A Complete Bibliography of Publications in *Journal of Numerical Linear Algebra with Applications* and *Numerical Linear Algebra with Applications*

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**Title word cross-reference**

(1, 1) [Cao08, Krz11]. (2, 2) [Li00]. (m, k) [MN00]. (q) [Jia96]. + [LJM14]. \(-\Delta u = \lambda u\) [EFG+18]. 0.822 [Aro09]. 16 [Km09]. 2 [AM96, BF19, BV13, DHBV21, Mar94, NBKS99, NSCTPW22, QB15, ZVO14, vKVW00]. 2 x 2 [AB10, AB13, Cao13, Kol05]. 3 [GKY97, KK16, LPW06, NBKS99, PM97, PR96, SY18b, mMP99, vKVW00]. 4 [MR14, SY18b]. A [CC07]. \(A - BX \pm X \ast B^*\) [LT08]. \(A - XB\) [Den09]. \(Ax = b\) [AL21]. \(\alpha\) [Tre13, XCG16]. \(AXA^* = B\) [Tia13]. \(AXB + CYD = E\) [yPXP06, WTZD10]. \(AXB = C\) [LyHZ11, Miy15]. \(\beta\) [DP23]. \(\mathcal{H}\) [Gra08, LOY08]. \(\mathcal{H}^2\) [Bör17]. \(\mathcal{K}\) [Mar95]. \(\mathcal{D}\) [BLLA11]. \(f\) [LM+23]. \(f(A)x = b\) [AL21]. \(\Gamma\) [DP23]. GMRES\((k)\) [KY95]. \(H\) [AMM04, BK21, BCGM09, Chu04, KPV08, KC17, Leb02, LP16, Sm06, ZSCX10, DMM+08, FS21, Pul09]. \(H(\text{div})\) [BO18]. \(H^1\) [AMM04]. \(H_1\) [LPW06]. \(H_\infty\) [Özb13, TV20]. \(hp\) [DMM+08]. IDR\((s)\) [CvG11]. \(ILU\) [CGK94, KOV17]. k [BO08, VVM05a]. L [Aih20]. \(\lambda\) [FLPW01]. \(LDL^T\) [LSS18]. \(l_p\) [Dax94]. \(LU\) [KNY00, KOV17, Le 23, DHS95, Saa94]. M [BNT94, Sau95, Bea94, BCC98, HHLL16, IP13, JZ11, Kra02, LSL01, WQZ09, XZS10, ZJ06, vN00, CSB20]. \(P_k\) [RSCTP20]. \(R\)
\[ \mathbf{R}^3 \text{ [ST23].} \ \mathcal{H} \text{ [HK02].} \ O(N) \text{ [Sac05].} \ \Omega \text{ [CGS20].} \ P \text{ [LHL07a, Peña09, AHEV15, Ben03, BB06, GKY97, LZ09, LO13, LH17, Pul09].} \ p \times p \times 2(p \geq 2) \text{ [KJ12].} \ Q \text{ [Cha12, DBLP16, DOP21].} \ Q_2 - Q_1 \text{ [PT17].} \ Q \text{ MR [FH94].} \ Q \text{ R [LZ09].} \ Q \text{ Z [X23a].} \ R \text{ [DW15, BKM + 12].} \ s \text{ [CGY22, CK10].} \ S/P \text{ [Bea94, BNT94].} \ S_\alpha \text{ [Lee12].} \ SSOR \text{ [JO94].} \ t \text{ [BSMN22, Lun20, RU22, ZSKA18].} \ tr(f(A)) \text{ [CS18].} \ U^T U + U^T R + R^T U \text{ [Kap98].} \ uT(A)v \text{ [GR04].} \ V \text{ [BLZ08, Lai97, Lot23, NN10, Not98].} \ \varphi \text{ [MPR20].} \ X \text{ [F3yHz11].} \ Z \text{ [CHCS22, HCD15, HHQ13, LQY13, XC13, ZZLX20].} \]


0-521-48296-8 [Nab97].

14 [SB12]. 1st [NL09].

2010 [NL09]. 2017 [Den18]. 2D [BCV03].

2nd [Kap02].

3-D [BG02]. 3-tensors [ED22]. 3D [MM02, NH98].

4th [Web10a]. 4th-order [Web10a].

60th [Vas03].

70th [CLR13, Vas05]. 7th [BFG + 18].

80th [SGP14].

97 [Axe98]. 98 [Axe99].
adaptively [YYN12]. adaptivity [vVW23].


Algebra [NLA94, Ano09, SB12, JNL92, BDRS12, BNR18, BM05a, CSCTP05, Dat01, GGV13, Gy08, Mar00, MV05, Ozbi13, PDV05]. Algebraic [Ada04, AN94, BD21, BSB12, BO08, FM18, GL95a, Kra06, LB21, Lee21a, LOS04, NN11, NFD10, Not05b, Not10, Pfi99, RBV08, Sin03, Web10b, Web10a, XM17, AB12, BGX06, BKY10, BF11a, BDV06, BCZ12, BVV12, BKM+12, BDM+14, CG15, CH21, DFNy08, Don10, Emad12, GB11, GHJY16, Gmos06, Heto7, HM14, HLLL16, IP13, KH23, Ks22, Kra02, Kizu92, KP10, LSS03, LB08, LS15, LCHH18, Liv04b, Lu05, LJ14, MMC12, MO14, MPRP10, MM95, MBW97, MC08, MSF21, Miy17, NL16, Not98, Not02b, OST10a, PM97, PT17, Rho07, SS02, Sei10, Sha99, SH19, SY18b, TC10, VY14, XZS09, XZS15, ZCW11, vN00].

algorithm [ARS04, Amb15, AB12, ADO23, AMMR17, AG95, BCK05, BPS95, BCB14, BFdP13, BD15, BLF01, CD11, CX23a, CX23b, CC03, CP12, DW15, DDM23, DGC19, DDL+21, ER96, FG02, FO95, Gat99, GM17, GP18, HK21, HVCY21, HRN+18, Het07, HLLL16, HW22, JR94, JZ11, Jou94, Kap99, Kau07, KN00, KV06, LV21, LC21, LZ23, Liv04b, LYL15, MPV06, MCV01, MV05, MV08, MP13, MP16, MCLM20, MM18, MC04, MR14, NG15, NLZ11, OC04, PR16, RK18, RO08, Rho92, SW96, ST17a, Sh04, SS97, SWK98, St02, SHT11, TGK10, VJM16, VVM05b, Van00, Vla00, WDS09, WMD21, WLO8, WW07, WTIFW15, Yan23, YCY17, ZQ12, ZZ15, ZZLX20, ZWA18].

algorithmic [DIPR19]. Algorithms [BVD+18, GL96, AH02, AMP99, BH04, BT15, Bun92, CL96, CS96, Cao04, CGY22, CQ10, CJT03, DMY03, DFZ05, DKVB15, Du19, FLMO9, FP95a, FH94, HJR97, HCGM23, HR05, HM16, HL21, KN14, KR14, Kub92, Lai97, LW98, LLLJ16, LZ22, Mar98, Mat96, MP18b, MK20, Pf99, RS07, Sac05, SLK16, SHVB21, Sh08, SX15, SC04, SST18, SSB15, SLA+21, US19, VP95, WWX10, XCGL10, XXW19, XZS10, YZ13, ZJ06, vGSZ15].

alignment [YZ13]. All-at-once [DW21]. Almost [ACR+00, Bos19, AW11, AMP99, BL20, EFG+18]. almost-isotropic [BL20]. along [MM95]. Alternately [BGX06].

alternating [AG19, Bail2, DH18, DL23, EY23, IZZ20, Liu22, MS22, MVLB23, MYD20, ORU23, Wan18a, XJ12, ZN18, ZS08]. Alternative [GS99]. Alternatives [Sid97]. AMG [LOS04, BBM+06, DV19, GX14, HVCX16, KV06, MMM06, TT15, Vas02, Web18, XM17].

analyse [AN13, HS13]. analyses [PM97].

Analysis [BEH+17, BLP01, CCvG06, CG15, GR23, MSS07, Mat96, SPD05, SP06, Sha98, YZ13, YXZ13, Zhu14, AK23, Axe15, BPS15, BSC20, Bat95, BL22, BW17b, BGG13, BVV12, Cas11, CDDSC12, CTP09, CLC11, CL13, CMSW19, CLTW11, CV13, CDW06, DFMH20, Don10, DFF +21b, DFF +18, EFG +18, EM11, FHM21, FM15, GMSCS20, GZ16, GCLG18, GX14, HJR97, HM18, HM20, He21, HHvR04, HW22, KO18, Lee10, Lee21b, LV04, LT09, LC21, LB08, LH17, MO11, MO14, MM98, MM02, NN11, NLZ11, NSCTPW22, Not10, PV99, PY22, Pas19, Pf99, RSCTP20, RR12, Saa00b, ST17a, ShvBW21, Shh99, The98, WCZ15, WW08b, WW11, WF15, WX21, ZN22, ZY19, ZBCN22, mMvdV02, vRH05].

analytic [CLQY23, GN00, IT05].

analytical [SSB04].

Analyzing [RV12]. Anderson [LLPC23, LZ22, Pas19]. Anderson-type [Pas19]. angle [DMY03, Lee12]. angles [GH06].

anisotropic [BCZ12, CG15, GHT09, Hön06, KW99, KT08, KLM14, KNP03, RNV21, Sch12, XZS15, YXZ13].

anti [MMMM09, Per06, XHZ03].

anti-persymmetric [XHZ03].

anti-reflective [Per06]. anti-triangular [MMMM09].

approximants [AGRR21, BCK05, CH05, GORR16, LMM00, LD07, Mit10, RU22].

approximation [DE98, VS17, AFSCSU14, CGS20, NSCTPW22, SS97].

approximations [BLW08].

Approximate [AHJ20, Bea94, BPS00, HDIS18, LPS18, MGF +02, PPv95, ZS08, AW11, AK16, BPSH13, BSI17, CN21, DK23, Do10, DS10, Hus03, Huc98, ISZ09, JZ09, JK17, KNY01, KN99, KM92, LS04, LB17, LPS15, NY03, SSB19, Sol14, VVW7, WW20].

Approximated [NR17].

approximation [AEHV14, BPSH13, BSI17, CN21, DK23, Do10, DS10, Hus03, Huc98, ISZ09, JZ09, JK17, KNY01, KN99, KM92, LS04, LB17, LPS15, NY03, SSB19, Sol14, VVW7, WW20].

approximations [CYZ99, DLVZ06, ESS23, FY01, HJR97, KKRS21, KN07, LW21, LO15, Mor07, Mor09, Per06, RSCTP15, US19].

arbitrarily [MK23].

arbitrary [BW17a, HR05].

arbitrary-degree [BW17a].

arithmetic [DK95, GKV12, TR21].

arithmetics [BB16].
[HK02, BM05a]. Block [Bai12, BHL +22, CNZ17, CK10, FP15, FGNW14, GKY97, HK12, KABH17, MPS96, PS00, RS10, SLV06, AGRR21, ACR +00, ACGH21, AB10, AN13, AB13, BPS15, BCR14, Bas00, BL22, Bot13, BHHJ13, CCS19, Cao08, Cao13, CNY05, CV03, CB21, DJW +21, DHS95, DGM +16, DFF +21b, DL23, ES07, FJP12, FJP16, FS09, Gro00, HS05, HDH19, IS09, KK02, KN07, KP00, KNY00, Kol05, KC17, KLMP21, Krz11, Lam12, LO13, Le 23, LPS15, MSS07, MR14, NZ14, Po00, ST19, Ste95, SHJC18, Tre13, VVM05a, Van00, WCLZ15, Wan18b, Wan18a, WH94, XCG16, YNP04, YZCQ23, Zhou18, ZBCN23, Zou23, SF18]. Block-diagonal [PS00, BCR14, FS09]. block-Lanczos [Zho18]. block-preconditioned [DJW +21]. block-preconditioner [ES07]. Block-row [SLV06]. block-semiseparable [VVM05a]. block-structured [HM18]. block-Toeplitz [HM18]. break [HM96]. Brinkman [He23]. Broadband [RSR10]. Broyden [DEM18, USS21]. Brua1di [Nab97]. BSSOR [GKY97]. Buckley [IK00]. building [PGT14]. Bunyakowski [AALS01]. BVM [LJ04]. BVM-based [LJ04].

