14, SR13a]. **Potentially**
[BVV12, GOvdD12]. **Power**
[GW14a, AH13b, Für10a, GW14b, HQS13, JMS11, LY13, PP12a, SS11b, Seo14, SHS12, TL13a, WF14]. **powerful**
[LLH10, LYL13, YW11, ZLH+14]. **powers**
[BLdPS10, Bie14, CL13b, DXL13, GW10, GKR13, Jai11, JLW11, Pat10, Rim12, SS10b, WWG10, WZ13d, HOT13]. **pp**
[Bar10b, Gar12, Grü12, Lim13b, Rod12a, Tam12, Zha12a]. **PPT** [Lin14a]. **pre**
[BM13c, Pop12]. **pre-Hilbert** [Pop12].
pre-Jordan [BM13c]. **preconditioned**
[Jbi10]. **preconditioner**
[CJ10, DKOT12, GOSV12, Raf14].
preconditioners
[JZT14, LZ11a, PZVJ11, TDT13].
Preconditioning [BTYZ12, PIM+10, SS13b, Tre11, TD11, Wan11b].
predetermined [MVPS10]. **predictable**
[KS11a]. **Preface** [ACGN10, ACT14, Ano10u, Ano11-27, Ano12-29, Ano12-30, BBD+11, BBSMT13, BBG+13, BFBD13, BBD+13, BGL+11, CFPT12, EGLR14, FKLT13, KPRT14, BFH+12]. **Preliminary**

[Ara12]. **Preprocessing** [PQ10, PQZC11, PQZ13]. **Prescribed** [Kra12, Bar12b, BCdP11, BMSW10, BCŠ10, BC12b, BC14b, Fri11, LL10e, MS13c, NR10, Psa12, RS12a, RS14b, SDNS13, WL10b, YT13b]. **presence** [LS13a]. **preserve** [Cos11, FdC10]. **preserved** [DV10]. **preserver** [BMGMC12, RŠ10]. **Preservers** [BSK12, Ben13, FHL+11, HHL10, AMJ14, BEM12a, BEM12b, BSKL13, CD12a, Cos14, CFLY12, CLHQ14, KSB12, LPS13, LT11b, dSP10e, dSP12b, Per11, RdSP11, SA14]. **preserves** [Hua12b]. **preserving** [AA11, ABSV12, BB13c, BCS13b, Bou10b, BMS14a, CFL13b, CLS10, CL14b, DD10b, GN14, HLW10b, HQ13, lH10a, lH11b, HH11b, JG10, LL12, LP10, LP12, LLF13, LHL12, Lim10, LL10b, Liu14b, MS10c, PP11b, Rod12b, Ros12b, TGM11, ZH11a]. **Press** [Bar10b, Gar12, Gle11, Grü12, Lim13b, Rei11a, Rod12a]. **Pretty** [FG13a]. **pricing** [PZVJ11]. **prime** [DF14, DW14, FK13, Hir10, LL11b, LHL12, LL10b, QCH11, SS11b, Sbu10]. **Primitive** [AB12, CL10b, YW11, CL10a, HL10c, Kim10, Kim11a, KP12, Kim13b, LLH10, LYL13, PPK13, WLHL10, YHY14]. **primitivity** [Sch11, BM14b]. **Princeton** [Bar10b, Gar12, Gle11, Rei11a, Rod12a]. **Principal** [JS13a, BBC+14, BFdP11, BR14c, Bri13, BDOvdD12, FG13b, Guo10a, JN13, KB14a, KB14b, LS12d, OTdDv12, Sev13, TH11]. **Principally** [SS13e]. **principle** [Car11, Kra13, Lom13, MW12b, Puł11]. **Principles** [Gre13, CPZ13, GJ11, LLB13]. **probabilities** [Ber13b, VV13]. **Probability** [CR10b, LHH13, DD11d, GY13, OM14]. **problem** [AW13a, BBdH13, BV11, BM14a, BdFdP11, BCEM12, BBGM12, BCŠ10, Byd10, CPV10, CI10, CI13, DS11, Dod10, DS12c, DS14, Fan10b, FKR11a, GS10a, GEP13, GP12, HH12a, HRW99, HMP12, HLS11, HP04, JJKS11, JM12a, JDY13, LXL+14, LCwCL11, LJ11, LWY14, LGZ14, Mou12, MAM+13, MP10, NS12a, NM14, NS11b, Nik10a, OM10, PH12, yPjXL11, PRT13, SS11a, SS14, SS11c, SR12, ŠŠ11e, SMC11, TD11, VS10, Vul12, Wei13b, WJ12, XLG+13, YWX13, Zha12c, ZY12b, vdH13, LPK14]. **Problems** [MNZ10, AA14, AS10, jASZ12, jAS13, ACG14, Bal10, BBF+10, BFdP12, BT13, BdP13, Bey12, BN13, BC12b, BJRS11, Brä12, BMGMC12, CRS14, Dai11, DS13, DKOT12, DYW14, GMS12, GEP10, GJTP13, HMR12, Hog10, HWH14, Jar12, JV11, JRMFSS12, JW13, KKR11, KZ11, LT12a, LRST10, fLyH11, LZ11a, LL10d, LXK12, MS10b, MR10a, Miy14, Nak10, NRS12, NY14, Pin11, PPKR12, PE13, RŠ10, SVP11, SHZ10, SB11, Stu12, TmYsH11, Wan11b, Wei13a, wXL14, XE11, XSS13, YZ11]. **procedure** [LBLS12, SV11]. **procedures** [Pál13]. **Proceedings** [Ano10u, BBG+13, BFBD13, Ano12-30]. **process** [BFS11, FFS11b, GMS13, PPZ14, VV13, Vas14]. **processes** [KS10, MAGR13]. **Procrustes** [fLyH11]. **produce** [Tra13]. **Product** [PGM+11, AR10, Ali12, Aud10a, BM13c, BZZ+14b, Cal12, Cha13b, CG13, Che14b, CJK+13, CT14b, Dug12, EM11, FF10, Gha13, GK14a, GK12, HFS13, HTS14, HMT10, HLW10b, HP11, KSH12, KY14, tLyLWqW10, LPS13, LLF13, LD11, Lin14b, LH10b, Pat12a, dSP11b, RAAGAVS11, SP13, Sha13b, Sha11, Tad12, WLG12, ZCWZ13]. **product-set** [Cal12]. **Products** [ACG13b, BMN13b, Bot10a, CM11b, SZ14, AM13b, BG14b, CSV14, CLHQ14, DKS10, DD11c, DD14, Ens10, FHL+11, FJ14, GKZ11, HM14b, Hua11c, JG10, Kim12, KN13a, KN13c, KLZ14a, Koz14b, Kub13, LW12e, MARC13, Pep12, PV12, QCH11, SCSS10, Slo13, Slo14, Tan14b, Voy13, ZH11a, ZZCW13]. **Professor** [Lin11]. **profiles** [CEY14]. **programming** [AHAPP10, GS12b, GMH14a, LLD13,

LL13d]. **programs** [Sag11]. **project** [NN10]. **projection** [Cha10, Hua11a, LRV12, LB14, NN10, NN13, PPKR12]. **Projections** [BJ11, ACG13b, ACG14, BS10, CSC13, CM10a, CM11b, Ili10b, JG10, SS10d, WL10a, ZZCW13]. **Projective** [BH10, BEV13, De 11, DTL11, lH11b, LSV12, Mer10]. **projectors** [HRT13]. **Prony** [PT13b]. **Prony-like** [PT13b]. **Proof** [Das11, Das13, JS13a, ZW12a, BL13a, CP12, Cho13, Dom10, FGG10, GS12a, Hil14c, Kak10, KN13c, Kon13, LYL13, Rho10, Yam13, ZY12a, vdW14]. **proofs** [CHZ13, Dra14, FF10, Sat11, Sat14]. **proper** [MS12, TG13]. **Properties** [ANF11, CFLY12, DCIW12b, HM14a, ÁNPQ12, ACG13a, BHDW12, BCD10, BB14, BJ10c, BLS14, CPV10, CJ11, Dax10, Den10, DJK12b, DGMS10, Far11b, FPC13, FH10a, FH13, FJ10b, GB13, GM11a, GM11b, HG11b, HL11d, Hun10, Hun14, ISYY11, Jun12, KKL13c, Kus13, LaG12, LZ13, MŠ10a, Nor12, Ref12, Rod11, Rod12b, ST10b, SSZ13, SSR13, Sto11, Tre10, Tre12, WC11, Zho12]. **property** [Aud13b, Bai14, Bal10, Ben10, CL12a, CGSCZ10, DK14, GTR12, GLS13a, JV10, JV11, KP14a, KS11a, Lán10a, LNN14, Mor10, Mou12, NP13b, PP12b, Puł11, Slo12b, Tao13, TGS14, AGPPF12, LV14, UW11]. **protocol** [AIP12]. **PSD** [LMT10]. **Pseudo** [Fio12, WC12, BdP13, Kni14, Wik11, Wik12]. **pseudo-determinants** [Kni14]. **Pseudo-distance-regularized** [Fio12]. **pseudo-random** [Wik11, Wik12]. **pseudo-symmetric** [BdP13]. **pseudographs** [LL14d]. **Pseudospectra** [RR11, AGV12]. **pseudospectral** [ABBO11]. **pseudospectrum** [CFLY12]. **Pták** [Ser13]. **PU** [XJ10]. **Publications** [Ano13e, Ano13f]. **Pure** [BFBD13, HQ13, SK14]. **Putnam** [DK14]. **pyramid** [BPDC14]. **Python** [GS12b].

