A Complete Bibliography of Publications in \textit{Linear Algebra and its Applications}: 2015–2019

Nelson H. F. Beebe
University of Utah
Department of Mathematics, 110 LCB
155 S 1400 E RM 233
Salt Lake City, UT 84112-0090
USA
Tel: +1 801 581 5254
FAX: +1 801 581 4148
E-mail: beebe@math.utah.edu, beebe@acm.org, beebe@computer.org (Internet)
WWW URL: http://www.math.utah.edu/~beebe/

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Title word cross-reference

(0, 1) [BD19, CR18a, CLT15, CMQV16, GT18, NS15a, NA17, ZM16, dCFF17],
(2, 1, 0) [WG15]. (75, 32, 10, 16) [AM18].
(76, 30, 8, 14) [BPR17]. (A, m) [BSZ18]. (b, c) [Rak17]. (d, k, δ) [FJ19]. (δ, e) [Zha18b].
(e, f) [KC16]. (I − A) [CC18]. (m, m − 1, 0) [HZ17]. (m, q) [BMN16]. (P^1)^n [LM16a].
(N − 4) [HAM16]. (p, n − p) [PR18a]. (p, r) [AdF19, EJ18]. (v, b, r, k, λ) = (10, 15, 6, 4, 2) [Mic16]. * [DI16]. −(1 + \sqrt{17})/2 [LM16b].
−1 [BK17a]. {−1, 0, 1} [JMP18].
−1 ∗ σ(S^{−T}S) [GMP16c]. −2 [CRS15]. −3 [KLY18]. 0 [BBH16, HL19b, Shi18b]. {0, 1} [XLQC16, XCQ18]. 0 < p ≤ 1 [LC19]. 1
BBH16, BR17, Hir18, HL19b, KY18, KLY18, MHL15, OP16a, PCI15, Shi18b]. 14
[Jel18]. 2 [AKR15, AK16a, AA17, BLdS16, BC15a, BH16a, CP16a, CG19b, CW15a, CL18, CJ17d, DFK+15, DHS18, EV15, HPSS19, Hoo19, KLP15, KY15, KY18, KIS18, LY16, LXW17, MMS16, Mic16, ME15, NP15a, OQ18, QKP16, Sam17, STW19, Wan15b, YLT16, ZGW16].
2(n − 1)/3 [LS15a]. 2n [dlCMP17a, dlCdR17]. 2 × 2 [GHK17, GLRT18, KLP18, KM16, She17, Ulh19, UG18]. 2 × 2 × 3 [LS15b].
2 × N [Sar19]. 3
[BK17a, BKL16, CLZ16a, DFK+15, HN18, Kal16, Lee15c, LWX17, Sam17]. 3 × 3 [BDdH18, HK18b]. 4
[BDVRT15, KH17, LWX17, SS17a]. 5
[AMR+16, BDVRT15, JMP17, Jor15]. 5 × 5
[LS17b, SW18a]. 7 × 7 [HLPS19]. 9 [Kar16].
$Z_4$ [Mor16b]. $|V(G)| - 2m + 2c(G)$ [zSqST15].

* [DD16b]. *-rings [DD16b].

vertices [FdC18].  
-Walk-regular [QKP16].  
0 [BL18b, Zha15a].  
1 [BL18b].  
1-tensor [BL18b].  
18th [GPW15].  
2013 [GPW15].  
2014 [CFH+16].  
2015 [GPW15].  
2016 [FLVV18].  
2017 [GHPS19].  
436 [Duk15, LT16a].  
437 [Kis15].  
438 [LMO16].  
458 [wXZ19, Yua15].  
463 [EKSV18].  
467 [ZL15a].  
479 [BKSP23].  
486 [BKSP23].  
501 [GP18].  
502 [Ano16a].  
505 [KH16a].  
509 [SM18].  
510 [BF17b].  
512 [Bal18].  
513 [LD21].  
520 [FJS21].  
521 [LL17a].  
523 [ASMN17a].  
532 [Hon20, dCDFK18].  
548 [GWL+18].  
558 [RB19].  
561 [PW20].  
577 [Ali20].  
6 [Bar15, Bru16a].  
70th [BBF19].  
8 [Tsa16b].  
978 [Bar15, Bru16a, Tsa16b, Zha15a].  
978-0-521-54823-6 [Bar15].  
978-0-8218-9491-0 [Zha15a].  
978-981-4677-96-8 [Tsa16b].  
978-981-4749-46-6 [Bru16a].  
= [SM16, SM18].  
A.  
A6 [Jel18].  
ABC  
abelian [AJ19, TFC19].  
Abel [HJW19].  
abs [GBRS15].  
abs-normal [GBRS15].  
abscissa [HvdD16].  
absolute [Eve18].  
absolutely [AB19, Ege16].  
absorption [BFM19, JT18a].  
abstract [CW17, CFM16].  
Accelerating [Pan15b].  
Accessible [Lax16].  
according [BDS15].  
accrative [GHK17].  
accrative-dissipative [GHK17].  
accuracy [KR17, MH15, OZ18, TLL15].  
Accurate [MMP17, MIV19, OP19b, SSD15, BP16b, CLM19a].  
Achieving [BH16a].  
ACI [BC17a].  
ACI-matrices [BC17a].  
acoustically [BKLP16].  
acting [Vir16].  
Action [AM19, AMH11, Fis17].  
Acute [Wei17].  
acyclic [DD15, Fer15, FDI15, JH16].  
Adaptive [CDTZ15].  
Addendum [BF17b, RB19].  
adding [GWL+18, GTL+18, JST19].  
Additive [BFMK18, LL17, LY17, PZ17a, QH15].  
aditivity [ACM15, DFM17].  
ADI [RW16].  
ADI-like [RW16].  
adic [BSS17, EG15].  
Adjacency [CR17b, Ore16a, Ore16b, ARS16, AGH17, BK15, CLR+18, LL15c, Moh16, Pea15, SY15, Sh16a].  
adjoint [AG18, GG18, KNR18, MY19, Nag15, Nie15a, Pan19b, PM15b, Sh16b, WIC17].  
adjointable [AG15b, AG20, XF17].  
Adjusted [UM16].  
admit [JT18b, St17].  
admitting [Hua15].  
AE  
Affine [DA19a, dSP16a, Zue18, LT19a, Ma16, Pan15b, PB16, STZ15].  
again [Xu17b].  
again [Pan15a].  
ahead [UZ19].  
AI [Nie19b].  
Al [Fis17].  
Al-Mohy [Fis17].  
Albert [VF17].  
Aleksandrov [Geh15].  
Alexander [KL18a].  
Alexander [Ost15].  
Algebra [ASMN17a, Ali20, Ano16a, AG20, Bal18, BMVW16, BF17b, BKSP23, Duk15, EKS18, FJS21, GP18, GLL+18, GHPS19, Hou20, KAPS20, KIS15, KHI16a, LMO16, LL16a, LLS17a, LZSD18, PW20, RB19, SM18, Tsa16b, wXZ19, Yua15, ZL15a, dCDFK18, AHV19, Bal15b, BS15a, CGT18, CILL16, CK15a, Chi18, CW16a, CD16d, CLLS19, Dog18, DR17, DK18, FJP15a, FJP15b, GM16b, HCS17, Hol16, KS17, KY17, KMS17b, LMS16, Li19, LMG15, MMP16, Mor16b, Mos17, MP15a, MP19,
Niv15, Olk15, Pas19, PS18b, RLP19, SGH16, SB15, Ser15, Ter17b, UG18, Wan19, dlP18.

**Algebraic** [BJ15, CCGV19, EHK16, Oi19, PS19e, Sch17, AAMM18, Alf18b, BD15a, BBEE19, BR16a, BGCMBP15, BGdCCMSS17, BS15b, Das18, DP16, DPJ17, DD17c, GMW18, GL16, KS19, Kol15, NT19, NR16a, PM15, PRS18, RRV15, UM16, Zas16, Zha17, DP15b].

**Algebraically** [KQZ16, DB19a, LS15b].

**Algebras** [CRVSS19, AM15a, AEV16, ALH15, AEV15, AKR15, AK16a, AK16b, BKRE18, BY19, Bal17a, Bes16, BGV17, BC15a, BdCL17, BCS15, BCS16, BLdSV19, BP19b, BFD18, BBS16b, Bre17, BS19c, BCP16, Bur18, CP16a, CMV16, CMV17, CKM19, CLOK13, CPS17, Chal15, CW15a, CL15a, CR18b, CDTZ15, CME18, Cos19a, Cos19b, CDH18, DIR16, Der19, DKNS16, DOR16, EL16, EP18a, EF17, EF19, FPKS18, GGH15, Go16, Gon15, Gow17, GJ18, HA15a, HAM16, HA16, Hou15, HZ19, JG16, JG17, KKO15, KLP15, KM15b, KSTX15, KLL17, LMO16, LL19, LT16b, LZ16c, LZ17c, LG18, LCLW18, LZ15e, MR17a, MI16, MI17, Mol18b, Mon19, MX16, NINS16, OW17, Oi19, Pel17, PR19, PR18b, Rai19, RE16, SBB15, SY15, Sh16a, TW16, Tom15, Wan16c, WZ17b, WFS19, Xu16, ZK17].

**Algorithms** [ANI16a, BMVW16, KLS17, Per18, SdJY16].

**Aliasing** [BMS15]. **ALIF** [CGSC19]. allow [LP15]. **Almost** [SW16, VQ19, CS15b, Pol19, WHG17]. **almost-equidistant** [Pol19]. **Almost-invariant** [SW16]. **Almost-nonsingular** [VQ19]. along [Nag19]. **alternate** [GL15a, NAS18]. **Alternating** [BD19, FGH15, HS16, Kob17, Pan15b, dSP16a, dSP16d, dSP16e, Ter18]. **alternative** [Koz16a]. **Aluthge** [CM17, EP18b]. **amenable** [NNS16]. **American** [Zha15a]. among [BS18b]. **analog** [MM19b, Nie19a]. **analogs** [HT18a]. **analogue** [GKR16]. **analytic** [JLM18]. **analytical** [GS18]. **Analyticity** [DvSW18]. **ancestral** [ADW19]. **Ando** [Ric19, Wad18]. angle [LMX19]. **Angles** [PZ16a]. angular [CS15a]. **anisotropic** [AL16]. **annihilating** [NN19b]. **annihilator** [HAM16]. **anomaly** [Zim15]. **ansatz** [FS18a]. **antecedents** [Bar19]. **anti** [AyLPS18, AT15, BF19a, DDSC16, FT18, GJK18, MV16, YWD16]. **anti-banded** [BF19a]. **anti-circulant** [AT15]. **anti-community** [FT18]. **anti-negative** [GJ18]. **anti-reflective** [DDSC16]. **anti-regular** [AypS18]. **anti-triangular** [MV16, YWD16]. **anticommuting** [Hru16]. **antinegative** [DO16]. **antiperiodic** [GM15]. **antipodal** [Fil18]. **Anzahl** [GL15b, GL15a]. **Apartments** [Pan17, Pan16b]. **Appl** [ASMN17a, Ali20, AN16a, AG20, Bal18, BF17b, BKSP23, Duk15, EKSV18, FJS21, GP18, GWL18, Hou20, KAPS20, Kis15, KHI16a, LMO16, LT16a, LLS17a, LZSD18, PW20, RB19, SM18, wXZ19, Yua15, ZL15a, dCDFK18]. **Application** [AMH11, Abi19, AO18, ACM17, BM16a, BFMK18, CRX15, DGGP18, DWH18, FBDH19, FL15, GK15, KVP19, PH16, RGPH16, Ste15, YXYX19, BTN18]. **Applications** [APR17, An16a, BMVW16, DH15, He16a, PCI15, AAG18, AM16a, ANP16, AL19a, BBM19, BKNS17, BJKR17].
BDDO16, BBP19, BR16b, Bri17, Bur18, CDR18, CDG16, CPZ16b, CIY15, CLS18, CJ15, CJB18, CSW17, Chu16, CJ16d, DR16, DLQ18, FSSW17, GZB19, GHT16, GL15b, HM17a, He16b, Hua19, HC19, KC16, KKL+17, KK18, LCL15, LCWZ19, LLSX15, Lin15c, Lop17, MVPST19, MM16a, MMP17, MMV19, Mel16a, MNT19, MO18, NSCV16, PS19d, SSCS16, SSB15b, Wan16a, Xu17a, Zou17, Tsa16b].

Applied [Bru16a, LNT16c, Ser16, War17]. approach [ACPR15, BKLP16, BF19a, BBT15, BDP+18b, CC17a, CLLS19, FKM17a, FKM17b, GS18, HW16, JS18a, KÖ16, Mar15b, MR19, NN19b, Ota15, Per18, SZ16, XvdBvdLS15, YDHX18]. approaches [LMM+16]. approximability [KU16]. Approximate [CSW17, CKM16, PSM18, SLY17, AEV16, ACM17, FG17, dMGCI9, KMOR19, LUC19, WZL17].