Computational [BGM11, HJ18, CCvG06, DFF+18, Ern12, GS97, Ian16, Mar00, SS07].
Computations [MPV06, Axe98, AC11, BP13, CRZT20, DFF+18, DOP19, Kho96, MP18a, MPR22, MPR23, OST10b, QvGvW+21]. Computed [GL95a].
computer [CZ15, DK95]. computers [JO94, MM97, Mez20, TSPSO06]. Computing [BDGL09, Dax04, GMS18, KKRS21, LCHH18, LMM+23, Lor14, MRT98, NW15, YM22, YHAG20, vNR07, BL22, BGW05, BP22, CS18, CCLQ18, CJL08, CXX05, CC20, CHCS22, Dem21, DE06, FM99, HCQM23, HVCY21, KK23a, KNX01, KBF15, KMC16, KR06, LK17, LZY11, LP16, MM98, MVV08, MP16, MK20, Pul16, RT02, SLK16, SHT18, SHT11, TS12, WQZ09, WW07, Yun18, YYN12, ZQ12, ZZLX20, MMMM09].
concept [Mey94]. concerning [BM05a]. Condition [BC10, CLTW11, MDB21, YDH11, ADT19, B06, BT92, BG05b, CCG00, CDW06, DW07, Dia09, DXW12, DWWQ13, EHM95, EG16, LX08, LH08, LIW09, Pul08, TDL+22, ZLHH23]. condition-number [ADT19]. conditioned [MM99, NCV05, SPI21, Ye20]. conditioning [BDGL09, LHW11, TDH+18, YHAG20]. conditions [Per06, Szy94, XHZ03, Zitt00, Zitt05]. conduction [AJ94]. conduction [LA23].
conforming [AMM04, BMN05, KLS23, KM99, LPW06].
conic [Naz95].
conjugate [AM95, BL22, BGP97, BMSS09, BB96, CNT07, CGY22, Cha07, CL23, DMV03, DW15, DR03, GTP21, Hac92, HZZC23, IIFM23, Kap94, Kap02, MO94, Mey94, Not02a, PR95, WD08, Wei94, YBZ19].
Connection [MC09]. connectivity [CLQY23]. conquer [KNX01, LLLJ16, SK21]. Conservative [AIT05a, HKL19, DKM+22]. conserving [ABM17, KLS23]. Consistency [FLR03]. Consistent [Rie09, DBG06]. consistently [Bea94]. constant [AM96, Liv14, Mar94]. constrained [Ada04, AN03b, BD21, BVD+18, DD07, DR03, ER96, GW00, HHHM, KV06, Lin12, LWC16, LWS+23, LV98, NBKS99, PW12, PSM14, Peo08, RS10, SKKS22, SY18a, St092, S12, Vla00, XJ12, PPS20]. Constraint [SL10, Ber12, BDDM18, CAO09, DLSvL20, DGC19, eLHZ11, pLL07, LW07, MRT02, yPyHZ04, WBL14]. constraint-preconditioned [Ber12, WBL14]. constraints [ADMS22, BDS13, Dob99, Lay05, LZQ12, MD03, MS07, dCSR19, SW12, VFDV13]. Constructing [Uhl23, BFD13, KKNY01, NY03]. construction [BC09, WW+15]. constructions [YNP04]. constructive [BW17a]. contact [Ada04, Hla99, IV04, NO04, ZVO14]. Continuation [DF01, HKL21, BP22, CWS97, CC03]. continuous [Cas11, LZZ20, SSB15]. continuous-time [Cas11]. continuously [Vos09]. contour [CZ22, HFG+22, KKPS18]. contrast [AY11, GKK19]. contribution [WF15]. control [BLP08, BFS10, BO13, DMS17, Dat01, GTZ18, HW19, KKK13, LP22, LC13, LW05, MS07, MP13, NV23, P51, QvGW+21, ROA13, SKKS22, SY18a, SW12, VFDV13, ZHJL12]. controlled [FJP16]. controller [CSB20]. controllers [Ozb13]. convection [BR99, FY01, HP97, HK12, KABH17, KXZ03, PH19, RSCTP15, XG10, ZYFG11, vRH05]. convection-diffusion [BR99, FY01, KXZ03, PH19, ZYFG11, vRH05]. Convergence [BR22, BBG13, BH16, CL96, CP99, DFHM20, HNR+18, HW21, IIFM23, KKO20, KO18].
convergent [BSI17, CQ10, GT09, Sol14, ZZLX20].

D [DHBV21, GKY97, AM96, BV13, BG02, KK16, LPW06, Mar94, NBKS99, NSCTPW22, PM97, PR96, QB15, SY18b, ZVO14, mMP99, vKVW00]. DAE [ABK15]. damped [BC09, CMSW19]. damping [BTT13, MW21, TV20]. Darcy [He23]. Data [CCX23, GA18, Bauo8, BF11a, BFDp13, BH04, CLNY15, DLSvL20, DQW15, KKS9, KK23a, LC21, NLNZ11, PDV05, Rie09, TDL'18, TDL'22]. Data-driven [CCX23, GA18]. data-sparse [Bau08, BF11a]. Datta [CLR13]. Davidson [FJP16, GS99, HLLW05, MSV13, Not02a, Zho06, vNR07, vDE02]. DCT [CSCTP05]. DD [AB13, Cao13, BI10]. deblurring [BDRZ21, CFAM16, Don05, LNP12]. decay [FSS18]. decision [Buc11, CEQN07]. decomposable [Uhl23]. Decomposition [CGK94, AN03a, AN07, ADMS22, ADO23, AMMR17, AFK02, AG19, BP13, BW17a, Bla94, Bla02, BVD+18, BPS13, BO18, BIA18, CS96, Car97, CGM01, C13, CLNY15, CJT03, DH18, EM95, EY23, FLP00, FRR1, GNV14, GVT03, GB15, GT16, GUS03, HLM92, HDIS18, HC05, Ibr02, JK18, JM10, KV92, KKPS18, Kap98, Kap02, Kem12, KMMR10, Kho96, KN14, KN03, LR95, LV99, LT09, LHW11, LXS16, LT11, LT13, Liu22, LMM00, MS22, MP20, MD03, MK20, MM02, MVLB23, MM18, MYD20, MSF21, NBR14b, PY03, PH19, SHvBW21, Sau95, SNN20, TSPS006, WQ07, WSN19, YL08, ZSKA18, Zhu08]. Decompositions [ZN20, BF96, BLW08, LS06, SSB04]. deconvolution [MLV05]. Decoupling [LVW01, HDIS18]. Dedicated
Dedication [Bun95, SGP14, CLR13].

Deep [PLMV23]. Defect [NFD10].

Defective [AFS14]. Defects [KK16].

Deficient [DE98, GS97]. Definite [ARMW14, AIT05a, AV94, Bai16, Bai18a, BMAA16, BT03, BMM20, DJW+21, DJ09, Ema12, Kap98, KH07, Kol05, LHL07b, MVV08, yPES07, SB12, WW08b].

Definiteness [PW13]. Definition [Lun20, VVM05c].

Derated [CS97, MYZ16, SHJC18, MN00].

DEFLATED-GMRES [MN00].

Degenerate [BMM06, Sto92]. Degree [BW17a, DS10, Gus04b, HVX16]. Delay [DOR19, DGRR11, JLV05, LC13, MSV13]. Delay-differential [MSV13]. Denoising [LNP12]. Denoising/deblurring [NV08a, SLV13, ZBCN23].

Dense [CDGmM04, DS10, GTY97, How18, KBF15, Ver00]. Density [LMM+23, NY03, OST10b].

Dependent [BEG18, CNT07, CRV14, GS05, HG00, KPT14, LP22, Mai06, MV13, RBV08, Sha98, Xie21, ZYFG11, vKVW00]. Depending [Vos09]. Derivative [DA21, IKA22, KKR21, LY15, LWS+23, US21]. Derivative-free [IKA22, LWS+23, US21].

Derivatives [AT00, Xie11]. Derived [BDV06]. Deriving [Mey94]. Descent [ACGH21, BW19, De13, Liu22, NZ14, Shi02, Shi04, TR21, YZCQ23, ZBCN23].

Design [AG99, BCK05, MC08, SWSW00].

Designing [RS07]. Designs [LW05].

Determinantal [CC07]. Determinants [MP15]. Determining [WW20].

Developments [SS07]. Deviation [CCvG06, DDM23]. Device [GMR05]. DFT [Not05a].

Diagonal [BLP17, SZ99, ACR+00, BCR14, EW13, EM11, Fas05, FS09, HN05, HS05, KKMM12, MCV01, Par03, PS00, TS12, ZZ15].

Diagonal-plus-semiseparable [Fas05].

Diagonal-plus-Toeplitz [BLP17].

Diagonalization [CCS19, MCLM20, WZZ18]. Diagonally [AK94, Yon96, MRT98, RT02]. Diameter [Par03]. Difference [AJ94, FY01, Fer96, Gem00, PR11, PL21, SCD94, Web10a, ZZ21].

Different [DOR19, Tre05]. Differentiable [Est09]. Differential [AHJ20, BCR11, BCR14, BSC20, BD21, Bot13, DOR19, GB22, HJ18, JLV05, KKO20, LH08, LW11, LW03, MW11, MR22, MSV13, MM11, PES07, Rak99, RV08, SW12, TC10, ZCW11, Zhu14].

Differential-algebraic [ZCW11].

Differentiation [DO18]. Difficult [HST22].

Diffusion [ALM18, BLP17, Bai18b, BL20, BEV22, BCV03, BR99, CCK06, CG15, DJW+21, DHS23, DOR21, DA21, FY01, Gan99, GB22, GKK99, KX203, KWS+18, KRW08, KA10, Lee16, LCHH18, LPS15, MA01, OC04, PH19, QPS23, RV21, RSCTP15, Sch12, WBM04, WZZ18, XG10, YXZ13, ZYFG11, vRH05]. Diffusion- [KRW08]. Diffusion-dominated [GBB22]. Diffusion-wave [DA21].

Digraphs [THC09].

Dimension [BTT13, CLNY15, KCS11, VS17, vGSZ15].

Dimensional [AALS01, CGPV13, CLNY15, DY04, DLSvL20, KK23b, KT08, LMM+23, LS22, NLZ11, Ob13, Rja98, SKKS22, XSS09, ZZ21].

Dimensionality [LW21, PY22, YZ13].

Dimensions [BO18, DHNR18, SBS15, XZS15, YZ13].

Direct [Dam08, GT19, JZ11, SH19, ZJ06, BLP01, CNY05, CS95, DOR21, ES09a, GMR05, HS05, MRT02, SW06, ST18, TW20, TPS006]. Directed [FM18].

Direction [BB96, DBG06, LZZ20, XJ12, ZN18].

Directional [Bör17]. Directions [DS13b, ZS08].

Dirichlet [Rja98].

Disaggregation [MM98, Pu08, PM11].

Discontinuous [ABM17, BKP02, BBS12, DLVZ06, DFF+18, ESY03, HHvR04, KT08, Wan00, WBM04, vRH05].