Q [Tao13]. **QR** [BBE+10, LYS13]. **QRacah** [wH12]. **QTT** [KRS13, Sav12]. **QTT-rank-one** [Sav12]. **Quadratic** [GKS+10, KD12, Pol13, BCY12, DS11, Den10, EY13, GS10a, GLP+13, GS12b, Gre12, HMP12, Hu10, JV10, Jun14, KS11b, LT12a, MPS10, MR10a, Mei13, MP10, NT11a, dSP12c, Pop10, Sha13a, Tia12, TGM11, XSZ13, Zha12d]. **Quadrature** [BB10, Rei11a, BFRR14]. **quadric** [GS12e]. **quadrics** [Baj14, BS11d]. **quadriculated** [ST10b]. **quantized** [Han11a]. **Quantum** [Dug11, Wei11, BC14a, CHLW14, GZ13, HWSH13, Jen13, KLS12, SL14, Wor13]. **quantum-trace** [KLS12]. **Quasi** [aCCS14, CRU13, MS14a, Wu13b, BM10, BFdP12, BIT12, BDFP11, CRU14, DS14, DJK12a, ES13, ET13, Fuj11, GLS10, HTS14, HF12, Kim12, iO12, PLL12, WLHL10, WLL14, XM11, LBLS12]. **Quasi-** [CRU13, GLS10, CRU14]. **quasi-arithmetic** [WLL14]. **Quasi-Arnoldi** [LBLS12]. **quasi-Banach** [BDFP11]. **quasi-class** [DJK12a]. **quasi-inverses** [HTS14]. **Quasi-isometries** [MS14a]. **quasi-Jacobi** [BFdP12]. **quasi-Kronecker** [HF12]. **quasi-linear** [BM10]. **quasi-means** [Fuj11]. **quasi-primitive** [WLHL10]. **quasi-regular** [DS14]. **quasi-thin** [Kim12]. **quasi-tree** [XM11]. **quasi-trees** [PLL12]. **quasi-triangular** [ES13]. **quasi-Weierstraß** [BIT12]. **Quasi-Whittaker** [aCCS14]. **quasideterminants** [Abe11]. **Quasioptimality** [Sav14]. **quasiseparable** [BOZ10, BOZ11a, BOZ11b, OM12]. **quaternary** [BE10]. **quaternion** [Kyr13]. **Quaternionic** [Kim13c, KAAK11]. **question** [Cha13b, CL14a, Dru12a, Qui11]. **questions** [CL14b, Shp10]. **quiver** [Stu12]. **Quivers** [Sev10, GS12b, Lop11a]. **quotient** [BO12, Bot14, LL10d]. **quotients** [Dax10].

R [Gar12, Gem10]. **R.** [Vse12]. **Racah** [BC14a, GWH13, HWG14, NT10b].

racetrack [SS10c]. **Radial** [Sri13, CGR14, MZ11]. **radii** [CLS10, FKR11b, LSC11, LL11c, ST13, XZ13b, XG13, YWS11a, YWS11b]. **radius** [Alt13, Aud10a, BMSW10, BMSW11, BL10b, BNP11, BNP12, BNP13, BC14c, BS13b, CT10, CLS13, CKST11, CvDKL10, CTG13, DHLX12, Dai12, DP10, DZ13, Dum13a, FYI10, FN10, GLS10, GL12a, GP14, GR10, GMV11, GLS12, GL12c, GLS13b, HJZ13, HY14, Hua11c, KI10, Koz10, Koz14a, LLS12, LL13a, LS10, LT11a, LWZ11, LWV12, LP12, LS11b, LCZ10, LL10e, LX13, aLwW13, LLT12, MR14b, MP13a, NP12, Nik10b, NOL13, NLL13, OM13, OM14, Pep11, Pep12, SWT13, WXH10a, WB12, WZ13c, XZD14, XZ14, YFW10, ZW12a, Zha12b, ZHG13, Zho10, Zhu10a]. **radix** [Dum13a]. **radix-rational** [Dum13a]. **Rado** [CP12, OLW14]. **Rado-Horn** [CP12]. **ramified** [MM10a]. **Ramsey** [ZC14]. **Randić** [CFK10a, GMRS14, GFB14]. **Random** [Bod13, LAL11, Bos11, CLL13b, DLLS10, DLL11, PS12, Wik11, Wik12]. **randomization** [PQ12]. **Randomized** [PQ10, PQZ13, GO12, NT14]. **range** [Ali12, BT11a, CG13, Che14b, CN10b, CN11c, CN13c, DWXS12, DDK14, DGH+11, For14, GH11, HH12a, KI10, LPS13, NRS12, PT13a, PGM+11, Sha11, SL14, VU14, WC11]. **ranges** [ACG13a, BS12a, CGWW13, CN11a, CN12b, CP11, CLS10, DD11d, Gau10, GW13a, GTW13, GW14b, GZ13, HMP+11, Lee13a, TW11b, Tsa11, WW13a]. **Rank** [BCS13b, DP12b, FGvRR13, IW13, LT11b, LX13, MNZ10, iO12, AAF+12, ABEV10, AHL+14, BGV12, BT10, Bal14, BBF+10, BBF+12, BKM+13, BBC+14, Bar10a, Bar13a, Bat14, BMN+13a, Bea12, BDG13, BR14c, BSU14, BC13, BdS10, BH13b, BRLS12, BHZ10, BDOvdD12, BKMS12, BZZ+14b, CT14a, CRU14, CR10b, CAV13, Cau11, CHY11, CHY12, CN11a, CN12b, CLS10, DHLX12, DoMP09, DGH+10, Dea11, DS14, DBZZ14, DGMS10, EHH+12, FM11a, FP13, FdC14a, Fra13, FL12, Fri13, GW13a, GG12, GS12f, HHMS10, Hog10, HCY10b, HCY10a, HZ11b, HTW13, IMA10, JKV13, KG12b, KRS13, Kim11a, Lee13b, LT10a, LC10, LTX14, MAGR13, MS13a, MR13, MR14a, MZ12b, MQ13, MQ14, MMRR11, MMRR12, Mit11a, MNZ12, dSP11a, dSP12a, Per11, Pin12, RW12, Sad12, Sag11, Sav12, SM13, SHS12, Shi11, Shi12c, SvdH11]. **rank** [SK12, SC10, Tia11b, Tra13, TDT13, WFM11, WZL13, WMZ14, Zha12d, Zim13]. **rank-** [BdS10, Fra13]. **rank-1** [SC10]. **Rank-one** [LX13, Bat14, DHLX12, Sag11]. **Rank-preserving** [BCS13b]. **Rank-width** [iO12]. **Ranking** [BEK13, Dah12b, Tra13]. **Ranks** [BL13b, BSK12, BSKL13, Ber13b, BBM14, CHLW14, Fri12, JZ11, KSB12, MQ11, Shi12b, Shi13, SSM13, Tia12]. **Raphael** [Ano13-27]. **rate** [CNPP12, EY13]. **rates** [GL10c]. **ratio** [EJLS11]. **Rational** [BKV14, Duk12, Duk15, Lom11, AL13b, AIL12, Baj14, BT11b, Boj13, Bre14, Dum13a, MR10b, MR14c, Rad13]. **rationals** [HNZ12]. **ratios** [BRA11]. **Ray** [LS12c, GS11a, JMS11, LSR11, LS13d, MGSW14, ZLH+14]. **Rayleigh** [LL10d, SS12c]. **rays** [BF14b, Hil12a, MZ11]. **rd** [CKAC14]. **Re** [NCI13]. **Re-nnd** [NCI13]. **reachability** [BLLM13]. **reachable** [SS10a]. **real** [Aga14, AKM13, AAT12a, Bal14, BGP13, BH13a, BDOvdD12, Bün14, Cau11, CGSCZ10, Coh14, Dai13, FGvRR13, Gre12, He14, Ikr10, Kal13a, Lav10, MS10b, MSS12, PR13b, RdSP11, Sag13, SYH14, WZ13d, Wód14, XZ13a]. **real-nonreal** [PR13b]. **realisable** [ES14]. **realizability** [CL14b, DHLX12]. **realization** [OZ10]. **Realizations** [BCdP11, BKV14]. **realized** [FW14b]. **reals** [KN10]. **Rearrangement** [TCL11]. **reasoning** [DD10c]. **receptance** [RMT11]. **Recht** [CMS12b]. **reciprocal** [DKOT12, KP14a, LaG12, NP13b].

reciprocals [GIP12]. **reciprocity** [SR13a]. **Reconstructing** [JMW11]. **reconstruction** [GHMPVP11, MRS12, Xu12]. **recovered** [Lee13c]. **recoveries** [JKN14]. **recovery** [DPF10, NNW14, PS14a]. **recruitment** [DT10]. **rectangular** [CRU10, CRU14, Coh14, DDM12, GY13, MRW11, ZCQ13]. **Recurrence** [LM10c, VS14b, lY12, Góm10, Lin10]. **Recursion** [JR11, BHAP12]. **reduced** [Hwa12, TW10a]. **reducibility** [GTW13]. **reducible** [Gau10, Kar11a, ZLH+14]. **reducing** [DFS14, LHZH11, MAGR13]. **Reduction** [CN11c, KS11b, BGW12, BDG13, Blö12, Cha10, KMS13, LS13a, LRV12, LBLS12, MAGR13]. **reductions** [BW12]. **redundant** [Fou14]. **refined** [BDM+12, GLZ14, GOvdD14, YHH12]. **refinement** [BK11b]. **refinements** [KMSC14]. **reflection** [MV12]. **Reflexive** [KS14c, DH12a, RRM11]. **Reflexivity** [Rud12, BJ10a, HW14a]. **Regarding** [Wal11b]. **region** [CKAC14, LSR11]. **regression** [ATS12, HLP12, LJ12, YiKIS12]. **Regular** [CD10, CLL13a, CCL14, GX12a, Han14a, KS13b, Kol13, Kub13, LS14, QSW14, Row12b, AAJ12, AKA13, Ban13a, BP12, Bat14, BIT12, BZ12a, CvDKP13, CSZ10, CR10a, CR10c, Cer10, CMNW14, CS13b, Cio10a, Cio10b, CW12b, CP10, DFG10, DvDF11, DS14, ES13, FGG10, Fio12, FP11, FG13c, GWW14b, GM14, HM10, HL10b, HLZ12, Hua12b, HLZP13, Hua13b, KS14c, KY11, KPY11, LZ10, LLN+12, Lee13b, LwW14, LLS10, LGZ14, MM10a, MSP11, MW14c, NS12c, NS12b, RTR10, SS10a, SSS13, SS13a, Ste11, WML13, vDF14]. **regularity** [CN10d, EdlP14, GZ12, SBM11]. **regularization** [HRT10, LRV12, SS10c]. **regularized** [Fio12, XSS13, LB14, LKN13]. **Regularizing** [FRS14]. **regulators** [EY13]. **related** [Ano12-30, BG12a, CD14, Car10a, CMS12b, Dah11, Dru14, Duk12, Duk15, GMS12, HW11, HP12b, JRMFSS12, KSAM12, KP14b, LRST10, Maz10, MPSS10, MTS11, Naj13, Nak13, Rah13, RO10, Sei14, SHZ10, Tim14, TT11, ZYL10]. **relating** [Ste10]. **relation** [CFJKS13, DdC13, GB13, JV10, LSH12, Yan10a]. **Relations** [LRT13, AK12a, ADW13, BR12, CM13, DW10, JR11, KP14b, LM10c, Mar11, Mar13c, Tim14, Wój14a, lY12]. **Relationship** [CN10a]. **Relationships** [HRT13, MS12]. **Relative** [BMM12, Sha10a, IIK+13, Koz14b, MS10c, Nak10, Nie11]. **Relaxed** [FFS11b, Nak12, SK14]. **Remark** [SK13]. **Remarks** [Lu12, PHS13, Rod11, dOHKS12, YY14c]. **removal** [MNZ12]. **removed** [LWV12]. **Rényi** [IIK+13]. **repetition** [BCF14, BF14c]. **replicated** [PYZ14]. **replication** [AT14b]. **report** [BFH+12]. **Representation** [BY11, OM12, YZ13, Ben14a, BD13, BBS12a, CM12b, CN11b, DMS10, DKM+14, Irv12, KAAK11, Kyr13, Qua12, Sag13]. **Representations** [DW11, XCS13, XSH14, jASZ12, jAS13, BY11, BE10, Buc10, CN12c, Den11, DD10c, Dor10, Han11a, IM11, Kaw13, LW12d, LZ11b, Ma11, Net10, NT12a, Qua10, RMP14, Ros12c, SY12, Sze14b, VS11, XSZ13, Yan14, GMT13]. **represented** [GN13]. **Reprint** [BOZ11b, Mar13c]. **Reproducing** [Wor14, Che13, CD12c, SST14]. **require** [BDM+12, GOvdD14]. **Required** [CP10]. **residual** [CI14, KOR14, Lin10, ZWZ10]. **residuations** [GMH14b]. **Resistance** [BYZZ14, BS11a, ESV+11]. **Resolution** [Ste10]. **resolvent** [BMW10, EFN09, EFN10, JZZ13, KL13b, Sah10]. **Resource** [Cec10, Wil11]. **resources** [Cec10]. **respect** [FZ11, ISYY11, KKR11, Wu10b]. **respective** [Köh14]. **restarted** [MV12, MSS12]. **Restricted** [Oto12, BT14a, Cha10, NRS12, Shp10]. **restrictions** [Wój14b]. **result** [Cam13].