Approximately [Man19, Zha18b]. Approximating [Alo15, GKS19, BDK+17b]. Approximation [FK18, Bob16, CCO15, Gar17, GH17, GS19b, GCC18, JMRV16, KLL16, LL16b, PQY15, PW18, PHW16, RRT16]. approximations [BHK16, LS18b, OZ18, SZ19]. Araki [Hia16b]. Arbitrary [MI16, BCS16, BNT17, BC17a, CMV16, DDCY17, GLAdS15, YDHHX18].


Automorphism [FKS15, HA15b, TZ19]. Automorphisms [CD16d, AK16a, CW15a, Cos19a, CDH18, Wan15a]. autonomous [SSF16]. autoregression [FK18]. average [Das18, KLL17]. AVMM [BT17a]. Avoiding [KN16]. Avram [BEF16]. aware [Tyg19].

B [AM19, DGP+15, MR19]. B-splines [DGP+15]. backtracking [AGHN18].


Barabanov [GMW18]. Bartholdi [TH16a].
Barycenter [HL17a, HL18, KLL16].
Barycentric [EG19].
BS16e, CDR+19, base-orderability [BS16e].
Bases [BS16e, AM16b, BL15, BB18, BKL16, CIY15, DGM+18, DV19a, FT18, GCC18, MHA18, RD15, RMKJ18, RBKA16, RW17, Som17, SZW16, VT18, WG15, WL16, XX16, wXL14, wXZ19, ZD15, ZZR15].
Bases [Shi15, BDP+18b, DA19b, DA19a, DA19c, VD18, DPV19, DV19b, FS17a, HHR16, LS17a, MP16a, MB15, PM18, Rai19, Szá16, DMDV16, DDV16, WZW19, War17].
Bases [Shi15, BDP+18b, DA19b, DA19a, DA19c, VD18, DPV19, DV19b, FS17a, HHR16, LS17a, MP16a, MB15, PM18, Rai19, Szá16, DMDV16, DDV16, WZW19, War17].
Basic [CKM19, SSS15, Ste15].
Bases [BS16e, AM16b, BL15, BB18, BKL16, CIY15, DGM+18, DV19a, FT18, GCC18, MHA18, RD15, RMKJ18, RBKA16, RW17, Som17, SZW16, VT18, WG15, WL16, XX16, wXL14, wXZ19, ZD15, ZZR15].
Bases [Shi15, BDP+18b, DA19b, DA19a, DA19c, VD18, DPV19, DV19b, FS17a, HHR16, LS17a, MP16a, MB15, PM18, Rai19, Szá16, DMDV16, DDV16, WZW19, War17].
Basic [CKM19, SSS15, Ste15].
Bases [BS16e, AM16b, BL15, BB18, BKL16, CIY15, DGM+18, DV19a, FT18, GCC18, MHA18, RD15, RMKJ18, RBKA16, RW17, Som17, SZW16, VT18, WG15, WL16, XX16, wXL14, wXZ19, ZD15, ZZR15].
Bases [Shi15, BDP+18b, DA19b, DA19a, DA19c, VD18, DPV19, DV19b, FS17a, HHR16, LS17a, MP16a, MB15, PM18, Rai19, Szá16, DMDV16, DDV16, WZW19, War17].
Basic [CKM19, SSS15, Ste15].
Bases [BS16e, AM16b, BL15, BB18, BKL16, CIY15, DGM+18, DV19a, FT18, GCC18, MHA18, RD15, RMKJ18, RBKA16, RW17, Som17, SZW16, VT18, WG15, WL16, XX16, wXL14, wXZ19, ZD15, ZZR15].
Bases [Shi15, BDP+18b, DA19b, DA19a, DA19c, VD18, DPV19, DV19b, FS17a, HHR16, LS17a, MP16a, MB15, PM18, Rai19, Szá16, DMDV16, DDV16, WZW19, War17].
Basic [CKM19, SSS15, Ste15].
Bases [BS16e, AM16b, BL15, BB18, BKL16, CIY15, DGM+18, DV19a, FT18, GCC18, MHA18, RD15, RMKJ18, RBKA16, RW17, Som17, SZW16, VT18, WG15, WL16, XX16, wXL14, wXZ19, ZD15, ZZR15].
Bases [Shi15, BDP+18b, DA19b, DA19a, DA19c, VD18, DPV19, DV19b, FS17a, HHR16, LS17a, MP16a, MB15, PM18, Rai19, Szá16, DMDV16, DDV16, WZW19, War17].
Basic [CKM19, SSS15, Ste15].
Bases [BS16e, AM16b, BL15, BB18, BKL16, CIY15, DGM+18, DV19a, FT18, GCC18, MHA18, RD15, RMKJ18, RBKA16, RW17, Som17, SZW16, VT18, WG15, WL16, XX16, wXL14, wXZ19, ZD15, ZZR15].
Bases [Shi15, BDP+18b, DA19b, DA19a, DA19c, VD18, DPV19, DV19b, FS17a, HHR16, LS17a, MP16a, MB15, PM18, Rai19, Szá16, DMDV16, DDV16, WZW19, War17].
blow [LM16a]. blow-up [LM16a]. Board [Ano18-27, Ano18-28, Ano18-29, Ano18z, Ano15a, Ano15b, Ano15c, Ano15d, Ano15e, Ano15f, Ano15g, Ano15h, Ano15i, Ano15j, Ano15k, Ano15l, Ano15m, Ano15n, Ano15o, Ano15p, Ano15q, Ano15r, Ano15s, Ano15t, Ano15u, Ano15v, Ano16b, Ano16c, Ano16d, Ano16e, Ano16f, Ano16g, Ano16h, Ano16i, Ano16j, Ano16k, Ano16l, Ano16m, Ano16n, Ano16o, Ano16p, Ano16q, Ano16r, Ano16s, Ano16t, Ano16u, Ano16v, Ano16w, Ano16x, Ano16y, Ano17a, Ano17b, Ano17c, Ano17d, Ano17e, Ano17f, Ano17g, Ano17h, Ano17i, Ano17j, Ano17k, Ano17l, Ano17m, Ano17n, Ano17o, Ano17p, Ano17q, Ano17r, Ano17s, Ano17t, Ano17u, Ano17v, Ano17w, Ano18a, Ano18-30, Ano18-31, Ano18-32, Ano18-33, Ano18-34, Ano18-35, Ano18-36, Ano18-37, Ano18-38, Ano18-39, Ano18-40, Ano18-41, Ano18-42].

boards [War17].

bound [ARR18, AL15, ARS17, BL18a, Bal15c, Ber18, BH16a, CLF18, GRS15, HW15b, IL17a, LCWZ19, LwW16, Mol18a, Obo19b, Vec16, WF19, Xu17b, ZWS18]. boundaries [AGV17, BS18b]. Boundary [CN19b, BL15, CN15, DDSC+16, EHK16, EH18, GM16a, HJW19, Piv19, YLB15].

Bounded [Pan19a, AB19, CM19, DDL17, DD17b, GSP16, LT12, LT16a, LZ16c, PSG16, PSM18, dSP16a, dSP16c, dSP16d, Pep17, RMS16].

Bounding [Sta19, AO18]. Bounds [ALMZ+19, DiSjDfDV15, FW17, Gll16, HHL19, HMNP15, Lia17, LL18a, Mel16a, OP16a, Pep17, Run19, VV18, WM17a, dPjG18, ACT16, AR16, ACRR15, AGR16, AdFRR18, ADLR19, AP15a, BG15, BaHOS15, CR19b, bCR18, CLL15, CI15, CL17b, CLS18, CJI16c, CJI16d, DHZ19, DV19a, DR18, DM18, Drn19, EA17, GM17, IGW17, Ken16, Lan15, LLV15, LWY16, LZM16, Lot15, MR17b, MS17b, MHS15, OVW18, Rod19, SZ17, SK17b, Sku17, TLL15, TWM16, WZL17, WLL19, WZW19, WWC18, YZL15, vDS16, ELN18].

Braess [HK19b]. Brauer [BJLD17, DLB18, LL16a]. Brauer-type [BJLD17, DLB18, LL16a].

Bregman [MP16]. bridge [CDM19].


Butson [EC19]. butterfly [LZSD17, LZSD18]. butterfly-like [LZSD17, LZSD18].


CAM [Bru16a]. Cambridge [Bar15]. Can
[dCdSA15, Nom16]. CANDECOMP
[KL15b]. CANDECOMP/PARAFAC
[KL15b]. Canonical
[BBdH18, DD17c, LS15b, AEKP16, BTW16, BGSS18, CXLF16, CNX17, CW17, DFK+15, FdC15, GLAdS19, MN19b, Rad17].
Carathéodory [BFMK18, IL17a].
cardinality [CRVSS19, MMR17, Yor17].
Carlen [Bek16], Carleson [DPS19].
Carlitz [KT19].
Carlo [WC15]. Cartan
[HL17a, HL18, KLL16, LL19, MM19a, PR19, WZ17b].
Cartesian [BK19, KMY15].
cases [MP17].
Catalan [HS17, YDHX18].
category [MVPST19].
Cauchon [AAG+18].
Cauchy [JM16, JKP16, Ka18, LL16b, Lyn15, MMP17, Mel16b].
Cauchy-like [Mel16b].
causal [FKD15].
Cayley
[AT15, BBM19, BBS16b, CFH19, KLW15, LZ15d, RB16, SLY17, TFC19].
Cayley-type [RB16].
cell [KT15].
cells [GMLT19].
Central
[Yin18, BDDO16, EF17, EF19, Lék16].
centrality [AM16b, BFM19, HS19].
centralizer [AGP+17].
centralizers [Han19a, dCDFK17, dCDFK18].
centralizing [Wan16c].
centrally [Mig16].
Centrosymmetric [JRS19, Bur15].
certain [AKYD16, Ege16, EEV17, FKPS18, Hia16a, Joe16, JPM17, Kol15, KLW18, Lin17a, Liu18, Lot15, Mol19, NP15c, PP18, Sch17, She17, Tab16, VHB18, vWZ17].
certificate [CJ17c, Dic19].
Cesàro [AB19].
chain [AAS16, BK17c, Ch19, WC15].
chains [BLPT15, BCF+18, Hun16, Hun18a, Hun18b, JLT17, LZ15a, M917, MP16b, NP15b, SY16a, Sku17, Ter18, VB18, VAS15].
Change [DFK+15, JST19, VSV18].
changing [GM15, SV17].
channels [FL16, HJ19, LPPZ19, Lev18].
chaos [BCMASS15].
character [Che15b].
Characteristic
[AW15a, BLdS16, Ben18, BCS16, BBFF17, BCF+16, CCD19, CK15b, EV15, FOvdD16, FMR18, HY18, HZ19, HZ17, KMS17b, LL18b, MW15, MMR16, MMR17, MMR18, NV15, Shi16f, WW18, WLWZ19, ZGW16].
characteristics [AKPS19, JKEL15, KAPS20, Koz16, MNTX16].
Characterization
[BJKR17, DP16, GLZ16a, GSSvdD16, HT18b, JT18b, Kim15b, LD16a, MWT16a, QH15, RW17, Wój19, XZ19, Ab19, CRRY15, CLR+18, DGCC16, DP18, DP15b, DP17, IWF16, GGMPC15, GH16a, GX17, Hv1D18, HJW19, Hoo15, KY18, LZSD17, LZSD18, LWCL19, MHL15, MM16b, NS18, PP15, SW18a, zSqST15, TSH16, WM17b, XvbdvdLS15, YCL17].
Characterizations
[HM17a, Mol19, RS17b, AyLPS18, ABDN18, BP15, DDF15, He15, He18, LL15b, LWC18, SBB15, Sol19, UYY17, WZ15, ZSWB16].
Characterizing
[BDMB19, CJ16c, FMR19, LZ15b, HK19a].
characters [AR15a].
Charles [Bar15].
Chebyshev
[Guo19, KMM17, Yam15].
Chevalley
[MMR18].
Chief
[Ano18–44, Bru15, Bru16b, Bru17].
Chip
[BMZB18].
Chip-firing
[BMZB18].
Choi
[GRK16].
Cholesky
[LWY16].
Cholesky-like
[LWY16].
Christoffel
[AM15b].
Chromatic
[KM19, AL15, FCL+16, KNV15, Tom15, vDS16].
circle
[Cas19, IR19, MS15a].
circles
[Rum19].
circuits
[MT15].
circulant
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[DHLT19, GM16a, PCL15].
depending
[EH18].
derangement
[MR19].
derivable
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derivation
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derivative
[UG15].