Discrepancy
[BC02]. discrete [AGRR21, BCV03, BDRZ21, CLTW11, DGB+13, DNR12, DHNR18, GORR16, Han13, HDA19, JK18, KM92, NR14b, PSK08, SSB04, Web10a], discrete-difference [Web10a], discretization [ABM17, BCR11, BS01, CGM11, DP03, GMSCS20, GTZ18, HHvR04, HK12, Lay05, LPV01, LOY08, LP22, SY18b, UM009, Zhu14], discrete-difference [Web10a], discretization [ABM17, BCR11, BS01, CGM11, DP03, GMSCS20, GTZ18, HHvR04, HK12, Lay05, LPV01, LOY08, LP22, SY18b, UM009, Zhu14], discretizations [AT15, BCR14, BK21, BBS12, CBE18, DMMR23, DKM+22, EGF11, GHO15, HM20, HKLP19, KOV17, Lee12, Lee16, LOS04, MW11, Osv95, PT17, RS02, SRL13, SSB15, XZS15], discretized [Bai18b, BL20, CN21, GS07, KS04, MNCT07, MRK22, vRH05], discriminant [NLZ11, WF15], disks [Pen07], disordered [Sac05], Displacement [EJK01], dissipative [BGS21], dissipative-Hamiltonian [BGS21], Distance [DFNY08, AFS14, LCHH18, NR11], Distance-two [DFNY08], distances [LMM+23], Distortion [BG02], Distributed [GL18, FO95, JO94, MW16], distribution [AFSCSU14, Ber12, BF11b, Cao09, DHSW11, GR05, MV19, SJBH14, WBL14], Distributive [GGLO08, GLOW04], div [AMM04, CP06, GGLO08], divergence [MRT02], divergences [LMM+23], divide [KNX01, LLLJ16, SK21], divide-and-conquer [LLLJ16, SK21], division [Kub92], does [NN10], Domain [BIA18, CGK94, Car97, HLM92, KKPS18, KN03, RVW98, Zhu08, AFK02, AG19, BPS13, BO18, CS96, CGM01, FLP00, GVT03, Gus03, HKKP07, JM10, Kho96, LR95, LV99, LT09, LXS16, LMM00, MD03, MZH17, MSF21, FY03, PR11, RT99, WLC21], domains [Dah02, DS02, EGMS20, HKH+06, KM92], Dominant [Yon96, MRT98, RT02, ZQLX13], dominated [AMM04, CCK06, GB22, HP97, RSCTP15], dominating [GGLO08], double [AL21, DL23, QB15], double-layer [QB15], double-preconditioning [AL21], doubling [GB11, HHLL16, LYL15, MP13, PR16], doubly [GH1098], Downwind [HP97], DP [DHBV21], DQGMRES [SW96], Dr [KXV10], Drazin [BNS20, WL03], DRIC [Not94], driven [CCX23, GA18], drivings [PM97], dual [DH04, FLP00, GH01, HP04, Saa94, Sto92, WSN19], dual-dual [GH01], dual-primal [FLP00], Duffin [LWW09], Dykstra [ER96], dynamic [Not94], Dynamical [Bat95, ESS23, BBJ17, BW17b], dynamically [MN00], dynamics [Ema12, HW19], ECLES [dCSRS19], eddy [Bai12], edge [Dah02, KSS22, RS02, ZSCX10], editing [dCSRS19], Editorial [Axe96, Axe99, Axe03, Axe04, BNR18, Bsn95, Kk23a, Lan97, NT03, Saa00a, Yav04, Mar00, NT04], effect [BS01, LW04], Effective [LH08, LLW09, HFG+22], Effectiveness [XXCB20], Effects [CJT03], Efficiency [DMM+08, CNT07, KNY99, LH17, Tur00], Efficiency-based [DMM+08], Efficient [BV00, BCV03, BEG18, DPS16, FJP12, Gem00, HPS15, HCGM23, Huc98, LV99, Poi00, SCP20, VP95, WWX10, mMP99, vVW23, BDS94, CP12, DJW+21, DGC19, DDL+21, EG11, GM17, HS13, KBF15, KR14, LR08, LM22, MPR22, Oo011, yPxp06, RGG07, TPS006, WTTZ10, XZS15, Zha18], eigCG [ARSO14], eigendata [BC09, YZB19], eigenfrequencies [BTT13], eigenpair [MPV06], Eigenpairs [ESC20, dF20, AK23, CHS22, DK95, LP16, Xie11, ZXL20], eigenparameter [Vos09], eigenproblem [BGP97, FT98, Not02a, XHZ03], eigenproblems [Bas00, BPS00, BFG95, DS13b, FLPW01, FJP12, KCS11, Ney02,
SGSM15, TY10, Vos09, XCG16, vdE02].
eigensolution [Mar16]. eigensolver [BMM+08, HFG+22, ZBCN23].
eigensolvers [BM17, GKL18]. eigenspaces [Zt05].
Eigenvalue [AN06, AB13, Cao10, KY95, LV04, Pei09, AS19, AFSCSU14, AG99, AB10, Bal05, Ber12, CQX11, CR16, CR20, CCvG06, CS02, CQLQ18, CWsS18, CMSW19, CZQ22, CX22, DL97, DHR20, DPS16, Dia09, DGP19, EKS02, GP18, HKST12, HS08, HMMP19, HLL13, HLLW05, Jia17, KPPS18, KH23, LLL97, LLK14, LLLJ16, fLWyL+21, Liv04b, LYL15, LS22, MMMM09, MVVO8, Mee01, MSV13, MP15, MZ98, PPv95, RMM19, RMM22, SLK16, SJBH14, Sim03, Sth13, VJM16, WQZ09, WBL14, Xic21, XX22, YBY19, YCY17, YLH11, ZQ12, ZQLX13, ZW13].
Eigenvalues [ESC18, AT00, BB16, BWN05, BG23, CSYS14, EFG+18, HCD15, HVCY21, HHQ13, Kol05, KCV09, KVC12, LS05, LQY13, Mai06, MM11, MV19, PL21, SHT11, TS20, XC13, YM22].
Eigenvector [NR19, LW98]. eigenvectors [AT00, CCS19, ESC18, HVCY21, Mai06, PL16]. Einstein [HXM19, HL21].
elastic [GT19, H0m06, NSCTPW22]. elasticity [AM96, AALS01, Axe99, BKY10, BLE07, Bla94, BC12, BIA18, GLGR10, GL98, GL02, GL13, HNR+18, KKO2, KS04, KSS2, KMM19, Mar94, Mar98, Pad09, Rja98, XZS09, XS11, XZS15]. elastoplastic [MBW97].
electrical [MC04]. electrodynamics [KMRR10]. electromagnetic [WDS09].
electromagnetism [CDG00, CDGmM04].
electron [OST10b]. Element [LV12, RSCTPW20, AK99, AMM04, BBP03, BMMN05, BC12, CQZ29, CKW02, CGL05, DMM+08, Do99, EGF11, EWY03, GLGR10, GTZ18, HH06, HM20, HS13, HK12, HC20, IV04, KMM18, KMMR10, KR11, KS04, KV06, Kra06, KLM14, Lai97, LV08, LR95, LMM00, LPW06, MW16, MSB18, NSCTPW22, PY03, PS00, PR95, PL21, RS02, Rja98, RSCTPW15, SGFP14, SY18b, SSB15, The98, Vas92, VL96, Vas02, WBWM04, XZS09, XSI1, ZYFG11, ZSCX10]. elements [BB00, GL13, HHvR04, KKO20, Lee10, Os95, Pul09, RS02, ZHJL12, vVW23].
elimination [GK02, Gro00, IK00, Pei03, Ren96].
Elliptic [CGK94, AV94, BBP03, BBS12, BCZ12, CC92, CW97, CS02, CGL05, CEL+96, DHS23, DMMR23, DLVZ06, Dob99, DHR+04, DP03, ELV94, EWY03, GN00, GTZ18, HKST12, KKO20, KWO9, KKR23b, KRO6, KTM08, KLM14, KM92, LPV01, Lee19, Lee21a, LW03, MRT02, MSS07, MM11, Ney02, RAK99, RT99, SKKS22, SY18a, Sta96, Vab20, VL96, Wan00, ZSCX10, Zhu08, Zhu14].
Embedded [GNR14]. embedding [FLPW01, QV21, RVW98]. EMC [Ver00]. enables [MC08]. enclosure [Miy15, OOO11]. encountered [BMMR18].
energetic [Lee12]. Energy [VSG09, BBM+06, KV06, Lee12, MD03, SWY07].
ergy-based [BBM+06].
Energy-minimizing [VSG09]. Engine [RSR10]. Engineering [LD08, NL09, WW08a, CEQN07, Mar16, An08].
Enhanced [KH23, RNV21]. enriched [HDA19]. entries [EW13, FSS18, Par03].
envelope [BPS95]. Environment [ADP96, CEQN07, TT10]. environmental [MS07]. epidemic [GCLG18]. equalities [CP$^$S06]. equality [DR03, LV98].
equation [AY11, AB12, AJ94, BD21, BMP11, Bot13, CKW02, CD11, Cha07, CMG11, Dah02, DO18, DA21, DK15, ESS23, FZwCW17, GH23, KP10, Lee12, Lee16, LB08, LS15, LLV19, Lu05, Miy15, Os95, yPb06, yPES07, RV12, SY18b, SW12, Tia13, TH19, WTZD10, Zhu14, vRH05].
Equations [BFG+18, GL05, ARM14, ABM17, AB12,
Axe99, AC11, BPS15, BGX06, BCR11, BCR14, BLP17, Bli18b, BL20, BKP02, BEV22, BSC20, Bau08, BMAA16, Ben08, BLP08, BES14, BR99, BG05a, BMNR18, BG00, BHHJ13, BCZ12, BFM12, CLR10, CN21, Che02, CH03, CL23, CQ10, CSZ21, CB21, Cor04, DJW+21, Dam08, DSV18, DW21, DIPR19, DOR19, OR21, DBG06, DMMR23, DXW12, DLYZ06, DFF+18, FHM21, Gan99, GB11, GBB22, Gem00, GS99, Gra08, GD11, HS21a, HM18, HFW01, HNR+18, HES15, HM14, HLLL16, HXM19, HL21, IP13, IKAA22, JMPR18, JLW05, JL09, JO94, KKO20, KW99, KS04, KWS+18, KPT14, KS15, KLMP21, LR08, Le10, LB21, LH08, LLW09, LH08, LG12, LXX17, LSC21, LW22, LWS+23, Liv14, LW03, LPS15, LPSV18, LMM00.

Equations [LRGO17, MV13, MNCT07, MW11, Mar94, MZHB17, MRK22, MM09, MC00, MDMS23, MSV13, MM11, Miy17, NFD10, Ols99, PM07, PR95, PR16, P07, QPS23, Rak99, RBV08, RSCTP15, SL19, Sm09, SC09, Ste99, Szy94, TC10, TSP006, Tyr05, USS21, Var08, V09+22, WRW18, WCV20, Web10a, WZZ18, XS09, YDH11, YXX13, ZCW11, Z09, Z18, Z21, ZSWX13, Zhu08, vVW23]. Equidistantly [Rie09]. Equilateral [RSCTP15].


Expanding [HC20]. Expansion [DS02, GT16, MS07, RR12, ROA13, SLK16]. Expansions [Tre05]. Expectations [FOV21]. Experience [BGM11]. Experimental [RR12]. Experiments [ABK97, GL02]. Exploiting [VJM16]. Exploits [NL16]. Exploring [AMR18]. Exponential [PD05, BV00, BCV03, DQW15, LLS12, Mor07, PS11, Rag14, Sm09, VS17, WtFW15]. Exponentially [TS20]. Expressions [LT08, Not05a]. Extended [BL22, DPP16, Du19, KS10, VEV23, WX21, ZHZ20]. Extending [ARSO14]. Extension [BKP02, BCB14, DHR20, HW22]. Extensions [Sun06]. Exterior [GH01]. Extracted [SPD05, SP06]. Extractions [LNY15]. Extrapolation [CRZT20]. Extremal [Jia17, LT08, Vla00, Zha16]. Extreme [BL22, BHL+22, HCD15, HHQ13].

F.E.M. [AM96]. Faber [Nov03]. Factor [Ao09, Cha12, DM10, GIK02, GH23, HW18, IK00, KM09]. Factored [KKN01]. Factoring [BG06a, Kau07]. Factorization [ADP96, BN21, AGH21, BT03, Bla94, CCG00, CGK03, Cha12, DHS95, DCT18, FG02, GN00, KNN00, KM92, Le 23, LSS18, MW16, OS01, RTN03, Saa94, SK01, ST17b, XCCB20, XQ09, ZHJL12]. Factorizations [AMMP06, Bea94, CCS10, CH94, CV03].

Error [An09, Cha12, DM10, GIK02, GH23, HW18, IK00, KM09]. Factoring [BG06a, Kau07]. Factorization [ADP96, BN21, AGH21, BT03, Bla94, CCG00, CGK03, Cha12, DHS95, DCT18, FG02, GN00, KNN00, KM92, Le 23, LSS18, MW16, OS01, RTN03, Saa94, SK01, ST17b, XCCB20, XQ09, ZHJL12]. Factorizations [AMMP06, Bea94, CCS10, CH94, CV03].
GPBi-CG [Aih20]. GPBi-CGstab [Aih20]. GPCG [Bla02]. GPCG-generalized [Bla02]. GPU [HCGM23]. grad [GGLO08]. grade [IT05]. graded [BLZ08, BCS09]. Gradient [LWZ22, AM05, BL22, BGP97, BN21, BMSS09, CNT07, CGY22, Cha07, CI23, CHCS22, DMY03, DW15, DR03, Hac02, HZZC23, IIFM23, Kap02, LCZZ21, Liu22, MO94, Mey94, OHD21, PR95, SZ11, WD08, Wei94, YBZ19, ZM20].

Gradient-like [Mey94]. gradient-type [LCZZ21]. gradients [GSTPT21, Not02a].

Grain [Vom12]. Gram [Dax04, LBG13, LL97, MPR23, SLA 21, Van00, WL08, Zou23]. graph [FM18, KXZ03, QV21]. graphs [CNZ17, EJK01, LCHH18, VZ14].

Greedy [LWZ22, AM95, BL22, BGP97, BN21, MW06, Mit10, OCYM08, YXZ13, ZMO10].

Greedy [LWZ22, AM95, BL22, BGP97, BN21, MW06, Mit10, OCYM08, YXZ13, ZMO10].