Resultant [ER13, Rue13]. **resultants** [BL10a]. **resulted** [XX14]. **resulting** [Cha10]. **Results** [Tam12, AT14a, BG12b, CW12a, CvDKL10, CI13, DMS10, GL12c, LJ11, LKN13, LW13b, MH13a, MK12, MD10, Mos13, Naj13, PAS11a, RTR10]. **Retaining** [GR12]. **retrieval** [FMNW14]. **Reverse** [CIH11, BLdP12, DD11c, KSA11]. **Reversible** [GP13b]. **reversion** [Boj13]. **Review** [Bar10b, Gar10, Gar12, Gle11, Gre13, Grü12, Lim13b, Rei11a, Rod12a, Sla10, Tam12, Zha12a, Lan13]. **reviewers** [Ano12c, Ano11a]. **revisited** [CTW11, EM11, FHM13, Qua10]. **Rheinboldt** [Rua12]. **Riccati** [BJ13, GL10c, Guo13, LwCJL11, Per14]. **Richardson** [AW10, CDP10]. **ridge** [LJ12]. **Riemannian** [HP12b, Yam13]. **right** [KLZ10, LT12b, LT16]. **rigid** [BCS13a, Hen10]. **rigidity** [AN13, LV14]. **ring** [CGRVC13, DW14, KLZ14b, Pet10, TZ12b]. **rings** [Ada14, AKN12, ÁvW11, ÁvW13, AW10, BE12, BCDM13, CRS14, DWW14, DW14, Ere13, Gho13, Gre12, LaG12, Lak10b, LZ10, LD12, LZ12a, LHL12, LL10b, Liu14a, Mar10, MSvW12, RDD14, SS10a, SSS13, TZ12b, TZ13a, Wan11a, WC12, WW13b, ZZCW13]. **Riordan** [AMPT13, BH12, CJ11, CJL13, CK13c, He11, JLN13, LM10c, LMMS12, WZ14a]. **RIPless** [KG14]. **risk** [VV13, Vas14]. **Ritz** [Buj13, CH13]. **Robust** [KKB11, SBM11, FM12]. **Robustness** [MS14c, NRR+11, CKL+13, Fou14, MMP13b, MP13b, MP14b]. **Roger** [Lim13b]. **Roichman** [Alo14]. **ROM** [Hür13]. **root** [Bal12a, Bal12b, DHS10, FHS14b, FJMP14, Guo10a, JMP12, KAAK11, Lin10, PQZC11, TNP12, Vla12]. **root-finding** [PQZC11]. **rooted** [RM10]. **Roots** [GS12d, Abe11, BLS14, DKS13a, GS12b, HMP+11, He14, HL11b, MPT14, MR12, DDP14]. **rose** [LH13]. **rotation** [GTV12]. **Rotfel'd** [Lee10, Lee11]. **Rothblum** [Loe12, BMS14b]. **roulette** [CN12b]. **routing** [BL11]. **Row** [AAM12, Bar12b, CC10, Dod10]. **rows** [AG12, HTW13, PS12]. **Roy** [Pat12a]. **rule** [BB10, Ji12a]. **rule-based** [BB10]. **rules** [PR10, SB11]. **Ryser** [EGR12].

S [Bar10b, Sla10]. **Saddle** [ACG14, CLCL12, DYW14, SS13b, Wan11b]. **saddle-point** [DYW14, Wan11b]. **Said** [MM10b]. **Sakamoto** [Car10b, ZY12a]. **Salem** [Lak10a]. **same** [HZ11b, HZ12b, MQ13, SS13c]. **sampling** [DPF10, GHMPVP11]. **sandpile** [AV12]. **satellite** [FNY13]. **satisfy** [dCF12]. **satisfying** [Özd13]. **Scalable** [KOPT13]. **scalar** [AR10, Cim11, RAAGAVS11]. **scale** [KKM13, LRV12, LHZH11, Sad12, WCKL13]. **scaled** [LJ11, Sra13]. **scaling** [Fri11, JT11b, Ser13]. **scattered** [DS13]. **Schatten** [MTS11]. **Schauder** [Per14]. **schemes** [GH13a, GH13b, GZX14, GMV11, Kim12, MGLW11, MW12a, MW14a, WLGM11, ZY12b]. **Scherk** [dlCdlRMP14]. **Schmidt** [AS14, Wil13]. **Schmidt-Spitzer** [AS14]. **Schneider** [Tao11]. **school** [FdC12]. **Schreier** [FP13]. **Schröder** [EWY12, lYnZpYH13]. **Schrödinger** [WZ14c, aCCS14, DLMZ14, Dub14, WZ12, WZ13e]. **Schur** [Aud13c, BFS11, CGMS10a, DV10, DW11, FKR11b, GS10c, GLS13a, GK12, HMS13, HL10b, KL12, KY14, LH10b, LHZH11, LZL12, Ney11, Seg14, SC12, Sto12, Tim14, tHR13]. **Schur-type** [BFS11]. **Schwarz** [GD11a, GO12]. **Science** [CS11]. **Scrambling** [Kim13b, CL10a, HL10c]. **SDD** [GEP13]. **Search** [MŠ10a, CKAC14, Gle11, Kam10, WZ14b]. **secant** [BL13b]. **secants** [BBCC13]. **Second** [Bar10b, AHL11, Bos11, Böt13, CCL14, Das10b, Das11, Kal13b, Kol13, KY11, KPY11, LY11a, LBLS12, LGS13, LHW11, LS14, SS11d, Sta12, Tam12,