dependent
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Derivatives
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Guo [AB15b, AMR18, Rob19].
gyroscopic
hyperdeterminant [YLB15]. hypergraph [HQX15, Pea15]. hypergraphic [CRRY15, CLR++18]. Hypergraphs [Nik17b, BL18a, BCM17, CLN15, Duk12, Duk15, DR19, FuIKT16, FWB++19, FBH19, JZZ18, KNY15, uIKF15, LZB18, LZ16a, LZ16m, LZW17, LZ17a, LKY16, LM16c, OQY17, RS17a, SY17, SZB19, XLQC16, YY19, YZL15, YQS16, YQK17]. Hyperinvariant [AW15b, AW15a, FMM16]. hypermatrices [Nik17a, Nik17b]. hypermatrix [GF17, Pea15]. hyperplane [FGG++18]. hyperplanes [Pan15b]. hyperpower [SSH15]. hypersurfaces [UM16]. hypertrees [GZ18, ZKSB17]. Hyponormality [Lee19a]. ideal [HR17, Pop16b, Ris16]. ideals [AKS17a, AKS17b, BT15, CKM19, HR17, JLM18, KVV17, Ris16]. idempotence [LP15]. idempotent [Bot16a, GT17, LPS+15, Ste18, TXZ18]. idempotents [AJL16, BES16]. Identifiability [Wan16b]. Identification [LPPZ19, Hoo19, NAS18]. identifications [SBB15]. Identifiers [GZ19]. identifying [BDM19]. Identities [UG18, AGN18, BY19, AGN18, BDK18, BLdSV19, BV18b, CR15, Ere16, HHJM15, LMR16, TPK17, Wan15b]. identity [AMPT16, Batos15, LMS16, LLS15, Rum18, RB19, Zha18b, dCDsa15, vWZ17]. identities [BR16a, DPV19, DDV16]. Ihara [KMMS19, Son17]. II [dSP19c, AKS17a, BS16f, CJKM19b, CS16, DV19b, EHLP18, FKM17b, GH15, Hia16a, KLY18, Ore16b, PT19, She17]. III [AKS17b]. ILAS [CFH++16, FLV18, GPW15, GHS19]. ill [BB18, NSCV16]. ill-posed [BB18]. Ilmonen [AKYD16]. image [DDSC++16, PS16, Win16]. images [AEV15, Fag19, NNT16a, Lau18, LT16b, MO16]. imaging [CS15a]. immanantal [NS17, NS19]. immanants [Tab16]. Implementing [CG19a]. Implications [BdP18a]. implicit [CMV19, SNP16]. imprecise [Sku17]. imprecision [Sku17]. imprimitive [MP16c]. Imprimitivity [AGH17]. improve [AM16b]. Improved [Che18b, DM18, XL18, LLH17, Xu17b]. Improving [OVW18]. incentive [LT19a]. incidence [AB18, CR18b, CDH18, IHH08, Ma16, MMM19, WZZ19, ZK17]. including [Ern18, JLD17]. inclusion [BWS15b, BJLD17, DLB18, ELN18, LCL15, LL16a, XF17, YZL+19]. incomplete [LSM18, Mic16, iT16, iT19]. inconsistent [BW19]. increasing [CR19b, Gar17]. Indecomposable [CPS17]. indefinite [MV16, MSS17, ME15, NN19a, SG17a, VK16]. independence [ACT16, JLL16a, LL18a, ZL17]. independent [bCR18, MCI19, OL16, VJJ15]. indeterminates [HZ15]. index [AGH17, AMNR18, BOT19, CR19h, DG18, DS19b, FW17, JDS17, Kim15b, LZ15b, LS19, LL17, LL18a, MMS18, NY15, NR18, PS15, Rob19, SBFB19, SG16, Yue14, Yue15, ZW16, dFNP16, Rod19]. indexes [WWT18]. indices [APR++17, DA19c, FG16, HLW15, HW15c, Pail6e, Son17, SS17b]. induced [KSTY19, Mar18]. inductive [MHA18]. Inequalities [BM19b, BJL19, CS19a, Chol7a, Chol7b, HvdD16, AOK15, AO18, AKS17a, AKS17b, AN17, AK19, ANAPS17, Bar17a, BS15d, BLY16, BBP19, CPZ16a, CM16, DKS15, DS15, GW18, GHK17, GLRT18, HRM18, Hoo17, HWXC18, JML16, Kal18, KMY15, KLS17, KMS17a, Lin16b, Lek16, MN15, MRS15, MF16, NS17, Nie15a, Nie15b, Reh19, Ric19, Sab15, Sab18, SMH19, SDK17, She17, SWB19, TNK16, Uch15, Ulu19, WDFS17, XCJ18, Zum19, Zhu1a, Zhu19, Zou19]. inequality [Ali20, ACPR15, AP15a, BNST17, CJRMM++15, CPZ16b, CTZ19, CS17, CW15b,
CJ16c, CJ16d, FS19b, GXYZ17, HAD19, Hay19, HL17b, IKW16, JZC19, LS18a, Lin15c, Liu16a, Nun17, RRV15, Roo19, RWH17, Wad18, Zha19b, Zou17, Inertia [HT18a, NN19a, AvdHS15, AvdHS16, BS16a, FW17, LS19, LLL15, LOvdD18, WWT18].

inertias [BOvdD17, COvdD16].
inexact [BM17a].
infimum [WLL19].
infinite [BGdCCMSS17, DE15, ET18, LS19, LLL15, LOvdD18, WWT18].
infinite-by-infinite [Egg15].
Infinite-dimensional [Min17, CG19c, Pan17].
Ininitely [VB18].
infinity [GS19b, LCWZ19].
Inflation [SZ17].
inflations [MM19a].
influence [BK17c].
information [DKS17, Mel19].
initial [WLL19].
inner [AGQ19, AL19b, BEKS17, FZwCW16, FS19b, Mag16, MESS17, PP18, SG17a].
inputs [LPPZ19].
Instances [DK16].
instructional [Dog18].
integer [Bor17, Mac16].
Integrals [BG17, CFH19, San15].
Integral [BK18, CFH19, San15, ALOR19, Bal17a, Cal16, CDMP15, CS15a, CX17, CW16b, DN18, FdC15, HK19a, JKP16, Mir18, Ota15, PS19a, San18, Wim16].
integrality [DN18].
Integrally [MS16a, PS17].
integration [BPT15, Van16a].
Integrators [AMH11].
intercyclic [VY18].
interlaced [MM15b].
Interlacing [GMO19, DS15].
International [GHP19].
interpolants [ACDT15, EG19].
Interpolated [Sab15].
Interpolating [Zha19b, RV18].
Interpolation [BM18, AL18, HZC15, MM17c, Ste15].
interpolational [UY17].
interpretation [FKD15].
interpretations [LPP15].
interrelations [Riv15b].
intersection [KKL17, PRS19, SXD16].
intersections [RV18].
intertwiners [Ter17a].

Intriguing [BM19a].
Introduction [Bru16a].
Invariant [CQ15a, ACRR15, AG15b, AG20, BBE19, BB16a, CK17, CF18, CJ19, DG18, DH19, JS15, KT17, KLL18, KMS17a, Lee19b, LP18, LNW17, MR18, MOR16a, NINS16, NP15c, Ouy17, Ram17, Sab15, SK17a, SW16, WL15, Zha19b, Zou19].

invariants [DS19c, GR16, KL19, BS16a, CIY15, CNY18, ES16, HJ16, HC15, HFS15, Wei15, AM18, Ais18a, Ais18b, AB18, BW16, BPP17, BFM19, Bik19, BC17b, BC16b, CJ17a, CGMS15, CGDM16, CL15c, CCO15, DHW18, EJ18, GMLdS16, Hoo19, JT18a, JMR16, JP16, JMP17, JP18, JS15, KB15, DL18, LCWZ19, LL16c, LMM16, Ma15, MN15, MPS17, Miy15, MK18, NMBA19, Nor18, QWW18, Rak17, SLY17, SW18b, Wei17, XSW17, YW16, ZC15, Zho17].
inversion [EG15, KP19].
Invertibility [PP19, DS19b, YMM17].
invertible [CS19a, CKT19, KKA15, LY17, Ore16a, Ore16b, PS17].
inverses [LL19, PP17a, WZ17b, BJ19, BKNS18, BB16, CFM16, DM18, Dra16a, ELN18, HWZ15, KC16, Niv15, OP16a, OP19b, PS15, PCH15, PWH16, RD15, SR18, Shi17a, SSH15, SZW16, WX16, ZMT19, ZZC15].
inversion [EG15, KP19].
Invertibility [PP19, DS19b, YMM17].
invertible [CS19a, CKT19, KKA15, LY17, Ore16a, Ore16b, PS17].
inverses [LL19, PP17a, WZ17b, BJ19, BKNS18, BB16, CFM16, DM18, Dra16a, ELN18, HWZ15, KC16, Niv15, OP16a, OP19b, PS15, PCH15, PWH16, RD15, SR18, Shi17a, SSH15, SZW16, WX16, ZMT19, ZZC15].
inversion [EG15, KP19].
Invertibility [PP19, DS19b, YMM17].
invertible [CS19a, CKT19, KKA15, LY17, Ore16a, Ore16b, PS17].
inverses [LL19, PP17a, WZ17b, BJ19, BKNS18, BB16, CFM16, DM18, Dra16a, ELN18, HWZ15, KC16, Niv15, OP16a, OP19b, PS15, PCH15, PWH16, RD15, SR18, Shi17a, SSH15, SZW16, WX16, ZMT19, ZZC15].
[CUPW15, DDL17, DLB18, FBH19, KLS19a, Kim15b, LLV15, LZ16c, MM17a, MP16c, WFS19, Yan18]. irregular [NLWJ18].

ISBN [Bar15, Bru16a, Tsa16b, Zha15a].

isoclinic [ET18].

Isometries [Hor17, Nag15, BMN16, BSZ18, BBMP19, Bil19, BJ15, BKS15, BKPS17, BKSP23, Cha15, CGL16, FG16, GS17, GT16, GS15, MMS16, Mol19b, aHRT15]. Isometry [CCW16, FX19, GG18, Oi19]. Isomorphism [Pel17, ET16]. Isomorphisms [BFD18, GJK18, PR18a, STW19, Wan16c].

Isospectral [MGM17, BS18c, DT15].

Isotonic [EE16, NN16]. Issue [DLW15, BBF19]. Itô [WHG17]. Iterated [Dal17a, BMZB18, Col19, GP19b]. Iteration [BB18, Lia17, RW16, RV18, XXZ16, ZZR15, SK17a]. Iterations [SSH15]. Iterative [CA18, FS19a, LC19, AL19b, Rad17, RSS17]. IV [HW16]. Iwasawa [Saw16].


JB [BCP16, KLL17]. JB-algebras [KLL17].


Kogbetliantz [MH15]. Kolchin [KLS19b].


Kronecker [BTW16, FS18a, FK18, GF17, HF18, Hill18, Lot15, PR18]. Krylov [CA18, BMS16a, CMV19, CS18a, Dax17, Sch18].

Kurtosis [Hur15, Lop17]. Kutta [BDDSC17]. Ky [HRM18, Pet15, TY15].

Lagrange [CPW17, VT18]. Lam [GKR16]. Laman [KS15b]. Laplace [Reb19, Sch16, SY17]. Laplacian [ASMN17a, GP18, LLS17a, ZL15a, ABC`16a, AA19, ARR18, AG15a].

Lapacian [ASMN17b, ACPR15, ACRR15, AGRR16, ADLR19, ARSB18, AH16, BK16, BS17, BS15c, BZ16c, BBC18, BCC`18, BDVRT15, BH16b, CR17b, CcDF18, CD16b, CX17, CLR`18, Che18b, CLF18, Che19a, Dah15b, DdSjdFDV15, Das15, DMT16, DM16a, DS17a, DG18, DV19a, DL16, EHHL17, EHLP18, IFwW16, FulKT16, FWB`19, FdFdSDV18, GAP16, GCP18, Gho16, GRS17, HvD18, HT17, HQX15, HL19a, JMM16, LZ15b, LZ15c, LW16, LD16a,
Laplacian-energy-like [DG18].

Laplacians [FCLP18, MM19b, NS17, Nag19, SCD17].

Large [BDFR15, dSP16c, dSP16d, BW19, BGM +19, BB16a, BDLM16, CR18a, EM17, HK18a, Jia15, LMS15, MNT19, PS19d, VHB18, Yin18]. large-scale [BB16a, EM17, HK18a, LMS15]. larger [YSS16].

largest [ABH +19, AB15a, BK17c, Che19a, CLM19b, DMS19, lFwW16, FuIKT16, HQX15, Kim15b, Lin15a, LDZ18, MHL15, McK18, MNT19, Obo16, OQY17, SAdFZ15, Sta19, TW18a, XWD18, YQS16].

lasso [WLH18].

latin [War17, Shi18c].

lattice [EHLP18, Joe16, MMR16, MMR17, MMR18, WDFS17, YDY18]. Lattices [BFG +16, BF17b, Bie15, LM17, MdlP16, Str18, Yam15].

Laurent [Che18a]. law [PC15, XSW17, dCdSA15]. laws [NN19a].

