Title word cross-reference

(1 + 1) [RF10]. (k) [YC99].
(\lambda^2 A + \lambda B + C)x = b [SP02]. (m) [WOW00].
(Re  9500) [GHTW00].  1
[LW03, MMVW13, RMB00, VB07].  2
[ABST13, ACD+08b, BWV15, BLS14, BH97, B109, BK14, CMV97, CD01, KL15, KW07,  
KP06a, Kra09, Lam97, LRP07, LYL+11, LW03, MT97a, NN03, Sma01, vVKA11].  
2, 3, 4 [Goe97].  3 [BIA99, BIA05, CP13,  
CWL+14, CDB13, CMS99, CH11, Don06,  
GH13, GD03, HA01, Kra09, LS12b, LFJS14,  
Min02, PS10b, PWGW12, PELY13, PRSS11,  
RY03, RH06, Sch05, ZCW10].  5 [Goe97].  6
[RY03].  2 [MW13].  A [APSG14].  A^{-1} [ADLR15].  \alpha [BFM+04, BMM+10, PR09].  B
[Red09]. \epsilon^* A^{-1} b [ST11].  C^1 [LR99].  C^\infty
[Pla15].  \ell [SVG10a].  \ell^1 [CJ10].  \ell_0 [APSG14].  \ell_1 [NNT13, GLN09, YZ11].  \ell_{1-2} [YMHX15].  \ell_2 [CXY10].  \ell_p [LMRS15, CXY10].  \ell_q [LMRS15].  \eta [CB98].
\eta (A)b [CAS11].  h [Am96, BH12, CDB13,  
EOD93, GC97, HTB+05, DMNO05].
H(\text{curl}) [LO11, RKL09].  H(\text{div})
[Tal15, KV12b, WWY09, RKL09, WWY11].
H^1 [JK11].  H^2 [Bor09].  H^{\text{curl}} [JK11].
H_{C/EJ} [RH09].  hp [AGH13, FHL13, HXB13,  
EPR10, GL08, PRS12, PDTVM08].  I
[May08].  ILU [LSC03, OKLS15].  j [RY03].
K [ROO05b, Gre03, Joe93].  L [HO93].  \ell - 2
[FNNB05].  L^1 [DGP10].  L^2 [MNMeST13, EAS11].  L^2(H^1) [Pic10].  l_1
[YG15, FNNB05].  L_2 [HRT10].  L_p [DF10].
LDLT^T [ADGP07].  LU
[LSS03, VM13, DGHL12, MG07]. $M$
HW99, Vir07, AMN15. $\mathbb{R}^2$ [DW15b]. $\mathcal{H}_\infty$
DGB15a. $M R^3$ [WL13]. $N$
[GL08, PDTVM08]. $\mathcal{N}$ log N
FMP06. $O(1)$ [BMF12]. $O(2)$ [WAS94].
$O(N)$ [GM14a, OKF14]. $P$
[CK03, Ain96, BI00, BBR08, CG99, Cas97, FTY15, GC97, HGK97, JP11, MSL13, PP12b, TB99a, ZK96]. $P^\mu_{1/2+i\tau}(x)$ [GST09]. $P_{NC}^\mu$ [Le 05]. $P$
[MMRN15], $q d$ [von97]. $QR$
[But13, DGHL12, HvG96, YTD15, Nag93, VD10, Wat94]. $r$ [EOD93]. $r^{-\lambda}$ [ CJ05b]. $R^d$
[AB08b, HS99b, PL12, Atk94]. $R^n$ [CBN02]. $\rho$ [CFH03]. $s$ [SvG08, Son12]. $S_N$
[KL00b, Alu96, BME93, BEM94]. $\Theta$ [WL08, TSK09]. $TV$ [CJK10]. $V$
[Kwa99, BGP94]. $\varepsilon$ [BRZ14]. $w = f(A) v$
[TE07]. $X + A^T X^{-1} A = Q$ [GL10]. $xx$
[CLW13, CLQ12].

- [Ain96, CXY10, CJK10, EOD93, FNNB05, GC97, RY03, JK11]. -Adaptive
[CDB13, FTY15, EOD93]. - Algorithm
[VD10, von97]. - Algorithms [BRZ14].
-Body [KL00b, Alu96, BME93, BEM94].
-box [BH12]. - Conforming
[DMMO05, JK11]. - curve [HO93]. -cycle
[BGP94, Kwa99]. -D
[BH97, BIA05, GD03, KP06a, LS12b, RH06].
Dimensional [RF10, Joe93]. - estimator
[HW99]. - extrapolation [Ber97].
- Factorization [VM13]. - Finite
[GL08, PDTVM08]. - Fold [ROO08b].
-Independent [HTB05]. - Lagrange
[BLS14, KL15]. - Laplace [CK03].
- Laplacian [BI00]. - Level [KL15].
- Matrices [Bor09, Vir07, May08]. - Method
[PR09]. - Methods [TSK09, WL08].
- Minimization [YG15, DGP10]. - Norm
[BBR08]. - Optimal [APSG14]. - Problems
[YZ11]. - Projection [EAS11]. - Radius
- Sparsification [APSG14]. - Spline [Red99].
- Symmetry [WAS94]. - Tensor [MMRN15].
- TV [GLN09]. - Version
[AGH13, CG99, Cas97, ZK96].
1 [EO15]. 14 [BEM94].

2000 [vdV01, vdVDE02]. 2002
[vdVDE03]. 2004 [Vas05]. 2008 [Tum10].
3 [Bur97, NKTY08]. 3-D [Bur97]. 3D
[vLH14, Sar98].
5/CM [BP97b]. 5E [BP97b].
60th [PS97].
754 [MRV06].
94e [BEM94].

Abscissa [MG12, Ros15]. Absolute [VK13].
Absorbing [ABK11, BHG14, FJ99, HY14].
Absorption [LP96, MMMY96]. Abstract
[Del14]. Accelerated
[BY93, DMSW10, EG01, FSdV98a, FP14, KK09, MR07, NKLW94, NAC15, PS10b, RHSK11, VTD12, ZC04, EB96, LK93, MW13, GHS15]. Accelerating
[BRZ14, DCP11, IT09a, LRSV11, LY13, MG09, NKTY08, ADRS95]. Acceleration
[BGOD08, CC03, Gar05, HHESW11, HBS00, LSV13, OW00, RWA95, SO15, VN03].
Accessible [KMA12]. Accumulation
[RW97]. Accuracy [AI98, BP97b, BCC19, CGAD95, CLAT10, CK94, Cor98, DMPV08, DS95b, DS97, Dor10, JZ00, LS09, LB06, MR02, MKRK13, NN03, PQOB14, RGOY10, RF07, Sch96, SZ897, Ske00, ZLLT15, ZLJ96, Zin00, vHBT12, vSRV11, Hig93].
Accuracy-Conserving
[MKRK13, vSRV11]. Accurate [ABMR11, AO07, AP12, BWV15, BR09, Che05, DH03, Drm97, DKM14b, EE14, GBCT10, GST12, HG02, HT13a, Hen06, JL11, Kon09, KP05, KM12, KR12, Ky12, LG09, LFBO08, Lun15, MC10, Nin99, OR005, PKR+13, RO008a, RO008b, Rum09, SL09a, SC02, TB99a, VPP05, WL97, WM05, ZCL+11, ZJC12, ZCP06, Zim14, ZPE12, vWBV09].

Accurately [WS15].

Achieving [BSA13, Ros05a].

Acoustic [BC06, BS06b, FKTW10, Kos07, Mal07, MZ94, RZ03, Smi97, Str99].

Acoustics [BHG14, Nat98].

Across [TLLK09, Lay06, LP06].

Action [AMH11, Ber98a].

Active [CDW14a, CDW14b, HSW08, KP11, PST15, ZJX14].

Active-Set [PST15].

Active-Set-Like [KP11].

Activity [RC06].

Acyclic [GTMP07, MZW09].

Adaptation [AFMP15, Che94, DF10, Hua05, RH06, Wal99].

Adapted [AMP00, CCA03, DZ12, GHK14, Lab05, RHSK11].

Adaption [MP08].

Adaptive [AB02, AG10, AMM+11, AW15, AGL13, AD06, ABI00, BBSV10, BB13, BLH02, BG14, Ban08a, BH00a, BLO4a, BO07, BBC+01, Bas98, BC06, BBSW94, BC09a, BKO6, BZ12, BB15c, BB05, Bör07, BFM+04, BFM+05, BMM+10, BMV11, BTH12G, BWG11, CHR99, CSW99, CP03a, CD02, CWZ07, CCCZ10, CVK13, CDB13, CHH10, CM13, CVE13, DMS01, DM+98, DM13b, DJHJW08, DKKP14, DLZ10, DZ08, DMD+12, EV13, EHWW00, ENIT09, FTY15, FL02, FKK+14, GT98, GB06a, GGS08, GG10, HHH08, HS05a, HH02, HR99a, Hof05, HEH94, HJP04, HS01a, HB97, HS94, IJ08, JS93, Jah9, JTZ08, Jam98, JF11, JK11, JP97, Jou94, JGZ06, KKV13, KGGS10, KV05, KY05, KHRvBW13, Kul12, KPP07, LG97, LMPQ03, LNP15, LM14a, LJL98, Liv15, LT14, Log03a, Log03b, LFLS08, LK04, LR98, Mac98, MS13].

Adaptive [MV09, MK08, MRW15, Moo00, NKLW94, NJ14, OPRB06, PBP14, PDTVM08, PZZB15, PW15, PP05, PD15, QTZ11, Rav02, Rüd94, SP03, SDNL10, Ste00, SMN10, STR12, Ten98, TLT12, Tra95, TPW09, TY11, TLE12, WMC11, WMC12, WCHZ14, WM11, WMUZ13, Yu01, Zas95, ZJC12, ZMS10, ZRK15, Zie12, dLRT09, vdDA12, EOD93, FF94, HL97, NP96].

Adaptive-Krylov [LT14].

Adaptively [BCGR98, HG00, Lee14, RKLN07, TT06].

Adaptivity [BP13b, CEJ+10, CPB13, CM09, FDE+06, Har08, KMW15, MHS98, SV08a, vdZvBd10a, vdZvBd10b].

Add [Goe97].

Additive [AP99, Bre00, CS99, CL11, CGG07, GH99, GC97, HMR09, Jay98, Kra12, PS08, SGGT07, Vili14, Wan12, WGT14].

Adequate [FH06].

ADER [AGI10, TM14].

ADI [DMML05, TV98b, ZsSpH14].

ADI-Like [DMML05].

Adiabatic [Jah04].

Adjoint [ATK12, B0101, CLPS03, CP04, CEJ+10, SW14, FHFR13, FR10, HTMM15, Sch05, SU15, TW13b, WLE+00, WM109, ZS14, Sta97].

Adjoint-Based [ATK12, CWS14, SU15].

Adjoints [HM10a].

Adjusting [Ste02].

Adjustment [CLP08].

advanced [NP93b].

Advantage [MM98].

Advantages [AR99, KB08].

Advection [ADR14, AHH12, GH07, GGS08, KG14, LW12a, LSV13, MS08, NN03, PDH09, PH13, SBP04, TM14, WKK04, WDE+99, WL01, YBV98, ZK14a, Zbl11, ZJC12, ZRTK12, PCD96, PW12].

Advection-Diffusion [ADR14, AHH12, GGS08, LSV13, WKK04, WDE+99, ZJC12].

Advection-Diffusion-Reaction [GH07, PDH09, SBP04, TM14, ZRTK12].

advection-dominated [PCD96].

Advection-Reaction [WL01].

Aeroacoustic [Dor10, RSA05].

Aerodynamic [Har08, HS06b, Haz08a, Haz08b].

Aerodynamics [Tsy99].

Affine
[KA95, Kor93]. After [GB98]. Age [BF13]. Agglomeration [JV01]. Aggregation [BFM+04, BMM+10, CM09, Cho05, DMM+08, DMSW10, DMM+10a, FKK+14, GaP08, JKKM01, KW10b, MN08, Not12, PoH09, ST08, TY11, TY15, DS96].

Aggregation-Based [FKK+14, JKKM01, MN08, Not12]. aggregation-disaggregation [DS96]. Ahead [FGN93]. Aided [HOY03]. Airfoil [Yiu95]. Aitken [BGOD08]. Aitken-Like [BGOD08]. Algebra [PSA99, LJ93]. Algebraic [AC05, AS94, AP99, BQQ08, BGL08, BS02, BFJ+15, BDO12, BGH+03, BHST08, BGS09, BBB+11, BB03, BBC07, BF10, BK14, BCF+00, BFM+05, BTOB05, BHP98, BKI1, CG95, CLPS03, CGL01, CC02, CH02, CS11, CW93, CFH+00, CKK03, DMM004, DMM+10b, De 12h, DM13b, Der08, Doh07, Elm98, Elm00, EN09, FS14, Gar97, GB98, GOS03, GPS95, GW00, HKR02, HR05, HTMM15, HNN+13, HvdG96, HWD02, HS06d, HVW95, HR98b, HS01b, HHL15, HSW08, HGP14, IJ08, JK07, JK15, JN10, Jou94, Kas95, KV12a, KHRvBW13, KHRvBW14, LV98, LRSV11, LCN14, LLS13, LT09, LHN96, LZ99a, LZ99b, LGP14, LFJS14, LYL+11, wLxY00, LB06, Liv08, Liv15, LR98].

Algorithm [Lyo11, MG07, MG09, MG11, MMM+94, MK00, MN11, NK15, NGX14, NCT99, Nov15, Oet99, OKF14, PKR+13, PGLD96, PSB+06, Pet99a, PDMV14, Rav05, RC06, RGOY10, Ruh98, SYEG00, SV08b, SV11, Str00a, SF99, SW10b, TD09, VD10, VMG09, Wa14, WC00, WMI09, Wan13, WMSG09, WYGZ10, WL13, WWJT12, XK08, XYZ05, YMW07, YZY09, YCC10, Ynt09, Ynt94, ZY05, dMHJ00, von97, Ah96, BZ93, BPT93, BDP96, CGS+94, DS93, EB96, FGN93, Fre93, Koc93, Lac93, LV94, LL93, MMM+94, MM99b, MS93b, NP93a, OS95, PS93, Saa93, Sni93, Wat94].

Algorithmic [APvDG12, Moc00].

Algorithms [AB08a, AdVC00, Ain14, AMH12, AMHR15, ACD95, BCCGR98, BDS98, Ban10, BH00a, Bar00, BHT09, BM05, BF95, BFK03, Bit99, BB15c, BT97, BrVCG+10, BM95b, BRZ14, BMV11, BW11, CGK+98, CK02, CJH11, CGS02, CWC08, CCS03, CH02, CKY98, CC12a, CD15b, CD01, CMM95, CDFQ11, DJ07, DAE02, DSC05, Dor98, Dor10, DW94, DG09, EHN12, EOZ94, EY07, FWA+11, FSdV98b, FW97, Fra98, FFS07, GaP08, GJZ13, GMT07, GST12, GGLT00, Goe94, GY09, Gon15, Gri94, GE96, HRV11, HM10a, HV01, HK95, HW09, HM07, IBW15, IMS96, Jia14, JP97, KM97, KT15, Ka96, Ken97, KS94, KPL13, KKK02a, Kir14, KEF11, LS99, Lan98, L94, LK15, MS07d, MNBK10, MO00, Mar09, MT06, MZW09, MS07e, NH13, PH13, PB+96, PBC05, RNR13, RT05, RMD08, RKvdDA14].

Algorithms [RGG15, Ros15, SKMF15, SIDR15, SIS96, SV08, Ste01, ST98, SW15, SW10a, Sun95, Ten98, TAHR15, VMV15, WLX+13, Wei99, ...
WNC08, XJS13, YG15, YZ11, YSZ14, ZLLT15, vdaA12, BGP94, BME93, BEM94, Car93, CG93, EG93, Göt94, NP93b.

Aligned [GH14, GHS^+09, MB13].

Alignment [GH14, GHS^+09, MB13].

Alignment [GH14, GHS^+09, MB13].

Alignment [GH14, GHS^+09, MB13].

Alignment [GH14, GHS^+09, MB13].

Alignment [GH14, GHS^+09, MB13].

Alignment [GH14, GHS^+09, MB13].

Alignment [GH14, GHS^+09, MB13].

Alignment [GH14, GHS^+09, MB13].
[AKM+14a, BF01, BOR97, BYT08, BM10b, BR09, BC09b, CB98, CL08, CFM96, CG11, CDW14a, CDW14b, CGMV05, DTV13, DGSW10, DW05b, Ema10, ES00, FKTW10, FFSS13, GaP08, Gar00, GRPG01, HT09, Hri03, Hri05, Jia14, JED10, KPC¸A12, KVMK01, Lee13a, LZ01, Log03b, LD04, MSL13, MSW05, PH01, RGG15, Rub12, SZ06, SY10b, SY12, SZ00, SZS97, Smi97, WS07, WS06, WM05, XZ10, YMM14, ZWH+14, Zyg11, CC96, LCW95]. Applied [AA13, BLS14, BMV13, CV07, CBS00, DHJW08, DHE13, CV94, CN10, CH09b, CRV13, DGS08, DMN08, DP03, EK10, Fli13, For95, FGH08, GK98, GLT09, Hr+R03, HW03, HTW+12, Hor10, HC98, HZ13, HSSZ90, IT09b, JK12, JZ13, KHE07, KSD10, KY03, KL06, KL13a, KS15a, LW15, LW12b, LB07, LB08, MKWG15, MO10, Mis01, MM07, OS14, OB08, PVV11, PSLG14, PQO14, RS02, SB15, TGS08, WL04, WE13, WP98, WB08b, ZK14c, ZC09, Zim14, dS11, vdZvBdB10a, vdZvBdB10b, LL94, RG94].

Applying [DJ07, SS10a]. Approaching [CSW14, LZ04, SW09, ZLLT13, DS95a, Rot96]. Approximate [AP14, ABC00, BMT96, BT98, BT00a, BCT00, BB05, BC13, BT99, BT01, BGMR01, BH14b, CDGS05, CB98, CB14, CS07, CS98, Cho00, CST+13, DW05a, EHS+05, Ema10, GWMO93, GNL14, GS98b, GH97, Gur04, HC05, HWS05, JFG15, JP08, KM97, LRW96, MG09, MXB15, MMA98, NP10, RT01, Reu99, Saa03, SE11, SE13, VW98, WZ03, ABS96, EOD93, SS93b].

approximate-factorization [SS93b]. Approximate-Inverse [GS98b].

Approximation [APZ13, ADKM03, BG14, BGN07, BGN08, BG98, BBKT15, BB15c, Bö07, BP13b, BHW99, BTGH12, BFI07, CGGS15, CJK15a, CNP12, CH08a, Cha07, CL08, CKO15, CMM95, DB94, DQ13, DGB15a, DGB15b, DHO12, EL03, EIL01, FV06, FS05, FT03, FDFW07, GJ08, GHKK15, GOS12, GT94, GO09, GOV06, HLW00, HR99b, IM04, JK07, JSPC97, KR14, KLS+15, KK13, KK09, KSL13, LZZ96, NJ14, NSK10, PSA99, PPT11, PC98, Rah96, RO15a, RW07, SY10a, SY08, SZ00, Ste09, ST11, Str00a, TE07, WR13, WLE+00, Wat12, Wat04, WY09, ZRK15, Ain96, AE95, MG95, NCV06].

Approximations [BH14a, Bru15, CAS11, CJ95, CM13, CHH01, DD13, EZ11, FWA+11, GP99, GT06, GMS02, HBS00, KPO9a, KM97, KS99, KL05, MMZ03, MS13, RT01, SL10, Str99, Tal15, WGT14, ZD09, ZNX14, vdEH05]. Approximative [KKS08]. Arbitrarily [GHS+09, KMV99, RMB00].

Arbitrary [ADR14, AAD11, AI98, CL10, NS01, PP97, RT99, SG04, TC12, WK06, YYYY11, DR93a]. Arc [CDM+13]. Architectures [ABC+14, CP95, GV15, Gon15, HWD02, LD11, Pip13, PR96, TD99, BPT93].

Arclength [LMR97]. Area [KEF11, PP97, SCD+10, ZF14]. Arising [BGL08, BSSW13, CH10, FG14, HN10, GV98, HL10, PS13, RG07, RH09, Slo02, WW03, ZFwCW15]. Arithmetic [AT15, CJ90, Drm97, JK12]. Arnold [CGP12]. Arnoldi [BS05a, DCP11, EPE05, GN14, GT94, LPS10, SSW98, TT96b].

Arnoldi/Lanczos [GT94]. ARPACK [WT01]. Arrays [KK09, OA93]. Arrival [RMD08]. arrivals [CC96]. Artificial [Dor10, GMS02, LNS03, SSD11, Tsy97].

Ascent [DZ12]. Asian [Mar03, dFL05]. Askey [XK02]. ASKIT [MX15]. Aspects [PF94, SD10, Huc93, RST93, Sun93].

Assembling [Pet99a]. Assembly [AAD11, RKL09, WH09]. Assessment
Assimilation [ANP00, Toi96]. Assisted [CVE13]. Associated [DB94, RC06]. Astronomical [CJN13]. Asymptotic [AKLP10, BLR14, Bur97, CGK13, DGS08, GKO0, HG98, HT14b, HW14a, JMN01, Jin99, JS10, JW13, Kha98a, LS12a, LM08, NBA+14, PDM09, SL09a, YJ13, BW93, TR93]. Asymptotic-Induced [Kla98a]. Asymptotic-Numerical [GK00]. Asymptotic-Preserving [BLR14, Jin99, JS10, JW13, YJ13, LS12a]. Asymptotically [APZ13, BV98]. Asymptotics [Gar94]. Asynchronous [AAII98, GKL08, HKT01, LMPQ03]. Atmosphere [GKC13]. Atmospheric [BZ97, GRL10, JSPC97, LCH09, RW97, TGS08, YC14]. Atomic [CDS98]. Atomistic [Sha12]. Atomistic/Continuum [Sha12]. Augmentation [KNN12]. Augmented [BR05a, BO06, BW11, DGRZ15, FGM08, FL08, KS13, OB08, PSLG14, AF15]. Augmented-RBF [AF15]. Authority [FLM+05]. Auto [Der08, MW13]. Auto-accelerated [MW13]. Autoassociative [SAY03]. Automated [BL04b, DJ07, FHFR13, GGOY02, ØLW08, RL13]. Automatic [Bal00, BBR04, BV00, CMM08, CK15, DRFNP07, HSS08, LXL11]. Balancing [BMP14, Bas98, Ben01, GPTV15, NV05, Ten09, WC00]. Ball [LLZ09]. Banach [YZ05]. Band [BF01, DJP00, GG09, Wil09, CN03, CT94]. Band-Limited [GG09]. band-Toeplitz [CT94]. Banded [LNC05, MKSG10, BW93, Lan09, Tre93]. Bandlimited [BR14]. Bands [GT98]. Barrier [La95, ZK14c]. Barriers [MJR05]. Barycentric [BH14, SV13, WTG12]. Based [ACVZ12, AGI10, AMM+11, AdVCO00, ABC+14, AKAA13b, AHT12, AB08b, ADH99, ATK12, ACF09, BQQ08, BF01, BCR11, Bar12a, BB08a, BN98b, BzCS11, BSSW13, BO06, BW11, BC09a, BPS13a, Ber00a, Ber98b, BL04, BPL14, BDvdG05, BQ08, BS05f, BBT11, BCF00, BTGH12, BGL06b, CCM05, CL11, CB98, CHR02, CEJ+10, CBG12, CV07, CKD13, ÇAK11, CD13, CGM99, CMM00, CC03, CBS00, CK10, CSW14, Dk00, DMBB10, Dolo3, DGB15a, EHS+05, EOZ94, EOV05, EN08, EK14, FO08, FWA+11, Fra98, FV01, FN94, FM07, FO99, FKK+14, FGH+08, GVP06, GHKK15, GLS13, GY05, GSS00, GBDD10, GHS+09, GMPZ06, HKF+13, HHI13, HRT13, HS06c, HTW+12, Hof04, HR99c, HJMS07, ILK05, JKKM01, JS10, JV01, Jou94, JGZ06, JK00, KKP14, KH14, KB08, KMW15, KA95, KM97]. Based [KMR01, KHE07, Kra08, Lan98, LLHF13, LS05, LFB13, LNP15, LM08, LT09, LX14, LFJS14, LL08, LL09, LJ95, LKvBW10, LFB08, LJD0, MO00, MO10, MHS98, MN08, NXDS11, NMMW11, NK13, NSJ03, Not12, OS14, PKR+13, PQOB14, Pic03,
Pla98, PMSB12, RBH06, RG98, RSW10, RNR13, RS13, RLM06, RG98, RSW10, BBSW15, CMV97, DOH12, FFS07, Jam96, MOKS12, RR98, GM15, HS06d, GS14].

Bases [SLC01, TW03, ABCR93].

Basis [AD15, BN98b, BLB00, Bla97, BM00, CDS98, CHMR10, CBN02, Ded10, DP07, DFQ14, DHO12, EPR10, EF15, FM12, FP07, FLF11, Gar00, GV12, GD07, HKS12, JK10, JK15, KKS13, KR06, KP10, KL13b, LLHF13, LQR12, MR04, MS13, NRMQ13, OS14, Ong97, PS10b, Ros05a, VP14, VW98, WSK99, WRS08, Yan14, vdBF08].

Batch [WRB+15, CC96].

Bayesian [APSG14, BCP15, BTGH12, BTGMS13, DKM14a, CBCR14, FWA+11, Hei13, HCHS13, LM14a, LW14, PM14, Re13, YG15, YGCP96].

Bayesian-validated [YGCP96].

BDDC [BPS+14a, KLR14, PWZ10, Tu07].

Beltrami [ABB09, WkZ15].

BEM [CP07, CSS12, GH02, LS12b].

Bipartitioning [AKA13a].

Birkhoff [PS08, PS11a, PS11b].

BiCGSTAB [CGS+94].

Bi-CGSTAB [CGS+94].

Bi-CG [AdSGC12].

Bi-CG [AdSGC12].

Biharmonic [ADGM98, BACF08, BK00a, BK10, CD98, CD97, Zha94].

bilevel [CV93].

Bilinear [D'A00, ST11, Wan01].

BILUM [SZ99].

Binary [CDM+13].

Biorthogonal [BB15c, WB00].

Biostatistics [HBSC97].

Biot [PRM09, Ros06a].

Bipartitioning [AKA13a]. birthday [PS97]. Bisection [AMP00, CCS97, HO15, Lj95, MC90, Man95, ST97].

Bivariate [HHL07].

Black-Oil [BMM98, JK07, Yav96, iW11].

Black [BMM98].

BLAS [Lan98, QOSB98].

BLAS-3 [QOSB98].

Blendenpik [AMT10].

Blending [OSCEO0].

Blinds [EK14, SX11].

Blacks [Ros05b].

Blok [HJMS07].

Block [AKA13a, AAB+15b, ADRS95, AP04, BCR03, BGLY05, BGL06a, BDJ05, BS96b, BD05, CGL+12, CGL+13, CST+13, Di97, DF99, DGRZ15, EHS+05, GWGM03, GG03, GG05, HK13, IM99, JFG10, JF11, JFG13, KL05, Kla98b, Kyn01, Krz01, LJ93, LSS03, LWZ13, MS10, MM95, MM98, MN00, NP93b, PL03, PS11a, PEC+14, PV15, RKN07, ROKW14, ROKW15, RT99, SZA99, Saa03, SBX+08, SH14, Ste08, TSK09, VV13, WX99, Xie05, YDF97, Zie12, dSL05, AM95, CMV97, CS97, F96, J95, RC94, Rot96, CPV95, KAL07, CMV97].

Block-Boundary [IM99].

Block-cyclic [LJ93].

Block-Diagonal [AP04, VV13, dSL05].

Block-ILU [CPV95, CMV97].