IBLU [BLW08]. ice [AMR18]. ice-sheet [AMR18]. identification [EAA19, LNP12, ZYL13]. identify [GB15]. III [ELV94, GL02]. III [CSCTP05, GKY97, GL13]. IJNMBE [NL09]. ILDLT [Bas00]. Ill [LHW11, AGRR21, BDRZ21, CLTW11, DNR12, DHNR18, Est09, GORR16, HDA19, NR14b, NCV05, RU22, Sp121, Ye20]. ill-conditioned [NCV05, Sp121, Ye20]. Ill-conditioning [LHW11]. ill-posed [AGRR21, BDRZ21, CLTW11, DNR12, DHNR18, Est09, GORR16, HDA19, NR14b, RU22]. ILU [AMMP06, CGJ21, May05, May07, SZ99]. ILUCP [May05]. ILUT [Bas00]. ILUT/ILDLT [Bas00]. image [BC02, BDRZ21, CFAM16, CXY09, CNSY05, Don05, GHWO6, HHM10, Ham06, JNS19, LW21, PN18, Per06, RGM17, SKR08]. images [BNT94, NWZ17]. imaging [BNP15]. IMMB [Axe99]. Impact [SWW21, Ano99]. Implementation [AK99, BISC14, BM05a, DMY03, MM18, WF15, YAG20]. Implicit [FP95a, BGX06, Bai12, BM05a, BD15, Che15, DL23, HL16, ISZ09, LW01, LZZ20, MC04, PBN05, VVM05b, Wan18a, ZZ21, ZS08, ZBCN23, mMvdV02]. Imposing [Szu14]. Improved [ARMW14, Cor04, JO04, LW15, BVV12, CGPV13, HZZC23, LV12, LC21, Sim06]. improvement [WCZ15, WL03]. Improvements [BB06]. improves [HVX16]. Improving [BKY10, CSB20, DV19, GKL18, GKV12, ST17b]. impulse [LCZZ21]. including [CDDDZ19]. inclusion [LHLS07, LLK14, THCO9]. inclusions [GKK19]. Incomplete [FP21, Jia96, BT03, Bla94, CCS10, GNN15, Gro00, JO04, KAP02, KNY00, RTN03, Reu96, Saa94, SW96, Saut95, ST17b, VS17, XCCB20, ZHLJ12, mMvdV02, mM04, GKY97].

incompressible [BKP02, DFF+18, HW19, HK12, Kovan17, LV04, Ols99, OZ22, Tur00, Web10b, Web10a, vKVW00]. incorporated [TYF23]. increasing [DM03, HVX16, NR22]. increasing-angle [DM03]. Incremental [CCS10, BT92]. indefinite [BRT07, CL96, CK10, CS95, CRV14, GM17, GMTV16, Krz11, LT09, Liv14, PS00, ST17b, SL10, TT15, Vas92]. Indefinitely [DR03, LV98]. Independence [He21, DS08]. independent [CCS19, CJL08, FS21, KPV06]. index [RNV21]. indirect [BLP01]. individual [PL21]. induced [Lay05, vGSZ15]. industry [mM04]. inequalities [AM96, CPSM06, DKVB15]. inequality [AALS01, Bla03, DGRR11, DH04, DR03, EM95, Mar94]. Inertia [CR20, DCT18, KC17]. Inertia-based [CR20]. inertia-revealing [DCT18].

Inexact [ABK97, DDKR23, HD07, Sid11, XX22, Bir15, CQ10, Dax19, FK15, GB11, GP18, HLM92, HW18, KK02, KPVD6, LLL97, LZZ20, LW98, MB21, Sim03, WtFW15].

infimum [Chu04]. infinite [BMMR18, Ozb13, VJM16]. Information [Ano12a, Ano12b, Ano12c, Ano12d, Ano12e, Ano12f, Ano13a, Ano13b, Ano13c, Ano13d,
Ano14b, Ano14f, Ano15f, Ano15a, Ano15b, Ano15c, Ano15e, Ano16a, Ano16b, Ano16c, Ano16d, Ano16e, Ano17a, Ano17b, Ano17c, Ano17d, Ano17e, Ano17f, Ano18f, Ano18a, Ano18b, Ano18c, Ano18d, Ano18e, Ano19a, Ano19b, Ano19c, Ano19d, Ano19e, Ano19f, Ano20a, Ano20b, Ano20c, Ano20d, Ano20e, Ano20f, Ano21a, Ano21b, Ano21c, Ano21d, Ano21e, Ano22a, Ano22b, Ano22c, Ano22d, Ano22e, Ano22f, Ano23a, Ano23b, Ano23c, Ano23d, Ano23e, Ano23f, Ano14a, Ano14c, Ano14d, BF96, FJ05, TYF23.

information-incorporated [TYF23].

initial [Nov03, PBN05, VL11]. initializing [BMM +08].

Innovative [BDRS12]. inpainting [JNS19].

integer [CP12]. integers [DOP21].

integrable [SHT11]. integral [AFSCSU14, CZS22, HSY18, MM09].

integrals [LO15]. integration [ABK15, FS21, HFG +22, KKPS18, LLS12, MC09].

integration-based [HFG +22]. integrator [SL19]. integrators [Ber01, LJo4, Mor07, Rag14].

integro [GBB22]. integro-differential [GBB22].

intensity [GKV12]. inter [MC08].

inter-grid [MC08]. interaction [SV11].

interchanges [EM11]. interdisciplinary [BNR18]. interest [FOV21].

Interface [Wan00, JM10, XM17, Yot01, ZYL13].

interface-based [XM17].

Interior [LMV04, PPS20, BMM06, BGM +21, BCS09, BPS13, HP04, MST16].

Interior-point [LMV04, PPS20]. internal [HKH +06].

International [NL09]. Interpolating [MNS05]. interpolation [BKY10, DFNY08, Gan05, HK21, HM03, KKS19, KV06, KV15, LY15, MMPR10, Pul16, Rie09, TY20, Vla00, Web10b, Yan10].

Interpreting [CPSM06]. interval [DPS16, Jia17, KSB13, Roh92, SH19, YLH11].

intervals [Jia17, LHL07, THC09].

Introducing [MS07]. invariance [JYZ17].

invariant [AG95, DF01, MK94, MP16, YL08]. Inverse [LC05, NR14a, SP18, Tre13, AS19, AEHV14, BF11a, BNS20, BM13, BPS00, BFG95, BFM12, BSI17, CC07, CWw18, DL97, DHR20, DW07, DWQ13, EW13, EKS02, Egg07, EHM95, FGT11, FP21, FK15, Han13, ISZ09, JZ09, JK17, JK18, KKNY01, Kho96, KNY99, KKMM12, LLL97, pLL07, LWW09, LZY11, MB21, Ma22, MV13, MP16, MGF +02, NY03, yPyHZ04, SCP20, Sol14, Sot13, TS12, WL03, XHZ03, XCG16, YBZ19, ZN18, Zho06, Ney05]. inverse-free [MP16].

inverses [BSMN22, Cor04, DK23, FSS18, Gus03, Huc98, LXW13, VR23, WN05].

inversion [BO13, KK02, LPS15, LPSV18].

inversions [Dax19]. invert [MP14, PS11, WtFW15, Sim03].

invertibility [Den09]. investigation [KS10]. involving [DA21, DWQ13, HL21, PPS20].

ION [Jia96]. ion [LO15, TC10]. ion-atomic [LO15].

IPARS [LVW01]. IRAM [Xie11].

IRAM-based [Xie11]. Irreversible [BL03].

ISBN [Nab97]. isogeometric [CBE18, EFG +18, GMS20]. isolation [EKS02]. isometric [Gar01, Gar02].

isospectrally [WW15]. isotropic [BL20].

Issue [Ano08, Ano12a, Ano12b, Ano12c, Ano12d, Ano12e, Ano12f, Ano13a, Ano13b, Ano13c, Ano13d, Ano14a, Ano14b, Ano14c, Ano14d, Ano14e, Ano14f, Ano15f, Ano15a, Ano15b, Ano15c, Ano15d, Ano15e, Ano15f, Ano16a, Ano16b, Ano16c, Ano16d, Ano16e, Ano17a, Ano17b, Ano17c, Ano17d, Ano17e, Ano17f, Ano18f, Ano18a, Ano18b, Ano18c, Ano18d, Ano18e, Ano19a, Ano19b, Ano19c, Ano19d, Ano19e, Ano19f, Ano20a, Ano20b, Ano20c, Ano20d, Ano20e, Ano20f, Ano21a, Ano21b, Ano21c, Ano21d, Ano21e, Ano21f, Ano22a, Ano22b, Ano22c, Ano22d, Ano22e, Ano22f, Ano23a, Ano23b, Ano23c, Ano23d, Ano23e, Ano23f, LD08, CLR13, Dat01,
issues [BM05a]. Iterated [BDR17, AN03a]. iterates [DS13b]. iteration [BDR17, AN03a].

Fal06, VW01, Vas05, Axe99]. Iterated [BDR17, AN03a]. iterates [DS13b]. iteration [BDR17, AN03a].

[AS19, AT15, AN94, BXG06, Bai10, Bai12, BZ13, BLP17, Bai18a, Bai18b, BL20, BM13, CH05, Che15, CX22, DL23, Egg07, FK15, GB11, GH01, HMS99, HL16, HW21, HFG+22, KO18, Kra02, KKR14, LLL97, LLPC23, Lam12, LS15, LZZ20, MM18, PS95, Pas19, Spi21, Wan18b, Wan18a, wX15, YHS18, Zho06, ZS08, Ney05].

[236x526]iterations [BGN07, BG05a, FJP16, GGZ12, HN05, Kap05, KLN99, LZ09, Lin12, Lu05, NZ14, Saa00b, Sch99, ZL22].

Iterative [AT00, BF11b, CGK94, DBG06, GMR05, LPV01, MO16, MSB18, NZ14, PM97, AEHV14, AEHV15, AK00, ABNP15, BEH+17, BM17, Ber01, BR99, BN21, BDRZ21, CR16, CH05, CK01, CK10, DA21, ELV94, FM99, GKK19, GTY97, GuS97, HG00, HES15, HY22, HM14, HW22, LR08, Lee10, LP22, LSL01, LZZ20, LZY11, LW16, LCZZ21, LMJ14, MM98, NO04, OC22, Obs99, yPxP06, PR96, PR11, PH19, Pul08, PM11, SH19, Sm19, Sol14, Sun06, Szy97, WDS09, WCW20, WTD10, WW11, WX21, ZW10, Axe99]. IV [KNY99]. Ivo [SGP14].

J [NN15]. Jacobi [ESS23, BFdP13, BFG95, FJP16, GS99, HLLW05, MSV13, Not02a, Sch99, Zo06, vNR07, vdE02].

Jacobi-Newton-iterations [Sch99].


Kutt [Che15, FS21].

L [Nab97, CZ02, DH18, ZMO10]. L-BFGS [DH18]. L-shaped [ZMO10]. L. [JK09].

Lagrange [Cor04]. Lagrangian [EG16, MG08, MP16, OZ22].

Lagrangian-type [EG16]. Lagrangians [LD07]. Laguerre [DOP19]. Lamé [BKP02].

LAMG [FM18]. Lanczos [ARSO14, Aih20, AGRR21, BB16, BBJ17, CGY22, CS18, CWW97, CC03, FG02, FJP16, GORR16, Lam12, LW98, Mec01, Mor09, PV99, PS11, Par92, Sim03, Zo18].

Lanczos-type [Aih20, CWW97, FG02].

