Title word cross-reference

(0, 1) [BH96]. (1 + \sqrt{2}) [RS18, CP17].
(1, L_r, L_r) [DD20]. (A, B, C, D) [CMT09].
(AR - LB, DR - LE) = (C, F) [Kåg94].
(L_r, L_r, 1) [De 11]. (L_r, n, L_r, n, 1)
[SD15a, SDD15]. (\lambda, \mu) [JKM11]. (R, S)
[Tre05]. (r_1, r_2, r_3) [ES09]. 0 [Ho90]. 1
[BLW15, BV00, BH96, Har99, HT00, Ho90, KR02, NW14, Uhl20]. 2 [BZ98, BK89, CG15a, EK96, FFH+19, FKL13, Hal20, HR14, LT09, Pai09, SYJ00, TT14]. 2^d \times 2^d
[Ose10]. 2 \times 2 [ABL94, HLW05, SSR20]. 3
[BBM02a, CO12, EK96]. 3 \times 3
[BL91, GKL18]. 4n^2 [HY00]. 2 [ABM21]. A
[VV89, Car94, WZ91]. A(k) [Art96]. A + \mu B
[JKM11]. A = UD [Eir00]. A^b [Gri88].

A^m - A^n = IJ [Ho90]. A^TX \pm X^T A = B
[Bra98]. \alpha [LW20b]. AXY - XAB = C
[BHH88]. AX = B [YPW12]. Ax = ABx
[WZ91]. AX \approx B [HPS+11, HPS13, VV99].
AXB + CYD = E [LBL05, Özd91].
AXB^* + CYD^* = E [SC03]. AZ
[CHMW20]. B [Stev10b, WZ91]. \beta [LGI21].
BML [BMV18]. BR [GH99]. BAX^T = T
[DHZ03]. CP [FP98]. G [JMW96]. H_2
[BB12]. \chi^2 [MH13a]. cp [SMBJS13, BSU15].
CUR [DMM08]. D
[KMS01, KMS03, GSCS15]. \epsilon [JC22]. G
[LT89, NSCS10]. H
[AYL04, AH07, KL98b, LG06]. H_+.
[HLT12]. H_{\infty} [GGO13, FSV14]. HR [Sle09].
I \otimes A [Gre05]. I \times J \times 2 [SD09]. K
[Car94, Yas03, BT06, CSEP21, GGL04, KM16, Kon00, Pro13, Sor92]. L [Stu91]. \lambda

10 [HC89b]. 13 [CH93a]. 15 [Zha95]. 15023 [GI97].

27 [WW08]. 2D [FV98].

32 [Ano11].

70th [GKRV90].

90a [HC89b]. 93a [CH93a]. 95d [Zha95]. 96m [GI97]. 97g [Ikr97].

Aberth [BGT05b]. ABLE [BDY99].

Abscissa [BM19, FL99, GO11, KV14, LV17]. Absolute [CO99, EI98, MSZ21]. Absorption [SdJL+18]. Acceleration [BRZ06, ENV92, KLV18, PS08, SK16, AdHN88]. Accuracy [CD14, CD15, CHKL01, CYA+18, DMM03, GKKX94, GJTP12, Gsch97, GS00b, JR08, LM18, Mat09, Pai19, Par05, HL06].

Accurate [AGL98, Bar02, BPE94, BV01, CGCDM13, DP15, DK88, DV92b, Dem99, DK05, DM04, DK06, DJ00, Drm00a, DV08c, DV08d, EKNX93, HB12, Hey95, Hua21, Ips06, Ips09, JC22, Koe05, Koe07, Mas94, Mat95a, Ogi10, PM06, Ral09, SCBC21, SGX14, STT17].

Accurately [Fer98]. Acquired [OS10]. Active [HIS18, KP08]. Acyclic [CP20].

Adaptive [BDY99, Bar08, Car18, Dan91, DSZ14, DWWY20, GMNN21, HMWY18, KM14, Lu10, LE02, FP09, SB92, ZPWP18, CRG88].


Adjoint [Cao09, LP01, Loe08, MSZ20, Rod05, ZAK13, BP21, vdMS05].

Adjustment [BX05]. Adjustments [BG91]. Admissible [KS20]. AE [Pop12].

Affine [AGQS22, BW95, CS96c, FY95, Gw90, Gow96, LWY19]. Affine-Scaling [FY95]. After [Far16]. Again [Mc95]. Agglomerative [IO16]. Aggregation [DWWY20, Not06, Pul13, SST05, HJ89]. Aggregation-Based [Not06, SST05].

Aggressive [BBM02b, KK07, Kre08, NAY12, SCMV21]. Aggressively [SGX14]. Ahead [GR00, SK95, CH92, CH93a]. AIMD [WSSL06]. Algebra [BDHS11, BSvdD95, BF93, BFP95, BCGG10, CFL17, De 06, DD98, DD99, MG92, MMW18, NV94, Rau02a, Rau02b].

Algebraic [BIP08, Bol90, BM02, BW99, CL17, CCB+20, CT08, DYH06, DG91b, DG91c, DLMT13, EZ95, EK17, FL02, FT14, FV98, FS97, GHR21, GGG05, dMGF14, Guo98, GL00b, GL00a, Guo01b, Gsch07b, Hoo17, JLG08, JOAKt10, Kap90, KP99, KM96, LwCKL13, LS17, LG020, LX12, Lu05, MOR16, Neu00, Not06, Not16, Pap00, PS05, Pul13, SKP11, Sim16, gS98b, Sun04, VF00, VZ06, gWeWL12, XLS16, Zim17, CRR93, San88, Sch95a].

Algebraically [RW01].

Algorithm [BD95, CO99, Di 09, Di 00, KHE04, MMT08, Tam99].

[ALAK94, AA94, AMMS08, AMH10, ADD96, Arg15, AB01, BOC107, BES05, BLW15, BEG09, BFS21, BP92, Bor14, BBB02a, BBM02b, BB06b, BMU94, BKK18, CM93, CCB+20, Cav94, CI95a, CS96b, CGBS, CGCGS99, Cha00, CGS+08, CH98, CCG+09, COV14, C15a, CHMW20, CB00, DBW15, DW06, DH03, DDN20, Day97, DV07, ...]
DGL99, DMM03, DV08c, DV08d, EKE99, FHI15, FH19, FLM10, FLM12, FM93b, Fuh07, GVK20, GNS18, GHW99, GNP94, GHW90, GDX11, GPS90, GLS94, GE94, GE95a, GGBCC03, GO06, GOS15, Guo02, Guo03, GIM08, GHT10, GL10, HN90, HO94, HB12, HW98, HR01, HR95, HT00, HL11, HL13, HL21, HG14, IM13, IK06, IAV13, IM16, IO16, JR99, JS94, KK07, Kau93, KL98a, KHH04, Kni08, KRU14, Kre08, KW94, LH22, LHC16, LGC14, LH05.

Algorithm [LZ10, MM11, Mar11b, MLV00, MTV10, Mel01, MM09, MVV92, NRT92b, OW96, OYBV9, PYHK93, Par99, PO03, QXX14, RD95, RST10, RS08, SK95, Sen98, SdJJ+18, SB05, Ste09, Sm03, ST01, Spe98, Ste01, Ste02, Ste05, Ste06, Tas15a, Tur03, Usc12, VZ91, Van11, VV12, Ven93, W911, gWCWL12, Wat95, Wat00, XU90, YP98, Ya00, ZS14, Zha17, ZBJ15, Zhl12, Z98b, ZS07, Zim17, Bar93a, CM89, CM92b, CY90, Fuh88, GIMT95, GE95b, MT98, QQ88].

Algorithmic [BG19a, BBGL92, EL08, GG13].

Algorithms [ADGH18, AMHL22, AG91b, AH16, AG92, AD98, Auc91, Bar19, BM00, BBV9, BM19, B09, BEG90, BJMS17, BG13, CE02, CG03b, CDG05, CD13, C02, CB0, DN08, DHST05, DM04, Drm00a, DK09, DK01, EAS08, FH18, Gen98, G15, GXX94, GQ14, GR17b, GPTPV16, Gu98b, Gu98c, GCC18, GO11, Gup02, Gut92, Gut94, HMS9, HR04, Hig90b, HRLQ09, JH88, KW92, LUC18, LW91, LX06, Lu95, LV17, MV14, Mde04, Meh08, MP12, MP091, MSKCC21, MMH94, Nc019, NS94, NY95, O10, PM06, PL18, PTC13, GPR98, RG05, RT20, Saa06, SKP11, SDD15, ST14, Swe93, TYUC17, Vav94, VS14, WE91, Wat93, WE94, Wat98, Wat92a, WL21, XX16, Xia12, Xu98, Yan98, YGL18, ZZS02, ZFW07, ZLN10, ZGP10, BBDS95, BDV89, KP92, Pan91, Pea88, SB88]. All-at-Once [LW20b]. Allow [KOSvdD07]. Almost [GP06, Ya00, HD97]. almost-diagonal [HD97]. Along [Ste21]. Alternating [BST16, C10LL20, DN08, De18, GHHW90, HYX11, KP08, S17T12, usc12, gWCWL12, WC14, WCY15, Yan20, ZN21, CSEP21]. Alternating-directional [gWCWL12]. Alternative [BES05, BE10]. AMG [HV19].

Among [BHH*08, Mat05, GPTPV16]. Anal [Ano11, CH93a, Gl97, HC89b, WW08, Zha95]. Anal. [Ik97]. Analog [HM90]. analogue [CH88]. Analyses [CPS97, CP98, PGVR98]. Analysis [Afs08, AA19, AB01, AKP08, AMR*18, Bar93a, Bar19, BH90, BH93, BGSC07, BvdG11, BDF22, BC10, BCW12, CKL21, CG03a, CI95a, CG90, Che01a, CL09, CLN12, CD17, CG09, CGH11, CS10b, DHT01, DSSC11, DJR*18, EZ05, EK17, FT14, Fie96, FC01, FSS21, GSCS15, GP97, GA18, Gil13, GS06, GG05, GS10b, Gow96, GHN18, Gul95, Guo02, HHR99, HJOvdD93, He21, Hig90b, HHC03, HC15, HK12, HKBM08, IK06, IZ20, ISO7, IO16, J03, KAG94, KS03, KN09, KPC94, KMP01, KM11, LV16, Lew96, Lew99, LG02, LX06, LSB16, LS95, LT94b, MOR16, MT15, MF00, MM09, MS03, Nap13, NOZ11, NZ16, Not03, Not14, PP05a, PP05b, PAH17, Pet21, Pul13, QCT16, RRR06, RST10, Saa97, Saa16, SS19, Saa19, SaaT06, Sim16, Ste05, Ste06, Ste11b, Sun95a]. Analysis [Sun96, Sun04, VV88, VV90, Wat92a, Wei92, Wel11, WL12, XE10, YC97, YLA97, Zha93a, Z011, ZZS02, ZLN10, CM99, CM97b, DB88, HC89a, HC89b].


Antisymmetric [KK17]. Antitriangular [CLN12, MV13, PW14b]. Any [AKP08, BKGR+18, CT99, GPS96, Pai09, TM12].

Apart [Rum15]. Appearing [LW05]. Appl [Ano11, CH93a, GI97, HC89b, Ikr97, WW08, Zha95].

Application [AGQS22, AMH09, AH14, BG15, Bez12, BM01, CR96, CS01, CS10b, FMRR13, GPM03, GS06, GP16, HM04a, HR00, HT00, HSH18, HTLW13, Ian09, KS03, KMS01, KMS03, Li99, LF02b, LY03, LV10, LK95, Mai09, Mat97a, MS10, MSS19, PAP00, PL14, RBB90, Ric92, STvDD17, SWYM96, Sid95, SEM13, SS17, Sor92, SD19, TFL11, WA07, JN89, MP88].

Applications [AJRS13, Alt13, AG88b, Arg15, AD21, ANT19, AL98a, AB13, BO96, Bar93b, BBT06, BSZ20, BKOS80, BMM21, BCGG10, Cap00, CCJ00, Che98, CC97, CDH12, DCM08, DGG1a, DJ09, EK91, EK90, FPST13, FFH+19, FNS08, GLS12, GMN18, GL21, GHN18, HN90, IUM14, J03, J01, KN11, KL13, KN98, KN08, Pei01, PGVR98, RN18, RE13, Saa06, SZ07, SA22, SB01, TL06, TH01, Tsv93, WCW10, WZL21, XPL+18, ZQZ14, ZZLY02, ZR95, ZWP18, Fuh88, GBCW98, KN09]. Applied [DFT92, EN08, MR97, RSS09, Wal03].

Approach [BE07, BL94, Bor90, Bos21, BET02, BEGM05, CSX15, CL17, CG03a, CH06, Cle00, CF00, Dax08, DG91b, DG91c, DEG+99, DRV21, EK97, EK99, FL18, Fri05, GL99, GHR21, GRT07, GT02, IUM14, IM16, KO05, KB90, KN90, Mal04, Mim00, Moa05, MS18, NNT17, Neu00, PAP00, Pil94, PR12, PJ10, SD19, TETA05, VF00, VGV09, VV10, WE90, vdWM95, VV88].

Approaches [MHG17]. Approximability [HHSW97]. Approximants [BL94, CM93, Hig01, Bas89]. Approximate [ADD96, Beb06, BM02, BS02a, BS02b, BAMC20, Ch01a, Dav08, FMFJ18, GRK17, GL03, HO10, HM97, IKS90, JC22, JT98, Joh08, LC16, LBL05, MS03, Pha01, SEM13, gS96, Tan99, TW00, TP14, XG10, vd99, KY93]. Approximately [GN13].

Approximating [CHKL01, DPP13, GMMO17, PS08, VV15].

Approximation [AKU20, Arg15, AK90, AR93, Asw16, Bai05, BG15, BRZ06, BV95, Cap98, CS09, CRY+21, Chu91, CG89b, CP03c, CDLP05, CK20, DDVD00b, DP00, DMH19, DKK18, DK08, DWWY20, DL17b, ES90, ES11, ED22, FZ16, FNS21, GMN18, GG11, GG14, GCC18, GC19, GO11, GGO13, GN16, HK08, HPS13, HI15, HGL05, HT17, HV19, IAVD11, IAV13, UIM14, JK15, KN00, KS15, KL07, KL10, KR02, Kol03, KO15, KJH16, KK17, Ls94, LNSU18, LF13, LV10, Lu98b, LRSV13, Mac99, MU13, Mat93a, Mor22, MBM08, NS11, Ose10, OSS14, Qi11, Rei91, Reu02, RHE14, RS21, SD16, SSS10, SD21, Ste08, SH93, Tan94, TYUC17, Usc12, WC14, WCY15, WS12, Yan20, YGL18, ZMK02, ZG01, ZLQ12, ZXL14, Zie95, dSLO8, vdV96].

Approximations [BYDW18, BN05, BD09, CCB+20, CG03a, CWY20, Dax08, DM90, DI19, FMS21, FT07, FKL13, GR93, GL10, GH95, HB12, HST19, JKN11, LT09, MGH15, NNP04, NW14, Nie17, NST15, RP10, Sid95, Ste13, STT17, XC18, ZZS02, ZZS04].

Arbitrarily [Rum15, Rum91]. Arbitrary [AMHL22, BM0vdD04, FH19, LH22, Mas95, MBO97, PK93, PK94]. Arc [GHT10].

architectures [JH88, JP94]. Arising [BM96, BMM20, BM06, CGS94, DS16, ES08, GMP92, GT11, GV99, Gdl08, GKL12, HV05, HLQ09, HKMB08, ILNS17, LX12, Lu05, MP11, VOG99, FGS96]. Arithmetic [AS93, BD93, CR16, DJ00, HK95, JR13, JMRP19, LEMCD19, Tis01a].

Arithmetic-Geometric [BD93]. ARkNLS [CSEP21]. ARMA [SH91b]. Arnoldi
[BS05, BR08, BMV18, CKR05, CZ02, EG20, Emb09, FS10, FGS14b, HKV05, Huc94, JMM14, KO14, KS20, LS96, Leh01, LSB16, MR97, Mee09, Mor00, Nov11, RST01, Sor92, Ste10b, TM12, XE12, ZH17]. **Array** [MVV93, Rau02a, Rau02b, YB91]. **Arrays** [Cho10, GMBS12, LRA93, OST08, Ste08, SD09]. **Arrival** [Par94]. **Arrow** [AG92]. **Aspect** [ZZTA02]. **Aspects** [Bos21, EL08, LPT10]. **Assignment** [AD98, BMU94, FP98, GP97, Mim00, NK01, Sun96, Zab91, CM89, CM92b, Zab89]. **Associated** [BD95, CFG98, DMS13, JZ99, Kir95, Li93, MMT08, CRR93, Tre88b, WE89]. **Astronomical** [BN06a]. **Asymptotic** [MP21, Meh08, MT00, Naj98, NSCS10, OYBV19, Ser98, SM16]. **Asymptotically** [Li06]. **Asymptotics** [BSU15]. **Asynchronous** [ADLK01, ADV05, DGL99, SB01]. **Attention** [IS08]. **Augmentation** [SHZ12]. **Augmented** [CFT16, EG00, GGLN13, Gut14, LW20a, Mas16, Mor95, PAP00, Pai10, Saa97, WZ17, Wri97]. **Augmenting** [Rie92]. **Autocovariance** [Elt92]. **Automata** [GGJ18, GDF01]. **Automated** [EV06]. **Automorphisms** [IZ04]. **Available** [Lee96]. **Average** [TS90]. **Average-Case** [TS90]. **Averaging** [Moa02]. **Avoid** [SD09]. **Avoiding** [BBD+14, DGGX15, KDGG13]. **axis** [Sch95a]. **Back** [IT06]. **Backtrack** [AHN21]. **Backtrack-Downweighted** [AHN21]. **Backward** [AA09, Ari00, AB01, AMVW15, AMR+18, Bor10, BKMS14, BKMS15, BX08, CGP09, CL09, CB00, CM89, CM92b, CH99, DM04, EGTP17, GNS18, GA18, GJTP12, Gu98a, Gu95, HG18, HH92, HH98, HLT08, JTP10, KZ10, LC15a, LVV16, MV21, NH12, PRS06, RJ14, Rum15, gSS97, gS98a, g500a, Sun04, Tis03, Var94, XW07, ZS14, ADD89]. **Bad** [Pan16]. **Balance** [NW02]. **Balanced** [AK90, BMMT10, CFL07, DRV21, HMP94, HPTH19, PR88]. **Balancing** [EN08, KKS97, LV06]. **Band** [AG91b, BGKS99, CD98, HPS15, Nab99, NV02, ZZTA02]. **Banded** [BS15, BM99, CG03b, CKM22, DK08a, GLS12, H934, IT06, JP93, Kau93, KS17, T99]. **Bandwidth** [RS06]. **Banks** [CMPX03, HM04a, Jia01]. **Barabanov** [GZ15, Mor12]. **Barycentric** [Law13]. **Based** [AT07, AG19, AR93, Bar08, BBV19, BB12, Bér09, BDG15, BDF22, BK95, Bor09, BCM15, BKK18, CKR05, CCJ+00, CH98, DV08a, DRV21, FGS14b, GCC18, GR00, GZ13, HNR22, HT17, HJP03, IAVD11, KO05, KP08, Li16, MMD08, MJM11, Mit21, Not06, Pu13, RSH21, SZ99, Sai16, SST05, SKP11, SB05, TMVN10, ZYSY20, HK12, JMW96, MF20]. **Bases** [ABM21, BDD14, BdTD11, EM10, LP17, MP12, NS94, RV17, SV93, vdMS05]. **Basis** [DG91b, DD13a, Fer97, LF02b, MLV00, ZZS02]. **Basis-Kernel** [SB95]. **Bauer** [wC03]. **Bayesian** [BDR12]. be [Hu92, Rum15]. **Behavior** [BK15, BLO07, KS20, Naj98, Rog05, Tam97, TM12, GS92, Sun89]. **Behaviour** [Drm96]. **Being** [M94]. **Bellman** [AB19b]. **Benford** [BHKR11]. **Bernstein** [AK20, AK21, DP10, DP15]. **Best** [AKU20, DDV00b, DMM19, ES09, ES11, ED22, Fe94, FMS21, GH92, GCC18, HST19, IAVD11, IAV13, JK15, KR02, Lás94, Lee96, LNSU18, LBL05, LT09, NW14, Q11, RHE14, SS10, ZLQ12, dSL08]. **Beta** [DK08b]. **Between** [CG96, FNV08, KA07, Pen98, Xu98, ANT19, BS02b, CG92, CF02, De 06, Drm00b, FN04, Lim13, P05b, RST18, XPL+18, YL16]. **Beyond** [CG19]. **Bézier** [Bez12, Fe95].
Bezoutian [HH93]. BiCG [ASvG17, Gut14, Sim97]. BiCircle [GW07].

Bidiagonal [Bar02, Fer98, GE95a, JOvdD01, JOvdD04, LGC+14, Par05, WLV06].

Bidiagonalization [Ari13, Bjö14, BB07, CGHR07, HPS15, NJ03, Sut12].

Bidiagonalization [Ari13, Bjö14, BB07, CGHR07, HPS15, NJ03, Sut12].

Bifurcation [Bea01]. Bifurcations [MS10].

Bilinear [BB12, BGG18, Cao09, Cor93, FG15, LSM22, RODS15].

BiLQ [MO20].

BILUTM [SZ99].

Binary [MP11].

Biorthogonal [Sta02].

Bipartite [FL02].

Biproportion [de 94a].

Birkhoff [CLN14]. Birth [Cla10, DQ02, GdlI08, Guo02, Guo03, HMR01]. Birthday [GKR90, Mo92].

Bisection [AL98a, Ji92].

Bits [INRZ21].

Bivariate [NNT17].

Björck [BEG+09].

Black [AV91, MH95].

Blind [De 11, GL21, PO03].

Block [AGJ14, AMB21, AL95, BDD14, CGMZ21].

Block-Circulant [BDFF22].

Block-Diagonal [BOS16].

Block-Diagonalization [MM11].

Block-GTH [OW96].

Block-Hankel [MVP05].

Block-Iterative [CE02].

Block-Jacobi [OYBV19].

Block-LU [ES92].

Block-Monotone [Mas16].

Block-Oriented [Har07].

Block-Parallel [ZS94].

Block-Schur [KMP01].

Block-sequential [Pea88].

Block-Similarity [FP98].

Block-Toeplitz [BDFF22, CNW08, JV16, MVP05, KC94].

Block-Toeplitz/Hankel [MVP05].

Block-Triangularizations [IIM94].

Block-Tridiagonal [HO92].

Block-Tridiagonality [KMP01].

Block-Toeplitz/Hankel [MVP05].

Block-Triangularizations [IIM94].

Block-Tridiagonal [HO92].

Block-Tridiagonality [KMP01].

Block-sequential [Pea88].
WD00, Ye09, ZAK13, ZK17, vDHvdV00.


Can [Emb09, Fos94, HGC00, HSC04, Rum15]. CANDECOMP [GMBS12, PTC13, dMGF14, Ste08, SD09, Ste12]. CANDECOMP/PARAFAC [GMBS12, PTC13, dMGF14, Ste08, SD09, Ste12].

Canonical [BDD14, DDV04, De06, DJK17, DD13a, DD13b, DD14, DL15, DS18, ED22, EVD22, GZ15, HMT10, IT11, Sai19, SC05, SDC+12, SD15a, SDD15, SD15b, SD19, Ste11a, SL12, Ste13, Ste16a, Usc12, VD21, WC10, ZQ10, Zim17, de90, Hon89, WW08]. Capizzano [WW08]. Carlson [CF00]. Cartan [Tam99].


Centro [HBW90a]. Centro-Hermitian [HBW90a]. Centroid [CF02].

Centrosymmetric [Bai05, TY02, Yas03]. Certain [ADC04, BD95, Dan93, HKG09, HLT91, IZ04, KS08, MP21, OS10, Wil08].

Certificates [EMC17, Mit21]. CG [EOS19a, NY95]. Chain [Bar00a, BF11, ES08, Hey95, HO98, Mat96, Mey94, OW96, ST01]. Chain-Random [ES08]. Chained [AB19b]. Chains [Bar93b, BHKR11, Bor09, BPS05, Buc00, BrD07, DS97, DA05, DR93, DWY20, EHW10, IM94, Kir02, LM06a, Liu12, Mas16, O’C02, TVW15, XG98, Zha93b, CRR93].

Chan [JWX03, KO05]. Change [BI99, DD16]. Change-of-Variables [BI99]. Changes [AKPP08, KA07]. Channels [BBM21]. Characteristic [BDF17, FIS01, IR08, RI11, X15].

Characteristics [PJB10]. Characterization [BG19a, BZ00, CGH11, FG13, LF02a, MG10, TY02, Tre05, Wei96].

Characterizations [CGRVC08, CT08, CHW10, CH94, GP06, Yas03]. Characterizing [CPTP09a, JLZ16]. Chart [BGBM92, Tis03]. Chasing [Van11, WE91, Wat93, WE94, XU20].


Cheeger-Type [Wal03]. Chemical [KS15]. Choice [MH13a]. Choleski [BCMM95].

Cholesky [AM09, BOCL97, BK89, Bér90, CP98, CH98, DHT01, DH99, DH01, DH05, DK00, DN11, DOV94, GNP94, GSS96, GMRS00, LGWX12, LC05, Lin19, LMCC22, LN14, Nap13, NR99, RODS15, RJ14, Ste93a, Sun95a, XG10].


Circulant [AG91a, BBT05, BEBT07, BDF22, CT99, Ch89, CNP94, CCZ97, CP03c, dMGF14, Huc92, LW20b, Mat93b, Tyr92].