WZY14, ZLW12, dLN13, vBM13]. **second-neighbor** [Böt13]. **second-order** [LBLS12, LS14, SS11d]. **section** [Sha14b]. **Seidel** [DHS10]. **selecting** [HYF14, YiKIS12]. **selection** [dHM11]. **Self** [OR12, RS14a, SS11d, ADW13, BT13, DL14, DZ12a, Gle11, HSZ12, Kam10, MSS14, SSR13, Tif11, vBM13, BDK11]. **Self-adjoint** [OR12, RS14a, SS11d, ADW13, DZ12a, HSZ12, SSR13, vBM13]. **self-dual** [MSS14, Tif11, BDK11]. **self-organizing** [Gle11, Kam10]. **selfadjoint** [Dra12a, MMRR12, RS12b]. **Semi** [LW12c, Vas14, AS12a, BCS13b, BLL12, BL14, CKAC14, CT14b, DYW14, FKR11b, GL10a, Gon11, Hun10, KN13b, LLB13, Lop11a, VV13, ZH11a, vdW14]. **semi-Cayley** [GL10a]. **Semi-centralizing** [LW12c]. **semi-convergence** [DYW14]. **semi-definite** [BCS13b, BLL12, BL14, LLB13, vdW14]. **semi-groups** [KN13b]. **semi-Hilbertian** [AS12a, Gon11]. **semi-invariants** [Lop11a]. **semi-linear** [CT14b]. **semi-magic** [Hun10]. **Semi-Markov** [Vas14, VV13]. **semi-nonnegative** [CKAC14]. **semi-radii** [FKR11b]. **semi-symmetric** [CKAC14]. **semi-triple** [ZH11a]. **semicrossed** [DD14]. **semidefinite** [AHAPP10, Bal10, BMW10, BMN+13a, CPV10, Dea11, EEH+13, FJ10a, FS14b, Fur10b, Kak10, LV14, Mit11a, MNZ12, Net10, Pop10, Sag11, Sag13, SM13, SvdH11, WXH10b, Zha14b, Zim13]. **semidefiniteness** [Dru14]. **semifields** [Sin10a]. **Semigroup** [Mer10, Tan11]. **Semigroups** [Sem10, BPA+11, BMR11, CD13, Jun12, KLP13, Mar10, OR12, PRW11, Pop13a, SLS13]. **semilinear** [KP13, ySpW11, ySpW12, ySpW14, dOHKS12, dOFK+13]. **semimodules** [AGNS11, BH11a, LT10a, Sin10a, SN12, SN14, Tan14a, Tan14b]. **seminorms** [GD11a]. **semipositive** [JT11b]. **Semiregular** [BL10b]. **semiring** [FKW13, JP11, SB11, Tan14b]. **semirings** [AB12, BHMR12, DO11a, DO11b, KP13, KSB12, Per11, SS11c, Shi11, ySpW11, ySpW14, Tan14a]. **Semiseparable** [Gem10]. **semisimple** [FG13c, HT10b]. **Semismoothness** [LQY13]. **semispaces** [NS11c]. **semitransitively** [BM13b]. **sense** [JP11]. **sensing** [ALPV14, KG14, PS14a]. **Sensitivity** [Cas13]. **Sep** [Gle11]. **separability** [HQ13]. **separable** [AS12b, Nie12, tHR13]. **separate** [DU14]. **separating** [LV11, LT13]. **Separation** [Bar12a, AHL+14, BH11a, CJ14, LH10b, NS11c, vdH14]. **separators** [NdM13]. **sequence** [AW13b, BBC+14, BMSW10, BDS13, BDFP11, BCFP12, BDOvdD12, CCGR13, CGTR14, CH12, CK14, DP10, Lac13, aLwW13, MN12b, PPK13, Pep12, TD13, Tan10a]. **sequences** [BV12a, Ben10, BHKL10, CC12, CL13b, CPK11, Dum13a, FKR11b, FKR12, FKM13, HNZ12, JJKS11, JMP13, LL10e, LM10c, SCS11, Sev14, SV13, VS14b, Wan14a, lY12, dF10]. **sequential** [Dug11]. **Series** [Gar12, Rod12a, Zha12a, dMR12, BGP11, Boj13, He11, KM14, Lak10b, Slo12a]. **set** [AHLvdH13, BS14, BB13c, BHvdH11, Cal12, FdC10, JZZ13, Kim13b, LT11a, Lop11a, LdlP11, MS13b, Mar14a, Roh11, Tan10a, XWD13]. **Sets** [FdC14b, PV12, BBH+12, BJ10a, BH11a, Cal12, CSZ10, CR10c, CP11, CLHQ14, Dau12, FHL+11, GLZ14, HT14, HHL10, HRT13, HCY10b, JSS13, Lim13a, MH13b, Mey12, MS11b, NN13, Net10, Pep12, PR13a, Row14c, Sin10b, VW10b, WLHL10, YHH12, ZY12b, ZSWB14, Ziv12, dS12a, dSC14, vdH14]. **setting** [GJ11, Gul11]. **seven** [BSU14]. **Several** [GL14, ZY12b, CHZ13, FJ10b, Pro10, SV11, Zha14c]. **Seysen** [Maz10]. **shadows** [DGH+11, GZ13]. **Sham** [YM12]. **Shannon** [IIK+13]. **shape** [Cha14, GL10b, HG10, IS14b, NT10a]. **shapes** [HJN12]. **Shapley** [FDS13].

sharable [Cec10]. **share** [Pro10]. **Sharp** [BS13b, CW10, CLS13, DZ13, HJZ13, NCdS14, Pel14, XX14, XZ14, YWS11a, ZLW12, AHS10, CTG13, DFR13, Der13, HG11b, INT11, KHG14, Lan14, RMAJ10, RL13b]. **sharpened** [Alt13]. **Sharpening** [Reh10]. **sharply** [MW12a]. **Shaun** [Gar12]. **Sheffer** [He11, Wan14a, lY12]. **Sheffer-type** [He11]. **Sherman** [MS11a]. **shift** [CN13a, CN13b, GTW13, HG11a, Mei13, TW11b, Tsa11, VU14, WW13a]. **shift-and-deflate** [Mei13]. **shift-invariant** [HG11a]. **shifts** [KY14]. **Shorrocks** [JP11]. **Short** [Mir10, BL13a, KN13c]. **Shortest** [Voy13]. **shrinking** [MD12c]. **sided** [CRS14, LYS13, PPZ14, Šeg10]. **Sign** [AT11, BDM+12, Hua12b, OTdDv12, AHL+14, BP12, BDH+12, BKMS13, BC14c, CFJKS13, CL10b, CGSCZ10, CP10, FHS14a, FHS14b, GLZ14, GS12a, GOvdD14, GK14b, GB14, GIP12, GOvdD12, HL10b, Hua11b, HLZ12, HLZP13, Hua13b, JMS11, KKB11, MMRR12, PP11a, PR13b, WLHL10, YS13, dS12a]. **sign-definite** [KKB11]. **sign-matrices** [CGSCZ10]. **sign-patterns** [dS12a]. **Signal** [BOZ10, BO12]. **Signature** [HW14c, HLZP13, O'D14, Sin10b, WF14]. **signed** [AHLvdH13, AT14b, Bel14, FWW13, GKZ11, LLH10, LYL13, Vij14, YW11, ZBW12]. **Signless** [BZ12a, YWS11b, Zho10, ACG+11, ACM+12, AOTR13, BMSW11, CT10, CW10, CT12, CTG13, CS10b, Das10b, Das11, DLS14, FF12, GK14b, GW13b, GCY14, HL10a, HL12, HJZ13, HY14, LS10, LWZ11, LW12b, LZ12b, LTS13, LL10c, LL11c, LLT13, LL14b, LL14c, LSD14, MK12, NLL13, TW10a, WB11, WF12, XZ13b, YY14a, YFW10, YWS11a, ZZ13, ZHG13, Zhu10a, dLOdAN11, dLN13]. **Siler** [CPH11]. **Silva** [FdC12, LPQdS10]. **similar** [GS12c, HLZP13]. **similarity** [Bar10a, Bar13a, CAV13, CD11, CLHQ14, Far11a, FGS11, FFG+11, FJ14, FHS11, Ger12, LNT13, dSP10a, YY14b]. **similarly** [Nie12]. **similitudes** [GS12e]. **Simple** [ATS12, CBB13, GJTP13, WZ13e, Dub14, FGG10, KZ10, MB13, RR11, ZY12a]. **Simplification** [dO12]. **simulation** [Hür13, LAL11]. **Simultaneous** [BLLM13, GHS13, LS13a, LV11, LV12, MM11a, Ara12, Bar10a, Bar13a, Gna12, dSP10a]. **sine** [LdS13]. **Singer** [DH12b, WY14b]. **single** [BR14b, MM12]. **Singular** [AK12b, BHZ10, CN13b, DS10, HK10, BFRR14, BGV12, BCEM12, BR14c, CQYY13, DD10a, DW11, DYW14, DdF13b, DdC13, DLV13, Dur12, GH13a, GH13b, GZX14, HSZ12, JK13, KN13b, Liu14a, LS14, MB13, MM11a, ND11, Nik11, OLW14, dSP10e, RR14, Siv13, Vul12, Wül13, XSS13, ZCQ13, ZJ10, ZH12]. **singularity** [dSP12b]. **Sivasubramanian** [Sat14]. **Six** [CdGS12, LGSC14, DK13a]. **Six-dimensional** [CdGS12, DK13a]. **size** [BL12, Cir13, NS11a, ST12, SBMT10]. **skeleton** [ACDM14]. **sketching** [NNW14]. **Skew** [ABS14, CCF+12, DKS13b, MMMM13, AW13a, ABS10, CLL13a, CLL13b, CD12a, CLHQ14, DYW14, FM11a, GX12a, GHW+13, IMA10, LL11a, LL11b, LHL12, MS13a, NS12c, iO12, Özd13, Sev10, Sev14, Sha14b, TT10, Tia11a, WZY14, XG13, YT13b, Yan10a, Zhu12c, de 13]. **Skew-adjacency** [CCF+12]. **skew-energy** [WZY14]. **skew-Hermitian** [DYW14, Sha14b]. **Skew-symmetric** [DKS13b, MMMM13, AW13a, CD12a, FM11a, IMA10, MSS12, iO12, Özd13, Sev10]. **skew-symmetrizable** [Sev14]. **skews** [Hil13]. **slack** [GGK+13]. **Slant** [GS10e, Sed11]. **Slepian** [FZ11]. **slice** [Fri11]. **sliding** [Koz14b]. **small** [BLL13, Cal12, DGH+10, DGZ13, DD10b, FK13, JSS13, Kol13, NS13, Shi12c, WB12, YFW13]. **smallest** [GK14b, GLS12, Kal13b, KPY11, ZHG13, ZJ10, dLOdAN11]. **Smith** [FP11, MMMM13, RRM11, Sad12, TW14, Wil14]. **Smooth** [LM10b]. **Smooth/impulsive**