Laplace [QB15, SLV13]. Laplacian [CV13, FM18, HM20, TT15, UM09, XC13, DHBV21]. Laplacians [BO08]. Large [Ben08, Jia96, W001, AHJ20, AG99, ADT19, Axe98, BW19, BB17, Bar02, BCB14, BLPO9, BES14, BV00, BG00, BG05b, BHH13, CLR01, CRS05, CG21, DMY03, Dax94, DNR12, DGM+16, DGP19, DHBV21, DR03, EW13, ED22, FSB21, FJP12, GLJ19, GTY97, Gra08, GR04, HJ18, JZ09, JK17, KBF15, LLL97, Lee16, LV98, Mar16, MZ98, RK18, SCP20, Sid11, Sir19, VS17, WDS09, Xie11, vGSZ15].
Localization [KVC12]. localizations [KCV09, KCC16]. localized [HVCY21].
Locally [RSCTP20, BB00, BL22, KR11, MK23, ZLX20]. location [LC21].
locations [BB97]. Loève [SLK16].
logarithm [Lor14]. logarithmic [DHW16].
Long [Kem12, KK16, Yan10]. location [LC21].
locations [BB97]. Loève [SLK16].
logarithm [Lor14]. logarithmic [DHW16].
Long [Kem12, KK16, Yan10]. Long-time [Kem12]. look [LYL15].
loosely [TSPSO06]. Low [AN07, Bau08, BF96, CH94, DFZ05, SLA+21, VHM+22, WN18, WLC21, YZCQ23, AT15, AMMR17, BE09, BHL+22, CCX23, CWWZ22, DPPV19, DBLP16, ESS23, ED22, Gra08, HS18, HC05, JMR18, KKR21, KO18, KPT14, KS15, Laz16, LXS16, LW21, LO15, MKR22, NL16, NY03, ORU23, QXB09, SLV04, SLV06, Tyr92, ZXS20, ZG22].
low-communication [AMMR17].
Low-complexity [DFZ05].
Low-density [NY03].
Low-order [VHM+22].
Low-rank [BF96, CH94, WN18, WLC21, AT15, BE09, BHL+22, CCX23, CWWZ22, DPPV19, DBLP16, ESS23, ED22, Gra08, HS18, HC05, JMR18, KKR21, KO18, KPT14, KS15, Laz16, LXS16, LO15, MKR22, NL16, ORU23, QXB09, ZXS20, ZG22].
Lower [ZLLH23, Alb06, SPD05, SP06].
LQ [BG00].
LQ-Schur [BG00].
LSQR [RY08].
LTI [ZS08].
LU [CCS10, LW15].
Lucas [DOR21].
Luré [PR16].
Lyapunov [BLP08, CSZ21, Dam08, DSV18, KPT14].

M [KVW10]. maintaining [Par92].
Making [LSJ18, CEQN07]. manifold [KO18]. manifolds [MK94, SZ11, SVV22].
manipulations [HK21]. Manteuffel [Lee01]. manufacturing [CYNN05].
mapping [BG02]. mappings [BGS21, Gar02]. maps [MK94]. Marek [SGP14].
Markov [AD11, BLLA11, Ben11, BK11, BL03, BDS94, BH16, BCC98, Buc11, BF11b, Cas11, DSV18, DWSW11, DMTY11, FHH94, KNX01, LLLV19, MPS96, NX03, NW15, Sid11, VFDv13].
Markov-modulated [BLLA11].
Markovian [BMP11]. mass [AMB17, EKS02, KLSC23]. mass-conserving [AMB17].
master [DO18, DK15]. matching [BCZ12, DGC19, KXXZ03].
mathematician [Voe92]. Matlab [Bra02].
Matrices [DKM+22, Yon96, AFSCSU14, AIT05a, AD19, AN94, AN06, AB10, AN13, AB13, Axe15, Bai16, BI16, BPS95, BP13, BNT94, BH07, BF11a, BF19, BM13, BT03, BV00, Ber12, BW05, BG05a, BG23, BFGF95, BN21, BG05b, BFIM2, BCC98, BCGM09, BM05b, BM06, CS96, CCX23, Cao08, Cao09, Cao13, CDDSC12, CCLN05, CGK05, CX05, CDDZ19, DLSV12, DPP16, DOP19, DOP21, DP23, Den21, Dia09, DS10, Don10, DNR12, DS13a, Dos99, DCT18, DHNR18, ESC18, ESC20, ES09b, Est09, EQ16, FLR03, FG02, Fas05, FP95a, FBSC21, FP21, FSS18, GI02, GS97, GR04, HH06, HLM+18, HR05, HS15, How18, Hua12, HC05, I016, IK00, J094, Jia17, Kau07, KN07, KS22, Kol05, KC17, Kra02, Kra06, Le 23, Leb02, LVD02, LSL01, LS05, LHL07a, LSL05, LSO6, LHL07a]. matrices [LW21, pLL07, Mai06, MP18a, MPB20, MPR22, MPB23, MM98, Mar16, MM09, Mat96, MW16, MDMS23, MCC+12, MN05, MYZ16, NSCTPW22, NR11, NPR13, NR19, OS01, Pe09, yPyH04, Pio00, RSCTP20, RMM19, Sch10, SJBH14, SS97, SB03, Sol14, SST18, Sun06, SK21, TS20, Tre05, Uh02, VVM05a, VP95, VVM05b, VVM05c, VV15, Vas92, VR23, WBL14, XCLG10, XH03, XM17, YM22, YPC20, YLH11, ZLLH23, ZH00, Zol16, dF20, vN00, Nab97].
Matrix [AB00, AG95, AC11, BK21, BFG+18, Bun92, GTY97, Not05a, YNP04, Zha92, AK23, AFS14, AH02, AEVH15, AD11, Bai10, BSC20, BB17, BE09, BF013, BB01, Ben08, BW05, BG05a, BMMR18, BFG18, BG00, Bör17, Bos19, BHHJ13, CCE+18.
CCS19, CCG00, CH03, CLC11, CSYS14, CGS20, CH21, DPRV19, DBG06, DGRR11, DGM+16, DK95, DLP16, EW13, EM95, EHM95, ER96, FLPW01, GBB22, GMS18, GHR98, GGZ12, Gra08, HJ18, HK02, HK21, HM03, HS21a, HVCY21, HL16, HM16, HHL16, IP13, Ibr02, JNS19, JZ11, KV92, KKR5, Kap98, Kap99, KNX01, KH07, KS10, KO18, KM09, KR14, KPT14, KS15, KLMP21, LZ09, Laz16, LOY08, flyHZ11, flWyL+21, LZ22, LZ23, pLI07, LH17, LT08, LT11, Lor14, LPS15, MVV08, MSS07, MRT98, Miy15, Mor09, MP14]. matrix [OOO11, OOO16, yPxP06, yPES07, QvGvW+21, Rja98, Roh92, ST23, Sau95, Sha98, Ste99, SHT11, TS12, TT10, THCO9, Tia13, TY10, US19, Vas02, VS17, WW08b, WTZD10, WtFW15, WF15, XJ12, Xie11, XQ09, wX15, YDHH13, Yan23, YHAG20, ZJ06, ZN18]. matrix-dependent [Sha98]. Matrix-free [BK21, GTY97, YNP04, PS11, yPxP06, yPES07, QvGvW+21, Rja98, Roh92, ST23, Sau95, Sha98, Ste99, SHT11, TS12, TT10, THCO9, Tia13, TY10, US19, Vas02, VS17, WW08b, WTZD10, WtFW15, WF15, XJ12, Xie11, XQ09, wX15, YDHH13, Yan23, YHAG20, ZJ06, ZN18]. matrix-valued [DGM+16, Xie11]. max [BDK+15]. max-length-vector [BDK+15]. maximal [LW16, RMM19]. maximization [DDM23, SH14]. Maximum [BCHT04, Gar02, CCLQ18, ES05, NG15]. Maximum-weight-basis [BCHT04]. Maxwell [GS07, LGS12, MV13, MZHB17, ZSXW13]. McCormick [Lee10]. mean [Ian16, KNX01, YHAG20]. means [MS14, RNV21]. measure [BG02]. measures [Buc11, OST10a]. mechanical [LV99]. mechanics [Ada04, Axe99, GMTV16]. mechanism [DH18]. mechanisms [MYD20]. Medal [Ano08]. media [BKPO2, CGPV13, GM17, KP10, NH06, SBS15, WWX10, Yot01]. Median [LNY15]. Memory [KR14, FO05, GMTV16, J094]. Memory-efficient [KR14]. memoryless [USS21]. meromorphic [BEG18]. Mesh [KPV06, AG19, BC10, BGM+12, DJW+21, DHR+04, DS08, HST22, KPV06, ŠBS15, YPC20]. Mesh-independent [KPV06]. meshes [BB00, BLZ08, BCS09, CH21, HSM99, KR11, KV96, Mav01, OZB+18, RSCP15, SRGL13, XZS15]. meshfree [CN21, LOY08, LOS04]. Meshing [HKH+06]. Method [Jia96, AC23, Aih20, ABBP10, AK99, AN94, AM95, AKF02, AG19, BC09, BG13, BB16, BBJ17, BMM06, BES14, BL22, BS01, BGM+21, Bla02, Bot13, BHHJ13, BMMS20, BC12, BC12, BC09, BPS13, BP22, BDRZ21, CKW02, C2Z0, CNT07, CQX11, Cha07, CGL05, CH05, CG15, CS18, CZS22, CNY05, Cho03, CK01, CBE18, CP06, CHCS22, CK14, DL97, DMY03, DHR20, DSH23, DDKR23, Dax94, Dax19, DOR19, DOR21, Dem21, DA21, DGM+16, DJ09, DGP19, DS13b, DR03, EKS02, ES09a, EW03, FL00, Fer96, GBB22, GHT09, GS09, GT09, GT19, GD11, Hac92, HK21, HCD15, HKKP07, HS18, HES15, Hno06, HD07, HHQ13, HC20, HLL13, HW18, HSY18, IKAA22, JM10, Kap94, Kem12, KY95, KKNY01, KK16, KW99, KXX03, KPV06, KR11, KS10, KS22]. method [KLS23, Kra02, KT08, KLM15, KPT14, KM92, LV08, LPV01, Li00, LT09, fLWyL+21, LW23, LB08, LS15, LH17, LW17, LCZZ21, Liv14, LJ14, LP16, LPSV18, LS22, LMM00, LV98, LMV04, MZ15, MB21, Ma22, MO94, MM08, MRT96, Mee01, MSV13, MP15, MW06, MBW97, Mit10, MP14, MN00, NQ96, NR14b, Not94, ODH21, PS11, PS95, PY22, yPxP06, PR95, PR96, PR11, PT17, Rak99, RU22, RS01, RS02, RV12, Reu96, dCSRS19, RT99, ROA13, RMM22, SKKS22, Sha99, Sim03, Sim19, Sun06, SHT18, SK21, TS12, Uhl23, US21, WD08, WQZ09, WC15, Wan18b, Wan18a, WBWM04, WSN19, WTTZ10, Wt15, WX21, XS20, XJ12, XSZ15, Xie11, Xie21, XQ09, XX22, YHS18, Yan18, YBZ19, YYN12, YXZ13, YZCQ23, YHAG20, ZYFG11, ZN18, ZLLH23, ZY13, Zit05, ZM20, ZMO10,
Methods
[Ano08, CGK94, Den18, LD08, NL09, QACT18, VW01, WW08a, ARMW14, AM96, Ada04, AD12, AGRR21, AEHV14, AEHV15, AABHV18, AMMP06, AK94, AV94, Axe98, Axe99, AK00, AN03b, ABNP15, ABK15, Axe15, BR07, BGX06, Bai09, Bai10, Bai12, BDRS12, BZ13, BCR14, BLP17, BZ17, BNR18, Bai18a, Bai18b, BW19, BL20, BP13, BLE97, Baz08, BMAA16, BGM11, BK11, BEH+17, BGP97, BR99, BGW05, BDV06, Bra21, BCS09, BO18, BB96, BM05a, BS17, BHL+22, CEQN07, CS09, CS11, CGM01, CS02, CSCTP05, CEL+96, Che02, CCK06, Che15, CNZ17, CWs18, CL23, CWs97, CK10, CRZT20, Dam08, DMM+08, DMTY11, Den12, Den14, DBG06, Dob99, DFF+21b, DL23, DFF+18, EZ96, EGMS20, EN17, EM11, ELV94, Fal06, Fal10, rFS09, FM99, FM15, FP95b, GB11, GMSCS20, GLGR10, GORR16, GLJ19, GZ16].

minimal/maximal [RMM19].

Minimization
[EHM95, CGD00, Car97, DMY03, DFZ05, Het07, KV06, MD03, Nz14, XJ12, Yan18].

Minimizing
[CvG11, STGPT21, AMM04, VSG09].

Minimum
[GH01, DE98, DBG06, DS10, Gus03, HSM99, Kap05, Mfy15, Saa00b].

minmax [Vos09].

MINRES
[SHZ20, KK13].

mirror [BCK05].

miscible
[HC20].

Mixed
[CGY22, DXW12, KMM18, AB10, AB13, BBG13, Cao13, CEL+96, CCK06, GH01, GTZ18, GTO9, GS07, HC20, Lai97, LPV01, LG512, LW17, OC22, PY03, PS00, PT17, RVW98, SWW21, SB515, VL96, WBM04, Web10b, YZ13, ZY19].

mixed-hybrid [SB515].

mixed-order
[Web10b].

mode
[STZ12].

Model
[Al05, Sha99, AMR18, BLLL11, BBJ17, FLPW01, GA18, Gus98, KN03, Lec18, MV13, WSN19, XG10, ZS08].

model-order
[MV13].

modeling
[FH94, WWX10].

modelling
[Gar04, GMR05, LO15, NH06, SWY07].

Models
[CEQN07, Bai12, BL03, BV13, Buc11, DHWS11, GM07, TGL18, HKLP19, LNP12, PGT14, QX09, TC10].

modern [MM97].