Circulant-Like [CT99]. Circulants
Classes [HMT93, JvdD03, Kar11a, HS88].
Classical [CLR21, HPS*11, Pro13].
Classifications [HRS88].
Classified [KNX04].
Closest [AD98, HGC00].
Closed [Guo98, RW01].
Closed-Loop [Guo98].
Cluster [SCBG05].
Clustered [BDGY20, HJP03, SD16, Wul05].
Clustering [MW12, OS10, Van08].
CMV [BDG15].
CMV-Based [BDG15].
Co [JN89].
Co-square [JN89].
Coalescing [DP09, DPP13, Uhl20].
Coarse [AG19, HV19].
Coefficient [Art03, BZ00, SEM13].
Coefficients [AG00, BES15, Beb06, CR10, Elt92, GKK94, Gre99, IS11, JV04, LS95, Mat06, Mat05, Mei17].
Coherence [IW14].
Coherent [LW05].
Collection [CCS05].
Collinearity [FB94].
Collocation [DP10, DP15, HHRV99, LHHR95].
Coloring [MSZ15].
Column [CK20, DGGX15, DS10, GNP94, GG03, MM00, RSS94, ZZ01].
Column-Partitioned [ZZ01].
Columns [IW14, JNP21, VV99].
Columnwise [SDC*12].
Combination [SW08, All89].
Combinational [NS94].
Combinations [KO14].
Combinatorial [ACST09, IS07].
Combinatorics [DS10].
Combined [LS07].
Combining [GRT07].
Come [HGC00].
Comments [Guo03, Ikr97, WW08, Zha95].
Common [LS10].
Communicability [AB16b].
Communication [BDHS11, BBD*14, DGGX15, GDX11, GMN16, KDG13, WSSL06].
Communication-Avoiding [BBD*14].
Commutation [GP03].
Commutators [BK97, LŠ10].
Commuting [Per91].
Commutors [CM03].
Comon [GOV19, ZHQ16].
Compact [Ble21, HK12, KHH04, VMM15].
Companion [AMR*18, BDG15, BB98, DDM10, Kit95, Law13].
Comparison [DD21, GS21, MS02, TMNV10].
Compartmental [BH93, LW02a].
Complement [CNW08, ET10, HS95b, LZ05b, ZXS21].
Complementarity [Bai99, CH93c, CHLS00, Gow90, GS94, GS02, HLT12, Kan96, MP95a, MN97, MPS98, MM00, MPS00, PYHK93, QL99, Ven93, Pan91, WBP89].
Complementation [DV06b, Sen08].
Complements [ABN09, CDGS10].
Complete [DD12, FXG18, Fie96, Gou91, GDF01, HV97, Tsa98].
Completed [Gut92, Gut94].
Completely [Auj00, DS97, LQ16, QXX14, SBMJS13, TVD15].
Completing [HMP19].
Completion [Asw16, BJI98, BDR12, CSK95, DS10, DS19, Fri02, JRS8, Laut00, Nae93, SC10, SD19, ZF14, BJ55].
Completions [CD98, Dan93].
Complex [BLAK91, BMV20, CHH*15, COV14, CW96, DZ01, GITT96, GW05, GZ09, Har19, Hig92, HG21, HLM94, HV05, JLZ16, JP09, Koh99, LX12, Mar11a, MV07b, RRA05, Tam98, TTS99, VNMV14, WD94, YL08, CH88, CM92b, Hon89].
Complex-Shifted [HG21].
Complex-Symmetric [HV05].
Complexity [DYH06, JMRP19, KKS97, LH05, PL18, PTC13, Xia12].
Complimentarity [CC92].
Component [MYA19, RST10, Yn98].
Components [AR93, BLO04, CI95b, JS04, MTV10, Ste08, SD09, Ste12].
Componentwise [CC09, Dem92, EGTP17, GK93, Pet21, RK95, Rum97, Rum03b, Rum15, Zha93b].
Compositions [BM01].
Compressed [BD20, HS14, JKN11].
Compressibility [ST21].
Compressible [BIS12].
Compression [BB20, Spe98, YXY20].
Compressions [FHGJ06, MA99].
Computable [GL96, Jia22, Lie90, GI97].
Computation [ASVM04, AMMS08, ABM+17, AT98, ABF16, AMVW15, AMR+18, AABR19, BL13, Bar93b, Bar00a, BL94, BL00, BKS08, BBM02, Bez12, BN10, BL91, BRZ06, BHM97, CJL96a, CJL96b, CI16, CWY20, CDD00, DDV04, Dhi98, DD20, DD21, DJ00, Efi13, EVD22, FH10, GL17, GT08, GC19, HP09, Hey95, HIW15, HI15, Hua21, Ian09, IS08, KS17, KL18, LC16, LB96, Mal06, Mar91, MR97, Mel04, MG10, Ost10, PLM94, RDC93, SC05, SGX14, Sut12, WZ17, WZZH21, Zen16, Fuh88, GBCW89, O’L90, WW08].
Computational [DMP96, KBHH13, LPT10, Mei04].
Computationally [BN05, BMP20].
Computations [DP15, EKNX93, Gil94, GZ13, Hig93, Koe07, LNP93, LE02, Mat95a, Vog99, WY17, YB91, GS92].
Compute [BD98a, Cif21, GNP94, GO06, HMP94, LH22].
Computers [BMSV92, NY95].
Computing [ABL94, Ain17, AMH09, AH14, BO96, Bar02, BF11, BYDW18, BM19, BG91b, BHR10, BGN12, CI95a, CHZ16, CW96, DH03, DA05, DHW92, ES09, EW13, EM15, EH90, FI18, FH18, Fer97, FH20, GN18, Gm98, GH90, GKKX94, GS92, GL13, GKL14, GSO15, Han03, HY01, Har05, HM20, HW98, HO98, HMMT04, HL21, JW18, JKM11, JMM14, JS04, JN03, JCG14, KL98a, KM11, KM14, KV14, LW97, LP13, LV17, MV08, Mar11b, MOR04, MV17, MZ19, Mi10, Mi12, NGB10, NH12, NS11, NP20, NS04, PW90, QS06, QACT13, RI11, RK95, RST01, SdJL+18, Sm03, SACS21, VV10, Wat92b, WD95, WLV06, Xu05, Xue96, Zha17, vDHvdV00].
comrade [NP16].
Con [HB12].
Con-Eigenvalue [HB12].
Concave [Fou18].
Concavity [Gro98, KN94].
Concentration [DG19, GVK20, Yse22].
Concept [Han94].
Concerning [Kir02, Wei95].
Condensed [Meh99].
Condition [AMH09, AW10, ABG07, ANT19, AW05, BDMS10, BDMS12, BGT14, Bis90, BLP90, BD10, Bol10, BK19, BV18, BK06, CT93, CD05, CC09, DBW15, DMC13, Dhi98, Drm96, ES05, FH21, GI00, GK93, GKKX94, Grc10, GV07, Har05, HH92, HH98, HR14, HQ16, KKT06, Kar10, KL89, KLR98, Kir02, KPM09, KW94, LX09, Li06, LS11, LW94, LP11, LT94b, Mat95b, Mor12, PP92, RAV05, SSTD06, SB92, gS00a, Tan94, TT14, Tur97, VT98, ZMV17, Ede88].
Conditional [CK00, RR08].
Conditioned [AB19a, KRS19, MX98, NV02, PAP00, Zen19, FGS96, Rum91].
Conditioning [BG11, BDGY20, Baz00, DP10, DP00, GTP13, HMT06, HIW15, Mal03, Nap13, SS19, TCTM00].
Conditions [BDSC11, BM00, Cor93, DL15, ES11, GMBS12, JLS01, LS10, Mas16, NNP04, Pit19, RR98, ST08, SD15b, Sou19, SdA10, SL12, VH16, ZWF05, Gad88, OW88].
Cone [BW95, NW98, SW91].
Cones [Pit94, VFC00].
configured [JH88].
Confluent [Hig90b, Lu94, Lu95, Lu96, Lu98a, ZZ98b].
Congruence [BM20, FJ06, PR91, Hon89].
Conic [PJB10, Sec11].
Conical [BP21].
Conjecture [BTV03, CG15b, GKL18, JP09, ZHQ16, FF93].
Conjugate [AV91, BM00, BES98, BG06b, CFT16, Car18, CLGV11, CYA+18, DFT92, EG00, FAT16, GRT07, GTP114, GNN16, Hal20, HS10, JX20, KL08, LW20a, LH05, Saa06, Tref05, YBZ16, Zha10b, GS92].
Conjugate-Gradient [CFT16].
Connection [NSS13, GKR89].
Connections [FNP04, MBN17, Sid95, SX11].
Conquer [AA94, CK91, CKM22, FLM12, GE95a, GGbCC03, LGCC+14, Sut13, XQ08, GE95b].
Consecutive [DD99, EG00].
Conservation [CG03a].
Conservative [OP50].
Considerations [DHW92].
consimilarity [CH88].
Consistency [Han94, KN89, Pen95].
Consistent [BLL22, CKL21, CPTP09a, FST+13, LWRY14, Uhl18, YGM09].
Consistently [Har93]. Constant [BK19, GHL03, Mit20]. Constantly [LW20a]. Constants [BT10a, Cro16, Mit21].
Constrained [ALP07, AE97, AEGL19, Aru92, BN06a, BMO92, Bar98, BBT06, BOS16, BKK07, CG10, CJ21, CH99, DS16, FM93a, FT07, GW92, Gul95, Jam92, KP08, LY03, Mar11a, PSW12, SZ07, SS13, SdA10, WD00, ZHY16, FGS96, GL96].
Constraint [Bai05, BNW09, Cao02, Dol07, KGW00, yPWjP12, ZH03].
Constraint-Style [Dol07]. Constraints [AW00, CG98b, EAS98, GS10a, HS10, LG11, LMP12, LWJ22, Sec11, VBW98].
Constructed [AG19, Cap98].
Constructing [Chu95, DHST05, KU13, LP17].
Construction [AG91b, BS10b, GZ15, LHC16, Mac98, Tur03, VF00, XHC21].
Constructive [AR93, BLV15].
containment [BF89].
Continuation [BT10b, CH93c, Kan96, Ple00]. Continuity [de 90].
Continuous [BET02, BZ00, CH94, WBP89]. Contour [LXSdH20, YXC+17]. Contour-Integral [YXC+17].
Contractibility [AhS98].
Contract [BRR00, CG15a].
Contractions [Nav93, JR88].
Contribution [BG11, SC05, WW08].
Control [BSZ20, BB12, BOS16, BGG18, BM06, DS16, GPM03, HS10, LS95, TFL11, Yan93, Cri88, DK88, Meh88].
Control-Constrained [DS16].
Controllability [Car94, EJK09, JMO93, Tsa98, Wim88b].
Controlled [MM11].
Controlling [FGM91, HN09]. Controls [BF06].
Convection [BWQ06, BGSC07, Ern00, LG06, MMN22, RP10, de 92].
Convection-Diffusion [BWQ06, BGSC07, Ern00, RP10, de 92].
Convergence [AMMS08, Ano11, ADC04, Bai99, BMY03, BLL22, BM05, BER04, BGV10, Ble21, Bor9, BrD07, CCL21, Cao00a, Cao08, CPZ11, CD17, CLL20, CCG+09, CG15b, DGRM00, DR93, DIKM11, Drm10, Ehl92, FNS08, FGS14a, GH92, GPS96, Gu01a, Guo02, GR97, GP04, Har07, Har19, HKV05, HMT93, IK06, Jia95, JZ99, Kni08, KN09, Kre08, KS20, LWXZ06, Lie00, LS04, LX06, LWRY14, MNR15, MS02, Mas95, Meh03, MH15, NOZ11, NZ16, Not03, Not16, Not19, OYBV19, RT20, RS08, SS19, SST05, SWZ11, SEM13, Sim00, SH91a, Sou19, SU94, SB01, Us12, WC14, WCY15, WZ17, Wu17, W¨ul05, XZ22, XE10, Yan98, YGM09, Yan20, Bas89, KN89, SS89].
Convergent [ASVM04, Auc91, CRS99, CRS01, GR17b, LUC18, QS06, ZZ98a, AdHN88].
Converges [Ste21].
Convex [BL21, CTf21, FJBd15, FS01, HM04b, Lew96, LP11, Lu20, Pin19, PPL02].
Convexity [BDMS10, BDMS12, BLO07, HS00, KN94, KNX04, LP00, LS11].
Core [Bé09, HPS13, HPS15, HPS16, PS05, Xu20].
Core-Chasing [Xu20].
Core-Correction [JWN18, LS17, Sto02, ZX21].
Corrections [PL14, XLS16].
Correlation [BHR10, CdS90, HS16, Hol91, LP96, LT94a, QS06, SCPW12, FF93, GP88].
Corresponding [AT98, GR93, QACT13, QCT15].
Corrupted [HNRS22].
Cosine [AMHL22, CDD00].
Cosine-Sine [CDD00].
Cost [RT93].
Counterexample [BT03, HS00, Koi03].
Counterexamples [JP09].
Counts [COP20, GNP94].
Coupled [CH97, DK15, JLS19, SS19, SD15a, SDD15].
Coupling [DS97, FNV08].
Covariance [BF03, BN06a, BKK07, BX05, CS10b].
Fuh07, Lu10, MSM21, RD95, SCA12, Ste91a, VP93, dBG08.
Covariance-Preconditioned [BN06a]. CP [BBK18, FZ16, ZN21, ZF14]. CP-Matrix
[ZF14, FZ16]. Cramer [DTGVL05].
Crawford [KLV18]. Cream [SW91]. Criss [BM19, LV17]. Criteria
[AM09, ADR92, Ari13, AM05, AB16b, CPTP09b, COV17, EL91, BF89].
Criterion [AH07, FM93b, Li02, SNC02]. Critical
[AAV10, BJL98, CCG09 +, DLT15, O’N95].
Cross [BM19, LV17, GBCW89]. cross-validation [GBCW89]. Crossing
[Uhl20]. Crouzeix
[CGL18, CG15b, GKL18, RS18]. Crystals
[HHLW13]. CS
[GS18, Ste16a, Sut12, Sut13]. Cubature
[Sch95b, Xu15]. cube
[JH88]. Cubes
[NS09]. Cubically [ASVM04, ZZ98a]. CUR
[HH21, MMD08]. Curl
[CHH +15, CZ03, HHLW13]. Curl-Related
[CZ03]. Curve [GPS96, KS12]. Curves
[Bez12]. Cutpoint [KN99]. Cuts
[GN13]. Cycle
[Gr98, ADC04]. Cyclic
[BG94, Drm10, GH92, Ger92, Guo03, Har07, HMR01, Mar91, Non96, RT99, SS89].
Cyclically [GV99].

D [Zha95, SYJ00]. D. [Ikr97]. DAE [BL02].
Damped [Lau07, PTC13, Tas15b]. Damper
[TV09]. Damping [Tas15a]. Dangerous
[HN22]. Dangling [IS08]. Darcy [Fat16].
Data
[ADGH18, AM09, AG01b, ADHM19, AKP08, BKKL91, CGGS98, CGP09, CDLP05, EL97, EGK91, GG11, HJP03, IO16, MMD08, MU13, MW12, RK95, SNC02, Wat01, TX96].
Davidson
[HP02, HKP05, HN09, Not05, SvD96, Sta02, SX11, ZS07]. DCT [PL18].
Death
[Cl10, DQ02, Gdl08, Guo02, Guo03, HMR01]. Deblurring
[BDSC11, BBTK08, GL21]. Decay
[BES15, BS15, FSZ14, MNT10, Nab99].
Decaying [FSS21]. Decision
[AGQS22, LP89]. Decisions [Ste16c].
Decomposability [GDF01, SL94].
Decomposable [DS97, Li91, MHHG15]. Decompose [FT16]. Decomposing
[BLW15]. Decomposition
[AG88b, AL98a, BB08, BOCL97, Bar02, BDD14, BBK18, BOS13, BBV19, BD95, BX08, CS01, CM92a, CG92, CGP06, CL09, CLN12, CLL20, CFG97, CDD00, CF02, CK00, DDV00a, DDV04, De 06, De 11, DG91a, DD98, DD12, DD13a, DD13b, DD14, DL15, DD20, Drm00a, Eir00, EVD22, Fri05, GMN18, GL17, GNS18, GJ96, dMGF14, Gra10, GE95c, GOS15, GW92, HMP94, Hem95, HMT04, HMT10, HIW15, HV97, HJP03, JS94, JN03, JW11, Kap90, KL92, KZ10, Kol03, Kon00, LRA93, LF02b, LS17, Lin19, MV07b, Mat93c, Mat95b, MV92, MHG17, NGB10, NH12, O’N05, OOd98, Ose10, PS94, PE95, PPH95a, Pet21, QC821, Rei91, Rob16, RS94, Sia16, SST05, SS06, SK20, SDC +12, SD15b, SD19, Stefan1a, Ste12a, Ste93b, SV00, Sm95b, gS00a].
Decomposition
[SV15, Sut12, Sut13, Tol97, Tum02, Van10, VD21, VKDD21, VNVM14, WE94, WCCW10, Xu05, YB91, YL08, ZN21, Zha91, Zha93a, ZHQ16, vD83, CS89, CG90, Gi97, IM95, WE89].
Decompositions
[BES05, BG15, BvdMR +97, BL10, BV18, BDP20, CGCDM13, CD00, CHH +15, CD13, CF02, De 08a, De 08b, DN08, DCM08, DVM92a, De 94b, Dem99, Di 00, DE99, DD21, DIS15, DMM08, FB95, Fie96, GP06, HH21, HY01, Her90, Her96, Kol01, LC16, LS07, MMD08, MV08, NY19, NY20, SCPW12, SS91, SCBC21, SD15a, SDD15, SdA10, SL12, Ste16c, VD21, VKDD21, ZMK02, ZS94, vD95, vD95R01, Gd088]. Deconvolution
[MLV00, PO03, Yal00]. Decoupling
[CH06, CMT09, DIS15, KN99, vD95].
Decreasing [Pan93]. Dedication
[BRU88, GKR90, Mol92]. Deduce
Defective [Zen16]. Defectivity [BGMN15]. Deferred [vdG93]. Deficiency [Ste18]. Definiteness [IS11, Kar11a, PT18, Tam97].

Defined [IS11, Kar11a, PT18, Tam97]. Definite [ADGH18, AFPA07, BGN03, BW95, BJL98, BDR12, BD05, BS16, Cha00, CG98b, DHT01, EG00, FMFJ18, GI00, GKS00, Gru06, GLV10, GHT10, HO94, HMT09, HP02, Hu92, JH02, JSG15, KN91, LNTX11, LNTX13, LS11, Lin19, Lu98b, MV97, Mat92, Mat97b, Mel04, Moa05, Nie10, NY95, NV02, OR93, Pha01, Reu02, SAGS21, VGV09, WZ91, WH90, XHC21, Ye09, ZWF05, Zha17, Zha10b, AG88a, FM88].

Definiteness [CCL09, Roh94, XC18]. Definitions [De 08b]. Deflated [AGJ14, CGLV11, EEG11, GGLN13, Gut14, RN18]. Deflating [BBMX02]. Deflation [BBM02b, Dax08, EN08, KK07, Kre08, LS96, NAY12, PR12, RKN20, SEM13, SCMV21, TMNV10].

Deflations [MV14]. Deformations [EEK97, GPM03]. Deformed [GHN18]. Degeneracies [BP21]. Degeneracy [CC92]. Degenerate [CGSS01, DSSC11, Mat05].

Degree [ADD96, BS90, HM04b, Lie08, Mor94, Mu95, OV99, Che92]. Delay [DLMT13, MG10, MBN17, MZ19, Yan93, MJ11, MF20]. Delocalization [KMS15].


Dependent [BL22, BK15, CZBL18, GMBS12, MMW17, PSW12, SK16, SS17, SdA10, SL12]. Derivation [BLd93]. Derivative [AM09, AMHL22, BGMN92, CCH98, GL17, HL21, Koh99, KRX04, Nof17].

Derivative-Free [HL21]. Derivatives [ACL93, AT98, BE03, HL13, HR14, OW95, QACT13, Seb96, Sen06]. Derived [KC94].

Descent [KL08, Pan91]. Described [KLX07]. Description [De 18, FV98, Hla08, Krä19, Pop12, Ste16b]. Descriptions [SZK95]. Descriptor [BGMN92, CT91, CH06, CFL07, CT08, KLX04, MMW18, MV21, Mim15, RE13].

Design [BIS12, DDN20, DK99, GL99, GMS92, Kau06, KB90, RD95, SNC02]. Designs [KMS01, KMS03, LP13, NW02].

Desingularization [KO18]. Detecting [GHT09, GHT10]. Detection [BV92, Bom00, DD12, MS10]. Determinant [ASA04, BLdP97, BM01, CT88, FSV14, HKG09, JOvdD03, Reu02, VBW98, MP88].

Determinantal [LZ05b]. Determinants [FH93, IR08, Stu91, MV88, MOvdDW89]. Determine [LM18]. Determines [Par05].

Deterministic [BIS12]. Development [PGVR98]. DG [BGK+18]. Diagonal [ALN07, BV90, BOS16, Bor14, CDGS10, CNW08, Chu95, DHST05, DK99, DK01, GGVv5, Gre92, Har05, HG97, KB93, SCPW12, Th94, Tis04, Uhl18, Wal95, ZFW07, HD97, HR88, MV88].

Diagonal-Plus-Semiseparable [Har05]. Diagonalisation [Bin90]. Diagonalizable [FJ06, LM06b]. Diagonalization [Afs08, BANMC20, BGBM93, BMV20, CSX15, CL17, CS96a, Dav08, De 06, DK15, Joh08, LUC18, MM11, Phao1].

Diagonalizing [BS96, Dan91]. Diagonally [AB19b, CE02, CES20, DYY14a, DYY14b, For96, Hu92, Li02, LZ05b, Mat09, NV04, SWYM96, Sle09, ST14, Ye09].

Diagonals [HHC03]. Dichotomy [MS97]. Difference [BDE+20, Bor03, GKK99, GT99, LNT18, MT15, SCA12].

Differenced [VP93]. Differences [AMPV97, CP03b, CT93, SvdVM00, Zha00]. Different [YL16, Whi89]. Differentiable [ANT19, LS01]. Differential [AEG19, BGMN15, DLMT13, EK17, GHR21, Gre92, HHRV99, KM96, Moa05, PPLG20, RE13, ZHL12, JN89].

Differential-Algebraic [DLMT13, EK17, GHR21, KM96].
Differentiating [GTPT14]. Diffusion [BWQ06, BGK+18, BGSC07, ES18, Ern00, KNW20, ILNS17, MMN22, RP10, de 92]. Digital [SWYM96, DB88]. Digraph [Sev03]. Digraphs [AB16b, COP20, MOvdDW89]. Dilations [GCL16, MA99]. Dimension [BGK+18, HJP03, Ost10, Yse22]. Dimensional [BvdMR+97, CHH+15, GV99, Gre99, HHLW13, Jl92, JLS01, Ki99, LXsH20, OST08, RHE14, Sch05a]. Dimensionality [NBS10, OST08]. Dimensions [WLD18, YL16]. Diophantine [BT92]. Direct [Bjö14, CKL21, GK06, Hig93, Xia13]. Directed [DN11, Fit19]. Direction [GLV10, HXY11, Par94]. Direction-of-Arrival [Par94]. Direction-Preserving [GLV10]. directional [gWcWL12]. Disc [LZ05b]. Discrepancy [CS10b]. Discrete [ASA04, BF06, BF93, Bor03, BD95, CF02, CFL07, CZ03, Cor93, DL17a, DS18, Fer03, Guo98, HHLW13, JLS01, JOAk10, KO05, KH13, KLX04, Kuz15, LF02a, LgS02, Lin11, Mas16, RT93, Sun04, TCTM00, Tur97, Van08, Zzs04, LP89, Meh88]. Discrete-Time [CFL07, Cor93, JOAk10, KLX04, LF02a, LgS02, Mas16, Sun04, TCTM00, BF06]. Discrete-Trigonometric-Transform [K005]. Discretization [BGK+18, DGMR00]. Discretizations [Be06, Ern00]. Discretized [CDGS10]. Discriminant [CGH11, PP05a, PP05b, ZLN10]. Disjoint [LGI21]. Disjunct [CdS90]. Disk [Baz00]. Disks [LO20]. Displacement [BT17, BJMS17, BD95, CK91, CLG93, CSK95, Di 00, KC94, KO05, Pan93, PW03, RD95, DS95, GKR89]. Dissection [BV90, BHL+93, BT02, CCB+20, GTW00, HR95, SV93, Ten97]. Dissipation [MMS16]. Dissipative [MMW18]. Distance [ABK+11, Bar00b, BS16, BLO04, Dem92, DLT15, Fio11, GHHW90, Gu00, GMO+06, HW98, HS16, JSG15, KMS15, Lnu00, LOvdD02, Men08, Men18, Mit21, Qi13, Rum97, BJ95, Pow88]. distance-regular [Pow88]. Distances [KNS97, LM06b, Lim13, Rum03a, Rum03b, YL16]. Distinct [Far16]. Distributed [ADLK01, ADV05, IO16, KP92, Vog99]. Distribution [AW10, AW05, BF11, DQ02, DD10, DK08a, FFH+19, GN03, Har99, HM20, Mey94, WA07, ZZTA02]. Distributions [BMFY03, Cap00, DMC13, DK08b, ES05, KS15, Liu12]. Disturbance [vdWM95]. Div [CZ03]. Div- [CZ03]. Divergence [CG03a]. Divergences [DT08, LG121]. Diverging [Ste08, SD09, Ste12]. Divide [AA94, CK91, CKM22, FLM12, GE95a, GbCC03, LGCC+14, Sut13, XQ08, GE95b]. Divide-and-Conquer [CK91, CKM22, GE95a, LGCC+14, XQ08, GE95b]. Division [BDD13]. Divisor [DB20]. Do [DI19]. Domain [CM92a, CG92, Hem95, LS17, MS99, Par99, PGVR98, S99, SST05, TT99, Özg91]. Domain-Based [SZ99]. Domains [GLS12]. Dominance [LM98b, Wal95]. Dominant [AB19b, CGV03, CESC20, DYY14a, DYY14b, DIKMI18, For96, Li02, LQ05b, MVT10, Mat09, NV94, RS08, SWYM96, ST14, Ye09]. Dominated [LG06, Mor22]. Dooren [ADHM19]. Double [BFFM03, BB18, HHLW13, JKM11]. Double-Curl [HHLW13]. Doubling [CCG+09, GIM08, GL10, LwCKL13, LX06, MP12, gWcWL12]. Doubly [Fie95, GITT96, Tis03, YBZC16]. Downdating [BPE94, CF98, EP94, EGK91, GE95c, LLZ09, LZ05a, PE95, Sun95a]. Downsizing [MVT10]. Downweighted [AHN21]. DQDS [AMMS08, NAY12]. Drazin [CCS05, CRRVC08, HLLW05, Wei96, WLB05, XSW10]. Drift [Mas16]. Dropping
E-optimal [NW02]. Early [BBM02b, KK07, Kre08, NAY12, SCMV21].
Easily [LQ16], Eckart [VNVM14, Kol03, Lin11]. Economic [BMV18].
Edge [AB16b]. Effect [CH93b, CYA+18, IW14, Kre08, Yse22].
Effective [BM99, BW99, COV17, Fit19, LRN06, Mar91, Tan99, XX17].
effects [SvdVM00]. Efficient [AA94, Ano11, AHS00, AB19a, AD98, AL95, BDY99, BS05, BL12, BL13, BLM22, BR19, Bar93a, BF00, BFS21, BMS06, Bet09, BT10b, BB98, BH13, BD90, BGT05b, BEGG07, BBGF01, Bol90, Bor10, BKM14, BKM15, BEM05, BGM92, BW93, CZBL19, Cha00, CPZ11, CLK04, CG06, CKP11, DBW15, DW06, DG91c, DL10, DLM04, DW15, DD14, DYY16, DK08a, Ef13, EGG99, EW13, Emb09, FGL21, FFH19, Frr92, GH099, GI17, GT17, GA18, GKL18, GK06, GT02, GR93, Gr06, GKL97, GHT09, GL10, GZ13, HB12, HH98, HP02, HKP05, HMP19, HGL05, HLR09, Ips06, Ips09, IM16, JKM11, JM14, JJ92, Jia22, JS04, JLS01, KMMM18, KKT06, Kar10, KKM14, Kau93, Kau06, Kir92, Kn04, KL18, KW92, KLX07, LZ14, LX09, LC15a, LV16, Li98a, LNTX11, LNTX13].
Eigenvalue [LM03, LKK07, LE02, MV97, Mac95, MMMM06a, MV17, Mat98, Mee09, Mel04, MBN17, Miy14, MM94, Mor21, NOZ11, NQZ10, Ors06, PM06, Ple00, Ple06, QACT13, QCCT17, RJ21, RSS09, RW01, Saa16, Se11, SCBG05, SHY10, Sid95, SvdV96, SY98, SW94, SB11, Tis01a, TH01, Tis03, Tro90, VMM15, VGV09, Voo12, VYH11, WZ95, WE91, Wat93, WE94, WS00, FX96, Xue96, XE12, YGM90, YBZ16, ZS14, Zen16, ZZ98a, ZFW05, Zha10a, ZXL14, ZSY18, ZYSY20, ZBJ15, ZZTA02, All99, GIMT95, Ove88, San88, Tre88a, Tre89].
Eigenvalue-Based [ZYSY20]. Eigenvalues [AS93, AAB10, ACL93, AT98, Axe92, BNS13, BS96, BGH07, BS16, Cao09, CFJKS13, CHZ16, Chu95, wC03, CZ03, CGS94, CDN14, CW96, DGM00, DPP13, DH97, DK08b, Ede88, EI98, Elm97, EW13, EM15, FL02, Far16, Fer98, FG94, GN03, GM00, Guo98, H94, Har99, HDT10, HN22, HC15, Hua21, HL02, IN09, JH02, KKM14, Koe05, KPM09, KW94, Kui00, LN92, LGC08, LPS08, LY91, Mat06, MR97, MS10, MV21, Mel99, Mel04, MYK14, MBN17, Miy14, MBO97, Nab00, Naj98, NQB14].
[Ano11, CH93a, CRS01, EDK16, HC89b, JOvdD04, LNTX13, PU14]. Error
[Ar00, AB01, AMR+18, Bar93a, Bar93b, BEBT07, Bor10, BCW12, CP03a, CH93b, CL09, CYA+18, DH93, DMR09, DMM08, EGTP17, EMC17, EOS19a, EOS19c, EOS19b, FKLR13, Gow96, GTJP12, Gu95, HL08, HG18, Ha20, HH92, HH98, HL97,IZ20, JR13, JTP10, KA10, KMN11, LW02a, LC15a, LJV16, LEMCD19, LMC22, LPT10, MM11, Mas16, MO20, PP05b, RBB90, RJ14, Ste05, Ste06, gS00a, Urs21, Van10, Var94, WY17, ZZS02, ZK17, ADD89, CM92b, Tsa94, VV89]. Error-Controlled [MM11]. Errors [AA09, BKMS14, BKMS15, CGGS99, CGSS01, DM04, MV21, Rum00, gS98a, Tis03, XW07]. Errors-in-Variables [CGGS99, CGSS01]. ESPRIT [AC18, Par94]. Essentially [SGX14].

Estimate
[BGT05a, CP03a, CH93b, GJTP12, KMN11].

Estimates
[AL95, BKK07, Bol90, DMR09, FKLR13, Gru06, GKL97, Kni04, LW02a, Lat95a, SHY10, Urs21, Var94, Zul11, KL89].

Estimating
[Bol90, Del97, Gre97, Gu00, GMO+06, JTP10, KV92, LC15b, SK20, SW07, SG21, TV09].

Estimation
[AMH09, BL21, BLL22, BEBT07, Bis90, BL90, BKK07, BK21, CS01, CGGS98, FSS21, GTP18, HL08, HT00, KLR98, LX09, Mat95b, Men08, MSM21, Par94, PP92, SB92, SES95, Tan94, UCS17, Wo293, XK94, YLA97, Pea88].

Estimators
[TT14, KP92].

Euclidean
[BJ95, Bry17, DS17, Drm90b, EOS19a, GHHW90, HN98, Lau00, Par99, Qi13].

Euclidean-Norm [EOS19a]. Euler [BL91].

Evaluating [GTJ13, Hig01, MP88].

Evaluation [WLMD19, BN88]. Even [BFS21, Mel01, Mel04, Yse22, BFS21].

Even-IRA [BFS21]. Even-Mode [LF02b].

Even-Odd [Mel01]. Events [EHW10].

Eventually [JS07].

Every [Ito96].

Evolution [Tre90].

Evolving [DL03, FH17, Saa16].

Exact [AW10, BGT14, Emb09, GK15, GGC09, HK01, HI15, LEMCD19, OSS14, RK95, ZLY02].

Exactly [LMC22].

Exactness [Sch05].

Exchanges [War98].

Exclusion [HL02, Pei05, SHJ09].

Executed [MSZ15].

Exhibit [HV19].

Existence [BB95, ED22, FMMX02, HQ16, Lat95a, ZWF05, Gad88].

Exit [GN13].

Expansion [BRR00, Ran02a, Ran02b, Vac94].

Expansion-Contraction [BRR00].

Expansions [DM05, HR93, HKG09, Jia22, SM16].

Expectation [Fulh07].

Expectation-Maximization [Fulh07].

Expected [EHW10].

Experimental [LP13].

Explained [EM00].

Explanatory [CH93b].

Explicit
[KK12, Kuz15, MX09, MBN17, Pop12, ST01, Ste91a, Wei11, Wim92, XPL18].

Exploitation [HKBM08].

Exploiting [EL92].

Exploring [FT16].

Exponent [Han03, Mor22].

Exponential
[ASA04, AMH09, AMH10, AH14, BBS15, De11, Elt92, FH19, FH20, GG14, GN16, Hig05, KL98a, KL18, LNT18, NS11, Nov11, PS08, So92, SW09, SD12, WZZH21, ZMK02].

Exponentials [SGX14, WY17, Ber88].

Exponents
[DL03].

Expressed [LP17].

Expression [XPL18].

Expressions
[CH10, TL06].

Extended
[BM19, CGRV20, DK98, MNR15, MV14, MP95a, QL99, ZF13].

Extension
[BB96, BvdMR+97, Bom00, Jia01, Kol03, MSS19, Pól11, Tre90, Zhe06, Zhe98].

Extensions
[CGL18, HN90, JMW96, Bar89].

External [SZK95].

Extrema [Nic10].

Extremal
[GH09, GL13, GKL14, HLW94, KW94, TL06, Wim88a, Zha05, HPR89].

Extremality [GWZ05, JP09].

Extreme
[BGN12, DK08b, LC15b, LT94a, Mel99, Nic10, ZSYJ18, vDHvdV00].

Extrinsic
Facial [LP96]. Factor [BHR10, CS10b, DD13a, DT11, Gem98, GGL04, Li95, NNF14, SDC + 12, SdA10, Wat92a, BK80, Zab89].

Factored [BS02a, BS02b]. Factoring [CB90, Gil13, JP94]. Factorisations [CI94]. Factorization [AP02, Ari00, AL95, BBD + 14, BF11, BFM03, Béor9, BHP03, BMMT10, CKRU08, CPS97, CH98, CSEP21, Cle00, DDY14a, DD97, DH99, DH01, DH05, DGGX15, DGSW06, DOV94, DT11, EL92, FH21, FP16, GP93, GH91, GT04, GTW00, GNP94, GSS96, GO95, GK15, GD22, GMRS00, GDX11, Gul95, Guo01b, Gup02, HY01, HJOvdD93, HHP21, HT17, IUM14, JMM14, JTZ20, JóvdD01, JóvdD04, JP93, KDG13, KP08, LH22, Le 19, LRN06, LGWX12, Liu90, LEMCD19, LN14, MV13, NS18, NP96, NR99, OV99, Ogi10, PK93, PK94, PN18, PM06, PW14b, PL97, QXX14, RR94, RODS15, SYJ00, SV97, SV05, VP93, WLMD19, Woz93, WT11, XCC14, XG10, XX17, XQ08, Zha01, ZFW07, BBDS95, CH88, DY90, Liu88, Naz89].

Factorizations [ADGH18, ANT09, Bez12, BCMM95, CS10a, CMPX03, CK12, DK00, DN11, DM05, EMC17, rF006, Fos03, JMPR19, KK21, LC05, LMC22, MMT05, MW01, Nap13, Ogi10, RJ14, STvDD17, SMBJS13, SB02, Ste93a, WL12, CFS9, JóvdD89, Wr97].

Factorized [KY93, MNR18]. Factors [GL93, dMGF14, LS03, Li05, LB96, PR01, SST06, Woz93, ZS02, ZZ04, HH89]. Fail [Emb09, Fos94]. Failures [EM00]. Falk [SH91a]. Families [GWZ05, GZ09, Mai99].

Family [Gdll08, Ian09, KMS01, KMS03, Mac98]. Fan [FHLs13, LM08b]. Far [Rum15].

Farenick [Ikr97]. Fast [AP94, AMVW15, AMR + 18, BB08, BDSC11, BIS12, BES15, BBD + 16, BOCL97, BBTK08, BL94, BEG + 09, BEGG07, BIP08, BK95, CS98, CG03b, CDG + 05, CGP06, CDG + 07, CRY + 21, Di 09, DV08c, DV08d, GR17a, GS03, Gu98b, GMO + 06, GO11, GGO13, HB12, HP09, HR00, HR04, HG14, HLQ09, HHLW13, JNP21, JMPR19, KS17, KL18, LX09, Law13, LHC16, LW20b, Lu94, Lu95, Mar11b, MLV00, MTV10, Mit21, Miy14, Möll11, Mor22, NRT92a, NP02, OST09, PK93, PK94, PK94, PPLG20, Re91, Rod06, STvDD17, SCBC21, SB03, Ten97, UCS17, VS14, VP93, XCC14, XCCB15, XK94, XE12, YXC + 17, ZFW07, ZLN10, ZZ98b]. Faster [AB13, ACW17, BJMS17, Nec19, Not05].