[LM10b]. **snub** [KAAK11]. **Sobolev** [KKLY14, RBP12]. **Sobolev-type** [KKLY14]. **SOC** [PCC12]. **SOC-convex** [PCC12]. **SOC-monotone** [PCC12]. **Solution** [Ano12a, Byd10, Dru12b, HJLS11, KPRT14, LwCJL11, CQYY13, CI10, DS11, DD11a, DDG+13, DKS13b, Dod10, DS12c, GKL11, HMR12, HLS11, Ji12a, Jim10, KMS13, KD12, LCwCL11, LHZH11, LdlP11, MS11a, PLS14, Per14, Roh11, SMC11, VS10, pWlW14, Zha12c, ZLD11]. **Solutions** [Brä12, AiS13, AG10, BLLX11, BM10, BM12b, DH12a, FMWW12, FH12c, Fur10b, Kyr13, LV11, LV12, LLD13, LL13d, LTX14, Mir12, Miy13, Miy14, Sag11, SW11, WW10, WD10, XSS13]. **Solvability** [LLW14, XSZ13, Bie13, Hla13]. **Solvable** [SM10b, WGL12, CLOK13, CKLO13, CM13, KRH14, LMO16, MSvW12, ŠK10]. **solve** [Bou11]. **solved** [AA11]. **Solvents** [LT12a]. **solver** [PPKR12]. **solves** [BGW12]. **Solving** [BN13, MZ12b, MSP13, PQ12, SB11, TmYsH11, WCKL13, Bey12, HN10, KKM13, SK14, SHZ10, XX14, ZY12b]. **Some** [AT14a, BDH+12, BCD10, BS12d, CPZ13, CW12a, CGM+10, Cra13, CLHQ14, CI13, Dai13, DD14, FH10a, FH13, Fie13, GL12c, HG11b, Hun10, JLN13, JL12, KK12, KK13, tLyLWqW10, LJ11, LKN13, LCZ10, LSD14, MA12, Maz10, MK12, MS14b, Naj13, NPP13, SYH14, Shp10, Sta12, Sto11, TKLX14, TPZ12, Wad14, WXH10a, YW10, YY14c, Zha14c, ZBW12, AM13a, AdFM11, BP14, Bar13a, BM12b, BRZ13, BH11a, BZ12a, BZW14, CRSS14, Cau11, CHZ13, CFL13a, DH12b, Duk12, Duk15, Fan12, Fis14, Fra12, Gha13, GL10c, HLW14, HG10, HG12, HL11c, JNS13, KI10, KKR11, KJK13, KP14b, Kus13, Kyr13, LLD13, LY13, LW12e, LHL13, MZ11, MR12, MN12b, Nat13, RRKK12, RMAJ10, RM10, Seo13, SHZ10, SSZ13, wTlW13, Uch10, VU14, WW10, WFM11, WW13d, Wód14, Wój14b, YT13a, Zha12b, Zho11, ZCWZ13, ZXZ10, ZH12]. **Some** [DGGJ11, SBMT10]. **Somos** [CH12]. **Somos-4** [CH12]. **SOR** [LMT10]. **Sorensen** [BELK12]. **Space** [Bra10, And13, BV12a, Bai14, BR11, BFK+13, BEV13, BPDC14, DK13a, DK13c, CD12c, Dai13, DK11, DK12a, DK13b, DV14, DWXS12, DK14, FP14, GH13b, GN14, HKK+12, HN14, dHLMS13, KLP12, LSV12, MARC13, Mat13b, Mer10, MMM13, PO10, dSP11b, dSP12b, PGM+11, QH10, Ros12b, Tim14, pWlW14, WC11, vBM13]. **Spaceability** [BS14, BDFP11, BCFP12, CGMPSS14, RS14c]. **spaceable** [BFPSS12]. **Spaces** [Özd13, dSP14, Qui11, AS12a, AM13c, ARZ11, ABGPSS14, BG13, BDD14, BdFdP11, BDFP11, BCFP12, BCF12, BRZ13, Bud11, CD10, Cau11, CM13, Cir14, De 11, DW10, Dra12a, DP10, DX13, Dub14, Fan12, FM11a, FFS11b, For14, GZX14, Gon11, GLW13, GL14, HMT10, HZ11a, Hua11a, HZGY12, HZJ12, KP13, Kec13, Köh14, Lac13, Lán10a, LMM11, LM12, LHG10, LT11b, LT13, MMS12, MZ12a, MZ11, MM13, MN12b, OLW14, dSP12a, Pep12, Per11, PT13a, RAAGAVS11, RS14c, SP13, SST14, ySpW11, ySpW12, ySpW14, SM12, TD13, Wal11a, WLGM11, WY13, Wój14a, Wol12, Wor14, YW10, ZHQ14, de 13, dSW12, tHR13]. **spanned** [LT10a, RY12a]. **Spanning** [GS10b, Bap10, CW12b, Góm10, LS13b, LHL14, LHGL14]. **Sparse** [Ano12a, Dum13b, GP13a, KR12, KPRT14, PT14, CCL14, MSP13, NNW14, Rue13, Wan11b]. **Sparsity** [KKL13c, DT11, JKN14, MZ13, Zho12]. **Special** [BM13c, GRS+10, HP12a, LPQdS10, Stu13, AAH13, BDH+12, DGMS10, FM11b, FV13b, FKLT13, HLS10, Nor12, Nor14, PdFDV14, RR14, TZ12a, TD13, Xu12, BBD+11, KPRT14]. **specified** [Nik10b]. **Spectra** [Bal12a, Bal12b, Bru10, CD12b, DL14, DK13d, JMP10, LL13c, MM11b, Nor14, Vla12, ABS14, AH14, BV12a, Ben13,

Ben14a, Bou10b, BZ12b, BZW14, BW12, CTW11, CL12c, CS11, Ili10a, JZ14, LaG13, Laf12, LS14, LSD14, NP14, WS12, WY14a]. **Spectral** [ÁNPQ12, AS10, AW13b, Aud10a, BV13a, CR10a, FN10, GM11b, HY14, JS12, Kal13b, LS11b, LHW11, aLwW13, Lop11b, LLT12, MW14c, Ref12, RM10, SS13b, SSR13, DDM14, UZ14, WB12, WC11, Alt13, AH10, BT13, BdP13, BMSW10, BMSW11, BR14b, BL10b, BNP11, BNP12, BNP13, BH13a, BC14c, BZ12a, BS13b, CT10, CLS13, CLL12, CKST11, CvDKL10, CTG13, CS10b, DHLX12, Dai12, Dai13, DD10a, DP10, DZ13, Dum13a, FYI10, FZ13, FGG10, FG13b, Für10a, FJ10b, GLS10, GL12a, GR10, GMV11, GLS12, GL12c, GLS13b, GW13b, Güv12, HJZ13, Hil12b, HH11b, Hua11c, JZZ13, KG12a, Koz10, Koz14a, KKL13c, LLS12, LL13a, LS10, LT11a, LSC11, LWZ11, LWV12, LS12b, LCZ10, LL10e, LL11c, LW12e, LHWL12, LH13, LHL13, LX13, MR14b, MS13c, Mou12, MP13a, NP12, Nik10b, Nik13, NOL13, NLL13, OM13, OM14]. **spectral** [PLL12, Pep11, Pep12, PR13a, PS12, PRT13, PS14b, SWA12, SBMT10, SWT13, SR12, Ste11, WXH10a, WZ13c, WL10b, XZ13b, XZD14, XZ14, XG13, XE11, YFW10, YWS11a, YWS11b, ZW12a, Zha12b, ZHG13, Zho10, Zhu10a, vDF14, CHK+13]. **Spectrally** [Bot10b, ES13, GS11a, GS12a, GS13b, MGSW14]. **Spectrum** [DHKQ13, KM12, Suz13, ACM+12, AR10, Ang13, jASZ12, AT14b, BS11b, CJ12, Cos11, Cos14, CT12, CI14, Drn13b, FTDA10, GL10a, HLW10b, HZ12b, Kra12, LV11, LHWS13, LL14b, MSP11, SDNS13, TW10a, Ter11, ZWZ10, ZH11a, ZL11, vBM13, RY12b]. **Spedicato** [MAGR13]. **speed** [Zhu11b]. **Spheres** [PP13a, KK10, KK12, KK13]. **Spherical** [DGGJ13]. **spill** [KD12, MD13]. **spill-over** [KD12, MD13]. **Spin** [PP13a]. **Spitzer** [AS14]. **splines** [ACG14]. **split** [JZ11, MD12a, MD12b, MSD13, Ros12c, ZY12b]. **splitting** [DYW14, MZ12c, Rad13, wXL14]. **splittings** [JM12b, MS12]. **spread** [CL14a, Drn13b, EHH+12, LL10c, OdLdAK10, SK13, WZL12, XM11, YL10]. **Springer** [Tam12, Zha12a]. **square** [BP10, Bot12, BLS14, Che14a, DD10a, DF14, FHS14b, GS12d, Lav10, MARC13, Nor12]. **square-free** [GS12d]. **square-zero** [Bot12, Che14a]. **squared** [Sad12]. **squarefree** [Hil14a]. **squares** [BW11, Byd10, CMNW14, CCL14, DS13, Dum13b, GJTP13, HMR12, dHLMS13, Ji12a, Kyr13, LLN+12, LJ11, LWY14, LZ11a, LGZ14, LXK12, MM10c, MR10a, Miy14, Nor14, PO11, PPKR12, Wu10a, LB14, LKN13, SS10c, Rod12a]. **SSM** [JV10]. **SSM-property** [JV10]. **stabilisation** [LS12d]. **Stability** [CN11e, Fou14, Kal13a, Lan13, Vul12, BV12a, BG12b, Dai12, Fis14, FV13b, GV11, GM11a, HDPT12, HKP13, HRT10, KKB11, LS11a, Mor10, OM13, PM10, PKR12, PP13b, RJH11]. **stabilizability** [FV13b]. **stabilization** [Liu13]. **stabilizer** [LWGM10, LWGM12, Ye11]. **Stabilizers** [GS12e]. **stabilizing** [BO12, GKL11, Per12]. **Stable** [BLLX11, JZ11, BR14c, BBS12b, DX13, GOvdD12, HZJ12, Köh14]. **stably** [DP12b]. **Standard** [AAT12b, ySpW12, BM12a, GH11, HH14, Hil13]. **Star** [DM11, RTR10, Row14d, JR14, PRT13, Row12b, Row14b, Row14c, ZSWB14]. **Starlike** [BZ12b, SHS12]. **stars** [FG13a]. **State** [Liu13, ARZ11, BP10, BLLM13, CFG+14, CG11, FG13a, GKS+10, RvS13]. **state-dependent** [GKS+10]. **states** [AS12b, CHLW14, HQ13, MS10c, SS10a]. **static** [Per12]. **stationarity** [Bos11]. **stationary** [FS14b, Gul11]. **statistical** [KS12b]. **statistically** [CC12]. **Statistics** [Zha12a]. **Stein** [Ara12, Fuh10a]. **Steiner** [FMT12]. **stencil** [XX14]. **step** [BCY12, DHLX12]. **Stewart** [Bai11].