Lax [AS17]. Layout [RR18b]. LCM [AYK17, HT18a]. leading [De 16b, HJ16].

learning [SH15b]. least [BZ16c, BBC18, CGDM16, CKM16, CGM17, CRS15, DS18b, Eld15, GRS17, HK18a, JKS15, KL15, KLY18, LM16b, LC19, LHC15, NZZ15, SZ17, UM16, WZL15, Yas16, ZG18].

Lee [Mor16b, SSS15, TZK18]. Left [Dra16a, HW16, Lie18]. Legendre [Reb19].

Leibniz [LMO16, CC16, CLOK13, CILL16, KKO15]. lemma [Alf15, CS15b, CJ17c, DP15a, Lev15, Cim15].

Length [GMM19, WZW19, DF15, DF18, LMS16].

Lengths [GMM16]. Leonard [AC15, HLG15, LHG15, Nom15a, Nom15b, NT17, SGG16, Ter17a, WHG17]. Leslie [Ben18]. less [FZwCW16]. Leuven [FLVV18]. level [KRZ +17, MP18, WQH19, Zas16].

Lec [NRS15, LR18]. Lie [ABM18, AEV15, AKR15, AK16a, AK16b, BC15a, BdIC17, BCS15, BCS16, BP19b, CCIT18, CPS17, CWW18, CW15a, CL15a, Chli18, Cos19a, CLP16, Der19, DR17, EF17, EF19, FKPS18, GPI18, HAM16, Hol16, HZ19, HK17, KLS19b, LL19, LZ16c, LZ17c, LGZ18, PR19, RZ17, Saw16, Wan16c, WZ17b, ZK17, Zuz17b, vWZ17]. Lieb [Bek16, FS17b, Hua19]. lifts [CV17]. like [AB16, BDP +18b, CCGO17, DG18, DA19c, DF15, DF18, LIWW16, LZSD17, LZSD18, Mel16b, Nie15b, RW16, VK16, Zhe19].


line-Hermitian [CG19a]. Linear [AMR19, ASMN17a, Ali20, Ano16a, AG20, Bal15a, Bal15c, Bal18, BR19, BTW16, BMVV16, BF17b, BO17, BKS23, CC17b, CR18b, Dog18, Duk15, EKS18, EP18a, FJS21, FL15, GP18, GWL +18, GJK18, GHPS19, HI18, Hou20, HSS16b, KAPS20, KS19, KHI16a, LMO16, LM16a, Lut18, LT16a, LLS17a, LZSD18, LD16b, LD17b, MRV15, Nom15c, PW20, Pud16, RB19, SM18, XFDZ17, Yua15, ZL15a, dCDFK18, dS19a, ABP15, ADF19, AJ19, AK17, ABO15, ANAPS17, ABGJR +18, AW15b, BW19, Bal15b, BP16a, BLPT15, Bel16, BF17a, BGCMAS19, BS16c, BR18, BM17c, BL19, BMO15, CEM15a, CVV19, CNX17, CJ16c, CJ16d, CJ17c, COS18, CFNP17, Cus17, DGCC16, DGFP18, DS18b, DdFR16, DU16a, DN16, DN18, DdC16, EE16, Ema18, EJ19, FM17, FHS17b, FKPS18,
GM15, GSP16, GC19, GR15, Gow16]. linear
[Gre18, GBRS15, GHT16, Hla15, HR16,
HS19b, Hoo19, HM17b, KL18a, KKA15,
Kis15, KÖ16, LNT16a, LPPZ19, Lee19b,
Li15a, LX17, LLL17, Li19, LS18b, Lom17,
Mar18, MSSZ17, MMR16, NA15, NN19b,
NINS16, NT19, NP15a, Nie15b, Obi16,
Oik15, ÖK18, PS16, PSM18, dSP19a,
PMB15, Ram17, RJ18, RH15, RT16, RW17,
SF18, SR18, SNP16, SDK17, SK17b, SSS15,
Shi16b, Shi16c, Sug17, SS15c, TZX17, TXZ18,
VGG17, VF17, VG18, Wan16b, WZL17,
WT18, WLL19, Wan19, Wój19, XX12,
xXL14, XVdBvdLS15, wX19, YLT16, Yin18,
ZD15, ZZR15, ZC15, ZH17, ZLQ16, Zhu19].
linearization [BSS18, VT18].
Linearizations [MP16a, PM18, AB16, BDFR15, BBFF17,
CCGV +19, DA19a, DMQ19, FS17a, NP15b].
linearly [Mar15a, MC19, Vij15]. lines [CGSZ16].
Liouville [GM16a, YSZ17].
Lipschitz [AAdFS19, BP16a, BZ16b, GMW18, Oi19].
list [HMPT18]. lists [AMR18, BCJ16, JZ18, MAR17, MN19a].
Littlewood [AP15a, ANAPSR17, Num17].
LNED [Zha17]. load [Zha15c]. Local [AKR15, AK16a, AK16b, AA17, CW15a,
CL15a, Cos19a, CDH18, LZ17c, MRS18,
AAM15, ABM18, ÁVAK+19, BM17a, BE15,
Ben15, BM15, BL18c, BCF16, CPI16a,
CJ16c, Cos16a, CS18b, CQS18, EJ17, EG15,
Ej16, HLM17, NT19, NP15a]. local-global
[NT19]. Localization [BM18, BM16a, LJJ19, Me19, NN19a].
localizations [SK18]. locally
[AW15b, Beh17, Bik17, Che18a, DF16,
Man19, TXZ18]. location [AAS16, FJHT19].
loci [BBT15]. locus [Jel18]. Log
[AGS17, HL18, Hia19, BDK+17b, Hia16b,
LS18a, Min17]. Log-Determinant [Min17].
Log-majorization [AGS17, Hia19, Hia16b].
Log-majorizations [HL18, LS18a]. logarithm [Miy19]. logarithmic [BES16].
logarithms [BNST17]. logistic [KM18].
lollipop [BP15]. long [GH19]. look [UZ19].
look-ahead [UZ19]. loop
[BGM+19, BGM16, GS16, S17, Zaj19].
loop-free [GS16, S17, Zaj19]. loops
[AvdHS15, AvdHS16, GPH18, Sim19]. loose
[Xu17a]. loose-coherent [Xu17a]. Lovász
[OP15]. Low
[BA15, GS19b, RSS17, BB16a, BR16b,
CCO15, FS19a, GH17, HKM18, HHS16, KU16,
MS19, Mor17, OVV18, PQ15, RPH16].
low-dimensional [BB16a]. Low-rank
[BA15, GS19b, FS19a, GH17, KU16, Mor17,
PQY15]. Lower [AR16, AP15a, CLL15,
DTZ16, TWM16, WWC18, AL15, ARS17,
AdFR18, Ball15b, CR19b, HW15b, Mor17,
Obo19b, SP16, AC15].
lower-upper-lower [SP16]. Lowering
[Ter15]. Lowering-raising [Ter15]. Löwner
[Pas18]. LS [MVP19]. LS-category
[MVP19]. LSRM [HKP17]. LSQR
[CN19a, HKP17]. Lur’e [SL16]. Lvov
[DK16]. Lyapunov
[eFLY15, Gőr17, GX16, GX17, GX19].
MacWilliams [TZK17]. made [Kal16].
magic [JKKL15, War17]. magnetic
[FCLP18]. main [HKLQ16, HHL15].
maintaining [MG17]. Majorization
[DGS18, Fie15a, Nie15a, AGS17, Dah15b,
EE15, EM15, Gow17, Hia16b, Hia19, Lin15c,
Lju15, LD16b, LD17b, NA15, Obo19a,
Obo19c, PP15, XF17]. majorizations
[HL18, LS18a]. majorizing [Sab19].
Malcev [HAM16]. manifold
[BA15, DH15, DX15]. manifolds [BC19a].
map [BP16a, Dyn16, MPS17]. mapping
[Cus17, GMLdS16, Tsa16a]. mappings
[AAAdFS19, BMGP15, CC17b, DGK+17,
DK15, DdFR16, FJ17, FJM18, eFLY15,
FS17b, MSSZ17, Wój19, WMC15, Zha18b].
Maps
[AAM15, BE15, BM15, KP17, MPV16, Pet15,
ZH15, AKS17a, AKS17b, BS16c, Bou16b, BL18c, BL19, CP16a, CHK19, CKL17, CKT19, COS18, Cos16a, Cos16b, Cos19b, DdC16, EJ17, EP18a, FM19, Gow17, HF18, HYH15, HLS+16, KVP19, LT12, LT16a, LT16b, LY17, MR17a, Mar18, MS16b, MM17c, Nie15b, Oi19, Ong18, PC15, QH15, SDK17, SK17b, STZ15, Vir16, XFDZ17, Y16, YdB19, YLT16, YL17, dB19b].

Mardia [Hur15].
marked [CFP18].
Markham [LZ17b].
Markov [BPZ17, BK17c, BCF+18, CLR19, Cho19, GZB19, Hun16, Hun18a, Hun18b, JLT17, LZ15a, Mas17, Reb19, SY16a, Sab19, Sku17, SH15b, VB18, Vas15, WC15].
Markovian [GCQX15].
mass [HZC15].
movable [CFP18].
Markham [LZ17b].
Markov [BPZ17, BK17c, BCF+18, CLR19, Cho19, GZB19, Hun16, Hun18a, Hun18b, JLT17, LZ15a, Mas17, Reb19, SY16a, Sab19, Sku17, SH15b, VB18, Vas15, WC15].
Markovian [GCQX15].
mass [HZC15].
movable [CFP18].
Markham [LZ17b].
Markov [BPZ17, BK17c, BCF+18, CLR19, Cho19, GZB19, Hun16, Hun18a, Hun18b, JLT17, LZ15a, Mas17, Reb19, SY16a, Sab19, Sku17, SH15b, VB18, Vas15, WC15].
Markovian [GCQX15].
mass [HZC15].
movable [CFP18].
Markham [LZ17b].
Markov [BPZ17, BK17c, BCF+18, CLR19, Cho19, GZB19, Hun16, Hun18a, Hun18b, JLT17, LZ15a, Mas17, Reb19, SY16a, Sab19, Sku17, SH15b, VB18, Vas15, WC15].
Markovian [GCQX15].
mass [HZC15].
movable [CFP18].
Markham [LZ17b].
Markov [BPZ17, BK17c, BCF+18, CLR19, Cho19, GZB19, Hun16, Hun18a, Hun18b, JLT17, LZ15a, Mas17, Reb19, SY16a, Sab19, Sku17, SH15b, VB18, Vas15, WC15].
Markovian [GCQX15].
mass [HZC15].
movable [CFP18].
Markham [LZ17b].
Markov [BPZ17, BK17c, BCF+18, CLR19, Cho19, GZB19, Hun16, Hun18a, Hun18b, JLT17, LZ15a, Mas17, Reb19, SY16a, Sab19, Sku17, SH15b, VB18, Vas15, WC15].
Markovian [GCQX15].
mass [HZC15].
movable [CFP18].
Markham [LZ17b].
MM15b, Mor17, ME15, MMW17, MHN18, MP15b, MP19, NMBA17, NS15c, Ngui18, NW19, Nic19c, Nik16a, NA17, Niv15, Nob16, NK18, NSCV16, OW17, OVV18, OS17, OP16a, Ore16a, Ore16b, OP19b, Ost15, OBRA15, PSZ15, PT19, PS18a, Pas19, PM15a, PCI15, dSP16a, dSP16c, dSP16d, dSP16e, PM15b, PS19d, PR19, PS16, PS18b, PP18, PHW16, PW19, PW20, RS17a, R17b, Riz19, Rob19, RAAGA16, Roh18, RS18, Rub19, Sali16, SCS16, SR19, Sanchez17, Sch16, SK17a, Ser16, SA17, Sha16, SK17b.

matrices [She17, Shi16e, Shi18a, SSV17, SCD17, SH15b, SS18, SB18, SUY16, Sol18b, SW18a, Sot17, SJS15, SS15b, SV17, Ste18, SSB15b, SSB15a, SG17a, STZ15, SWZ18, TH16b, Tan16b, Tan19, Tar18, DDMV16, Ter18, TW18b, Tsa16a, TW19, TCD15, TC15, TG19, Ulu19, UG18, VB18, VQ17, VQ19, VV18, Vec16, VHB18, VLGS15, VB19, Wan15a, WLP16, WQH19, WLL19, WZ17b, WMC15, WHC17, WX16, XX12, wXL14, XFZD17, XSW17, wXZ19, Yan16, YDH1X8, Yin18, Yor17, YZZ18, Z17, Zha18c, ZMT19, Zha19a, ZLL18, Zhe19, ZM16, ZF15, Zim15, dCFF17, dCMP15, dCMP17a, dCG18, Tsal16b].