FEM [GSCS15, KA10]. Fenchel [Zha10b]. Few [EW13, GVK20, LC15b, STT17]. Fewer [INRZ21]. Fiber [Kan06, SD19]. Fiedler [AB18, BdtD11, DDM10, NP16]. Fiedler-comrade [NP16]. Field [BLL22, LWWY14, LM18, RW01, YGM09]. Fields [Fay95, LO20]. Fike [wC03]. Fill [BFM03, HP09, ZFW07]. Fill-In [BFM03]. Filter [CMPX03, GRT07, GW00, HM04a, KMN11, SCS12, DB88]. Filtered [BKS08, Saa06]. Filtering [ET10, MBM08, dKV10, KCT90]. Filters [Sor92]. Finding [BBTT06, BBTK08, Bor14, CG15a, DYY16, FGL21, Fe94, GPS90, GZ09, LNP93, LGL16, NQZ10, OW96, Pi94, SD12]. Finer [ZZTA02]. Finite [ACST09, BF11, BLW15, Beb06, BHKR11, BvdMR + 97, CP03b, CD15, CT93, DHST05, GIKT95, HK95, LF02a, PP11, RW94, Rog05, RP10, ST08, Si93, Ten97, GS92].

[DA05, DIS15, Hem95, KN99, Lu10, SM16, SMM20, dBG08]. First-Order
[DIS15, Hem95, Lu10, dBG08]. Fischer
[Zha04]. Fisher [BV07, LH05, VJ07].

Fitting
[EGK91, SCPW12, Wat01, GBCW89]. Five
[MV88, TS99]. Five-diagonal [MV88].

Five-Point [TS99]. Fixed
[MV88, TS99]. Five-diagonal
[MV88]. Five-Point
[TS99]. Fixed
[AGQS22, BS10, DD08, DDD20, HNT99,
MA20, SSR20, YGL18, Zab91].

Fixed-Point [SSR20]. Fixed-Precision
[YGL18]. Fixed-Rank
[MA20]. Fixing
[Hel00]. Flat
[BV07, LH05, VJ07].

Flexible [AGQS22, BS10, DD08, DDD20, HNT99,
MA20, SSR20, YGL18, Zab91].

Fixing [Hel00]. Flat
[BV07, LH05, VJ07].

Fraction
[BL00]. Fractional
[BBTT06, HL11, HL13, IM13, KNW20,
ILNS17, PPLG20]. Fractional
[BBTT06, HL11, HL13, IM13, KNW20,
ILNS17, PPLG20]. Fra
damental [Bar00a, Hey95, H098, ST01].

Fundamental/Group [ST01]. Further
[Djo08, YY10, YY11, Zhe96, Zhe98]. Fuzzy
[GLP01].

G. [KO05]. GA [Le 19]. Galerkin
[BR19, CG96, EU10, PU10]. Galton
[HM20]. Game [MOC91, Tro90]. Games
[Mar91, RE13]. Gap [BD09, DI19]. Gaps
Gauss [CRY+21, FMRR13, Kau92, MNR15, PTC13, SB03]. Gaussian [AW10, AW05, BT10a, BZ98, BS90, CD05, DGL99, Fos94, FM93b, Gov91, Gov91h, GGC99, H98, Hig90a, Le 19, LF02a, SCBC21, TS90, WA07, Wan15, Xu15, YC97]. GCDs [BL00]. GCR [JRG09]. Gene [Mol92]. General [AC18, BAMC20, CSX15, CL17, Cao08, CK00, DS19, Gei91, GIKT95, GSV00, JOAKt10, Lu10, MS02, MPS01, NY95, SZ99, SWZ11, TT99, XX17, Zha04, ZXS21, CLS88, DY90]. Generalization [Ben09, EM10, Fay95, HPS15, JDS03, VW12, Zhe96, Zhe98]. Generalizations [DV92a, LM98b, Tis93]. Generalized [ASA04, AGP19, AB18, Ari13, ABF16, AG00, AABK19, AV91, Ben99, BG04, BG15, BMS06, Bet09, BB98, BD05, BD90, BMJS17, BEGM05, BdTD11, BJ16, CGLV11, CS96b, Cha00, Che98, CL09, CFG97, CG98b, CG06, CFL07, CHZ03, CLG93, CHMW20, CS96c, CHLS00, CDH12, DBW15, DHT01, DDV04, De 94b, DK05, DHST05, DW15, Doj08, DG19, DD14, EW13, Fie95, FF99, FH93, Fri05, FT07, GS94, GLS94, GOS15, HL08, He21, HH98, HMT10, HPS15, HMP19, HJP03, Hua21, IM16, Jia95, JN12, JC22, Kåg94, KC94, Kau93, KN98, KM14, KH13, KM06, LP89, Law13, LG08, LM98a, Li93, Li02, LNTX11, LNTX13, Lu95, Lu98a, Meh04, Mim00, Miy14, MN97, Mor22, ND06, Nof17, PAP00, PP05a, PP05b, Sen06, SHS03, SV00, Sun95b, SW98, gS00a, TY02, Tis01a]. Generalized [Uhl18, VGV09, WE94, Xu15, XPL+18, XNB22, XE12, ZMK02, ZHZ05, ZLN10, CJL96a, GBCW89, VV89]. Generalizing [DTGVL05]. Generate [JOvdD03]. Generated [IZ04, Tre88a]. Generating [AKP08, HHP21, Ser96, vdMS05]. Generators [Pi94]. Generic [CO12, COV14, Cho10, DD08, DD16, DDD20, DL15, Ste08, SD09, VNV14, WC14, IM95]. Geodesically [MSM21]. Geodesics [Bry17, MA20]. Geometric [AFPA07, BD93, BS10, CR16, CF00, DQ02, De 18, DL02, EEK97, EEE99, FI18, FL18, JK95b, KN90, Krâ19, Lim13, Mao05, ML89, MG20, NQB14, NXS22, ZPW18]. Geometry [BDD13, BF06, EAS98, FL19, Lin19, MA20, QCL16]. Given [Nie10]. Given [BHH+08, CPTP09a, HP09, Nae93, Pen05, Whi00, fX96, YB91, dF05, BN88, HPR89]. Givens [DV08b, GO95]. Givens-Weight [DV08b]. Global [BBT05, BBT06, BTOK08, BM01, CG03a, Drn10, FP98, Gow96, Har19, Men18, WC14, WCY15, WZL21, Yan20]. Globality [Mit21]. Globally [Auc91, LUC18]. Glued [PV09]. GMRES [AGJ14, BJM05, BGT05a, BR08, Ble21, BW97, CG15b, ES12, FLT13, GPS96, HY10, JRG09, Kn00, KS20, Lio00, LSO4, Men11, Men17, Mor95, Mor00, MH15, MR18, NRT92b, PRS06, RY05, SS19, SEM13, TM12, Tah97, YXS21]. GMRES-Equivalent [Kni00]. Goal [BvdG11]. Goal-Oriented [BvdG11]. Golberg [AG91a]. Golden [Lin07]. Golub [Ari13, HPS15, Moi92]. Good [MMMM06a]. Google [WW08, LM06a, SC05, WI09]. GP [MR18]. Grade [DDD20]. Graded [L05]. Gradient [AV91, BM00, BES98, BG06b, CTF16, Car18, CAY+18, DFT92, EG00, FAT16, GRT07, GMN16, Hal20, HS10, JX20, KL08, KN90, LW20a, LH05, MMH94, NOZ11, YBZC16, GS92]. Gradients [CG03a, GTPT14]. Gram [PRS06, Bar19, BP92, CLR21, Di 09, GGL04, GRM00, HI15, Ste05]. Graph [AEG19, AR93, AL98a, BSS13, BGH+06, BHH+08, Bor09, FT14, Fit19, FV98, FC01, GPS90, GHN18, GMS90, GM00, GW22, KA07, MP12, PV17, Van08, dF05, vdWM95]. Graph-Theoretic [vdWM95]. Graphs [BJL98, Fie00, FT16, GTJ13, KN99, Lew91, Pen98, PSL90, Pow88]. Grassman [Mac99]. Grassmann [BBBT20, CDH12, ES09, LE02,
Grassmannian [LWY19]. Greedy [ABM+17, CB00, MHG17, NR99]. Green [HK08, Nab01]. Greville [ZZLY02]. Grid [DFT92, PV17, XZ22]. Grids [AC18, BHL+93, RW94]. Gröbner [BDD14]. Growth [BZ98, DT11, Gou91, HHP21, KNX04, KMS03, KMS01, KMS03, Ran07, SST06, HH89]. Growth-Factor [DT11]. GSVD [EW20, WXZ16]. GTH [OW96, Sen98]. Guarantee [FM93a]. Guarantees [ED22, WCCL16]. guide [AdHN88]. Guyan [BB96]. Gyroscopic [JW11]. H [KZ10, Mol92]. Hadamard [BZ07, BG13, CDP94, DMS09, DMS12, FM88, GG02, HM90, MS91, Mat93b, MP98, Sen06, WZ95, Zha97, ZY93]. Hall [BS94b]. Halley [NBG10]. Hamilton [Mac95]. Hamiltonian [ABK+11, BBMX02, FGL21, GHR21, GL98, KMP01, Krc05, LW97, Meh99, MMS16, MMW18, MV20, MV21, PLM94, Tiso10b, ZHZ05, vMR01]. Hamiltonian-like [JL98]. Hamiltonian/Hamiltonian [BBMX02, Meh99]. Hand [GRT07, HPS13, HPS16, KS92, MB10]. Hankel [Bez12, CM93, FPST13, GP03, HH93, HR04, MVP05, NY19, PK94]. Hard [GG11, HO10, RK95]. Harmonic [VD21, VKDD21, Wu17]. Hartley [BF93, HR00]. Hartwig [BV07, LH05, VJ07]. Having [CMPX03, Har99]. Heisenberg [CRR93, Per88]. Helmholtz [LXSdH20, OL99, RN18]. her [GKRV90]. Hermite [ASA04, BFZ07, CJL96a, CJL96b, Kuz15, LHHR95, Per88]. Hermite-type [Kuz15]. Hermitian [LNTX13, AG88b, AKPP08, Ash91, BDY99, BGN03, Ben09, BS15, Bin90, BLAK91, BKMS14, BS16, BDF17, Cao00b, CE12, Cha89, CPS00, Chu95, DHST05, DPP13, DH97, ENV92, ESS+12, FNS08, Gro97, GHT10, GS21, HD97, HBW90a, HBW90b, Hon89, Huh90, IN09, JS04, Joh08, LT89, LM06b, LNTX11, MV97, Mat92, Mat98, Meh04, MMW17, MYK14, MT00, NY20, Nie10, Pia10, PK93, Pha01, PR88, PR91, RSS09, RP10, Ser96, SB04, SK16, Ste91b, SH93, Tis93, Tre89, Tre94, Tru06, WZ95, Wim06, Yas03, YXC+17, ZHZ98a, ZHZ05, dF05]. Hermitian-Generalized [ZHZ05]. Hessenberg [BEG+09, BBG20, BGG07, BKK18, BHH95, DV07, GL03, GR17a, Kno04, PP11, Ste06, Stu91]. Hessenberg-Triangular [BKK18]. Hessian [CRY+21, Mon11]. Heuristic [GK15, Sal88]. Heuristics [AR93, NR99]. Hidden [MN07, ML89]. Hierarchical [ADGH18, CMM22, DHM19, EZ95, GD22, Gra10, Le 06, LRSV13, QXX14, XX16, Xia12]. Hierarchically [CGP06, HG14, LH16, Mar11b, XC18]. Hierarchies [DK14]. High [AB19b, BB20, DMM03, GL18, HLW94, LXSdH20, LM18, WLD18, WZZH21, Yse22, ZG01, JP94]. High-Frequency [BB20, LXSdH20]. High-Order [GL18]. High-Performance [WZZH21, JP94]. Higher [BE03, CG03a, CGM21, DDV00b, De 08a, De 08b, DN08, DSD17, GLPS11, HR14, IAVD11, KR02, Men08, Sal16, SK20, SQ13, VGA10, VD21, VKDD21, Yse22, Zab89]. Higher-Order [CG03a, DDV00b, De 08a, De 08b, DN08, DSD17, IAVD11, KR02, SK20, VGA10, VKDD21, VD21, Zab89]. Highly [Men12]. Hilbert [Lu89a]. Hitting [PCB16]. HOID [Sai16]. Holdability [NT08]. Hölder [KPM09, Wim88a]. Holds [GKL18]. Hollow [CFJKS13]. Hollowization [DF20]. Homogeneous [SQ13, von93]. homotopies [WBP98].
Homotopy [CHZ16, CLS88, DYY16, LKK97]. Hopf [Guo01b, MS10]. Horizon [OS09].
Hottopixx [Gil13]. Householder [BKK18, CB90, Dub00, GBCW89, RS88].
Householder-Based [BKK18]. HSS [CDG +07, LGWX12, XHC21]. Hungarian [HPTH19].
Hyperbolic [AH16, BHP03, CB90, DS17, GHT09, Par05, Ple06, RS88, SS98, SV05, PS88]. hypercube [CG90]. Hyperrectangles [M¨on11].
HZ [Har19]. Ice [SW91]. Ideal [Toh97, ¨Ozg91]. Idempotent [Lew91, Pat00].
Identifiability [CO12, COV14, COV17, DDL14]. Identification [FPST13, FGM91, LV10, PGRV98, SH91b, Ver96, Vog99]. Identity [Rie92, MP88]. IDR [GZ13]. If [HO10]. II [AMR *18, BL13, Bap89, BDMS12, BG19a, BBM02b, CJL96b, Car94, CM92b, De 08b, DG91c, DD13b, DV08d, EEK99, FLS20, Gut94, It096, KMS03, LLZ09, Li98b, Mur93, PL18, Rumm03b, SDD15, VKDD21, YY11, ZZS04]. II/III [PL18]. III [DN08, PL18]. III/BG [T14, ES12, Fos03, Kil99, KO01, NV02, PAP00, SS19, Zen19, dSL08, DK88, FGS96, Rum91]. III/Conditioned [NV02, PAP00, Zen19, FGS96, Rum91]. III-Conditioning [SS19]. III-Possed [BG14, ES12, Kil99, KO01, Fos03, DK88]. III-Possedness [dSL08]. ILU [BW99]. ILUs [BS02b]. ILUT [SZ99]. Image [BBTK08, NNP04, RHE14, ZGP10]. Images [CR96]. Imaginary [MS10, Sch95a].
Imaging [BN06a, GMN18, HKBM08, KBHH13]. Immanant [CL99]. Immitance [BLAK91]. Immitance-Type [BLAK91].
Implementation [DW06, DDN20, Day97, GMS92, JNP21]. Implementations [B´er09, Fuh07]. Implications [LT97]. Implicit [DGSS06, FSV14, Jam92, MT15, MP91, PJM21, Sor92, SZK95]. Implicit-Factorization [DGSS06]. Implicitly [BF00, JK97, B10, LS96, Leh01, Mor00, 1219]. Improy [EL08]. Improve [Swe93]. Improved [BT10a, BV90, BM19, BG13, BMM10, DH93, For03, GTP18, GHT10, Gup02, HL13, JR13, Nab00, RJ14, SST05, SL12, Ste03]. Improvement [AL98a, LZ97, OS09, ZY93]. Improving [BBD +16, CD14, JMPR19]. Incremental [Bis90, BLP90, CT93, IO16, TT14, ZN21]. Indefinite [AGL98, BW09, BBD +14, BHP03, BvdMR *97, Cao02, CGS98, CH98, Cie00, DP05, DP07, FXG18, GMP92, GS10b, HS14, IT06, JP93, KGW00, Meh04, RT93, RS02, RODS15, SZ07, SvdVM00, Tis04, Zha01, CH92, CH93a, JP94, Liu88]. Independence [Ste10a, Wan98b]. Index [ADHM19, BCN95, CC92, IT18, Kra95, KH13, RR08]. Indexing [VS14, ZZ99]. Indices [BFZ07, DDM10, DS10, PT18]. INDNSCAL [DL15]. Induced [B10, GL05, SQ13]. Induction [SKP11]. Inductive [PS94]. Inequalities [AJRS13, Aw100, BSvdD95, Ber88, BK97, CL99, Dri06, GHR95, HLS97, Li91, LM02, Mat92, MP98, Pop15, So92, Tam99, TFL11, WZ95, YL00, ZH97, Zha99, Zha04, ZQ10, CT88, GP88]. Inequality [BSS13, BD93, DGM15, Fou18, GG02, GS10a, GLT96, HM90, LZ97, yPWjP12, Sch05, VBW98, ZY93, Sch95a]. Inertia [BS91, BS94a, CHW10, FGM91, HS90, Lo00, TU91, PR88]. Inertia-Controlling [FGM91]. Inertia-Preserving [BS91, BS94a].
Inertial [Wim06]. Inertias [CD98, Dan93]. Inexact
[AGJ14, BMS06, BF05, FHS09, GL21,
GT11, JR98, LM98a, LZ10, Not03, RSS09,
SX11, XNB22, XZ22, XE10, XE12, vdES04].
Infinite
[GLP01, GP04, JMM14, KMS01, KMS03,
Maeh98, SA22, Wat00, vdMS05].
Infinite-Horizon [OS09]. Infinity
[BET02, FH21]. Infinity-Norm
[FH21]. Inflation
[Stu88, Stu89]. Information
[BR05, DIS15, CT88]. Inherited
[JOvdD89]. Inner
[AV91, CGLV11, DS18, HN09, IZ20,
JR13, MH13b, MH15, Rod05, SX11,
Wan98b, ZHY16, CF89]. Inner-iteration
[CF89]. Input
[AD98, BMU94, LSM22, MX98,
Mim15, HJ89, Meh88]. Input-output
[HJ89]. Input/Bounded
[Cor93]. Inputs
[AB19a, BOS16]. Insights
[RS21, RST18]. Instability
[HW98, HO98, Men18, PL93]. Instances
[Lau00]. Integer
[CG10, Lin11]. Integral
[Che01a, HK08, LY91, Vav92, XYC+17]. Integration
[DL02, LXSdH20]. Integrators
[GG14, Nov11]. Interaction
[GBCW89]. Interactions
[RST18]. Interface
[CM92a, GL99]. Interior
[CH93c, FS01, LV10, LP13, Mes08, Wri95,
FG96, Wri97]. Interior-Point
[LV10, Wri95, Wri97]. Interlacing
[BO96, HP92a, HS95b, Tam99, dF05]. Interleaved
[LNR06]. Interpolants
[BL00, Law13, LC15a]. Interpolation
[AT07, AABK19, BB12, DS18, DSZ14, FG15,
GVV04, JSG15, MV97, Mit21, VZ06, MH95].
Interpolation-Based
[BB12, Mit21]. Interpolative
[XC20]. Interpolatory
[Sai16]. Interpretation
[FV98]. Intersection
[BW95]. Interval
[AM95, AM09, AM05, FM93b, Gar90, Gar99, GP04,
HDT10, JR99, LF02a, Neu00, Pop15, RR98,
Roh93, Roh94, RK95, RR96, Roh03, Zha05].
Intervals
[HS90, Pei05, SHJ09]. Introduction
[MG92, NP99]. Invariance
[DDL14, Lew96]. Invariant
[ASVM04, AKPP08, BD98a, BER04, BKS08,
BT10b, BHM97, BK06, DS20a, DHW92,
DLT15, DLMT13, FMX02, GS03, GP16,
HM90, KK14, Kre05, Miy14, PLM94,
QZL05, RR08, Rod05, SS19, Sai19, VFO0,
VJ07, WLB05, Zab89, Zha99, dSV01, LT89].
Invariants
[AJRS13]. Inverse
[AH16, AHS00, Bai05, Beb06, BMS06,
BS02a, BW93, CCS05, CCRVC08, Che01a,
CLNW20, CG98a, CLKO4, CC17, CHMW20,
DBW15, DMS09, DMS12, DMS13, DLM04,
EW13, FI18, FF99, FSZ14, FMFJ18, Fr92,
FHS*94, GG02, GN13, GIT96, Gov91b,
GT11, Gre05, GL03, GH06, HLW05, JS07,
KM16, Kau92, KK12, KNW20, KOSvdD07,
Kir95, KNS97, KN98, Kni04, KN91, KLX07,
Lan07, LZ14, LG16, LM03, Lu10, MMS94,
MSZ03, MH13a, MS10, Men92, NV94,
Nab99, Ogi10, Ors06, PDE16, Pat00, RSS09,
RW01, ST01, SW98, Tan99, TW00, Uhl18,
Vec03, wVjBqJ11, Wan98b, Wei96, WLB05,
FX96, XSW10, YBZC16, ZWF05, vD99,
FM88, KY93]. Inverses
[BMF05, BM02, BS02b, CLG93, Djo08,
DG19, ES08, Elt92, HH93, HR00, JC22,
KM96, MNST96, SHS03, LP90]. Inversion
[AK20, AK21, AHH01, BLNT13, BC10,
CM93, GR17b, HH94, PK93, PK04, PW03,
RS92, Ste91a, XXC15, ZZ98b, CJL96a,
DV06a]. Invert
[FS10, HL06]. Invertible
[WCW10]. Inverting
[FP16]. Involutory
[IZ04]. Invoking
[Ain17, AG91a, FF94, SD12, ZZ98b, Zha95].
ion
[BBM21]. IRA
[BFS21]. Irreducible
[Art96, FGJ00, FG94, GR93, Kir95, LGL16].
Irregular
[GLS12, RW94]. Isometric
[FNV08, HKV05]. Isometries
[BvdMR+97]. Isometry
[BT10a]. Isotropic
[Kre05, MS18]. Isotypic
[MOR04]. Issue
[DCM08, Ips06, Ips09]. Issues
[Ari00, Mei04, Més08, SV97]. Iteration
[AGQS22, BLL22, Ben09, BMS06, BX08, Dan91, ESR01, EW13, Emb09, KZ10, KO14, LS96, Leh01, LWWY14, LGL16, Lu05, MOR04, MOR16, MS10, MP11, MH13b, MH15, NBG10, Not03, Nou96, RSS09, RS08, Saa16, Sai19, SvdV96, SY98, SX11, TP14, XE10, YGM09, YLA97, ZHY16, de 92, AdHN88, BF89, Lag91, San88]. \textbf{Iterations} [ASVM04, AV91, BKS08, Bor09, BPS05, CKL21, CNP94, GVK20, Gaw19, HMMT05, HN09, Ian09, IKG10, NS07, NRT92a, NH12, NOZ11, STT17, ZZS04]. \textbf{Iterative} [AH07, ADR92, AG00, BN06a, BB18, BN06b, BGSC07, BV01, CGRV20, CR96, Cao00a, Cao08, CE02, CPTP09b, CG96, DHT01, DGSW06, ET10, EOS19c, EOS19b, EL91, FS10, FNS08, GLS12, GL17, GR15, GV09, GRK17, GL00b, Go01a, Go07b, HNR22, HHRV99, HL12, Han94, H092, HV05, HZ01, Jam92, VK19, K010, LHR05, LWX06, L02, MNR18, MG02, MS02, MR97, MO20, NP02, NY95, Not19, OL99, PAP00, Pan91, PJM21, RW92, SWZ11, Tis01a, Wei90, Woz93, XE10, dKV10, AdHN88, BY88]. \textbf{Iteratively} [O’L90].

\textbf{J} [Ano11, CH93a, GI97, HCS9b, BB08, Zha95, Ikr97]. \textbf{Jacobi} [CS96a, DV92b, Drm96, DV08c, DV08d, Drm10, DK08b, Hac93, Har07, HMP98, HP09, HKP05, HN09, IAV13, KHH04, Kni04, LUC18, LR05, Mac95, MV08, Mas94, Ma95, Mat95a, Meh04, Meh08, Not05, Nou96, OYBV19, SS89, SvdV96, Sta02, SX11, FX96]. \textbf{Jacobi-like} [Meh04]. \textbf{Jacobi-Type} [LUC18, MV08]. \textbf{Jacobians} [HK909]. \textbf{Join} [BV18]. \textbf{Joint} [Asf08, BN05, BNO1, BAMC20, CSX15, CL17, DF20, Jol08, JCG14, LP00, Pha01, PJB10, WA07]. \textbf{Jordan} [WW08, BFZ07, MMT08, MV17, MBO97, MD03, SC05, Ste13, Wei11]. \textbf{Kaczmarz} [MNR15, Nec19, Ste21, ZF13].

\textbf{Kahan} [Zhe98, Ari13, HPS15, Zhe96]. \textbf{Kähler} [JV16]. \textbf{Kalman} [KN11]. \textbf{Karcher} [Zha17]. \textbf{Karlson} [GJTP12]. \textbf{Karmarkar} [MT89]. \textbf{Kaufman} [DT11, JP93]. \textbf{Kawasaki} [FP17]. \textbf{Kemeny} [BK19]. \textbf{Kernel} [AC20, ACW17, BWQ06, BU21, MVT10, PP05a, SCBC21, SB09, WLM19, XC20]. \textbf{Kernels} [LWL18]. \textbf{Kinematic} [GKK99]. \textbf{Kinematics} [DS17]. \textbf{KKT} [FJ97, IKSG10]. \textbf{Kleinman} [FHS09]. \textbf{Knopp} [Kn08]. \textbf{Known} [AD02, CHMW20]. \textbf{Kohn} [LWWY14]. \textbf{Kolmogorov} [FMSS21]. \textbf{Kreiss} [Mit20, Mit21, TT99]. \textbf{Kronecker} [BT13, HCS9b, Zha95, Bar98, Ben01, BS15, BT12, DD07, DD08, EK96, FF94, FGP00, GP98, GMN18, Gre05, H017, HCS9a, IT11, KN00, MV07a, NNP04, RHE14, SB03, de 90]. \textbf{Krupnik} [Ikr97]. \textbf{Krylov} [Ste02, BER04, BG15, BR05, BF05, C1FT6, DMR09, DKMI18, DK98, DSZ14, ESS+12, EN08, Eru00, FGS14a, FLS20, GGLN13, GMN20, GL21, G14, G1R14, GT11, GPTV16, GMN16, GS00b, Gut14, GS21, HS09a, JK97, KO15, KJH16, KT01b, K11, LM98a, LY03, MJS11, MH13b, NZ16, RS02, Saa97, SS13, Sd95, Sim00, Sim16, SvdV00, SSR20, Ste01, VMM15, WY17, ZH17, vdES04]. \textbf{Krylov-Based} [MJ11]. \textbf{Krylov-Subspace} [C1FT6]. \textbf{Kublanovskaya} [GKR190]. \textbf{Ky} [FHLS13, LM98b].

\textbf{Lagrange} [AT07, Law13, LC15a, Nie10]. \textbf{Lagrangian} [AW00, FMX02, GSCS15, LG97, MP12, RR08]. \textbf{Lambert} [FHI15]. \textbf{Lanczos} [BDY99, BMS08, BF00, BES98, BBGL92, CD15, CZ02, Day97, FKLR13, FLSS17, GVK20, GS92, GLS94, Gut92, Gut94, GR00, HL06, Huh02, Jia95, J1N3, J092, KW92, KW94, Kii00, MOR04, MB10, Pai10, PP11, Pai19, SdL18, US17, URS21, WS02, Wi15, XK94, ZSYJ18, vdHV00]. \textbf{Lanczos-Type} [GR00]. \textbf{Landscape}
[CLL20]. Langemeyer [SH91a]. Langville [IK06]. Laplace [KK12, RN18]. Laplacian [BSS13, Gre92, GHN18, GMS90, GM00, HO15, KNS97, KA07, LY91, PV17, STvDD17, TS99]. Laplacians [CL99]. Large [ABM+17, BMfY03, BSFM10, BYDW18, BKS08, BHM00, BGKS99, BrD07, DK99, DK01, ES92, EW13, FI18, FF94, FM93a, GH07a, GAB08, GHL03, HXY11, HH89, HHP21, HP92b, IO16, Jia95, KMMM18, LC15b, LC16, LS06, LWKL13, LK97, MS10, Men18, MX19, NY95, OS09, PR12, Reu02, SS13, Sim16, SK16, SY98, SCA12, Ste01, Ste02, WZ17, WS00, WZZH21, XCG10, Zha95, ZSYJ18, ZS07, HC89a, HC89b]. Large-Scale [ABM+17, BYDW18, ES92, EW13, FM93a, GAB08, HXY11, KMMM18, LC15b, LWKL13, MS10, Men18, OS09, PR12, Sim16, SK16, WZ17, ZSYJ18, HC89a, HC89b]. Largest [Ano11, CPZ11, DSD17, GR93, JN91, KW92, NQZ10, OW92]. Latent [Elt92, VS14, ZZ99]. Latouche [Guo02]. Lattice [LK95]. Lattices [PAH17]. Laurent [HM04a, Tre88b]. Law [BZ07, CG03a, Djo08, BHKL11]. Layer [MMN22]. Layered [BKKL91, KT10a]. LCM [Wan98a]. LCP [Mor94]. LDL [XXC14]. LDU [DDY14a]. Leading [EG15, GS10b, JV04]. Learning [PSS19, Yan98]. Least [ABG07, Arn92, AN09, BG11, Bar98, BBT05, BBT06, BBT08, BE10, BST16, Ben99, BN06b, BPE94, BES98, BHM00, Bjö14, BV01, BHP03, BX05, BV95, CGCDM13, CNP94, CGS98, CPTP99b, CGP09, CG10, CH93b, CL20, CJ21, Chn91, CG98s, CSEP21, CK91, CHMW20, CCG92, CH99, DN08, DHZ03, EL97, EP94, EOS19c, EOS19b, FF94, FB94, For96, FS01, GS10a, GHO99, GJTP12, GPT13, Grc10, Gu98a, Gu98b, GW92, Gu95, HG18, HY110, HXY11, HPS+11, HG14, HM97, HV97, IW14, INRZ21, Jan92, KS92, KLR98, KP08, KT10a, LY03, LS06, LW20a, LJW22, LPT10, Mal04, Mal03, MVP05, Mar11a, MLV00, MH13b, MH15, PRS06, PO03, Re91, RG05, Rod06, RP96, RP98, Rum12, Shn95, SC03, STT17, TETA05, Usc12, VZ91, Van92, WC14, WCY15, Wei92, WD00, XXCB14]. Least [Yan20, ZH03, ZHY16, ZMW17, ZZLY02, ZF13, OL90, Qia88, VV88, VV89, Zha95]. Least-Index [CC92]. Least-Norm [EOS19b]. Least-Squares [ANT09, BG11, BX05, CS98, CK91, EL97, EOS19c, For96, FS01, HG18, HM97, LS06, Mal04, Rod06]. Lee [BKr97]. Left [AD21]. Left-Looking [LEMCD19]. Legendre [Zha10b]. Lemma [LS19]. Lemmas [De 08a]. Length [AKP08, JN93]. lengths [Gri88]. Leslie [Kir92, KN94]. Less [HM04b, OP05]. Letters [JH02]. Level [Bor09, BBM02a, DQ02, DK13, EDK16, HR14, Not16, TM17, WT11, LS16, Sou19]. Level- [HR14]. Level-Geometric [DQ02]. Leverage [HI15, Hoo17, SG21]. Leverrier [Bar89]. Levinson [CH93a, BLAK91, CH92, FLM10, Mel01]. Liapunov [KB93]. Lidskii [Lew99, MBO97]. Lie [BW93, KH04, MMT08, Tam99]. Lifted [JCG14]. Like [AG92, CT99, FLM10, GL00a, KRS19, ILNS17, MSZ03, May12, Rod06, RODS15, ZZ04, ZZ98b, FLM12, GMM95, Hig90b, JL98, Kil99, Lu96, Meh04, Re91, SK95, vVJs91, Xu05]. Likelihood [BE10, YLA97]. Limit [BU21, Ste13]. Limitations [ABM21]. Limited [EM15, GS21, Sal88]. Limited-Memory [EM15, GS21]. Limiting [BK15, DD10, DK08a]. Line [HHRY99, HK01, RCHO8]. Linear [AGP19, ADC04, ABG07, Art96, AGL98, AN09, BAI99, BGN03, BL12, BL13, BDIH11, BFZ07, BSFM10, BCBT07, BF06, BGT14, BES08, BLE11, BM06, Bor03, BT92, BAC20, BF05, BCW12,
CT91, CP03a, Cao08, Cap98, CP03b, CE02, CI95b, CS98, CGS98, CG03b, CG5+08, CPTP09b, CH93c, CFL17, CRR93, CGH11, CC92, CHL90, CG96, DGM90, DK05, DTGVL05, DD12, Din98, DS16, DS95, DLM13, ENV92, EHvP04, EGTP17, ES12, ES92, EG00, EOS19c, EL91, FXG18, FM93a, For96, FS01, FHLS13, FL99, FNS08, FKLR13, Gar90, GL03, GHR21, Gil13, GLT96, GKK99, GRT07, Gow90, GS94, GS02, GR15, GMMN21, GT11, GTJ12, Grc10, GCL16, GV09, Gu98a, Gu98b, Gu98c, GAB08, GHL03, GHR95, GW92, Gu95, HNRS22, HLT12, HL08, Han94, HR05, HH92, HPS13, HG21, HLT91, HLM94, HJ89, Jou92, Kan96, Kar11a, KGW00, KLR98, KC09, K508, KJH16, KT10b, KT11, KLV04, LW02a, LWXZ06, ILNS17, LNT18, LJW22, Loe90, LEMCD19, LMC22, Lu94, Lu95, LT94b, MNR18, Mal03, MP95a, MG92, MV21, Men12, Min15, MN97, MO20, Mor21, MPS98, MPS00, NV94, NRT92b, Na98, Neu00, NY95, Not19, OST08, PS05, PYHK93, PP05b, PJM21, PFRR17, PR88, Pop12, Pop15, QL99, RT93, RT20, RK95, Roh03, Run12, STvDD17, Sc05, SS91, SWZ11, SA22, SvdV96, SvdVM00, ST14, Ste10a, SJ92, Tig91, TV09, TET05, VB98, Ven93, Wei95, WBP89, Wim88a, Wim88b, XCG10, XXG12, ZvSD20, Zen19, ZHZ05, ZXL14, ZXS21, vdES04, All89, ADD89.

linear [Ash91, BDV89, Cri88, MT89, Pan91, Qia88, WBP89, Wim88a].