Stiefel [FV13a]. **Stieltjes** [FKM13, PRT13]. **Stirling** [CD14]. **Stochastic** [Ben10, Pan11, DHS12, Fan10b, GS10a, GS10b, Gul11, HL11b, Hun10, HP04, JP11, LL12, LXL+14, LL14a, MZ12b, Mou12, MAM+13, PP11b, PSW11, SK14, Vas14, XLG+13]. **stochasticity** [Sha13a]. **Stokes** [OM10]. **Stopping** [Lim11a]. **Størmer** [HOT13]. **straightforward** [vdW14]. **Strakos** [Gre13]. **strategies** [CKAC14, Jun14, KM11, Sta14]. **strategy** [Raf14]. **Stratification** [JKV13]. **streaming** [NNW14]. **Strict** [BJZ12, CN13c, Cim11, Mol12, Alt13, Peñ14]. **strictly** [CRU10, HLZ12, LZL12]. **strings** [PRT13]. **Strong** [HDPT12, LL10b, Liu14b, LL13d, TZ12b, Bar10a, Bar13a, BCF14, BF14c, Car11, CPR10, HKP13, Hla13, LLD13, LHL12, BDK11, LV14]. **Strongly** [BMGMC12, Tif11, ÁvW13, Cam13, HMT10, HY14, LS12b, NS12b, PY10, Row12b]. **Structural** [CJ11, Zho12, DIP13, JDY13, LZ12a]. **structurally** [KBS13]. **Structure** [BR12, Bre14, Cer10, DGU14, ET13, Fuj10, LL12, AA11, ART13, BD12a, BBdH12, BRA11, BJRS11, CKS10, EFN09, EFN10, HG12, Hua12b, JLN13, JK11, KRS13, KW13, LS13d, MD12b, Mar14b, Moj14, Nit10, OT12, PGM+11, RE11, Rod12b, TGM11, ZYL10]. **Structured** [AAK11, AA14, BCF14, BF14c, CLCL12, AA11, AAT12b, Bat14, BdP13, BDG13, DKOT12, DT11, HF12, HL11d, Kak10, MMRR11, MMRR12, ST13, LBLS12]. **Structures** [DV10, GW14b, AM13c, BOZ10, BE10, BDV12, CNT12, CL12b, JKN14, KM13b, MW14a, MMMM10, RMT11]. **student** [DD10c]. **Study** [CNT12, KZ11]. **Sturm** [jAS13, KZ11, Qua10, SB12]. **sub** [JS13b, Nie13]. **sub-** [Nie13]. **sub-direct** [JS13b]. **subadditivity** [BP13]. **Subalgebras** [GS10d, BZWL13, Sed11, ŠK10]. **subclasses** [MS12, Siv13]. **subconstituent** [LWGM10, LWGM12]. **Subconstituents** [GW11, GWZ13, Gu13]. **subdiagonals** [CGM11]. **subdivision** [BYZZ14, GMV11, Gum13, LL13c]. **subdivision-edge** [BYZZ14, LL13c]. **subdivision-vertex** [BYZZ14, LL13c]. **subeigenvectors** [BM13d]. **subgraph** [CR10a, MW14c]. **Subgraphs** [Ter11, AAJ12]. **Subgroup** [FW14a, GH12]. **subgroups** [CJ14, HS12b, Slo12a, Slo12b]. **subject** [YFW10]. **sublinear** [NdM13]. **submanifolds** [Lim11b]. **Submatrices** [JS13a, BFdP11, FG13b, LS12d, LSH12]. **Submatrix** [FJMP14, JMP12, BC14b]. **Submodular** [FG13b]. **submodules** [NCdS14]. **subnormality** [JJKS11, KY14, TT11]. **Suborbits** [LWGM10, LWGM12]. **subpencils** [RS12a, RS14b]. **subpolynomial** [SR13c]. **Subresultants** [DKS13a]. **subscalarity** [KJK13]. **subschemes** [CM12b]. **subsemigroups** [Tan11]. **subsemilattices** [ABK14]. **subset** [Dai13, dHM11]. **Subsets** [Wód14, AM13c, CMRR13, Fra12, Liu14b, RS14c]. **Subspace** [Gre13, BEM12b, BT10, BT14b, Bou13, Cha10, DZ12a, FP11, JR11, MSS12, NP13a, NS11a, PY10, dSP11a, RRZ13, Wój14b, XE11, YZ11]. **Subspaces** [DGMS10, AW13c, BGV12, BFK+13, Cir14, Dom10, DKM+14, GH13b, GV11, Gro14, GS12e, GLW13, HW14a, HG11a, IJ12, Irv12, MMP13a, MD12c, PP13b, SSR13, WZ14b, BDK11]. **substitutions** [BK11a]. **substructuring** [Blö12]. **Subtracting** [SC10]. **successions** [MS13b]. **such** [KY11, LSTW13, MP14a]. **sufficiency** [XW11]. **Sufficient** [EGR12, CHK+13, LLD13, LS12d, Sha13a]. **Sum** [PR10, DDM14, AFHP14, AKZ13, AM14, AOTR13, BZ13, CSV14, DXL13, DZ12c, FHRT11, HMTR10, HTS14, Kaw12, KLZ14b, MPRW11, Mer12, Nik11, TT10, TT12, TZ13b, Zuo10]. **summable** [dMR12]. **Summary** [DK13a]. **summing**

[Cam13, Pel14, SR13b]. **Sums** [Bot12, dSP12c, Rod12a, dSW12, BW11, Bar12b, Ben13, BL14, BG11, CY11, EWY12, Fri11, IS14a, HS14, JS13b, Kra12, Lee13a, OM12, dSP10d, PT13b]. **sumset** [Cal12]. **super** [DKS10, Ros12b]. **super-operators** [Ros12b]. **superadditive** [Nie13]. **superalgebras** [LW12d, LCM13, MSD13]. **Superfast** [KMS13]. **supergraphs** [MNZ12]. **superoptimal** [CJ10]. **superpositions** [BMN+13a]. **superquadratic** [Kia14]. **superregular** [ANP13, CNPP12]. **Supplements** [HK13]. **support** [FK13, Wei11]. **supported** [GHMPVP11]. **supremum** [XDFL10]. **surgery** [CKL+13, NRR+11]. **Surjections** [Lim10, lH10a, lH11b]. **Surjective** [Bou10b]. **surjectivity** [BMS14a]. **survey** [AH10, AH14, Sei14, YS13]. **survival** [VV13]. **Suslin** [JR14]. **SVD** [Šeg10, Sto12]. **switched** [FV13b]. **switching** [Dai12, GKS+10, OM13, ZY14]. **Sylvester** [FH12c, FH10b, IW13, KS10, LV11, Lim11b, LSH12, Miy13, Qua10]. **Symbolic** [SPKS12, AMPT13, PS14b, dO12]. **symbols** [BS12a, BCD10, CRS14, KL12, SR13a]. **Symmetric** [BCMT10, Car10a, VS14a, JS13a, Lim11b, Qi13, Qua12, AiS13, AW13a, Aga14, ART13, Bal12a, Bal12b, BH12, BSK12, BSKL13, BdP13, BCEM10, BCEM12, BM13a, BBM14, BI13, BW13a, BDOvdD12, BK12, Bün14, CFJKS13, CL10a, CL12b, CL10b, CN11d, CD12a, CKAC14, DKS13b, Elo11, ES11, Fan10b, FM11a, GPT12, GKL11, HLZP13, HP04, IMA10, JV11, JDY13, KG12b, KM12, KL13b, LXL+14, LQY13, LNT13, LS14, LXK12, LTX14, MMMM13, Mar13b, MY14, MSS12, iO12, Özd13, Per14, QS14, RV13, Reg13, Rub13, Ruk14, Sag13, SS13b, Sev10, Sha10a, SS11d, Spe11, Sta14, TT10, TG13, Vla12, WLHL10, XZ13a, XLG+13, YT13b, YW11, Zho12, dS12a, GMT13]. **symmetric/skew** [MSS12]. **symmetric/skew-symmetric** [MSS12]. **symmetries** [AL14, EV11, fLyH11, MFGD14, Tre10]. **symmetrizability** [KKLY14]. **symmetrizable** [CGM12, Sev14]. **symmetrization** [Pál13]. **symmetrized** [Ber13a, HH14, Pat10]. **symmetry** [BLS14, MZ12c, Sko11, VW10a]. **Symplectic** [MVPS10, BFS11, DK13a, DK13c, DK11, DK12a, DK13b, GH13a, GH13b, Gu13, GLW13, Hil12b, LHG10, LWG13, dSP12d]. **synchronization** [VR12]. **Synthetic** [FN11]. **system** [DH12a, FMWW12, FZ13, KHG14, KAAK11, Köh14, LdlP11, MD13, RMT11, SHZ10, WD10, pWlW14]. **Systems** [BFK+13, PQ10, AW13a, BLLX11, Baj14, BBCC13, Bap10, BV11, BM10, BV13a, BH10, BTYZ12, BLLM13, CDP10, Car13, CC14, CA10, CLCL12, CMN10, Czo10, CN10d, Dai12, DZ12a, Dur12, EM12, ET13, FGQ11, FV13b, FS14b, GLP+13, GRdS12, GS10b, GHT11, GKS+10, HDPT12, HRT10, Hil12b, Hla13, IT11, KH13, KRvS12, KRvS14, KMS13, KKM13, Lan13, LBLS12, LHZH11, Liu13, LM10b, Mah11, MS11a, MZ12a, MRS12, MZ12b, Miy14, MSP13, Mys12, NP13a, OM13, PQ12, Per12, PKR12, RGC13, RS14a, SSS13, Sch10, SB12, SVP11, SW11, SS11c, Sha14a, ST13, Tre11, VB10, WZ13b, Wei10, Wor13, YM12, ZCKS12, Zhu11b, ZY14, Gem10, KPRT14]. **Syzygies** [Din11]. **syzygy** [KMS13]. **Szechtman** [Qui11]. **Szeged** [FTDA10]. **Szego** [Seo13].

tail [Han11b, Han14b]. **talk** [Stu13]. **Tallini** [HK13]. **tangential** [Fuh10b]. **Tanigawa** [Rah13]. **Tao** [MW12b]. **TCP** [SWBS13]. **TD** [IS14b, Nom14]. **TD-pairs** [IS14b]. **teaching** [MLC+10, PTPL10, TP13]. **technique** [Mei13, Rhe10, RŠ10, Row12a]. **Techniques** [DGH+10, IPFD13, KY14, Tam12]. **tennis** [Dah12b]. **tensegrity** [AN13]. **Tensor**