Block-Lanczos [BCR03].
block-oriented [RG94]. Block-Parallel [GG05]. block-partitioned [CS97]. Block-Preconditioner [PV15]. block-size [CMV97]. Block-Structured [GG03, RKLN07, Zie12]. Block-Triangular [Kla98b]. Blow [ADKM03, BWZ10, BHR96]. Blow-Up [ADKM03, BWZ10, BHR96]. Blood [DCSO10]. BLOPEX [KALO07]. Boltzmann [AB08b, BCR11, BYK05, BLM03, CCM05, CL10, DMML05, Del14, Elt96, FMP06, HYC15, JS10, JW13, JK00, Lee10b, Lee10a, Lee12, MW03, PR01, Str00b]. Boltzmann-Based [BCR11]. Bootstrap [BBB+11, BBKL11, BK14]. Borehole [PDTVM08]. Botanical [LB07, LB08]. Both [Ros96]. Bottom [GN07, SS08]. Bottom-Up [SS08]. Bound [BCL99, BLNZ95, CXY10, Kea97]. Bound-Constrained [BCL99]. Boundaries [Lay06, LL97, LXS+08, NP08, PP97, VB07, TR93]. Boundary [ABLS05, AA00, AFF+15, AP97, ABK11, AP12, AS94, AC95, ADM+15, BGH14, BCR11, BH00b, BHV05, BBS15, Bar14, BWV15, BSSW13, BH12, Ber98a, BK06, BM01b, BF95, BT13, BCH12, BIYS00, BT13, BKS98, BOPGF06, BG04, CCG14a, Car07, CGAD95, CP03a, CGZ99, Che98, CH08b, Coa12, DB98, DD13, Der08, Dor10, DHE13, DK03, DKM14b, EO15, EJ08, EM96, EM99, EN08, FGMP13, FGMP14a, FGMP14b, FJ99, FDS13, FS02, For06, Fro12, Gar09, GY06, Giv12, GKS98, GPK04, HG02, HHT03, HS05b, HM14, HJ96b, HW09, IM99, JL03, JL05a, JP01, KBV09, KP06a, KLJ10, KLY05, KP05, KP06b, KWW13, KGT07, LS99, LHL12, LOSZ07, LG97, LM12, LL11, LP04, LS02, MS07d, Mal07, MST15, MS07e, MS03, Nas09, NAS13, Nat98, NCT99, OSU10, ORST12]. Boundary [PL03, Pat97, PRSS11, RH06, RK07, RS03, RSSZ08, SBS98, Sch09, SC03, Ste00, SD11, TKW08, TT96a, TY00, Tau96, TW03, TP09, Tsy99, VC00, VV05, Vil09, VPP05, WL04, WFPF15, XEG06, YCZ13, YK03, vdZvBd10a, vdZvBd10b, AGC96, DR93a, HG96, Rán93, Tsy97]. Boundary-Element [Nat98]. Boundary-Value [ABLS05, BIYS00, Der08]. Bounded [BHNPR07, Ber00b, DW15b, Gär90, GJM94, HS06d, NS06, Nor07]. Bounded-Obstacle [NS06]. Bounding [SB05, Wil09]. Bounds [Bre00, Cabc94, CHMR10, GH15a, GSS00, KK13, LQX14, Mon08, PS02, PDH09, SBP04, TBO10, Van00]. Boussinesq [LRD+04, HHSW11, MCLJ94, Yan14]. Box [JK07, KSD10, MSS05, BH12]. Box-Constrained [KSD10]. BPCONT [Der08]. Brain [HDB08]. Branch [Der08, Kea97]. Branched [Li03, RC06]. Breaking [OT09]. Breakup [BLGL11]. Breast [BNFS13]. Bregman [BCC+15]. Bridge [VP05]. Bridging [PKR+13, RDP08]. Brinkman [TV13, XZ10]. Brittle [AFMP15]. Brownian [CL03]. Broyden [Anj93, YDF97, vNLB04]. BSDEs [RO15b]. Bubble [TKW08]. Bubbles [HY10, dVL10]. Buckling [HLP08, LCH99]. Burgers [BHN07, DMM05, EiL96, GPK00]. Bursting [Sma01]. Butterfly [KM12, PDMY14, Yin09]. C [DARG13]. C. [PS97]. Cable [KO05]. Cache [AKA13b, GMPZ06, HR05, YB09]. Cache-Aware [GMPZ06]. Cache-Oblivious [YB09]. Cahn [BS15, KW07, ZD09]. Calcium [Gob08].
Calculating [MNK10, MS04, Nak98].
Calculation [BD99a, BHP08, CRV14, GLR07, HM98, HBJ04, KKS13, Mon08, TT96b, TB99b, WM00, WMUZ13, YGB+05]. Calculations [Ber95a, COZ96, CDG05, DLY14, HW94, LYL+11, LJL98, Ste11, TB02, Zas95, ZZWZ14].

Calibration [DKM14a, CAB04, HCK+04]. Can [CCF14].
Canonical [ABTZ14, De12a, DM13b].
Capacitance [LV98, PV94, PV95].
Capillary [SCS04].
Capture [LW14].
Capturing [BJ01, WL04, Wan04].
Carlo [KKS08, ABL05, ACDs+11, BHVST14, BK04, BCSS14, EHL06, EBSS+11, HW14b, HHLLO0, IT99a, IK10, IT14, KBK+08, LZ04, MS04, MSS12, Okt05, PR01, TPW09, Wan12, WKPP13].
Carreau [Lee14].

Central-Upwind [KNP01, KPP07, KPP09].
Centrifuge [SCS04]. Centroidal [BGL06b, DGJ03, DW05b, JGZ06]. Certain [BGL06a, EJJ08, FFS07, IM98, VK15].
Certified [CMR10, EPR10, GP12, HSI12, KP10, Yan14]. CFD [Ema10, HML+04].
CFL [CKQ14, WL01]. CFL-Free [WL01].

CGSTAB [CG94]. Chain [BP07, EHL06, Kus97]. Chains [BBB+11, CPR11, Day98, DS00, DMM+08, DMM+10b, DMSW10, DMM+10a, GaP08, SBM07, TY11]. Challenge [EMM+99].
Challenges [DN+04]. Challenging [LJ03]. Change [PP12a]. Changed [ZK14c].

Changing [BCF01]. Changing-Chart [BCF01]. Channel [Hun96, KWW13, VS03].

Chaotic [CD06, XYZ05]. Characteristic [AH06, AW11, BMV05, DB13, EAS08, EAS11, MB02, GO13, SH06].
Characteristics [WMS09, YVB98].
Characterization [LM14, LN+11].

Charge [Ana99]. Chart [BCF01]. Cheap [BO05, TP99].

Chebfun [RT11, TT13, WMJT15]. Chebyshev [AC08, BS98, BK10, DS95b, DS97, FP14, HT14b, HP14, Jac03, LV94, MR02, PCDB96, She95, TW09, TT06, VS04, Zbl11].

Checkerboard [Lee13a]. Checkpointing [SW09, SW10a, WIM90]. Chemical [CVE13, DHJW08, GK13, IP06, Jah10, LNP+07, PS13, Ver94]. Chemistry [JSPC97, LCH09, NK15, SZ06].

Chemosensitive [FS05]. Chemotaxis [FY14, NMWI11].

Chirplet [GG09].

Choice [CMK11, CJK10, DLZ10, BLC97, DG95, LL94]. Cholesky [BDHS10, BPT93, FGM95, HRS10, LM99, MHC95, Meo01, NP93b, NP93a, PS93, RG94, Rot96, RS99, Sch93, ST14a, ST14b, YTD15].
Choosing [EW96, HR96, JG02, Lee09, SRS12].
Chopped [CCSS08]. Christoffel [And08, BT03b, Ban08b, DK11].
Chromodynamics [SO10]. CIMGS [WGB97]. Cimmino [ADRS95, DGRZ15].
Circuit [BJ08, CCCZ10, MT97a]. Circuit/Field [CCZZ10].
Circuits [BBGS13, MS07c]. Circulant [Ber00a, DN97, NP10, SCTP04, Huc93, CC96].
Circulant-plus-Diagonal [NP10]. Circular [AA00, Ama98, NH12, Smi97].
Circulation [TGS08]. Circulatory [KLJ10]. Circumventing [RLG98].
Class [BM08, BB03, BR09, BBM+15, CCFP12, CDG03, Che98, DFN12, GS14, GVMM14, HSS08, KA95, Kla98c, KE08, Lj03, Mau01, MG12, PP12b, Ser06, TW05, Virt07, WZ03, Wat04, Car93]. Classes [VK15].
Clenshaw [EJJ08]. Climate [MW08b].
Coagulation [EW00, FL04, MNBK10, PW12].
Coalescence [ABM+13, FCM12]. Coarse [AKPRB08, CPW15, CWX15, EHL06, FS14, Fer98, MS07a, MNP07, NXDS11, SAB14, WY09, Yav98].
Coarse-Graining [AKPRB08].
Coarse-Grid [Fer98, MS07a, Yav98].
Coarse-Scale [EHL06]. Coarsening [BF10, Lee10b, MS07b, MMV98, OKLS15, Wab05].
Code [CM98a, CM98b, CWA14, HML+04, Min02, OLW08, RWX07, WMSG09, EL93].
Codes [Ber00a, HBSC97, vHBT12, JS93].
Codim [KM05]. Coefficient [BK08, DF99, FGMP13, FGMP14a, FGMP14b, GM14a, JL05b, JR98, KGM+11, KG14, LY09].
Coefficients [ABST13, BVW09, CT03, CD02, CRV13, DF03, EIL01, FDS13, GH99, GD03, HA01, HCRT13, Jia14, KKV13, KG14, LG01, LPR11, SY03, Sch98, WR13].
Cohomology [PSG13]. Cole [LHL11]. Collection [AILP07, WR93]. Collocation [AS94, AC95, BF95, BFK03, BFK05, BF06, BK10, Bjo95, BvW09, DS07, ELtHR00, EM99, FF15, GM14a, KNN12, KV05, KHRvBW13, Lay03, NX12, NJ14, NGX14, Sun95, TT06, TV98b, WZ14, WY09, WI12a, WI12b, XZB11, XL05, YG15, ZK14b, ZTRK14, ZNX14, Bia94, BR95, DS95b, HHVR93, PM95, PCD96]. Color [FNB06].
Combined [BGN07, DY06, MF06, dDBV14]. Combining [CDGS05, FT03, HKC+04].
Compact [BDK12, GB12, GCB15, GW04, GM04, Huc08, KS94, LPR00, PT08, SC98, TAH15, ZSpH14, Pel93, PP08a].
Compactly [Pla15]. Companion [AVW13]. Comparative [ACD05, BBKK97, GRT05, LL00, LZ04, Ros05b].
Comparison [AC05, CW15, DS00, GKL11a, INS05, KTB14, LW03, NV05, Qo05a, RU01, WE06, ZW03, Zin00, ST94]. Comparisons [Elt96, KP11]. Large [BHST08, BF10, GP99, MNP07].
Compensation [MOKS12]. Competitive [Boz09]. Complement [Bla03, CGL01, HSF07, Kra12, LS05a, MG11, Ma07, MRT00, MAJ98, Ov07, PSLG14, SS99, DS95a, FCR93].

Complementarity [ZYSL15]. Complements [BS05e]. Completion [AKM+14a, GKK15, TW13a, WLL+15].

Complex [AM04, AL99a, AH04, BKK97, BOR97, BS96b, BKS13, BGL06b, CCG14a, CMM95, DH01, DJT08, Du11, GM14b, Har11, HML+04, IP06, Kir14, LS09, MF06, MO08, Nat98, SY14, SAE10, TW03, ABCM97, Gut93, LV94].

Complex-Symmetric [Nat98]. Complex-Valued [DH01, MO08]. Complexity [GM14a, HVW95, KKT13, Kir14].

Compliance [PPV11]. Complicated [AGH13, Bre96, Yav93]. Component [GG05, GH14, HMST11, WZET13].

Component-Averaged [GG05]. Component-Based [WZET13]. Components [BzCS11, FB95, OW02]. Componentwise [Van00]. Composite [AGH13, CSG96, EIL+09, GM14a, HM10a, LMPQ03, Mu99, PP12a, PRSS11, SP03, SJR90, XBC96, ZCW10, Pet93].

Composite-Grid [LMPQ03]. Composites [TG04]. Composition [BMC05, GGK+04a, McL95, Vi14].

Computational [APS12, AHT12, BBP13, BS04, BCG+10, BWZ10, BTGMS13, CC98, CHL06, EHW00, EMT09, GGLT00, GM14b, Gk05, JKR08, Kon99, Kra08, MW11, NK15, PMSG14, Rav05, Ros97, SD10, Ste00, TGS08, Tsy99, TAHR15, Wan07b, Wan07a, WMSG09, Zim14, AP93].

Computation [ADL15, AP01, AVW13, BZ10, Ba00, BS96a, BS05e, BAFF00, BL04b, BM12, Bog14, BvC+10, BKK06, BDMFSL04, CDY07a, CFSZ08, CPT05, CBCR14, CV98, C399, DK11, DLP05, Drm97, DGK98, EL01, ELtHR00, FL03, FDFW07, GH13, GS12, GST12, Gi99, Gu96, GD03, HT13a, HHLs15, Ho05, HKM97, HK02, IBM01, Inv02, ISS06, JLY08, KB96, Lab05, LLHF13, LS94, LX12, LMR97, LH00, LCH09, Lui97, ML11, NP14, PKG13, RO15b, Sch10, Sei95, SL09a, SWT00, WT01, ZLBC03, vVKA11, AD96, BZ93, Tsy97, WM93].

Computations [Bk07, BP97b, CS94, CX08, CSW10, Du98, Fai03, FLF11, GH07, GCB04, HL95, JR96, KtvBW10, Nat98, OSCE00, Pek12, SW03, TW96, ZCW10, OA93].

Concave [NNT13]. Concentrating [LL02]. Concentrations [JW05]. Concepts [GW00, vD03]. Condensate [BH08].
CSW99, CHH01, HSWW08, HSW08, KO05, Kra09, PWGW12, WL97, WK03. contacts [LP06]. Context [GKT09, ten95].

Continuation [BDF08, CCJ07, CKK03, Der08, GK05, Kuc12, LS13a, LZ99a, LMR97, LC05b, Lu97, Lyo11, RAB+14, SSH06, WYG210, vNLB04, LL93].

Continuation [DP09]. Continuity [GKT09, ten95].

Continuation [BDF08, CCJ07, CKK03, Der08, GK05, Kuc12, LS13a, LZ99a, LMR97, LC05b, Lu97, Lyo11, RAB+14, SSH06, WYG210, vNLB04, LL93].

Continuing [DDF00].

Continuous [MC09, CDPC13].

Continuous [BB13, BS95, BBM+15, BDK12, BKS98, CKV99, CDG+09, DMS01, DT00, FMM98, GR05a, GKV00, GB06b, GV98, KMG+08, KMG+11, KL00a, LP96, LMR98, LS05b, Lu95, Not12, TUV10, WE06, QX15, ZLS12].

Convective-Diffusion-Reaction [CDG+09]. Convection-Dominated [BB95b, DMS01, GR05a, HR99a, Hei96, HY10, JX13, WX99]. Convection [HHT03].

Conventional [LZ04]. Convergent [MC09, CDPC13].

Convolution [Ban0, BV03, BS96, MK06, OK13, SCDM+10, TV98a]. Convex/Concave [LNS96].

Convex [IR98, JX13, WX99].

Convex-Diffusion [GT06].

Convolution-Dominated [BB95b, DMS01, GR05a, HR99a, Hei96, HY10, JX13, WX99]. Convex/Concave [LNS96].

Convex-Preserving [LNS96].

Convexification [LNS96].

Correct [Pat97, ZH09].

Corrected [AW11, BMV13, DR13, RW14, Str95].

Correlation [ABTZ14].

Correlated [BzCS11, Hei13].

Correlations [CWX15, HO96b, SAB14].

Corrector [RC06].

Correction [CMM95, DH95, DT00, FTY15, GXY15, Hei96, KSU14, SZ06, Yav98, Yav98, LZ93].

Correction-Type [CMM95].

Correctors [CWX15, HO96b, SAB14].

Controller [AK04, Rav02].

Controllers [AK04, Rav02].

Controller [AK04, Rav02].

Contrast [EIL+09].

Control [Aru12, Ber98a, BH11, Ber95b, BG05b, BK00, BK02, BH08, BV09, CP04, CGR14, CF00, CP03a, CK03, CP07, CPT05, CK98, CBW15, CH01, D10, DZS09, DZ12, DMBB10, EM06, EHW00, EM07, FL02, GWS05, GM11, GS97, HS05a, HSB12, HN06, HH00, HR99b, IR98, KB08, KLS+15, KL12, KW10a, Kull12, KW15, Kus97, LV07, LM14c, MDD00, MRW15, MP08, NR013, OPB06, PBP14, PS13, PST15, Ray05, RW11, RW13, RL13, RO06, SMN10, TUV10, Wan07a, WGW12, Yiu95, ZWH+14, ZFW015, vWBV09].

Controllability [NMS06].

Controlled [vLH14].

Controllers [AK04, Rav02].

Controls [AK04, Rav02].

Controlled [vLH14].

Corrected [AW11, BMV13, DR13, RW14, Str95].

Correction-Type [CMM95].

Correction [CMM95, DH95, DT00, FTY15, GXY15, Hei96, KSU14, SZ06, Yav98, Yav98, LZ93].

Correction [CMM95, DH95, DT00, FTY15, GXY15, Hei96, KSU14, SZ06, VC00, Yav98, LZ93].
PJ96, RLG98, RNR13, SDNL10, SKJ+13, SX11, SW10b, TBKF14, Wil09, YCZ13, ZFHS15, DR93b, Gu93. Data-Bounded [Ber00b]. Data-Driven [IA14]. Data-Noise [BG10]. Data-Parallel [CKLN98]. Data-Sparse [BB08a, Bo¨r09, LOSZ07]. Database [HBJO4]. Daubechies [Jam96]. Daubechies-based [Jam96]. Davey [KR11]. Davidson [AH04, CPS94, Fsdv98b, HL10, Hoc01, HHLW15, NvdP00, SSW98]. Davidson-type [NvdP00]. DCT [ZLBC03]. DD/AMG [BFJ+15]. Dealiased [BR11]. Deblurring [BNP15, BDE08, CH08b, DEC05, MO00, NCT99, SC03, WNC08, YZY09]. Decay [BC13, ZCZ04]. Decomposition [ABLS05, ADGP07, AK04, BMP14, BDD+97, BDHS10, BJNN02, BL04a, BFJ+15, BLB00, BCLT15, Bet08, BLP14, BF95, BFK03, BT13, BIA05, Cai95, CMS94, CDS98, CBS00, CC14b, CGHT14, De 12a, DM13b, DT95, Den97a, Den97b, DW94, FKK+14, Gar94, GLMN15, GJM94, HNM+13, HLLM15, HN96, HM14, HS06c, He98, HJMS07, IW14, JF13, JKKM00, JCL07, JS10, Kla98a, KW00, Kus97, Lar99, Lee13b, LW15, MRS04, MPRW98, Meu01, MR94, Mu95, NH13, OT11, Ose11, PL12, QSV06, Rav02, RL10, RGG06, SRY+15, SAY03, ST98, ST98, TLN14, TS11, VMM12, VM15, WG00, YCC10, Yu01, YSS07, YYYY11, ZS02, Ain96, ALT93, BD93, BZ93, BR95, Cai93, DS95a, He97, Nat95, Nat97, S93c]. Decomposition-Based [CBS00, JS10].

Decompositions [Hos94, LWZ13, Rah13, YR98]. Deconvolution [Bar99, EK14, DG95]. Decoupled [KS14, SY14, Ske00]. Decoupling [LC05a, LC08, Sch02, WNC08]. Dedicated [DMD+12]. Dedication [PS97]. Defect [DH95, DT00, EM96, Hei96, SZ06, LK93]. Defect-Correction [DH95, DT00]. Deferment [PSB+06]. Deferred [FTY15, VC00]. Deficient [PRM97, QQ0QP99, Wan97]. Defined [PV08, RS03, Say15, Zhe07, BGP94]. Definite [BGLY05, BGM13, FMO8, JFG10, MV00, MB09, Ng00, Pla15, VSS14, Zha96, FS96, FF94]. Deflated [ARMNW10, GGPV10, JvGVS13, Mor02, RF07, SYEG00]. Deflating [SO10]. Deflation [BEPW98, CGL+13, FBF15, FV01, NV05]. Deflation-Based [FV01]. Deformable [ABC08, PRM09, Ros06a]. Deformation [GKT09, PWGW12, de 99]. Deformations [DZ08]. Deforming [Ros05a, Ros05b, TK13]. Degenerate [BCF12, BBM+15, CLST03, LSZ11, Slo02]. Degraded [NO98]. Degree [Ash95, Gre03, IMS96, SV11]. Degrees [HHL07, Lin06]. DEIM [WSH14]. Delay [BP97a, BMV05, CJK15a, ELtHR00, HV04, HXB11, HXB13, JMM10, Kus00, May08, SSH06, TSK09, ZCZK14, ZPE12]. Delay-Dependent [HV04]. Delay-Differential [SSH06]. Delays [HV04, SE11, SE13, XZB11]. Delta [SJD14, Wen08, Wen10]. Deluxe [BPS+14a]. Denoising [AKM+14a, CC10, CC03, CMK11, VO96, WNC08, WY13]. Dense [BOR97, BDvdG05, Bo¨r07, Che98, DB98, FT03, HLD12, HW94, HJS99, Hog13, Nat98, PPB13, Rah96, WLX+13, Yan94, LJ93]. Densities [Gub96, KKS08, SY10a]. Density [AM05, Bar12b, BTGH12, EMT09, ES00, FP13, FGMP14a, FGMP14b, HSF07, LY13, Red99, RN14, TV98a, UWY+15]. Dependent [ATK12, BCM11, CB98, CCG14a, CEJ+10, CBS00, EKSW15, HV04, Hwa07, Kna98, LH00, MO00, ML11, MNZ15, RZ03, RSSZ08, RWX07, SE11, SB05, SKJ+13, TVU10, ZCW10, vSRV11, Nor07]. Deposition [GST+99]. Depth [ZC106]. Derivation
[ABBM98a, CGI11, FHFR13, WX05]. 
Derivative [AMHR13, BtvÇg+10, FF15, HR14, HBSC97, IT14, SPKB13, XC13, DS95b, SS93a]. Derivative-Extended [SPKB13]. Derivatives [Cao07, DS97, GPK04, HW14b, KP09a, Man99, OB05, RLK107, MS93a, WTS94]. Derived [CL03, LM00]. Deriving [DO11]. Described [AKM14b, GPS95]. Describing [MK96]. Descriptor [GSW13, HSS08]. Design [APSG14, BFI07, CM98a, CGDD11, DKKP14, GS12, HOY03, HMR09, HRS10, LD04, PTrv+14, ST03, XZ14, vdHCDD15]. Designing [CCO11, Huc08]. Desingularization [HLS93]. Detecting [FD03, VP11]. Detection [AFMP15, BS95, CD06, HA08, LS09]. Determination [Jac03, JK15, NH14, XC13, Sar97]. Determining [BIK02, CWD13, GJ05]. Deterministic [CCM05, FS12, FS13, Kue12, Ros96, WKKP13, XZ14]. Deterministic-Stochastic [FS12, FS13]. Deterministic/Monte [WKKP13]. Detonation [BJ01, HLW00]. Detonations [COZ96]. Developing [LHL11]. Development [DMBB10, LZ99a, PV15, TKCC13, WL01, CSS93a]. Device [FFMT96]. Devices [BBGS13, BG07, RWA95]. devising [Yav93]. DFN [BPSV15]. DF [KR14, Leh15]. Diagnosis [BT00b]. Diagnostics [Str93]. Diagonal [AKA13a, APÇ04, Cas97, NP10, PKNS14, Saa05, TS11, VV13, dSL05]. Diagonal-times-Toeplitz [PKNS14]. Diagonalizable [HLT797]. Diagonalization [BOR97, SBR06]. Diagonally [CEHN08, KW15, QS08a]. Diagonals [DHHR09]. Diamond [MHL+15, MW15]. Dielectric [MG11, XJBS12, XJS13]. Diffeomorphisms [CM09]. Difference [BS04, BM10a, BM10b, CLTX15, FV06, FS02, Gas13, GHST98, GW04, GM04, HZ11, IW14, ILK05, IT09b, Jia14, JSZ13, JX13, JZ00, KP09a, Kup01, LNP15, LN03, LW03, LS11, LP03, Lu95, LK98, MC10, Min02, NN03, Not00b, OL98, OSCE00, PKD13, QS03, RU01, RLC08, Str99, TB99a, TW05, Wan04, WB12, Yam02, ZLLT13, ZLJ96, Zhu00, dVM08, Elt96]. Difference/Element [ZLLT13]. Differences [ADK+98, Hum96, Kwa99]. Differentiating [BT03a, BN13, BMV05, Kye12]. Different [SY10a, BME93, BEM94]. Differential [AC08, ACVZ12, AVZ13, AW15, AS94, BP97a, BJNN02, BS96a, BCM05, BB03, BBC07, BMV05, BHP98, BHW99, BOPGF06, BB02, BLL07, BDW11, CG95, CB98, CLPS03, CP04, CJK15a, CZK15b, CCG14a, CCGX15, CKK03, CCG14b, CMM95, CRV13, EPR10, EF15, ELHR00, EM99, FBF15, FGH+08, GASS00, G03, GB98, GPS95, GW00, HTMM15, HH13, HJ98, HLS98, HO94, HO96b, HVW95, HV95, HHL07, HG00, HV04, HXB11, HX13, IM99, JL03, K13, KW15, KMRW97, KR12, LCH09, Lee09, LMW15a, LLS13, LN05, LPR98, LZ13a, LCH99, MR90, MB00, Mcl95, MT97b, MT06, Mis01, Moo00, MS07e, PRM97, PP12b, Pul08, RMB00, RF10, RW06, RWX07, Sch98, Sch05, SE11, SE13, SB05, SSH06, TSK09, TS14, VI14, WL08, WH13, X02, XH05, XT06, YR12, ZTR14]. Differential [ZCP06, ZFZ14, ZPE12, ZKV99, Zyg11, bZOW07, AGC96, Boe93, BHP94, Gre93, HHRV93, Lam97, MT97a, MS93a, ZV05]. Differential-Algebraic [AS94, BHP98, CLPS03, CKK03, G09, GPS95, GW00, HTMM15, KMRW97, MB00, PRM97, RMB00, Sch05, BHP94, MT97a, MS93a]. Differentiation [BBR04, BV00, CV98, CJ99, GM00b, HBSC97, KLZ+06, LHF13, LKvBW10, MB00, PT08, XC13, AMB+94, Jam96]. Diffraction [HSS09]. Diffuse
[JLY08, KdS05, QS14, SKMF15, dSK11].

**Diffusion**

ADR14, ABF99, AHH12, AKM14b, AM05, Bar12b, BG98, BPR13, BBM+15, BDK12, BW01, BKS98, BHK12, BG04, CNP12, CH08a, CMK11, CD15b, CLST03, CKV99, CDG+09, CFM96, EO15, EHL09, EV13, EPSU09, FM98, FDS13, FDE+06, GW15, GKV00, GH07, GB06b, GT06, GV98, GGS08, HG98, HP14, Hen05a, IP06, JX13, JLY08, KGM08, KGM+11, KBK+08, Kla98a, Kla99, Kna98, KL00a, KL11, LS12a, LP96, LMR98, LR12, LM08, LW12b, LS05b, LS13, Lu95, MO10, MPS09, Not12, PKNS14, PDH09, PS08, PS13, PP05, PC98, RC06, SB04, SRS12, SY08, SYY09, SM94, TSTM08, TK13, Toi08, TUV10, TM14, UEE12, VS04, WXK04, WDE+99, Wan07a, WB12, WE06, XQ15, YTL11, YYY11, Zbi11, ZJC12, ZRTK12, dFL05, ZLS12.

**Diffusion-Advection-Reaction**

[Zbi11].

**Diffusion-Reaction**

EO15, VS04.

**Diffusions**

ZWH+14.