Linear-algebraic [CR99].

Linear-Time [Bom00, DD12].

Linearization [HLT08, HMT09, LC15a, LV16, MBN17, SB11].

Linearizations [AB16a, ADMZ18, BdTD11, BDF17, DDM10, HMT06, HMT07, LP17, MMM06a, MMM06b, NNT17, RVV17].

Linearized [HKBM08].

Linearly [CH97, GR17b, GMBS12, SD10, SL12].

Lines [LF02b].

Link [De 06].

Liouville [Mal06].

Lipschitz [BLO07].

Lipschitzian [MNT99].

List [Ano97].

LNLQ [EOS19b].

Loadings [GMBS12, SDA10, SL12].

Local [ALN07, Art03, CYA+18, FGM91, FP16, GS03, He21, Usc12, WZL21, Gad88, Sun89].

Locality [To097].

Localization [BF89, BH13, BM21, CE12, CKP11, Peii01].

Localy [SS19].

Locally [AG19, Cap00].

Locating [BP21, BNS13].

Location [GKV20, Lin03].

Log [GIM15].

Log-Det [GIM15].

Logarithm [CR16, CHKL01, DP00, FH18, Hig01, KL98a, Zim17].

Logarithmic [BE03, HGC99, HGC00, IM13, Koh99, NRF14].

Logarithms [DMP96].

Look [AD98, GR00, SK95, CH92, CH93a].

Look-Ahead [GR00, SK95, CH92, CH93a].

Looking [LEMCD19].

Loop [Bé09, Guo98, CL20].

Loop-Based [Bé09].

Lorentz [AYLR04, ZSY18].

Low [BP92].

Lossless [RD95].

Low-Nonnegative-Rank [DWWY20].

Low-Order [KB90].

Low-Rank [ADGH18, AG88b, ABM21, ASw16, BL21, BR19, BYDW18, BKS18, BDG20, CCB+20, CWY20, COV14, CP03c, CDLP05, CK20, CKM22, Dax08, DD07, DD16, DI19, DWYW20, DL17b, ES18, ED22, FMSS21, Fou18, GNM20, GG11, GQ14, GC19, GL13, HM20, IAVD11, IAV13, IUM14, JMRP19, JKL11, KK12, KB90, Kol03, KO15, KK17, KT11, LC16, LW02b, LS17, Lie08, MU13, MK20, MD03, NS11, Nie17, OSS14, PTC13, SCPW12, SS10, SC10, SDN21, Ste08, Ste13, STT17, Tas15a, TYUC17, VV10, VYH11, WCY15, WCL16, XLS16, Yan20, YXY20, YGL18, ZZ99, ZZS02, ZZS04, ZXS21, dSL08, dTDM08, vdV96].

Low-Nonnegative-Rank [DWYW20].

Low-Order [KB90].

Low-Rank [ADGH18, ABM21, ASw16, BL21, BYDW18, BKS18, CCB+20, COV14, CDLP05, CK20, CKM22, Dax08, DD16, DI19, DL17b, ES18, ED22, Fou18, GNM20, GG11, GQ14, GC19, GL13, HM20, IUM14, JMRP19, KK12, KL07, Kol03, KO15, KT11, LC16, LS17,
MU13, NS11, OSS14, SCPW12, SC10, Ste08, Ste13, STT17, TYUC17, VV10, XLS16, Yan20, XYX20, YGL18, ZS802, ZZS04, ZXS21, dSL08, vdV96, FMS21, MK20.


[AGQS22, Bar93b, Bar00a, BF11, BHKR11, Bor09, BPS05, Buco00, BrD07, CCZ97, DS97, DA05, DLLT22, DR93, DWYW20, ES08, EHW10, Ger92, Hey95, HO98, IM94, Kir02, LPS9, LM06a, LFH13, LX12, Liu12, Mas16, Mey94, O’C02, OW96, ST01, TVW15, XG98, Zha93b]. Markov-Modulated [CCZ97]. Markovian [MP11]. Markowitz [ALN07, ALP07, DDN20]. Masks [JZ99]. Mass [AK20, BB96]. Matching [KO14]. Matchings [HS13]. MATLAB [GMS92].

Matrices

[ABL94, ADGH18, AB05, ABK+11, AH07, AG91a, ADMZ18, AC20, ADHM19, AG88b, AG92, AD02, Arg15, AM05, AFPA07, Art96, AL98b, ABM21, AKP08, AYLRO4, AB13, Axe92, BBS15, BDE+20, BT10a, BMfY03, BA05, BNW09, BIS12, BW95, BRR00, BO96, BOCL97, BV92, BZ98, BU21, BDGY20, BYDW18, Bao00, BBT05, BR08, BT17, BMV18, BOS13, BT06, BS15, BMF05, BP21, BS91, BS94a, BBD11, BG15, BDG20, BB98, BO80, BE03, Bin90, BD90, BEGG07, BL90, BS96, BLAK91, BN10, BCR11, BKK07, BD08b, BD10, Bum00, BS10, BHH+08, Bor09, BJMS17, BW99, BGKS99, BET02, BV07, BCN95, BS94b, BD15, BMP20, BGH95, BBM21, BMV20, BCGG10, CM93, CCS05, CRKU08, CS01, Cao02, Cao09, CT99, Cap00, CE12, CCJ+00, CGRVC08, Cav94, CQ99]. Matrices

[CDG+07, CPTP09a, CFJKS13, Che98, CD05, CC09, CG15b, Chu91, CE94, CFG98, CK91, CS10b, CC17, CM03, CGS94, CRS99, CR01, CLG93, CKM22, CC92, CHLS00, CW96, CKP11, CP20, CB90, DDY14a, DDY14b, Dan93, DS97, De 08a, DL02, DP10, DP15, DMS09, DMS12, DMS13, DG91b, DG91c, DV07, DV08a, DV08b, DD10, Dem99, DHST05, Di 09, DD12, DMP96, DE99, DPP13, DZ01, DK06, DGIM15, DY10, DK99, DK08a, DK08b, DL7b, EEE97, EEK99, EL05, EL08, ES08, ES8+12, EN08, EU10, EM15, FLT10, FGJ00, FHZ06, FLV04, rFO06, FKKL96, FI18, FH21, Fer98, FP20, Fie95, Fie00, FF99, Fio11, FSZ14, For96, FHS13, FNV08, FMFJ18, FC01, Fri92, FHS94, FG94, Fri02, FT16, FGS14a, FL520, FIS01, FJ06, GLS12, GP98]. Matrices

[GSCS15, GP06, GT04, GLPS11, GR17a, GHNV03, GITT96, GI00, GIK00, GGJ18, GW07, GMS92, Gil13, GKL18, GD22, GS06, GKKX94, GN03, GT08, GS10b, GK06, GCL16, GPTPV16, GR93, Gro97, GP03,
GLV10, GWZ05, GZ09, GZ15, GP16, GW00, 
Guo01b, Gup02, GR97, GS21, GLP01, GP04, 
Hac93, HNT99, HB94, Har05, Har93, Har98, 
HR93, HH93, HR04, HLW94, HKG09, 
HMT93, HS90, Her96, HHSW97, Hig92, 
HHP21, HBW90a, HBW90b, HDT10, 
HPS15, HG14, HL91, HLT91, HLM94, 
HLS97, HHH12, HC15, Huc92, Hur94, 
Huh01, Huh02, IM13, IN09, IW14, IT06, 
IZ04, IIM94, JR99, JV16, Jia98, JN93, JTF98, 
JOGvD03, JS04, JS07, Joh08, JP93, JLG98, 
JSG15, KKA01, KL91, KUN13, KU13, KBBHI3, 
KSH02, Kir92, KN97, Kit95, KS03].

Matrices

[Koe05, Koe07, KN91, Kre05, 
KS17, KK93b, KK93a, KRS19, LL ˇS09, LˇS10, 
Lat95b, LP96, Le06, LC15b, LC16, Lew91, 
LGPS90, LO20, Li91, LT94a, Li02, LM02, 
LF02b, LW05, Li05, LPS08, LGWX12, LS04, 
LT09, LW97, LOvdD02, LC05, Lin11, Lin19, 
LZ97, LZ05b, LW94, Lu98b, MMT08, 
MM11, Mae98, Ma99, MS02, MMS94, 
MS03, MA20, MSZ20, MNT10, MV13, 
Mat09, Mat92, Mat97b, MOvdDW89, MP21, 
MNST96, Mel99, Meu92, MZ19, MPS01, 
MT00, Ms05, MN97, MP98, Mön11, 
MBO97, Mor22, Mur91, Mur93, Mur98, 
MP95b, MNT99, Nab99, Nab00, Nab01, 
Nae93, NS96, ND06, NP99, Non96, OY99, 
OR93, Ors06, OST90, Ose10, OW95, PK03, 
PK94, Pan16, PDF16, PL94, Pat00, PM06, 
Pei05, Pei07, Pei01, Pei05, Per91, PW14b, 
Pes14, PW15, Pes19, PT05, Pha01].

Matrices

[PR91, PW90, PJB10, Pro13, PL14, Pul13, 
RN18, RKN20, RAO95, RDR95, Rei91, Rei02, 
RR98, Rie92, RS92, RW95, Rod05, Roh93, 
Roh94, RS94, RODS15, RST18, Sz99, 
Saa16, SST06, SCPW12, SK95, Sen98, Ser98, 
SHS03, SGX14, SHJ09, SHY10, SWYM96, 
ST08, SB05, SEM13, SAGS21, SDN21, 
SM16, SMM20, Spe98, SCA12, Ste91a, SV97, 
Ste16b, Stu91, SB01, SB95, Swe93, TY02, 
Tig91, Tre94, Tre05, Tru06, Tü02, 
VFGM05, VV15, VH16, VP93, VT98, VJ07, 
Wal03, WZ95, Wan98a, WA07, WD94, 
Wil08, Win06, WT11, XL016, XG10, XX17, 
XG20, XHC21, XSW10, YL00, YL08, Yas03, 
Ye09, YXC17, Yse22, ZZ99, Zha00, Zha05, 
ZY93, Zha01, ZZ01, Zha04, ZFW97, Zha17, 
Zhi12, ZZ98b, Zie95, ZZTA02, dF05, dSV01, 
vDHvdV00, vD99, vDSM05, All89, Auc89].

matrices

[BY88, BH96, CJL96a, CF99, 
Che92, DGIM06, DS95, Ede88, FF93, GP88, 
Hav89, HM89, HPR89, HRS88, HS88, Hon89, 
HC89a, HC89b, Ikr97, IM95, JN89, JP94, 
KN99, KN94, MP88, ML89, Per88, PR88, 
PSL90, RR96, Run91, Stu88, Stu89, Tre88a, 
Tre98, Win88a].

Matricity

[GG13, BG19a].

Matrix

[AS93, ALAK94, AA09, AF08, AAB10, 
AMH90, AMH10, AMHL22, AB16a, AB18, 
AMPV97, AK20, AK21, AG91b, AW10, 
AEGL19, ACL93, AT98, An011, AW00, 
AH14, AH16, AKPP08, ABF16, ANT19, 
AG00, Art03, AMR+18, AABK19, AH01, 
AW05, BL21, BD98a, BB95, BBD+16, BR19, 
Bar00a, Bar94, Bld97, BL94, BLO0, 
BKS18, BF99, BT12, BT13, BV00, Be12, 
BB96, BD93, BM94, BF93, BM96, BNS13, 
BMM20, BMSV92, BL91, BM06, BKS14, 
BKMS15, BS16, BB20, BHR10, Bor14, 
Bo97, BW99, BL10, BF05, BG13, BX05, 
BD95, BZ00, BC29, BdTD11, BDF17, 
BGN12, BHM97, CSX15, CGHR07, Cao00b, 
CR16, Car94, CG03a, CH03a, CS10a, CT93, 
CMPX03, CRY+21, CHK01, CD00, 
CCG+09, Chu95, wC03, CH06, CW10, 
CSEP21, Clf21, Cla10, CD98, CG110].

Matrix

[CR10, DB20, DH03, Daz08, De06, De99, 
DD08, DD16, De18, DDD20, Dem92, 
DRS07, Dhi98, DT08, Di00, DP00, 
DMR09, DK14, DK15, DS10, DS19, DS20b, 
DG19, DHM19, DD13a, DJ09, DMM08, 
DI19, DH97, Drm00a, DK98, DL15, DK01, 
EEK07, EEK09, EEG11, EI98, ESR01, 
EK96, Elt92, EK17, FL02, FZ16, Far16, 
FH15, FH18, FH19, Fay95, FPST13, FH17, 
FL19, Fer97, FFH+19, For03, FV98, FP16,
FT07, FH10, FKLR13, FGS14b, FLSS17, FH20, FSS21, GPM03, GH91, GL18, Gaw19, Gei91, GL03, GIKT95, GI97, GL99, GT17, GiI94, GG11, GK15, GTJ13, GH99, GSV00, GMRS00, Gov91b, GR17b, GTI11, Gro98, GdlI08, GKL95, GO11, GKL14, GLM17, GP18, Guo98, Guo01a, GH06, GKL12, GR05, GN16, HLT12, HM04a.

Matrix [Har99, HLW05, He99, He21, HR00, HO10, Hey95, HO98, Hig92, Hig93, HK95, HT00, Hig01, HK01, Hig03, HMT04, HMT05, Hig05, HMT06, HMMT07, HMT09, HL11, HL13, HR14, HS16, HL21, HGC99, HGC00, Ho90, HS95a, HI15, Huc92, HSC04, HL02, HKB08, HC89b, Ian06, Ian09, Ikr97, Ito96, IT11, JMPR19, JS94, Jia22, Jia01, JTZ20, JMO93, JOvdD03, JKN11, JOAKt10, KKS97, Kau93, KB90, KL91, KL92, KL98a, KO18, KP08, Kir95, KN98, KNOX02, KRU14, Koh99, KN91, KPC94, KMS15, Kra95, KH13, KL18, KK21, KL98b, KLS16, LP01, LMZ03, LP05, LNV92, Lau00, LH22, Law13, LP17, LT09, LV06, Lew96, LR94, LY03, Li06, LBL05, Lie08, LT09, Lim07, LX06, LNP93, LWW15, LM18, Lu98a, Mac99, MV97, MMM06b.

Matrix [Mar11b, Mat93a, Mat95b, Mat96, Mat97a, MS15, Mei04, Mei04, MYK14, Mit20, Mor21, MGS20, NV94, NRT92a, NBG10, NNT17, NTTZ18, NS11, NP20, NS18, NK01, NS09, NST15, Nov17, Nou96, Ogi10, Ost10, OW92, PAP00, Pai09, Pak10, PP11, PW14a, Pål11, Pan93, PN18, PYHK93, Par05, PV09, Pei01, yPWjP12, Pet21, PiG94, PS08, PT18, PL14, QS06, Qi13, QCT15, QCT16, RS96, RR94, Rau02a, Rau02b, Re13, RS06, RVV17, RE98, Rum97, SCPW12, SD16, STvDD17, Sch05, Sch95b, Seb96, SC05, Sev03, SCBC21, SMBJS13, SC03, Sd95, SC10, Smi03, So92, ST01, SDC+12, SU94, Ste91b, Ste16c, Ste18, SH93, SV15, SD12, Tam98, TFL11, Tas15b, TDV15, Tho94, TL06, Tis93, TZ13, TT98, TT99, Tre90, TW03, TYUC17, Tro90].

Matrix [TU91, Tsu93, Uhl20, Uhl18, VVM05, VBW98, Vec03, Ven93, Vog99, Wan98b, gWeW12, WY17, WLB05, WS12, WCCL16, Whi90, WD95, Win92, WZZH21, XX16, Xia12, XC18, X96, XPL+18, XNB22, Xue96, YLA97, YGL18, ZMK02, Zha91, Zha95, ZH105, ZGP10, Zhe96, Zhe98, Zim17, vdV96, von93, AdHN88, BJ95, BM092, BK89, Bas89, BV88, Ber88, BHH88, BN88, CS89, CLO6a, DM86, Gad88, GL96, HD97, JMW96, JJ88, JN89, JOvdD89, JH88, KL89, LG06, Lin88, Naz89, Ove88, OW88, Stu88, Win88b, WW08, EW20, ZF14].

Matrix-Algebraic [Zim17].

Matrix-Matrix [MSZ15].

Matrix-Sequences [FFH+19].

Matrix-Stencils [He21].

Matrix-type [BL94].

Matrix-Valued [ALAK94, Cla10, Kra95, Mat93a, QCT15, QCT16].

Matrix-Vector [BF05, GTI11, HR00].

Matroids [Mor94].

Max [BSvdD95, BCGG10, B16, DD98, HT17, Hoo17, HPTH19].

Max-Plus [BF05, GTI11, HR00].

Maxima [RSS94].

Maximal [CYA+18, CP20, Lat95b].

Maximally [EG15].

Maximization [Fuh07, LWW15, Men18, VBW98, WZL21].

maximizing [All89].

Maximum [BW95, BE10, Bor03, CD14, JR08, OR93, YLA97, Ove88].

Maxwell [CHH+15].

Mean-Squared [BEBT07, D98, DV04, Dri06, Gem98, Lim13, Moa02, Pål11, PT05, PT18].

Measure [NQB14, Yse22].

Measures [BK15, BGMN15, DRSZ07].

Mechanics [CGS94].

Media [BKLK1, CTH+15].

Meet [Mac95].

Memory [ADV05, EM15, INRZ21, LHC16,
GS21, KP92]. Mendelsohn [AL98a, IM95]. Meromorphic [ALAK94]. Mesh [vdSBvdV93]. Meshes [Ten97]. Metabolic [L95]. Metamorphosis [Van11]. Method [AGJ14, Ain17, AT07, AM09, ABM+17, Ano11, BBS15, BDY99, BS05, BV90, BBTK08, BST16, BM18, BF00, BGSC07, BG705b, BIP08, BR05, BBGL92, Bos21, BMRTZ94, BHM97, CMV19, CS01, CFT16, CD15, Car18, CGLV11, CPZ11, CH93c, CD17, CESC20, CG98a, CYA+18, Dan91, DHT01, DD97, Del97, DV92b, DYY16, DSm96, DS18, ESR01, ES09, ES18, EG20, EG00, EROS19c, EOS19b, FJKM96, FAT16, FAKS14, FLSS17, GHS12, GTJ13, GG14, GH07a, GTPT114, GRK17, Guo98, GL00a, Guo01a, GH06, Hac93, Hai20, Har07, Har19, Hem95, HMT93, HS10, Hig92, Hig97, HK10, Hig02, HKP05, HN09, HGL05, HVL05, Hu92, HZ01, HMWY18, Huc94, Hul02, Ian06, IT06, JNP21, JMM14, Ji92, JN03, JN21, Jia95, Jou92, KMMM18, KL92, KP08, KM11, KM14, KO15, Kui00]. Method [LLZ09, LM98a, LY03, LZ05a, LW20a, LV10, LMPT20, LM18, LR05, Lu98b, LP13, LKK97, LE02, MV08, Mas95, MOR16, Mat09, MR97, Mee09, MB10, MO20, Mor95, Mor21, MM00, Nov11, OL99, PW15, Ple00, QL99, QS06, Q13, RCH08, RST1, RP01, RW92, SGX14, Sim16, SH01a, SdvV96, SS17, Sor92, Sta02, SCMV21, SD09, Ste10b, SX11, Tis01a, TV09, Uos21, wVJBq11, Wa95, WC14, WC15, WSO0, Wi05, XCG110, XQ05, XQ08, XNB22, XE12, YBC16, Z94, ZN21, Z92a, ZH03, Zha10a, ZSY18, ZSY20, ZH17, de 92, vDHwV00, vds05, vDV96, CS98, CLSS8, HL06, KN98, MHS8, SS89]. Methods [AL95, Bai99, BG03, BVQ06, BN06a, Bar08, BV92, Bar93a, BB18, BN06b, BBD11, BM99, BES98, BHM00, Bjö14, BV01, BM02, BDFF22, BFO5, BR07, BGBM92, BGBM93, BCW12, CR96, Cao00a, Cao08, CG92, CHZ16, CG110, CKM22, CH99, CG96, DFT92, Drm10, ENV92, EHyP04, ESS+12, EN08, Ern00, EL91, FJ97, FGM91, FM93a, FS01, FS97, FNS08, FGS14a, FLS20, Gar90, GGLN13, GMN20, GL21, GOR14, GR15, Gre97, GV99, GMN16, GS03, Gu00, GMO+06, GR00, Gut14, GS21, HNRS22, HHRV99, HJ07, HY10, He99, HXY11, HS95a, H902, HK12, INRZ21, JW18, JK95a, JK97, Jam92, Jia95, Jou92, JCG14, Kan06, KL91, KO01, KL08, KT10b, KT11, KV14, LWXZ06, Le01, LS17, Lu10, Lu20, MNR15, MNR18, MG92, MS02, Mat95a, Ms08, Mor00]. Methods [MH13b, MH15, NP02, Not19, Ors06, PW09, Ple06, PPLG20, RSH21, RS02, Saa97, SS13, SWZ11, S955, Sim00, SG21, SV15, SJ92, VMM15, WY17, We95, Wh00, Woz93, Wri95, XZ22, ZS04, ZHY16, dBG08, vDG93, vES04, AdHN88, BY88, FGS96, GL96, Wri97]. Metric [Bar00b, BD10, BS10, BDST08, XPL18, Zim17]. Metrics [QZL05]. Meyer [IK06]. MGS [PR06]. MGS-GMRES [PRS06]. Midranges [MGS20]. MIMO [DSZ14, GVV04]. Minc [Lat95b]. Minimal [BEGM05, BM0vdD04, BDTS11, DDM10, DS10, DS19, FJKM96, Fio11, HP09, IM16, JN21, OV99, Par92, PR01, Pey01, Sch95b, SMBJS13]. Minimal-Distance [Fio11]. Minimax [Ash91, IM95]. Minimization [ABMV20, BL12, BL13, CKL21, EOS19c, EOS19b, FPST13, FM93a, HN98, Lu20, NNF14, SAGS21, ZN21, Zha17]. Minimizer [CS10b]. Minimizers [FGM91]. Minimizing [BDHS11, CG96, Ern00, GV07, GH18, LP11, Ove88, OW88]. Minimum [ADD96, BS90, BHH+08, Dax08, HJ07, LN14, MV97, Mat05, MO20, PP05b, Wat92a, WS12, All89]. Minimum-Residual [HJ07]. Minkowski [ML89]. Minors [KMS01, KMS03]. MINRES [KS99, PW15]. MQR [LS06]. Mirrorsymmetric [LF02b]. Mirsky [Fou18]. Missing [GG11, MU13]. Mittag [AD21]. Mittag-Leffler [AD21].

FGL21, GHHW90, GLM17, HS16, Men12, QS06, Qi13, Rum97. Nearly [BR08, BW97, DS97, ESS+12, MHG15, ST14, WD95, Zha93b, GL96, Hav89].

Nearly [BR08, BW97, DS97, ESS+12, MHG15, ST14, WD95, Zha93b, GL96, Hav89].

Nearness [BDST08, DT08, GKL14, KMS15, SV15].

Necessary [Cor93, Gad88, HQ16, Pin19, Sou19, ZWF05].

Need [DI19, FH21].

Nested [BOS13, BHL93, BT02, CCB20, Cao00a, HR95, SS91, SV93, Ten97].

Nested-Dissection [BT02].

Network [AD21, AL98a, BYDW18, BK15, GHN18, PT18, vdBvV93]. Networks [BDR12, FMRR13, FH17, GDF01, IO16, KS15, WSSL06].

Neumann [CLN14, MOC91].

Neville [GP93, GT04].

Newton [KZ10, BIP08, BX08, CR+21, DS16, ES09, EM15, FHS09, FM93a, GR17b, Guo98, GL00a, GH06, HK01, HMWY18, Ian06, JWN18, Joh08, KL92, LE02, PTC13, QL99, QS06, Qi13, San88, Tis01a, XNB22, ZˇS94, ZZS04, Zha10a, ZBJ15].

Newton-Like [GL00a, ZZS04].

Next [Mar91].

Nilpotent [LW05].

Nine [ZFW07].

Nine-Diagonal [ZFV07].

NMF [LGI21].

Non [CCL09, FH21, QCCT17, CH93c, CE12, CESC20, ENV92, IN09, RSS09, YXC+17].

Non-Diagonally [CESC20].

Non-Hermitian [BDY99, BGN03, CE12, CH93c, CESC20, ENV92, IN09, RSS09, YXC+17].

Non-Interior-Point [CH93c].

Nondiadditivity [CGMZ21].

Noncommutative [HM04b].

Nonconvex [BST16, TFL11].

Nondefinite [CPS00, Ser96].

Nondiagonalizable [LM06b].

Nonexistence [VNVM14].

Nonfull [Fei94].

Nonfull-Rank [Fei94].

Nongeneric [Van92, VV88].

Nonhomogeneous [Ger92].

Nonincreasing [GPS96].

Noninterior [Kan96].

Nonlinear [AA19, AG00, BLL22, BSFM10, BH13, BM96, CZBL18, CCG+09, Eff13, ESR01, FL19, Gu99, Guo01a, GKL14, JMM14, KKM14, KS92, LM90, LZ10, Lu20, MOC91, MH13a, MBN17, PP05a, RRR06, RFG98, VMM15, VYH11, YGM09, ZBJ15, ZPW18].

Nonlinearizing [RJ21].

Nonlocal [CD17, CESC20, KPC94].

Nonmaximal [FG94, Nab00, Wal03].

Nonmonic [GH91].

Nonnegative [Ano11, Art03, BN10, BCR11, CPZ11, CFJKS13, CK12, CSEP21, DWY02, FGJ00, FH9+94, FG94, GTH19b, GGJ18, Gil13, GK15, GR93, Gru06, GP18, HNT99, Har98, HHSW97, HST19, JZ99, JMN03, KOSvdD07, KP08, Kir95, KNOX02, Koe05, Koe07, KK21, LS90, Lew91, LGL16, Nab00, NP20, NS18, NZQ10, NT08, Ors06, PN18, PL14, QXX14, QCL16, SG14, TFL11, YY10, YY11, ZY93, ZHY16, AdHN88, HRS88, LH22].

Nonnegatively [BN06a].

Nonnegativity [BH08, KP08, NS94, SW91].

Nonnormal [BES15, CESC20, SCBG05].

Nonorthogonal [CL17].

Nonoverlapping [CG92].

Nonpassive [FG12].

Nonpolyhedral [ZvSD20].

Nonpositive [CKRU08, CFJKS13, HC15].

Nonseparable [Mac98].

Nonsingular [BC92, CKRU08, EG15, NK01].

Nonsingularity [GT99].

Nonsmooth [Beb06, Lew99].

Nonspherical [SS10].

Nonsquare [BGEM05, CG06, IM16, LGC08, Mor21].

Nonstandard [RT99, Zul11].

Nonstationary [Mat05, MPS01, SWZ11].

Nonsymmetric [AA94, BMS06, BG05b, BIP08, BG06a, Cao02, CS98, CZ02, Day97, EN08, GV99, GL00b, Gu01b, GH07b, GIM08, Jou92, JL98, JOAKt10, KK93a, KOSvdD07].
LwCKL13, LX12, Lu05, LKK97, Meh08, MO20, Mor00, Nab99, NRT92a, NRT92b, PW15, RKN20, SHY10, SB05, SSR20, SW94, VKH01, Aur89, OW88, AGQS22.

Nonuniform [BDGY20, GS03].

NonUniformly [RS21].

Norm [ABMV20, Auj00, BZ98, BE03, BK21, CG96, Dax08, DG19, EOS11, EOS19a, EOS19b, FH21, FKL13, GGO13, GGMO17, HN98, Hal20, HNT99, HH07, HGCO00, HV19, Koh99, Li16, LT09, LV10, Mat93b, Mat05, Men11, NS11, Pai09, PO03, RPG96, RPG98, TT14, WS12, FSV14, HC89a, HC89b].

Norm-Minimizing [CG96].

Normal [ABMV20, Auj00, BZ98, BE03, BK21, CG96, Dax08, DG19, EOS11, EOS19a, EOS19b, FH21, FKL13, GGO13, GGMO17, HN98, Hal20, HNT99, HH07, HGCO00, HV19, Koh99, Li16, LT09, LV10, Mat93b, Mat05, Men11, NS11, Pai09, PO03, RPG96, RPG98, TT14, WS12, FSV14, HC89a, HC89b].

Normality [LJS19, Lee95, Lee96].

Normalized [GN13, PW14a].

Norms [BK97, BGKS99, BV07, CDGS10, GKL95, GZ09, GZ15, HO10, HLS97, HGCO00, HV19, Koh99, Li16, LT09, LV10, Mat93b, Mat05, Men11, NS11, Pai09, PO03, RPG96, RPG98, TT14, WS12, FSV14, HC89a, HC89b].

Normwise [FLV04, Rum03a, XW07].

Note [BHL+93, Cao00b, Cao02, Cao09, CL09, CT15, DD08, DM04, FH93, GG03, Gro97, KZ10, KP99, LT94a, LM03, Log17, LR99, Mas94, MNT99, Tim02, Zhe98, BM88, Sun89].

Novel [AFPA07, GRK17, RCH08].

NP [GG11, HO10, RK95].

NP-Hard [RK95, GG11, HO10].

Nuclear [Ano11, CPZ11].

Null [Li16, LV10, BN18].

Null [AD02, AB01, Bar93b, FJ97, GT08, GOS15, Guo02, KSH02, PR16].

Null-Space [FJ97, PR16].

Null-Spaces [KSH02].

Nullspace [IKSG10, Jan92, PW90, SV93].