Modifiable
[BE09].

modification
[CSYS14, ZG22].

Modified
[HL07b, wX15, Bef94, CS05, DJ09, Kap02, KPV06, NR14b, Sun06, WZ15, SB12].

Modifying
[Alb06].

Modular
[BC02].

modulated
[BLLL11].

Modulus
[Bai10, BZ13, BZ17, HL16, Mez20, DJ09, HM16, LZ22, LZ23, wX15, YHS18].

Modulus-based
[Bai10, BZ13, BZ17, HL16, Mez20, HM16, LZ22, LZ23, wX15].

moment
[AK16, GR98, VfdV13].

Moments
[BFM12, HFG+22].

Monotone
[IV04, IKAA22, LWS+23, USS21, ZS15].

monotonic
[LD07].

monotonicity
[Mar95].

Monte
[AK16, BEH+17, RNV21].

Moore
[DW07, DWWQ13, KKKM12, LXW13].
Moreau [PSW14]. Morrison [HS21a].
mortar [DP03, PY03]. motivation [MM18].
Motzkin [ZL22]. MRRR [MPV06].
MSMAOR [CK14]. Multi
[HN06, TYP23, BCK05, CS02, CLNY15, Lee12, PDV05, RNV21, SZ99, SV11, TC10, XM17, ZHJL12, vGSZ15]. multi-channel
[AD12, BB00, BW17b, Bra21, BCS09, BO18, BBKY06, Den12, Den14, DFF+21b, Fal08, Fal10, GLGR10, KRW08, Lee18, Lee19, Mav01, SRGL13, Wie99, WTWG14, ZVO14, Ada04, ALM18, AY11, AK19, BZ17, BKY10, BD21, BLE97, BBS12, BO08, BH04, BISC14, BMS17, BDV06, BLZ08, BMM+08, BVV12, BKM+12, BDM+14, BS10, BHL+22, Cho03, CH21, CBE18, DY04, DFNY08, DFF+21a, DMMR23, Don05, Don10, DKM+22, DHR+04, EZ96, Ema12, Fal06, FM18, FM15, FS21, GM17, GLOW04, GGL08, GHT09, GKV12, GT09, Gra08, GHJV16, GH23, GMOS06, HBH10, HM18, HM20, He23, HNR+18, Het07, Höm06, IV04, KX003, KR11, KS22, KR06, KLM15, Lee12, Lee16, LB21, Lee21a, LOS04, LCHH18, Liv04b, Liv14, Lot23, LJM14, LD07, LRGO17, MO11, MMC12, MO14, MMPR10, MWZ06]. multigrid
[MBW97, MC08, Mit07, MSF21, MW21, NN11, NFD10, NSCTP05, NSCTPW22, Not05b, NV08b, OST10a, Pht09, PT17, RS02, RV12, Ren96, RNV21, RBV08, RGV17, Sei10, Shg98, SY18b, SKR08, SSSF23, SSB15, TGRKR10, TC10, TY10, TH19, UMO09, VZ08, VY14, Wan00, Web10b, Web10a, WZZ18, XZ09, XZ15, YW12, Zhu14, ZMO10, vRH05, DM10, Den18]. multigrid-based [UM009]. Multigrid-in-time [BW17b]. multigrid-reduction-in-time [FS21]. multigroup [KWS+18]. Multilevel [AT15, CEL+96, CV03, LSC21, MFFJ18, Osw95, PLMV23, QV21, Sta96, AM96, AMM04, AN94, AV94, BMN05, BCZ12, CL96, CGJ21, DMTY11, DGM+16, FOV21, Kra02, Kra06, KT08, KMS08, KLM14, KP10, Lai97, LSS03, LM06, MM95, May07, Not98, Not02b, Not05b, Pad99, QvGvW+21, SS02, Sha99, SLV13, Th98, US19, XCG16, Yot01, vN00]. Multilevel-in-width [PLMV23]. multilinear [KWS+18]. multiparameter [RMM22]. multiparameter-eigenvalue [RMM22]. multiphysics [Yot01]. multiple
[ARSO14, ARMW14, CN27, HKLP19, MA06, RNV21, SHJ18]. multiple-network [HKLP19]. multiplication
[Kap09, OOO11, OOO16, WF15]. multiplicative [CL96, LSC21]. multiplicity [CC20]. multipliers
[BGM+21, ZN18]. multiprecision [BB16]. Multiprocessor [ADP96]. Multiscale
[HPSS03, BIA18, FP15, VSG09, WWX10]. multisecant [FS09]. multisensors
[CNSY05]. Multisplitting
[RLG12, AMP99, BZ13, CS09, CS11, JS96, LSL01, Mez98, Ren98]. multisplittings [BCC98, CP99, FP95b]. Multistage [OC22]. multistep [BNW05]. multivariate
[HDIS18, LQZ12, MKV04]. multiwavelet [DOR21].

Nath [CLR13]. Navier
[AB12, CA09, DFF+18, HFW01, KOV17, LMM00, Ols99, PT17, QvGvW+21]. near
[CN05, Ver00]. near-circulant-block
[CN05]. near-singularity [Ver00]. nearby
[AFL14]. nearest [CGS20, DBLP16].
GMS18, GHR98, MRT95, NW15, ST23.
nearly [BKP02, HFW01, NA97, RSCTP15].
Necessity [BF19]. Necessary [Pul08].
negative [BMM06, CfX05, PR11, Yun23].
Nested [Bla03, GNQ15, MO16, MM18, vV94].
Nesterov [HY22, MYD20]. network
[CHCS22, HKLP19, NR22, PLMV23].
networks [GB15, Lee18, WWC15].
Neumann [KMM19, RT99].
near [BN13, CCGM05].
negative [BMM06, CfX05, PR11, vN00].
non-aligned [YXZ13]. Nonconvex
[DB23, HZ23, Laz16]. Nonequivalence [FLPW01].
Nonlinear [Gra08, Vab23, AMMP06, AC11, BRT07, De 13, DGRR11, rFS09, GD11, HM16, IKA22, LB21, LZ22, LWS+23, MV13, MSV13, Naz95, yPES07, SGSM15, SCD94, USS21, VJM16, Vos09, WRW18, Xie21, XZS10, ZZ15]. Nonlinearly
[DH18, DW15]. nonmatching [OZB+18].
Nonnegative [ADMS22, ACGH21, BGX06, BGM09, BGM11, CQZ13, DDL+21, HKL21, Sot13, Van23, WWC+15, ZQ12, ZQLX13, ZQW13, ZWQA18].
nonnegative [ADMS22, AC821, BGX06, BGM09, BGM11, CQZ13, DDL+21, HKL21, Sot13, Van23, WWC+15, ZQ12, ZQLX13, ZWQA18].
nonnegative [ADMS22, AC821, BGX06, BGM09, BGM11, CQZ13, DDL+21, HKL21, Sot13, Van23, WWC+15, ZQ12, ZQLX13, ZWQA18].
nonnegative [ADMS22, AC821, BGX06, BGM09, BGM11, CQZ13, DDL+21, HKL21, Sot13, Van23, WWC+15, ZQ12, ZQLX13, ZWQA18].
nonnegative [ADMS22, AC821, BGX06, BGM09, BGM11, CQZ13, DDL+21, HKL21, Sot13, Van23, WWC+15, ZQ12, ZQLX13, ZWQA18].
nonnegative [ADMS22, AC821, BGX06, BGM09, BGM11, CQZ13, DDL+21, HKL21, Sot13, Van23, WWC+15, ZQ12, ZQLX13, ZWQA18].
nonnegative [ADMS22, AC821, BGX06, BGM09, BGM11, CQZ13, DDL+21, HKL21, Sot13, Van23, WWC+15, ZQ12, ZQLX13, ZWQA18].
nonnegative [ADMS22, AC821, BGX06, BGM09, BGM11, CQZ13, DDL+21, HKL21, Sot13, Van23, WWC+15, ZQ12, ZQLX13, ZWQA18].
nonnegative [ADMS22, AC821, BGX06, BGM09, BGM11, CQZ13, DDL+21, HKL21, Sot13, Van23, WWC+15, ZQ12, ZQLX13, ZWQA18].
nonnegative [ADMS22, AC821, BGX06, BGM09, BGM11, CQZ13, DDL+21, HKL21, Sot13, Van23, WWC+15, ZQ12, ZQLX13, ZWQA18].
nullspace-free [Sim03]. number
[ADT19, BB06, BC10, EHM95, EG16, LH08, LLW09, RV12, TDL++22, TGKR10, ZHLJ12, ZLLL23]. numbers [BG05b, CCG00, CLTW11, CDW06, DW07, Diao09, DXW12, DWWQ13, Liv14, MDB21, YDH08, LLW09, RV12, TDL++22, TGKR10, ZHJL12, ZLLH23].

Numer [SB12]. Numerical [AGG16, NLA94, ANo08, Ano09, BL08, Ben11, CH03, CSZ21, CA99, DMS17, DSV18, FZwCW17, GS05, HHM10, HJR97, HL21, KKO20, fLyHZ11, LD08, MK94, MMMM09, MV05, NBKS99, NSCTP05, NL09, WW08a, JNL92, Bai95, BD1, BN18, BKP02, BSC20, Bat95, BGM11, Ber01, BDS94, CQX11, CJW06, Cor04, C1, Dat01, DS02, GD07, Dia09, DXW12, DWWQ13, Liv14, MDB21, YDH08, LLW09, RV12, TDL++22, TGKR10, ZHJL12, ZLLH23].

NURBS [GMSCS20].

Objective [Ris19]. Oblique
[Han13, VCY17]. oblivious [MWZ06]. observations [CZ02]. observer
[CLR01, CD11]. obstacle [JJZ11, ZZ06]. occasion
[CLR13, LPQ06, SGP14, Vas03, Vas05]. occur [CC03]. occurring
[ADT19]. ODE [AI21]. ODE-based [AI21]. Odir
[CO1]. off [EW13]. off-diagonal [EW13]. once
[DW21]. One [OC04, CSYS14, EGMS20, FMPS13, O’H14, Pu08].

One-level [OC04]. one-way [EGMS20]. open
[Gar04, RR12]. OpenMG [BISC14].

operations [STZ12]. Operator
[Gus97, Gus98, Gus03, MMPI10, AB06, BV00, BC03, BMF12, Den09, GN00, GH11, LV04b, MP15, SKSS22, Ty05, Vab20].

Operator-based [MMPI10]. operators
[AFSCSU14, ABBP10, AEHV14, BK10, DFF++21a, Don10, DKM++22, GGL08, GVT03, Kho96, MC08, PSK08, Yan10].

optical [BCK05, KR108]. Optimal
[Bai09, BTT13, ELV94, FS21, GHO15, HLM+18, LHL07, Lot23, LD07, MM95, Not98, WKS95, BLP08, BL22, BFPS10, BM05, CDDZ19, DH04, EG16, GTZ18, GR23, HW01, HW18, KKK13, Lai97, LP22, LZ23, MNCT07, MSS07, MP13, NV23, NA97, P14, RGG07, RSCTP15, SKSS22, SY18a]. optimality [NN10]. optimally [Cha07].

optimization
[ADO23, AN03b, BD21, BDK++15, BZ23, CWWZ22, Chu04, De 13, DD07, Gar02, GY08, HMK10, HP04, HZC23, HW22, KCS11, Laz16, LZQ12, Lin12, LMV04, MV13, NBKS99, ORU23, PW12, PPS20, RS10, Ris19, SW12, TV20, WC15, WN18, YB23].

optimize [MC08]. optimized
[EGMS20, OO11]. Optimizing
[DFF++21a, TGKR10]. option
[LLS12, Rag14]. order
[ABBP10, AEHV14, AEHV15, AABHV18, ABK15, BCR11, B14, BK21, BJ17, BNS20, BH16, BGM++12, BSI17, CEL++96, DOR19, DOR21, DMMR23, DLYV06, ELV94, GM17, GA18, GTI16, GHW06, GKY97, GL13, HM10, Hem96, JM10, Kap02, KL1++06, KP06, KM09, Lam12, Lee19, LY15, LZ23, LLV19, Lun20, MV13, MMN++10, MNCT07, MCLM20, RS01, SBB15, TSP006, UMO09, VHM++22, WQ07, WQZ09, Web10b, Web10a, X09, X11, YB23, ZN20].

order-reducible [BCR14]. ordered
[Bea94]. Ordering
[HS05, HS15, Sco99].

orderings [DS10, NA97]. ordinary
[BCR11, BCR14, Bot13, ZCW11]. oriented
[TC10]. Orthogonal
[FB95, VVM05a, AM95, BF96, DBG06, K12, MO94, MK23, PN18].