**Diffusive**

CM09, CILZ15.

**Digital**

Gu93.

**Digits**

Nik13.

**Digraphs**

MZW09.

**Dilute**

KP10.

**Dimension**

Ain14, BS05a, CM98a, GBCT10, HC95, IT14, MR07, PSDF12, Rde99, RT99, SvG10a, SD10, WS05.

**Dimensional**

ABMR11, AA02, BK99, Ber95b, Beu05, BM05, BBMR03, BKS13, CM98b, CP07, Dk00, DS14, DK03, EZ11, EG91, FK00b, GGLT00, GK98, GC97, HS94, JVG12, LAG14, Leh15, MB15, MLL13, Moc00, NX12, NH12, Ong97, OT09, PV08, PW10, Pek12, RR05, RR98, Sha12, SPT00, TT13, Tu07, WS07, WDE+99, YTL11, ZFi93, EOD93, HHRV93, MNS12, Snm93.

**Diminishing**

WI12a.

**Dipole**

Rah96, WKM+07, vWBV09.

**Dirac**

BK14, FKK+14, Rub12, SJD14.

**Dirac-Delta** [SJD14].

**Direct**

BACF08, BM95a, BIA05, BH14b, COZ96, CILZ15, DK10, DAE02, GM14a, GK04b, HG12, HG00, LAG14, LL00, MS03, NNH99, PR09, PP12b, RT99, SV00, XOMN10, YMW07, BME93, BEM94.

**Direction**

BF06, HV96, MO10, NWY10, NW11, Sta94, WY12, WY13, YZ11.

**Directional**

BPT+14, EE14, EY07, OB05.

**Directions**

CJ95, FG95.

**Director** [RG13].

**Dirichlet** [BK00a, BP06, CCG14a, EO15, Fli13, KL06, KP05, NXDS11, OK13, OWO14, YCZ13, Zha94].

**Dirichlet-to** [Fli13].

**Dirichlet-to-Neumann** [NXDS11].

**Disaggregation** [KV13, DS96].

**Disappearing** [APZ13].

**Discontinuities**

GB98, GM14b, LS94, RH06, TB02, WI97.

**Discontinuity** [DQQ13, IT14, LCH09].

**Discontinuous** [AGH13, ACCP13, BB13, BCS11, BDK12, BM11, BGO4, Cas02, CNP12, CKQ14, CT03, CD02, CVK13, RRR03, RT01, RW07, RF10, RDP08, RO12, Sch02, SY10b, SY12, SM94, SMA04, SJD14, TC99, Tsy99, U0109, VS03, WXK04, WS05, WMC12, WB12, WWM03, WO98, WCHZ14].

**Dimensional**

Wen08, Wen10, XBC96, Xu04, WX05, Yama02, YHQ12, Yu01, ZsSpH14, bZOW07, vdHCDD15, Elt96, ED95, Joe93, KT08, SRCG93, SMR01, HS97.

**Dimensionality**

ABTZ14, GH14, OT09, Sma04, ZZ04.

**Dimensions**

ABMR11, AA02, BK99, Ber95b, Beu05, BM05, BBMR03, BKS13, CM98b, CP07, Dk00, DS14, DK03, EZ11, EG91, FK00b, GGLT00, GK98, GC97, HS94, JVG12, LAG14, Leh15, MB15, MLL13, Moc00, NX12, NH12, Ong97, OT09, PV08, PW10, Pek12, RR05, RR98, Sha12, SPT00, TT13, Tu07, WS07, WDE+99, YTL11, ZFi93, EOD93, HHRV93, MNS12, Snm93.
CHH10, CDG^+09, CKRS07, DF99, DHE13, EKSW15, EIL01, FDS13, FHL13, GK11a, Gas13, GHH07, GL08, GH99, GW04, HA01, HHE10, HH02, HHvR03, Hs99c, HXB11, HXB13, JW08, Kan03b, Kim05, Kim08, KG14, KT08, KP06b, KO13, LI01, LY14, LK98, MN07, MMT15, MKRK13, Orst12, OWL08, PP08a, PP08b, Pet05, PRS11, POH09, QS05a, QS05b, QS08b, RMC12, RG09, RSA05, SSDN12, Sch98, TLLLK09, War13, WWM03, Whi15, XQX15, Xu04, XS08, XOMN10, ZK14a, ZCZK14, ZCL^+11, vSRV11.

Discontinuous-Coefficient \[DF99\].

Discontinuous-Continuous \[Kim08\].

Discrepancies \[GPS12, MC94\].

Discrepancy \[CZ13\].

Discrete \[AP14, AB08b, AKM14b, ACD^+08a, ACD^+08b, BT06, BTO8, BPS13b, BPS13a, Bur07, CHKM13, CS10a, CW13, Che13, CW14, CH11, DHJW08, EE001, EdDP09, FH06, FT03, FGH^+08, Gar09, GNO14, HHE10, HM10a, HH13, HPS06, HGP11, JvN96, Kof04, LCA08, MRS04, MNvST13, MM07, OV07, PBWB14, PR05, Rah96, Reg96, RF10, RS02, SBX^+08, SW10b, Tz14, VN03, WO09, Wb00, WkZ15, ZD09, ZW03, ZRK15, ZNX14, vGEV07, AD96, H993, Sch96\]. Discrete-Dipole \[Rah96\].

Discrete-Ordinate \[HHE10\].

Discrete-Ordinates \[AKM14b\].

Discrete-Time \[JvN96\]. Discrete-Velocity \[BST08, HPS06\]. Discretisations \[Hum95\].

Discretization \[ABB09a, ABBM98b, BAS09, BP12, Cj05a, DjP00, DT00, FHL13, Gas13, GHH08, HhvR03, HJP03, H111, HV07, JSZ13, KMS15, KG14, LDS11, Pet05, Pic10, TC12, dVL10, Gre93\].

Discretizations \[ADGM98, BJM03, BYL13, CGAD95, DT03, EHS^+07, FH06, GJP^+14, HZ11, JK00, Kan03b, Kye12, Lee10b, Lee10a, Lee12, MAM98, PWZ10, PP08b, QS03, SV08a, TW13b, TM14, TV98b, ULI10, UEE12, Vv05, WW03, MPPR93\].

Discretized \[Bj095, DGB15a, GM14a, KT08, RNR13, RLC08\]. Discriminant \[AdvC00, CG10, CLN12\]. Discussion \[ABB09b\]. Disease \[BF13\]. Disk \[TC99\].

Dispersion \[DW15b, GKH11a, Le 05, VSvB99, XS08, MP94\]. Dispersive \[GMO14, LHL11, PS10a\]. Dispersively \[APS12\]. Displacement \[LY98\].

Displacements \[HH13\]. Dissection \[GBDD10, HR98a\]. Dissimilarity \[GLT09\].

Dissipation \[GKH11a, GMS02, Roe98\].

Dissipative \[CDG14, GMO14, LSU11, Mal07, Shat03, WS95\]. Distance \[BtVg^+10, CS11, CSS2, Gro02\].

Distance-2 \[BtVg^+10\]. Distances \[BBK06\]. Distillation \[And99, ZY05\].

Distinct \[FBF15\]. Distorted \[SY08, SYY09\]. Distributed \[AKK14, AK04, BDD^+97, Bar12b, BBGS13, BCF13, BTY08, BtVg^+10, BFJ00, DGRZ15, GY06, Gkk10, HKR02, HWd02, HV04, IBW15, KMK99, KL12, PR96, Rag95, SS99, SE13, Sun96, TD99, Wan07a, Liu93\].

Distributed-Memory \[BtVg^+10, Gon15, PR96, Sun96\].

Distribution \[AB02, AD14, BLH02, DG08, KE20a, KB96, Luv15\].

Distributions \[BSHL14, CS14, Gub96, Man99, PF12, SBM07\].

Divergence \[BF14, MS06a, Sch02, Tor05, WWY09, XZ10\]. Divergence-Free \[Sch02, WWY09, XZ10\].

Divergence-preserving \[Tor05\]. Divide \[HLD12, LT09, LS13b, NH13, TD99, VTD12, LL93\].

Divide-and-Conquer \[LT09\].

Dividing \[Hum96\].

Distributing \[IK10\]. DNS \[BCM15a, Hof05\]. DNS/LES \[Hof05\].

Domain \[ABLS05, BMP14, BJNN02, BLO4a, BFJ^+15, BLB00, BRT07, BCLT15, Bla98, BT13, BIA05, Cav95, CMS94, CHL06, CVC14, CCG14b, DD13, Den97b, DS95a, DSZ13, DW94, EHL05, FKK^+14, Gark94, Grif95, HMM^+13, HLLM15, HRT03, HN06, Hes98, HLY13, JFG13, JKKM01, JCL07,
JZ00, Kla98a, KW00, Kus97, Lar99, Lee13b, LW15, MRS04, MPRW98, MR94, Mu95, MSV00, Nat95, Nat97, NP08, PS10a, PL12, PV94, PV95, QSV06, RL10, RBH06, RW01, RGG06, SRM+15, ST98, SD11, TS11, TZ14, TP09, WG00, XA99, YCC10, Yu01, YYY11, ZS02, Zim14, de 99, vLH14, vdZvBdB10a, Ain96, Cai93, Hes97, SS95, SS93c.

Domain-Decomposition-Type [TS11].
Domain-Map [vdZvBdB10a].
Domain-Oriented [Gri95].
Domains [Ama98, AGH13, Bar14, BK06, BWZ10, BOPGF06, CF05, DK11, DR13, DW15b, FDFW07, FKW13, HG02, HHT03, HT09, HLW13, ILK05, JK07, KL15, KLY05, RS03, SY12, SK05, SF08, XT06, VB07].
Dominance [Saa05].
Dominant [LWZ13, QS08a, RM08a].
Dominated [Ber95b, DMS01, GR05a, HR99a, Hei96, HY10, JX13, WX99, PCDB96].
Doniach [DG99].
Donor [MS98].
Dot [CWC08, ORO05].
Double [BH14, Nie06].
Double-Precision [Nie06].
Doubly [BCT07, DP98, Sko02].
Down [SCM10].
downdating [BPT93].
DPK [KL06, KL10, KLR14].
DPG [GMO14].
DQDS [LGP14].
DR [LMW15b].
Drag [Hof05].
Drift [BS95, BH10, BBM08, Kla98a, Kla99].
Drift-Diffusion [Kla99].
Drift-Flux [BH10].
Driven [GDLS14, IA14, MP08, TVV11, Kös07].
Driver [Der08].
Driving [BM11].
Dropping [May05].
DRp [PP12b].
DSMC [Ste11].
DST [ZLBC03].
Dual [ACCO00, BC807, BO07, BC09a, CGM99, CW14, HS06d, HSW08, IMS96, KR06, LD03, NH12, PGW12, FCR93].
Dual-Primal [KR06].
Duality [BBT11, CHK13, CJ10, CH11, Hofo04, WW03].
Duality-Based [CJJ10, Hofo04].
Due [Men94].
Dumbbells [KP10].
dummy [MS93a].
During [May08].
Dusty [PL06].
DWT [ZLBC03].
Dykstra [BR05b].
Dynamic

[A FK15, BBGS13, Ber98a, BB09, Cab94, CCFP12, DEP11, GGL10, HM10a, HBJ04, HEH14, LXS+10, NNR09, PR09, RP01, SV05a, SSW89, WM09, YP98, ten95].
Dynamical [BS05a, BCP15, CW12].
GDLS14, HHW00, LSU11, MTM08, NK15, RM08a, SP07, Sma04, WTWB09, WSH14].
Dynamically

[BBSV10, MM98, MN00, MNZ15].
Dynamics [APvDG12, ACCP13, BLS09, BMTZ13, BOR97, BLR99, BCM15a, CTB15, CKG13, DY06, EW00, FGL09, HM10, Jah04, Jay98, Kim05, LR10, LL98a, LL11, LFWP08, NKTY08, NV08, NBA+14, OK14, RKKW14, RWKK15, RN14, SDNL10, Sch94, Sha03, SP02, SZS97, Sko09, SY03, TK08, TPW09, WGF08, YHS07, Zim14, AP93, SRCG93].

Each [CGL+13].
Early [LFBO08].
Early-Exercise [LFBO08].
Earth [KY14].
Easy [GG09].
Eccentrically [GP96].
Eddies [SL09a].
Eddy [AL07, BST08, CCCZ10, EAS08, Hofo04, KL12, RH09].
Edge [BG10, BBMR03, Cas97, HM15, HO15, MNP07, PH13, RT01, Wal13, dV10].
Edge-Enhancing [HMS15].
Edge-Preserving [BG10].
EEG [AFF+15, WKM+07].
Effect [FLM*05, HP04, SP07].
Effective [AHH06, CP05, EHL05, JZ13, Kye12, MCT+05, NV08, TG04, WS05].
Effects [AAB+15a, DS96].
Efficiency [AMM+11, BSA13, CD02, HJ98, Kraf09, vHTBC12].
Efficient

[AFK15, ACCO00, AM05, ABTZ14, BS08, BK07, BS95, BCR11, BS05d, BMTZ13, BdSM01, BSSW13, BL07a, BT97, Bo10, BV00, BR11, BBK06, BHK12, CB98, CMS94, CH02, CL03, CN10, CV08, CJ99, CR14, CD06, CVW06, DH03, DAE02, EW00, Ema10, EPSU09, ES00, FDFW07, FNN05, GNOR14, GCB15, GST12, Gon15, GM14b, GKT09, OS02a, GE96, HRT10,
HNS08, HJS99, HB04, HBSC97, HMW07, IBM01, Jin99, JW13, KW07, Ket08, KZ00, KHW+14, LS13a, LZ13b, LM14b, LLZ15, LC05b, LD11, Luu15, MMRN15, Mac98, MB95, MLL13, MST15, Min08, NH13, OS98, PKR+13, PHJ11, QQQOPP99, Ry03, RW07, Ren15, RKL09, RS13, RS99, RO15b, SS98, SS12, She94, She95, She97, She99, SY00, SY12, Sto02, St11, SF99, SO09, TT07, TB99b, UEE12, VPP05, WS06.

Efficient [Wan13, WLX+13, WBFA09, WB08b, WGF08, Xia13, XJS13, XC13, YZY09, YP98, DG95, LSM93, PCD96, RG94, Yav93].

Efficiently [KMV05].

Eigenbasis [Liv08].

Eigendecomposition [HKO99].

Eigenfunction [BBKK97].

Eigenpair [Du98, MB99]. Eigenpairs [De 12b, GWMG03, MW01, VK15, YZ07, YZ08].

Eigenproblem [LZ99a, Oet99, LZ94].

Eigenproblems [AA13, BCR03, EPE05, GPP95, LZ99b, PPB13, Sta07, SM07, LL93, ZAK15].

Eigen solver [BDvdG05, GPTV15, HJS99, HLTT97, Kny01, Nik00].

Eigen solvers [BDvdG05, GPTV15, HJS99, HLTT97, Kny01, Nik00].

Eigenvalue [AF15, AH04, BCS07, BBB14, BYL13, CJO5a, CDY07b, CHH10, DN13, DLJZ96, EMM+99, ET01, rFS12, GK03, GOY92, GWM14, HLD12, HvdG96, HL10, HvdV03, HH15, HLM03, JMM10, JKLM14, KAL07, KSU14, MV00, MS06b, Mee01, MG12, NZZ06, NH13, Ng00, NvdP00, SG11, SW03, Sta07, TD99, VMM13, YGB+05, ZLZG98, vd03, CW03, DS93, MCMJ94, MS93b, Tre97, YL93].

Eigenvalues [ARMNW10, AT15, BS05e, Bou01, BO09, CP95, HLTT97, KM05, MS12, MN11, OK13, Rah00, RN14, SZ06, SBND11, SM07, SO10, Tch93].

Eigenvector [JKM14].

Eikonal [ABMR11, CV12, CV15, CCV14, FJP+11, FKW13, GK05, JW08, ZCL+11].

Einstein [BD04, BS05c, BLS08a, BLS09, BMTZ13, BN00, BH08].

Elastic [CSW99, DMM14b, HMCK04, Lay06, LL97, LJL09, Min02, Sei95, TY00, VMG09, LP06, TR93].

Elasticity [CLMM00a, CLMM00b, CPW15, CF05, DZ08, GOS03, HH13, KW00, KRO6, KRA08, MMT15, Pav98, PWZ10, VBT99, CMV97].

Elasto [FKTW10, LKX08].

Elasto-Acoustic [FKTW10].

Elastodynamics [BH14, BRT07, BL04b].

Elastohydrodynamic [GB06a].

Elastoplasticity [VF09].

Elastostatics [Sch03].

Electric [AAB+15a, ATV07, BBGS13, BJ08, HSZ12, ZB12].

Electrical [HHMS15, vdDA12].

Electromagnetic [AILP07, BS05b, BG98, BS06a, CHM02, HA01, LM15, MG07, PS10b, Rah00].

Electromagnetics [CHL06].

Electromagnetism [CDG05].

Electromechanical [RDF08].

Electron [KK13, LFJS14, WPL+13].

Electrocardiology [FDE+06, PS11b].

Electrocardiography [FDE+06, PS11b].

Electroencephalography [FDE+06, PS11b].

Electrochemistry [BCR11].

Element [AE08, ABF99, AV14, AGL13, BB13, BH14a, BCR11, Ban08a, BJNN02, BHV05, BB10, BBB14, BBGS04, BCLT15, BMM98, BBKT15, BC09a, BP13a, BPS13a, BYL13, Bla97, BM93, BP13b, BKMM10, BCF+00, BK11, BHW99, BRBT12, Bur13, Burg14, BCM15b, BG13, CGGS15, CGQ10, CG99, CPV95, Car07, CM98a, CM98b, CBG12, CP03a, CK03, Cas97, CD02, CCCZ10, CFM96, CHH01, CVE13, CSW14, DY06, DB98, DLG97, DMM004, DMM005, DG98, DLZ05, DKR12, DEP11, DZ08, DW15b, EJ08, EHW00, E03, FS01, FHH13, FG08, FKTW10, GJ08, DJ08, GL08, GKT09, GKS98,
Gra14, GC97, HH02, HL09, HR99a, HV01, HY08, HPV03, Hor10, HS01a, HY10, HK95, HS99c, HLY13, HSSZ09, JV96, JK11, JK05, JV01, JGZ06, JR96, Kan03a, KL05, KMS15, KKL05, KLST06, KS07. Element [Kir14, KG14, KS14, LW12a, LP11, LP13, LOSZ97, LP96, LMR98, Le01, Le05, LRP07, LP08, LDS11, Lee14, HHL11, LKV10, MR04, MM14, MRT00, MLL13, MST15, Mic01, MTTV98, MS12, Moo00, Nat98, NNRW09, NV98, NSK10, OSU10, ORST12, PRS12, PDTVM08, Pav98, PWZ10, PSKG13, Pic10, PWGW12, PC98, QZZ14, RT01, RS03, RW01, RDP08, RV10, RLC08, RWW14, Sar98, SJR09, SV08a, SL09a, SZ06, STW00, Ste00, Stw01, Ste00, SL09b, Tal15, TKW08, Tai96, Uli10, VP10, VP14, VM13, WK60, WLE+00, Wan01, WW09, Wh15, WH09, WKM+07, YSZ14, YK03, ZK14a, ZCZK14, ZN05, ZMS10, ZK96, Ain96, CGP93, MMP93, MP94]. Element-Based [CBG12]. Element-by-Element [FS01, SWT00, DLG97]. Element-Free [HV01]. Element-Structured [VM13]. Elementary [CVW06]. Elements [Ain07, AAD11, Ain14, BRT07, Bla98, Bre96, Cao07, CSW99, CGP12, Che98, CF05, CG07, CDPC13, GJ07, HT00, HPS08, HTV+12, Kup00, LO11, MT09, MNP07, NHSS13, NN14, Ols07, PV08, PP12a, PZPR07, PRS011, RKL09, Ros97, Ros06a, SB10, Sch02, SF08, WS07, Wan01, WWY11, WSK99, ZHS10]. Elementwise [LMR98]. Elimination [CL11, LPW96, Saa96, Rag95, Wri93]. ELLAM [WDE+99]. Ellipses [Gro02]. Ellipsoids [Kue12]. Elliptic [ABL05, AW15, AGH13, ADK+98, AP99, BDS98, BJNN02, BBC+01, BK06, BF95, BAS09, BB03, BIYS00, BHW99, Bur13, CPV95, CPB13, Cas02, CCER12, CT03, CD02, CM15, CJO0a, CM99, CRV13, CH11, DK03, EPR10, EF15, EGKS94, EMT09, EPV94, EIL01, Frol12, Gar05, GM14a, GXY15, GH99, GS00, HCRT13, HNO6, HG00, ILK05, Jia14, JCL07, JGZ06, KMW09, KS11, Knt96, KT08, Kus97, LP11, LP13, LV13, Lee09, Lee13b, LY13, Lui00, MV94, MK08, NRMQ13, NV98, Ols07, PL03, PS11a, PP08a, Pic03, PRS11, QZZ14, Sch98, SY10b, SY12, ST00, Sta97, TY08, TV98b, WH13, Wan04, XU94, YZ05, bZOW07, Cai93, Gre93, HHR93, Mc95]. Elliptic-Parabolic [LV13]. Elliptic-Type [Kus97]. Elliptical [PRM90, Ros96a]. Embedded [AP12, BH12, CKN06, HBL05, KP05, KP06b, LVKB10, ÖB05]. Embedding [DN97, GLT09, MDC08, CG93]. Empirical [CS10a, DOH12, JK10, Kea97, PBWB14]. Employing [WWY11]. enabled [CGHT14]. Enabling [MKWG15]. Encapsulating [UA04]. Enclosing [LHL12]. Enclosures [BBB14]. Encoded [NNRW09]. Energetic [Lec90]. Energetics [BZ10]. Energy [AK15, AAB+15a, BPS14b, BW01, BJ08, BM13, DK10, DIP00, DG09, Doh03, DS14, GJ08, HSWW08, HJP03, HJP04, In99, KG14, LW12a, Li03, MNP07, OST11, OWU14, RWW14, Sha12, SY14, Vas03, WCS00]. Energy-Based [Sha12]. Energy-Consistent [HSWW08]. Energy-Corrected [RWW14]. Energy-minimizing [WCS00]. Energy-Transport [BJ08, DIP00, GJ08, HJP03, HJP04]. Engineering [JKR08]. Enhanced [ADK+98, EEO01, HLM+09, JFG13, KM98, PDTVM08, Zim13]. Enhancement [DGP10, DS97]. enhancements [EG93]. Enhancing [HHMS15, NZZ06, Wan12]. ENO [CLTX15, GB12, JP00, JSZ13]. Enriched [HY10]. Enrichment [SL09b]. Ensemble [LM14b, LM14c, Rei13, UWY+15]. Ensembles [AM04]. Entries [ADL+12, ADLR15, CXY10]. Entropy
Entropy-Based [AHT12]. Entry [BCT07]. Enumeration [AHJS01]. Environment [ADL+12, BS98, LCBD07]. Epistemic [LX12, LQX14]. Epitaxial [BHV05, LL11]. Epitaxy [QZT11]. Equal [RMD08]. Equality-Constrained [HD15]. Equation [ABMR11, ADKM03, APS12, ADGM98, AB08b, AL99a, ATV07, AP12, AB10, BBL13, Ban10, Bar12b, BBL07, BLS14, BT97, BCM11, BGS09, BVL08, BV00, BP13b, BHA99, BTT13, BLM03, Bru15, BW09, Bur97, CCF14, CGK+98, CKS01, CL10, CCG14a, CP03a, CP05, CP07, CZ10, CD13, CH08a, CDH98, CLAT10, CD15b, CWX15, CJ95, DMM005, DJT08, DHJW08, DKPK14, DOK12, Du11, DKM14b, EBR00, FF05, FJ99, FL04, FMP06, FHL13, Fr012, FJP+11, FKW13, GS98a, GNL02, GM15, G098, GV98, GK05, GHR12, GHR13, GD03, GL10, HG08, HHT03, HHE10, HP14, HTT013, HT13b, HHSW11, HRT03, Hen05a, HZS12, HC98, HR99c, HW09, HV07, Jah10, JYG12, JLY08, JS10, JW13, KMW15, KA95, KMS15, KKF11, KL13a, KP10, KLD3b, KP05, KP06b, KS14, KO13].

Equation [Lar99, LMR00, Lee10b, Lee10a, Lee12, LM05b, LY98, LKO8, LZO4, MRS04, MG11, MNBK10, MW03, Mc12, MST15, MR01, MV06, Nas09, NAS13, NM06, OL98, PDH09, PR01, Pet01, Pic10, PV15, Q514, RBB06, RU01, RK07, SFP04, Sch05, SAB14, Str14, Str06b, SD11, TY08, VMOG09, VB07, WXW04, WGT14, WIOH08, WH13, XKV08, XSO8, YMW07, YTL11, ZLLT13, ZLLT15, Zha06, ZD09, ZJC12, ZW03, ZSpH14, Ze07, ZLTA15, BDP96, CDH97, Elt96, JS93, Lie93].

Equations [ARMNW10, AC08, ACV12, AV13, Abg09, APZ13, AKF15, ACL09, ALJ99, AW15, ANP00, ABK11, ACD95, AADK98, AA02, AS94, AC95, ADM10, ACCP13, BS08, BBSV10, BHN07, BLOL8, BLO2, BP97a, BT06, BYK05, BJNN02, BK08, BK99, BHO0b, BJM03, BW15, BGN07, BGN08, BN00, BLO0, BDO9, BM01a, BS09, BL07a, BW11, CM09a, BHK14, BM08, Ber95b, BPS14b, BCF12, BK10, BP12, BCM05, BGH4+03, BHST08, BM15a, BMV97, BPR13, BS15, BV09, BH11, BC07, BMV05, BC99, BJ08, BL03c, BL05, BHW99, BOPGF06,Bur13, Bur14, BEP98, BB02, BLO7, BHK12, BDW1, CGGGS15, CCFP12, CLMM00b, CLW13, CH09a, CG95, CB08, CLPS03, CP04, CJK15a, CJK15b, CCG14a, CFR05, CBG12, CM09, CAA03, CN12, CV12, CV15, CCM08, CG13, CK15, CCJ7, CW207].

Equations [CHMR10, CM15, CJK15, CLST03, CM00a, CVK13, CW06, Chr09, CLTX15, CCV14, Coa12, CK03, CG07, CCG14b, CI11, CRV14, CRV13, CH11, DB98, DD13, DG98, DLZ05, DG09, DP10, DT03, DAE02, DGGG09, DP03, DF99, DHO12, DHE13, DW15b, EPR10, EKSW15, EDGL12, Eln98, Eln99, Eln00, E001, EHS+07, EF15, ELHR00, EOZ94, EM99, ELL01, FS01, FBF15, FGMO8, FR15, FM11, Fisv98a, FGH4+08, GJ08, GW15, GK00, GASS98, Gar97, GN104, GK03, GLMN15, GRL10, GHST98, GW98, GXY15, GB98, GT06, Gra14, GK08, GPS5, GW00, GS97, HG02, HW13, HS05b, HL09, HNS08, HSS08, HJ98, Hel11, HRT13, Hen06, Her08, Hes98, HS99b, HLM4+09, HLS98, HO94, HO96b, HBS00, HHI1, HVW95, HV95, HS99c, HTB+05, HHL07, HY14, HJX15, HG00, HV04, HW09].