Model [WLH18, BFFN16, BCMASS15, HvD16, KM18, LHC15, Mar15b].

modified [DV18, Ema18, FL15, GH16b, HPZ19, KÖ16, ÖK18, QWW18, RH15, Ruk15, SNDM17, Wan16b, Zha15c]. moderate [ET16].

modifications [SSB15a]. modified [AL19b, CLLS19, JLM18, wXL14, wXZ19].

module [CD16d, Gua18, IKR16, LT12, LMX19, Shi16g]. Modules [HCS17, CPS17, Gon15, LZ16c, LZ15e, MM17a, MEMM17, XF17, Yon18, dSRST17].

moduli [AGS17, Pie18]. modulus [Cos16b, MS16b, XXZ16, wXL14, wXZ19, ZZR15, ZLQ16]. modulus-based [XXZ16, wXL14, wXZ19, ZZR15]. Mohy [Fis17].

monic [CK15a, FK16]. monoid [CDG16, CLR16]. monomers [NS15a].

monomial [Lax16]. Monotonically [ZF15]. Monotonicity [LG18, WL15, Cas19, DKS17, DDF17b, GMW18, Nag19, NW15]. Monte [WC15].

Montgomery [Cox15]. Moody [Sin17].

Moon [LN17]. Moore

[AB18, CGMSR15, CGDM16, Dal19, HWZ15, KB15, Nor18, WX16, XSW17].

Moreau [Sol19]. Moreau-type [Sol19].

Multilinear [Ano16a, BMVW16, CW16a, BT15, BM17c, CR19a, DgK+17, DKS15, DK16, Fag19, LT16b, Pop16b]. multipart parameter [HY18].

multi-dimensional [AKPS19, CJ17b, KAPS20]. multi-hypergraphs [XLQC16].

multi-level [Zan16]. multigraph [McK18].

multigraphs [Gu16, O16]. Multigrid [CDRT17, BDDSC17, BHK16]. Multilinear

network [GZB19, QWW18, Sar19, SZW16]. networks
15b, LL15b, LCWZ19, Nik17a, NA17, OP16a, Pet15, Reb19, SPH15, SS15a, Tan16b, WDFS17, XJC18, Zha18c]. **norm/energy** [NA17]. **Normal** [JSST16, JT17, BS18, BD19, Cus17, DDL17, EG15, GSW16, GMP16a, GMP15, GMP16b, GMP16c, GBRS15, HZ15, HN18, IW15, IGW17, Joe16, KS15a, LWC18, Lin15b, LdlP15, LLH17, Nie18, Nie19a, SZ23, SG17a, YZZ18, dlCG18]. **normality** [BF18b, FKD15]. **normalizable** [MS16a]. **normalized** [BM17b, BCC+18, BDVRT15, BH16b, DS17a, LSZ18, MMM19, SY17, cSFcXF15]. **normally** [ARR18]. **normed** [BJC15, CSW17, KS15b]. **norms** [CDMP15, CL15b, EN18, GMW18, JML18, JML18, Ken16, Lev15, LT12, LT16a, MRS18, OP15, PSZ15, Sab15, WL15, Zha19b, Zou19, Nik16a]. **Northcott** [LZQ19]. **Note** [Ano18-44, BaHOS15, CLF18, DHL+17, ySpW17, Sr17, YG15, Bin17, Bur18, Dra18, FR18, GHT16, HKLQ16, HMSC19, Kum19, LHX18, LLS17a, LLS17b, NMBA19, NR17, Nor18, PS15, Rak17, Rod19, SZ23, SDK17, SSS15, Shi16e, Sin17, STW19, Str18, Wan15a, XF17, Zhi19, Zou17, dSRST17]. **Notes** [CW19, DU16b, SadFZ15, DPKU18]. **novel** [DAG16]. **nowhere** [MS16c]. **nowhere-zero** [MS16c]. **NP** [BC17b]. **NP-hard** [BC17b]. **Nuclear** [Pop16b, BM17c, Hu15]. **Nuclei** [TZ19]. **Null** [KV17, Riv16, CCW16, JMPS18, Kl15]. **Null** [KV17]. **Nullities** [TH17]. **nullity** [FdC18, zSaST15, WZ15, ZWS18]. **number** [ACT16, AAKS17, AB15a, AL15, Ash19, BL18b, CC17a, CLT15, CUPW15, CW16b, Cox15, DR16, FMY16, FdC18, HLPS19, HHL19, HZ15, IL17a, JL16a, JDS17, JLDS18, LOS19, Lin15a, Lin19, LL18a, LT19, MWT16a, MWT16b, PF18, QKP16, Ram17, RMS16, TH17, TWM16, TW18a, Tom15, TD15, WM17a, WZL15, WWC18, Xu17b, ZLG17, Zim15, vDS16]. **numbers** [ABD19, BZ16a, CDR+19, Che18d, DTZ16, DS18b, KM19, Lee15b, ME15, Van17, WYL15]. **Numerical** [AOK15, Ano16a, Bal19, BBP19, BMVW16, CJK+16, GW16b, GW16, GO18, KLN16, PW18, Sab18, She17, AOK19, AAS18, AM18, AR18, AMR19, AK19, BFA18, Bal17b, Bal18, BFM19, BD15b, CJ17a, CDM19, CC17b, CCN17, CL16, CN15, CNY18, CN19b, CNM19, CJ17c, Dax17, DGP+15, FK16, GW16a, GW17a, GW18, GW19b, GL19, GW19a, HA15b, HMNP15, KS15a, KKP19, KMY15, Km19, LNT16b, LLPS19, Lee15c, LT1W15, LSZ18, MR17b, SPBB19, SWZ18, Zou19, Cha15]. **Numerically** [PZ17b, PQY15]. **objective** [Fay18]. **oblique** [BB17, BMS15]. **observations** [Sma15]. **occasion** [BBF19]. **odd** [Ash19, DF15, DD18, ET18, FuI16, FK17b, FM17a, FM17b, HZ17, uIKF15, LDF18, MW16a, Yua14, Yua15]. **off** [BMR17, Lee15a, PPZ19, SP16]. **off-diagonal** [BMR17, Lee15a, PPZ19, SP16]. **often** [Sol18b]. **Old** [Fie15b]. **Oliver** [MB18]. **one** [BM19b, BCF+18, BCU15, EF17, EF19, FK18, FS19a, Gas19, HSS16b, JLS18, KOST15, LS18b, SSB15a, TXZ18, EHH17]. **one-dimensional** [EF17, EF19, EHH17]. **one-parameter** [KOST15]. **one-peak** [Gas19]. **ones** [BL18b, TVD15]. **only** [FJ19, SS17b]. **Onsager** [BGV17, Ter17b]. **onto** [BFN15, FG17]. **open** [Beh17, DK18, YHY15]. **operations** [BN17]. **Operator** [HRM18, MEMM17, MHN18, NW15, SPH15, Uch15, WDFS17, AOK15, AKS17a, AKS17b, AEV16, AN17, AK19, ACM15, BBS16a, BU18, CFL16, CN19a, DDF18, Drn19, FS18b, FS19b, GS15, HJ19, Han19b, HPSS19, Hoa15, JS18a, JM16, KU16, LHZ16, LN18, MF16, Naj17, OP15, OP16b,
Pas18, PCI15, Reb19, SS15a, She17, Tan16b, UUG15, UWYY15, UYY17, WHC17, Zam16].
operator-valued [FS19b, HJ19, Zam16].

Operators [AR15b, DIR16, MMS16, Wój15, AB19, AAM15, AO18, And15, AAC17, AG18, ANAPSR17, ABGJR+18, AG15b, AG20, BFA18, BF18a, BG15, BLPT15, BŚ18, BBSS18, BDRC16, BM16, Bob16, BT15, BM17c, Bou16a, CDMP15, CEM15b, CEGM16, CPZ16b, CDRT17, CMM19, DS19b, DSCD17, EE16, EJ17, EM15, EHHL17, EHLp18, FPGPV17, FKPS18, GSP16, He16b, HA15b, HK17, JLM18, Kim18, KL19b, KMS17a, KN18, Lec19a, LTWW15, LWC18, Lju15, LD17c, LMX19, MS16b, Mat15a, Min17, Mol19, Nag15, NINS16, Nie15a, Nie15b, Pan19a, Pan19b, PS16, PSM18, PMW19, PCl15, Pep17, Pie18, PPZ19, PR18b, Pop16b, PRS18, Rao17, Sab19, Sam17, SST15, Tur17, Vir16, WFS19, XFI17, Zam19, Zem16, ZH15].

Optimal [ANAPSR17, CCO15, CFM16, GMP16a, Had17, lHS16, HK19c, JMPS18, LCF19, MRS15, NAS18, Sna15, WC15]. Optimality [CRC17].
Optimization [BA15, FS17b, FM17, Hill15, Kri15, Kur19]. Optimizing [BDSSC17, DeV19].

Optimum [GW17b, CLZ16a]. OPUC [MS15a]. orbit [IKVZ18]. orbits [BC15a, LNT16a, Lau18, MM15a, MBB+18]. order [ABO15, BP16a, BG17, BBMFM17, CFNP17, DV18, DY15, DFM17, DD17c, GM15, GL17, Gao18, GH16b, GS15, HA15b, JK15, Kar16, KH17, LS15a, LZ15a, LUC19, Lom17, PCl15, PM15b, PS15, PPZ19, SY16a, SL16, Shi19, Sug17, TH17, WZ17a, XSW17, ZWS18, dCFF17]. orderability [BS16e]. Ordered [HW15a, CKS16].
Ordering [YSS16, BOT19, LLS17a, LLS17b]. orderings [IKR16]. orders [AB19, BMGP15, CIMW15, ET18, Mos17, RD15, WL16]. Orientation [HM16]. orientations [COvdD16]. Oriented [Ref16, AdlPR16, CRRY15, CLL15, CL17a, CLR+18, DR19, HMT19, LHL18b, MWT16b, RS17a, WF19, ZXW19]. original [BS18c].
Orthogonal [Lin15b, Pan16b, War17, AM15b, BGV17, BF19b, BL16, CRX15, CG15, C16a, DEH16, DMQ19, DSCD17, DH19, FS17a, GGMPDC15, GMP16c, HZ17, IR19, Jin15, LNT16a, LUC19, Mac18, MP18, Ota15, Riv15a, Riv15b, RAAGA16, RMP18, SNMD17, SJD16, Shi16d, Sim17, WQH19, ZS17, ZGW16, dCFF15, eSICX15]. orthogonalities [Wój19]. Orthogonality [GSP16, AR15b, ABR18, CSW17, HHJM15, KL19b, KZ17, PSG16, PSM18, PMW19, SP16, Sna15, WC15].

Packet [Far16]. packing [Gu16, LTL19].
parametric [HS19b, RW17].

Parametrizing [And15]. paraorthogonal [Cas19]. Parking [MY16]. Parseval [KAPS20, AKPS19, MBB+18], part [DU16a, DMQ19, KLY18, LNW17, Ter17b].

Parter [BEF16, JS18b]. Partial [CIMW15, FG16, RD15, WL16, WZ17a, BS15a, BC19b, Cho17a, Eld15, FX19, GS17, Me19, Shi19, aHRT15]. partially [BW19].

partial [DU16a, DMQ19, KLY18, LNW17, Ter17b]. Parter [BEF16, JS18b]. Partial [CIMW15, FG16, RD15, WL16, WZ17a, BS15a, BC19b, Cho17a, Eld15, FX19, GS17, Me19, Shi19, aHRT15]. partially [BW19].

pattern [BES16, BWSZ15a, KSVW17, LP15, LT19b, OS17, SUY16, VQ17, VQ19]. patterns [BOvdD17, DB19a, EKSV14, EKSV18, FGG+18, FGH+15, GLZ16b, GL17, Gao18, GM19, HOvdD18, Liu18, MM17b, OvdDV17, Shi17b, Stu17].

Pauli [AMC18, RZ17, Sam17]. payoff [EW19].


Pellet [Mel16b]. Pellet-like [Mel16b]. pencil [AHV19, Rin17]. pencils [BGT+19, BR16a, BDP+18b, DA19b, DA19c, DDL17, Dodi16, Dod17, DHH18, dMC19, HY18, NP15b, PD17, Sch17].

pendant [CPR18, PS19b]. pendant [NR18]. penetrable [BKLP16]. Penrose [AB18, CGMSR15, CGDM16, HWZ15, KB15, Nor18, XW16, XSW17].

Penttila [BM19a]. per-nullity [WZ15].

Per-spectral [WZ15]. Perfect [CGGV15, JKP+17, TFC19, CGK+17, Kir15, YG15].