Number [AMH09, AW10, ABG07, ANT19, AW05, BDMS10, BDMS12, BGT14, Bor10, BK19, BV18, CT93, Dh98, ES05, Far16, FH21, GV07, Har05, HR14, KLV18, KW94, Li06, LP11, LT94b, gS00a].

Numbers [BK06, CD05, CC09, DMC13, GK93, Grc10, KKT06, Kir02, KPM09, NW98, PT05, RVL05, ST06, VT98, ZMW17, Ede88].

Numerical [BDHS11, BBD+16, BBD14, BLd03, BBM02, Bos21, BBGMB02, BBGM93, CDGS10, CH93b, CG15a, Cho10, CG98a, Cro16, CP17, CG19, DBW15, DF20, DHHW92, GLPS11, GL96, GKL18, GPTPV16, GC19, Gup02, HB94, KM16, LP01, LO20, Li06, LR94, LP00, LW05, LWY91, Lin03, LR05, Lu20, MG92, MA99, MYK14, M¨os08, MMH94, OovdD98, Ors06, Ple06, RS18, RD95, Ste03, Ste11b, Ste18, Swe93, Tre88a, Tre89, TW03, TU91, Tur97, Vav94, WLD18, X005, CJL96a, CJL96b].

Numerically [Fuh07].

Obey [BHKR11].

Object [GL99].

Object-Oriented [GL99].

Objects [NW02].

Oblique [BMP20, CE02, DL02, GT99, JK95a, Ste11b].

Oblivious [INR21].

Observability [Bar94, CT91, EJK09, Wim88b].

Observations [CHZ03].

Observed [CH93b].

Obtained [Pai09, PW14a].

occupation [Mol92].

Odd [BDD20, LF02b, Mel01, Mel04].

Odd/Even [LF02b].

Odd/Even-Mode [LF02b].

ODEs [KJH16].

Oettli [May12].

Off [CDGS10].

Off-Diagonal [CGD910].

Ohta [FP17].

Once [LW20b].

One [Arg15, BL21, BV90, BEGG07, Bor09, BB07, CLL20, DS20b, DD13a, GTW00, GT17, GE94, HST19, JK15, JLS01, LNSU18, MMW17, MSS19, MHG15, PL14, Qi11, SB92, Ste09, Ste10a, Tre90, WC14, Wei92, ZG01, AKU20, BK21, MH95].

One-Dimensional [JLS01].

One-loop [CLL20].

One-Parameter [Tre90].

One-Sided [BB07].

One-Way [BV90, GTW00].

Online [ZPW18].

onto [Bor14, Din98].

Operations [LB02].

Operator [CT15, Dri06, HHLW13, JJ03, KK12, Mat93b, Nou96, PS08, RRR06].
RHE14, TCTM00, TW03, BM88, BN87.

Operators
[AMT90, Beb06, BK90, BJMS17, BET02, CHH+15, CZ03, Elm97, Gre92, GCL16, Gruf06, HK08, HLT91, HLM94, JLS01, KBHH13, Kn100, KM96, PW03, Rog05, SI03, SQ13, Tg91, ZAK13, DS95].

Oppenheim [LZ97, YL00, Zha04].

Optic [Kau06].

Optical [HKBM08, SdJL+18].

Optics [Bar08].

Optimal [ASvG17, ADC04, BB95, BBTT06, BSZ20, BOS16, BGG18, Bet09, BGO7, Bor14, CS09, CC17, DP10, DS16, FG15, FL99, GH92, GLS12, GDX11, HB12, HS10, HG21, HS13, Jia22, KN00, KMS01, KMS03, Li06, LC05, LP13, MV04, gS99, TS99, TV09, Tyr92, VCA10, WH00, Meh88, NW02].

Optimal-Order [DS16].

Optimality [CB00, ES11, EMC17, WZL21, OW88].

Optimally [KRS19, SES95].

Optimization [BL21, BACM20, BM01, BLO03, CLL20, CDF12, FGL21, GHNV03, GMP89, GGO13, HL08, Hig93, HMWY18, KMM18, KLV18, LMPT20, MYK14, NBS10, PN18, PSW12, PFR117, PLG20, SZ07, SAGS21, TFL11, V10, WCLL16, ZLQ12, FG96].

Optimized [DK13, ESK16].

Optimizing [FN08, H109, N10, NP13, OW95].

Optimum [Woº93].

Orbit [DZ01, DK14].

Orbits [DD08, LPS08].

Order [AB19b, BGG18, BB96, BE03, CG03a, CGMZ21, DDD06, De 08a, De 08b, DN08, D08, DD13a, DD13b, DD14, DDS17, DRV21, DS16, DIS15, FL10, FL18, GL18, GS94, Hm95, HR14, I1A1, JX20, KB90, KBHH13, K102, LMS12, LNT18, LGL16, Lu10, Men08, MJ11, MO9, Pe95, PS04, QCBZ21, S16, SK20, SS17, SQ13, SD15b, SM16, SMM20, SH1b, Ste10a, SW98, Vac94, V10, VKDD21, ZG01, dBG08, BS05, VD21, Zab99].

Ordered [Har93, JOvdD01, JOl04].

Ordering [Alt13, ADD96, AL07, AL98b, BF10, BS90, DFT92, GO95, Gro97, HP09, LRN06, NR99, RS94, RE98, YLO8].

Orderings [BT02, Har93, Mais95, Pey01, SS89].

Orders [He99, JM1986].

Ordinal [W109].

Ordinary [WZ95].

Oriented [BvdG11, GLS99, Har07, Mor94].

Origin [AH01, ZvSD20].

Orthogonal [BZ98, BV95, CS09, Cla10, DLL14, DP04, DMM03, EM00, EK91, FB95, Fie96, GW07, GGL04, GD22, GRC10, GD08, GC19, HLM94, HV97, Jia01, Kol01, Kol03, LUC18, MNS18, LB96, LEB16, MV08, MG17, N13, OST09, PN18, Rob16, Ste16b, SB95, T03, VFGM05, VV15, WGL21, Yan02, CH88, CG90, DG10, HS88, BB88].

Orthogonality [BP92, EAS98, HS98].

Orthogonalization [CGLV11, Dax08, ROD15].

Orthogonally [CC1+, DL15, MG15].

Orthonormal [BL15, IW14, SDC+12].

Orthotropic [CS91].

Oscillation [KH13].

Oscillators [FL99].

Other [Gre92].

Out-of-Core [Bér90].

Out-of-Sample [MSS19].

Outer [ZHY16, CF99].

Output [CCH98, GVK20, H189, Meh88].

Overall [DD13b].

Overcoming [HO98].

Overdetermined [HM17].

Overlap [Whi00].

Overlapping [CG92, S91, Z94].

Overrelaxation [GH92].

P [BG19a].

P-matricity [BG19a].

Package [GL99].

Packets [HL17].

Padé [Bao94, BB94, C1J96a, C1J96b, DP00, GN16, Hi01, H11, H13, Lu98b].

PageRank [WW08, BRZ06, G15, IK06, IS08, LM06a, SC05, WI09].

Pair [LS10, LM66b, LGL16, Ste16a, XNB22].

Pairs [BC92, Car94, EJK09, FV98, GMP03, GHT10, Hua21, JKM11, KNS12, KLS16, Law13, LM06b, T04, XPL+18, HD97].

Palencia [CGL18, RS18].

Palindromic [BKMS15, De 18, HL09].

Panel [KDGG13].

Parabolic [DSO11, MS97].

PARAFAC [dMG14, GMBS12, PTC13, RCO8, Ste08, SO9, Ste12].

Parallel
Parallelizable [ZZ98a].

Parameter [BK15, BKK07, CS01, CGGS98, DP09, HP02, HKP05, J92, LZ10, MH13a, MMW17, Plo00, SK16, SS17, Tre90, Uhl20, Vog99, RJ21].

Parameter-Dependent [BK15, MMW17, SK16, SS17].

Parameterization [KJH16].

Parameterized [BT10b, BCW12, CGI10, DBW15, MB10, MSM21, NS09].

Parameters [DPP13, FST+13, HG21, HZ01, KO01].

Parametric [BP21, GS06, Pop12, Pop15, SS17].

Parametrization [DJ09, DY10, FMX02, Jia01].

Parametrized [KT11, Meo03].

Parareal [Sou19].

Pararnitary [Jia01].

Parlett [DH03, HL21].

Part [BM94, FG94, Mat92, Nab00, AMR+18, BM00, BBM02a, BBM02b, De 08a, De 08b, DN08, DG91b, DG91c, DD13a, DD13b, EEE97, EEEK99, Fer97, Gut92, Gut94, Ho90, LLZ09, MMT08, Rau02a, Rau02b, Rum03a, Rum03b, SD15a, SDD15, VD21, VKDD21].

Parter [JDS03].

Partial [ABG07, BDGY20, Bjö14, BT02, DD16, DEG+99, Fos94, GKR89, GGo09, Gro97, GMBS12, HRV99, He99, Hig97, JK97, JMM14, JN03, LO20, MSS19, RW95, Tam98, Tsl97, WoZ93, YL08, ZZ99, JMW96, JR88].

Partially [CLA04, Dm93, GOV19, KtX07, Nae93].

Partition [Wai93].

Partitioned [De 08a, IIM94, LNTX11, LNTX13, ZZO1, IM95].

Partitioning [AEG19, AR93, FST+13, PV17, PSL90, YP98].

Partitions [L16].

Pasciak [FAT16, SW08].

Pasciak-Type [FAT16].

Passage [DA05, KN99].

Passive [FGL21].

Passivity [DRV1].

Passivity-Based [DRV1].

Path [GTJ13, JS07, LM18].

Path-Following [LM18].

Path-Sums [GTJ13].

Paths [PSS19].

Pathways [L95].

Pattern [BSvdD95, DD97, He90, LS95, HPR89].

Patterns [BMWvdD04, HLW94, KOSvdD07, LOvdD02, SHS03, Tsa98, JJ88].

PDE [CLNW20, DSSC11, PW12, ZO7].

PDE-Constrained [PSW12, SZ07].

PDEs [BOS16, CDGS10, GLS12, Hem95].

Penalized [YLA97, ZZS04].

Penalty [LM20].

Penalty [AMR+18, BBV19].

PDEs [Bos21, CH06, DS10, DS19, GLM17, HGC00, JOAKt10, Na98, SL94, BV88].

Pencils [AA09, AAB10, AB18, AT98, BBM02, BT12, BT13, Ba90, BM06, BKMS14, BKMS15, BS16, BEGM05, CG09b, CG06, DD08, DD16, De 18, DK14, DJK17, DS20b, EEK97, EKEK99, EK67, EKP03, GT17, HO94, HTM09, HGC09, IM16, IS07, IT11, KL98b, LGC08, LV06, LW97, Meh99, MMW17, Mor21, TU91, NP16].

Penrose [BC10, FF99, HH93, HH94, Pat00].

Per-Hermitian [HBW90].

Perceptron [CFR+21].

Pereyra [BEG+09].

Pereyra-Type [BEG+09].

Perfect [MV18].

Performance [BS90, BH90, BBM02a, NR99, Swe93, Wat00, WZZH21, JP94].

Periodic [BT06, CCS05, CFL07, GKK99, Gk06, Kir95, KtX04, LgS02, Sum04, Tam97, BC88, MF20].

Periodicity [CD00, DP09].

Permanent [GP88].

Permutations [FF93].

Permutation [FJBd15, Stu88].

Permuted [MP12].

Permuting [DK99, DK01].

Perron [EKNN93, GTH19a, GTH19b, HQ16, KN94, KNOX02, LGL16, MP11, NS94, YY10, YY11].

Person [Mar91].

Perspective [Meo4].

Persymmetric [AKM97, CLG93].

Perturbation [AKB+11, BCR11, BBGF00, BM06, BEGM05, CGRVC08, CPG97, CP08, CGP09, CSIO1a, CLN12, WO3, DDY14a, DDY14b, DD07, DM98, DM05, DOV94].
EEK97, EEK99, EI98, ES11, Elm97, Far16, Fie96, FJ06, GA18, Gu98a, HY00, Hig03, HMP19, HC15, IR08, IN09, IM16, JK15, Kåg94, Kar11a, KK14, KPC94, KP99, KMP01, Kre05, LNZ03, LNV92, Li95, Li98a, Li98b, Li99, LS03, Li05, LS07, LNTX11, LNTX13, LgS02, Liu12, LR99, LT94b, MOC91, Mat93c, Mat97a, Mat97b, MBO97, MD03, Pet21, Ral09, RRR06, SMM20, Ste93a, Sun95a, Sun95b, Sun96, gSS97, gS98b, Sun04, TVW15, Vac94, Wan15, WD00, WLB05, Wel11, XSW10, XG98, Ye09, Zha93a, ZZ01, dTDM08.

Perturbations [AG88b, BR19, BEGG07, Ble21, BW93, DS20a, DD16, DS20b, EK96, GT17, GGM017, HH21, HNT99, Kar11b, Li93, MMS16, MMW17, MT15, RSR96, RW95, Rum03a, Rum03b, SW94, WD94, WD95, Zab91].

Perturbed [AKPP08, ANT09, BBS15, BFZ07, DLLT22, HHH12, MMN22, Naj98, SEM13, SM16].

Phase [CFL17, Mar11a]. Phenomenon [Hig03]. Photonic [HHLW13]. Pieces [CdS90]. Piecewise [BET02, Gow96].

Pierre [FF93]. Pipelined [CYA+18]. Pivot [Gar09]. Pivoting [BS02a, BT02, CCJ+00, DEG+99, DGGX15, DP05, DP07, FH21, FXG18, Fos94, Gou91, GGC09, Hig97, HHP21, HS14, IT06, KDGG13, MM00, SS98, Swe93, Tej97, YC97, Placement [BR19, GT17, MX98, Mim15, vdWM95]. Plane [AP94, BMM20, PS88]. Plus [BDG20, BJ16, CG03b, CESC20, DD98, Har05, HR04, HT17, Hoo17, ZS99]. POD [CFT16]. POD-Augmented [CFT16].

Point [AGQS22, BSZ20, BB18, BG04, BG06a, CH93c, CHZ03, Din98, DGSW06, Dol07, Djo0, DJR+18, EG15, GGV05, GS10b, GOR14, HZ01, JR13, JR08, KC09, LV10, LZ10, LP13, Mar91, Mész08, Not14, Not19, OS10, PW14b, PR16, PU10, PU14, RS02, RST18, SZ07, SHY10, SHZ12, SB04, SSR20, Ts01a, TS99, Tum02, Wri95, WTI1, XW07, YXY20, Zul11, Rum91, Wri97].

Points [AAB10, BGN12, DPP13, DLT15, GL13, GKL14, O’N05, XC20, de 90]. Pointwise [CRS99, CRS01]. Poisson [CCZ97]. Polak [JX20]. Polar [BvdMR+97, BX08, Eir00, GL17, GNS18, G196, HMMP04, HMT01, Kap90, KL92, KZ10, Li95, LS03, Li05, Mat95c, NBG10, NH12, NNF14, Pil94, YL08, ZMK02, vdMR01, GI97]. Pole [BMU94, FP98, MX98, Mim15, RS08, Sun96, Zab91, vdWM95, CM89, CM92b, GKR89].

Poles [GG14, MX98, VGA10]. Policy [OS09]. Polyadic [DD13a, DD13b, DD14, DL15, ED22, EVD22, SDC+12, SD15a, SDD15, SD15b, SD19, VD21]. Polyak [JX20]. Polygons [Fie95]. Polyhedral [Pil94, VF00, ZvSD20]. Polynomial [AB19a, AABK19, BDD13, BKSM15, BDT11, BDF17, BV95, BG95, wc03, Cla10, DB20, De 11, DDD20, DP15, DIS15, EGK91, FLT10, FIS01, G191, GL18, GW07, Gdld08, GR05, HM04a, HM04b, HMT06, HMT07, HMT09, IR08, JLZ16, JV04, Kit95, LP01, LP05, LN92, LP17, LR94, LY03, LT09, Lin03, M1M06b, Meu17, NNT17, NTTZ18, NK01, NTS15, RS96, RR94, RI11, RVV17, Tas15b, TDV15, TZ13, TTT98, Xu15, ZZ98b, dSV01, D1G106, MV88, Per88].

Posedness [dSL08]. positions [BH96].

Positive [ADGH18, AMT90, AD02, AFPA07, Asw16, BGN03, BW95, BJL98, BDR12, BF06, BD05, BS10, BHH+08, BT92, CS01, Car94, CT08, CCL09, CHLS00, DK05, DHZ03, DY10, EG00, FHGJ06, FV98, FMFJ18, GP06, GT04, GHNV03, GLV10, HLW94, Her90, Hu92, HQ16, JMO93, JH02, JOvdD03, Joh08, JSG15, KOsvdD07, KN91, LLˇS09, Lan00, Li05, LS11, Lin19, Lu98b, LQ16, MV97, MA20, Mat92, Mat97b, Mel04, Moa05, Mor22, NS07, ND06, NY95, NV02, OR93, Pe˜n98, Pe˜n05, PT05, Pha01, QXX14, Reo02, Roh94, RST18, SMBJS13, SAGS21, SH93, Wal03, WZ91, WZ95, Whi90, XG10, XC18, XHC21, Ye09, ZvdSD05, Zha00, ZHF05, Zha17, Zha10b, vdMS05, AG88a, FM88, HPR89].

Positive-Definite [AFPA07, JSG15, KN91, MV97, Mel04, Moa05, SAGS21, WZ91].

Positive-Semidefinite [MA20].

Positively [SQ13].

Positivity [BD98b, CKP11, DD12, GP93, LGL16].

Possibility [Kol03].

Possible [GPS96, TM12].

Potential [ABM21, PYHK93, SC05, WW08].

Potentially [LÖvdD02].

Powers [BM01, CWY20, Del97, HS98, HV05, KM11, KM14, KW92, Ran07, TFL11, ZXS21, BN88].

Power-Compositions [BM01].

PP [Ano11].

Practical [BBK18, Lee95, TYUC17].

Practice [Fos94].

Prager [May12].

Prager-Like [May12].

Precise [AS93].

Precision [AMHL22, CD15, FH19, HK95, PP11, YGL18, GS92].

Preclude [JJS8].

Preconditioned [ASvG17, Axe92, BN06a, BN06b, BGSC07, CNP94, DFT92, Elm97, FS10, HS10, HS95a, HSC04, IW14, KN09, KK93b, KK93a, LW20a, LH95, Pes14, PW15, RP10, RW92, Ser98, SHY10, SX11].

Preconditioner [BG04, BS02a, BW99, CT99, ES12, EZ95, FP17, For03, FMFJ18, GLS12, GGV05, HT17, JWXX03, LS06, ILNS17, MMN22, RN18, SZ99, SB04, SW08, Tan99, XLS16, XHC21, ZXS21].

Preconditioners [AGP19, AG19, ACST09, BNW09, BDSC11, BSZ20, BGH+06, BK95, BG06a, BCMM95, Cap98, CP03b, CPS00, Che01a, CCZ97, CNW08, DYH06, Do07, DS16, EN08, GMPS92, GG06, Gre92, HO92, KO05, Kil99, LG06, LS17, Not14, NV02, PWS12, PR16, Pes19, SST05, SZ07, SHZ12, SS20, TMNV10, TS99, Ty92, Cha89, KCT90].

Preconditioning [ADGH18, ACW17, AV91, ABN09, Beb06, BOS16, BH03, Cao02, Cap08, DGSW06, DSSC11, FJKM96, GLH03, HJ07, JC22, KNW20, KG00, KL08, LR06, LXSH20, Log17, MT00, NS96, Not06, PAP00, PV17, PS04, PU10, RW94, RSS90, RS02, Ser96, SCBC21, SEM13, ST14, SCA12, SW08, Vy92, XX17, YXS21, vD99, Ash91, PU14].

Preconditionings [MP21, KY93].

Preconditioner [LW0b].

Predicting [Gil94, GS92].

Prediction [Elt92, GGC09, NP96, Qia88].

Predictor [BB98].

Preface [LGPS90].

Prescribed [ADHM19, CE94, CKL04, DHST05, FIS01, NS94, RSS94, TDV15, BH96].

Presence [CGGS98, Par94, Wat00].

Preserve [DMS12, Loe90].

Preserved [DV06b, DV06a].

Preservers [PR88].

Preserving [BWQ06, BS91, BS94a, BH08, BDF17, Fit19, FHLS13, FT16, GLV10, GL10, HMNT05, HLT91, HLM94, HJP03, HLQ09, JN21, KR14, KK17, KS12, KLS16, LX06, LGL16, MMS16, SS06, SdJJ+18, SMM20, VZ06, XC18, DS95].

Pressure [Mor22].

Prewavelets [Mae98].

Primitive [GGJ18, Pro13].

Primitivity [Aono11, CPZ11, FV98].

Principal [AR93, Drm00b, JKK95b, MSZ21, MTV10, MYA19, MM00, RST10, XK94, Yan98, dSV01, Özg91].

Principal-Components [AR93].

Principle [BRR00].

Principles
[BL12, BL13, Bor03, Auc89]. Priori
[AMS07, EV06, Lat95a]. Probabilistic
[H15, HIS18, IZ20, KW94, YC97, vDHvdV00]. Probability [Spe98]. Probing
[C92a, FSS21]. Problem
[ASA04, AA94, Afs08, AE97, AHS00, AB19a, Aru92, BG11, Bai99, BS05, BL12, BL13, Bar93a, BJJ98, BBT05, BBTK08, BF00, BGT14, BD00, BGT05b, BHP03, BEGM05, BDST08, BMU94, BF95, BMV20, BW93, CZBL18, CE02, CG98, Cha00, CP98, CG98a, CG06, CH06, CMT09, CF00, CB00, CH99, DBW15, DW06, DD10, DS19, DYY16, DK08a, DL17b, ES18, FZ16, Fr92, GOV19, Gow90, GS94, GS02, Gul95, GL10, HLT12, HPS+11, HPS13, HPS15, HPS16, HP02, HK95, HGL05, IM16, JNP21, JKN11, KM16, Kau93, Kau92, KN98, KN91, KMS01, KMS03, KLT07, LZ14, LM90, LGC+14, LJW22, LM03, Lu95, Lu98a, LZ10, LN14, LKK07, Mac99, Mac95, Mal04, MP95a, Mar11a, MLV00, Mat98, Mee09, Meth, MX98, MBN17, Mim00, MN97, MPS98].

Problems
[NOZ11, NS10, NBS10, PDF16, Ple00, Ple06, Qi13, RW01, Sid95, Sun06, SD12, TETA05, VZ91, VGV09, Ven93, Voo12, VYH11, WE91, Wat93, WE94, Wei92, FX96, Z98a, ZW05, Zha10a, ZXL14, ZYSY20, ZMW17, ZF14, dSL08, BJ95, Pan91, San88, Tiss93, Tre88a, Tre89, VV88, VV89, WBP90].

Procedures
[CW96, GIKT95, GGL04, LSB16].

Procedures [GR00]. Process
[Art96, BR08, CKR05, Gut92, Gut94, HKV05, Pai10, PP11, Pai19, Van08].

Processes
[AGQS22, AG00, Cap98, CC97, Cla10, DQ02, GdlI08, Guo02, HM20, LF02, LP89].

Processing
[Art96, BR08, CKR05, Gut92, Gut94, HKV05, Pai10, PP11, Pai19, Van08].

Products
[AGQS22, AG00, Cap98, CC97, Cla10, DQ02, GdlI08, Guo02, HM20, LF02, LP89].

Product/Quotient [GSV00]. Products
[BZ07, BF05, CDH12, FF94, FHS13, FIS01, GT11, GLP01, GP04, HL17, HM90, HLS97,
SL94, SX11, XE10, ZAK13, BF89].

Quotients [CDH12]. QZ [KK07].

R [CT15, Ikr97, KZ10]. Radau [FLSS17].

Radial [Le 19, WLD18]. Radii
[Alt13, BM19, BN05, BN10, BZ00, COP20, GR93, GO11, GGMO17, JCG14, KV14, LO20, LW05, Mor22, NP13, Tig91, Tro90, BH96, OW88].

Radii [Le 19, WLD18]. Radius
[Alt13, BM19, BN05, BN10, BZ00, COP20, GR93, GO11, GGMO17, JCG14, KV14, LO20, LW05, Mor22, NP13, Tig91, Tro90, BH96, OW88].

Radix [PL18].

Radix-2 [PL18].

Ramaswami [Guo02].

Random [Ain17, AB19a, BMM20, BK21, CWY20, CD05, CLNW20, CC09, Del97, DMS13, DRSZ07, DGMIM15, DK08b, ES08, GN03, HLP21, Ho91, INRZ21, KN99, KW92, PC16, RVA05, RS21, VT98, Ed88].

Randomization [SG21]. Randomized
[BYDW18, BBK18, BG13, CD13, FXG18, GR15, GR17b, HI15, MRR15, Mar11b, MSK21, Nec19, RST10, SAI19, Ste21, WXZ16, XCC14, XCCB14, XCG12, Xia13, YGL18, ZF13]. Randomly [PJM21].

Range [AS93, BLd93, CP17, CG19, DF20, GKL18, GT11, KM16, LP01, LR94, LP00, Lin03, Lu20, RS18, TW03, TUR1, FM88].

Range-Space [GT11]. Ranges
[Cro16, GLPS11, MA99]. Rank
[AUK20, ADGH18, AJRS13, AC20, AG88b, Arg15, ABM21, Asw16, BL21, BR19, BV92, BLP15, BYDW18, BK18, BBV19, BV00, BBBT20, BDC20, BEGG07, BCR11, BD10, BSU15, BS10, BHH408, BPR20, BK21, CBB-20, CGCDM13, CR21, CI94, CDGS10, CWY20, CS09, CO12, COV21, Cho10, CGMZ21, CFG98, CP03c, CDLP05, CHW10, CSEP21, CI21, CLG93, CGLM08, CK20, CMM22, DH01, Dax08, DDV00b, De 11, D070, D080, D16, D18, D20, D07, D08a, D08b, DGGX15, DI09, D20b, DD20, DK06, DI19, DWY20, DL17b, E090, ES11, E18, EG15, ED22, FPST13, Fe94, FB95, Fos03, FO18, FP16, FT07, Fri16, GLPS11, GMN20, GR17a, GT17, GO19, GG11, GGL04, GQ14, Gr10, GV07, GE94, GCC18, GC19, GL13, HY01, HM20].

Rank
[Hel95, HLW94, HMP19, HS13, HST19, IADV11, IAV13, IUM14, JMPR19, JK15, JKN1, KM16, KK12, KDGG13, KS18, KL07, KR02, Ko03, KO15, Ko00, KK17, KT11, LH22, LLZ09, LC16, LW20b, LZ05a, LS17, LNSU18, LMP20, MU13, MA20, MPR18, MMW17, MSS19, MH15, MD03, MHG15, MBM08, NS11, NW14, Nic17, OSS14, PK93, PK94, Pan93, PE95, PL97, PL14, Qi11, QCL16, Rie92, SCPW12, SS10, SMBJS13, SB92, SC10, SG21, SD21, SD15a, SDD15, Ste08, Ste10a, Ste13, Ste03b, Ste16b, Ste16c, Ste18, STT17, Tas15a, TYUC17, VV10, VYH11, WC14, WCY15, WLD18, WS12, WCC16, WD94, WD95, XLS16, XX16, XG10, Yan20, XHY20, YGL18, Zab91, ZZ99, ZGO1, ZZSO2, ZZSO4, ZLQ12, ZH16, ZXS21, ZHL12, DL08, dTDM08, vdV96, BK89, FMSS21, MK20, Wim88b].

Rank- [BLW15, BV00, CSEP21, ES09, GGL04, KR02, Ko00, NW14, DDV00b, De 11, DD20, SD15a, SDD15]. Rank-1 [DDV00b, GCC18, Ste10a, ZLQ12].

Rank-Completing [HMP19].

Rank-Constrained [FT07].

Rank-Deficient [Fos03, HS13, MH15].

Rank-One
[Arg15, BL21, BEGG07, GE94, HST19, JK15, LNSU18, MMW17, MSS19, MH15, PL14, Qi11, SB92, WC14, ZG01, AKU20, BK21].

Rank-Reducing [WD95].

Rank-Revealing [CGCDM13, CI94, HY01, LLZ09, LZ05a, PE95, Ste93b].

Rank-Structured
[CR21, MPR18, XG10, ZH12]. Ranking
[WI09].

Ranks
[DL17a, NY19, RW95, TL06, HPR89].

Rapidly [Auc91]. Rate
[BL22, Guo01a, KNX04]. Rates
[BMF03, LFW13, Nab99]. Ratio
[AKU20, LNSU18, NBS10, Qi11]. Rational
[AB16a, AB18, ADMZ18, ADHM19, BL00].
Xu98, ZZ98b, MV88. \textbf{Relations} [BS02b, CG96, EGGR99, GP03, HLT91, Mat05].

\textbf{Relationship} [CG92, HPS+11, PP05b, Peñ98].

\textbf{Relationships} [CF02, Relative [Bar00b, DDY14b, DP04, DMM03, DMM08, DH97, El98, EGTP17, HC15, Le 96, Li98a, Li98b, Li99, Li05, LR99, Pur05, Tru06, Ye09].

\textbf{Relative-Error} [DMM08].

\textbf{Relatively} [WLV06].

\textbf{Relaxation} [AW00, BF05, Cif21, ENV92, HG21, HZ01, LZ10, Woż93].

\textbf{Relaxations} [FJBd15, Hel00, LQ16, NW14, Sch05].

\textbf{Reliable} [Dhi98, Ral11].

\textbf{Remark} [Lat95b].

\textbf{Remarks} [BGT05a, Fri16, RS18, Wei95].

\textbf{Renumbering} [BW99].

\textbf{Reordering} [GK06, JNP21, PFRR17, Zha01].

\textbf{Reorderings} [LC05].

\textbf{Reorthogonalizing} [GGL04].

\textbf{Repartitioning} [GH92].

\textbf{Repeated} [AT98, BS96, QACT13].

\textbf{Replacement} [CD14].

\textbf{Representations} [DV08b, FS97, GdlI08, KK12, Mar11b, PJM21, Sai16, Ste16a, SB95, SB03, Wei96].

\textbf{Representing} [Tig91].

\textbf{Rescaling} [Hu92].

\textbf{Residual} [BdKV10].

\textbf{Residual-type} [Saa06].

\textbf{Residuals} [BD09, Grc10].

\textbf{Resistance} [Ft19].

\textbf{Resolution} [CC92].

\textbf{Resonance} [GS06].

\textbf{Respect} [Ble21, RODS12, Uhl18, WD04].

\textbf{Response} [BL12, BL13, ZXL14, MP88].

\textbf{Restart} [WS00].

\textbf{Restarted} [BJM05, BER04, BF00, FGS14a, JK97, JN03, LS96, Leh01, MR97, Mor95, Mor00, NZ16, Sim00, XE12].

\textbf{Restarting} [AGJ14, CGLV11, EGG11, Sta02].

\textbf{Restarts} [FGS14b, ZH17].

\textbf{Restoration} [CR96, NNP04, RHE14].

\textbf{Restricted} [BT10a, CDD00, DG91a, MT15, Nov11, VZ91, Zha91].

\textbf{Restricted-denominator} [Nov11].

\textbf{Restrictively} [LW20a].

\textbf{Result} [CGL18, Pai10, Sle09, Voo12].

\textbf{Results} [BLd93, Cho10, DG91b, Din98, Djo08, DD13a, DIKMI18, Fer97, GS02, GWZ05, KS03, Mei04, Men99, MT00, MPS98, NP96, Ser98, Wil08, YL00, YY10, YY11, von93, CRR93].

\textbf{Resummations} [GTJ13].

\textbf{Retractions} [GL18].

\textbf{Retrieval} [BR05, CFL17, JD18, KD22].

\textbf{Revealing} [CGDM13, CI94, DGGX15, DK06, FB95, HY01, KDGG13, LLZ09, LZ05a, PE95, PL97, SG21, Ste93b].

\textbf{Reverse} [BMRZ94, Djo08].