Equations [HX11, HX13, HC15, HK02, IM99, ILK05, JL03, JW08, JL11, Jia14, JP10, JX13, Jin99, JCL07, JK05, JP08, JL05b, JK05, JZ00, KM11, KN12, KGM+11, KM97, KK13, KS99, KLW02, KL05, KGGS10, Kla98a, Kla99, KR11, KLS08, KOV15, Kue12, KW15, KW01b, KQW04, KMRW97, KL00a, KNP01, KP09b,
Equations [NBA +14, NSK10, Not12, "Ökt05, OR02, PKNS14, PS10a, PL12, Pen00, PT01, PP08b, PRR05, PRM97, PP12b, PELY13, PS12, Pul08, Pup99, Rah96, RAB +14, RT01, RL10, RW11, RMB00, RC06, RG09, RW01, RW06, RX07, RSA05, Sar98, Sch98, SV08a, SE11, SE13, SY12, SY09, SM94, SWT00, Sim07, SB05, SvG08, SV11, Sta94, SMN10, ST98, SSH06, TLLN14, TLLK09, TW05, TC12, TSK09, TM14, TC99, Tor05, TS14, VS04, Vi14, VS03, Wab05, WOC0, WDE +99, WL01, Wan07a, WL08, WWY09, WY11, WMC12, WB12, WWM03, WE06, XZB11, XQX15, XK02, XH05, XT06, Xu04, Xu99, Xu04, XZ10, YCZ13, YJ13, YDF97, YCC10, Yan14, YR12, ZK14a, ZCZK14, ZS93, ZV05, ZCW15, ZF05, ZFZ14, ZS02, ZFHS15, ZPE12, ZKV99].

Equations [Zyg11, bZOW07, iW11, AGC96, ABS96, ABCM97, ABCR93, Atk94, AO93, BZ96, Ber97, Bia94, Bae93, CC97, DS95a, EOD93, ES96, Ema97, ED95, Gre93, HHVR93, HG96, Hes97, LK93, Lam97, LV94, LCW95, LSM93, MT97a, MS93a, MCJN94, MP94, PSB +06, PM95, She94, She95, SS95, WAZ94].


Equivalent [DH01]. Equivariant [Tau96]. Ergodic [Vil15]. Ericksen [CGGGS15]. Erratum [BEM94, CDW14b, FGMP14a, FS13, Hri05, LB08]. Error [ABF99, AV14, AdVC00, Ain07, ASZ07, ATK12, BR02, Ber95b, BPS14b, BCM11, BP13b, BBT11, Bre99, BWD11, Cab94, CP04, Cao07, CGAD95, CF00, CP03a, CK03, CP07, CW08, CJ09, Che94, CV94, Cho05, CCH15, CGW10, CHH01, Ded10, DP09, EHW00, EMT09, FL02, GLS08, GGL07, GSS00, Har08, HHW00, HLL0, Hof04, HR99b, JSV10, KKP14, KL +15, Kas95, KS99, KW10a, Kul12, KW15, LV07, Liu96, LPP09, Men11, MNZ15, Nor07, OC03, OC05, PS02, PDH09, Pic03, Pic10, PS10b, RL13, San10, Sch03, SKJ +13, TE07, TP99, TBO10, WC03, WWY11, We94, WW10, WSH14, ZCK12, ZHS10, dLRT09, vdZvBdB10a, vdZvBdB10b, DG95]. Error-minimizing [We94]. Errors [BK11a, GGM +04a, GMO14, GPS12, Hei13, HW99, Men94, RW97, Rub12, ten95, AGC96, SS93b]. Errors-In-Variables [ten95]. Escape [GDLS14]. Essential [Sch09]. Essentially [CFR05, QS05a, QS08b, ZLS12]. Estimate [BR02, KLS +15, Str93, Wat98]. Estimates [AL07, BP13b, Bre99, CDH98, CAB04, HZ11, HR99b, JSV10, KL15, KL94, LD03, Men11, PD09, TBO10, WW03, ZCK12, ZHS10]. Estimating [AMHR13, HSB12, HR14, Lei93, MW11, PVL11, SLO13]. Estimation [AK15, ABF99, Ain07, ATK12, AM05, BP97a, BG10, BF13, BPS14b, Bla03, BBT11, BM00, CP04, CCH15, Ded10, EHW00, EMT09, ES00, FB95, GCB04, GM00a, GK13, Har08, HCR13, Hei13, Hof04, KH14, KSL98, KHL06, KV07, LX08, Liu96, MS07d, Ng94, PS10b, RW13, SPKB13, SW01, TE07, TP99, WWY11, WE13, Win06, WSH14, YR12, YSS07, vdZvBdB10a, vdZvBdB10b, Liu93]. Estimator
Estimators [Red99, TV98a]. Euclidean [ACCO00]. Euler [ABCM97, CBG12, CCM08, CK15, CPR11, DT03, EOD93, Ena97, HG02, Her08, KL93, LLD99, LJL98, LSM93, MV06, NBA+14, SMN10, TV93, Xu99, YC14], Eulerian [ACCO00, ABCM97, CBG12, CCM08, CK15, CPR11, DT03, EOD93, Ena97, HG02, Her08, KLS+15, KQW04, LK93, LL99, LJL98, LSM93, MV06, NBF+14, SMN10, TV93, Xu99, YC14], European [AO07, FO08, OGO13, Toi08], Evaluate [BS98, Bar00, HS99a, PRM09], Evaluating [DP07, Li10, Yun03], Evaluation [AO07, Bar14, BWV15, BN98b, BV98, CBN02, CBS00, DP09, Far01, FM12, GJM94, GPK04, GGK04b, HKF+13, In99, Kea97, KKL05, KLS06, KS07, KL01, LK93, LG09, LX14, Nit99, OSU10, OW98, RMC12, Ros06a, BS94, SS93a], Evaluations [KHRvBW14, TZ14], Event [GL15, Kof04, LLZ15], Every [Fer98], Evolution [BEG+08, BGN07, BGN08, Coa12, DHO12, EOZ94, JTZ08, KM97, KLS08, Kup00, LPS13, LFLS08, LMMW04, McL12, MK96, MRSS14, RS00, SL11], Evolutionary [CDGT01, DZK90, DLZ10], Evolving [CM09, NNH99]. Exact [BHNPR07, BLP08, CFSZ08, DN97, FF13, JP08, NHSS13, NS06, Oli01, PDH09, PV08, PEC+14, Saa03, SBP04, Str93, VS03, WMUZ13, ZH09, HLS93], Examples [MT99, GM96], Exchanger [VP14], Excitation [CVK13], Execution [MZW09], Exercise [LFBO08], Existence [FLM+05, G¨ar09, Zygl11], Exit [BP06, GDSL14], Expansion [Bur97, CJGX15, DLY14, OC03, OC05, PDA09, RZ03, RO12, RTK12], Expansions [BBK97, BDW11, CJ05b, FO08, JK10, Kei09, RT05, Rub12, RN14, TW09, Nat95, Nat97], Expectation [LR10], Expectations [ML11], experience [Car93], experiment [Ber97]. Experimental [BF07, TBKF14, BL03a], Experiments [ABH03, APGS14, Ban10, BBC+01, BG12, CGP12, CGDD11, GMT98, HRV11, vdHCD15, Kor93], Explicit [AVZ13, AAI98, BPR13, BB09, BK11, CHAM06, CS10b, CS10c, DW98, DG09, EJL03, FGS14, GKC13, GMM15, HS05a, HCRDT13, KW10a, Lay06, LD05, LMS997, MO00, PKD13, SS93a, VS04, WL01, ZS02, Ena97, LK93], Explicit-Implicit [ZS02], Explicitly [DCP11, EPE05]. Exploiting [AKA13b, EL93, GRT05, MDC08, SLvdGK14, SBS98, SW03, SVG10a, Wan12], exploratory [Sun93], Exponential [AMH11, BDZ13, Bar12b, BN13, BGH13, COR13, DLP05, HLS98, JL03, JL05a, LPS10, LT14, SIDR15, SL09a, TL12, vdEH05, O95], Exponentially [BB10, Lan10], Exponentials [PPT11], Exponentiating [Lee13a], Exponents [BHW99], Exposing [BDO12], Expression [HTR12], Extended [AKPRB08, BPS13a, GH15a, HTW+12, SPKB13, Ser06, Yun03], Extensible [HHLL00, KMA+12], Extension [AP14, BT04, Ben05, KO13, Pip13, RSA05, TT13, WMJ15], Extensional [KP10], Extensions [Cho09, FFS07, Nie06], Exterior [HHT03, KL13a, NHSS13, TET10], External [Tsy99, Tsy97], Extraction [DTV13, MS07c], Extrapolated [CS10b], Extrapolation [ALZ14, HL09, HW09, JR96, JR98, MMZ03, WTG12, WI12b, XZK95, Ber97], Extrema [KV96], Extremal [De 12b, Zha96], Extreme [AHJS01, rFS12], Extremum [WI12a], FA [IJ08], FA-SART [IJ08], Faceted [RS00], Facing [GM11], Factor [GG94, GG95, WZSL12], Factored [BK07, BT99, JFG15, SS93b], Factoring [BH14b], Factorizable [DT03], Factorization [AVW13, BQ008, BS99a, BSvdG99, BMM08, BUT13, CPV95, CP15a, CL08, CKLN98, CGH11, CST+13, DW05a,
FMRR13, GDL07, GBDD10, GE96, GG10, HS06c, HRS10, KP11, MSL13, May08,
PSL14, PT08, QOSB98, RT10, RS99,
ST14a, ST14b, SF08, Sun96, VM13, WGB97,
WZSL12, Xia13, YTD15, ZJX14, CMV97,
FGM95, MH95, Nag93, NP93a, PS93, Rag95,
RC94, Rot96, SS93b.

Factorizations
[DGHL12, LM99, MOKS12, Man95, MM95,
MM98, MMN00, Sch93].

Factorized
[BT00a, KKS13, LNC05].

Factors
[Bol03, DO15, WWJ12].

Failure
[LX12, LX14, LLZ15].

Fairly
[BK06].

Faithful
[ROO08a, ROO08b].

Family
[CWC08, Mu95, Sz97, SvG08, Tal15,
Tot94].

Far
[CRV14, LS09].

Fast
[AdVC00, ABMR11, ACD95, AKM+14a,
ALZ14, ABB+04, AVW13, AIV98, AO93,
BGL08, BZ10, BCR11, BMR10, BK98,
BK99, BS05b, BOR97, Bar99, BR02, BN98b,
BLB00, BACF08, BPT+14, BC02, Bit99,
BB15c, BD99a, BIA99, Bru15, CDY07a,
CDGS05, CV12, CCR12, CN93, CT94,
CC98, CWA14, CBN02, Cho01, CG10,
CRT11, CX08, DBC13, DD12, DFN12,
DKGS15, DN97, DKO12, DW15b, DR93b,
EB96, ES96, EE14, EOZ94, EY07, EG01,
FGMP13, FGMP14a, FGMP14b, FWA+11,
FM99, FJP+11, FKW13, GR02, GV13,
GLR07, Goe97, GY09, GHST98, GK05,
GD07, GLN09, GrM10, HT01a,
HT14b, HJ07, Hel11, HG12, Hog13, HEGH14,
HR98b, HG00, Inv02, ISS06, JW08, JP11,
KK98, KV12a, KBK+08, KP11, KLZ+06,
KW11, Kup98, KGT07, Lab05, LAG14, LS94,
LG97, LMPQ03, LCA08, LFB13, LCD14].

Fast
[Li10, LYL+11, LB12, LFLS08, LFBO08,
LS02, Lyo11, MG07, MG09, MG11, MR07,
MSW05, McL12, Nag93, NAS13, NP96,
NCT99, NL99, OSU10, PS13, PS11b, PRR05,
PP13, PS03, PD15, PT08, RO15a, RRR03,
RRR05, RT05, RT99, Rum09, SKMF15,
SLFL06, Sch94, SC03, SV00, SvG08, SVG10b,
Str94, TW09, WO09, WB12, WYGZ10,
XH15, XJBS12, YVB98, ZLBC03, ZCL+11,
ABCR93, BS94, MMM+95, MMMY96,
Sch96, CRMC12, CD13, EMT99, ZK14c].

Fast-Multipole
[EG01].

FATODE
[ZS14].

Fault
[HHLS15, SRM+15].

Faults
[SW15].

FDEs
[AMN15].

PDF
[PSYG13].

FEAST
[GPTV15].

Feature
[DTV13, HA08, HGPM14, ZCZ04].

Features
[MRV06].

Feedback
[BBSW15, BSSW13, NMWH].

Fejér
[XH15].

Fekete
[PZPR07].

FEM
[BC06, BHK12, CF00, GH02, Sch03].

FEM/FDM
[BC06].

FENE
[KP10].

Fermi
[Rub12].

FETI
[KL06, KL10, KR06, KLR14, RT01, Stc01].

FETI-DP
[KL06].

Few
[GHS+09].

FFT
[LFBO08].

FFT-Based
[LFBO08].

FFTs
[MK93, Pel93].

Fibers
[WiO08].

Fictitious
[BR07, For06, HRT03].

Fidelity
[CC11, NK10].

Fiedler
[KT15].

Field
[ATV07, BBKT15, BCM15b, BFSN08, CS94,
CL03, CRV14, DZ08, FTY15, GHHK15,
GrM10, HSZ12, HKC+04, HJP04, Hri03,
Hri05, JW13, LY13, LS09, LK15, LXL11,
MM14, MKWG15, PV15, RAB+14,
RWWK15, SY10a, SY14, TK13, WPL+13,
WMUZ13].

Field-Effect
[HJP04].

Field-Split
[KL15].

Fields
[ABB09, CPH14, DW15a, GS14, HR98b].

Fill
[CAK11, Obi01].

Fill-In
[Obi01].

Fill-Reducing
[CAK11].

Filling
[GMPZ06].

Filter
[FL08].

Filtered
[rFS12].

Filtering
[Har11, KMW99, NMS06, sSRV11, NP96].

Filters
[AT15, CCO11, MKRK13, RKL07].

Fin
[MR04].

Finance
[MSW05, WS05, WS06, Wan07b, Wan12].

Financial
[HW14b, KKSO8, Mar01, RO12].

Find
[Goe94].

Finding
[CGS02, CK98, CP95, FBF15, LZ01, LZ02,
Liv08, Saa03, XYZ12, YZ05].

Fine
[BDO12, But13, CP15a].

Fine-Grained
[BDO12, But13, CP15a].

Finite
Flow-Control [Ber98a].

Flows [AE08, AK15, ABB04, BB13, BST08, BBKK97, BBSW15, BCLT15, BPS13b, BPS13a, BG05b, BB08b, BD99b, BC09b, CFGM11, Cha07, CL03, CC12a, CD98, CBS00, CHH10, CCH15, DD00, Dor98, EAS11, GG02, HM98, HR99a, HPS06, IR98, KCZ15, KEE11, Lee14, LD05, MCT05, Man05, MM14, MT99, NNH99, OW00, RJKS11, Ros06b, SA99, SL09a, SY10a, Ste11, VN03, WLE00, WC07, ZCZ04, BY93, LL94, TR93, TS97].

Fluctuation [BLH02].

Fluid [ACF09, BQQ08, BC10, BB15a, CFGM11, CHH10, Cor98, CDFQ11, DY06, DP10, ES00, EF05, FGS14, HR14, HS07, IR98, KCZ15, KV05, LQ12, Lee14, LM15, LO14, LFWP08, LL08, LKK00, MRT00, MKWG15, ME09, NV08, PRS12, PVV11, QS14, RR98, RW13, SC10, SNB08, SF99, WLE00, WL09, Zinn14, vB05].

Fluid-Membrane [RR98].

Fluid-Structure [ACF09, BQQ08, BC10, BB15a, CFGM11, CHH10, Cor98, CDFQ11, KV05, LQ12, MVWG15, NV08, PVV11, RW13].

Fluid-Structure-Interaction [vB05].

Fluids [DD00, Del14, GHH15, In99, KW07, KP10, Le 01, LXS+08, SY14].

Fluid-Flow [ACCP13, BLMR02, BH10, CZ10, FM07, KQW04, PDH09, WL97, YHS07].

Fluid-Based [FM07].

Flux-Control [FEM08].

Flux-Free [PDH09].

Flux-Vector [KQW04].

Fluxes [DK98, Mar94].

Fly [TY11].

FMM [ABC+14].

FMV [TW93].

Focus [Gro02].

Forer [DKO12, KP10, Kus00, LM5b, Ly14, ZL15].

Fold [RO08b].

Following [FK00a, PH11, Wa99].

Force [BM11, TP09].

Forced [CAB94].

Forces [BJ10].

Forchheimer [ACL09].

Forcing [EW96].

Forests [BW11, IBWG15, WP98].

Format [AKA13a, AP04, BL07a, BF14, C10, CJ05b, DMK14b, H1099, HE07, OR02, PT09, SL11, Lan93].

Form [BG14, DKO12, GKK15, HRS12, KKF11, Kor15, KSM14, WH14, OD12].

Formats [RO15a].

Formula [KM05, RF10, RS02, BGP94].

Formulation [BCM103, HT14b, PDA09, Ush01].

Formulas [BG14, DKO12, GKK15, HRS12, KKF11, Kor15, KSM14, WH14, OD12].

Forward [CH09b, MO10, MT06, VP10, ZS14, ZF14].

Forward-Backward [MO10, MT06].

FOSS [LM15a].

FOSS [FM98].

foundation [Ber97].

Four [MM14].

Four-Field [MM14].

Fourier [MM14].

Fourier-Backward [MO10, MT06].

FOSS [LM15a].

FOSS [FM98].

foundation [Ber97].

Four [MM14].

Four-Field [MM14].

Fourier [MM14].

Fourier-Backward [MO10, MT06].
Fourier-Based [CD13]. Fourier-Cosine [FO08]. Fourth [AP12, BS05c, BGN07, BT97, GB06b, Hen05a, KT05, KR11, LPR02, PL03, RWX07, ZJC12, ZF14, ZSpH14, She94, She95].

Fourth-Order [AP12, BS05c, BT97, GB06b, Hen05a, KT05, LPR02, PL03, RWX07, ZJC12, ZF14, ZSpH14, She94, She95].

FQMR [SV01]. Fractal [PD15]. Fractional [AF15, BCF13, BHK12, CRMC12, CZK15b, CD15b, DW15b, FF15, HP14, HLW00, LHL12, Li10, Nik13, PKNS14, WB12, YTLI11, ZK14a, ZK14b, ZCZK14, ZAK15, ZLLT13, ZLLT15, ZSpH14, ZLTA15].

Fractional-in-Space [BHK12]. Fractional-Step [BCF13]. Fracture [BPS13b, BPS13a, EdDP09, HTW+12, HGPM14, MM07]. Fractures [MJR05].

Frame [LFJS14]. Framelets [CCSS08]. Framework [ACD+08a, ACD+08b, Ban08a, BTGMS13, yCWHJ12, CKO15, DO11, DSZ13, FCF14, IA14, KR00, Kye12, Lee12, OS14, Pek12, PMSG14, San10, TC12, WL13]. Fréchet [AMHR13, HR14, LKvBW10].

Free [AS06, BGM13, BTY08, BB15c, Bog14, Bur97, CFZ08, yCWHJ12, FF15, HP14, HLW00, KHF+13, HV01, HY10, HHLW15, KCZ15, KV13, KGT07, LP08, LT09, MS06a, MT09, PDH09, PTvR+14, RK07, Sch02, Str94, TY00, WL01, WWY09, XZ10, vVKA11, vZvBD10b, ACW12, Bru15, Fre93, TR93]. Free-Boundary [vZvBD10a, vZvBD10b]. Free-Form [PTvR+14]. Free-Space [Bur97, Str94].


frequencies [WM93]. Frequency [AIL05, BS95, DT95, Den97a, HV07, IJ08, KMW99, KK02b, LAG14, RBH06, Zim14, vLH14].

Frequency-Adaptive [IJ08].


Fuel [BK00b]. Full [CGG+98, CGG+99]. Free-Boundary [vdZvBdB10a, vdZvBdB10b]. Free-Form [PTvR+14]. Free-Space [Bur97, Str95].


Fundamental [AFF+15, AA13, SK05]. Further [CLMM00b, GG95, LZ99a]. Future [EMT99]. Fuzzy [CRV13, vdHCDD15].

G [CGQ10]. G-NI [CGQ10]. GaAs [CCM05]. GaAs-Based [CCM05].

Galerkin [PP08a, SBND11, AW15, AGH13, BB13, BB15a, BK00a, BT97, Bøe93, BCS11, BDK12, BMV11, BG13, BG04, Cas02,
CNP12, CKQ14, CN99, CVK13, CHH10, CDG+09, CG11, CRV13, CRKS07, DHJW08, DAE02, DHE13, EKSW15, EAS08, EAS11, EPSU09, FS14, FF05, FHL13, GKL11a, Gas13, GH07, GLL+14, GGK04b, HHE10, HS05b, HH02, HHvR03, HS01a, HS99c, HJX15, HXS11, HXB13, Han03b, KS11, Kim05, Kim08, KLI03a, KG14, KLI3b, KT08, KO13, L99, LV13, LS12b, LY14, Liv15, Log03a, Log03b, LMMW04, MN07, MMT15, MST15, MKRK13, Mu97, ORST12, ØLW08, PP08b, Pet05, PoH09, Q50a, Q50b, Q50b, RMC12, RG09, RSA05, ST08, She94, She95, She97, She99, SS10b, Smi97, Str00a, SL09b, TVV11, Ull10, UEE12, War13, Whi15, Win10, XQX15.

Galerkin [Xu04, XS08, XOMN10, Yan14, ZCL+11, vSRV11].

Galerkin-Characteristic [EAS08, EAS11].

Galerkin-Projected [SBND11].

Games [AHJS01].

Gamma [GST12, KB96, Luu15].

Gaps [GK03].

Gas [BCM15a, CGK13, CF07, LL98a, LXL11, NBA+14, PL06, Ste11, TPW09, Xu99, YHS07, LL94, SRCG93].

Gas-Kinetic [LXL11, Xu99].

Gaseous [VN03].

Gauge [BHST08, Chr09, GH13].

Gaunt [RY03].

Gauss [Alp99, AM95, BR02, BMF12, Bog14, Day98, EJJ08, FMRR13, GK11a, HT13a, Lan10, PZPR07, SV10b, Swa02, TVW09, Ver94, dSK11].

Gauss-Trapezoidal [Alp99].

Gaussian [AM04, ACW12, Bar12b, BGR10, BTGH12, CS14, DX97, DW15a, FM12, FLF11, Fra98, GS14, LLH13, LD04, MC05, PF12, PM03, PRM09, Rag95, Ros06a, Tan93, WTS94, Wri93, Y98, Zim13].

Gaussian-type [MC05, Tan93].

GCR [HZ10].

Gel [PS97].

Gegenbauer [GJo5, Jac03, Kei09].

Gel [WGFO].

Gelation [EW00].

General [ABK11, AH09, ADK+98, BK06, BCR09, Bör07, CS99, CG95, CGG07, CCA03, CS10c, DO11, FL08, GW15, HR96, HV01, Hun95, KL15, KL94, KKS13, KHE07, KHW+14, LCD14, LSC03, wLxY00, OST11, PDA09, QZZ14, RK07, Saa96, SZ99, SS99, TGS08, Vas10, W10, WZSL12, Xia13, XZB11, ZV05, WTS94].

Generalised [Kas95].

Generalized [BS05d, BLS09, Bet08, BCH12, BGR10, CC09, CC12b, CBN02, yCWHJ12, DB98, DF10, EHL05, FCF14, FCC10, GH13, GK00, GN14, GR02, GLMN15, GY02, Hös94, HLW13, IT09a, LV98, LMRS15, LCN14, Lec14, LL96b, LK04, Mas09, NV08, NvdP00, SS98, SV10b, SQ002, TLN14, WK06, XKVW08, YR98, Zha97, ZLG98, BD03, BZ93].

Generalized-Laguerre [BLS09].

Generalizing [ET01].

Generated [ADGM98, HGPM14, KKT13, Man95].

Generating [CV93, GKL08, LST07, NSJ03, FS96].

Generation [AKM+13, ADM+15, BW09, CHR99, CWL+14, DF10, GP06, HW14b, HB04, Knu96, KR00, LCS08, Mac98, OL08, SP03, de 99].

Generative [GH14, KPPS14].

Generators [LSW02].

Geometric [OW02].

Geodesic [MK08].

Geolocation [RMD08].

Geometric [AC04, AC05, BGG07, BGN08, BS05, BKS13, CH02, CGG+14, CV15, GMT98, KP12a, KS07, KS15b, MTTV98, SB10, WL11, WE06].

Geometrical [Du11, JW05, QL06].

Geographically [AL99a].

Geometries [AA00, BBKK97, CCA03, For95, HBL05, IP06, She99, Smi97, SAE10, TK13, ABCM97, She97].

Geometry [AHT12, ADK+98, KMS15, PN03, TW03, WWM03].

Geophysical [FHR14].

Geophysics [CGL+12].

Geostatistical [Hri03, Hri05].

Geostrophic [CLP08].

Ghost [LP08, W10].

Gibbs [FP14, H10, H10].

Gilbert [BBP13].

Ginzburg [DJT08, Mu97, MDC98, NR98].

given [SSD12].

Global [BBKK97, BTGMS13, CP04, CV94, CGD11, FL08, GJP+14, GAMV13, GJM94, KH14, KL13a, KW10a, Kul12, KW15, LV07, ZL98].

Generalised [Kas95].

Generalized [BS05d, BLS09, Bet08, BCH12, BGR10, CC09, CC12b, CBN02, yCWHJ12, DB98, DF10, EHL05, FCF14, FCC10, GH13, GK00, GN14, GR02, GLMN15, GY02, Hös94, HLW13, IT09a, LV98, LMRS15, LCN14, Lec14, LL96b, LK04, Mas09, NV08, NvdP00, SS98, SV10b, SQ002, TLN14, WK06, XKVW08, YR98, Zha97, ZLG98, BD03, BZ93].

Generalized-Laguerre [BLS09].

Generalizing [ET01].

Generated [ADGM98, HGPM14, KKT13, Man95].

Generating [CV93, GKL08, LST07, NSJ03, FS96].

Generation [AKM+13, ADM+15, BW09, CHR99, CWL+14, DF10, GP06, HW14b, HB04, Knu96, KR00, LCS08, Mac98, OL08, SP03, de 99].

Generative [GH14, KPPS14].

Generators [LSW02].

Geometric [OW02].

Geodesic [MK08].

Geolocation [RMD08].

Geometric [AC04, AC05, BGG07, BGN08, BS05, BKS13, CH02, CGG+14, CV15, GMT98, KP12a, KS07, KS15b, MTTV98, SB10, WL11, WE06].

Geometrical [Du11, JW05, QL06].

Geometrically [AL99a].

Geometries [AA00, BBKK97, CCA03, For95, HBL05, IP06, She99, Smi97, SAE10, TK13, ABCM97, She97].

Geometry [AHT12, ADK+98, KMS15, PN03, TW03, WWM03].

Geophysical [FHR14].

Geophysics [CGL+12].

Geostatistical [Hri03, Hri05].

Geostrophic [CLP08].

Ghost [LP08, W10].

Gibbs [FP14, H10, H10].

Gilbert [BBP13].

Ginzburg [DJT08, Mu97, MDC98, NR98].

given [SSD12].

Global [BBKK97, BTGMS13, CP04, CV94, CGD11, FL08, GJP+14, GAMV13, GJM94, KH14, KL13a, KW10a, Kul12, KW15, LV07, ZL98].
Globalized [vWBV09].  

[BK08, BM01a, PBP14, TBKF14, X008].  

Glued [DPv05].  

GMBACK [Kas95].  

GMRES [ADGP07, BCGR98, BD05, BM01a, CGL+12, CGL+13, De12a, DP03, FG98, GAMV13, GGL07, GGPV10, GT94, Jou94, KX96, LS05b, LMW15b, Meu11, Mor02, PP08b, Sa93, VL10, WOW00, WWJ12, RF07].  

GMRES-Based [Jou94].  

GMRES/CR [GT94].  

Goal [CPB13, CCH15, LW12b, LW14, PDTVM08, RL13, vdZvBdBl0a, vdZvBdBl0b].  

Goal-Oriented [CPB13, CCH15, LW12b, LW14, PDTVM08, RL13, vdZvBdBl0a, vdZvBdBl0b].  

Godunov [DW97a, NMAB11, Pem93, ZMC94].  

Godunov-Type [DW97a].  

Gordon [BDZ13, Zhe07].  

Governed [LN05, SS95].  

GPBi [Zha97].  

GPBi-CG [Zha97].  

GPS [CP03b].  