Perforated [AGV18]. period [Cha19].
point-hyperplane [FGG+18]. points [BDG15, BDM18, CN17b, Eve18, FL16, HLM17, HMPT18, Je18, KLW15, NAS18, Rao17, WWT18]. polar [De 16a, FX19, GMP15, GMP16b, Pan16a, Shi16a, Sol19, SG17b, dLCPM17b]. Polarity [Sol18a]. poles [PW18]. poly [RT16]. Polya [MF16]. polyadic [DD17c]. polygons [HMNP15, VG18]. polyhedral [SPBB19]. Polynomial [KS15a, RLP19, SS16, DDMV16, VT18, Win16, YT16, AMR19, AGS17, AP15a, BY19, BBdH16, BBdH18, Ben18, BLdSV19, BR16a, BV18a, CJRMF 15, CK15a, CLQW17, Che18a, CCD19, Cox15, DMQ19, FJ17, FJM18, Fio16, GKI15, HWZ15, KPL18, KMS17b, Lie18, LW15, LL18b, Mel15, MMW17, NN19b, Shi16f, VX19, WW18, WZ19, Yd19, dB19b, dLP19]. polynomials [AO18, ABG16a, AMZ17, ABD19, AEV15, AM15b, BGV17, BS18, BPP19, BB16b, BDFR15, CDR 19, CW18a, Cas19, CG15, CM18, CCGO17, CCGV 19, CK15b, CJ16a, CKM16, Cin15, CP17, CW16a, DA19b, DDP19, DP18, DD17b, Dmy17, DD18, DVP19, DK16, Fag19, Fas19, FS17a, FS18a, FM19a, FK16, GMMP15, GM16e, H16a, HK19a, HY18, HZ19, IR19, KM15a, KPL18, KMM17, Lc16, L17, LM17, LMR16, MO16, MP16a, MW15, MNTX16, Mel15, Mel16a, Mel16b, NS19, Niv15, Ota15, Ouy17, PM18, PP18, Ple17, Reb19, Riv15a, Riv15b, RV18, S18a, Ser16, DDMV16, Tya17, WLWZ19, Yan15, Yan18, Zen16]. polynomials [CEM15a]. [BDRC16, BS16c, CJ16b, Gow17, GLRT18, JLR15, SK17b, AL18, ACM17, BP16b, BS15d, BJL19, BC19a, BDS15, BL19, BDK 17b, BV18b, CPZ16b, Chol17b, Chol15, CJ18, CS16, CLS17, DB19a, DKS15, DLB18, Drn19, EA17, FMY16, FW17, Tie15b, FG17, GSI8, GL17, GHT16, HT18a, Hay19, HJW19, H17a, HW15b, HK17, Jai17, JZ16, Kan16, KS17, KL15, K15, KQ126, KL17, KM16, Kus16, LN17, LPW16, LS19, Lin17a, LZ17b, LNT16c, MR17a, MM16a, MMP17, MMV19, Min17, MS15b, Mol19, MPV16, Nie15b, NR17, Pep17, PR19, Riv15b, SFW18, Sal16, Sch16, SST15, SA17, SDLK17, SSV17, Sim18, Sim19, SH15b, SU16, STZ15, Ter17b, Ul19, Vir16, WWT18, XLCP17, YLT16, ZH17, Zha18a, Zha19a, ZF15, dS19a]. positive-definite [ACM17]. positivities [Xu16]. Positivity [SNP16, CLW15, CW19, FJS17, FJS21, LG18, MGMT17, Skr17, Y19]. Positivstellensätze [KVV17]. possessing [SSH15]. possible [BaHOS15]. posteriori [Fis17]. potency [Stu17]. potential [SR18, Stu17]. potentials [CDFK19, Fay18]. Preconditioned [VK16, BT17a, BA15, MI16]. preconditioner [Bai18]. preconditioners [Hon18, LSM18]. preconditioning [AL19b, DDSC 16, NSCV16, RMK18]. predictions [KÖ16, ÔK18]. Preface [BFH +17, BDIM15, BBF19, CFH +16, DLW15, FLVW18, GWPW15, GHS19]. preorders [BES19]. preprocessing
prescribed

APS18, BL18b, Bal15c, DS17b, HK18b, KPL18, SJS15, WYL19, YZLC18. presence

GLMS18.

Preservers

Ben15, BBS16a, BBSS18, CLP16, EP18b, Poo15, AMB18, AMR19, AEV16, BS16b, CCCCNT19, CL16, GW19a, HSS16b, LL17, LCLW18, LD16b, LD17b, NA15, Oik19, Ore16a, Ore16b, dSP19a, dS19a.

Preserving

STZ15, AAM15, AR15b, BN17, BM15, BL18c, BMGP15, Bur15, CPZ16a, CHK19, CC17b, CV17, Cos16a, Cos16b, Cos19b, Dmy17, DdC16, EJ17, EM15, GJK18, HF18, HY15, HM16, HLS+16, KP17, KM16, KLS17, Li15b, LLL17, MS16b, MS15b, MPV16, Pan17, Pan19b, Pet15, SdJY+16, Vir16, Wój15, Wój19, XFZD17, ZH15, Zha18b. Press

Bar15. pressing

CD16c. Primal

Fay18, RR18a. primary

FI19a. prime

DD16a, DD19, DF15, VB19. prime-power

DD19, VB19. Primitive

BS16b, CLN15, FGS+16, HY15, SG16, YHY15. Principal

Bi19, LZB18, ÖK18, BC15b, BCF+16, DdSdFDV15, FOvd16, Gas19, HR17, HJ16, LKY16, Miy19, RKT15, Ris16. principle

NR16a. principles

NT19, Nie18, priors

KL19a. priors

RH15. prisms

CCdFV18. privacy

HL17. probabilistic

FM17, WO17. probability

GCQX15, KL15, LZ15a, Lie18, SY16a. problem

AO18, ATM18, AA16, ACM17, ACE15, BZ16b, BR19, Bel16, BF17a, BP19b, BC17b, BC16b, CW18a, CJ17a, CG19b, CGDM16, CL17a, CL15a, CI15a, CQ15b, DM16b, DS18b, Dd17, DE15, DN16, DN18, FPGPV17, FK17a, FK17b, FKMS18, Geh15, Gil16, GS18, Had17, Hil15, IR19, JP16, JPM17, JP18, JS15, Lee15c, LLH17, Ma15, MPS17, Miz16, MS16c, MK18, NMBA19, NN19b, dSP19b, dSP19c, Piv19, PS19e, Pud16, RMMK18, RKT15, Riv15a, SdJY+16, cSFCX15, SW18b, Ste15, SS17b, Tan16b, VB18, Wei15, XL18, Yua16, ZLQ16, BDM18, ES16, VF17. problems

Ais18a, Ais18b, BT17a, Bal15b, BP16a, BB18, BMS16a, BGCM16, BC19a, CLQ17, CFNP17, DH18, EH18, Fay18, FKPS18, GM15, GM16a, HJ16, HP218, Hoo19, HZC15, HNR16, HL19a, IK18, JLD17, KU16, Kri15, LQZ19, LLL17, LDL18, Mat15b, MP18, MT15, NN19a, NS15a, NR16b, SLY17, STZ15, Van16a, WZL17, WLL19, XXZ16, wXL14, wXZ19, Yin19, YHY15, YSZ17, ZHC16, ZD15, ZZR15, ZC15. procedure

FKRS17. Proceedings

CFH+16, GPW15, FLV18, GHPS19. process

CG15, CLM19a, DHLT19, Lin16a. processes

CLR19, EHL17, EHL18, Hun18b. Procrust

AA16. Procrustes

BC19a, GS18. Product

BS15b, HN18, LPW16, AAM15, ARM18, AGQ19, AMV17, ALH15, AL19b, BK19, BM15, CPZ16b, CF18, CJZ18, DD17a, DdC16, EH15, FZW16, FK18, FS19b, GW16b, HJ19W, HL17b, Huh15, LK16, LTWW15, LHC15, Mag16, MSS17, Pet15, SWB19, Sod18, SG17a, SG17b, WW18, YLB15, ZD16b, dC15, dCd17. Products

AG18, Bot16a, CLS17, GS15, dCCG18, AJL16, BR15, BBMF17, Ben15, BBS16a, BBSS18, Bre17, CQ15a, CHK19, CKL17, CL16, DGFS17, FJS17, FJS21, F16, GW16a, GW17a, GL19, GF17, GX17, Hil17a, Hil18, HLZ17, Hou19, Hou20, HSS16b, IKW16, KKA15, LL17, Lot15, MX16, PP18, XCC15, XFZD17, Xu17a, ZH15, Zha18c. Profiles

CKS16. program

Li15a. programming

BT17a, Fay18. programs

CJ17c. Projection

BFN15, CVV19, SXD16, BKL16, CYD19, Col19, CFNP17, DY15, FJP15a, FG17, LNT16c, Miz16, NZZ15, NN16, Pan15b. projection-cost

CYD19. Projections
[KM18, PR18b, And15, AG18, BB17, DSCD17, FS19a, FJP15b, GMP16a, LCNZ19, LMX19, SJD16, Sim17].

Projective
[CLUP17, De 16a, BBT15, BH16a, Che15b].

Prony
[KPRvdO16].

Proof
[AL15, Das15, Das18, Gho16, Lin15a, TWR15, XS18, Yua16, AB15a, CS15b, Lax16, Mic16, MB18, YQS16].

Proofs
[PQY15, BR17, ZZR15].

propagation
[KL19a, LY16].

proper
[RH15].

Properties
[RGPH16, BBMP19, BBC15, BJ15, Bri17, CLR16, CJKM19b, CJKM19a, CGL16, DHW16, DvSW18, Eggl5, EM15, EB17, FZL17, Fik18, GLMP18, Hua15, Hun16, JS16, KSMB15, Kri15, Lin17a, LT19b, MB15, Mor17, PP17b, PS17, SS15a, SY16b, SY17, SZ19, SB18, SZB19, Tsa16a, iT16, UYY17, ZLKB17].

property
[AAdFS19, BPP16, BPP17, CCW16, CV17, Far19, Kim18, PS18a, Tar18, WH19a, Lin16a, SS17a].

Provider [GPW15].

Pseudo
[CLQW17, OZ18, PHW16, Xu17a, BBS16a, GK15, Holl18, MY19, Niv15, PR18a, Ter17a].

Pseudo-direct
[Xu17a].

pseudo-Euclidean
[PR18a].

Pseudo-inverses
[PHW16, Niv15].

pseudo-partition
[GK15].

Pseudo-skeleton
[OZ18].

Pseudo-spectra
[CLQW17].

pseudo-unitary
[MY19].

pseudographs
[XCQ18].

pseudoinverses
[FG16].

pseudospectra
[AGV17, AGV18, CJ17a, SKC18].

Publishing
[Bru16a, Tsa16b].

PWS
[RT16].

QBD
[DLT19].

Qing
[Bru16a].

QR
[Bur15, LLL17].

QRD
[GM16b].

Quadratic
[DDMP19, LZ15d, PC15, DB19b, BM17a, BT17a, BdlCL17, CM18, CLM19a, DP18, DSX15, Dym16, FJ17, FJM18, FXN19, IK16, MP18, OZ15a, CLR19].

quadratically
[Ais18a, Ais18b].

quadrature
[JKP16, PCL15, RRT16].

quadrifocal
[Oed17].

quandles
[KL18a].

Quantity
[Kim18].

Quantum
[OP16b, Vir16, BS15a, BdP18a, BN17, CLHL15, FL16, FH19, HJ19, HYH15, HK19a, HPSS19, JK17, Kir15, KIS18, KSTY19, Lev18, LPP15, LZ16c, SGH16, SCD17, Vir19].

quartic
[CR17a].

Quasi
[AJL16, Hil18, CLM19a, Dod16, Dod17, EM17, FMR18, FNX19, GMM16, GMM19, KLS19b, LL15a, MM19a, PR19].

quasi-birth-and-death
[CLM19a].

quasi-Cartan
[MM19a, PR19].

quasi-commutative
[GMM19].

quasi-commuting
[GMM19].

quasi-convexity
[FNX19].

quasi-double
[LL15a].

quasi-Newton
[EM17].

Quasi-permutation
[AJL16].

quasi-regular
[Dod16, Dod17].

quasi-unipotent
[KLS19b].

quasiconvex
[BKNS17].

quaternions
[AGV17, AGV18, CJ17a, SKC18].

quaternion
[CF18].

qudit
[Ouy17].

question
[Lin17b].

Questions
[BCJ16].

queues
[BDLM16].

quiver
[Con15].

Quotient
[Fio16, SK17a, DdFR16, YXYX19].

Quotient-polynomial
[Fio16].

quotients
[HF18, HK19c].

R
[Bar15].

Racah
[LMG15, NT17, Ter17a].

radial
[BBSS18, HT18b].