\textbf{Reversible} [DR93].

\textbf{Review} [AYLR04, Meu92].

\textbf{Visiting} [Dub00, Hig05, Poy01, Wu17].

\textbf{Revisiting} [AC20].

\textbf{Reweighted} [O’L90].

\textbf{Ribièrè} [XJ20].

\textbf{Riccati} [BIP08, CR10, FHS09, Guo98, GL00b, GL00a, Guo01b, GH07b, GIM08, JL98, JOAK10, KP99, LwCKL13, Lim07, LgS02, LX06, LX12, Lud05, MOR16, MX09, Sch95a, Sim16, gS98b, SM04, gWcWL12].

\textbf{Riccati-Type} [LX06].

\textbf{Ridge} [ACW17, SCBC21].

\textbf{Riemannian} [BS10, BAMC20, CDH12, HMWY18, IAVD11, JX20, Lim13, Lim19, SAGS21, VV10, WCC16, YBZC16, Zha10a, ZBJ15, Zim17].

\textbf{Riesz} [vdMS05].

\textbf{Right} [GRT07, HPS13, HPS16, HP02, KS92, MB10, Ple00, WC10].

\textbf{Right-Hand} [GRT07, HPS13, HPS16, KS92, MB10].

\textbf{Rightmost} [EW13, MR97].

\textbf{Rigidity} [KK21, ST08, SC10].

\textbf{Rigorous} [CS10a, DN11].

\textbf{Ring} [PLL07].

\textbf{Ritz} [AKP08, BGV10, BD09, CE12, Hav89, KA07, KA10, MSZ20, MSZ21, PP11, Tan94, TM12, WZ17, Wu17, Wül05, ZXL14, ZK17].

\textbf{Robert} [Joh96].

\textbf{Robust} [AGP19, AL98b, BSZ20, BH90, BLO03, DLMT13, Eff13, EL97, FMFJ18, GQ14, KB93, LGW12, LNT18, NK01, O’L90, \dots]
PSW12, SNC02, Sch05, WL06, WT11, XG10, XX17, Yan93, Zha01, Zul11.

RobustMap [Ost10]. Robustness [BCGG10, Gil13, MV20, WD94]. Role [Liu90]. Root [DK98, EKNX93, Gaw19, GH06, HM05, Ian06, Ian09, KNOX02, LFW13, Mat97a, Mei04, KN94].

Rootfinding [CR21]. Roots [AMVW15, AM +18, CG15b, FH10, GR05, LB02, Lu98b, MS91, NST15, Smi03, JN89].

Rosenbrock [AB16a]. Rotation [DL02, JSG15].

Rotations [AP94, Drm10, GO95, Moa02, SV05, Lu98b, MS91, NST15, Smi03, JN89].

Rounding [CYA +18, SvdVM00]. Roundoff [EMC17, LEMCD19, LMC22].

Roundoff-Error-Free [EMC17, LEMCD19, LMC22]. Row [CH06, CK20, CH99, DH05, FHS +94, GNP94, RS94, Pan91].

Row-Wise [CH99]. Rows [GN03]. RQ [SY98]. Rule [DTGVL05, Mat96, SW98].

Rutishauser [WE90]. S [CT15, WW08]. Saddle [BSZ20, BB18, BG04, BG06a, CHZ03, DGSW06, Dol07, DJR +18, EG15, GGV05, GS10b, GOR14, HZ01, JR08, KC09, LZ10, Not14, Not19, OS10, PW14b, PR16, PU10, PU14, RS02, RST18, SY10, SHZ12, SB04, Tum02, WT11, XW07, Zul11].

Saddle-Point [CHZ03, DGSW06, EG15, GOR14, HZ01, Tum02]. Saddlepoint [RW92]. Saddlepoints [Men99]. Salesman [JNP21]. Sammon [ZLN10]. Sample [BMfY03, GTP18, GKL95, GKL97, MSS19].

Sampling [AKP08, GOR08, IW14, LH22, SD19, XCCB14, XG12]. Sandwich [Jia98]. Satisfy [ZZ98b]. Satisfying [CG03a].

Scalable [WLMD19, vD99]. Scalar [ACST09, BvdMR +97, Kar11a, MMT05, MMT08]. Scale [ABM +17, BSFM10, BYDW18, BHM00, ES92, FI18, FM93a, GH07a, GAB08, HXY11, JK95a, KM18, LC15b, LwCKL13, MS10, Men18, OS09, PR12, SS13, Sim16, SK16, SY98, WZ17, ZSYJ18, HC89a, HC89b, MZ19].

Scaled [CE02, GN16, Mat09, HD97].

Scaling [AMH10, AP94, BBS15, Bet09, BZ00, BX08, CH94, DP05, FLV04, FH19, Fay95, Hig05, HO15, JSG15, KL92, KZ10, KR14, RS94, SW97].

Scaling-Rotation [JSG15].

Scalings [BB95, Gre92, HPTH19].

Schatten [FHLS13]. Scheduling [ADLK01, ADV05]. Scheme [ALN07, ALP07, CW20, IA011, NY95].

Schemes [Bor03, JZ99, Wh00, vD93, Wh89].

Schmidt [Bar19, BP02, CLR21, GGL04, PRS06, Ste05, VNVM14].

Schrödinger [JLS01].

Schubert [YL16]. Schur [GL10, Ste02, ALAK94, AB09, BLAK91, BL10, C99, CS96b, CDGS10, CLN12, CNW08, CH88, DH03, DV04, DV06b, ET10, GKKX94, GOK6, GH06, HL11, HL13, HL21, HS95b, HLS97, IM13, JMM14, KL98a, KPC94, KMP01, LZ05b, MV07b, Mat95b, Pet21, SK95, Smi03, Ste01, Sun95b, ZXS21, ZH17, vV96].

Schur-Monotonic [GL10].

Schur-Type [ZH17].

Schur's [LJS19].

Schwarz [Bor09, BPS05, FS97, FN08, HM90, NS07].

Science [AD21].

Scores [HIW15, Hoo17, SG21].

Search [Hig93, RCH08].

Searches [HK01].

Secant [CF98].

Second [BS05, BH93, BB96, DRV21, FLV04, GR93, Koh99, LNT18, OL99, OW95, PS04, Vac94].

Second-Moment [BH93].

Second-Order [BB96, OL99, PS04, Vac94, BS05].

Sections [LGPS90, MG92, NP99].

Sects [Rog05, Sil03].

Secular [LB02].

Seidel [MN15].

Selected [RS21, XCCB15].

Selection [AB13, CK20, CB00, Lu10, RE98, YXY20, dBG08].

Self [BLL22, BP21, CKL21, Cao09, LP01, LWWY14, MSZ20, PL18, Per88, WE89, WE90, YG09, ZAK13, vDMS05].
**Self-Adjoint** [Cao09, LP01, MSZ20, ZAK13, BP21, vdMS05]. **Self-Consistent** [BLL22, CgL21, LWY14, YGM09]. **Self-dual** [Per88]. **Self-equivalent** [WE89]. **Self-Recursive** [PL18]. **Self-Similar** [WE90]. **Selfadjoint** [KL98b, RRR06, ZZTA02]. **Semantic** [VS14, ZZ99]. **Semencul** [AG91a]. **Semi** [BY88, GK15, LHC16, SA22]. **Semi-Infinite** [SA22]. **Semi-iterative** [BY88]. **Semi-Nonnegative** [GK15]. **Semi-Separable** [LHC16]. **Semialgebraic** [QCL16]. **Semicircle** [BZ07]. **Semiclassical** [HL17]. **Semiconvergence** [AM05]. **Semidefinite** [AD02, BS10, BHH+08, CS01, Car94, CFG98, DHZ03, DH97, DY10, FNS08, GLS94, GO03, HXY11, Hel00, HLW94, Her90, JT98, Lau00, LWZX06, Mal04, MA20, MW01, NS07, NW14, Ste10b, SH03, WZ95, Zha00, HPR89]. **Semidirect** [HG14]. **Semigroups** [GR97, Jia98]. **Semimonotone** [MP95b]. **Semiproximal** [BST16]. **Semiring** [Pat00]. **Semiseparable** [CG03b, CGP06, GLV10, Har05, Mar11b, VVM05, XC18]. **Semisimple** [DS16, Q13]. **Semismooth** [QY04]. **Sense** [JKN11]. **Sensing** [JKN11]. **Sensitivity** [JKN11]. **Sesquipositive** [FA90, AA19, GJ95, DB88, GA18, GG06, GTP113, GKL97, Mey94, Zen16, Zen919, Zha93b]. **Separable** [HC14, KS92, LHC16, VGV09]. **Separation** [De 11, LZ05b, WB05]. **Separator** [GW22]. **Separators** [GM98]. **Sequence** [BGH95, DD99, LM98a, PA09, PW14a, TM97]. **Sequences** [Arg15, FC01, HSC04, NSCS10]. **Sequential** [DP97, PBB88]. **Sequentially** [CDG+05]. **Serial** [OYBV19]. **Series** [DM05, FG15, HR93, KS03, LW20a, SGX14, VP93, BS89, BN88, Tre88b]. **Serra** [WW08]. **Serra-Capizzano** [WW08]. **Server** [GT02]. **Set** [AM95, AKM97, BM19, BF06, CP17, EK96, Gow96, Gro97, Hla08, Huh04, KP08, LP96, LH22, May12, NS18, Pi94, RS18, Pea88]. **set-theoretic** [Pea88]. **Sets** [AMT90, BN10, CRS99, CR901, CG19, De 18, DLT15, GG18, GGO13, GZ15, GP16, Kar11a, KO18, MAY12, MPS00, Pop12, Pro13, SU94]. **Several** [Bin90, CC+99]. **Sham** [LWWY14]. **Shape** [AKM97]. **Shared** [ABM21, KP92]. **Sharp** [AM21, KP92]. **Shift** [BLL22, BT92, DI06, HLW01, TVW15, PS88]. **Shary** [Neu00]. **Sherman** [Rie92]. **Shift-Invariant** [GS03]. **Shift-Invert** [FS10, HL06]. **Shifted** [CM03, GLS94, Gao03, GIM08, HMR01, HG21, KM11, KM14, MV07a, RN18]. **Shifting** [MP91, vG93]. **Shifts** [BBM02a, Emb09, MV18, Wat95, Zh112]. **Short** [ESS+12]. **Short-Term** [ESS+12]. **shorted** [BM88]. **SIAM** [Aon11, Ch93a, HC89b, WW08, Zha95, G97, Ir97]. **Sided** [BB07, CZ02, FB95, Fie96, OYBV19, SWYM96, Zh17]. **Sides** [GRT07, HPS13, HS92, MB10]. **Sign** [BD98a, BMOvdD04, BC92, BD15, BDF17, BM97, CK00, HMM04, JMO93, KL91, KL92, KOSvdD07, L0vdD02, LS95, Pe95, Sha95, SH03, Te98, J188]. **Sign-Central** [BD15]. **Sign-Nonsingular** [BC92]. **Sign-Solvability** [CK00, Sha95]. **Signal** [Ar92, KP11, ZR95, Fuh88]. **Signature** [PSS19]. **Signatures** [Wim06]. **Signed** [HKG09, KSH02, SH03]. **Significance** [Van92]. **SIMP** [BMS00]. **Similar** [LLS09, Slev9, WE90]. **Similarity** [CG15a, FP98, GKK99, IIM94, LPS08, VVM05, dSV01, CH88]. **Similarity/Equivalence** [IM94]. **Simple** [Bo90, GGF14, Lu05, MA20, OP05, Ste91b, Tam99, WB05]. **Simpler** [JRG09, NTTZ18]. **Simultaneous** [AhS98, Bin90, BGBM93, BM20, CS96a, DF20,
DDV04, De 06, GOV19, LUC18, MM11, OST09, PR91, Sut12, CJL96a, CJL96b.


Single-Input [AD98, BMU94, MX98, Mim15].


Single-Input [AD98, BMU94, MX98, Mim15].


Single-Input [AD98, BMU94, MX98, Mim15].


Single-Input [AD98, BMU94, MX98, Mim15].


Single-Input [AD98, BMU94, MX98, Mim15].


Single-Input [AD98, BMU94, MX98, Mim15].


Single-Input [AD98, BMU94, MX98, Mim15].


Single-Input [AD98, BMU94, MX98, Mim15].


Single-Input [AD98, BMU94, MX98, Mim15].


Single-Input [AD98, BMU94, MX98, Mim15].


Single-Input [AD98, BMU94, MX98, Mim15].


Single-Input [AD98, BMU94, MX98, Mim15].


Single-Input [AD98, BMU94, MX98, Mim15].


Single-Input [AD98, BMU94, MX98, Mim15].


Single-Input [AD98, BMU94, MX98, Mim15].


Single-Input [AD98, BMU94, MX98, Mim15].


Single-Input [AD98, BMU94, MX98, Mim15].


Single-Input [AD98, BMU94, MX98, Mim15].

SdJL+i18, ZAKi13, DS95]. **Spectrum-based** [MF20]. **Sphere** [CDLP05]. **Spherical** [ZLQ12]. **SPIKE** [MM09]. **Spill** [CCL09]. **Spill-Over** [CCL09]. **spillover** [QCTT17]. **Spline** [AC20, HHRV99, GBCW89]. **Splines** [AC20, Pin19]. **Split** [Mel01]. **Splitting** [BBS15, BGN03, Ben09, Cao00b, HM04a, lLNS17, MBN17, Ral09, RP10, SB04, YLA97]. **Splittings** [Cao00a]. **Spread** [MSZ21]. **Spring** [NW02]. **Square** [DL02, DK98, Gaw19, GD22, GR93, HL08, HH94, HMMT05, LF13, Lu98b, MS91, Mat97a, Mel04, PR01, XSW10, JN89]. **Squared** [BEBT07, GN16, PP05b]. **Squares** [ABG07, Aru92, ANT09, BG11, Bar98, BBT05, BBTK08, BE10, BST16, Ben99, BN06b, BPE94, BES98, BHM00, Bj614, BV01, BHP03, BX05, BV95, CGCDM13, CNP94, CGS98, CTP09h, CGP09, CG10, CH99b, CSG03b, CK91, CHMW20, CH99, DN08, DZH03, EL07, EP94, EOS19c, FF94, FB94, For96, FS01, GS10a, GHH09, GJTP12, GTP113, Grc10, Gu98a, Gu98b, GW92, Gu95, HG18, HI10, HY91, HPS+11, HG14, HM97, HV97, IW14, INRZ21, Jan92, KS92, KLR08, KP08, KT0a, LY03, LS06, LW20a, LJW22, LPT10, Mal04, Mal03, MVP05, Mar11a, MV00, MW01, MH13b, MH15, PR06, Re91, RG05, Rod06, Rum12, Sha95, SC03, STT17, TETA05, Usc12, VIZ91, Van92, WC14, WCY15, We92, WD00, XXCB14, Yan20, ZH03, ZHY16, ZMW17, ZPY92]. **Squares** [ZF13, O’L90, Qia88, VV88, VV89, Zha95]. **Squaring** [AMH10, BBS15, FH19, Hig05]. **SR** [Hua21]. **Stability** [BBi+i16, BH90, BvdG11, BES98, Bj614, Ble21, BLO03, BX08, CLR21, CMT90, Cor93, DLM13, FML10, FJ97, FG98, GSS96, GL96, GGM10, GP18, Hig90b, Hig92, Hig97, IM94, JW03, KB93, KZ10, Kni04, KV14, LNT18, LR05, LSB16, MS99, MAi99, MMS16, MT15, MF20, NH12, OOvd98, OP05, PSE06, PAi10, PT18, RR08, RO94, RT99, SV97, SS98, Ste03, Ste16b, Tis01b, TS90, Tro90, Wat95, WRi95, XX16, YP98, Yai00, Yan98, ZFW07, BBDR95, BDV89, JH88]. **Stabilization** [DF20, HY00, MF20, Wü05]. **Stabilized** [Etn00, Le 19, LZ10, Sim97, VHK01]. **Stabilizing** [CS96b, OS09]. **Stable** [AB05, AMVW15, AMR+i18, AAKB19, Ba00a, BBV19, CM93, CS98, CGS98, Cha00, CG03b, CH99, CP20, DP07, rFO06, FGS14b, Fuh07, GNS18, Gov91a, GE94, Gu98c, GGBCC03, GP18, Hu92, JK97, JR90, LS10, LW97, LOvd02, NP20, PLM94, RR08, Sut12, TCTM00, Tro90, Vav94, XCC14, XSW10, ZS14, CJJL6b, GL03]. **Stable/Unstable** [GP18]. **Stage** [SJ92, YLA97, SB01]. **Staircase** [EEK99, EM00, SZK95]. **Start** [De97, KW92]. **State** [BH90, BH93, BGMN92, CM09, Cle00, Cor93, DMR00, DWY20, ES18, HS10, KLX04, LFW13, BHKR11, Zab89]. **State-Discretization** [DMR00]. **state-feedback** [Zab89]. **State-Space** [BH90, Cle00]. **States** [DA05, NT08]. **Stationary** [BF11, Cao08, FNS08, GV99, HM20, KS15, LF02a, Liu12, MS02, Mey94, OW96]. **Statistical** [BCR11, GKL95, GKL97, Hoo17, KLR98]. **Steady** [ES18]. **Steady-State** [ES18]. **Steepest** [KL08]. **Stencils** [He21]. **Step** [AV91, CD14, CD15, Car18, KMN11, Sf09, Sor92]. **Steps** [MV18, Sfa09]. **Stepwise** [Min00]. **Stiefel** [Bry17, LFW15, Zim17]. **Stijltes** [Bas89, FGS14a, GS21, MMS94, NV94]. **Stiffness** [GCS15]. **Stochastic** [AK90, BF11, CG98a, DMR00, ES18, EU10, Fie95, FST+i13, GDF01, HR93, MW12, PU10, PU14, Pul13, RT20, Sen98, UCS17, WSSL06, YBCZ16, Hav89]. **Stokes** [Elm97, WT11]. **Stopping**
[ADR92, Ari13, CPTP09b, EL91]. Strang [KO05]. Strassen [BPR20]. Strategies [DP05, DP07, Kon00, RE98, Ser96]. Strategy [BF05, CD14, PFRR17, Zha01].

Stratification [EEK99, EJK09, FGP00, GP98, Huh01].

Stratification-Enhanced [EEK99].

Strategies [DP05, DP07, Kon00, RE98, Ser96].

Strategy [BF05, CD14, PFRR17, Zha01].

Stratification [EEK99, EJK09, FGP00, GP98, Huh01]. Stratification-Enhanced [EEK99].

Strict [BD15, Zie95].

Strictly [GP06, MMS94, NV94].

Strong [ADMZ18, BS94b, Ger92, LP17, Yal00, BDV89].

Stronger [FJKM96].

Strongly [BS94a, Mal06, Tas15b].

Structural [ADHM19, DIKMI18, EL92].

Structure [AFPA07, BRR00, BFZ07, BR19, Bar98, BT17, BS15, Bol90, BHR10, BJMS17, CK91, CSK95, CCM22, De 94b, Di 09, DLM04, DJK17, DS18, Gil94, Ger05, GGC09, GL10, HH93, HJ90, HLQ09, HKBM08, JN21, KC94, KO05, KK17, KT10b, KS12, KLS16, LP96, LGC08, LX06, LK95, MV17, MMS16, MO97, MD03, NP96, SDJL+18, SMM20, ZZ99, ZP01, dTDM08, DS95].

Structure-Preserving [GL10, HLQ09, KK17, KS12, KLS16, LX06, MMS16, SMM20].

Structured [AA09, AK20, AC20, ADC04, ANT19, BB08, BB01, BBTK08, BE10, BST16, BM06, Bor10, BKS14, BKMS15, BK19, Bu00, BGM92, BGN12, BG15, BK06, CCGDM13, CR21, CLNW20, C21, CJ11, CB90, DV07, DV08a, DV08b, DCO99, DK06, Fuh07, GR17a, GW07, GK93, Gu98b, Gu98c, GGM017, GRK17, GL10, HHSW97, HH92, HH98, IUM14, Jv16, JK95b, KKT06, Kar10, Kar11b, Kt09, KPM09, LX09, Li99, Mac99, MTT05, MMM06a, MMT08, MDP05, MU13, MPR18, MLV00, MV21, Mur91, Mur93, NP99, OSS14, P003, RY17, RPG96, RPQ98, Rum03a, Rum03b, Rum15, SV97, Ste16b, gS98a, TH01, Tis01b, Tis03, VFGM05, Wat92b, WD95, XCC14, XXCB14, XX16, XG10, XCG10, X12, XXG12, XX17, XW07, Zhl12, vDW95, DGM06, GITM95].

Structures [BKMS14, BKMS15, D007, DV06a, DV06b, EK96, FGJ00, FHH+19, GL93, RD95, ST08, ZGP10, DB88].

Study [CG15b, Zhe96, Zhe98]. Sturm [BGH95, Mal06]. Style [Dol07].

Subadditive [ZQ10]. Subclasses [LQ16].

Subcritical [HM20]. Subdefinite [CHLS00, ND06]. Subdiagonal [GN16].

Subdivision [JZ99]. Subdivisions [GP16].

Subdominant [GN03]. Subgeometric [Mas16].

Subgraph [COP20]. Subgraphs [GP06, MMS94, NV94].

Subject [CG98b, VV89]. Sublinear [CD13].

Submatrices [JK95b, RS21, DS01].

Submultipli- cativity [JN91].

Subsampled [BG13]. Subset [AB13, CK20, CB00, DA05, Fei94, ZvSD20].

Subspace [ASVM04, AT07, ABM+17, ABMV20, AKPP08, BR05, BD09, CP03a, CFT16, DS20a, ESS+12, EN08, Ern00, FGS14a, FLS20, GGL13, G14, GPTPV16, GNM16, Gut14, HS95a, HIS18, HGL05, INR221, JK97, Jia22, KMM18, KO15, K10b, KT11, KV14, KL18, Leh01, Li98b, Ly03, MV92, MH13b, NZ16, RSH21, RSS09, RS02, Saa97, Saa16, SS19, Sai19, SS13, Sd95, Sim00, Sim16, SK16, TP14, Ver96, WY17, ZP18, vD004, Fuh88, Lag91].

Subspace-Based [AT07]. Subspaces [BD98a, BER04, BS08, BXM02, BT10b, BHM07, BK06, CGV03, DWH92, DIKMI18, DRY98, DK98, DSZ14, FB95, FMX02, HIS18, KK14, KA07, Kre05, Li93, LW97, Men12, Miy14, PLM94, RR08, Rod05, Ste16a, SL94, Tam99, WLB05, YL16].

Substochastic [Har99]. Substructures [ST08].

Substituting [EV06, PW90].

Successful [Eff13, GH92, MHG15].

Successively [JOvdD01, JOvdD04]. Such [JKM11]. Sufficient [BM00, Cor93, C92, HQ16, LS10, Mor12, MM00, Pin19, RK98, ST08, ZWF05, Gad88, Pan91].

Sum [ADHM19, BLW15, BLdP97, Her96, LPS08, OW92, WZL21]. Summations [GMN18].

Substructures [LQ16]. Subcritical [HM20]. Subdefinite [CHLS00, ND06]. Subdiagonal [GN16]. Subdivision [JZ99]. Subdivisions [GP16]. Subdominant [GN03]. Subgeometric [Mas16]. Subgraph [COP20]. Subgraphs [GP06, MMS94, NV94]. Subject [CG98b, VV89]. Sublinear [CD13]. Submatrices [JK95b, RS21, DS01]. Submultipli- cativity [JN91]. Subsampled [BG13]. Subset [AB13, CK20, CB00, DA05, Fei94, ZvSD20]. Subspace [ASVM04, AT07, ABM+17, ABMV20, AKPP08, BR05, BD09, CP03a, CFT16, DS20a, ESS+12, EN08, Ern00, FGS14a, FLS20, GGL13, G14, GPTPV16, GNM16, Gut14, HS95a, HIS18, HGL05, INR221, JK97, Jia22, KMM18, KO15, K10b, KT11, KV14, KL18, Leh01, Li98b, Ly03, MV92, MH13b, NZ16, RSH21, RSS09, RS02, Saa97, Saa16, SS19, Sai19, SS13, Sd95, Sim00, Sim16, SK16, TP14, Ver96, WY17, ZP18, vD004, Fuh88, Lag91]. Subspace-Based [AT07]. Subspaces [BD98a, BER04, BS08, BXM02, BT10b, BHM07, BK06, CGV03, DWH92, DIKMI18, DRY98, DK98, DSZ14, FB95, FMX02, HIS18, KK14, KA07, Kre05, Li93, LW97, Men12, Miy14, PLM94, RR08, Rod05, Ste16a, SL94, Tam99, WLB05, YL16]. Substochastic [Har99]. Substructures [ST08]. Substituting [EV06, PW90]. Successful [Eff13, GH92, MHG15]. Successively [JOvdD01, JOvdD04]. Such [JKM11]. Sufficient [BM00, Cor93, C92, HQ16, LS10, Mor12, MM00, Pin19, RK98, ST08, ZWF05, Gad88, Pan91]. Sum [ADHM19, BLW15, BLdP97, Her96, LPS08, OW92, WZL21]. Summations [GMN18].
Sums
[FF99, FHS94, GTJ13, HS00, MW01].
Superdiagonal [Tam98].
Superfast
[AG88a, CGS99, FLM12, Ste03, VHK01, XCC14, XCG10, XXG12].
Superlinear
[CT99, CP03b].
Supernodes
[DGL99, DEG99].
Support
[BGH06, BH03, BGH07, SW97].
Support-Graph
[BGH06].
Supports
[RS21].
Suprema
[AMT90].
Surfaces
[Nie10].
SVD
[BYDW18, CS09, DP09, DM04, DV08c, DV08d, GSV00, GL05, GE95a, GCC18, IO16, LGC14, MVV93, OYBV19, Par05, VLGW06, Xu05, Z99].
SVD-Based
[GCC18].
SVD-like
[Xu05].
SVDs
[CF02, Koe05, ZZ01].
Swarztrauber
[Tsa94].
Symbol
[BGK18, BDFF22, GSCS15].
Symbol-Based
[BDFF22].
Symmetric
[ALN07, Fit19, Le99].
Symmetrization
[ALN07, Fit19, Le 19].
Symmetrized
[DD98, FFH19, Pes19].
Symmetry
[CCL09, EL92, HM04a, KRU14, SS06, Ste11a].
SYMLQ
[EOS19a].
Symplectic
[BF00, DJ09, Fio11, GS06, GL14, JTZ20, KS12, KLS16, LW97, SAGS21, SMM20, Xu05, Meh88].
Synchronizing
[GGJ18].
System
[AB16a, BFZ07, DH93, DK05, DJ17, FPST13, FGL21, FL99, JW11, KPC94, LSM22, LV10, MR97, PGVR98, RBB90, WCM10, Wri97].
System-Theoretic
[LSM22].
Systematic
[QCT16].
Symmetric
[AM95, ADC04, AK90, BGN03, BBR00, Bar08, BSFM10, BEBT07, BB96, BM99, BDFF22, BG94, Bor03, BF05, BLNT13, BW97, GGMN92, BCW12, CT91, CP03a, Cao08, CP03b, CPS00, CI95b, CS98, CG03b, CGS08, CESC20, CCZ17, CNW08, CCH98, CH06, CFC07, CT08, CK00, CHM20, Cor93, CG96, GMGR00, DTVG05, DL03, DGS06, DRV21, DS16, DSZ14, DP07, ENV92, EGTP17, E12, EG00, EG15, EL91, FLM10, FLM12, FXG18, FL19, FG15, FJ97, FV98, FNS08, FKLR13, GV04, GL03, Ger92, GMP92].
Systems [IKSG10, JC22, Jou92, KGW00, KC09, KS08, KT10b, KT11, KLX04, Lan07, LW02a, LWXZ06, LM90, LSN22, ILNS17, LNT18, LW20b, LEMCD19, LMC22, Lu94, Lu95, Lu96, Lu98a, LH05, LT94b, MNR18, MV02, MV07a, MV07b, Mat92, Mee03, MB10, MMS16, MMO1, MV20, MV21, Mel01, Men08, Men12, MG10, MJM11, MF20, Mim15, MO20, Mor00, MR18, NRT92b, NP02, NY95, Not16, Not19, NV02, OS10, PAP00, PS05, PJM21, PR16, PV17, Pop12, Pop15, PU10, QCCT17, RT93, RE13, RD95, Ry05, RT20, RK95, Roh3, Rum12, STvD17, Ser96, SSV, SvdVM00, ST14, gSS97, gS98a,_SZK95, SJ92, TMV18, TV09, VHK01, VD21, VKDD21, Var94, Ver96, Wal95, Wei95, XCG10, XG12, XW07, YP98, Yan93, ZvSD20, Zen19, ZXS21, dKV10, vdES04, vdWM95].

Systolic [MVV93].

T [Zha95]. T. [JWX03, KO05]. Tailored [LSM22]. Tails [AW05, ES05]. Takagi [XQ08].

Tensor [GT02]. Tangential [DSZ14, GVVO4]. Task [ADV05]. Taylor [SGX14].

Technique [BJM05, CM92a, HM20, Hav89].

Techniques [DMP96, FSS21, JX20, JOAK10, LS96, PS08, BK89]. Telescopes [Bar08].

Tensor [AJRS13, BLW15, BYDW18, BBK18, BBV19, BG19b, BLNT13, CS99, CHZ16, CLL20, CJ21, CLGM08, CDH12, De 08a, De 08b, DN08, DCM08, De 11, DW15, DK13, DD20, DD21, DIS15, ES09, ES11, EDK16, ED22, FHLS13, GQ14, GCC18, HK08, INRZ21, JK10, JXZ16, JX20, KS15, KL10, Kol01, Kol03, KM11, KM14, Krä19, KT10b, KT11, LC15b, LC16, Li16, LUC18, LGL16, LRSV13, MMD08, MV08, MV19, MK20, MH17, MBB08, NQZ10, NW14, Nie17, NY19, NY20, Ose10, Qi11, QXX14, QCL16, QCBB21, RV12, Rout02a, Rout02b, SK20, SD19, Ste10a, Ste11a, SL12, Ste13, Vsc12, VD21, VKDD21, WCY15, Yan20, ZN21, ZLQ12, dSL08].

Tensor-Based [MMD08]. Tensor-CUR [MMD08]. Tensor-Product [HK08].

Tensor-Structured [CJ21]. Tensor-Train [LRVS13].

Tensors [Ano11, Asw16, AB19b, BB08, BBHT20, BPR20, CPZ11, CWH20, CS09, CK12, CO12, COV14, COV17, CGMZ21, CLGM08, CDN14, CLN14, DDV00b, DL17a, DD13a, DD13b, DD14, DSD17, Fri16, GTH19b, Gra10, GC19, HST19, IAV11, IAV13, JWN18, KBHH13, KR02, KK17, LNS18, LRSV13, LQ16, MH15, NQ14, PSS19, QXX14, QCBB21, Roh16, Sai16, ST21, S1Q3, SD15b, VNM01, WC14, YY10, YY11, ZG01, ZQ14, ZQH16].

Term [BLAK91, ES99+12, GR00, VKDD21, ZZ99b, GS00b].

Terms [BLW15, De 08a, De 08b, DN08, De 11, DD20, SD15a, SDD15, Ste10a, Ste12]. Test [OP05, vDSM05, Stu89]. Tests [MH13a].

Text [HJP03]. th

Their [Bar19, Bezi12, CZZ97, CM03, DL17a, EK96, HL13, JZL16, KMS01, KMS03, Lew91, LF02b, NP99, RS96, S103, SX11, Ti91, AD21, HM89, HMT09, JN98, MV98, TFL11].

Theorem [AMS07, ADHM19, CLN14, GTH19a, GTH19b, HS95b, JDS03, Kol03, Kra95, KH13, Lew99, LM98b, Lin11, May12, MSV19, TT99, YY10, YY11, Zhe96, Zhe98, IM95, Ti93].