GPU [GHS+15, GHS+09, HEHG14, LGH+13, NAC+15, RHSK11, VTD12].  

GPU-Accelerated [GHS+15, VTD12].  

GPU-Based [GHS+09].  

GPUs [VTD15, DCP11].  

Graded [BKS13, CWL+14, LC08, SSW12].  

Gradient [ABF96, BD04, BL08a, BMT96, BCT00, BCP15, BCL99, CM98b, CDH98, DK10, DEC05, Don06, Fie98, GS12, GY99, GRMS09, GH99, HR99c, JvGV13, Kny01, KS13, Kup00, Kus00, NZZ06, SYEG00, SCM10, SM94, SO97, TBO10, UWW+15, VMV15, WS07, ZNo5, ZZWZ14, Zim13, ten95, Car93, NP96].  

Gradient-Enhanced [Zim13].  

Gradient-Particle [Kus00].  

Gradient-Weighted [CM98a, CM98b, Kup00].  

Gradients [CJ99, GRPG01, NR98, Not00a, PF12, RN95].  

Grain [KLT06, Man99].  

Grain-Size [Man99].  

Grained [BD012, But13, CP15a].  

Graining [AKPRB08].  

Gram [GL03, Ste08].  

Gramian [BB08a].  

Gramian-Based [BB08a].  

Grandchild [DT95].  

granularities [BME93, BEM94].  

GRAPE [NKTY08].  

Graph [BT08, CCS97, FFS07, GS05, HL95, HS06c, KTPS14, LT09, LB12, MC09, OKLS15, Sch10, VSS14, WZSL12, JP93].  

Graph-based [FFS07].  

Graphic [WHCX13].  

Graphics [KMSM14, Nov15].  

Graphs [Ash05, CS11, KK98, KPÇA12, KPP+14, KV13, OWO14].  

Grassmann [DS96].  

Grassmannians [SL10].  

Gravitational [LXL11].  

Gravity [CK15, LRP07, Pet93].  

Greedy [MS07b, MS07a, MS13].  

Greeks [KKS08].  

Green [Bur97, EHL05].  

Greengard [Alu96].  

Grid [BACF08, Ber95a, BvW09, CWX15, CJO5a, DF10, FL97, Fer98, GV13, GKT09, GR05b, HKF+13, HHL15, HBL05, HS94, ILK05, Jam98, Knu96, KR00, LMPQ03, LJL98, MS07a, MK08, NNRW09, Pet99a, Pup99, SP03, SY10b, SY12, TT06, WL11, WHCX13, WO01, XBC96, Xu94, Yav98, ABCM97, Atl94, TV93, VBT99, CP13, NJ14, SAB14, ZTRK14, ZNX14].  

Grid-Based [HKF+13].  

Grid-Free [HKF+13].  

Grid-Multipole [Ber95a].  

Grid-Particle [CP13].  

Grids [ABBM98a, ABBM98b, ADR14, AD06, BG0D08, BH12, Bit99, BL05, BKS98, CH94, CKV99, DFQ14, DMBB10, EZ11, FS14, FEM08, Gär09, GGL09, GOV06, Hen05b, Hen06, HH11, KH00, KP12b, LE10, LO14, LDM00, Mac98, MV09, Mau95, NX12, PZZB15, Pet99b, RT01, RW01, RHSK11, SJR09, TW05, TC12, Wan01, WM11, WK03, WPG13, Wu99, Yam02, YYYY11, ZF09, Ziel12, bZOW07, BZ96, Pet93].  

Gross [DK10].  

Ground [BD04, BL08a].  

Groundwater [JKKM01].  

Groups [Mit08].  

Growing [FFS13].  

Growth [BH05, BLo13, BCG+10, CS94, KLT06,
Guaranteed [CC06, CC11, LC05a, LC08, NN12, Wal13].
Guaranteed-Quality [Wal13].
Guidance [Lee09].
Guided [Fli13].
Guides [CC12b].

h [ST98].
Haemodynamics [CDFQ11].
Hagedorn [FGL09].
Half [DT00, GHTW00, NN05].
Half-Quadratic [NN05].
Half-Staggered [GHTW00].
Halftoning [GPS12].
Hamilton [Abg09, BHT11, BL03c, CCFP12, CCF14, CR05, GI99, HW13, HS90c, HJX15, JP00, KNP01, LNS206, LT00, LPS13, MN07, MK00, RR98, TW05, ZS03].
Hamiltonian-based [RR98].
Hamiltonian [AR99, BCF01, Be101, BB05, BL07b, JWH08, KP12a].
Hamiltonians [JWH08, SH01].
Hammerstein [KNN12].
Hand [ARMNW10, BCCI98, CGL+13, CB98, HR05, KMR01, LN04, MN11, SG95, SO10, CW97].
Hanging [ZMS10].
Hardware [SW15].
Hardy [NHS13].
Harmonic [AA02, BB10, BHNPR07, CGG+14, CW07, CHMR10, DLZ06, EDGL12, HY14, JN10, MMT15, MZ94, PL12, RGG06, RT05, VK15].
Harmonics [FF05].
Hartree [KFK11].
Hash [RNR13, TAH15].
Hash-Based [RNR13].
Hastings [Wal14].
Having [JW05].
HDG [CSS12].
Head [WKM+07].
Heart [Gob08, KLJ10, WIOH08].
Heat [ACL09, BK98, BK99, Don06, EAS08, EBR00, GS98a, HT13b, KS14, LG09, MST15, PNP13, SK05, Str94, SD11, VP14, VB07, Xu99].
Helmholtz [BZ96, Bar14, BFK03, BGS09, BIA99, BIA05, BTT13, CD13, CWX15, CRV14, EEO01, ED95, EOV05, GMN02, GH13, GMO14, GHR12, GHR13, GD03, HRT03, HW09, KMW15, KK02b, KL13a, Lar99, LMMR00, LB06, Liv15, MRS04, PELY13, SAB14, TET10, vGEV07].
Hemodynamics [BCF13, FGS14].
Hermite [BS05e, BLS09, Bia94, BR95, HOY03, MS07d, SV13, Tan93, VMM13, WB00, XH15].
Hermitian [BCR03, BGLY05, BGL06a, CGL+13, CT94, FF94, FGN93, Frel93, FS08, HSCTP04, KMR01, MS06b, PPB13, Sta07, SM07, Tre93, VD10, VK15].
Hessenberg [KT15].
Hessene-Hair-Triangular [KT15].
Hessian [BBR08, BTGH12, FWA+11, HM10a, KH14, LMSS97, Moun08, PABG11, WMU13].
Hessian-Based [BTGH12, KH14].
Hessian-vector [LMSS97, BBR08].
Hessians [GTMP07].
Heteroclinic [LMR97].
Heterogeneous [BLS14, BGS09, CSS10, CDB13, CK07, EOV05, HMM+13, KK02b, LZ04, PELY13].
Heuristic [HR96, MZW09, JP93].
Hexagonal [WL11, ZF09].
Hexahedral [RW01, SJR09].
Heyman [DS96].
Hidden [TB02].
Hiding [GAMV13].
Hierarchic [AA00].
Hierarchical [BG14, Hör09, BIA05, BF07, Fra98, GRS+15, GKS98, GMPZ06, HS06e, JZ08, LO11, MDC08, OS14, ONG97, RW07, SLO13, VW98, Ain96].
Hierarchically [Nov15, WLX+13].
Hierarchy [FR15].
High [ACVZ12, Abg09, ADR14, Ain14, AHT12, ADGM98, ANP00, BT06, BAF00, BM08, BN05, BPR99, BLR14, BTT13, BP06, BTWG08, CL11, CSS93b, CMM00, CCSS03, CW15, CLAT10, CD15b, CQX15, CMO10, CK94, DW97a, DW98, DHHR09, DRR12, Dor10, DMD+12, DMK14b, EIL+09, FHR13, For06, FM07, GH07, GH15b, GM14a, Gob08, GH14, GM04, GN07, HHT03, HLD12, HJ07, HBL05, HRT13, Hen06, HV07, Jam98, JK07, JK11, JW13, JZ00, KP09a, KK98, KL05, PPL13, KV05, KQ02b, VS14, Kup98, LDV12, LO11, LAG14, LSS95, LFB13, LOL13, L00, LG09, LT00, LSZ11, LSM93, LNA+11, MXB15, MC10,
MRS14, MDC08, NHSS13, NX12, NJ14, NH12, NS06, NKM10, Ols07, PT99, PL06, PDA09, PSDF12, PPB13, PJ96, QS08b, RKLN07, RW07, RMB00, RM12, Ros05a, Ros06b, Say15, SLvdGK14, SY10b, SY12, Sma04, SC98, Str99, SJD14, TW05, TM14, VB07, Vil15, WS05, WMC12, WSK99, Wen08, Win06, XQX15, XH05, ZS03, ZLS12, ZFZ14, ZLTA15, ZLJ96, Zin00, bZOW07, vdHCDD15, BY93.

High-Accuracy [Dor10, JZ00, ZLJ96, Zin00].

High-Dimensional [BTWG08, GH14, HJ07, JK07, NJ14, RW07, SY10b, SY12, Sma04, WS05, bZOW07, vdHCDD15].

High-Fidelity [NKM10].

High-Frequency [KK02b].

High-Level [FHFR13].

High-Accuracy [Dor10, JZ00, ZLJ96, Zin00].

High-Dimensional [BTWG08, GH14, HJ07, JK07, NJ14, RW07, SY10b, SY12, Sma04, WS05, bZOW07, vdHCDD15].

High-Fidelity [NKM10].

High-Frequency [KK02b].

High-Level [FHFR13].

High-Order [ADR14, AHT12, ADGM98, BT06, BPR99, BLR14, BTT13, CMM00, CMO10, DW97a, DW98, DCR12, DCM14b, GH07, GM14a, GN07, HHT03, HRT13, Hen06, KP09a, KL05, KPL13, LO11, LL00, MC10, NS06, Ols07, PDA09, PJ96, RKLN07, RMC12, Ros05a, Say15, SC98, Str99, SJD14, TM14, VB07, WMC12, WSK99, XH05, ZS03, ZFZ14, CSS93b, LSHM93].

High-Performance [PPB13].

High-Resolution [BAFF00, CCSS03, FM07, HBL05, Kup98, LDMV12, LFB13, LOLL13, LT00, PL06, Ros06].

Higher-Order [AABM13, AL97, BCR11, BM11, CG07, DS14, D97, ILK05, Kye12, LE10, Lin06, LD04, Pem93, PRM97, RRR05, VVM12, WGT14, XH15, YSS07, dVM08, ZMC94].

Higher-Dimensional [LD04].

Higher-Index [AL97, PRM97].

Higher-Order [AABM13, BCR11, ILK05, Kye12, VVM12, YSS07, dVM08, Pem93, ZMC94].

Highly [BMP14, BHT00, CSS09, GH99, HA01, HW14a, H18m+13, Ket08, KR12, Sch98, Vil14, YP98].

Hilbert [ZK14c, AE95, TY08].

Hilliard [KW07, BS15].

HLLC [BCLC97, Gur04].

HLLC-Type [Gur04].

Hodge [GH13].

Hodgkin [BN13].

Hole [Pet99b].

Hole-Cutting [Pet99b].

Homologous [AKK14, GKK10].

Hopfield [Wan07a].

Householder [DHHR09].

Hybridizable [CGD09].

Hydraulic [SBK13].

Hydro-Elasto-Plastic [LXK08].

Hydrodynamic [HNS08, LXL11, OB08].

Hydrodynamical [ANP00, BI09].

Hydrodynamics [DW97b, DCR12, Gon15].

Hydrostatic [ABB+04, BSA13].

Hyperbolic [AH09, AD06, AGH00, BLH02, BBSW94, BPR99, Bjo95, BR09, BR13, Bur14, CPPR12, CCR12, CLL13, CK94, DM13a, DMM004, DH95, DRNP07, DB07, FS05, GB12, GS00, GH07, GR5+15, Gon15, GKK10, HEGH14, JH98, JP14, Kar96, KK02a, KSB11, Kof04, LW12a, MRT00, RT10, TTM08, VTD12, WWK13, WS15, ZH99, vdHCDD15, FS13].

Hyperbolic-Elliptic [CCER12].

Hyperbolic-Parabolic [AH09].

Hyperbolic-Type [GW00].

Hyperbolization [TM14].

Hypercube [BME93, BEM94, CG93].

Hyperelastic...
Hypergraph [BMR13]. Hypergraph-Based [GBDD10]. Hypergraphs [KPÇA12]. Hypernetted [BPB07]. Hyperrectangles [SAY15]. Hypersingular [Car07, CP07, GGK04b, HS99b, ST98]. Hyperspectral [BNP15, SKMF15]. Hyperspheres [TGC94]. Hypersurfaces [PP97]. Hypre [KALO07]. I/O [AGL10]. I/R [MIS03]. IC [BT00b]. Ice [BSA13, PMSG15]. Icosahedron [WL11]. Icosahedral-Hexagonal [WL11]. Ideal [CLTX15, DW97a, Gur04, HRT13, YHS07, ZMC94]. Identification [AHDK14, BU15, CT03, KGM+08, KGM+11, KZ00, PSDF12]. Identifying [AD15, EMSW12]. IDR [SS10b, SvG08, Son12]. IEEE [MRV06]. IEEE-754 [MRV06]. Igatools [PMCA15]. Ignition [BK00b]. II [ABBMB98, AHT12, ADH99, ACD+08b, BT06, BG05b, BM10b, Bu14, CM98b, CW14, DB94, DF99, FGMP14b, GS02a, GH13, GM96, Hes97, KG96, KG10a, LP08, Log03b, MMY96, Nat97, Pem93, PMSG14, ROO08b, She95, SY12, SM07, VW98, YZ98, ZZLBC03]. III [CPV95]. III [ABH90, GS02b, Hes98, She97]. III [BS07, Bu13, Bu14, CCS98, HR96, KO99, Lan10, NM13, PS01, Reg96, RS02, SBC93, VW94, Di 95, HO93]. Ill-Conditioned [BS07, CCS98, PS01, Di 95]. Ill-conditioning [SBC93]. Ill-Posed [Bur13, Bu14, KO99, Lan10, Reg96, RS02, VW94, HR96, HO93]. ILU [Bo13, CPV95, CM97, HS06c, INS05, JFG10, KVO15, MW13, Saa96, SZ99, Saa03, Saa05]. ILU0 [GM15]. ILUM [Saa96]. ILUs [BS05f]. ILUTP [May05]. Image [Agi94, BV03, Bar12a, BDE08, BMR13, BNFS13, CM99, CMM00, CCSS03, CC03, CC11, CJK10, CMS06, DECO5, DGP10, DNN08, FNN05, FNB06, Gry05, GMS02, GLN09, HM05, HHM07, HMM08, HW01, HW03, HLR96, HS06d, HDB08, KVO3, LFB13, LRT11, NWY10, NWY11, NP14, NNO5, NNT13, WBA09, WNC08, ZW13]. Image-to-mesh [CC11]. Images [BNP15, CCSS08, CC10, GHS+09, HLZ13, Mit08, NO98, YZY99, Gu93]. Imaging [AIP10, AKLP10, CJD13, FHR14, MSL13, XKO8, dSK11]. Imbedding [PV94, PV95]. IMEX [BR09, BBM+15, BMV13]. IMF [VM13]. Immersed [AL02, AC04, AC05, DK03, FGMP13, FGMP14b, FK00b, GV06, Giv12, JP01, KP06a, KLD10, LHL12, LL03a, LP04, TLLK09, TP09, VP10, WFAP15, WX05, FGMP14a]. Impact [Ket08]. Impedance [BCH12, HHMS15, KH00, vDADA12]. imperfect [LP06]. Implementation [ABBH03, AH06, AW11, BM14, BP07b, BBC+01, BG12, BBO2, CVW06, Dm97, DG09, FN94, GCB15, GMT98, HS05b, HWD02, HMR09, HC98, KO06, LHL12, LL03a, LP04, TLLK09, TP09, VP10, WFAP15, WX05, FGMP14a]. Implicit [LST07, LZ99b]. Implicit [AL99, AA1998, AH06, ACF09, BF06, BPR13, BBM+15, BW01, BHK12, CB08, CM08, CCG14b, CS01b, CMS06, DW98, DMD+12, DB07, Eina97, EF05, GR10, GKC13, HC05, HMR09, HY15, JR96, JR98, KW15, LL02, LM05b, MR09, MNS07, MO10, NNRW90, NKM10, OS98, PP05, RMC12, RG09, Sime10, Ske00, TKCC13, VV05, VD10, VS04, YCC10, YC14, ZS02, dLRT09, BCT05, KS13, Lan97, Liel93, TV93, vd97]. Implicit-Explicit [AA1998, BPR13, CS10b, DW98, GKC13, VS04]. Implicit/Explicit [MDM+12]. Implicitly [BCR03, BR05a, JN10, LVW03, SAY15, SSW98]. Importance [EBSS+11, Kol99, ZWH+14]. Imposed [Vil09]. Improve [DJ07]. Improved
DO11, DD13, GPK04, GK98, HS05b, He11, HSZ12, HS99b, HW09, HV07, JVG12, KX96, KL13a, LS99, LL11, MG11, NKLW94, Nas09, NAS13, Nit99, PMR09, RA00, RU01, Ros06a, ST98, TP03, VPP05, XEG06, XZB11, YCZ13, YR98, ZB12, iW11, ABCR93, Atk94].

Integral-Equation [MG11].

Integrals [BT13, BD99a, Car07, EJJ08, GGK04b, Inv02, ISS06, KKS13, LS12b, Li10, PDA09, Wen08, Wen10, Yun03, YK03].

Integrated [IT14].

Integration [BCR99, BL07b, BV09, CSS09, CKN06, DEP11, Elb06, FFK+14, GV07a, GM98, GS02a, HS97, JSPC97, KP12a, LS12a, LL03b, LD04, Man05, McL95, Mic01, Mis01, PBP14, Pat97, PP12b, Ske00, Vil15, WSZ14, Yun03, ZS14, AGC96, Rán93].

Integrator [BDZ13, BLR99, Cas05, GG13, KL00b].

Integrators [AMH11, BB05, BCSS14, COR13, CMO10, DMD+12, HLS98, Jah04, MW08a, MMVW13, SS09, CSS93a, LMSSS97].

Integro [SE11, ZV05].

Integro-Differential [SE11, ZV05].

Integrodifferential [SE11, ZV05].

Interact [Men94].

Interacting [KKP14].

Interaction [ACF09, BQQ08, BC10, BB08a, CDFQ11, FGS14, FKTW10, Gu93, HDB08, KV05, LQR12, MKWG15, NV08, PBJ96, PP96, SV13, TGC94, VMM13, Vas10, WCS00, WB00, WTG12, WR03, XZ10, XZ14, ZCK12, vHBTC12, AE95, Anj93].

Interfacing [SF99].

Interface [AV07a, LQX14, MNvST13].

Interface [AL02, AC05, AC05, BP13a, BPSN08, CEFM11, DQQ13, DK03, FK06b, GGLT00, GGZ02, HLLM15, HCR13, HS97, JWO5, JLY08, KMW99, KS15b, LHL12, LL97, LL03a, LI01, LW03, MD05, Mu99, NKM10, Q514, QSV06, SF99, TLLK09, Wan04, WCHZ14, XW05, ZD09, ZF14].

Interface-Preserving [SF99].

Interface-Strip [QSV06].

Interface-Type [JW05].

Interface/Multigrid [AL02].

Interfaces [CG99, MJR05, MK96].

Interfacial [HM98, SF99].

Interior [ACCO00, BHT09, BB08a, BCL99, CSW10, CFM98, rFS12, GHKS14, Pla98, PBJ+96, RG07, RN14, TK13, VK15, WW11, dMHJ00].

Interfacial-Point [ACCO00, CSW10, CFM98, GHKS14, Pla98, PBJ+96].

Intermediate [Pat97].

Internal [DQQ13, Hwa07].

Interpolant [Ber00b].

Interpolants [EM99, FM12].

Interpolating [AF11, Harr, Hol99, Kw10a, Por01].

Interpolation [AKM+14a, BLS06, BLB00, BCF+00, Cai95, Cao07, CV07, CD15a, CW15, CS10a, CH94, CW12, DD12, DFQ14, DMBB10, Doh07, DHO12, GLS13, GD07, HV01, KLZ+06, KP07, LR99, LS04, MS07d, MC10, NK15, NX12, NX13, OST11, PBWB14, PRM09, PJ96, SV13, TGC94, VMM13, Vas10, WCS00, WB00, WTG12, WR03, XH15, XZ10, XZ14, ZCK12, vHBTC12, AE95, Anj93].

Interpolations [RKLN07].

Interpolatory [BBBG11, GSW13, dSGK+15].

Interpreting [SS10b].

Interrupts [LNP15].

Intersection [SV08].

Interval [BDMFSL04, CGS02, GCB04, Kea97, McL12, SV03, Yun03, Jam96].

Interweaving [MSB+15].

Introduction [Elm98].

Intrusive [GL+14, GLMN15].

Invariance [BB05].

Invariant [BP12, BDF08, BDE08, BB06, Chr09, DDF00, DB94, EL00, EL03, FD03, HKM97, LL99, LS11, VP11].

Invariants [CHAMR06, SBS98].

Invasion [WP98].

Inverse [AB08a, AMH12, APSG14, AA13, ADL+12, AHDK14, BCS07, Ban08a, BL03a, BSHL14, BC06, BK08, BM06, BT98, BT00a, BCT00, Bo03, BS05f, BT01, BRR08, BTGH12, BTGMS13, BH14b, CDGS05, CBG12, CS98, Cho00, CDY07b, CN10, CCO11, CEO11, CMM00b, CHM02, DSZ13, EMSW12, FWA+11, GNL14, GY02, GS98b, GHR12, GHR13, HC05, HCR13, HP94, Hös94, JFG15, JKM14, LLZ08, LM14a,
LWG10, LNC05, MWBG12, MZ94, NP10, PVV11, PMSG14, RKvdDA14, SLO13, TS11, TBKF14, WZ03, XYGO01, XK08, YG15, ZGA10, CS97, Nag93, Tre97, MG09, Inverse-Based [BS05f]. Inverses [BT99, BGMR01, GH97, HWS05]. Inversion [BTGMS13, CGMV05, GST12, LYL11, Luu15, MWBG12, MBVO13, OD12, PDC99, QQSvdG01, RT10, dSGK15, vLH14]. Invert [LPS10]. Inverting [GGM01, GMV99, Wei99]. Investigate [vD03]. Investigation [Lan10, PBJ96]. Investigations [LL00]. Inviscid [ABC00, FL02, In99, LH00]. Involving [FF05, KP09a, PDA09, RKvdDA14]. Ion [GST99]. Ionic [XJS13]. iPSC [Rot96]. iPSC/860 [Rot96]. IRBL [BCR03]. Irregular [BOPGF06, ILK05, JZ13, KK98, SV03, WL04]. Irregularly [Har11, PYSG13]. Isaacs [BHT11, HW13]. Island [ABM13, LL11]. Islands [BM95b]. Iso [YZ08, YZ07]. Iso-Homogeneous [YZ07]. Isogeometric [BPS+14a, CDPC13, PMCA15]. Isometry [BBK06]. Isometry-Invariant [BBK06]. Isoperimetric [GS05]. Isosurfaces [Wal13]. Isotropic [CMM+07, JLY08, KR14]. MMM+94, PABG11, MMM+95, MMMY96]. Issue [Em98, Em00, GWE04, JKR08, Tum10, Vas07]. Issues [DG98, FFMT96, HR05, Wan07a]. Itô [BRW10, GS14]. Iterants [BM95b]. Iterated [BL08b]. Iteration [AMM+10, AFK15, AP99, BBGS13, Bog14, BGH13, CGL+13, DH95, DEC05, DJLZ96, EEO01, EMSW12, EN08, GGGL10, GW98, GY99, Gu15, GD07, HHLW15, JKM14, LM15, LY13, LR98, SQ002, TY00, Ver96, WMUZ13, YP98, vNLB04, Atk94, CGP93, LZ94, TT96b, Ver94, vd97]. Iteration-Free [Bog14]. Iterations [BDE08, CS98, Fer98, GPP95, KMT98, OS98, PL03, ES96, NP96]. Iterative [BHN07, BGL08, BG10, BCC+15, BC99, BMMT14, BC08, BC09b, BNFs13, CJH11, CKMK11, CJN13, CN10, CDPC13, CRV13, DW97b, DW98, Dax03, DS00, Den97b, DJ07, Elm98, Elm00, FFMT96, FS01, FS11, FJP+11, FKW13, GH13, GRT05, GV98, GHS+15, Gri94, GO09, GrM10, GS97, GP96, HHRV93, Hag00, HW01, HS99b, HD15, HK95, JW08, JSV10, KM98, LVWV03, LK93, LCBD07, LCN14, LY98, LCJ96, LGH+13, MS07c, MKGS10, MK00, MS06b, MSM14, MG12, MCJN94, NKLW94, Nat98, NAC+15, PS13, PW98, PRRO5, PF94, PR96, RW11, RH09, RV10, Rid94, SS98, SG11, SG95, Sim07, SH14, SC98, Sun95, TET10, TW13a, TL12, UA07, UEE12, Vas07, VW94, V096, WPL+13, WX99, WNC08, Yan94, ZW94, vdVY00, Bia94, CN93, DS96, Lie93, MMP93, PCD96, Smi93]. Iteratively [BM01b, Lan10]. IV [She99, ZLBC03]. IV/MD [ZLBC03]. IVP [vd97].

[AGI10, BzCS11, CP03a, Che13, CWA14, GLS13, MXB15, MR07, Nas09, RLC08, SRS12, TY08, XKWY08]. **Kernel-Based**

[AGI10, BzCS11, GLS13].

**Kernel-Independent** [MXB15, MR07].

**Kernels** [BV98, EY07, GR02, LCD14, Pla15, PS01, WMSG09, DR93a, Goe97].

**Kind** [CP03a, CP05, NKLW94, ZCP06, ABCR93, Atk94]. **Kinds** [ZFZ14].

**Kinematic** [BMV13, PDC99]. **Kinetic** [DP10, FY14, FR15, Jin99, Kla98a, Kla99, LS12a, LS13a, LM08, LM12, LXL11, WMC11, Xu99, YJ13, YHS07, MN11, Ng00, RC98, SZ00, Ste02, YC99, vDEH05].

**Kinetical** [Dor98]. **Kinetical-Consistent** [Dor98]. **Kinetics** [IP06, Ver94].

**KL** [LZ04]. **KL-Based** [LZ04]. **Klein** [BDZ13].

**Knot** [BB15c]. **Knots** [PS03].

**Kogbetliantz** [G¨ot94]. **Kohn** [LY13, YMW07].

**Kou** [Toi08].

**Kriging** [CDW14a, CDW14b].

**Kronecker** [BL03b, BD05, DO15, FT03, Ull10]. **Krylov** [BG05a, BG05b, CGK+98, CCA12a, MPS09, PBC05, Ruh98, AA02, BvG15, BBM11, BG05a, BHP94, CKD13, CCA98, CPS11, CS14, DKZ09, DLZ10, DR13, EE001, EN08, EN09, GY02, GOS12, GD07, GVM14, HL98, JMM10, KR99, KVMK01, LMRS15, LL08, LZW13, LT14, OW00, PS02, PF12, PdSM+06, PT01, SBK13, SW01, ST94, SS03, TE07, Tor12, TS14, VMM13, WL99, Wei94, ZYSL15, vdVV00].

**Kuramoto** [APS12].

**Kutta** [BG05a, BG05b, CGK+98, CCA12a, MPS09, PBC05, Ruh98, AA02, BvG15, BBM11, BG05a, BHP94, CKD13, CCA98, CPS11, CS14, DKZ09, DLZ10, DR13, EE001, EN08, EN09, GY02, GOS12, GD07, GVM14, HL98, JMM10, KR99, KVMK01, LMRS15, LL08, LZW13, LT14, OW00, PS02, PF12, PdSM+06, PT01, SBK13, SW01, ST94, SS03, TE07, Tor12, TS14, VMM13, WL99, Wei94, ZYSL15, vdVV00].