Radii
[HR16, BFMK18, CLL15, CL17a, GW16a, GW17a, GL19, LMB18, LMS16, OQY17, TWM16, XWL17, XWD18, YSS16].

radius
[AOK15, AO18, AOK19, AK19, BL18a, BL18b, BF18a, BBS16a, BBP19, BSS17, BJLD17, Bun17, CM17, Cha15, Che19b, CJ17d, Drn19, EJ17, EH15, FusiK16, FBH19, FCL17, GH19, GW16b, GW18, Gol16, GMW18, GZ18, HSS16a, JL16a, KNY15, uIK15, KMY15, LS15a, Lia17, LZ15c, LZ16a, LZ16b, LZW17, LZ17a,
LHX18, aLwW15, LLZ17, LWCL19, LM16c, LHH17, MMM19, Mol18a, Mor17, Nik17c, NLW18, NLWJ18, Obo19a, Obo19c, PS19b, Pep17, PV17, Sab18, She17, XSW19a, XS18, XLLS18, Zam19, ZLG17, ZLKB17]. raising [Ter15]. Ramanujan [CV17, DTZ16, San15]. Randic [AdFRR18, BM16a, GRS15]. Random [OVW18, PQY15, BSS18, BB16b, DMS16, DE15, GJLS16, HLLZ17, Hua19, LLH17, Liu18, OBRA15, PSZ15, RR18b, RJK18, Ruk15, SH15b, XL18, Yasi16]. Randomized [NZZ15, BW18, BW19, BDK17b, CYD19, PZ17a]. Range [ACM15, dSP15, dSP16e, AAS18, AMC18, Bal17b, Bal18, Bal19, BS19b, CJ17a, CC17b, CCCNT19, CN15, CNY18, DFM17, FK16, HA15b, Kumu19, LNT16, LLPS19, LSZ18, Rub19, XF17]. Range-compatible [dSP15, dSP16e]. ranges [AR18, BFA18, BD15b, CDM19, CL16, CN19b, CNM19, CJ16, GW16, GW19b, GW19a, HMNP19, KKP19, KLN16, Lee15c, LTWW15, SWZ18]. Rank [BSS16b, DdC16, GS16, Hua15, MV16, AAS18, AAG18, AMC18, Al18, Bal15c, BES19, BLPT15, BM19b, Ber17, BR16b, BS16d, BDS15, BC17a, BA15, BCU15, BWSZ15a, BCF16, CU18, CF18, CHB15, CJ18, CCO15, Dax17, De 16b, DDL17, DM16b, DAG16, DP17, DD17b, DD18, DR17, EHK16, EM16, FOvdD16, FM18, FS19a, GH17, GS19b, GdLL17, GCC18, HKM18, HHL19, Hiri18, HMNP15, HSS16b, Joe16, Jerr15, KKP19, KU16, LCF19, LWX17, LWZ18, LHL18b, MWT16b, Mes17, Mor17, ME15, OVV18, PQY15, Pan19b, PS18a, PRS19, PC15, dSP16a, dSP16, dSP16d, PR18, RSS17, Rub19, Shi18c, Shi19, SZW16, SSB15a, Tok17, TW18b, VQ17, Van17, WYLW17, WF19, ZWX19, ZM16, Zui17, dB19b]. rank-metric [LCF19]. rank-one [FS19a, SSB15a]. Rank-revealing [MV16]. rank/trace [BES19, Shi19]. Ranks [FGH15, BS18b, FGG18, dMG19, Mat15b, MHN18, SP16, WLIW19]. Rao [Ralk7]. rapid [PC15]. rate [BW18, GKS18]. rates [bCR18, JMR16]. ratio [Bün17]. Rational [CA18, Duk12, Duk15, SSV17, AB16, AL18, AL19a, AMZ16, CM19, CFW15, DA19a, DA19c, DMQ19, EG19, Fas19, FKRS17, JMR16, JT18b, RV18, RAAGA16, Van16a, Vol17, WQH19, BDM18]. rationally [KV17]. Ray [Lin15, LT19b, Liu18, Stu17]. Rayleigh [SK17a]. rays [Dah15a]. re [LC19]. re-weighted [LC19]. Reachability [MP19, PS18b]. Real [BP19a, BS16d, CW18a, DGP15, FI16, KKP19, Al18, AL18, AL18, BL18b, BZ16a, BKRE18, BS15, BR16b, BS19a, BC17b, BS18b, Bün17, Bur15, CJRMF15, Che18d, CL17b, CHB15, DAG16, EE16, GM16b, JP16, LNT16a, LS15b, DDL18, MS19, MM15b, NMBA19, NN19a, RE16, RGP16, Sei18, SSB15b, TY15]. realizability [CJS18, DDMP19, GMM19, HMPT18, JMS19]. Realizable [AMR18, MAR17, MN19a, BPZ17, HMPT18]. realization [AL19a, BR19, JRS19, SUBG18, DDM16]. Realizing [PT19]. receptance [WZ17a]. Recesseive [SH15a]. reciprocal [BPP16, BPP17, PP17b]. reconstruction [BKLP16, BB15, BS18c, SS15]. recoverability [WLH18]. Recovering [Col19, RJK18]. Recovery [AB16, DA19c, DA19b, DA19a, FS19a, FKRS17, KSTX15, LL16b, LS15c, RSS17]. Rectangular [MO18, BL16, CLT15, Hua15, MM16a, YZL19]. recurrence [IR19]. recurrences [AO15, EJ19, Grc18, LMR16]. recursions [BF17a]. recursive [ATM18, CLW15, HK18a]. Recursiveness [LY16]. Redheffer [CK19]. Reduced [Pie18, CFP18, Cos16b, MS16b, TH16a]. Reducibility [CN17a, KMOR19]. reducing
semi-infinite [CJ17c]. semi-monic [FK16].
Semi-nonnegative [CB15]. semi-smooth [CFNP17].
semidefinite [Choi17b, FMY16, FS17b, FG17, GS18, GdLL17, HNS15, KL17, Lin17a, SUY16, Ulu19, Vir16]. semidefiniteness [KMR16, NR17]. semifields [GJK18].
semigroup [Zus17a]. semigroups [AG15b, AG20, Bob16, KOST15, KMOR19, PV17, Shi17a]. semilattices [IK18].
semilinear [Van16b]. semimodule [Shi15, Tan16a]. semimodules [HM17a, Shi16d, ySpW17].
Semimonotone [TW19].
seminorms [CG19c, Gol17]. seminorms [KM16, NR17].
semigroups [Zus17a]. semigroups [AG15b, AG20, Bob16, KOST15, KMOR19, PV17, Shi17a]. semilattices [IK18].
semilinear [Van16b]. semimodule [Shi15, Tan16a]. semimodules [HM17a, Shi16d, ySpW17].
semidefinite [Choi17b, FMY16, FS17b, FG17, GS18, GdLL17, HNS15, KL17, Lin17a, SUY16, Ulu19, Vir16]. semidefiniteness [KMR16, NR17]. semifields [GJK18].
semigroup [Zus17a]. semigroups [AG15b, AG20, Bob16, KOST15, KMOR19, PV17, Shi17a]. semilattices [IK18].
semilinear [Van16b]. semimodule [Shi15, Tan16a]. semimodules [HM17a, Shi16d, ySpW17].
Semi-nonnegative [CHB15].
semiclassical [GGMPC15].
semihomomorphic [Bil19]. sesqui-holomorphic [Bil19].
semilinear [Van16b]. semimodule [Shi15, Tan16a]. semimodules [HM17a, Shi16d, ySpW17].
Semi-smooth [CFNP17]. semiclassical [GGMPC15].
semidefinite [Choi17b, FMY16, FS17b, FG17, GS18, GdLL17, HNS15, KL17, Lin17a, SUY16, Ulu19, Vir16]. semidefiniteness [KMR16, NR17]. semifields [GJK18].
semigroup [Zus17a]. semigroups [AG15b, AG20, Bob16, KOST15, KMOR19, PV17, Shi17a]. semilattices [IK18].
semilinear [Van16b]. semimodule [Shi15, Tan16a]. semimodules [HM17a, Shi16d, ySpW17].
Semi-smooth [CFNP17]. semiclassical [GGMPC15].
semidefinite [Choi17b, FMY16, FS17b, FG17, GS18, GdLL17, HNS15, KL17, Lin17a, SUY16, Ulu19, Vir16]. semidefiniteness [KMR16, NR17]. semifields [GJK18].
semigroup [Zus17a]. semigroups [AG15b, AG20, Bob16, KOST15, KMOR19, PV17, Shi17a]. semilattices [IK18].
semilinear [Van16b]. semimodule [Shi15, Tan16a]. semimodules [HM17a, Shi16d, ySpW17].
Semi-smooth [CFNP17]. semiclassical [GGMPC15].
semidefinite [Choi17b, FMY16, FS17b, FG17, GS18, GdLL17, HNS15, KL17, Lin17a, SUY16, Ulu19, Vir16]. semidefiniteness [KMR16, NR17]. semifields [GJK18].
semigroup [Zus17a]. semigroups [AG15b, AG20, Bob16, KOST15, KMOR19, PV17, Shi17a]. semilattices [IK18].
semilinear [Van16b]. semimodule [Shi15, Tan16a]. semimodules [HM17a, Shi16d, ySpW17].
Semi-smooth [CFNP17]. semiclassical [GGMPC15].
semidefinite [Choi17b, FMY16, FS17b, FG17, GS18, GdLL17, HNS15, KL17, Lin17a, SUY16, Ulu19, Vir16]. semidefiniteness [KMR16, NR17]. semifields [GJK18].
semigroup [Zus17a]. semigroups [AG15b, AG20, Bob16, KOST15, KMOR19, PV17, Shi17a]. semilattices [IK18].
semilinear [Van16b]. semimodule [Shi15, Tan16a]. semimodules [HM17a, Shi16d, ySpW17].
Semi-smooth [CFNP17]. semiclassical [GGMPC15].
semidefinite [Choi17b, FMY16, FS17b, FG17, GS18, GdLL17, HNS15, KL17, Lin17a, SUY16, Ulu19, Vir16]. semidefiniteness [KMR16, NR17]. semifields [GJK18].
semigroup [Zus17a]. semigroups [AG15b, AG20, Bob16, KOST15, KMOR19, PV17, Shi17a]. semilattices [IK18].
semilinear [Van16b]. semimodule [Shi15, Tan16a]. semimodules [HM17a, Shi16d, ySpW17].
Semi-smooth [CFNP17]. semiclassical [GGMPC15].
semidefinite [Choi17b, FMY16, FS17b, FG17, GS18, GdLL17, HNS15, KL17, Lin17a, SUY16, Ulu19, Vir16]. semidefiniteness [KMR16, NR17]. semifields [GJK18].
semigroup [Zus17a]. semigroups [AG15b, AG20, Bob16, KOST15, KMOR19, PV17, Shi17a]. semilattices [IK18].
semilinear [Van16b]. semimodule [Shi15, Tan16a]. semimodules [HM17a, Shi16d, ySpW17].
Semi-smooth [CFNP17]. semiclassical [GGMPC15].
semidefinite [Choi17b, FMY16, FS17b, FG17, GS18, GdLL17, HNS15, KL17, Lin17a, SUY16, Ulu19, Vir16]. semidefiniteness [KMR16, NR17]. semifields [GJK18].
semigroup [Zus17a]. semigroups [AG15b, AG20, Bob16, KOST15, KMOR19, PV17, Shi17a]. semilattices [IK18].
semilinear [Van16b]. semimodule [Shi15, Tan16a]. semimodules [HM17a, Shi16d, ySpW17].
Semi-smooth [CFNP17]. semiclassical [GGMPC15].
semidefinite [Choi17b, FMY16, FS17b, FG17, GS18, GdLL17, HNS15, KL17, Lin17a, SUY16, Ulu19, Vir16]. semidefiniteness [KMR16, NR17]. semifields [GJK18].
semigroup [Zus17a]. semigroups [AG15b, AG20, Bob16, KOST15, KMOR19, PV17, Shi17a]. semilattices [IK18].
semilinear [Van16b]. semimodule [Shi15, Tan16a]. semimodules [HM17a, Shi16d, ySpW17].
Semi-smooth [CFNP17]. semiclassical [GGMPC15].
semidefinite [Choi17b, FMY16, FS17b, FG17, GS18, GdLL17, HNS15, KL17, Lin17a, SUY16, Ulu19, Vir16]. semidefiniteness [KMR16, NR17]. semifields [GJK18].
semigroup [Zus17a]. semigroups [AG15b, AG20, Bob16, KOST15, KMOR19, PV17, Shi17a]. semilattices [IK18].
semilinear [Van16b]. semimodule [Shi15, Tan16a]. semimodules [HM17a, Shi16d, ySpW17].
Semi-smooth [CFNP17]. semiclassical [GGMPC15].
semidefinite [Choi17b, FMY16, FS17b, FG17, GS18, GdLL17, HNS15, KL17, Lin17a, SUY16, Ulu19, Vir16]. semidefiniteness [KMR16, NR17]. semifields [GJK18].
semigroup [Zus17a]. semigroups [AG15b, AG20, Bob16, KOST15, KMOR19, PV17, Shi17a]. semilattices [IK18].
semilinear [Van16b]. semimodule [Shi15, Tan16a]. semimodules [HM17a, Shi16d, ySpW17].
Semi-smooth [CFNP17]. semiclassical [GGMPC15].
semidefinite [Choi17b, FMY16, FS17b, FG17, GS18, GdLL17, HNS15, KL17, Lin17a, SUY16, Ulu19, Vir16]. semidefiniteness [KMR16, NR17]. semifields [GJK18].
semigroup [Zus17a]. semigroups [AG15b, AG20, Bob16, KOST15, KMOR19, PV17, Shi17a]. semilattices [IK18].
semilinear [Van16b]. semimodule [Shi15, Tan16a]. semimodules [HM17a, Shi16d, ySpW17].
Semi-smooth [CFNP17]. semiclassical [GGMPC15].
YQS16, ZL15a, ZL15b. similar [GS17]. similarities [Wój19]. Similarity [BP16b, BBSS18, CXLF16, CN18, CM19, CLP16, GS16, Sha16, dlCF16]. SIMO [BPZ17]. Simple [BZ16a, Lot15, BKRE18, BGM+19, BBGM16, CW15a, Cos19a, EF17, Hol16, LZ15e, MI17, MB18, PS16, RE16, Sam17]. simple-loop [BGM+19, BBGM16]. simplices [FJKM18]. simplicial [BFN15, LT18]. simplification [SW15]. simplified [BM17a, BDP+18b]. simulation [Hur15]. Simultaneous [BGKP19, Sha16, FT18, FKM17a, FKM17b, GX17, Lin17b, May15, RW17, SS17b, Tan16b, Yur15, ZD15, ZC15]. solutions [BV18a, CM17, DP15b, DP16, DPJ17, DN18, FI19a, GX16, GX19, Hla15, KE16, Kri15, LM19, SFW18, SR18, SH15a, SS18, WT18, Win16, ZHC16, Zue18]. Solvability [DIPR18a, DIPR18b, Bar17a, DFKS17, FKS16, Hla15, HR16, JLD17, LX17, wVZ17]. Solvable [KKO15, BCS15, BCS16, CLOK13, CPS17, LMO16]. solver [VT18]. solvers [LMS15]. Solving [GBRS15, BW19, EM17, HAWM16, HS19b, NZZ15, SdJY+16, Van16a, ZLQ16]. Some [AA19, AN17, AAC+15, AdF19, BR15, BFY18, BLY16, BU18, Cal16, CFL16, CLHL15, CD16b, CL17b, CJ15, DHHZI19, DY15, EM15, Gőr17, GS15, Hoa17, HO15, HWXC18, kJ16, JMM16, KSMB15, KM16, LS18a, LL15b, LPP15, LZH16, LWC18, Lin15c, LM17, Lék16, LMM+16, NR16b, Pa16, SY17, SWB19, sCFCX15, SB18, UYY17, XCJ18, YLZ15, ZKLB17, Zha18c, ZSWB16, AAS18, AAC17, BBM19, BS17, BSS16, CHJM18, DB19a, Duk12, Duk15, ET16, FZL+17, FM19a, GR515, HLIW15, Jai17, KAL18, KPL18, Lan15, LHG15, LWCL19, LMR16, MQTW18, Mar15a, Mel15, Mor17, MST15, NW15, NT19, Oik19, OP16a, Ota15, PP17b, Pas19, Rob19, SY16b, YdB19, YHY15, YSS16, Zha19a]. somewhere [WH19a]. somewhere-flat
[WH19a]. Soules [Hü15]. South [CFH+16].