[Dug12, KS10, Nem13, SC13, BCMT10, CS13a, DKS10, Fri11, HM14b, HWSH13, Jai11, KRS13, Kub13, LPS13, LKN13, LQY13, MZ12b, Pat10, PGM+11, QS14, Reg13, Rho10, SE13, SC10, ZCQ13]. **Tensored** [FH10c]. **Tensors** [Bra10, TS12, Bal12a, Bal12b, BGK13, BBCC13, Ber13a, Ber13b, BBM14, BZZ+14b, BL13b, CPZ13, CQYY13, CKAC14, DQW13, FdCR10, Fri12, FKLT13, Fri13, HH14, KM11, Qi13, RV13, RE11, Sav14, Sha13b, SSZ13, SQ14, SSM13, UV13, Vla12, XC13, YHY14, YY14c, YY14b]. **term** [BSK12, BSKL13, BKMS12, FdC14a, KSB12, Tia12]. **terms** [CGMS10a, HJZ13, Hun14, MW14c, RL13b]. **Terwilliger** [GZH14, Kim12]. **tessellations** [CSAC10, CSAC11]. **test** [Ara12, Hua13b, Peñ14]. **testing** [Wal11b]. **tetrahedron** [IRT14]. **Tetris** [CHK+13]. **th** [Guo10a, HL11b, LSC10, LLH10, Lin10, TNP12]. **their** [AK11, BEM12b, BSKL13, BZ12b, BZW14, CEM14, CTW11, Dor10, FKW13, GS12b, GKZ11, GB13, GIP12, GLW13, GL14, HMS13, HK13, HQS13, HHLS14, JZ14, KKL13a, KKL13b, Lee13c, LH10b, LHZH11, LSD14, Lom11, MGLW11, MMMM13, MR12, MS12, MSS14, Mit11b, Mou12, NY13, Ogu13, QSW14, Qui11, ySpW12, Tia12, VS10, WLLX11, WS12, WML13, WY14a, Wód14, Wu13a, ZHQ14, Zha14b, ZZC14, Ziv12]. **theorem** [AS14, BH13b, Bri13, CH13, Car10b, CP12, DLNN14, Đok12, Dom10, Elo11, FTZ12, Fid10, FGG10, FGH13, Gum13, GK12, GMRS14, HH12b, Han13a, Hua12a, Hwa11, KN13c, Kra13, KW13, Laf12, LL14d, Mel13, MW12b, Nak12, OLW14, PR13a, Per14, Pit11, Pon11, Rho10, RL13a, RAAGAVS11, SY12, SSGL10, SRdAG10, Tao11, Wag11, Wat13, ZY12a, de 13, vDF14, Had12, Had13, Lee11, DDM14]. **Theorems** [CTW11, LHZH11, Bar12a, BFdP10, Hil12b, Nak10, Pin11, Sat11, Sat14, YW10, dlCdlRMP14]. **theoretic** [BB13c, Böt13, FH13, Kus12]. **theories** [MLC+10]. **Theory** [Ber09, BFH+12, MOA11, Sla10, Tam12, Zha12a, Ano12-30, AH10, BV12a, BPA+11, Beh13, BS10, BBS12a, CC14, CS10b, DD10a, DD11a, DD11d, GL10c, Ika11, JZZ13, KZ11, LN12, MMRR11, MMRR12, Nik13, NV12, PO10, RR12, RL13a, SB12, Sei14, SRdAG10, TN14, Zha12d, HB12, Lim13b]. **Thin** [God10, God12, Shi12a, Cer10, Kim12]. **Third** [Bra10, KM11, SHS12]. **Third-Order** [Bra10, KM11]. **Thirring** [Aud13a]. **Thompson** [ISYY11, Lim13a]. **Three** [Cha14, Dor10, HLW14, Kar11b, BS11d, CKST11, Cir13, DP12a, DD11c, Dra14, KS13b, LZG14, MAS12, dSP10b, WBWH13, vDO11]. **Three-by-three** [Cha14]. **Three-equipped** [Dor10]. **Three-parameter** [Kar11b]. **threshold** [Bap13b, JTT13, VDVJT13]. **thresholded** [GR12]. **tight** [Bod13, BW13a, DHS10, FMT12, HS12a, Sin10b, Szö13]. **tightly** [BS13a]. **Tikhonov** [LRV12]. **tilting** [PYZ14]. **Time** [Pol12, BCY12, BLLM13, BJ13, DT10, DZ12a, FV13b, HDPT12, HRT10, Jun14, Kir10, KM14, Liu13, Mah11, PKR12, RMT11, Sad12, Sha14a, WZ13b]. **time-delay** [Mah11]. **Time-domain** [Pol12]. **time-invariant** [DZ12a]. **time-varying** [Liu13, PKR12, Sha14a]. **times** [BRZ11, Góm10, PR10]. **Tits** [GS12b]. **TN** [JW13]. **Toeplitz** [BH12, BS12a, BCD10, BBGM12, BF14b, Bün14, CRS14, CGM11, DK13e, Elo11, Gar13, GG13, HR11, KL12, KMS13, KW12, LMYY11, LJY13, MS11a, RR14, Rim12, SCSS10]. **tomographic** [PS14a]. **TOP** [Sha10b]. **Topical** [SN12, Sin10a, SN14]. **topics** [Ano12-30]. **Topological** [Bud11, RS12c, ABGPSS14, FRS14, JZZ13, TN14, AJ13]. **topologies** [Sha14a, ZY14]. **tori** [CSAC10, CSAC11]. **torsion** [Wag11]. **Total** [HC10, LB14, BP14, Dum13b, Kus12,

LJ11, PO11, Peñ14, RMAJ10, YM12, SS10c]. **Totally** [BK10, FJ11, Gar10, HJN12, HWG14, AG13, CRU10, CRU13, CRU14, CDP10, FFJM14, GL12b, Hua13a, KS11c, Gar12]. **tournament** [BRLS12]. **tournaments** [BF14a, NS12c]. **TP** [HJN12, JW13, PS14b]. **TP-critical** [PS14b]. **Trace** [Aud12, BLdPS10, DK13e, LLB13, FL10, HH13, Hia13, KLS12, KK14, Lu11, MY14, MSvW12, Ros12b, Spe11, WLHL10]. **trace-preserving** [Ros12b]. **traces** [FF10, KHG14, WXH10a, WZ13a]. **track** [Han13a]. **Tracts** [Lim13b]. **traditional** [SLS13]. **traffic** [FGQ11]. **training** [DT10]. **transfer** [BKV14, BP10, CFG$^+$14, CG11, FG13a]. **transfer-function** [BKV14]. **transferring** [Wój14a]. **transform** [BH14a, Boj13, BJ10b, Bri13, DH10b, FK13, HFS13, KB14a, KB14b, O'D14]. **transformation** [DMMY10, Lak10a, Li12, LLMZ12, TZ13b, XZD14, XE11, ZLL12]. **Transformations** [FKM13, BB13a, Bal10, Buc10, DK13d, DD11b, DGAM14, DFS14, GTR12, HG10, HG12, JV10, RAY14, Sim10, wTlW13, Tao13, TG13, TGM11, VW10b]. **Transformed** [KS12b]. **transforms** [LdSP11, LdS13, Xu14]. **transition** [BANP12]. **transitive** [Kuz10, MW12a]. **translation** [GS12b, JMP10]. **transmission** [Wei13a]. **transport** [GL10c, LwCJL11]. **transpositions** [KM12]. **transversals** [AGK11, Fan10a]. **treatment** [AMPT13]. **tree** [Bap10, CGTR14, DT11, FHRT11, Góm10, GS10b, LLS11, MR14b, SHS12, XM11]. **tree-based** [MR14b]. **tree-structured** [DT11]. **trees** [AJRT14, AW13b, BL10b, BZ12b, CJ12, CW12b, DZ11, FZW11, FHRT14, GFY10, GLS13a, HL11a, HT10a, wH13, JNS13, KS13a, LSC10, LT11a, LWZ11, LW12b, LS13b, LGSC14, LY11b, LZ14, LHL14, LHGL14, MWZ13, NP13b, NOL13, PLL12, PdFDV14, RJ10, RJ11, Row10, SvdH11, SWT13, Tan10a, wTmS12, WT12, WF14, WL10b, XF11, ZZL11, Zhu12b, vdH13, JT11a]. **tri** [EN11]. **tri-additive** [EN11]. **triangle** [Dea11, MPSS10, PY10]. **triangle-free** [Dea11]. **triangles** [He13, LHL13]. **Triangular** [DGMS14, Kaw12, ÁvW11, ÁvW13, BBG14, BG14a, Ben11, BE12, Bie13, Cir13, CM14, CI14, DYW14, DW12a, DWW14, DW14, ES13, Ere13, FFG$^+$11, FdC10, Gho13, HC14, HW11, JQ11, LMYY11, MW12a, VS11, Wan11a, WWD13, WW13b, WX11, WMZ14, XW10b, XW12, XSH14, YZ13, YZ10, ZZ10, ZZ12]. **triangularizability** [YT13a]. **triangularizable** [dSP12c, RY12a]. **Triangularizing** [TTZ13]. **trichotomy** [MSP11]. **tricyclic** [CL11a, GL12a, LWZ11, LY11a]. **Tridiagonal** [BC14a, NT10b, NT11b, ÁNPQ12, AMJ14, BT13, BDH$^+$12, BDG13, BC12a, BK12, CM10b, GG13, HH11a, INT11, IT11, KHG14, LHLL10, MS11a, NT10a, Qua10, Rim12, SC12, Van10, Wül13, dF10, dS12a]. **tridiagonalization** [PPZ14]. **trigonometric** [CN11b, LdSP11, LLMZ12, Sra13, ZLL12]. **trilinear** [DS10]. **triple** [Mol13, Reh10, Reh11, SM12, XW12, ZH11a]. **triples** [AAT12b, BM12a, GWH13, HWG13, HWG14, wH12, Siv12b, Siv12a, Ili10b]. **Tripotency** [Kis15, XX12]. **tripotent** [Kis15, XX12]. **tripotents** [BY11]. **trivectors** [DK13a, DK13c, DK11, DK12a, DK13b]. **Tropical** [AGM14, AGK11, BS11d, DHS12, GS12f, dlP11, Cas10, CJR11, GMH14a, GMH14b, JK11, KNS14, LdlP11, Shi12b, Shi12c, SLS13, Wag11, Wil11]. **tropicale** [Cas10]. **truncated** [DK13e, Sto12]. **truncation** [Cha12, DGMS14]. **trust** [CKAC14]. **Tsallis** [IIK$^+$13]. **TSVD**