**Lambert** [AHR12, AHR12, BMTZ13, BO06, BP13a, BF14, BTV13, CPH14, CTB15, CF07, DKR12, FCR93, FL08, GT06, HM10a, Kor15, LL02, Lay03, LL94, LH00, MABO07, NSK10, OB08, Ros05b, RL+00, WLE+00, WZET13, dFL05]. **Lagrangian-Based**

[BW11, BO06]. **Lagrangian-Remap** [BCV13]. **Laguerre** [BS05c, BLS09, DJLZ96, LZ94, LZ99b, Nk00]. **LAMG** [LB12]. **Laminar** [JMN01]. **Laminated** [Li03]. **Lanczos** [ARMNW10, ADRS95, BCR03, BR05a, BF01, CKD13, DGK98, HF12, FGN93, HG15a, JN10, MS93b, MN11, Ng00, RC98, SZ00, Ste02, YC99, vDEH05].

**Lanczos-Based** [CKD13]. **Lanczos-Type** [RG98]. **Land** [KK08]. **Landau** [BBP13, DJT08, LM05b, Mu97, MDC98, NR98].

**Landweber** [BDE08]. **Langevin** [KM11].

**LAPACK** [AMT10, DMPV08]. **Laplace** [BS94, Bar14, BWV15, CK03, Che13, ED95, Nak98, OK13, Pe01, Wei99, YCZ13].

**Laplacian** [B00, GGM01, LB12, XEG06, vGEV07].

**Large** [AL07, BCR03, BS05a, B00, Ban08a, BS05b, BR07, BSSW13, BT03c, BTH09, BPS15, BDF08, BTV08, BS99b, BCL99, BTW10, BTGH12, CEF05, CGD05, CKR13, CN10, CP15b, CSW10, CFM98, DS00, DD00, DJT08, DL05, DKZ09, EAS08, EPE05, FWA+11, FSV98a, FB95, FGH+08, HM11, HS08, HL08, Hof04, JN10, JZ13, KN13, Kus97, LB05, LM00, LG14A, LT09, LWG10, LZ13b, MWBG12, MS04, MW01, NNRW09, NvdP00, OKF14, PO01, RS02, RMD08, RM08a, Ros15, Ruh98, SB06, SWW08, SM10, SC02, SW08, Tor12, TS14, WPL+13, WM05, WT01, WS15, Xia13, YPN+01, YGB+05, YMM14, ZYSL15, AMB+94, BHP94, Dax93, DLG97, J593, ST94, TW93]. **Large-Eddy** [B08, EAS08].

**Large-Particle** [SC02]. **Large-Scale** [BRC03, BS05a, Ban08a, BSSW13, BTH09, BTY08, BCL99, BTW10, BTGH12, CN10, ...
Latency [GAMV13]. Latent [ZS99]. Lattice [BS08, CH02, FM06, GGG+04a]. Lawrence [DG99]. Laws [AB02, AD06, BLMR02, BBSW94, BPR99, CW13, CW14, CLL13, yCWJ12, CK94, DB07, GR05a, GB12, GMS02, HH02, HBL05, JT98, JSZ13, KL00a, KNP01, KPP07, LPR00, LPR02, LN03, Marc94, NMAB11, PPR05, QS08b, SL11, SMR01, SJD14, TW12, Tor12, TLE12, TW95, YHQ12, dLRT09, BH97, Pen93]. Lax [JSZ13, Kol99, MR01, QS03]. Layer [AK09, AH09, AD15b, Bar14, BWV15, BHNP07, BS08b, CM98c, FV06, Far01, KP09b, LG09, TT96a]. Layered [DG99]. Layers [Gar94, LM12, LS12b, RH06, TW96]. Leading [Che05]. Leaf [KT14]. Lean [LB12]. Learning [BGM09, BCP15, De 12b, GHK14, WRB+15, dBZM11]. Least [AMMR10, AMM+10, AB+11, AB+13, AV14, AD15, AMT10, BLH02, BGM13, BT03c, BS99b, BW96, BKMM10, BL03, BMTM14, CLMM00a, CLMM00b, CPV95, Car10, CAS11, DMM004, DMM005, DG98, EHS+07, FMM98, FGHO97, FS11, FNB06, GKK15, HLM06, HLM+09, HY10, HY14, KMS15, LMMR00, LB13, Lec14, LM15, LRS02, LD11, NP14, PE00, PP97, QOQP099, Sta00, Str93, TZ14, TBO10, Wat98, You94, ZWZ+13, ZNX14, ten95, BR95, Dax93, NP96]. Least-Squares [AMM+11, AV14, AD15, AMT10, BGM13, BKMM10, BLM03, CPV95, DMM004, DMM005, DG98, FS11, HLM06, HLM+09, HY10, HY14, KMS15, LMMR00, Lee14, Sta00, TZ14, ZNX14]. Legendre [BK00a, BMF12, Bog14, EJJ08, HT13a, HT14a, HT14b, IBM01, She94, Swa02]. Leja [NJ14]. Lemma [CV94]. Leslie [CGGGS15]. Level [BC10, BP3a, BH11, Bre00, CDG03, CGG07, CGL01, CDM+13, Cho09, CJO5b, DS00, EPV94, Fai03, FHFR13, FM07, HHvR03, KK13, KKP14, KL15, KLS13, Lam98, MO00, MO10, QL06, RS00, SF99, TKW08, Tu07, WWM03, Wen10, ZC06, Cal93, NCV06]. Level-Set [CDM+13, RS00]. Levinson [Str00a]. Levy [SB13, CD15b, GDLSS14, IT09a, LFBO08, ZK14c]. Liapunov [CCJ07]. Libraries [DARG13]. Library [NAC+15, PMCA15, ZS14]. Lid [TVV11]. Lid-Driven [TVV11]. Lie [MW08a, Mis01]. Lifshitz [BBP13]. Lifting [SV03]. Lighthill [BCV13]. Lightweight [DKP14]. Like [BGOD08, DMML05, KO99, KP11, WG00, WM11, ABCR93, BN13]. Likelihood [ACW12, TV98a, Zim13]. likelihoods [WTS94]. Limit [ACO98, BPR13, DJT08, GKO05, JLY08, KSB11, Kla99, LS12a, LM08, ZD09]. Limit-Cycle [KSB11]. Limitations [RLG98]. Limited [BL03a, BLN95, GG09, KLS08, LM99, LWZ13, MIS03, SSDN12, Sta07, SM07]. Limiter [AS06, JX13]. Limiter-Free [AS06]. Limiters [MB13, QS05a, QS05b, Ser06]. Limiting [GB12]. Limits [XS08]. Line [BD99a, HV96, SV08b, HHRV93]. Line-Relaxation [HV96]. Line-Surface [SV08b]. Linear [ARMW10, AB08a, APG14, ABST13, AHT12, AF11, ABCP08, ACD95, AD15, AKM+13, BGLY05, BS95, BD05, BCC98, ByG15, BdsSM11, BL04b, BM95a, BT98, BBK15, BM01b, BH14, BW96, Bre99, BC99, BCMM03, BMTM14, BC08, BC09b, BK11, BEBP98, CS99, CLMM00a, CLMM00b, CPW15, CGL+13, CB98, CGG07, CJ11, CNP2, CS96, CN99, Che98,
CJGX15, CG10, CLN12, CF05, CHM02, CS10c, CFM98, D’A00, DLY14, DB98, DH01, DMM004, Ded10, Del14, DS14, Ema10, EOXZ94, EGKS94, EPSU09, FGMP13, FGMP14a, FGMP14b, FH06, FWA +11, FT03, FMR06, FG08, GG13, GNL14, GG03, GB98, GG05, GOS03, GW00, HR05, HS06a, Hag00, HCRT13, HN06, HZ10, HG12, Hof04, HRS12, HSCTP04, JFG10, JZ13, JP08, Jou94, Kas95, KLR98, KZ00, KW00, KR06, Kra08, KMRW97, LM00, LV98]. Linear
[Lee13b, LM08, LLZ08, LLZ09, LW12b, LB12, LCJ96, LN04, MKSG10, Mar09, MB02, Men11, MW13, M11, MGW00, Nat98, NP08, Ökt05, OD12, PD90, PdSM +06, PSB +06, PSA99, PBJ +96, PMSB12, QOQP09, Rah96, RG07, Roe98, Sz99, SS99, ST08, SBP04, Sna04, Smi97, SvG08, Sta94, SO10, Str93, Sun95, SSB08, SW10b, TT07, Ton94, VBT99, VM13, VK13, WLX +13, WM05, Wil09, Yan94, ZGA10, Zha07, ZV05, ZS14, ZYS15, ZFHS15, Zim14, ZLJ96, Zin00, dSL05, AM95, Atk94, CV93, CW97, Fre93, JS93, Kor93, LV94, Lj93, Lie93, Rán93, WTS94, YZ05]. Linear-Quadratic
[Ded10, HN06, PMSB12, CV93].
Linearization
[KT15, Slo02, vdZvBdB10a, vdZvBdB10b].
Linearized
[BTGMS13, HG02, HNS08, HBS00, Mu97, OB08, WY12, WY13]. Linearly
[BBM +15, GKL08, LST07]. Lines
[HRT13, KMT98, WH13]. Linewidth
[BS03, Toi96].
Linked
[CDY07b].
Liouville
[AF15, Bou01, LV10, ZAK15].
Liquid
[AAB +15a, BLGL11, MMRN15, RG13, VPP05]. LMF
[Ber06a]. LMF-Based
[Ber06a]. Load
[Bas98, GPTV15, Ten98]. Loads
[ACO98]. Lobatto
[GK11a, PZPR07]. Local
[AMM +11, ABH03, BYL13, Bia97, BVV08, BG04, CCF14, CL11, CJGX15, DG09, Doh07, EPV94, FMB13, GGKM07, GMM15, JK11, JED10, Joe95, Kan03b, LZ02, LJ95, Mar94, Mau95, NXDS11, PDC99, QL06, Sch10, TVV11, WI12a, X08, YCZ13, Yu01, YSZ14, FCR93, Joe93, TV93]. Locality
[AKA13b]. Localization
[EMM +99, GM14b, SBR06, VP11].
Localized
[CF00, DFQ14, HM14, PBWB14, RAB +14, WLE +00]. Locally
[AHR12, AMP00, EÜ09, Kny01, KAL07, MS13, Sha99, Str95, SL09b, Tor05, VK15, Wan01, Zim14, Ain96]. Locating
[FD03, KV96, KMV99]. Location
[GS12]. Locking
[Mee01]. Loewer
[IA14]. Log
[UE12, WR13]. Log-Normal
[WR13]. Log-Transformed
[UE12]. Logarithm
[AMH12, AMHR13]. Logarithmic
[AS05, AS06, CP03a, KKT13]. Logarithmic-Kernel
[CP03a]. Logically
[CH09a]. Long
[FTY15, GASSS98, Gob08, HS97, Jah04, LLL08, KXYW08]. Long-Term
[HS97]. Long-Time
[Gob08]. Long-Time-Step
[GASSS98, Gob08]. Longest
[HO15]. Look
[Cho09, FGN93]. look-ahead
[FGN93]. Lookup
[CW10]. Loops
[AL99b]. Lossless
[WH13]. Low
[AAB +15b, BT03c, CGMR05, CL08, DM13b, DHHR09, Ehn99, FWA +11, GNL14, Ket08, Kir14, KU14, LS13b, NBA +14, PW15, Pen00, RO15a, SZ00, SB15, WD10, WS05, WLL +15, War13, ZHS10]. Low-Complexity
[Kir14]. Low-Dimensional
[CL08]. Low-Order
[ZHS10]. Low-Profile
[DHHR09]. Low-Rank
[AAB +15b, DM13b, FWA +11, GNL14, KU14, LS13b, PW15, Pen00, RO15a, SZ00, SB15]. Low-Storage
[Ket08, War13]. Lower
[Bre00, CXY10, LQX14]. Lowest
[Ain07, BBKT15, DK98, MAA98]. Lowest-Order
[BBKT15, DK98, MAA98]. LSMR
[CP15b, FS11]. LSRN
[MSM14]. LSTRS
[LRSV11]. LU
[CP15a, CKLN98, GDL07, GBDD10, PT08, WZSL12]. Lubrication
[GB06a]. Lumped


[BP97b, BGM09, ST94]. Machines

Macro [JS10, LLS13, LM08, LM12, PV08]. Macro-Elements [PV08]. Macroscopic [Cha07]. Made [GG09]. Magma

[RWKW14, RWWK15]. Magma/Mantle [RWKW14, RWWK15]. Magnetic

[CPH14, ST03]. Magnetohydrodynamic

[CLTX15, HRT13, NH14, Ros06b, Tor05]. Magnetohydrodynamics [AMMR10, AMM+10, ABM+10, ALJ99, BT06, DW97a, DW98, Gur04, NvdP00, ZMC94]. Magnetostatic [Lab05, PSA99]. Magnetostatics [BBMR03]. Makes [Ske09]. Making [JZ13]. Malliavin

[WR13, ZRK15]. Manifold

[MRSS14, Sma01]. Manifolds

[BCF01, LLD99, LSU11, QZZ14, WS95, ZZ04, vVKA11, RST93]. Manufacturable [SSW12]. Many [AL99b, GH15b, KMV05, OT09, SM07, vdDA12, RVkdDA14]. Many-Particle [GH15b]. Map

[CRV14, vdZvD10a, BG10]. Mapped [LO14]. Mapping

[AMA98, BT03b, Ban08b, DP98, DS97, DV98, GH14, HW94, HL95, Nas09, NAS13, Por01, ZF14, de 99, CDH97, PS93]. Mappings [And08, DLTZ06, Vas10]. MapReduce [CGHT14, KPP+14]. MapReduce-enabled [CGHT14]. Maps

[EL01, EL03, GGKM07, HT09, NXDS11, SO15]. Marching

[ABMR11, Cho01, CDGT01, DBC13, KM97]. Marker [MCT+05, NKM10]. Markov

[BBB+11, Day98, DS00, DMM+08, DMM+10b, DMSW10, DMM+10a, EHL06, GaP08, Kus97, SM07, TY11]. Markovian

[BD05]. Martensitic [NW97]. Mass

[AH06, CL97, HRT10, HLM06, HLM+09, KLY05, KLY07, LR12, LP03, Sch13]. Mass-Conserving [CL97, HLM06]. Massive [KPP+14, MDC08]. Massively

[CFM98, GCB15, GAMV13, HW94, Pip13, ZSD+10, MH95]. Master [DJHW08, Jah10]. Matched [AH09, BHNPR07, CM98c]. Matching


[AFMP15, EIL+09, SP03, SXB+08, WRB+15, ZCW10]. Matérn [CWA14]. Mathematical

[ACCP13, BHN10, GLL01, GR04, GKT09, KK13]. Mathematics

[Mar01, WKM+07]. MATLAB

[BK07, BT04, GKD05, SR97]. Matrices

[AKA13a, AT15, APC04, BDD+97, BN05, BGL06a, BOR97, BDP01, BDvG05, BC13, BL99, Bör07, Bör09, BUT13, CÂK11, Che13, CGMR05, CV98, DLP05, DHH09, DP05, Di 97, DW05a, EK10, FS08, GWMG03, Han95, HJS99, HK00, HWS05, HLTT97, Ips01, JN10, JP11, KKT13, KKL05, KLST06, KS07, KDV15, KMSM14, LLHF13, Lee13a, LSC03, LS13b, LNC05, LYL+11, MO08, Møn08, NP10, NL99, Nik00, Not00b, PKNS14, QSO8a, RT99, Ros15, Saa96, SCTP04, SSH06, UA04, UA07, VD10, VL10, VK15, Vir07, Wan97, WS15, Xia13, XC13, ZGA10, AMB+94, BW93, CS97, Di 95, FS96, FF94, FG93, Gut93, J095, Lan93, May08, Nag93, NCV06, Tre93, Tre97]. Matrix

[AKA13b, AA14, AMH11, AMH12, AMHR13, AMHR15, ADL+12, ACW12, AKM+14a, AD15, AVW13, BCT07, BGM13, BSS09, BF95, BFK03, BC13, BGH13, Br15, BG12, tVÇAU10, CL08, CG11, DGK55, DN97, DGB15b, DGK98, DCP11, EZ11, Elb06, EBSS+11, FK00a, FSDv98b, FS08, GH15a, Gar97, GT94, GG94, GHS+15, GL10, GG95, Hag02, HW94, HR14, Hös94,
KT15, KL94, KP11, Kna98, KR00, KHW\(^{+14}\), KV13, LV98, LPS10, MV00, MKSG10, MB09, Mat95, Ng00, OKLS15, OD12, PV94, PV95, QQSvdG01, RN14, Ruh98, SDR15, SZ00, Sim07, SLO13, SQO02, TS11, TW13a, UA04, VSS14, WSZ14, WLL\(^{+15}\), WH09, YB09, Zha96, ZJX14, vVKA11, vdEH05, BR95, Jam96, Nat97, OA93, YL93.

**Matrix-Dependent** [Kna98]. **Matrix-Free** [BGM13, FK00a, vVKA11, ACW12, Bru15].

**Matrix-Matrix** [AA14, BG12, GHS\(^{+15}\)]. **Matrix-valued** [DGB15b]. **Matrix-Vector** [AKA13b, KHW\(^{+14}\), KV13, UA04, WH09].

**Max** [GG94, GG95]. **Max-Min** [GG94, GG95]. **Maximum** [ACW12, AW11, BI09, DGS08, FH06, GY09, IMS96, JX13, LI01, LY14, RGG15, TV98a, XQX15, ZLS12, Zim13].

**Maximum-Principle-Preserving** [XQX15]. **Maximum-Principle-Satisfying** [LY14, ZLS12]. **Maxwell** [APZ13, AA02, BBR14, BHST08, BV09, CGG\(^{+14}\), CW07, CHMR10, DGG09, DF09, EKSW15, EDGL12, Hen06, HH11, HTB\(^{+05}\), HY14, HHW15, HHL15, JL05b, JZ00, LHL11, McG95, MP94, MS12, MSV00, NHS13, PS10a, PL12, RT01, RL10, RW01, RGG06, ZCW10]. **May** [KHU96, RMB00, TW95]. **MCMC** [Bar12a, MWBG12, PMSG14].

**MCMC-Based** [Bar12a, MD [ZLBC03]. **MD-DCT-II** [ZLBC03]. **MD-DCT-IV** [ZLBC03]. **MD-DCT-IV/MD-DST-IV** [ZLBC03]. **MD-DWT** [ZLBC03].

**Mean** [CS94, Don06, GDLS14, Hof05, KS15b, MT97b, Ren15, RW06, VP14]. **Mean-Square** [MT97b, RW06]. **Means** [AAB\(^{+15}\), ABCP08]. **Measure** [SG04].

**Measurement** [CAB04]. **Measurements** [KBV09, MS03, PDTVM08, RKvdDA14, vdDA12]. **Measures** [Cao07, LCN14, ROY10, WK06]. **Measuring** [Hua05]. **Mechanical** [AL99b, CSS10, HW09, RN14]. **Mechanics** [BTB05, ES00, GRGP01, Lee13a].

**Mechanism** [LL02]. **Media** [AE08, ABMM98a, ABMM98b, BGS09, BCO09b, CDB13, CCH15, FHR14, GY11, GJP\(^{+14}\), GW04, HY14, HSSZ09, KK02b, LVW03, LE10, LOL13, LY98, LLZ15, LZ04, MJR05, PS10a, Slo02, TTSM08, WLE\(^{+00}\), WZET13, YGCP96]. **Medial** [JED10]. **Median** [CCS97, Str93]. **Medical** [HDB08]. **Medium** [AHRI12, CK07, DB13, LHL11]. **MEG** [HCHS13]. **Melnikov** [XYZ05]. **Membrane** [DZ08, RR08]. **Memory** [AKK14, BBSV10, BDD\(^{+07}\), BT03c, BtVÇG\(^{+10}\), BFJ00, BLNZ95, DJ07, GGN05, GKK10, HKR02, HWD02, LM09, LWZ13, FLT08, McL12, PF94, PR96, Sta07, SM07, Sm96, TD99, VMV15, ZV05, NP93a]. **Merge** [Oli01]. **Merging** [GHS\(^{+15}\), Ros97].

**MESFET** [BI09]. **Mesh** [AFMP15, AKM\(^{+13}\), ADM\(^{+15}\), BLH02, BBSW94, Ber09b, BV030, BHR06, BW09, BWG11, CHR99, CHR02, CPB13, Cie94, CWL\(^{+14}\), CC06, CC09, CC12b, vWHJ12, DLZ05, DLZ06, FK00a, FR10, FCC10, FP09, GVP06, GT98, GHT00, GMT98, HHM08, HO15, HR07, HB97, HR99c, Hua05, HA08, JTA08, JP97, Knu01, LPR98, LC05a, LC08, MMR15, MN07, MP08, MM07, OS07, PP05, RH06, RWX07, SL09a, SM01, SM09, SM09, TR95, WC00, WCHZ14, XOM10, YHQ12, ZJC12, ZSD\(^{+10}\), Zie12, de 99, CC11].

**Mesh-Free** [vWHJ12]. **Mesh-Independent** [BVW03]. **Mesher** [AKS05, AMP00, BKS13, Cal95, CH09a, CGZ99, CRK07, EFHL09, FCZ14, FCM12, GW15, GH07, Gob08, HG00, JY96, LNS06, LJ95, MLL13, MB13, MTTV98, MKRK13, PABG11, RKL07, SB10, SO08a, Sha99, SY08, SY09, SV03, SC02, Tal15, TAH15, VBT99, ZS03, ZMS10, Ain96].

**Meshefree** [COR13, COS06]. **Meshing** [BH00a, BL04a, HGP14]. **Meshless** [FDS13]. **Mesoscale** [RG09, YC14].

[ABMR11, AFF+15, AA13, Ama98, ALJ99, AF11, ACC00, AF15, AHDK14, AP12, ABCP08, AH04, AH06, AW11, AHH12, AHR12, AP99, ACCF13, BA05, BS08, BCR03, BS05a, BGL06a, BMR10, BLMR02, BTO3b, BO07, BHV05, BJ01, BS05c, BLS09, BDZ13, BMTZ13, BGOD08, BV03, BG10, BSHL14, BB10, Bar99, Bar05, BRT07, BC06, BK08, BG98, BM01a, BSS09, BL04b, BPT+14, BM95a, BMT96, BCT00, BH12, BP13a, BLS14, BPS13a, BM01b, BHK14, Bet08, BK04, BLP14, BK00a, Bjo95, BT97, BCSS14, Bha03, B09, BLGL11, BGH+03, BU15, BB+11, BCP15, BB08b, BB03, BBMR03, BS96b, BCL99, BIA05, BTT13, BOPGF06, BTGH12, BCM15b, BG13, BG04, BFSN08, CW07, CL10, CLW13, CGL+13, CH09a, CB08, CG99, CHR02, CP04, CGL01, CV15, CK94, CCC97, CCS98, CDH98, CGM99, CP13]. Method

[CL03, CW07, CCCZ10, CM15, CVK13, CPS11, Cho01, Cha09, Cho05, CILZ15, CDB13, CK07, CJK10, CDG+09, CGM00b, CHM02, CP95, CMSS06, Cor01, CVE13, CH11, CUK07, CFM98, DBC13, DY06, DM13a, DK10, DB98, De 12b, Ded10, DJT08, DT95, Den97a, DT00, Don06, DHE13, DR13, DZ08, Du11, DW15b, DCP11, DGRZ15, DK03, EPR10, EKSW15, EAS08, EEO01, EPE05, EP06, EIL+09, FGMP13, FGMP14a, FGMP14b, Fai03, FO08, Fer98, FDS13, FCZE14, For06, FW97, FN94, FL08, Fro12, FM07, FJP+11, FKW13, GV07a, GYZ11, GJP+14, GH13, GKV00, Gar05, GH02, GCTB10, GN14, GJ05, GM14a, GR02, Giv12, GY99, GMV99, GY02, GRMS09, GXY15, GMO14, GOS12, GH99, GKT09, GS00, GS02a, GS02b, GOS03, GO09, GHKS14, GV09, GC97, GN07, HM05, HHM07, HRT10, HG98]. Method

[HP14, HM98, HW14a, HR07, Haz08a, Haz08b, HLLM15, HR99a, HRT03, HLW00, HBL05, HRT13, Hen05a, Hes98, HSZ12, HP04, HC95, HL10, Hoc01, HY08, HV95, HR99b, HB97, HY10, HS99e, HTB+05, HY14, HJX15, HS94, HJMS07, HX13, HLY13, HUC15, IT09a, IK10, In99, Jac03, Jah10, Jam98, JMM10, JKM14, JW08, JN10, JED10, JW10, JK05, JG02, JL05b, JvGVS13, JP01, JK00, KM11, KH14, KNN12, Kan03a, KMT98, KV05, KP06a, KP11, KP12b, Kla09, KW00, KL13a, KLY05, KLY07, KP10, KR99, Kny01, KS13, Kol99, KL13b, KLZ+06, Kra09, KP05, KP06b, KO13, KL11, LW12a, LHL12, LP11, LP13, Lan10, LMR15, Lat99, LLP98, LMR98, LL02, Lay03, Lay06, Le 09, LS13a, LG97, LL03a, Lee10a, Lee13a, Lee14, Leh15, LCD14, LZ01, LZ02, LLZ08, LLZ09]. Method

[Li10, LL11, LX14, LN03, LP04, LY98, LZ13b, LC05a, LC08, LJL98, LXX08, LS09, LH00, LD05, LFB08, LN04, LPP09, LD03, LS00, MR09, MN07, MR04, MRS04, MCT+05, MWBG12, MR07, MW03, MS06a, MR02, MST15, MBVO13, MG12, MO10, MTM08, MZ94, Mmo00, Muf97, MPS09, MS00, NN12, NAS13, NRMQ13, NS06, NM13, NMAB11, NvdP00, NNH99, NKM10, Obel13, PRS12, PTVM08, PR09, PS10a, PK13, PW12, PHJI11, PBBW14, PZZB13, PL12, PN13, Pen00, PP08a, PT01, Pla98, PS10b, Pora1, PD15, PoH09, Pup99, QL06, QS05b, QS08b, RRR03, RRR05, RG13, RZ03, Rei13, RMC12, Ren15, RU01, RW01, RV10, Ros06b, Rüd94, RO12, RO15b, RS00, RSA05, SB10, SB98, SS98, Sar12, SA99, Sch98, Sch94, Sch09, Sch13, SL09a, SM94]. Method

[SBM07, SG95, Sin07, SS10b, Smi97, SK05, SC02, SM010, SAB14, Str00b, SL09b, SO09, SV01, TZ95, TKCC13, TKW08, TLLK09, TY00, TT06, TP09, TBK14, UWY+15, VP10, VP14, VN03, VMD13, VV05, VBT99, VK15, VSBH99, WS95, WX99, WLE+00, WLK06, WWY09, WMC11, WWY11, WB12, WY12, WHCX13, WSZ14, War13,
Wei99, Whi15, WKM+07, WY13, WGF08, WSL5, WFAP15, XEG06, Xa99, Xie05, XKWy08, XQX15, Xu94, Xu04, XW05, XSo8, XOMN10, YCZ13, YDF97, YGB+05, YHq12, Yan14, YZ05, YD06, Yu95, YK03, ZK14b, ZLC98, ZN05, ZCK12, ZJC12, ZRTK12, ZWH+14, ZF14, ZJX14, ZTRK14, ZYS15, ZCP06, ZWZ+13, ZLTA15, ZK96, ZFHS15, dVM08, iW11, vNLB04, vWBV09, ABS96, ABCM97, AM95, ADRS95, BS94, Bøe93, Cai93, CW93, CPS94, DS96, EW96, FCR93, HG96, Hes97, HL97]. method [Lam97, Li94, LCW95, Liu93, PCDB96, She94, She95, SS95, SS93e, ST96, Tan93, TV93, Yav93, ZMC94, CD13].