Theorems [BH13, wC03, CK00]. Theoretic [FV98, LSM22, vdWM95, Pea88].

Theoretical [Jia22, KBHH13, Mei04].

Theory [ABK11, AH16, AHN21, BL12, BKS08, BBGF00, BH03, BGH07, BM06].
Thick [WS00].

Third-Restart [WS00].

Third-Order [DD13a, DD13b, DD14, KBHH13, LGL16, QCBZ21, SD15b].

Thomas [PS04].

Three [BLAK91, BPR20, CHH+15, Cho10, DPP13, EI98, GV99, Gre99, GMBS12, GS00b, GR00, Hig92, HHLW13, LRA93, LXSdh20, OST08, RHE14, Sa10, Ste13, ZZ98b].

Three-Dimensional [CHH+15, GV99, Gre99, HHLW13, LXSdh20, OST08].

Three-Term [BLAK91, GR00, ZZ98b, GS00b].

Three-Way [Cho10, GMBS12, LRA93, Sa10, Ste13, BPR20].

Threshold [DT11, Sou19].

Tikhonov [GHO99, GW00, Mal03, NN92, HH94, HR00, HR04, Huc92, HSC04, Ito96, Jv16, JR88, KC94, KN00, KN91, KL18, KK93b, KK93a, LS04, LSdH20, OST08, Per91, PW15, Pes19, RS92, Rod06, Ros95, SK95, Ser98, She03, Ste03, SH93, Swe93, Tre88a, Tre88b, Tre90, Tre94, VHK01, Var94, Vec03, VJ07, XXCB14, XG12, ZZTA02].

Toda-Type [DRTW91].

Toda-Type- [BD90, BM99, BLAK91, BBDS95, BDFF22, BK95, BGKS99, BET02, BV07, BBM21, BGN12, Cap98, Cha89, CH92, CNP94, CPS00, CS98, CGS+08, CESC20, CNW08, CE94, DG91b, DG91c, DD10, DLM04, DK08a, FKKL96, FLM10, FLM12, FFH+19, FSZ14, Fri92, GXX94, GP03, HM94, HY00, HH94, HR00, HR04, Huc92, HSC04, Ito96, Jv16, JR88, KC94, KN00, KN91, KL18, KK93b, KK93a, LS04, LSdH20, OST08, Per91, PW15, Pes19, RS92, Rod06, Ros95, SK95, Ser98, She03, Ste03, SH93, Swe93, Tre88a, Tre88b, Tre90, Tre94, VHK01, Var94, Vec03, VJ07, XXCB14, XG12, ZZTA02].

Toda-Type-Block [KC94].

Toda-Type-Derived [KC94].

Toda-Type-Related [BLAK91, BPR20, CHH+15, GV99, Gre99, HHLW13, LXSdh20, OST08].

Toda-Type/Hankel [MVP05].

Tolerance [BBGL92].

Tomographic [HKBM08].

Tomography [Sal88].

Torus [Tho94].

Total [Aru92, BG11, BDSC11, BBT05, BBT06, BBT08, BE10, BST16, BHM00, FF94, GP93, HGO99, GTP13, HPS+11, LJW22, LPT10, MVP05, MLV00, PO03, RS06, RO05, RPG96, RPG98, VZ91, Van92, Wei92, ZMW17, VV88, VV89].

Totally [CRU10, DK05, FJ00, FGJ06, GT04, HC15, Koe05, Koe07, Peñ08, ZY93].

Tournament [FL02].

Trace [BK21, FSS21, LW15, NBS10, SAGS21, WZ95, Wat92a, WZL21, Ber88].

Trace-Sum [WZL21].

Traces [OR93].

Tracking [FL19, MV92].

Tractable [LQ16].

Train [KR+91, LC15b, LC16, LRSV13].

Trains [HLQ09].

Transfer [Bar94, FN04].

Transform [BF93, BK95, BG13, DL17a, For03, HR00, KO05, Kuz15, SB03].

Transformation [CCJ+00, CG15a, Le 19, MA99, XE12].

Transformations [Dub00, IIM94, IT18, LM98a, ST16b, Uhl18, WL12].
Transforms [BD95, SKP11, Tur97, RS88].
Transient [EK17]. Transients [O’C02].
Transition [DRSZ07, EHW10, JJ03, LFW13, Spe98].
Transitions [DJK17, EK96]. Transmission [LF02b, Wat95]. Traveling [JNP21].
Traveling-Salesman-Problem [JNP21]. Tree [GG03, MSZ03, dF05, Liu88].
Triadic [rFO06]. Triangle [ZQ10]. Triangular [ABL94, BMF05, BCN95, BKK18, FSZ14, HY01, JTT20, LM02, MV02, Nav93, OST09, PK93, PK94, Pes14, RW95, SHZ12, Vec03, VP93, VT98, vD99, CH88, KP92, Naz89]. Triangularizable [Mae98]. Triangularization [SS98]. Triangularizations [IIM94]. Triangularizing [TZ13]. Tricyclic [DL92].
Tridiagonal [BO96, BOCL97, BGT05b, BD98b, Bom00, BG94, CESC20, CM03, CW96, DG91b, DG91c, DRSZ07, Dhi98, DL92, ES08, rFO06, Fer97, Fer98, Gei91, GITT96, GKL18, Har05, Hig90a, HO92, HHH12, LS04, Meu92, Nab99, Par92, PL93, PDF16, Per91, Ple06, Tis04, VGV09, VH16, Wal95, Wil08, YP98, GE95b, Ts394]. Tridiagonal-Diagonal [Tis04]. Tridiagonality [Bom00].
Uniformly [CRS99, CRS01, DTGLV05]. Unifying [GTH19b, VD21, VKDD21]. Unimodular [AKP08, IT18, BV88]. Unipathic [MNST96]. Uniqueness [BB95, De08b, DD13a, DD13b, DL15, DD20, FMX02, GMBS12, Her96, JK15, KK21, Mor12, SC10, SD15a, SD15b, SaD10, Ste10a, Ste11a, SL12]. Unit [Baz00, CDLP05, Guo98, JTZ20, Pai09]. Uniqueness [CT93, Whi00]. Unlifted [BL21]. Unrestricted [MT89]. Unstable [GP18, LOvdD02]. Unstructured [DFT92, Rum15]. Unsymmetric [AM95, ALP07, DD97, EL92, EL05, EL08, EL91, GL93, Gup02, Gut92, Gut94, Jia95, KU13, RSM06, DY90]. Unsymmetric-Pattern [DD97]. Unsymmetrized [AP02]. Unwinding [AH14]. Update [Bar93a, CFG98, ES92, GGL04, XCC14]. Updates [BKS18, BV00, EMC17, GR17b, LG121, MSS9, SB02, ZPW18]. Updating [CCL09, EGK91, IK06, Kon00, LM06a, LL90, LZ05a, MT10, MV92, MV93, Naz89, Ste93b, SV00, Sun95a, VS14, BK89]. Upper [AW05, BC95, FG94, Lee95, Nab00, WD00]. URV [PE95]. Use [Ari00, BD95, DK90, EJ09, GW00, Swe93]. Useful [Pai09]. User [GL99]. Using [AS03, ADLK01, ALP07, AN09, ACW17, AB09, BD98a, BKS08, B199, BBGL92, BEGM05, BCW12, CCB+20, DIS15, Fos03, FSV14, GL18, Gmi95, He21, JMM14, LC16, LM98a, LX5dh20, LE02, Mac99, MSKC21, Nov11, Ose10, PYYHK93, PP05a, PO03, RE13, SCBC21, SK20, SS17, TV09, WLV06, XK94, AL98b, HRSS88, OL90, Zab89]. USSOR [Nov96]. Uzawa [LZ10]. V [ADC04]. V-cycle [ADC04]. Validated [KT09]. Validation [BG19a, EMC17, GBCW89]. Value [ASA04, AMMS08, AGQS22, ABN09, BB08, BES15, Bar02, BM19, BGT14, CE12, CL09, CH1+15, CFG97, CDD00, DD00a, DG91a, DV92a, De94b, DD98, Dem99, DJ00, Drm00a, FL99, Fri05, GNN18, Gra10, GE95c, GGO13, HJP03, JS94, JN03, JN91, Kar11a, Li98a, LS07, MV92, MHH94, O’N05, PS94, PP05a, Rog05, SCBG05, SS06, gS00a, TM12, wV9jBq11, WA07, W92b, YB91, Zha91, JN98, WE89]. Valued [ALAK94, CP03c, Cla10, GdL08, JW11, JLZ16, Kra95, KH13, Mat93a, QT15, QT16, Sid95]. Values [AKPP08, BGV10, BT17, BK90, C95a, DP09, DDS17, Fer98, GRK17, HHSW97, HDT10, H900, HC15, JN93, Kar11a, Kit95, KA07, KMS01, KMS03, K&919, LC15b, LO20, Li93, LM02, LM18, MSZ20, MSZ21, RW95, Si03, Tam98, Wu17, Wu15, XPL+18, XNB22, Zha97, Zha00, ZQ10, Bap89]. Vandermonde [ASA04, AK21, Baz00, BEG+09, Bez12, DK05, FH93, Hig90b, KS03, KRS19, Li06, Lu94, Lu95, Lu96, Lu98a, Pan16, Rei91, gS98a, ZZ98b]. Vandermonde-Like [KRS19, ZZ98b, Hig90b, Lu96, Rei91]. Vanishing [Hel95]. Variable [AV91, BMS06, GW07, Gre99, HZ01, KL08, LZ10, NY95, P€al11, DGI06, MH95]. Variable-Step [AV91]. Variables [Am17, BI99, CGGS99, CGS01, CH93b, Hel00, MT89]. Variant [AG91a, MT89]. Variants [CLR21, GOV19, GTI11, KK07, RT99, ZZLY02]. variate [GSCS15]. Variation [BDSC11, BM94, MSZ21]. Variational [Auc89, CFG97, CF02].


Xu [KZ10].

Young [HN90, Kol03, Lin11, VNVM14].


References

Adhikari:2009:SBE

Alam:2019:SAN

Ahmad:2010:PCP

Aurentz:2019:SCG

Arioli:2001:BEA

Alam:2005:SEM

Avron:2013:FSS


Andersen:2020:SSR


Andrew:1993:DEE


Avron:2009:CPS


Avron:2017:FKR


Arnold:1998:SIE


Arbenz:2002:PSM


Arrigo:2021:MLF

REFERENCES


Amparan:2018:SLR

Andersson:1997:CPP

Andreotti:2019:CGP

Arsigny:2007:GMN

Afsari:2008:SAP
Bijan Afsari. Sensitivity analysis for the problem of matrix joint diagonalization. *SIAM
Ammar:1988:SSR

Ammar:1991:VGS

Ammar:1991:RAC

Arbenz:1988:SDH

Arbenz:1992:LAS

Artzrouni:2000:NMI

AlDaas:2019:CEL
REFERENCES

66–91, ????, 2019. CODEN SJMAEL. ISSN 0895-4798 (print), 1095-7162 (electronic). [AGQS22]


[AH16] Mary Aprahamian and Nicholas J. Higham. Matrix inverse

### Avrachenkov:2001:IAM


### Ainsleight:2017:MCM


### Allman:2013:TRI


### Arun:1990:BAS

Allen:2020:SIB

Allen:2021:SIB

Alefeld:1997:SSP

Atreas:2008:CSU

Argentati:2008:BCR

Agrachev:2020:CPB

Axelsson:1995:EEB
O. Axelsson and H. Lu. On eigenvalue estimates for block incomplete factorization meth-


Altenberg:2013:OSR


Alefeld:1995:SUS


Arndt:2005:NCS


Alefeld:2009:NCF


Al-Mohy:2009:CFD


Al-Mohy:2010:NSS


Al-Mohy:2022:APA

REFERENCES


Anonymous:2011:EPC

Anonymous. Erratum: “Prim-
itivity, the Convergence of the
NQZ Method, and the
Largest Eigenvalue for Non-
negative Tensors” (SIAM J.
on Matrix Analysis and Appli-
CODEN SJMAEL. ISSN 0895-
4798 (print), 1095-7162 (elec-

Avron:2009:UPF

Haim Avron, Esmond Ng, and
Sivan Toledo. Using perturbed
QR factorizations to solve linear least-squares prob-
lems. SIAM Journal on Matrix
Analysis and Applications, 31
(2):574–593, ????, 2009. CO-
DEN SJMAEL. ISSN 0895-
4798 (print), 1095-7162 (elec-
tronic).

Arslan:2019:SCN

Bahar Arslan, Vanni Noferini,
and Françoise Tisseur. The
structured condition number of
a differentiable map between
matrix manifolds, with appli-
cations. SIAM Journal on Ma-
trix Analysis and Applications,
40(2):774–799, ????, 2019. CO-
DEN SJMAEL. ISSN 0895-
4798 (print), 1095-7162 (elec-
tronic).

Arun:1993:CHL

Constructive heuristics and
lower bounds for graph parti-
tioning based on a principal-
components approximation.
SIAM Journal on Matrix Anal-
ysis and Applications, 14(4):
991–1015, October 1993. CO-
DEN SJMAEL. ISSN 0895-
4798 (print), 1095-7162 (elec-
tronic).


[ASA04] Raghib Abu-Saris and Wajdi Ahmad. Generalized ex-


Auchmuty:1989:VPE


Auchmuty:1991:GRC


Aujla:2000:SNI


Axelsson:1991:BBG


Anstreicher:2000:LRQ


Azaïs:2005:ULB


Anderson:2010:EDC

Axelsson:1992:BEP


Au-Yeung:2004:ULM


Bai:1999:CMM


Bai:2005:IEC

[Bai05] Zheng-Jian Bai. The inverse eigenproblem of centrosymmetric matrices with a sub-


Bouchard:2020:AJD


Bapat:1989:MSV


Barnett:1989:LAN

Barlow:1993:EAU


Barlow:1993:EBC


Barnett:1994:RTF


Barrlund:1998:ESC


Barlow:2000:SCF


Barrlund:2000:RDM


Barlow:2002:MAB

REFERENCES

Bardsley:2008:WRM

Barlow:2019:BMG

Basu:1989:PAM

Bazan:2000:CRV

Balakrishnan:1995:EUO

Bhat:1996:SOS

Bezerra:1998:ELG
REFERENCES


[B14]


Braman:2002:MAPb


Bader:2015:SSS


Beck:2005:GSS


Beck:2008:FMF

Beck:2006:FGO


Beltran:2019:PBA


Bolzern:1988:PLE


Bru:1995:MPB

REFERENCES


Bohner:1998:PBT


Bhatia:2005:GLE


Bosner:2009:SGR


Boito:2010:CMS


Bru:2010:GMP


Batselier:2013:GMP


Batselier:2014:CDN

Baechler:2020:CDM


Bueno:2017:LHM


Bolten:2022:SBA


Bevilacqua:2015:CBE


Bueno:2017:LHM


Batenkov:2020:CPN


Ballard:2011:MCN

Grey Ballard, James Demmel, Olga Holtz, and Oded Schwartz. Minimizing communication in numerical linear al-
REFERENCES


REFERENCES


Beck:2007:MSE

Bella:2009:FBP

Bini:2007:FEA

Boutry:2005:GEP

Benbow:1999:SGL

Benzi:2009:GHS

Bernstein:1988:ITM
Dennis S. Bernstein. Inequalities for the trace of matrix exponentials. *SIAM Journal on
REFERENCES

Beattie:2004:CRK

Bereux:2009:CIC

Bjorck:1998:SCG

Barlow:2005:AAR

Baker:2015:FSV

Bottcher:2002:PCT
REFERENCES


[BF11] André M. S. Barreto and Marcelo D. Fragoso. Com-


REFERENCES


REFERENCES


[URL http://epubs.siam.org/sam-bin/dbq/article/42978].


REFERENCES


REFERENCES

Byers:1997:MSF


Bjorck:2000:MLS


Bojanczyk:2003:SIL


Borsdorf:2010:CNC


Ben-Israel:1999:CVF


Binding:1990:SDS


Bini:2008:FN

REFERENCES

2008. CODEN SJMAEL. ISSN 0895-4798 (print), 1095-7162 (electronic).


REFERENCES

733–775, ????. 2017. CODEN SJMAEL. ISSN 0895-4798 (print), 1095-7162 (electronic).


REFERENCES


Bekas:2008:CLI


Beckermann:2018:LRU


Beckermann:2000:FFC


Beckermann:2000:FFC

Beardmore:2002:FDN


Boulton:2010:SDM

Lyonell Boulton and Peter Lancaster. Schur decompositions of a matrix and the boundary of its pseudospectrum. *SIAM Journal on Ma-
REFERENCES


[Ble21] Jan Blechta. Stability of linear GMRES convergence with respect to compact perturbations. SIAM Journal on Mat-

Bistritz:1991:ITT

Bebiano:1993:SRN

Bebiano:1997:DSS

Bahmani:2021:LRM

Blechta:2021:SLG
Jan Blechta. Stability of linear GMRES convergence with respect to compact perturbations. SIAM Journal on Ma-
REFERENCES


Kim Batselier, Haotian Liu, and Ngai Wong. A constructive algorithm for decompos-
REFERENCES


**Butler:1988:NSO**


**Bhatia:1994:VUP**


**Bini:1999:EMS**


**Barth:2000:MRC**


**Brunat:2001:PCD**

<table>
<thead>
<tr>
<th>Reference</th>
<th>Description</th>
</tr>
</thead>
</table>
Barlow:1992:CMS


[BM092]

Britz:2004:MSA


[BM0vdD04]

Brust:2020:CED


[BMP20]

Brezinski:1994:RBM


[BMRZ94]

Bjorstad:1992:EMM


[BMSV92]

Bru:1994:ASI


[BMU94]
REFERENCES

Beckermann:2018:EAM


Bustamante:2020:SPS


Byers:1987:SVL


Bolz:1988:EMF


Benzi:2006:PIM


Blondel:2005:CEA


Bardsley:2006:CPI

REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


[BS05] Zhaojun Bai and Yangfeng Su. SOAR: a second-order

**References**


**Bonnabel:2010:RMG**


**Benzi:2015:DBF**


**Bora:2016:DPH**


**Bargiacchi-Soula:2010:LN**


**Bandeira:2013:CIG**


**Beck:2016:ASM**

[BSU15] Immanuel M. Bomze, Werner Schachinger, and Reinhard


REFERENCES


REFERENCES

Barlow:1990:IMO


Barlow:1992:RDM


Bultheel:1995:VOP


Bernstein:2000:RMF


Bobrovnikova:2001:ASW


Bottcher:2007:NTM


Breiding:2018:CNJ

Paul Breiding and Nick Vannieuwenhoven. The condition

Bientinesi:2011:GOM


Bolshakov:1997:EIF


Brown:1997:GNS


Botta:1999:MRI

REFERENCES


Bai:2007:SLH


Cao:2000:CNI


Cao:2002:NCP


Capizzano:1998:TPC

Stefano Serra Capizzano.
REFERENCES


REFERENCES

October 1992. CODEN SJMAEL. ISSN 0895-4798 (print), 1095-7162 (electronic).

Cheung:2009:CCN


Chung:2017:ORI


Cambier:2020:ASN


Chiang:2009:CAD


Chu:1998:RSS


Castillo:2000:OBP


Chu:2009:QMU

Delin Chu, Moody Chu, and


Carson:2014:RRS


Carson:2015:ASL


Chen:2017:CAM


Chu:2000:CRS


Chandrasekaran:2005:SFA


Chandrasekaran:2007:FSH


Chandrasekaran:2010:NRD

S. Chandrasekaran, P. Dewilde, M. Gu, and N. Somasunderam. On the numerical rank of the off-diagonal blocks of Schur


[Censor:2002:BIA] Yair Censor and Tommy Elfving. Block-iterative algo-

**Carden:2012:RVL**


**Chen:2020:MMN**


**Chu:1997:VFG**

REFERENCES

Chu:1998:RMS


Charles:2013:NEH


Chu:2007:PGD


Chen:2017:PRL


Carlberg:2016:KSR


Chu:1990:SOD


Chan:1992:RBO

REFERENCES


Cullum:1996:RBG


Chu:1998:NMI


Chu:1998:LSA


Castillo:2003:MAA


Chandrasekaran:2003:FSA


Chu:2006:GEP

REFERENCES

Chang:2010:SEC

Choi:2015:AFS

Choi:2015:RMS

Crouzeix:2019:SSN

Castro-Gonzalez:2013:ASS

Chandrasekaran:1998:PEP

Chandrasekaran:1999:EAB
Chu:2011:CAS


Campos:2007:PBD


Constantine:2010:SMP


Caldwell:2018:SEC


Comon:2008:STS


Carvalho:2011:FGC


Christandl:2021:BRN

M. Christandl, F. Gesmundo, M. Michałek, and J. Zuid-
REFERENCES


6. Cliffe:20194:EBM

Chandrasekaran:2008:SAT


Chandrasekaran:2001:DBE


Chahlaoui:2003:RCD


Choudhury:1988:AST


Chan:1992:LAL


Chan:1993:ELA


Chatterjee:1993:NEM

[CH93b] Samprit Chatterjee and Glenn Heller. The numerical effect of measurement error in the explanatory variables on the ob-

**Chen:1993:NIP**


**Colella:1994:CSF**


**Collins:1997:ESL**


**Cheng:1998:MCA**


**Cox:1999:RWB**


**Chu:2006:MPA**

REFERENCES


Ciarlet:2003:SOG


Chen:2016:CTE


Chandrasekaran:1994:RRF


Chandrasekaran:1995:AAC


Chandrasekaran:1995:SSC


Cifuentes:2021:CRC


Chen:2021:TSS

Ke Chen and Ruhui Jin. Tensor-structured sketching for constrained least squares.
REFERENCES


REFERENCES

Chu:2004:IQE


Cances:2021:CAD


Cortinovis:2022:DCM


Cvetkovic:2011:ELR


Calvetti:2005:QRB


Canto:2008:FNT


Chan:1999:IIL

[CL99] Onn Chan and T. K. Lam. Immanant inequalities for Lapla-


REFERENCES

**Cui:2014:BNT**

**Chen:2020:SRS**

**Carson:2021:SBV**

**Chu:1988:HMG**

**Cox:1992:BEA**

**Chan:1992:IPT**

**Cox:1992:BEA**
REFERENCES

ISSN 0895-4798 (print), 1095-7162 (electronic).


[CM93]


[Clary:2003:SFM]

[CM03]


[Chen:2003:MFB]


[Camps:2019:RM]


[Chan:1994:CPT]


[Ching:2008:BDS]
REFERENCES

Chaisuriya:1999:ASA

Chiantini:2012:GIT

Chen:2020:BSR

Chiantini:2014:AGL

Chiantini:2017:ECS

Chang:1998:PAC
Cao:2003:SEE


Capizzano:2003:SPF


Chu:2003:RVL


Cvetoovic:2020:MAS


Chang:1997:PAF


Chan:2000:PNH

REFERENCES


See minor correction to authors' address [Ano11].
REFERENCES


**Cristi:1988:PPA**


**Crouzeix:2016:SCR**


**Cohen:1999:PUC**


**Cohen:2001:EPU**


**Chen:2021:FAG**

REFERENCES

Chen:1989:MDM


Cardoso:1996:JAS


Chandrasekaran:1996:SGS


Crouzeix:1996:GMA


Chen:2009:TSO

Chang:2010:RPB


Chun:2010:CCM


Chu:2021:ARN


Constantinescu:1995:DSC


Cai:2015:MPS


Cover:1988:DII


Campbell:1991:OLT

REFERENCES


REFERENCES

450, ???? 2018. CODEN SJMAEL. ISSN 0895-4798 (print), 1095-7162 (electronic).


REFERENCES

Dax:2008:ODM


Day:1997:EIN


DeBrunner:1988:SAD


Das:2020:NMP


dAspremont:2008:FOM


Dai:2015:SCN


DeLathauwer:2008:SIT

REFERENCES


REFERENCES

4798 (print), 1095-7162 (electronic).


**DeLathauwer:2000:MSV**

**DeLathauwer:2000:BRR**

**DeLathauwer:2004:CCD**
REFERENCES


[De 08a] Lieven De Lathauwer. Decompositions of a higher-order
REFERENCES


[DeLathauwer:2008:DHOOb]


[DeLathauwer:2011:BSE]


[DeTeran:2018:GDS]


[Dieci:1999:SDM]


[Demmel:1999:SAS]


[DelCorso:1997:EEP]


[DaF05] daFonseca:2005:IPH


[DFT92] DFT92


[DGF20] DGF20


[DGF20] DGF20

REFERENCES


REFERENCES


REFERENCES


Dhillon:1998:RCC


Dolz:2019:BAH


Dhillon:2005:GFA


Davies:2001:ACM


Dongarra:1992:NCC


Deng:2003:LSS


REFERENCES


Diaz:2000:IMC


Duff:2001:APL


Demmel:2005:AES


Dopico:2006:ASR


Duits:2008:EPL


Dumitriu:2008:DEE


Dolgov:2013:TLQ

Sergey Dolgov and Boris Khoromskij. Two-level QTT–Tucker format for optimized
REFERENCES

Dmytryshyn:2014:OCH


Dmytryshyn:2015:CST


deKerchove:2010:IFR


Dodson:1992:TTE


DelBuono:2002:GIM


Dieci:2003:LES


Domanov:2015:GUC

Ignat Domanov and Lieven De Lathauwer. Generic uniqueness conditions for the canonical polyadic decomposition and INDSCAL. *SIAM Journal on
REFERENCES


Diaz:2017:DFT


Dutta:2017:PWL


Dendievel:2022:SPM


Diele:2004:SIE


Du:2013:SRS


Drusvyatskiy:2015:CRC


Dopico:2004:NMB

Froilán M. Dopico and Julio Moro. A note on multiplica-


REFERENCES

Dopico:2005:PTF

Dharmawansa:2013:DDR

Goulart:2014:ASC

Dieci:1996:CTR

Dopico:2003:OHR

Drineas:2008:REM

Dieci:1996:CTR
<table>
<thead>
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<th>Reference</th>
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Drmac:1994:PCF


Dieci:2000:CPA


Dhillon:2004:OER


Duff:2005:SSP


Duff:2007:TSM


Dieci:2009:TPS


Delgado:2010:OCB

REFERENCES

Delgado:2015:ACC


Dieci:2013:ACP


Dayar:2002:QBD


Desai:1993:CRM


Drissi:2006:SIS


Drmac:1996:CBJ


Drmac:2000:NAA


REFERENCES


REFERENCES


Erhel:2000:ACG


Estrin:2015:NSP


Elsworth:2020:BRA


Elhay:1999:SEE


Elhay:1991:UDO


Eisenstat:2017:SCR


Eirola:2004:SML


**Evans:1991:NSC**


**Eisenstat:1992:ESS**


**ElGhaoui:1997:RSL**


**Eisenstat:2005:TET**


**Eisenstat:2008:AAE**


**Elman:1997:PEP**


**Eltinge:1992:ECP**

John L. Eltinge. Exponential convergence properties of autocovariance matrix inverses


REFERENCES


REFERENCES


REFERENCES


REFERENCES


[FFH19] Paola Ferrari, Isabella Furci, Sean Hon, Mohammad Ayman Mursaleen, and Stefano Serra-Capizzano. The eigenvalue distribution of special 2-by-2 block matrix-sequences with applications to the case


**[FGJ00] Fallat:2000:SSI**


**[FGP00] Ferrer:2000:RBK**

REFERENCES


REFERENCES


Feitzinger:2009:IKN


Fasi:2018:CGW


Fiedler:1995:SCG


Fierro:1996:PM


Fiedler:2000:SUM


Fiori:2011:SMD


Furtado:2001:PRM

REFERENCES


REFERENCES

Freitas:1999:OVS


Fan:2002:AME


Feppon:2018:GAD


Feppon:2019:EGD


Favati:2010:SLA


Favati:2012:DCA


Frommer:2020:BKS

REFERENCES

Frommer:2017:RLM

Faber:2010:CPM

Faber:2013:PWC

Fan:2004:NSS

Fiedler:1988:RHP

Forsgren:1993:NML

Frommer:1993:NCG
REFERENCES

Franceschini:2018:RMA


Fenu:2013:BGA


Floater:2021:BLR


Frelling:2002:EUP


Forster:2004:CBR


Frommer:2008:CSI


Fraikin:2008:OCB

Catherine Fraikin, Yurii Nesterov, and Paul Van Dooren. Optimizing the coupling between two isometric projections of matrices. *SIAM
REFERENCES


Forsgren:1996:LLS


Ford:2003:IDW


Ferrer:1998:GBS


Foster:1994:GEP


Foster:2003:SRD


Foucart:2018:CMI


Ferrer:1998:GBS

[FP16] Massimo Franchi and Paolo Paruolo. Inverting a matrix function around a singularity via local rank factorization.
REFERENCES


**Farrell:2017:POK**


**Ferreira:2020:EWM**


**Fazel:2013:HMR**


**Friedland:1992:IEP**


**Friedland:2002:NMC**


**Friedland:2005:NAG**


**Friedland:2016:RSR**

REFERENCES

Frommer:1997:URT

Forsgren:2001:WLL

Freitag:2010:SIA

[FS10]
[FS97]
[FS01]
[FS14]
[FS21]

Fishkind:2013:CAS

Freitag:2014:CNU
REFERENCES


Xu:1996:JMI

Feng:2018:RCP

Fan:2016:CMA

Ghosh:2018:SBP

Gugercin:2008:MRL

Garloff:1990:BMS

Garloff:2009:IGE
Jürgen Garloff. Interval Gaussian elimination with pivot tightening. *SIAM Journal on
REFERENCES


Gawlik:2019:ZIM


Gu:1989:CGC


Guan:2019:NCO


Guan:2018:SBA


Greenbaum:2016:NND


Gnanasekaran:2022:HOF


Gusak:2001:SAN

Oleg Gusak, Tuugrul Dayar, and Jean-Michel Fourneau. Stochastic automata networks and near complete decomposability. SIAM Journal on
REFERENCES

Grunbaum:2008:MVO


Grigori:2011:CCO


Gu:1994:SEA


Gu:1995:DCAa


Gu:1995:DCAb


Gu:1995:DSV

REFERENCES


REFERENCES


Guglielmi:2017:ARS


Guglielmi:2013:FAN


Golub:2005:AAB


Guo:2006:SNM


Grasedyck:2007:MMS


REFERENCES

SJMAEL. ISSN 0895-4798 (print), 1095-7162 (electronic).


Alan George and Kh. Ikramov.

George:2000:SPS


[GIK00] George:1995:FPT


Gilbert:1994:PSS


Gillis:2013:RAH


Guo:2008:DAS


George:1995:LAS

REFERENCES

George:1996:DST


Gratton:2012:AKW


Gohberg:1993:MCS


Granat:2006:DER


Gillis:2015:EHA


Gohberg:1999:CLP


Gudmundsson:1995:SSS

REFERENCES

Gudmundsson:1997:SSS

[102x681]//epubs.siam.org/sam-bin/dbq/article/24387.


Gohberg:1989:PPZ


Golub:1990:DVK


Gohberg:1994:CAA

I. Gohberg, I. Koltracht, and D. Xiao. Condition and accuracy of algorithms for computing Schur coefficients of...
REFERENCES


Grosser:2005:SEI


Guo:2010:SSQ


Guglielmi:2013:LRD


Gawlik:2017:ICF


Guz:2001:IPF

Sy-Ming Guu, Yung-Yih Lur, and Chin-Tzong Pang. On infinite products of fuzzy matri-
REFERENCES


**Gau:2011:HRN**


**Grimes:1994:SBL**


**Gander:2012:OBI**

Martin J. Gander, Sébastien Loisel, and Daniel B. Szyld. An optimal block iterative method and preconditioner for banded matrices with applications to PDEs on irregular domains.