orthogonality [Par92]. Orthogonalization
[Jia96, LBG13, LW23, LL07, SW96, VS17].

orthogonalizations [Dax04]. orthogonalizing [Mat96]. Orthotropic
[GL96]. oscillators [MV19]. Oseen
[CBE18, HBH10, KLM++06, Ols99]. outer
[Cor04, DDKR23, Xia12]. output
[LW05]. outs [LPW06]. ovals [KVC12].
over-penalized [BPS13]. overall [BS01].
overlap [KK02, mMvdV02]. Overlapping [CS96, GQ15, CGM01, Gan99, GVT03, JS96, KP00, LMM00, MO11].
overrelaxation [BGN07, Gus03, ORU23].
Owe [Cao13, Vas05].
p [SP06, HMS99]. p-level [SP06]. Padé [BLW08, GGZ12, LZ09]. PageRank [BP22, CRZT20, HW21, LLFC3, LLNV17, MP18b, WW07, YYN12].
pairs [CLC11, GMS18]. pairwise [FLR03, MS22]. palindromic [LYL15, MMMM09]. panel [PR96]. Papers [Ano08, LD08]. parabolic [AT15, DHS23, JM10, KK13, LSC21, vVW23].
Parallel [AO07, AMMP06, Bas00, BLE97, BGM+12, BS10, CR16, FJP12, FM99, GMR05, GL98, GL02, GL13, He92, HS05, JO94, KK02, Kuz92, LVW01, LSS03, LWC16, MW16, MM97, MBW97, MSF21, NO04, RT99, The98, Voe92, WH94, ZYFG11, AGG+16, ACR+00, AMMR17, AMP99, BPS00, BMS17, BMS18, BvdV00, CS09, CS11, CJT03, DFNY08, DFHM20, FJP12, FM99, GMR05, GSS01, GMOS06, GL98, GL02, GL13, Ha92, HS05, JO94, KK02, Kuz92, LVW01, LSS03, LWC16, MW16, MM97, MBW97, Mez20, MC04, MR14, Pad99, PR95, PR96, Rak99, RK18, Ren98, SL19, Si97, TSPS06, Van00, WLH12, mMvdV02, mN04].
parallel-in-time [DFHM20]. parallelism [Vöm12]. parallelizable [GL5b].
Parameter [ZM20, AK99, BEG18, GNR14, GS05, He23, HHMP99, HKLP19, KPT14, LZ23, MSV13, Not92b, Xie21, Yan18].
parameter-dependent [BEG18, GS05, KPT14, Xie21].
parameter-free [Not92b].
parameter-robust [He23, HKLP19].
parameterized [CvG06, DHR20, HW18, flWyL+21, RMM19, TS20, VEV23].
parameters [Bai09, BNP15, GHO15, HW18, Mal06, dCSRS19, Yan04, Yan18, ZHJ12].
parametric [SH19]. parametrization [Hua12]. Parareal [DFF+21a, FS21, GL21].
particle [Sei10]. particular [ESC20, dF20]. partition [BD06]. partitioned [AB10, AB13, Cao13, Po00]. partitioning [CJT03, ED22]. partitionings [GKY97].
pattern [CDG00, ISZ09]. PDE [BDM+14, GH06, Lin12, OZB+18, PW12, PPS20, RS10]. PDE-based [GH06].
PDE-constrained [PPS20, Lin12, PW12, RS10]. PDEs [AT15, AMMR17, CGJ21, Hem96, Höm06, LP22, MO11, VSG09, VZ08, ZMO10].
Peaceman [LR95]. PEERS [KS04]. penalized [BPS13, Dos99]. penalties [MG08].
penalty [BCS09, BPS13, BDR17, DH04, La97, PS14]. pencil [WQ05].
pencils [BB01, flWyL+21]. Penrose [DW07, DWQW13, KKMM12, LXW13].
pentadiagonal [TS20]. Performance [BT15, Sei10, mN04, Aib06, BE98, MO14, MSF21, SST18]. periodic [CX22, KX13, Var08, WZZ18]. periodicity [BDS94]. permanents [WLH12].
permittivity [PR11]. permutation [May07]. Perron [Dem21, ES09b, KNX01, LCN13, MP18b, NX03]. Perron-based [MP18b]. perspective [BMS17, OST10a].
persymmetric [XH03]. Perturbation [Cas11, CLC11, GCLG18, GW00, WW08b, YL08, ZY19, CPF09, Cha12, CLTW11, FT98, JLW05, LS05, LS06, LCN13, LW15, MS22, O'H14, WKS95, WW20, WLO3, Xie21, YDH11]. perturbation-based [Xie21]. perturbations [AIT05a, AIT05b, BGS21, BSC20, LXW13, NR19]. perturbed
[Sau95]. Petrov [CGM11]. phase
[DY04, HS13, HHL16, NH06, SY18a].
phylogenetic [BL03]. physics [TC10].
physics-oriented [TC10], Physiology
[PM11]. Piecewise [HM96, Bos19].
piezoelectric [CN21]. pinch [LPW06].
pinch-outs [LPW06]. pipes [HG00].
pivoted [HC05], pivoting [BM05b, BM06,
EM11, LSS18, May05, May07]. placement
[Dod11, He21]. planar [GLGR10].
Planck [ZZ21]. plane [BLE97, Ypm95].
planewise [mMP99]. planewise-like [mMP99].
plants [Ozb13]. plasticity
[ABK97, Car97, HJR97, Wie09], plate
[AY11, CYZ99]. player [AD12]. Plemmons
[NN15]. plus [BLP17, DPRV19, Fas95,
HN05, KN07, MCV01]. point
[AN06, Axx15, Bao09, Bao12, BM06, Ber12,
BGM+21, BGO5a, Bir15, Cao04, Cao08,
Cao09, CjZ11, CH03, CGJ21, CRZT20,
DLsvL20, DL23, EG16, HP04, HD07,
HDH19, HW21, KP00, K018, KKR14,
Krz11, KKMM12, LLPC23, LOY08, LOS04,
LW07, LMV04, LSS18, MZ15, PPS20, PW13,
RS18, SjJH14, SX15, TH19, VEV3, VL96,
Wan18a, Web18, WBL14, Zha18, MST16].
point-proximal [BGM+21]. point-type
[Cao08]. points [HM06]. Poisson
[CKW02, CjL08, Dab92, GH23, RSR10, TSP006].
polar [CCG00, LS06, RT02, YL08]. Pole
[Dod11, LC13, LW04, LWO5]. poles [Mee01].
policy [BLLA11]. pollution [LC21].
polyadic [BVD+18]. polyhedral [Dah02].
polynomial [CCS19, CR16, CJSZ22, Gan05,
GKV12, HM96, HS08, HVX6, Lee16, LW98,
LM22, Lot23, WC15]. polynomials
[AK23, BB07, BGW05, BG05a, HDIS18,
KR14, M94, MN05, Nov03]. population
[DHSW11]. poroelasticity
[GLOW04, HKLP19, LRG01]. porous
[NH06, SBS15, WWX10, Yot01]. posed
[AGR21, BDRZ21, CLTW11, DNR12,
DNR18, Est09, GORR16, HDA19, NR14b,
RU22]. positive
[ARMW14, AIT05a, AV94, Bai16, Bai18a,
BP13, BMAA16, BT03, BMM20, BN21,
CS09, CS11, DJW+21, DPP16, DJ09, Kap98,
Kol05, LHL07b, MVV08, PS11, yPes07,
PW13, SR12, WW08b]. positive-definite
[DJW+21, DJ09, Kol05, LHL07b, MVV08,
SB12]. positivity [KSB13, MPR23].
powerflow [LB21]. powers [HLM+18].
practical
[DBG+13, Kap99, WQZ09, WM12]. Prandtl
[BGL+22, CGY22, GSTPT21, OC22,
SWW21]. Preconditioned
[Axe98, CGK94, CL23, DGM+16, GKK19,
HMS99, HES15, WCW20, AN06, BM13,
BL22, Ber12, Ber01, BN05, B06, Bla02,
BHJ13, BDRZ21, BE98, Cz02, Cao09,
DJW+21, Dan08, DWC5, DH18, D08,
DR03, GLJ19, IIFM23, K13, KPT14, LD07,
LV98, PR95, PR96, PL21, RV12, SJBH14,
SH20, TDL+22, WBL14, ZZ21, ZBCN23].
Preconditioner
[TT10, BPS15, BT03, B03, BC12, BPS13,
CPGV13, CJZ11, CNP96, CJW06, CS95,
CV13, Doh07, EES11, GN00, GTZ18,
HF01, IS09, K04, KLS23, KVS+18,
KV96, Kuz92, KP10, LS04, LSC21, May05,
May07, MC09, N16, OZ22, SPD05, SP06,
SLV13, SGP14, UM09, VEY23, Xia12,
XS11, XM17, Zha18, ZXS20, Zh014, vN00].
Preconditioners
[BEV22, CPS01, Est09, GS07, NV23, PSW14,
AY11, AN13, Bao16, BM17, BDDMS18,
BMM20, Bla02, BM05, BCHT04, BIA18,
BSI17, Cao08, CDG00, CDGM04, CGM01,
CC92, CW97, CEL+96, CDDZ19, DDG99, DP03, FP15, FK15, FS09, GMTV16, GNQ15, GR23, HLM92, HH06, Hem96, HKLP19, HK12, JLW05, KABH17, KY95, KKNY01, KK23b, KP00, Krz11, LW01, LOY08, Lee16, LJ04, LXS16, LC05, LW07, LWC16, Mal16, MS07, NV08a, NR12, Osw95, PW12, PS00, QvGvW21, SMSW00, SW12, Vas92, VL96, WDS09, WBWM04, Ye20, AFSCSU14, AT15, AL21, AK94, AV94, AWF02, Axe15, BCR11, BCR14, BD21, BK21, Bas00, BGM09, BPS00, BGM+21, Bla94, CN21, CDDSC12, De13, DL17, DLY07, Dos99, DKVB15, FJ12, FJP16, GM11, Gus03, GL95b, HPS03, JZ09, JK17, Kap94, Kap98, KK02, Kap02, KM99, KP08, KOV17, Krs02, Kra06, KMS08, LV04, LM22, LW03, MFFJ18, MM95, MM02, NO04, NR11, NA97, Not98, Not02b, NVC05, PPS20, PW13, Poi00, QPS23, SP18, SL10, TSM21, Vas02, VHM+22, WH94, XCC820, AB13, Cao13.

Preconditionings [GKY97, KNY99, NY03].

to [Gar04]. priori [HM96]. PRISM [Axe98].

Preconditioning [ABM17, AN03b, AB10, ABNP15, ABK15, CFAM16, Egg07, Gro00, HW19, HSC05, MW11, Puls09, QvGvW21, SMS00, SW12, Vas92, VL16, WDS09, WBWM04, Ye20, AFSCSU14, AT15, AL21, AK94, AV94, AWF02, Axe15, BCR11, BCR14, BD21, BK21, Bas00, BGM09, BPS00, BGM+21, Bla94, CN21, CDDSC12, De13, DL17, DLY07, Dos99, DKVB15, FJ12, FJP16, GM11, Gus03, GL95b, HPS03, JZ09, JK17, Kap94, Kap98, KK02, Kap02, KM99, KP08, KOV17, Krs02, Kra06, KMS08, LV04, LM22, LW03, MFFJ18, MM95, MM02, NO04, NR11, NA97, Not98, Not02b, NVC05, PPS20, PW13, Poi00, QPS23, SP18, SL10, TSM21, Vas02, VHM+22, WH94, XCC820, AB13, Cao13].

Prediction [BS10, PGT14]. Predictive [FM15].

Preface [Axe02, AK10, Cve09, Dat01, NT04].

Prefiltration [NY03]. Preordering [LSS18]. presentation [EJK01]. preserving [HHLL16, LW23, PR16, Wan00, WRW18].

Press [Nab97, Amb15].

Primal [HP04, RT02, FLP00, WSN19].

Primal-dual [HP04, WSN19]. primitive [Den21].

principal [GH06, HW22, LB17, LC21, PY22].

principle [BC02, Vos09]. principles [Gar04].
KP00, KK13, KR06, KT08, KMS08, KLM14, Krz11, KM92, LLI97, LR95, Lay05, LPV01, LV99, Lee21a, L23, LW07, Lin12, LZ12, LW16, LW17, Liv04b, LL97, LS22, LV98, MZ15, MB21, Ma22, MMM09, MS07, Mar00, Mar98, MRT02, Mar16, MSS07, Mav01, MSP13, MM97, MBW97, Mez20, MM02, MSB18, MZ98, NV23, NR14a, NR14b, Nov03, OS10, Pad99, PBN05, PSW14, PPS20, Pen08, PH19, PL21, RU22, RR12, RNV21, ROA13, RMM22, SLK16, SCP20, SKK22, SX15, Shi02, Shi04, SY18a, SV11, Sta96, Sto92, TDH18, Tre13, TT15, VEV23, VJM16].

problems [VL96, Ver00, Wan00, Wan18a, Web18, WWC15, XG10, XZS15, XXW19, wX15, XCG16, XX22, YBZ19, YCY17, ZZ15, ZN18, Zha18, ZHZ10, ZY19, ZSCX10, mMP99, mM04, VW01].