Methodologies [IHTR12, KB08].
Methodology [BC09a]. Methods [AE08, ABBM98a, ARMNW10, AC08, ACVZ12, AG10, ABL15, AMN15, AL02, AC05, AV14, AG10, AKA13b, APvDG12, ABF96, ABC00, AABM13, AAB+15b, AIL05, AW15, AGB13, AKM+14a, AS05, AA02, AKM14b, AL97, AL99b, AHH06, ALZ14, BS03, BS07, BQ08, BR05a, BGLY05, BH07, BN98a, BS05d, BBGS04, BN00, Bas98, BvG15, BBBG11, BN98b, BLB00, BzCS11, BDO12, BBM11, BB15a, BB15b, BFT09, BFK05, BG05a, BG05b, BCM05, BCM11, BF14, BvW09, BLR14, BM+15, BS09b, BT13, BKKM10, BDK12, BMV05, BMV11, BMMT14, BD05, BRW10, BHR96, BOPGF06, BMV13, Bur13, Bur14, BL14, CCF14, Ca95, CK05, CL11, CPW15, CGL+12, CHX05, CSS10, CPH14, CGQ10, CZK15a, CPV95, Car07, CV07, CKD13, COS06, Cas97, Cas02, CZ10, tVCAU10, CFSZ08, CEHN08, CV12].

Methods [CS96, CC99, CGZ99, CN99, CC03, Che98, CKY98, CD02, CHMR10, CM11, CLL13, CBN02, CKV99, CS14, CH08b, CK98, CBW15, CHH10, CM99, CFM96, CCG14b, CDW14a, CDW14b, CS10c, CK94, Cor98, CSW14, DO11, DP98, MM004, DM005, DG98, DHJW08, DLZ05, DLTZ06, DRNP07, DFI12, DB94, DP10, DTM05, DOK12, DGGG09, DS14, DF99, DK98, EKM94, EDGL12, EBR00, Elm98, Elm00, EF15, EMM+99, Ema10, ELitHR00, EN09, EV13, EM10, FTY15, FK00a, FGM08, FR15, FKTW10, FS02, FK00b, FMR06, FS12, FS13, FM99, FNNB05, GMN02, GK12, GASS98, GGL09, GKI1a, Gas13, GHK14, GK03, GH07, GLO8, GV12, GY05, GMJ94, GGM07, GK59, Gra14, GK05, Gri94, Gri95, GMM15, GSW13, GC97, GW04, GM04, GVVM14, GP96, HHR02, HR05, Hag00, HKF+13]. Methods [HHE10, HW13, HHH95, HH02, HMM+13, HW14b, HNS08, HJ98, HSF07, HT00, HLM06, HLM+09, HMR09, HL98, HV96, HEGH14, HLP08, HS01a, HK95, HKM97, HW09, HFL11, Huc08, HLM03, IM97, IM99, IT14, JK11, JSC97, Jay98, JYX12, JW05, JCL07, JGZ06, JR96, JR98, JP11, JZ00, Kan03b, KM15, KL15, KBB+08, Ket08, Kim05, KL06, Kim08, Kla98a, KR06, KL14, KVMK01, KS15b, KT08, KSU14, KWi10a, Kus97, KGT07, LVWW03, LOS07, LCB07, LP96, LS95, LL97, LMPQ03, Lee10b, Lee13b, LST07, LG09, LHL11, LRS02, LLO8, Log03a, Log03b, Lui00, Lui01, LMMW04, LK98, MMRN15, MM13, MV00, Man99, Mar03, MMT15, MS04, MLL13, MC10, McL95, MC07, MRS14, MW01, Mic01, MT97b, MS12, MS12, MDC98, NKLW94, NX12, NAC+15, NNRW09, Ng00, NSJ03, NWY10]. Methods [NWW97, NWW97, NN05, O’L01, OSU10, ORST12, OS14, OWL08, OS98, OCHE00, PS02, PR01, PE00, Pav98, PZPR07, PL06, PSA99, PWGW12, PTA5, Pur08, QX08, QSO5a, RKL10, RR08, RG07, RW11, RG98, RG06, RH09, RW06, RS13, Ros96, Ros05b, RS99, RW14, RM08b, SL10, Say15, SG11, SRS12, Ser06, SCTP04, She99, SY10b, SY12, SBX+08, SV00, SS03, ST00, SO15, Son12, SH14, SSW98, Sta07, SM07, Ste01, Ste00,
SS93b, Ste02, Str94, TT96a, TS11, TK13, Tau96, TSK09, TVA02, TLT12, Ton94, TS14, TPW09, TLE12, TP99, TV98b, UA07, VC00, VV05, Vas07, Vi14, VW94, VO96, VPP05, Wa99, WCSS00, WC03, WPL+13, WLE+00, WL08, WWY09, Wan12, WG00, WMSG09, Wen10, WK03, XZB11, XH05, XT06, Yan94, YTL11, YZ07.

Methods
[YZ08, Yu01, YB09, ZK14a, ZCZK14, Zbi11, Zha97, ZV05, ZZWZ14, ZMS10, ZK15, ZW94, ZF09, ZS02, Zin00, ZS04, vHBT12, vdVY00, AP93, Atk94, BR95, BHP94, Cal94, CSS93b, CW97, Dax93, DG95, Elt96, FS96, HHRV93, HLS93, Lie93, LSM93, MMPR93, MP94, Pem93, PM95, Réan93, ST94, Shen97, Wei94, Zha94, vd97].

Metrics
[Knu01, UA04].

Metropolis
[Wal14].

MHD
[CST+13, PEC+14, Rav05].

Micro
[JS10, LLS13, LM08, LM12].

Micro-Macro
[JS10, LLS13, LM08, LM12].

Microchannel
[HKF+13].

Microchannels
[VN03].

Microflows
[CLQ12].

Micromagnetism
[Lab05].

Microprocessors
[HML+04].

Microscope
[WPL+13].

Microscopy
[BC06, LFJS14].

Microstructure
[Kup00, Li03, NW09].

Microwave
[WB08a].

Midpoint
[AR99].

Migration
[PR96, SP03].

Mills
[CW06].

MILU
[WH95].

MIMD
[ST94].

Mimetic
[CPH14, TC12, dVM08, dVL10].

Mindlin
[CG07].

MINERR
[Dul98].

Mines
[KK08].

Minimal
[BBSV10, CGS02, DS14, Lee13a, LRS02, LN04, LD03, NM13, OK13, OWO14, RN95, SV01, Tou94, WM09, Bia94, CGS+94, Fre93].

Minimax
[GJM94, LZ01, LZ02, SW10b, YZ05, ZFH815].

Minimization
[AW11, Ash95, BBR08, Kas95, MV00, Ng00, PS02, PHJ11, Wan13, dMHJ00, DG95, SS93a].

MINRES
[CP91, Du98, GH02, KL12].

MINRES-QLP
[CP91].

Miscible
[CL97, LY98, WLE+00].

Mixed
[AE08, Ain07, BRT07, BMM98, BG04, CPV95, CGP12, CZ10, CKY98, CKV99, CF05, CG07, DK98, ESM09, FGM08, FKW10, FNNB05, GJO8, GYZ11, GH02, GW00, HJP04, HW09, KS99, KL05, MM15, MRT00, Mic01, Pav98, PAA99, PQOB14, San10, Sar98, Sch02, Sta00, VP14, WLE+00, YTD15, ZHS10, CGP93, WTS94].

Mixed-FEM
[GH02].

Mixed-Hybrid
[MRT00].

Mixed-Mean
[VP14].

Mixed-Precision
[YTD15].

Mixing
[DB08, ML, YC99].

Mode
[Ar12, CGM00a, PJH11, WRB+15].

Model
[AdSG12, ABdSF15, ABST13, AH09, AHR12, AKM14b, BB08a, BBG11, BG07, BF13, BB15b, BBM98, BK04, BI09, BK00b, BTW08, BCV13, CLQ12, CTB15, Cha07, CS10a, CCCZ10, CD13, DKM14a, CG96, CW12, CGHT14, CPR11, DHE13, DSZ13, DG99, DZ08, EMM+99, EF05, Fra98, GT98, GKC13, GM13, Gob98, GLL01, GB06b, GSW13, HFW+13, HLL15, HSS08, HJP03, IA14, JK15, JP14, Kim05, Kim08, KL10, KPPS14, KS15b, LdMV12, LCT13, LQR12, Lay96, LS13a, Lee14, LM05, LNG10, LS05b, LM14b, LRT11, MO00, Mu97, MEF09, NKT08, OS14, PP12a, PW15, PNP13, PS11b, Q14, RDP08, RLM00, SBR06, SY10a, Sma01, TLN14, TY00, T018, TGS08, VP14, WI0H08, WH13, XBC96, XJS12, ZIM14, dSGK+15, ten95, CHK13].

Model-Based
[Fra98].

Modeling
[ASZ07, ACCP13, BPR04, BCT05, BCG+10, BGL06b, CHL06, CGDD11, GaP08, GV15, GRL10, GM11, HK03, HLY13, JK10, KLT06, Kup00, LVW03, Lay06, LOL13, LO14, Lin06, LM14c, MJR05, NMWH11, NW97,
Multicore [ABC+14, GV15, HRS10, HEGH14, LD11, MHL+15, RSHK11, SH14, VTD12, YTD15].

Multicore-Optimized [MHL+15].

Multicore/Multi [RSHK11].

Multicore/Multi-GPU [RSHK11].

Multidimensional [BLH02, BBBV13, BZ12, BL03c, CGMV05, FCM12, Hei13, Hes98, Hor10, Inv02, JI05a, JT98, KK09, LE10, LL99, LPR00, LPR02, RO15a, Str95, TW09, WL01, Win10, BZ96, Ena97, ZMC94, ALZ14].

Multidimensions [Sur00].

Multidomain [CLL13, PM95, WPGR13].

Multielimination [SZ99].

Multiextremal [CGS02].

Multifamily [EZ11].

Multifidelity [NGX14].

Multifluid [Kar96, SA99].

Multifrontal [AGL10, AAB+15b, But13, VM13, Xia13].

Multigraph [BS99a, BS02].

Multigrid [AC04, AC05, AB08a, ADGM98, AA02, BFKY11, BD98, BFJ+15, Bas98, BDO12, B100, BGH+03, BHST08, BV08, BB03, BH08, BvW09, BM95b, BD99b, BIYS00, BF10, BK14, BFC+00, BF+05, BGMR01, BF00, BVW03, BL03, BSA13, BKS13, BK11, CW07, CCS98, CGG+14, CH02, CMM+07, CKY98, CMK11, CM15, CFH+00, CRV14, DMS01, DMM04, DMM+10b, DMM+10a, De 12b, DM13b, DT95, Den97a, DB94, DTM05, Doh07, DSO5, EEO01, EOF05, FS14, FFK+14, FS96, FMB13, FKK+14, GGL09, GV15, GGOY02, GRS+15, GOS03, HKR02, HR05, HW13, Haz08a, Haz08b, HHV03, HW01, Hen05a, Hen05b, HTW+12, HV95, HTB+05, Huc08, J9V6, JI14, JLO5b, KKV13, Kan03a, KR14, KK09, KK02b, KY03, Kna98, KR99, Kra08, Kra09, Kwa99, LO11, Lee09, Lee10a, Lee12, LN05, LB12, LB06, Liv15, MO08, MM13].

Multigridd [MMM+94, MS06a, MT96, MSB+15, MMV98, MN08, NN12, NN14, NAC+15, Not12, OR02, OS07, OST11, OW98, OW00, OW02, PZZB15, PT01, PoH09, RGOY10, RLM+00, SB10, Sch98, SCTP04, SIS96, Sha99, SS10a, SAB14, TZ95, TY11, TY15, VV05, VV13, Vr07, WCS00, WC03, WL04, WHCX13, WOW00, WO01, WY09, WO03, WK03, WE06, XQ94, Yav96, YVV98, Zas95, ZF09, bZOW07, BGP94, BY93, BH03, LK93, MMM+95, MMY96, TW93, Yav93].

Multigrid-Preconditioned [PT01].

Multigrid-type [DSC05].

Multigrids [BBT05].

Multilayer [Lar99].

Multilevel [ABH03, AKS05, AP99, BS02, BK98, BK99, BL04b, BHT09, BS05f, BGS09, BBB+11, BMSV97, BV98, CGP93, CGZ99, CC08, CC10, CWZ07, CWX15, Cho05, CDGT01, DMM+08, DMSW10, EY07, EN08, EN09, EK14, EK10, GLLS13, GXY15, Gra94, Gra95, GS02b, GR05b, GrM0, HM05, HJ98, HLMR96, HL10, HS01b, KK11, JR96, KNN12, KK98, KKT13, KS94, KKF11, KT08, Kra12, LLP98, LLZ08, MG07, MG09, MG11, MV94, MK08, MSS12, OKSL15, PS08, PS11a, PC07, Rdu94, SZ99, Saa05, SCTP04, SBX+08, SW03, SLC01, WC00, Woi08, YD06, Zha99, EG93, GB03, LB11].

Multilinear [SL10].

Multimedium [WLK06].

Multimodal [HW03].

Multimodality [TW13b].

Multiparameter [BC99].

Multipass [MS98].

Multiphase [BHN10, LWVW03, RSHK11, SU15, WZET13, WH15].

Multiphysics [WPGR13].

Multiple [ARMNW10, AHDK14, BA05, BNP15, BDvG05, BS96b, BD99a, CGL+13, CR14, CN99, CC97, CMM95, EPE05, GYZ11, HR05, KMR01, Lee10b, LZ01, LZ02, LX14, Liv15, LN04, MN11, Nov15, RH06, SG95, SO10, Str93, UA04, WS07, WO98, WW12, XYZ12, YTD15, YZ05, YC99, ZGA10, CW97, Heg95].

Multiple-Coarsening [Lee10b].

Multiplication [AKA13b, AA14, BG12, DO15, DKGS15, EBSS+11, GHS+15, KHW+14, Mat95, SLvdGK14, VR14, WH09, YB09].

multiplications [YL93].

Multiplicative
Multiplier [BLS14, IT09b, KL15].
Multipliers [KMW99, KW00, WY12].
Multiplies [UA04]. Multiply [BC13, DK11, HT09, NAS13, Goe97].
multiply-add [Goe97].
Multiplier-Accelerated [NKLW94].
Multiplier-Based [GSS00].
Multiprecision [CVW06].
Multiprocessors [Sun96, NP93a].
Multiquadric [DD12, KW11].
Multiquadrics [CBN02].
Multirate [Pul08].
Multiresolution [ATV07, ACD95, ADH99, BW00, BC02, BH97, BT01, DMD +12, JTZ08, LS00, Liu93].
Multirevolution [Vil14].
Multirow [KMSM14].
Multiscale [AE08, AD07, BZ97, CSS10, CD01, DP10, DCS010, DMD +12, FR15, Jin99, JK05, KY05, Kra99, LM00, LI99, TW03, TW13b, WM11, ZCW10].
Multishift [VD10].
Multispecies [BMV13, JS10].
Multistage [Ban10, HS06c, ZRTK12, WRB +15].
Multistep [Ban10, IM97, WZ03, ZFZ14].
Multisymplectic [MR06, MRS14, MW15].
Multisymplecticity [RM08b].
Multitarget [Har08].
Multithreading [But13].
Multitissue [CC11].
Multivariable [Lin06].
Multivariate [BGM09, CS14, CKN06, IM98, LL03b, NX13, Rah13, ZNX14, CW93, Heg95].
Multiwavelets [AB00, BW00, CCA03, WB00].
Mumford [DMN08].
Miintz [MC05].
Muscle [RDP08].
MUSIC [AILP07].
MUSIC-Type [AILP07].
MUSTA [MEF09].
MuT [LB11].
Myths [HvdG96].
N [Mau95, Ten98].
N-Body [Ten98].
N-Simplicial [Mau95].
Nano [GL10].
Nanotube [JP14].
Narrow [KP09a].
Natural [CF07, HLMR96, LRD +04].
Navier [KW07, ABS96, ACL09, BH00b, BBSW15, BL07a, BW11, Ber97, DLTZ05, DHE13, ES96, Elm99, EHS +07, Ema97, FF05, GRL10, GHST98, GW98, GK98, HLLM15, HG96, Hes97, Hes98, HLM +09, HBS00, JL11, JK05, KL05, KGGS10, KOV15, LW12a, LLP98, LL03a, LCW95, LLL08, Lui01, MP08, NSK10, OR02, PT01, PP08b, PM95, PS12, RG09, SWT00, Sma01, SU15, TLN14, TLLK09, TC99].
Near [FD03, GrM10, MHS98, O’L01, SW10b, Van95].
Near-Field [GrM10].
Near-Optimal [FD03, O’L01].
Near-Singular [MHS98].
Nearest [BCT07, ROO08b].
Network [BPS13b, BPS13a, FMRR13, RGG15, Wan07a, SBC93].
Networked [Her08].
Networks [BHN10, EdDP09, FGH +08, GaP08, GK13, HK03, HGP14, KO05, MM07, SDNL10, SAY03, SAE10, Wan97, CC96].
Neuromagnetic [BRR08].
Neurophysiology [GM96].
Neutral [COZ96, WL08, WH13].
Neutron [CMM +07, FHL13, KMS15, SG11].
Neutronics [WKKP13].
Newton [BG05a, BG05b, CC12a, PBC05, AW15, AHDK14, BC10, BM01a, BBM11, BG05b, BU15, BWW03, CGK +98, CK02, CL11, CZ10, CBDW15, CX08, DP03, EW96, EV13,
Newton-Type [CZ10, YP98, MV00]. Newton/Chord [KMT98]. Newtonian [GP96, Lee14, MM14]. NFFT [PS03]. NI [CGQ10]. NICAM [TGS08]. Nicolson [Mu97, LPP09]. Nine [SY08]. Nitsche [LR12, Leh15]. NITSOL [PW98]. NLEIGS [GVMM14]. no [BEM94]. Nodal [BFK05, CWD13, MMA98, MNP07, NX13, RU01, SF08]. Nodded [CCSS08]. Node [LLHF13]. Nodes [BMF12, Bog14, CW15, FF15, HT13a, ZMS10]. Noise [BG10, BRW10, CC08, Gub96, HLZ13, MO00, MW11, RW06, Vil14, WGT14, YZ09, ZTRK14]. Noises [GDL08, Kus00, LT09, SK14, LG08, YGCP96]. Non [AM04, Bou01, CGL+13, CPV95, DFQ14, FS14, GS14, GP96, KMR01, LRD+04, MB13, Sta97, TY15, bZOW07, FG09, Fr03, YZ08]. Non-Boussinesq [LRD+04]. Non-Cartesian [DFQ14]. Non-Coordinate-Aligned [MB13]. Non-equidistant [hZOW07]. Non-Galerkin [FS14, TY15]. Non-Gaussian [AM04, GS14]. Non-Hermitian [CGL+13, KMR01, FG09, Fr03]. Non-Isa-Homogeneous [YZ08]. Non-Newtonian [GP96]. Non-Self-Adjoint [Bou01, Sta97]. Non-Selfadjoint [CPV95]. Nonadiabatic [BG11]. Nonaligned [BD99]. Nonasymptotic [BHvST14]. Noncentered [DMBB10]. Noncentral [KB96]. Nonclassical [G19]. Noncoercive [Bur13, Bur14]. Nonconformal [PL12]. Nonconforming [CKY98, DFQ14, Kan03]. Nonconservative [CPPR12, DRFN07, MEF09]. Nonconvex [GRMS09, HD15, KPP07, MV06, NWW97, QS08b, SWW08]. Nondegeneracy [Ush01]. Nondifferentiable [CGS02]. Nonelliptic [Yav98]. Nonequilibrium [KM98, SY09]. Nonequispaced [KV12a, PP03, DR93b]. Nonhomogeneous [DRFN07]. Nonhydrostatic [GR10, GKC13, RG09, YC14]. Nonhypercube [WI12b]. Noniterative [KBV09]. Nonlinear [ADKM03, ABF96, AM14, ADH99, AD07, AL97, BK98, BK99, BJ01, BSL14, BPR04, BM01a, BB15b, BLS14, BCF12, BF06, BQR14, BSR99, BGR10, BC99, BM00, MV13, BF07, BG04, CL11, CG14a, CT15, CR14, CM09, CNP12, CGM09, CC07, CS09, CN10, CW12, CH11, CS10, DS09, De 12a, DHO12, EGKS94, EV13, FBF15, FF05, FSD98a, GR05a, GJP+14, GRPG01, GH02, GCB15, GMS02, GH14, HK01, GS97, GVMM14, GN07, HU02, HJ98, HT01, HXB13, IM97, JK07, KB08, KA97, Kea97, KZ00, KL14, KM98, KLS08, Kus97, LP13, LRW96, LV13, Lay96, LMW15a, LW14, LSV13, LSZ11, LK04, Lui00, MIS03, Mar94, MO00, MP08, MG12, MT09, OW00, PL03, PW15, PW08, PPT11, Pla98, RLM+00, Sch03]. Nonlinear [Sem10, SH07, SB05, SL02, SMA04, TW05, TR95, VMM13, VC00, WS95, WL08, WSH14, WBS08, WK03, YDF97, YZ07, YZ08, YD06, YY11, ZZ04, ZSPH14, ZRK15, dSGK+15, AGC96, AO93, Car93, Sar97, TR93]. Nonlinear-Programming-Based [KB08]. Nonlinearities [JKM14]. Nonlinearity [CL11, GM00a]. Nonlinearly [CK02]. Nonlocal [KM97, RAB+S14, XJS12, XJS13]. Nonmatching [MLL13, RT01, WK03]. Nonmonotone [Toi96]. Nonnegative [CL08, DHR09, KP11, LD11, NSJ03, SX11,
ZJX14, FS96]. Nonnegatively [BV03].
Nonnested [Ca95]. Nonnormal [vD03].
Nonnormality [vBdB05]. Nonorthogonal [DGK98].
Nonoscillatory [BT06, CFR05, CV07, DB07, GR02, JT98, LN03, LT00, Q50a, Q50b, ZLS12].
Nonoverlapping [Den97b, MRS04, PL12, RL10, RGG06].
Nonparabolic [DJP00].
Nonparametric [EMT09, ES00, HHM08, Hei13, Rei13].
Nonpolygonal [And08].
Nonpolynomial [BB10].
Nonreflecting [LS02].
Nonsmooth [HTMM15, IJT11, KP12a, Kra09, MV06].
Nonstandard [BTT13, RU01].
Nonstationary [BTGH12, SMN10].
Nonstrictly [TW95].
Nonsymmetric [BDD+97, BN00, BGL08, BB11c, BHT00, BMM*10, BBM03, Bur13, Bur14, CJH11, CKD15, CS96, CKY98, EPV94, HWD02, HZ10, Ipo1, Jou94, Kas95, Kove15, Kra09, LSS99, MN11, Pvu95, Ruh08, ST08, SIS96, SV95, SvG08, Sta94, Tuo94, Zha97, dDBV14, dSL05, CGS+94, DS93, ES96, ST94].
Nonturbulent [CBS90].
Nonuniform [Ain14, BBBV13, BGOD08, BB15c, CKRS07, FCM12, NL99].
Nonvariational [LP11].
Nordsieck [Ku12].
Norm [BPS14b, BL08a, BM11, BT98, BSvD99, BHT00, BMM*10, BBM03, Bur13, Bur14, CJH11, CKD13, CS96, CKY98, EPV94, HWD02, HZ10, Ipo1, Jou94, Kas95, Kove15, Kra09, LSS99, MN11, Pvu95, Ruh08, ST08, SIS96, SV95, SvG08, Sta94, Tuo94, Zha97, dDBV14, dSL05, CGS+94, DS93, ES96, ST94].
Numerical [Jan98, JK12, JW05, JW13, JZ00, KB08, KP12a, KW07, KKF11, Kla99, KS15a, Kos07, KS15b, Kup98, KGT07, KM05, LAM94, LLP98, L202, LG97, LMP03, LL00, Lio3, Lio3, LLL08, L09, L05b, LP06, MR09, Man05, Mar94, MSW05, MCW95, Men94, Mic01, MT97b, MT06, MS01, MZ94, MS07c, MDC98, MH98, Nas09, NW97, NN99, Ob13, PBP14, PL03, Pen93, Pic10, PABG11, Por01, Pup03, RR98, RW06, SRCG93, SBS98, Ste15, SY10a, SP02, SO15, Ste01, SW15, ST11, TR93, Tri08, Tre97, Van95, Van00, VW98, VR14, WS95, WW09, WM93, Wen08, Wen10, WP98, WKM+07, XBC96, XK15, X08, XT06, YTL11, YZ07, YZ08, YP98, ZLTA15, ZD90, ZW03, ZCP06, Zhe07, ZK15, ZS02, ABS96, BS94, Ber97, BH97, BGP94, CDH17].
Nutshell [HL98]. Nyström [CSS93b, Cas05, PT99].

O [AGL10]. Objective [KHRvBW14, ten95]. Objectives [San10].

Object [ZB12]. Obliqious [LFLS08, SLFL06, YB09]. Observation [ZGA10]. Observations [Har11].

Observer [BDP96]. Objective [KHRvBW14, ten95].

Obstacle [BCH12, MRW15, MZ94, NS06, RZ03, WW10]. Obstacles [LS09, AE95]. Obtain [CAB04]. Obtained [BK11].

Occasional [PS97]. Ocean [ADM10, KH14, NK13]. Oceanography [XBC96].

Octahedron [AB08b]. Octree [HHM07, IBWG15, SSB08]. Octree-Like [WM11]. Octrees [BWG11, IBWG15, SSB08]. ODE [Ber00a, Bjo95, CPR11, GS97, HJ07, Lie93, LCJ96, OB05, SR97, SND11, vd97].

ODE-IVP [vd97]. ODES [Bar05, CV94, AP97, BN13, EM96, EJL03, JS93, Log03a, Log03b, SB98, Ver94, WE13, ZS14]. ODES/DAES [Bar05]. Odyssey [ABH03]. Off [SE13]. Offline [SW09]. Often [WS05]. Oil [BMM98]. On-the-Fly [TY11]. One [AP91, AHR12, BT06, BFK05, COZ96, CM98a, CGS02, CC12a, GBCT10, GT06, GV09, Haz08a, Haz08b, HC95, LS95, Liv08, MR07, Red09, SV11, Sta07, SMR01, SJ14, Vi09, VS03, WLL+15, Wen08, Xu04, YHQC12, SS93a, DSZ13, Hes97]. One- [BT06]. One-Dimensional [AHR12, COZ96, CGS02, GT06, LS95, Liv08, SJ14, Vi09, VS03, Xu04, YHQC12, SMR01, Hes97, DSZ13]. One-Shot [CC12a, Haz08a].

Online [AF11, PW15, SW10a]. Open [HG96, LJL09, VS03]. OpenCL [DARG13]. Operation [CF07]. Operations [ASZ07, BB09, JK12, KV13, MW08b].

Operator [BBB14, BPS14b, BS06a, Ch13, CDB13, CKO15, DOH12, DMD+12, FKK+14, HHLW15, Liv08, MPRW98, PC98, Rah00, RZ03, RSW10, Rub12, XZ10, ZB12, vGEV07]. Operator-Based [RSW10]. Operators [BS96a, BT04, Bm05, BC02, CDY07a, CJ05b, CJ95, Doh07, Elb06, FF15, KX96, LW97, MC10, SRS12, SY08, TW03, VR14, Win10, YR98, Nat95, Nat97]. Optical [BIK02, CILZ15, HP08, KdS05, LC05b, RBH06, SKMF15, YSS07, dSK11].

Optically [Lee10a]. Optics [Du11, GRPG01, QL06]. Optimal [AA00, AAD11, AP69, AS93, BGL06a, BHRST14, BH11, BFK05, BG05b, BK00b, BIK02, BvW09, BBO09, CG14, CF07, CWL+14, CK98, CCO11, CBDW15, CS10c, De11, DZ12, DP07, E09, FF15, FD03, GXY15, GPS95, GM11, HRT10, HS12, HN06, HR99b, IR98, Jao3c, KB08, KLS+15, Kla98c, Kny01, KAL07, KL12, MRS04, Mar01, MNS07, MSS10, MK08, MRW15, NRMQ13, Not00b, O’L01, OW02, PST15, Rav05, RDW10, RW11, RW95, RW13, ST03, Sta07, SM07, SW09, SW10a, SJ14, TUV10, Wan07a, WGO0, WG12, Yam04, Yiu95, ZWH+14, ZFwCW15, BDHS10, Cai93, DGH12].