[BJRS11]. **TT-cross** [OT10]. **Tucker** [BGK13]. **tuples** [BDS13]. **Two** [AH13a, BC12a, BSST13, wH13, IPFD13, LB14, LHG10, LYS13, Ma11, Šeg10, Ste11, TT11, AKM14, AR10, AIL12, AK11, BB13b, Bot10a, Bot12, BS10, BS11c, BS13a, Brä12, BZ13, CGMJ14, CN10a, HO11, Hil14c, HMP12, Jun14, Kis15, KW12, KKM13, KR10, LLS11, LwCJL11, LSR11, Lop11a, LMT10, MW14a, Mar10, MH13b, MP10, NR10, NS12a, PPZ14, dSP10c, dSP12c, Pet10, PSW11, SW11, SH13, TZ12a, TH10, TZ13b, WBWH13, XX12, ZW12b, Ziv12, Zuo10, FF10]. **two-by-two** [BB13b, KKM13]. **two-cyclic** [LMT10]. **Two-dimensional** [Ma11, LwCJL11]. **two-level** [KW12]. **Two-lit** [wH13]. **two-parameter** [HMP12, MP10]. **two-player** [Jun14]. **Two-sided** [LYS13, Šeg10, PPZ14]. **two-variable** [AIL12]. **Tykhonov** [SS10c]. **type** [AiS13, AAT12a, AK11, BR14a, BRA11, BdlC14, BFS11, BC14a, CL12a, CA10, Dai12, DD11c, Dra12a, FPC13, GH13b, GWH13, GD11a, He11, HM14b, HWG13, HWG14, wH12, IS14b, JKN14, KKLY14, Lee10, Lin13, Lin14b, LXK12, MFGD14, NY14, NT10b, Pag12, Pat12a, Rhe10, ST10a, SE13, SS10c, Sch10, Seo13, Sev10, Sev13, Tao11, TPZ12, Wad14, Wik11, Wik12, Wil13, Wol12, Wor13, CGGS13]. **Typical** [SSM13, Bal14, Ber13b, Fri12].

UK [Lim13b]. **umbral** [Ern13]. **Unbounded** [And13, CGM12, For14, GMMFPSS12, Pop14]. **uncertain** [Liu13, Sha14a]. **Uncertainty** [Yan10a, GJ11, MW12b]. **unconditional** [LM12]. **underapproximation** [GP13a]. **underdetermined** [Miy14]. **Undirected** [CGMJ14, CFHL14, FS14a]. **Uni** [ZHZF13]. **Uni-mode** [ZHZF13]. **unicellular** [FGS11]. **Unicyclic** [AW11, AKM14, BMSW10, CLL12, DC14, DZ12b, FWW13, FYI10, GHW+13, HL12, HJL10, HLS11, Kal13b, KP14a, LFS12, LTS13, LZ14, SSGL10, YL10, YZF14, Zhu12c]. **Unified** [AM13b, JKN14]. **Uniform** [LMYY11, CD12b, JZZ13, Nik14, QSW14, XC13]. **uniformly** [MD12c]. **unimodular** [GY13, KBS13, MRW11]. **union** [Ziv12]. **unions** [Dau12]. **Unipotent** [CHJ13, Bot10a]. **uniquely** [KKL13a, KKL13b, Lee13c]. **Uniqueness** [LL10a, Der13, Mor10, Sta14, Wei13a, ZHZF13, Dra14]. **unit** [AG12, BR12, DW10, MPS10, Ref12, RL13a]. **Unital** [KLP13, BS12b, BG14b, Wan14b]. **unitarily** [FCL10, Fur12, Ikr10, MA12, Van10, ZH12]. **Unitary** [GPT12, Ger12, LNT13, AR10, BFK+13, Bud11, CLHQ14, Far11a, FGS11, FFG+11, FHS11, GHS13, KAMS11, LNN14, Li10, LWGM10, LPS13, LMW12, Mol13, Pop10, SY12, Ste13, Tad12, TMSS14, GTW13]. **unitriangular** [Bie14]. **Univ** [Gle11]. **univariate** [BL10a]. **Universal** [CFG+14, HO11, AAF+12, AN13, LV14]. **universally** [HCY10a]. **Universitext** [Tam12]. **University** [Bar10b, Gar12, Grü12, Lim13b, Rei11a, Rod12a]. **Unordered** [KS13a]. **unreduced** [Wül13]. **unstructured** [RW12]. **updates** [EM12]. **Updating** [SWA12, JDY13, KD12]. **upon** [CFJKS13]. **Upper** [BHKM13, CFL13b, DLS14, DZ12c, WZL12, AHS10, BBG14, CR10a, CGTR14, CLS13, Cir13, CM14, CGR14, CTG13, CI14, DWW14, DW14, FFG+11, FTA11, FdC10, Gho13, GLS13b, HC14, JMS11, PJ13, RMAJ10, RL13b, SK13, SWT13, TC13, WW13b, WMZ14, ZLW12, ZZ10, Zhu10b]. **upset** [BRLS12]. **Uriel** [BMS14b, Loe12]. **Use** [PTPL10, VS10]. **Using** [MS11a, TP13, AHAPP10, AHS10, BBH+12, BEK13, BRZ11, BTYZ12, BHAP12, CNT12, GS12d, Han11b, Han13b, Han14b, Kim11a, KZ11, MSP13, OM12, PS14b, RMT11, RW10,

SPKS12, TMSS14, UV13, VS13, WXH10a].

validation [LJ12]. **valuation** [AW10]. **value** [jASZ12, AK12b, BFRR14, BHMO13, BMSW11, CQYY13, DLV13, FDS13, FdC10, MM11a, NdM13, ST10a, XWD13, ZCQ13, ZJ10, ZHQ13]. **valued** [BJ10a, CD12c, KKR11, Nie13, SN14, Tia12, vBM13]. **values** [AHL11, AM14, Buj13, CH13, CN12b, CJK+13, EJLS11, HHMS10, HK10, Kra12, MB13, MP14a, Nik11, SS10d, ZH12]. **Vandebril** [Gem10]. **Vandermonde** [BOZ10, DU14, God12, KS14b, MM10b, ZYL10]. **vanishing** [KLZ14a]. **variable** [AIL12, KY14, LLY11]. **variables** [BW13b, DU14, Gna12, HYF14, Mat14a, Pet10, SV11, YiKIS12, Zha14c, dO12]. **Variance** [Aud10b, Fie13, Güv12]. **Variances** [CEY14]. **variate** [ANF11, DGJ10, Mat13a]. **variation** [Kal13b]. **variational** [CPZ13, TmYsH11]. **variations** [Mel13]. **varieties** [BL13b, NS14, Siv12b, Siv12a]. **variety** [Ber13a]. **various** [BBC+14, FJ14]. **VARMAX** [KS10]. **varying** [Liu13, PKR12, Sha14a]. **Vector** [FM11a, ABGPSS14, BG13, BJ10a, BCF12, DK13c, CD12c, De 11, DK11, DK12a, DK13b, DV14, FW14b, KM14, Nie13, PO10, PP13a, Pol13, RR14, Wal11a]. **vector-valued** [Nie13]. **vectors** [Aga14, Cos14, Dah11, Fan12, HL11e, Nie12, Sav12, ySpW12]. **Verdière** [GB11, Gol13]. **verification** [JNS13]. **Verified** [FH12c]. **Verma** [WZ14c, WZ12]. **Vershik** [GH12, Slo12a]. **version** [KSA11, Kon13, Laf12, MP13a, NS11c, Raf14]. **versions** [GO12]. **versus** [Aud10a, BI12, Bea12, PQZ13]. **Vertex** [EHH+12, BNP13, BYZZ14, CMRR13, CT11b, CJ12, LL13c, Row12a, TF10]. **vertical** [MV12]. **vertices** [ACM+12, AdFM11, BNP11, DdF13b, DdF14, FdC14b, Gum13, HJL10, LLS11, LWZ11, LZ12b, LJY14, MAS12, NOL13, SWT13, WF10, XZ13c, Zhu10a, Zhu11a]. **very** [FMNW14]. **via** [ABBO11, Alt13, BFRR14, BY11, BO12, BBS12a, Car13, Cas13, Che13, CK13d, CGSCZ10, DK12b, Fur12, GRdS12, JJKS11, KL12, KKB11, LRV12, LS12a, LM10c, MW12a, MW10, NM14, Qua10, Rad13, RRM11]. **view** [ATS12, HM10, JKN14, Ter13]. **viewpoint** [PO10]. **viii** [Grü12]. **Vitae** [Ano13d]. **Vol** [Lim13b, Grü12]. **Volume** [Gem10, Sav14]. **volumes** [GK10]. **Voronoi** [GRdS12]. **vs** [PCC12].

W [Zha12a]. **Walk** [EdlPH14, Ben14b, CvDKP13, CBB13, DFG10, EdlP14]. **Walks** [MSvdD14]. **Wang** [Koz14a]. **Waring** [AW13a]. **wavelet** [HL11e]. **way** [CC10, ZHZF13]. **ways** [Wad14]. **Weak** [GMH14b, Hla13, KP14b]. **weakly** [HZ10]. **Wedderburn** [MAGR13]. **Weibull** [Fou14]. **Weierstraß** [BIT12]. **weighing** [KMNS12, NP10]. **weight** [AG12, Dub14, LT11a, LSV12, Tan10a, WZ13e]. **Weighted** [GTW13, JLLY10, LP14, Pál13, PP14, BKP12, CN13a, CN13b, EWY12, GX12b, GHW+13, GS11b, KP14a, KKS12, KKL10, KLL11, KY14, KW13, LLY11, LT11a, MR12, MS14b, NP13b, NSC13, PO11, RM10, Tan10a, TW11a, TW11b, Tsa11, VU14, WW13a, WLL14, WY13, XCS13, Yam13, YZF14]. **weighted-EP** [TW11a]. **weights** [KP14a, Stu12, Tsa11]. **Weil** [AiS13]. **Weitzenböck** [DDF13a]. **Welch** [DHC12]. **well** [iO12]. **well-quasi-ordering** [iO12]. **Wenzel** [Lu12]. **Weyl** [DV14, FKR11b, FKR12, Nak10]. **Wg** [MD10]. **Which** [GGK+13, CFK+10b, DHLX12, FdC14b, Gu14, Ogu13]. **Whitney** [FV13a, Wag11]. **Whittaker** [aCCS14]. **whose** [BMSW11, BZ12b, CK14, DU14, HZ11b, HZ12b, HTW13, JG10, LY11a, LSR11, LHW11, MQ11, MQ13, SS14, Sta12, WBHM13, Wu10a, XG13, vDO11]. **width**

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