Procedure [IDVV96, GL21, JZ09, JK17, LR95].

processes [AD11, BMMR18, BL03, Buc11, DGB13, GCLG18, NH06].

processing [Dat01, KLN99, SKR08].

Procrustes [CZ15, KH07, XCG16].

producing [SH19].

product [Aih20, BW17a, BSMN22, Che15, DQW15, DK15, FzwCW17, Gus04a, HXM19, HL21, KN07, LS04, MGF02, Per06, RU22, RX10, ZSKA18].

products [BB01, DWWQ13, LPS16, Mat96, Mey94].

Professor [SGP14].

profile [HR05].

program [CCLQ18].

programming [BDdSM18, BGM+21, BNP15, BMMR18, CQX11, CR20, CcvG06, CMSW19, DMS17, DD07, DR03, EGF11, GA18, HLLL13, KLM14, LC13, LW05, LZQ12, LYL15, MP13, ODH21, QXB09, Ste99, ZS15].

quadratic-bilinear [GA18].

quadratics [GSTPT21].

quadrature [GL21].

quality [BC10, Kap98, NY03].

quantification [Lee21b, SCP20].

quantity [FOV21].

Quantized [KKS19].

Quantum [CVY21, KMMR10].

Quasi [RSCTP15, BMM20, DEM18, Gar01, Gar02, HMS99, LY15, MN05, SW96, YM22, ZZ15, Bai18a].

Quasi-HSS [Bai18a].

quasi-isometric [Gar01, Gar02].

quasi-kernel [MN05].

quasi-minimal [SW96].

quasi-Newton [BMM20, DEM18, ZZ15].

Quasi-optimal [RSCTP15].

quasi-rational [YM22].

quasi-uniform [HMS99].

quasiseparable [BEG18].

quaternion [JNS19, LW23].

question [JK09].

queueing [BLLA11].

quotient [CX22, CX23a, CX23b, CHCS22, ...]
FK15, Het07, NZ14, PS95, Zho06.

**quotient-gradient** [CHCS22].


Reeves [YBZ19]. re**fined** [BB00, HS08, KR11]. Re**finement** [GL95a, BS01, BGM+12, CR16, DMM+08, DFF+21a, FS21, GORR16, GA18, HNR+18, KCS11, Lay05, LO13, Lee18, LW21, MMM06, MV13, MR14, PV99, PY22, Shi02, Shi04, SSSF23, VP95, YZ13, ZS08, vGSZ15]. reduction-based [MMM06].

**reaction-diffusion** [DOR21]. **Real** [AK00, YPC20, BF19, Bra02, CHV05, GHR08, MZH17, MSV13, MV19, Sot13, vNR07]. real-equivalent [MZH17]. Real-time [YPC20]. realizability [Sot13], realizable [CFX05]. realization [Baz08, PR96]. reciprocals [Vo2110]. reconstruction [CSNY05, PN18]. Recovering [MK23]. recovery [AGG+16, BZ23, DDM23]. rectangular [BS01, Le 23, LS06, Osw95, Pu09]. Recursive [FLM09, HSY18, NV08b, LSS03, Not05a, NA97, SS02]. **Recycling** [OZ22, RLG12, SGM15]. red [NA97]. red-black [NA97]. reduced [ES05, GH11, KN14, Sir19, VW15]. reduced-rank [ES05]. redu**cible** [BCR14, ZWQA18]. Reducing [GHJV16, VY14, Zhou92]. reduction [AGRR21, AK94, BB17, BPS05, BTT13, DFF+21a, FS21, GORR16, GA18, HNR+18, KCS11, Lay05, LO13, Lee18, LW21, MMM06, MV13, MR14, PV99, PY22, Shi02, Shi04, SSSF23, VP95, YZ13, ZS08, vGSZ15]. reduction-based [MMM06].

reduction-in-time [DFF+21a]. reductions [KNX01]. Reeves [YBZ19]. refined [BB00, HS08, KR11]. Re**finement** [GL95a, BS01, BGM+12, CR16, DMM+08, DFF+21a, FS21, GORR16, GA18, HNR+18, KCS11, Lay05, LO13, Lee18, LW21, MMM06, MV13, MR14, PV99, PY22, Shi02, Shi04, SSSF23, VP95, YZ13, ZS08, vGSZ15]. reduction-based [MMM06].

regenerator [Per06]. regenerative [AD11]. region [HS18, fLWyL+21]. Regions [PS95, Naz95]. registra**tion** [GHW06, HMM10, Höm06, RGM17].

Regression [TSMM21, ES05, PY22, PLMV23]. regular [CLC11, FG02, FT98]. regularity [Dah02].

Regularization [BGM09, DHNR18, IDV96, BCB14, BDR17, CRS05, CLTW11, Don05, DNR12, FRR16, GNR14, LHW11, Spi21, WLC21]. regularized [BL20, ES07, ES09a, FGT11, MIV05, RLG12]. regularizer [KRW08].
Regularizing [CDDZ19]. Reissner [CYZ99]. related [AK94, DSV18, DP23, DKM+22, ESC18, GGZ12, Li00, MPR22, Mor09], relations [Tia13]. relationships [JYZ17, Tre05].

relative [DOP21, DP23, YM22]. Relaxation [BKM+12, LLV19, DDKR23, Dax94, FHM21, FP95b, Gan99, HM18, He23, LZQ12, Liv04a, PBN05, SX15, SSSF23, Yan04].

Relaxation-corrected [BKM+12].

Reliable [Ber01, Hla99]. remarks [LS06, Mar95]. removal [LCZZ21]. Reorthogonalization [DKVB15, Van00, Zou23].

Reorthogonalization-based [DKVB15]. Repairing [Ver00], repeated [AT00]. repetitive [DGB+13]. representation [CC07, DEM18, VVM05c, Vom12]. representations [RMM22, VR23]. representative [KKO20]. representing [MO16]. reservoir [LVW01, LWC16].

residual [AC23, AM95, GH01, Gus03, HMS99, JR94, JK17, Kap05, LWC16, MO94, MRT96, SW96, Saa00b, Sta96, SLA+21]. resilient [AGG+16]. resolution [CNYS05, JK09, TR21]. resonant [AG99].

Respectively [Bai18b]. Response [AB13]. restart [KLMP21, MYD20, MN00].

restared [Dax19, Jou94, MP14, Sim99, VL11, ZM08, Zho18, Zif00, Zif05].

restarting [BD15, SHJC18]. restoration [BC02, CNXY20, Per06]. restoring [NWZ17]. Restricted [BK11]. result [FP95b]. resultant [BGW05]. results [BF19, BNS20, BMS09, DFF+18, Kap94, MMN+10, MM18, NH98]. retinex [YHS18].

retraction [Kau07]. retrieval [BF96, FJ05].


reward [Buc11]. rewards [Par92].

RIC [Not94]. Riccati [AJH20, BGX06, BLP08, GB11, GL95a, Gra08, HM14, HLL16, IP13, LB08, LS15, Lu05, Miy17, Var08]. Richard [LPQ06]. Richardson [Pas19]. Ridge [TSM21]. Riemannian [BZ23, FJ05, HS18, HW22, MB21, YBZ19, YHAG20].

Riesz [DKM+22, MDMS23]. Right [SHZ20, ARSO14, ARMW14, Liu12, SHJC18].


RLSL [BLP01].

Robert [NN15]. Robust [AY11, BMN05, JNS19, KSB13, KW99, KLM14, MMC12, Not02b, SNZ20, ZN22, AMM04, BT03, CDG00, CGJ21, GTZ18, He23, HKLP19, KKNY01, Lee10, NV23, S99, Xia12, XS11, vN00].

robustness [NR22, ST17b, XXCB20]. root [AEHV15, Dem21, LZ09, LH17, Mor09, PRP09]. root-finding [PRP09]. roots [CC20, MO94].

rotated [CG15]. rotating [SL19]. rotation [ST23]. rotations [MCLM20, Ypm95]. rounded [BH07].

roundoff [WW11]. row [Dax94, May07, RS01, SLV06, Sco99, WX21, ZHZ10].


Ryckibi [Amb15].

SA [BMM+08, GX14, HVX16]. SA-AMG [HVX16]. saddle [AN06, Axel15, Bai09, Bai12, Ber12, Cao04, Cao08, Cao09, CJZ11, CH03, CGJ21, DLSvL20, DL23, EG16, HD07, HDH19, KP00, KRK14, Krz11, KKMM12, LOY08, LOS04, LW07, LSS18, MZ15, PW13, RS18, SJBH14, SX15, VEV23, VL96, Wan18a, Web18, WBL14, Zha18].

saddle-point [Bai09, Bai12, CGJ21, EG16, HD19, KKKR14, KKMM12, LOY08, LSS18, VL96, Wan18a, Web18].

SAXPY \cite{Ypm95}. Scalable \cite{DH04, OZB+18, FOV21, FLP00, Liv14, MW16}.
Scale \cite{VW01, Axe98, BB17, Bar02, BCB14, Ben08, BLP08, BES14, BHL+22, CGJ21, DMY03, DGP19, GLJ19, Gra08, GR04, HJ18, Lee16, NH06, Sir19, XM17}. Scaled \cite{Yan18, Bai18b, CTP09}. scaling \cite{BBKY06, CZS22, GHO15, HS15, USS21}.
scattering \cite{FGT11, MV13, WDS09}.
Scheme \cite{Zha92, BS01, BMS17, BMS18, CRV14, GB11, GSS01, GMOS06, HY22, KV15, LLS12, Poi00, Pul16, RR12, ZZ21}.
schemes \cite{AIT05b, AJ94, Bir15, DE06, Gus03, HM18, HM14, KABH17, OC04, SWW21, VSG09, XZS10}.
Schmidt \cite{Dax04, LBG13, LL97, SLA+21, Van00, WL08, Zou23}.
Schoenmakers \cite{DPP16}.
Schrodinger \cite{CJL08, WRW18}.
Schur \cite{BG00, DHBV21, BCK05, BG05a, Bra02, BCGM09, BD15, Bun92, CN21, HKKP07, KSB13, KW99, Kra06, KLM15, LXS16, LW03, MMM09, MW16, NG15, PW12, Rak99, SGP14, TSPSO06, WW08b, WTWG14, vNR07}.
Schwarz \cite{AB13, Cao13, AALS01, AB10, AG19, BK11, CZ02, DS08, EGM520, KP00, KWS+18, LSC21, OC04, SWW21, VSG09, XZS10}.
science \cite{KK23a}.
scientiﬁc \cite{Axe98, KK23a}.
searches \cite{DMY03}.
Schoenmakers \cite{DPP16}.
Schrödinger \cite{CJL08, WRW18}.
Schur \cite{BG00, DHBV21, BCK05, BG05a, Bra02, BCGM09, BD15, Bun92, CN21, HKKP07, KSB13, KW99, Kra06, KLM15, LXS16, LW03, MMM09, MW16, NG15, PW12, Rak99, SGP14, TSPSO06, WW08b, WTWG14, vNR07}.
Schwarz \cite{AB13, Cao13, AALS01, AB10, AG19, BK11, CZ02, DS08, EGM520, KP00, KWS+18, LSC21, OC04, SWW21, VSG09, XZS10}.
science \cite{KK23a}.
semi-algebraic \cite{MC08}.
Semi-coarsening \cite{Mar98}.
semi-definite \cite{Ema12, KH07, WW08b}.
semi-iterative \cite{CH05, LJM14}.
semi-monotonic \cite{LD07}.
semi-orthogonality \cite{Par92}.
semi-separable \cite{MCV01, Xia12}.
semi-structured \cite{GLR10}.
semicoarsened \cite{RNV21}.
semiconductor \cite{GMR05}.
Semiconvergence \cite{CS11, WX21}.
Semidefinite \cite{LZQ12, CS09, CS11, CCLQ18, HHQ13, PS11, TR21}.
semi-discrete \cite{BG15}.
semilinear \cite{ZZ21}.
Semilocal \cite{GD11}.
semiorthogonal \cite{MM11}.
Selfadjoint \cite{AV94}.
Semi-active \cite{TV20}.
semi-active
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