**Gleich:2015:MP**


**Goberna:1996:STL**


**Gu:2010:DPS**

Guattery:1998:QSS


Guattery:2000:GEL


Guo:2012:UMP


Gower:2021:ASP


Grigori:2016:EKS


Garvey:2018:SVD


Gazzola:2020:KML

REFERENCES


[GN03] G. Goldberg and M. Neu-


[GN13] Matan Gavish and Boaz Nadler. Normalized cuts are approximately inverse exit

**Gutell:2016:SSS**


**Gilbert:1994:EAC**


**Gu:2006:ACB**


**Guglielmi:2011:FAA**

REFERENCES

**Gould:2014:PKM**


**Guglielmi:2015:EAC**


**Gover:1991:PIG**


**Gesmundo:2019:PSV**


**Gowda:1990:APM**


**Gowda:1996:AZS**

REFERENCES


REFERENCES

2006. CODEN SJMAEL. ISSN 0895-4798 (print), 1095-7162 (electronic).

Guglielmi:2016:IPS

Guglielmi:2018:CSU

García-Planas:2003:RVD

Grimes:1990:NAF

Greenbaum:1996:NCC

Greif:2016:NEA

Goldfarb:2014:RLR
Donald Goldfarb and Zhilong (Zhiwei) Qin. Robust low-rank tensor recovery: Models

**Gross:1993:ASR**


**Gurvits:1997:CPB**


**Gutknecht:2000:LAP**

Gower:2017:RQN


Grasedyck:2010:HSV


Grcar:2010:SCN


Greif:1999:RST


Greensite:2005:IPK

Grinstead:1988:CLK


Guglielmi:2017:NIM


Gross:1997:NPO


Gross:1998:MCM


Golub:2007:HAC


Grubić:2006:EEE


Greenbaum:1992:PBF


REFERENCES

216


[GSS96] Philip E. Gill, Michael A. Saunders, and Joseph R. Shinnerl. On the stability of Cholesky factorization for symmetric quasidfinite sys-


REFERENCES

Gernandt:2017:EPR


Gautier:2019:PFT


Gautier:2019:UPF


Giscard:2013:EMF


Gratton:2018:IBS


Gratton:2013:SCT

REFERENCES

[SJMAEL] SJMAEL. ISSN 0895-4798 (print), 1095-7162 (electronic).


REFERENCES

Gupta:2002:ISN  

Gutknecht:1992:CTU  

Gutknecht:1994:CTU  

Greif:1999:BSM  

Greif:2007:MCN  

Greif:2009:ISS  
REFERENCES


REFERENCES

170–194, ???? 2012. CODEN SJMAEL. ISSN 0895-4798 (print), 1095-7162 (electronic).

Guglielmi:2005:CPE


Guglielmi:2009:FEC


Gutknecht:2013:ECB


Guglielmi:2015:CCP


Hacon:1993:JMS


Hallman:2020:SNE


Hanke:1994:ICC

REFERENCES


REFERENCES


[Huang:2015:RPA] Rong Huang and Delin Chu. Relative perturbation analy-


[Hem95] Lina Hemmingsson. A domain decomposition method for first-order PDEs. *SIAM Journal on Matrix Analysis
REFERENCES


Hershkowitz:1990:PSP


Hershkowitz:1996:USD


Heyman:1995:ACF


Ho:2014:FSL


Hallman:2018:LMB


Hocking:2021:OCR


Higueras:1999:LNM

Higueras:2000:HCC

Holz:2005:SAM

Heinig:1993:BSM

Heinig:1994:MPI

Higham:1992:BEC

Higham:1998:SBE
Desmond J. Higham and Nicholas J. Higham. Structured backward error and con-

Hamm:2021:PCD


Hladnik:2003:FDF


Huang:2013:EDD


Higham:2021:RMG


Hadjidimos:1999:AIL

REFERENCES


REFERENCES


**Howland:2003:SPD**


**Higham:1995:MPF**


**Higham:2001:SQM**


**Hackbusch:2008:TPA**


**Huckle:2012:CFA**


**Hyde:2008:AEM**

References

Helton:2009:DES


Hochstenbach:2005:JDT


Helsen:2005:CIA


Huhtanen:2002:EIR


Hetmaniuk:2006:UAE


Hager:2008:OGM


Higham:2011:SPA

REFERENCES


[HLS97] Wenchao Huang, Chi-Kwong Li, and Hans Schneider. Norms and inequalities related to...

[Horn:1991:LOP]


[HLT91]

[Horn:1991:LOP]


[Higham:2008:BEP]

[Hegland:1989:ARS]


[HLT12]

REFERENCES


**Higham:2007:SLM**  

**Helmke:1994:DSC**  

**Hochstenbach:2019:SSG**  


**Hercég:1993:CMM**  

**Higham:2006:CLM**  
REFERENCES


Daniel P. Heyman and Diane P. O’Leary. Overcoming instability in computing


REFERENCES

DEN SJMAEL. ISSN 0895-4798 (print), 1095-7162 (electronic).

[Hook:2019:MBH]

[Hu:2016:NSC]

[HR93]

[HR95]

[HR00]

[HR04]

[HR14]
REFERENCES

ISSN 0895-4798 (print), 1095-7162 (electronic).


REFERENCES


REFERENCES


Ito:1994:BTP


Ito:2010:ANI


Ipsen:2006:CAP


Ipsen:1994:USM


Ikramov:1997:CNT


Iwata:1995:MTD

Iannazzo:2013:SLA


Ito:2016:AGE


Ipsen:2009:RPB


Iwen:2021:LMO


Iwen:2016:DIS


Ipsen:2006:SIA


Ipsen:2009:SIA


Iwen:2008:PBD

[I. C. F. Ipsen and Rizwana Rehman. Perturbation bounds
REFERENCES


Iwata:2007:CAS


Ipsen:2008:PCS


Iwata:2011:KCF


Iwata:2018:IRU


Ito:1996:ENT

Takashi Ito. Every normal Toeplitz matrix is either of type I or of type II. *SIAM Journal on Matrix Analysis and Applications*, 17(4):998–1006, October 1996. CODEN SJMAEL.

Irony:2006:SBP

REFERENCES


Raphaël M. Jungers, Antonio Cicone, and Nicola Guglielmi.

Johnson:2003:PWT


Ji:1992:TDB


Jia:1995:CGL


Jianmiao:1998:SSG

REFERENCES


REFERENCES


Jarlebring:2014:CPS


Johnson:1993:SCN


Jeannerod:2019:ICB


Jain:1996:EBM


Jodar:1989:CSR


Johnson:1991:LSV


Johnson:1993:LBS

REFERENCES

Jia:2003:IRR

Jia:2021:SPQ

Jacquelin:2021:FIT

Joubert:1992:LMS

Johnson:1996:MRC

Joho:2008:NMJ

Jou:2020:GMP
numerical linear algebra (Copper Mountain, CO, 1990).


Jungers:2009:CCP


Johnson:1988:CTP


Jansson:1999:ACR


Jiranek:2009:HMS


Jia:1999:SMR

REFERENCES


Jonsson:2004:SPS


Jeuris:2016:KMB


Jia:2011:RVS


Jaffe:2018:NCM


Jin:2003:SPC


Jiang:2020:RMP


Jia:1999:CSS

Rong-Qing Jia and Ding-Xuan Zhou. Convergence of subdivision schemes associated with nonnegative masks. *SIAM Journal on Matrix Analysis and Applications*, 21(2):418–430, 1999. CODEN SJMAEL. ISSN 0895-4798 (print), 1095-


Michael Karow. \(\mu\)-values and spectral value sets for linear perturbation classes defined by a scalar product. *SIAM Journal on Matrix Analysis and Applications*, 32(3):
REFERENCES


Kailath:1994:GDS


Kimura:2009:VSS


Kuo:1990:MFE


Khabou:2013:FPR


Keller:2000:CPI


Kratz:2013:GIT


Kleinsteuber:2004:JAC

REFERENCES


Kilmer:1999:CLP


Kirkland:1992:ERL


Kirkland:1995:GIA


Kittaneh:1995:SVC


Koskela:2016:KAL


Ku:1993:SPPb

REFERENCES


Ku:1993:SPPa


Kaagstrom:2007:MVQ


Kazeev:2012:LRE


Karow:2014:PBI


Kovac:2017:SPL


Krone:2021:UNM


Karow:2014:NEP


REFERENCES


REFERENCES


Kuo:2007:SPD


Kunkel:1996:GID


Kolda:2014:ASP


Katsouleas:2016:IPR


Kangal:2018:SML


Kovalenko:2011:EEE

Andrey Kovalenko, Trond Mannseth, and Geir Nævdal.
ERROR ESTIMATE FOR THE ENSEMBLE KALMAN FILTER ANALYSIS STEP. 

Konstantinov:2001:PAH


Koukouvinos:2001:VMI


Kostic:2015:MNP


Kavanagh:1989:CCP


Koltracht:1991:IMP

Kirkland:1994:CCP


Kirkland:1998:MGG


Kirkland:1999:CDF


Kamm:2000:OKP


Knyazev:2009:GFA


Knizhnerman:2000:GEB

REFERENCES

Knizhnerman:2004:SEJ


Knight:2008:SKA


Kirkland:2002:EPR


Kirkland:1997:DWT


Ke:2020:EPT


Kirkland:2004:CEG


Kilmer:2001:CRP


REFERENCES


Kressner:2008:EAE


Kuian:2019:OCV


Knight:2014:SPA


Kaufman:1992:SNL


Kilmer:1999:IRM


Klein:2003:SRV


Klein:2008:RSC


Kuo:2012:SPC

REFERENCES

597–616, ???? 2012. CODEN SJMAEL. ISSN 0895-4798 (print), 1095-7162 (electronic).


[Kressner:2017:FCS]


[Kressner:2020:AAC]


[Kressner:2011:LRT]


[Kitahara:2010:PWL]


[Kressner:2010:KSM]

Kaya:2013:CET  

Kuijlaars:2000:WEF  

Kuznetsov:2015:EHT  

Kuczynski:1992:ELE  

Kuczynski:1994:PBE  

Kolotilina:1993:FSA  


REFERENCES


[LBL05] An-Ping Liao, Zhong-Zhi Bai, and Yuan Lei. Best approximate solution of matrix equation $AXB + CYD =$


REFERENCES

1014, ???? 2015. CODEN SJMAEL. ISSN 0895-4798 (print), 1095-7162 (electronic).

**Lee:2016:RCA**


**LeCadre:1996:PRE**


**Lee:1995:PUB**


**LeBorne:2006:MHM**


**Lee:1996:BAB**

REFERENCES


[LF02b] Guo-Lin Li and Zheng-He Feng. Mirrorsymmetric matrices, their basic properties, and an application on odd/even-


REFERENCES


[LGHR95] Yu-Ling Lai, Apostolos Hadjidimos, Elias N. Houstis, and John R. Rice. On the iterative solution of Hermite colo-
REFERENCES


Lei Li. On the iterative criterion for generalized diagonally...

**Li:2005:RPB**


**Li:2006:AOL**


**Li:2016:BSN**


**Liesen:2000:CCB**


**Liesen:2008:WAM**


**Lim:2007:MGM**


**Lim:2013:RDB**

<table>
<thead>
<tr>
<th>Reference</th>
<th>Title and Authors</th>
</tr>
</thead>
</table>
REFERENCES


REFERENCES


REFERENCES

Leurgans:1993:DTW


Lee:2006:EPT


Lubich:2013:DAH


Lundy:1995:SPA


Lehoucq:1996:DTI


Lewis:2001:TDS


Li:2003:NPB

REFERENCES


Li:2006:MMI


Li:2007:CPB


Laffey:2010:SCC


Lu:2016:SAT

REFERENCES

SJMAEL. ISSN 0895-4798 (print), 1095-7162 (electronic).

[Bjorn Liljegren-Sailer, Nicole Marheineke] 2022

Liljegren-Sailer:2022:ITS


[Chi-Kwong Li, Nam-Kiu Tsing] 1989

Li:1989:IHF


[Chi-Kwong Li, Bit Shun Tam] 1994

Li:1994:NEC


[Jörg Liesen, Petr Tichý] 2009

Liesen:2009:BAP


[Hao Lu] 1994

Lu:1994:FSC

Lu:1995:FAC


Lu:1996:SVL


Lu:1998:GHM


[Lu95]


[Lu96]


[Lu98b]


[Lu05]


[Lu10]


[Lu20]

Ding Lu. Nonlinear eigenvector methods for convex minimization over the numerical range.
REFERENCES


REFERENCES


Liu:2015:MMT


Liu:2014:CSC


Lee:2006:CIM


Lim:2019:NAA


Lin:2006:CAS


Laub:2009:FCE


Liu:2012:CNA


Junfeng Lu and Zhenyue Zhang. A modified nonlinear inexact Uzawa algorithm with a variable relaxation parameter for the stabilized saddle


[Mai99] Alexei A. Mailybaev. Transformation of families of ma-

Malyshev:2003:UTC


Malick:2004:DAS


Markovsky:2011:CLS


Martinsson:2011:FRA

REFERENCES

Mascarenhas:1994:NJB


Mascarenhas:1995:CJM


Masuyama:2016:EBA


Mathias:1993:AMV


Mathias:1993:HON


Mathias:1993:PBP


Mathias:1992:MPD


Mathias:1995:AEC


J. Matejaš. Accuracy of the Jacobi method on scaled diagonally dominant symmetric matrices. *SIAM Journal on Ma-
Mayer:2012:OPL


Moro:2003:LRP


Moro:2003:LVL


Moro:2017:EFS


Muet:2008:LRT


REFERENCES

Meszaros:2008:NII


Meurant:1992:RIS


Meurant:2011:RNF


Meurant:2017:CFG


Meyer:1994:SSD


Michiels:2010:CCN

REFERENCES


Miminis:2000:SAG

Miminis:2015:PPS

Mitchell:2020:CKC

Mitchell:2021:FIB

Miyajima:2014:FEA

Michiels:2011:KBM

Mickelin:2020:MLR
Morris:1989:GPH

Mastronardi:2000:FST

Murthy:2000:PPM

Mikkelsen:2009:ATS

Maehara:2011:AEC

Mahoney:2008:TCD

Moore:1994:NGA
REFERENCES

Mackey:2006:SPE


Mackey:2006:VSL


MacLachlan:2022:BLP


[MMT08] D. Steven Mackey, Niloufer Mackey, and Françoise Tisseur.

Mehl:2017:PDR


Mehl:2018:LAP


Mohan:1997:VBH


Ma:2015:CPR

[Ma:2015:CPR]


Ma:2018:IMS

[Ma:2018:IMS]


McDonald:1996:IUM

REFERENCES


REFERENCES

Monnigmann:2011:FCS


Morris:1994:LDT


Morgan:1995:RGM


Morgan:2000:IRG


Maslen:2004:CIP


Morris:2012:NSC


Massoudi:2016:AIM

Morikuni:2021:PME


Morris:2022:FAR


Maybee:1989:MDD


Miminis:1991:ISR


Mangasarian:1995:ELC


Murthy:1995:SPF

REFERENCES

URL http://epubs.siam.org/sam-bin/dbq/article/25360. [MP21]


URL http://epubs.siam.org/sam-bin/dbq/article/30295. [MP11]


URL http://epubs.siam.org/sam-bin/dbq/article/31381. [MP12]


Migallón:2001:NMG


Meerbergen:1997:RAM


Mailybaev:1999:SBS


Malyshev:1997:PES


Marek:2002:CCG

Ivo Marek and Daniel B. Szyld. Comparison of convergence of general stationary

Moskvina:2003:APS


Meerbergen:2010:IIP


Mousavi:2018:UAS


Minster:2021:EAE


Musolas:2021:GPC


Mitz:2019:SRO


Mehrmann:2015:SAI

Mastronardi:2010:FAU

Markovsky:2013:SLR

Murota:1991:SNF

Murota:1993:SNF

Murota:1998:DMP

Marr:1988:FDT

Mackens:1997:MES
Wolfgang Mackens and Heinrich Voss. The minimum eigen-


Nicola Mastronardi and Paul Van Dooren. Computing the Jordan structure of an eigenvalue. *SIAM Journal on Ma-
<table>
<thead>
<tr>
<th>Reference</th>
<th>Reference Details</th>
</tr>
</thead>
</table>
References


Nabben:2000:IUB


Nabben:2001:GMT


Nævdal:1993:CPG


Najman:1998:ABE


Nakatsukasa:2010:OHI

[NBG10] Yuji Nakatsukasa, Zhaojun Bai, and François Gygi. Op-


REFERENCES

1517–1540, ???? 2017. CODEN SJMAEL. ISSN 0895-4798 (print), 1095-7162 (electronic).

Nichols:2001:REA


Neff:2014:LMP


Nagy:2004:KPA


Nakatsukasa:2017:VSL


Noferini:2017:FFD


Notay:2003:CAI


Notay:2005:JDF

Yvan Notay. Is Jacobi–Davidson faster than Davidson? SIAM Journal on


REFERENCES


[Ng:2010:FLE]


[NR99]


[Nachtigal:1992:HGA]


[Nash:1996:PRM]

Nie:2009:MCP


Nie:2009:MCP


Noutsos:2008:RHN


Nakatsukasa:2018:RMP

Nabben:1994:LAP


Noutsos:2002:NBT


Naevdal:1998:CIN


Neubauer:2002:OSB


Nie:2014:SRB


Nikishin:1995:VBC


REFERENCES

Oseledets:2010:AMU


Ottaviani:2014:ESS


Oseledets:2008:TDR


Oseledets:2009:FSO


Ostrouchov:2010:MCV


Oarua:1999:MDC


Overton:1988:MME

REFERENCES


Alexander Padiy, Owe Axelsson, and Ben Polman. Generalized augmented matrix preconditioning approach and its

**Parlett:1992:RTF**


**Par92**

**Park:1994:EDA**


**Parlett:2005:BMD**

Beresford N. Parlett, Froilán M. Dopico, and Carla Ferreira.


**Pati:2000:MPI**


**Patel:2016:HTM**

Beresford Parlett, Froilán M. Dopico, and Carla Ferreira.


REFERENCES


//epubs.siam.org/sam-bin/dbq/article/17264.

Parlett:1993:FIT

Pierce:1997:SMR

Protasov:2014:ROC

Perera:2018:LCS

Plestenjak:2000:CMR

Plestenjak:2006:NMT

Patel:1994:CSI

PL93

PL97

PL14

PL18

PLM94

PL93

PL00
References

Pelaez:2006:AFE

Pan:2018:ONM

Pruessner:2003:BDU

Popova:2012:EDA

Popova:2015:SPI

Powers:1988:EDR

Pierce:1992:FAC

Park:2005:NDA
Cheong Hee Park and Hae-sun Park. Nonlinear discriminant analysis using ker-

**Park:2005:RBL**


**Park:2005:RBL**


**Paige:2011:HMP**


**Paige:2011:HMP**


**Pougkakiotis:2020:FSM**


**Pierce:1988:LPC**


**Pierce:1991:SCN**


**Petersen:2001:MSS**

Poloni:2012:DAL


Pestana:2016:NSP


Protasov:2013:CPS


Paige:2006:MGS


Pan:1994:BIP


Powell:2004:OPR


Paige:2005:CPL

[PS05] Christopher C. Paige and Zdenek Strakos. Core prob-

Popolizio:2008:ATA


Pothen:1990:PSM


Pfeffer:2019:LPS


Pearson:2012:RRP


Pozza:2018:SNI


Phan:2013:LCD

Anh-Huy Phan, Petr Tichavský, and Andrezj Cichocki. Low complexity damped Gauss–Newton algorithms for CANDECOMP/PARAFAC. *SIAM
REFERENCES


Powell:2010:PSG


Powell:2014:EPS


Pultarová:2013:FAA


Parlett:2009:SGM


Ponce:2017:SGL


Plemmons:1990:SMC


Pan:2003:IDO


REFERENCES

ISSN 0895-4798 (print), 1095-7162 (electronic).


REFERENCES

Qi:2006:QCN

Qi:2014:NTF

Qi:2004:SSF

Qiu:2005:UIM

Ralha:2009:PSM

Ralha:2011:RES

Ransford:2007:PPG

Rauhala:2002:AAEa
Urho A. Rauhala. Array algebra expansion of matrix and tensor calculus: Part 1. *SIAM
REFERENCES


Rauhala:2002:AAEb


Ram:1990:EEB


Rajih:2008:ELS


Regalia:1995:DSC


Richter:1993:ECS


Rothberg:1998:NSS

Reddy:2013:FPD


Reichel:1991:FDV


Reusken:2002:ADL


Fang:2006:SFS


Renaut:2005:EAS


Rezghi:2014:BKP


Rehman:2011:CCP

REFERENCES


REFERENCES

4798 (print), 1095-7162 (electronic).

**Rodman:2005:ISS**


**Rodriguez:2006:FST**


**Rozloznik:2015:CLF**


**Rogozhin:2005:SVB**


**Rohn:1993:IMS**


**Rohn:1994:PDS**


**Rohn:2003:SSL**


REFERENCES


Rommes:2008:CDP


Ransford:2018:RCP


Ruetz:2021:SNS


Robbe:2009:IIS


Ron:2001:CSR

REFERENCES


Rump:2003:SPPa

Rump:2003:SPPb

Rump:2012:VBL

Rump:2015:CSU

Ragnarsson:2012:BTU

Ratnarajah:2005:ECN

Robol:2017:FSL
Leonardo Robol, Raf Vandebril, and Paul Van Dooren. A framework for structured lin-


Saad:1997:AAK


Saad:2006:FCR


Saad:2016:ASI


Son:2021:CSE


Saibaba:2016:HHO


Saibaba:2019:RSI


Salzberg:1988:TPS


Santos:1988:NNI

Maria Célia Santos. A note on the Newton iteration for...


Serra-Capizzano:2005:HDP


Scherer:1995:ARE


Scherer:2005:RRL


Steel:2021:MMR


Saunderson:2012:DLR

REFERENCES

**Stegeman:2009:MAD**


**Sustik:2012:ZFP**


**Sorensen:2015:CCPa**


**Sorensen:2015:NUC**


**Savas:2016:CMA**


**Sorensen:2019:FSA**


**Stegeman:2010:UCC**

REFERENCES


[Sifuentes:2013:GCP] Josef A. Sifuentes, Mark Embree, and Ronald B. Morgan. GMRES convergence for perturbed coefficient matrices,


Sobczyk:2021:ELS


Shao:2014:ATT


Slapnicar:1991:QCF


Stam:1991:ORM


Suffridge:1993:AHP


Shader:1995:LSS


Shen:2009:IEI

Shao:2003:MSS


Shen:2010:EEP


Shen:2012:ABT


Sidi:1995:AVV


Silbermann:2003:MFS


Simoncini:1997:SQV


Simoncini:2000:CRK


**Stegeman:2012:IUC**


**Slemons:2009:RTS**

Jason Slemons. The result of two steps of the $LR$ algorithm is diagonally similar to the result of one step of the $HR$ algorithm. *SIAM Journal on Matrix Analysis and Applications*, 31(1):68–74, ???. 2009. CODEN SJMAEL. ISSN 0895-4798 (print), 1095-7162 (electronic).

**Sosa:2016:FOA**


**Shaked-Monderer:2013:RMF**


**Smith:2003:SAC**


**Sosa:2020:FOS**


M. E. Sezer and D. D. Šiljak. Nested epsilon decompositions

**Stewart:1998:HTS**


**Shah:2006:SPS**


**Shah:2010:BNS**


**Shank:2013:KSM**


**Son:2017:SPD**


**Sacchi:2019:GCA**


**Southworth:2020:FPK**

Ben S. Southworth, Abdulrah A. Sivas, and Sander Rhebergen. On fixed-point,


Stathopoulos:2002:CBJ

Stepniak:1991:ICM

Stewart:1991:TSR

Stewart:1993:PCF

Stewart:1993:URR

Stewart:2001:KSA

Stewart:2002:AKS

Stewart:2003:STS

Stewart:2005:EAQ

Stewart:2006:EAU

Stegeman:2008:LRA

Stegeman:2010:UTO

Stegeman:2011:UCT

Stewart:2011:NAO
Stegeman:2012:CPD

Stegeman:2013:TWJ

Stewart:2016:CCR

Stewart:2016:DSO

Stewart:2016:RDM

Stewart:2018:NRD

Steinerberger:2021:RKC

Szlam:2017:ALR


[SUn95c]
REFERENCES


Sun:1996:PAP


Sun:2004:BPA


Sutton:2012:SCC


Sutton:2013:DCC


Stern:1993:NDS


Stewart:1997:SIF


Stewart:2000:UGD

REFERENCES


[SW91] Ronald J. Stern and Henry Wolkowicz. Estimating the support...


REFERENCES


REFERENCES


REFERENCES


Tismenetsky:1993:MGM


Tisseur:2001:NMF


Tisseur:2001:SSH


Tisseur:2003:CBE


Tisseur:2004:TDR


TL06


Tebbens:2012:RVB

Jurjen Duintjer Tebbens and Gérard Meurant. Any Ritz value behavior is possible for Arnoldi and for GMRES. SIAM Journal on Matrix Analysis and Applications, 33(3):958–978,???? 2012. CODEN SJMAEL. ISSN 0895-
REFERENCES

Tang:2010:CTL

Telen:2018:SPS
Simon Telen, Bernard Mourrain, and Marc Van Barel.

Toh:1997:GVI
Kim-Chuan Toh.

Toledo:1997:LRD
Sivan Toledo.

Trench:1988:NSE
William F. Trench.

Trench:1988:TSA
William F. Trench.
Toeplitz systems associated with the product of a formal Laurent series and a Laurent polynomial. SIAM Journal on Matrix Analysis and Applications, 9(2):181–193, 1988. CODEN SJMAEL. ISSN 0895-
Trench:1989:NSE

Trench:1990:SEO

Trench:1994:SSP

Trench:2005:CPS

Troutt:1990:EFR

Truhar:2006:RRB

Trefethen:1990:ACS

Tong:1999:OBP
Zhanye Tong and Ahmed Sameh. On optimal banded


[TU91] Nam-Kiu Tsing and Frank Uhlig. Inertia, numerical range,

Tuma:2002:NDM


Turcajova:1997:NCD


Turcajova:2003:ACS


Truhar:2009:EME


Thiede:2015:SEP


Tang:2000:SAI


Tretter:2003:BNR

Christiane Tretter and Markus Wagenhofer. The block numerical range of an n × n block operator matrix. SIAM
REFERENCES


Tao:2002:SCG


Tyrtyshnikov:1992:OSC


Tropp:2017:PST


ISSN 0895-4798 (print), 1095-7162 (electronic).

Tisseur:2013:TQM


Ubaru:2017:FES


Uhlmann:2018:GMI


Uhlig:2020:CEC

REFERENCES


REFERENCES


REFERENCES


Vecchio:2003:BIL

Venkateswaran:1993:ALC

Verhaegen:1996:SMI

Valcher:2000:AAC

VanBarel:2005:ORF

VanDooren:2010:OMR

Vandebril:2009:QSA
Raf Vandebril, Gene Golub, and Marc Van Barel. A quasi-separable approach to solve the

**Veerman:2016:TMB**


**VanBarel:2001:SSS**


**Vong:2007:UIN**


**Vanderstukken:2021:SPEb**


**VanBeeumen:2015:CRK**


**Vannieuwenhoven:2014:GNS**

Vogel:1999:SMC


vonRosen:1993:SRH


Voos:2012:RVR


Vijayan:1993:FTF


Viswanath:1998:CNR


VanHuffel:1988:ASN


VanHuffel:1989:APG

Sabine Van Huffel and Joos Vandewalle. Analysis and properties of the generalized total least squares problem

**Vandereycken:2010:ROA**


**VanLoan:2015:AMM**


**VanBarel:2005:OSR**


**Vandebril:2012:GMA**


**Voss:2011:NLR**


**VanHuffel:1991:RTL**


**Vassilevski:2006:MVP**

Panayot S. Vassilevski and Ludmil T. Zikatanov. Multiple

Wang:2007:JSV


Wang:1998:SLM


Wang:1998:BIR


Wang:2015:SVP


Walker:2003:RCT


Watson:1992:AMT

Watson:1992:CSS


Watkins:1993:BCA


Watkins:1995:FST


Watkins:1998:BEA


Watkins:2000:PAP


Watson:2001:DFP


Watson:1989:CHL


REFERENCES


[Wei2000:UPB]


[Wei2000:UPB]


[Wei2000:UPB]


[Wei2000:UPB]


[Wei2000:UPB]


[Wei2000:UPB]


[Wei2000:UPB]
Wei:1996:CRD


[Wei96]

White:2000:MMO


[Whi00]

Welters:2011:ERF


[Wel11]

Wimmer:1988:EPH


[Whi89]

Wills:2009:ORG


[WI09]

Willms:2008:ARE


[Wil08]

Wimmer:1988:EPH


[Whi89]
CODEN SJMAEL. ISSN 0895-4798 (print), 1095-7162 (electronic).

Wimmer:1988:LME


Wimmer:1992:ESM


Wimmer:2006:ISH


Willems:2012:TFT


Wei:2005:PBD


Wang:2018:NRR


Wang:2019:BBF

REFERENCES

DEN SJMAEL. ISSN 0895-4798 (print), 1095-7162 (electronic).


Wang:2017:EBK

Hao Wang and Qiang Ye. Error bounds for the Krylov subspace methods for computations of matrix exponentials.
Wang:1991:ASP

Wang:1995:TEI

Wen:2017:ACA

Won:2021:OTS

Wu:2021:HPC

Xing:2018:PPD

Xing:2020:IDP
Xin Xing and Edmond Chow. Interpolative decomposition


Xia:2012:CSH


Xia:2013:RSD


Xu:1994:FEP


Xi:2016:AMP


Xu:2022:GIN


Xu:2018:EEC


Xu:2008:DCM

REFERENCES


[Xi:2016:SSH] Yuanzhe Xi and Jianlin Xia. On the stability of some hierarchical rank structured matrix algorithms. *SIAM Journ-
REFERENCES


Zhang Xian, Yang Zhongpeng, and Cao Chongguang. Real solutions of the equation $\Phi^t(A) = \frac{1}{n}J_n$. *SIAM
REFERENCES


REFERENCES

Yao:2016:RFR


Yeung:1997:PAG


Ye:2009:RPB


Yu:2018:ERA


Yang:2009:CSC


Yang:2000:SRO


Yang:2008:WPD

Ye:2016:SVD


Yu:1997:MAT


Yalamov:1998:SPA


Yserentant:2022:MCE


Ye:2017:FCI


Ye:2021:PGP

Xin Ye, Yuanzhe Xi, and Yousef Saad. Proxy-GMRES: Preconditioning via GMRES in

**Ye:2020:ALR**


**Yang:2010:FRP**


**Yang:2011:FRP**


**Zaballa:1989:IFA**


**Zhaballa:1991:PAA**


**Zhu:2013:BRQ**


**Zhan:2015:RNA**

REFERENCES


[ZH03] Zhenyue Zhang and Yushan Huang. A projection method for least squares problems...


Acknowledgments
Zhang:2017:MMA


Zheng:1996:FSG


Zheng:1998:NFS


Zhang:2016:CCR


Zheng:2016:MTI


Zhang:2005:HGH

Zietak:1995:SAM


Zimmermann:2017:MAA


Zhu:2017:RRM


Zhang:2010:FAG


Zann:2002:GPD


Zheng:2017:CNM


REFERENCES


Yashar Zeinaly, Jan H. van Schuppen, and Bart De Schutter. Linear positive systems may have a reachable subset from the origin that is either polyhedral or nonpolyhedral. *SIAM Journal on Matrix Analysis and Applications*, 41(1):279–307, ???? 2020. CODEN SJMAEL. ISSN 0895-4798 (print), 1095-7162 (electronic).


DEN SJMAEL. ISSN 0895-4798 (print), 1095-7162 (electronic).

Zhang:1993:IHI


Zhang:2020:EBM


Zha:1999:MLR


Zhang:2001:SPA


Zha:1998:CCP


Zhang:1998:FAL


Zhang:1999:MLR


Zha:1998:CCP


Zhang:1998:FAL