space
[AM19, AL19a, BCKL17, BGCM+15, CCW16, CGL16, CMM19, DY15, DdFR16, EE16, FJM18, HJW19, HL17a, JMM18, Kim15a, KL15, Kul15, Lee19a, LN17, Liu16b, Mag16, OZ15b, PSM18, Pop11a, Sab19, SG17b, WH19a, XG18, YlW16, Zam19]. space-filling [BGCM+15]. Spaces [BM17c, EM16, AGQ19, BFA18, BF18a, BSZ18, Bil19, BHSS18, BDFR15, BO17, CR19a, CG19b, CDFK19, CFW15, CSW17, CG19c, DA19a, De 16a, DdFR16, EE15, EM15, ET18, FZwCW16, FS17a, FS18a, FPGPV17, FG16, FKPS18, GMP16a, Go17, HW15a, HHR16, JC18, KL19b, KS15b, Mar18, MSZ17, Mes17, MM17c, MRV15, Mol18b, Nag15, NP15c, Pan17, PMW19, PR18a, PCI15, dSP15, dSP16a, dSP16c, dSP16d, dSP16e, Rao17, RT16, SPBB19, Shi16c, SG17a, VF17, Vir16, WH19a, Wol18, XS17].


Spectra [BCM17, CCdFV18, DR19, LJK16, VHB18, AAB+16, AJO15, ACPR15, AB17, AH16, BW16, BR15, BS17, BCC+18, CLQW17, CJ15S, Cos16a, Da17b, DS17a, DM15, GF17, JLR15, JMP17, JRS19, JMM19, Kan16, KHI16a, KHI16b, LXS18, LS18b, LHL18a, MAR17, MN19a, NPRS17, PT19, SY17, Shi17b, SS15c, WHC17, XS17, ZL15a, ZL15b, ZKS17]. Spectral [ACT16, AO18, AyLP18, ABDN18, AEV16, AL16, BL18b, BP15, BOT19, Ben16, BBC+15, BS16f, CGSC19, DLM15, DHW16, FCLP18, FZL+17, Fik18, Gu16, GJLS16, HT17, HM19, J16G, JG17, LN17, LZ17a, aLW15, MHL15, MM16b, MHS15, Pea15, SZB19, ZLG15, BL18a, B18L, BF18a, BG15, BBS16a, BTN+18, BJD17, B1n17, BS18c, CM17, CLL15, CL17a, Che19b, CJ17d, DV19a, Drn19, DvSW18, EJ17, EH15, EH18, EB17, FuIKT16, FBH19, FT18, FCL+16, GH19, GJ18, GOM19, GM18, GZ18, HvdD16, HviD18, HH16, HMSC19, HLLZ17, HSS16a, J16L, KNY15, Ken16, uLFK15, KIS18, Koz16, LS15a, LZB18, L1a17, L15c, L16a, L16b, L16m, L16w, LH18, LXS15, LLS17a, LLS17b, LZS17, LZS18, LWCL19, Lot15, LM16c, LHH17, Me19, M15M, Mol18a, M15M, Mor17, NMB19, Nik17a, Nik17c, Nt18L, NL18, NL18J]. spectral [NSCV16, Obo19a, Ob019c, OQY17, PS19b, PS17, Pep17, PV17, Sim18, Skr17, TWM16, TSH16, Tsu15, WM17b, WZ15, XSW19a, XWL17, XW18, XS18, XLS18, Yn18, YSS16, ZLG17, ZK1B17, Zha18c, dPDDG18, CRC17, CJKM19b]. Spectrally [GM19, KSVW17, Y17M, OvD17].

spectrata [JP16]. Spectrum [Ch19, AAM15, ABM18, AP15b, BDMB19, BM17b, BE15, Ben15, Ber18, BMSZ19, BM15, BL18b, CM18, CX17, CW18b, CJ17d, Gil16, Hua19, JZZ18, KL18, LT1W15, L17a, LS17b, LN18, ML15W, Moh16, MK18, MP15a, Nik17b, SS15b, YS19X, ZH15].

trend-preserving [BL18b]. Sphere [Tan16b]. spheres [Ciel15a, Jia15].

spherical [FXN19]. spin [Bal15b, CD16a, Kir15]. Spiral [BK17b]. spliced [BDG15]. splines [CF16, DGP+15]. splitting [XXZ16, wXL14, wXZ19]. SPN [SM18, SMD16, SM16]. Spread [AA19, ACRR15, AGR16, AdFR18, ADLR19, CD16b, LW1W16]. spreads [ALM+19, BS16c, Van16]. Square [Bot16b, Bot16a, BN17, H16S, Miy15, Shi16c, Shi16g, TH16b]. Square-zero [Bot16b, Bot16a, Shi16g]. Squared [BS16a, BN17]. squares

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[BDK+17a, DKS19]. subsemimodules [ySpW17, Tan16a]. subset [ABG16b].
subsets [AJ19, DHS18, NP15c, Shi16d, Vij15].
Subspace [Zas16, BBEE19, BMS16a, BS19a, DaFR16, GR16, MMR16, NS18, Ram17, Sch16].
subspaces [ABG16b, ABl16a, BEKS17, CFP18, CJW19, FMM16, Huh15, MOR16a, MMR17, MMR18, NNS16, Pan15b, RMP18, SK17a, TLL15, WG15, WZL17, Xs17].

substochastic [CC19, Lju15].
subtle [RWH17].
subtournaments [MS17b].
Successful [CD16c]. successive [Miz16]. such [CLST18]. Sudoku [War17].
successive [NS15b]. Sufficient [LSX15, PM15a, Bar17a, ES16, Li15a, MPS17]. Sugeno [Mar15b].
suggested [NR16b]. Suleimanova [PT19].
sum [AMR+16, AG17, AT15, BJD16, BDDO16, BNST17, Che18b, CLF18, Che19a, Chol9, DMS19, EA17, GAP16, GP18, GF17, GMP16c, Hua19, KS15a, Lee16, Sol18b, Ste18, TXZ18, WH18, dCMP17a].
summability [BDG15]. summation [JKP16]. summing [CDMP15]. Sums [BES16, Shi16g, AO18, ABG16b, Bre18, FJS17, FJS21, FdC15, GS15, HS16, HS17, Lot15, Xu17a]. Sunder [Lin15c].
Superadditivity [UUG15]. superalgebras [CCW18, Iop18, LL19, RZ17, WZ17b].
superdiffusive [EHHL17, EHL18].
superdiffuse [Du16a]. supereigenvector [Ser15].
supereigenvectors [But16].
superinvolution [Iop18]. superinvolutions [GIM16]. supermajorization [LD17c].


SVD-based [GCC18]. switching [BSMS19, ETF18, Gre18, IM19, Moh16, WQH19]. Sylvester [DIPR18a, DI16, DIPR18b, Dra16b, HAWM16, RMK18, Win16, dCdSA15].
Sylvester-based [RMK18].

Sylvester-type [DIPR18a, DIPR18b, Win16]. Symbolic [Sim19]. symbols [BGM+19, BBGM16, Lee19a]. Symmetric [BBH16, BF19b, CR19a, SCH17, ARS17, BGS15, BGM+19, BM19b, BFY18, BLdSV19, BC15b, BDK+17b, BG118, BS18, BCS16b, BDFR15, BO17, CP16a, CM18, CS15b, CW18b, DeV19, DP16, Dmy16, Dmy17, DH18, Dmy19, ET18, Fovd16, FB19, Fay18, FHH15, GG18, GKR16, GC19, HW15b, JMP17, JZ18, KH17, KLW15, KKL17, KOST15, Lee16, LW16, LLL17, LLL18, LUC19, LS17b, LNT16c, Ma15, MO16, MPS17, MV16, May15, MM15b, Mon17, Nik17b, OS17, dSP16a, dSP16d, dSP16e, QC15, RK15, SR19, Sod18, Sri17, SS15b, Tar18, VX16, dCFF17, ES16].
symmetrily [BF19a]. symmetries [BFW17, FSS17, FSW19, GS15, LCNZ19, dCMP15, dCdR17]. symmetrization [Rad17]. symmetrized [HMSC19]. symmetrizers [Du16a]. Symmetry [PMW19, AH16, FK18, TC15, Tur17, dSRST17]. Symplectic [BHSS18, AM19, BF19b, BR17, CG16, DR17, DH19, EHL18, HIL18, IGW17, RMP18, SH15a, SZZ23, WG15, dC15, dCF16, dCMP17a, dCdR17, dCG18].
symplectic/orthogonal [BF19b]. synaptic [FJP15a, FJP15b]. synchronous [ZZR15]. synthesis [BZ16b]. system [BTN+18, BB16b, GKS19, Hoo19, WZ17a].
systems [AAdFS19, BW19, BPZ17, Bel16, BTN+18, CC16, CHASSSG15, CDG16, CNX17, CR18b, CL15c, CJ16c, CJ16d, DGCC16,
DGDP18, DTZ16, DFKS17, DS19c, DOR16, FM17, FFKS17, FHS17b, Gôr17, Gre18, GBRS15, GHT16, HK18a, Hla15, HR16, Hon18, Hoo19, HM17b, KN16, KVP19, Kur19, LM16a, Lee19b, LX17, Li19, LS18b, LNT16c, MM19a, Nie18, Nie19a, OP15, OP16b, Pas18, RRV15, RW17, SFW18, SR18, SL16, SH15a, Sug17, SS15c, Vas15, VK16, Vij15, WT18, ZHI17, Zhu19, dFFRS17.

Szego [Fik18, FM19b, MF16].

T [MM17a]. T-modules [MM17a].

tableaux [SS19]. Takagi [Mar15b].

Tangent [MM17a].

T-tableaux [SS19].

Takagi [Mar15b].

Tangent [Kut18].

Tarski [DP15a].

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