Optimality [CCS97, Dou06, NM13]. Optimization [AHT12, BCS07, BPS13b, BPS13a, BG05a, BG05b, BH08, BGR10, BLNZ95, CC12a, CDM+13, CS10, De 12a, DF10, D10, DMM08, Doh07, DGSW10, DW15a, EKM94, EE14, FGH+08, GHHK15, GJ05, GHN01, GM94, GV07b, GKL08, GHKS14, HOY03, HM10a, HT13b, HS06b, Haz08a, Haz08b, HK03, HRS12, HKT01, KSD10, KLST06, KS07, KHRvBW13, KHRvBW14, LCH09, LS13a, LN05, wLvY00, LWZ13, LGH+13, LNA+11, NWW97, PR09, PNP13, PSLG14, PDC99, PMS12, PBC05, PC07, PR01, RG07, RDW10, SSW08, SWW12, SU15, SB15, Toi96, VMV15, WB08a, WRB+15, WYGZ10, WRS08, WH09, ZZW14, Car93, DGLG97].

Optimization-Based [BPS13a]. Optimization-Constrained [LCH09].
Optimizations [HML^+04]. Optimize [BSHL14]. Optimized
[ADM10, BM01b, BC13, CBG12, CK94, DMBB10, DGGG09, DKZ09, EDG12,
GMLNO2, GK12, IT09b, Jan98, MHL^+15, MM07, PKD13, QX08, SCGT07, SAB14].
Optimizing [Fie98, GRPG01, KKLS05, MHL^+15, PD15, Rán93]. Optimum
[Le 01]. Option [IT09a, RW07]. Options
[AO07, FO08, HY08, HFL11, IT09b, KL11, LFB008, Mar03, OGO13, RO12, Toi08,
ZK14c, dFL05]. ORBIT [WRS08]. Orbits
[CD06, DDF00, GM00b, LMR97, LCH99].
Order [ACVZ12, AVZ13, Abg09, ADR14, AMMR10, AMM^+10, AMM^+11, ABM^+13,
AV14, ABMR11, ABdSF15, An07, AAD11, A1n14, ABF96, ABST13, AHT12, AABM13,
ADGM98, AF11, AP12, AS06, AK04, AIV98, BS05a, BCR11, BM11, BT06, BS05c, BGN07,
BB15a, BB15b, BBKT15, BM08, BPR99, BT97, BLR14, BTT13, BLMO3, BGL06b,
BLL07, CLMM00a, CLMM00b, CL10, Cao07, Cas05, CMM00, CW15, CK15, CLAT10,
CD15b, CMO10, CM99, CG07, CK94, DW97a, DW98, DM11a, DG09, DFN12,
DKR12, DAE02, DMD^+12, DK89, DKNM14b, EO15, EIL01, FMM98, For06, GH07, GW15,
GBCT10, GM14a, GB06b, GLT09, GM11, GM04, GN07, HHT03, HW13, HL09, HRT13,
Hen05a, Hen06, HOF94, HO96b, HH11, HS01a, ILK05, Jam98, JK15, JK11, KM11, KP09a,
KO05, KT05, KL05, KPL13, KR11, KP05].
Order [KS14, Kup98, KL00a, KL11, Kye12, LO11, LP11, LE10, LMR00, LM15, LL00,
LP0R2, LG09, LN03, LM14b, LM14c, LSZ11, LY14, MNS07, MSL13, MC10, MRS14,
MMA98, NHSS13, NN14, NS06, Noot0b, Ols07, ÖBO5, PL03, PT99, PA09, PP12b,
Pj96, QS08b, RRR0, Rav02, RL10, RKL0, RMC12, RM08a, Ros05a, RWX07,
San10, SDNL10, ST03, Say15, SPKB13, SHP07, SC02, SC98, Str99, SJD14, TAV02,
TM14, VC00, VMV12, VB07, VSBH99, Vi14, Vi15, WMC12, WGT14, WSK99,
Wen08, Wen10, WM05, Win06, XH15, XQX15, XH05, YSS07, ZLTL15, ZSO3,
ZJC12, ZLS12, ZF14, ZYSL15, ZFZ14, ZHS10, ZLTA15, Zim14, ZPE12, dVM08,
Ahn96, CSS93b, GY05, H096a, LSM93, Pem93, She94, She95, ZMC94, ZSpH14].
Order- [MSL13]. Order-Optimal [MNS07]. Ordering
[BT99, ÇAK11, GBDD10, HR98a, MKSG10, MM95]. Orderings
[BSvD99, BT00a, BT00b, Day98, INS05, SO97]. Ordinary
[CP04, EM99, HV04, IM99, KW15, KR12, LS13, MC15, SB05, TSK09]. Ordinate
[HHE10]. Ordinates
[AKM14b]. Oriented
[CPB13, CCH11, Gg99, LW12b, LW14, PDTVM08, RL13, vdZvBd10a, vdZvBd10b, RG94]. Orstein
[BPB07]. Orthogonal
[AK04, Bar00, BF95, BF06, BL99, BL03b, BDFS04, Car10, CEHN08, CP03b, CBS00, CG10, CLN12, CRT11,
HM14, IW14, JED10, KH00, KP12b, Mit08, MNZ15, PDA09, Rav02, Sun95, Sun96,
SL01, WGB97, WLL^+15, Zie12, von97]. ALT93, Bia94, Rag95]. Orthogonalization
[Sta97, Ste08]. Orthonormal
[WO09]. Orthotropic
[LOL13]. Oscillating
[KSBI11, WTWB09, Tsy97]. Oscillation
[LP96]. Oscillations
[LRP07, LP08, Pet05]. Oscillators
[KL04]. Oscilatory
[CSS09, EY07, GASSS98, HW14a, SBK13, VI14, YP98]. Oseen
[BO06, HSS08, Le 09, OV07, Wab05]. Osmotic
[WFAP15]. Other
[Bal00, BCF01, O'L01, WZ03]. Out-of-Core
[ADLT^+12, RS99, AGL10]. Outer
[GGGL10, GY99, Saa93, AA14]. Outer-Product
[AA14]. Output
[AA14, CHMR10, MP08]. Outputs
[PDH09]. Over-
[MSM14]. Overcoming
[EO15]. Overdetermined
[DN13, ST96]. Overlap
[AKA13a, Bre00, DW94, GMN02]. Overlapped
[SX11, WH95]. Overlapping
[BJNN02, CPW15, CH94, DMBS10, FFS13, GR05a, Hen05b, Hen06, JP95,
LS05a, MLL13, PZPR07, Pet99a, Pet99b,
ST00, Wu99, Cai93, Goe97, Pet93].

p [ST98, HK95]. \textbf{P-Version} [HK95].
\textbf{P3DFFT} [Pek12]. \textbf{pdest} [BWG11].
\textbf{Package} [KMRW97]. \textbf{Padding} [BR11].
\textbf{PageRank} [FLM+05, GGGL10, GK11b, LM05a, WWJ12]. \textbf{Pair} [Le 05]. \textbf{Pairs} [PT99, SS93a].
\textbf{Panel} [RRR03, Rot96]. \textbf{Panels} [RRR05]. \textbf{Panich} [KL13a].
\textbf{Pantograph} [HXB11]. \textbf{Parabolic} [AB08a, AAI98, AH09, BC09a, BCF12, BF06, BF14, BvW09, BWZ10, BW09, CH09a, CGR14, CCG14b, DKO12, FH06, Gria14, GS00, HVW95, HV95, Kye12, LV13, LSZ11, LPP09, MNS07, MSW05, MPRW98, MSS10, Moo00, PS11a, Pic03, PMSB12, QX08, SV08a, Sio02, VW05, WG12, Yu01, ZS02, ZFHS15, Beo93, Cai94].
\textbf{Parabolic-Elliptic} [PS11a].
\textbf{Parabolic-Parabolic} [PS11a]. \textbf{Parachute} [BP13a]. \textbf{Paradigm} [BH00a, BL04a].
\textbf{PARAEXP} [GG13]. \textbf{Paragon} [Rot96].
\textbf{Parallel} [ABM+13, AKK14, ADLR15, AAI98, AB010, BMP14, BDD+a79, BDHS10, BDS98, BH00a, BL04a, BO07, BS98, Bar00, BPT+14, BPSV15, BYL13, BDvdG05, BG05a, BG05b, BMF12, BtVCG10, BTB05, BGRM01, BBR08, BG12, BWG11, CGK+a98, COS06, CV15, CCG+a14, CC12a, CC06, Cho00, CP15a, CMO10, CHO12, CG93, CP95, CJKL98, CDFQ11, CFM98, DGH12, DKKP14, DG99, Ema10, FFK+a14, Fie98, FW97, FPJ99, GV07a, GI13, GKV00, GCB15, GAVM13, GG05, GKS98, GKK10, Gr95, GKL08, GD07, GR05b, GH97, HKR02, HO15, HW14a, Hkov99, HRT03, HJ08, HWEY94, HL95, HJS09, HK00, HS06c, HW02, Hen06, HSF07, HP09, Hig95, HVW95, HKT01, IBM01, IN05, JMG0, JCL07, JPT97, KRO6, KV12b, KW10a, LCBD07, LMR98, LH096, LZ99b, LYL+a11, LC05a, LC08, LT14, LKvBW10, LD11, Lnu15]. \textbf{Parallel} [MKSG10, MMM+a94, Mat95, MSM14, MSB+a15, MZW09, NvdP00, Oet99, OW98, OKF14, PS11a, Pek92, Pek93, Pip13, PP13, PLY13, PDMY14, PBC05, PC07, QQsvdG01, RT10, RWA95, RT99, RGG15, SB10, SWT00, ST00, SC98, SO97, SM96, SB00, Ten98, TD99, TAHR15, UAO4, UAO7, WZ03, WHX13, WiOH08, XA99, Xie05, YCZ13, YSZ14, ZSD+a10, ZK96, AS93, AM95, BDP96, DS93, EG93, Gt94, JP99, Lam93, MH95, OA93, PS93, RG94, Sni93, TW93, Wat94, AA14].
\textbf{Parallel-in-Time} [HW14a]. \textbf{Parallelism} [BDO12, Min02, PQOB14]. \textbf{Parallelizable} [HLP97]. \textbf{Parallelization} [WZSL12].
\textbf{Parallelizing} [HvdG96]. \textbf{Parameter} [AHDK14, BGL06a, BP97a, BU15, BM00, CMK11, CBS00, CJK10, GJ05, GJH94, GGM07, GCB04, GMD00a, GA13, HR96, HCR13, IJT11, KZ00, LWG10, MS13, Reg96, RW13, SPKB13, SB05, TV10, WE13, Wei99, YR12, Lnu93].
\textbf{Parameter-Choice} [CMK11].
\textbf{Parameter-Dependent} [CBS00, TV10]. \textbf{Parameterization} [LMR97].
\textbf{Parameterized} [BBBD14, CGL11, CW12, EF15, GLT09].
\textbf{Parameters} [DD12, EHH12, GK12, HSB12, Jac03, JG02, KS15b, LM14b, O’L01, PDC09, DG95].
\textbf{Parametric} [ABdSF15, AF11, ACW12, BGN08, BPS14b, BTWG08, GLMN15, GY09, HMM07, KS11, LQR12, LS13a, TZX14, TB02, dSGK+a15].
\textbf{Parametrized} [DLY14, Ded10, DOH12, EPR10, GOV12, IA14, JX13, NRMQ13, Zia14]. \textbf{Parareal} [DM13a, GV07a, GJSZ13, LLS13, MSS10, WZ15]. \textbf{Paraxial} [CJ95, QL06]. \textbf{Pareto} [vdBF08]. \textbf{Parity} [BLM03]. \textbf{Part} [ABBM98a, ABBM98b, ABC00, BG05a, BG05b, GS02b, KGG10, ROD99, dSL05, BTGMS13, Bu13, Bu14, DSZ13, EO15, GOS12, GGS08, GS02a, LR07, LP08, Lee10a, PMSG14, ROO08a, ROO08b, Sta07, SM07, YZ07, YZ08]. \textbf{Partial}
[AW15, BCS07, BJNN02, BH99, BOPGF06, CB98, CCG14a, CCG14b, CRV13, EPR10, EF15, FBF15, FMRR13, FWA+11, FGH+08, HJ98, HO94, HO96b, HV95, HV95, HHL07, HG00, HV04, Lee09, LMW15a, LPR98, LZ13a, LCH09, MR09, MB00, Ptu08, RWX07, Sch98, WH13, XC13, You94, YR12, bZOW07, AGC96, EL93, FGM95, Gre93, HHRV93, Wri93]. Partially [BK04, SX11, DLG97]. Particle [BP13a, BBM+08, CP13, FDS13, GH15b, Gon15, GS00, GS02a, GS02b, KKP14, KCZ15, Kus00, MW03, PW12, PP13, SRS12, Sha03, SC02, Str00b, TKCC13, TK13, WMC11, McG95]. Particle-in-Cell [KCZ15, WMC11]. Particle-Partition [GS00, GS02a, GS02b]. Particles [Ste11]. Particular [Bet08]. Partition [CD15a, FFSS13, GS00, GS02a, GS02b, Sch09, Sch13, YSZ14]. Partitioned [HP94, Jay98, RM08b, Zbi11, CS97]. Partitioning [AKA13b, AA14, tVCA10, ÇAK11, CCS97, DS00, GMT98, GS05, HL95, HK00, KK98, KPC12, RP01, SDNL10, Ten98, UA04, UA07, VSS14, WC00, WZSL12, XA99, YB09]. Partitioning-Based [ÇAK11]. Partitions [BB009, Che05, OWO14, ZSD+10]. Parts [AM05, Lan94]. Passage [CCF14]. Path [CCZ10]. Patchy [CCFP12]. Path-Constrained [KB08, RP01]. Pattern [HKT01, NF11, KV13]. Patterns [Cho00, LCBD07]. PDE [MB02, NP08]. PDE [AB08a, ALZ14, BPS13b, BG05a, BG05b, CPR11, GGOY02, GV07b, GHKS14, HL10, KHRvBW13, KHRvBW14, PST15, PMSB12, PBC05, PC07, RDW10, Smi97, SB15, YZ05, Yav93]. PDE-Constrained [GHKS14, KHRvBW14, SB15, PST15, BPS13b, BG05a, BG05b, GV07b, PBC05, PC07, RDW10]. PDES [LM00, AAIf98, Bjo95, BWZ10, DO11, EV13, GM14a, GS00, GMPZ06, HG98, HW14a, HCR13, HO96a, Hol99, JTZ08, JGZ06, Lui00, MNS07, MNvST13, MNZ15, RKvdDA14, SRM+15, TV98b, WG12, Cas02, DMM004, FMR06, KT05, KS11, LZ01, Sem10, VV05]. PDF [BK04, CVK13]. PDF/Monte [BK04]. Peaceman [CHKM13, CLST03]. Peak [San10]. Peano [WM11]. Pedestrian [Cha07, GM13]. Peer [KW10a, KW15]. Penalty [BLP14, BB08b, Hes98, HR99b, Kla98b, Kla98c, PEC+14, WWY11, YJ13, CGP93, HG96, Hes97, LCW95]. Penalty-Based [YJ13]. 860 [Rot96]. AMG-RD [BFJ+15]. Chord [KMT98]. CM-5E [BP97b]. Concave [LNS96]. Continuum [Sha12]. CR [GT94]. DAES [Bar05]. Element [ZLLT13]. Explicit [MDM+12]. FDM [BC06]. Field [CCCZ10]. Hamiltonian [MW01]. Impulse [MIS03]. Lanczos [GT94]. LES [Hof05]. Level [NK10]. Mantle [RWKW14, RWWK15]. MD-DST-IV [ZLBC03]. Monte [WKPK13, BK04]. Multi-GPU [RHSK11]. Multigrid [AL02]. Quantized [DKO12]. Reliability [SE13]. Pencils [FSvV98b, MW01, Ruh98]. Peng [QS14]. Perfectly [AKL10, AH09, BHNPR07, CM98c]. Performance [BS07, BDJ05, CPV95, Cas02, CMV97, CDPC13, DMPV08]. DHHR09, EKM94, EG93, FFMT96, GH15b, GV15, GR5+15, GG10, HL12, HITR12, LNA+11, PPB13, PF94, Rot96, SLvdG14, SRS12, SH14, SC98, TG08]. Periodic [AP14, Bit99, BBT11, Coa12, CD06, ELtHR00, GJSZ13, GM00b, HJMS07, HSSZ09, KL12, LR98, PMSB12, SSH06, TP09, WJMT15, XYGO01, BR95, Pet93]. Peristaltic [TR93]. Permutations [May08]. Perturbation [AKA13a, AP04]. Perturbation [LY98, TT96a, Yav98, Gar96]. Perturbations [BBC07, SLP07]. Perturbed [ADGP07, DLTZ06, EMT09].
Polytope [CL08]. Popu- lation [Kim05, KW10b, PSB+06]. Poroe- lastic [LOL13, LO14]. Poroeastic-Fluid [LO14]. Poroeasticity [BBKT15]. Porous [AE08, AHR12, CFGM11, CDB13, CCH15, FHR14, GY11, GJP+14, JMN01, LVWW03, LE10, LY98, MJR05, Slo02, TTS08, WLE+00, WZET13]. Port [RW97]. Portioned [PYSG13]. Posed [Bur13, Bur14, KO99, Lan10, NM13, Reg96, RS02, VW94, FCR93, HR96, HO93]. Position [vSRV11]. Position-Dependent [vSRV11]. Positioning [CP03b]. Positive [BGLY05, BGM13, BM08, FEM08, HM10b, JFG10, LL98a, Lu95, MB99, Ng00, Pla15, PS01, ST14a, VSS14, Zha96, FS96, FF94]. Positive-Definite [BGLY05]. Positivity [CLTX15, GW15, PH13, Sur00, UW94]. Positivity-Preserving [CLTX15, GW15, Sur00]. Possibly [Hei13]. Post [RSA05]. Postbuckling [DP03]. Posterior [BSHL14]. Posteriori [ABF99, Ain07, ATK12, BPS14b, BBT11, BDW11, CP04, CP03a, CK03, CP07, CCH15, CWG10, CHH01, CSW14, Dcl10, EMT09, Ho04, JFG10, KS99, PS10b, Sch03, WWW11, WW10, WSH14, ZHS10, EV13, TW13b]. Postprocessed [Vil15]. Postprocessing [ABC08, CKRS05, DK98]. Potential [BS06b, CGK*98, HM98, HR98b, MRT00, NKLW94, RLM+00, WM93]. Potentialities [MM98]. Potentials [Bar14, BW15, CJO5b, Far01, GJ07, HJMS07, LG09, OSU10, Sha12, XYGO01]. Powder [GLL01]. Pow- er [DSC05, CW93]. Practical [Ruh98, SH01, Sm93]. Practice [CDW14a, CDW14b]. Prandtl [Pup99]. Precalculated [RY03]. Precision [Nie06, PQOB14, YTD15]. Preconditioned [ABF96, AJ99, ADGP07, BCGR98, BHN07, Bla94, BDE08, BMMT14, BD05, CK02, CCY98, CS14, DE05, GH02, GY99, GY02, GD07, GP96, HCHS13, JvGVS13, KR99, Kny01, KAL07, KL12, Le09, LK15, LMW15b, MS07c, NKLW94, NAC+15, Nq00, Psv98, PT01, RG13, Sem10, Sta07, SM07, SLC01, UA07, VK15, WOW00, WWJ12, WS15, Yan94, VGEV07, Jin95, Saa93, ST94]. Preconditioner [BJNN02, BDdSM11, BBM11, BGM13, BMT96, BT98, BT03c, Ber00a, BGS09, BLM03, CS99, CDG05, CBG12, CC02, CWX15, CST+13, DMM05, Do03, EOV05, GM15, GM10, HC05, JFG10, JKKM01, KR14, KLW02, KL05, KL06, Kla98c, LS05a, LY13, MT96, MW13, NV05, NS01, OW98, PEC+14, PELY13, PV15, QSV06, RT01, RG07, Ren99, Saa96, SZ99, ST08, SRM+15, SV00, TDF03, Ull10, VV13, Vir07, WGB79, XQ94, Ain96]. Preconditioners [BN05, BC10, BPS14a, BT00a, BW11, BS05f, Bre00, BT01, CDG03, CGL01, Cas97, CS98, Cho00, DW05a, EHS+05, EHS+07, EPV94, FV01, GL08, GS08b, GKS98, HN06, HO94, HKD13, HGK97, KO99, Kla98a, KOV15, Krz01, Lee09, LS13b, LNC05, LSS03, LW04, MG11, MKS10, MNS07, MS10, Mu95, NK13, NP10, OV07, Ong97, PS08, PW10, PS11a, PS01, PC07, RWKW14, RWKK15, RS03, ST14b, Sta97, SO97, Tau96, dSL05, CT94, CC96, CMV97, DLG07, EG93, HO96a, Huc93, Sch93]. Preconditioning [ABH03, AL99a, AD15, AA02, BSvD99, BHT00, BCT00, Bla03, BS15, Bre96, BW01, BCM03, BHI4b, CGQ10, CG99, CGG07, Che98, Che13, CM99, Dl97, DGSW10, EHL06, Elb06, Eln99, EF15, FFS07, FFS13, GNL14, HG97, GG10, HS96a, HSCT14, Ips01, INS05, JF11, JFG13, JFG15, JZ13, Jot94, Kan03b, KVMK01, KT08, Krah12, Lan10, MG07, MG09, Mal07, MV94, MS03b, MMA98, MR94, MGW00, NV98, Not00b, Ols07, OKLS15, PKNS14, PS11b, PP08b, PST15, PMSB12, PS12, PV94, PV95, QS08a, RT10, RW11, RSW10, Saa03, SWW08, SXS+08, SW03, SCGT07,
Sta94, SV01, TT07, VK13, VSS14, WZ03, WWM03, WH95, ZB12, dDBV14, vEh05, Di 95, ES96, FF94, NCV06. **Predict** [dBMZ11]. **Prediction** [HKC04, Oli01]. **Predictor** [RC06]. **Predictor-Corrector** [RC06]. **Predictors** [HMR09, MKWG15, OS98]. **Prefix** [Mat95]. **Preprocessing** [BZ93]. **Prescribed** [BCT07]. **Presence** [ASZ07, BN98a, SW15]. **Preservation** [CHAMR06, CW06, Jay98, KW10b, PH13]. **Preserve** [FMR06]. **Preserving** [ADR14, ALT93, BH14a, BG10, BM08, BLR14, CTB15, CGK13, CCSV98, Chn99, CLTX15, CS10c, DO11, FM11, FCM12, GW15, HLM03, JX13, Jin99, JS10, JW13, Ket08, KEF11, LTC13, LM08, LR99, Li01, LXL11, MW03, MS07e, MR01, NBA+14, Sur00, SF99, QX15, YJ13, LS12a, Tor05]. **Pressure** [BCM15a, EZ11, GP99, KL10, LY98, Ov07, SC04]. **Pressureless** [BCM15a]. **Pricing** [FO08, HW14b, HFL11, IT09a, IT14, IT09b, LFBO08, OG013, RW07, RO12, ZK14c]. **Priest** [Nie06]. **Primal** [ACCO00, CGM99, HS06d, HSW08, IMS96, KL10, KR06, LD03, Pla98, Kor93]. **Primal-Dual** [ACCO00, CGM99, HS06d, HSW08, IMS96, LD03]. **Primary** [BLGL11]. **Principal** [ADMI04, NH14]. **Principal** [GH14, HMST11, Nit09, ZZ04]. **Principle** [BI09, FH06, Gar00, JX13, LSU11, Li01, LY14, QX15, ZLS12]. **Principles** [AW11, OKF14]. **Priori** [CJ09, Cho00]. **Probabilistic** [GH15a, GR04, LD04]. **Probabilities** [IM98, Wall14]. **Probability** [BP06, BTH12, GDSL14, Gub96, LX12, LX14, SG04, WK06, Wi12b]. **Probe** [EP06, LS09]. **Probing** [SLO13, vDBF08]. **Problem** [AHT12, Ani94, ACW12, AHDK14, AHR12, Bar12b, BBGS04, BC06, BK08, BACF08, BO06, Ber98a, BH11, BK00a, BL09, BL03b, BIYS00, BBR08, BCM15b, CGAD95, CK03, CGP12, CC08, CDY07b, CHM02, DEP11, DS13, FGS14, GH13, GKV00, GS12, GP99, GB06b, GK11b, GO09, HRT10, HLD12, HT13b, HvDg96, HvDv03, JMM10, KK02b, KL06, KL10, KL13a, Kup98, KL00b, LM05a, LL98a, Le 09, LR12, LS05b, LPP09, MR04, MMT15, MRT00, MRW15, MV06, NH12, NW97, OR02, OV07, PRS12, PVV11, PBJ+96, QQQ09, RH09, RSA05, SS98, SHP07, SS10a, ST00, TYY08, TET10, TVV11, TD09, VP10, VV13, WWJ12, XYG001, XYZ12, XZ98, YZ14, ZYSL15, dVL10, vDB05, vWBV09, CSS93a, CW09, DS93, MMP93, MCJN94, SRCG93, Tre97, YL93, Zha94]. **Problems** [AD14, ABLS05, AL02, AC05, AB08a, ABF99, AA00, AFF+15, APSG14, ATV07, AGH13, AF15, AHDK14, AH04, AH06, AHH12, AD15, AP99, BS07, BH14a, BCS07, BDS98, Ban08a, BL03a, BSHL14, BBC+01, Bar14, BBGS13, BGM13, BCC+15, BB15a, BSv09, BTO13, BHNPR07, BL14, BK06, BM01b, BYL13, BF95, BFK03, BF06, BDF08, BB05, BF14, BH08, BvW09, BL14, BBM+15, BS99b, BT13, Bou1, BvCV+10, BCL99, BM05b, BDK12, BL08b, BMM+10, BMMT14, BWZ10, BH07, BP06, BHR96, BKS98, BTH12, BG13, BG04, Cab94, CW07, CL11, CSS09, CPV95, CEJ+10, CPB13, CGR14, Cas05, CCE12, CT03, CC014, CKY98, CD02, CJ05a, CKV99, CG04, CK08, CN10, CCO11, CEO11, CHH10, CDG+09, CM09, CGM08, CGT01, CDFQ11, DMS01, DN13, DDD0]. **Problems** [Ded10, Der08, DH95, DLTZ06, DQQ13, DKO12, DKZ09, DLZ10, DJLZ96, DK03, EKMK94, EOV05, EN08, EGKS94, EPSU09, EK14, EK10, EHW00, EMT09, EPV94, FGMP13, FGMP14a, FGMP14b, Fai03, rFS12, FH06, FTY15, FL97, FMM98, FDS13, FWA+11, FS02, FK00b, FS11, For06, GJSZ13, GJ13, Gar05, GH02, GKO3, GHH07, GV12, GGK+04a, GY02, GHN01, GH99, GT94, GI99, GHR12, GHR13, GM00a,
GV09, Gu15, GVMM14, HA01, HR96, HSB12, HSWW08, HMN+13, HS06b, HN06, HM14, HTW+12, HL10, Hof05, HR99b, HS01a, HKD13, HY10, HR99c, HHL15, HMW07, HSW08, HMKC04, HV07, HLM03, IM97, JKM14, JR98, KV13, KB08, KR14, KLS+15, KS94, KMA+12, KZ00, KW99, KO99, Kla98b, Kla98c, Kna98, KV12b, KL12, KG14, Kra08, KT08, Kra09, KSU14, Krz01].

Problems
[Kus97, KGT07, LP11, LP13, LV07, Lan10, Lan94, LQR12, Lay96, LP06, LMR98, LS13a, LV10, LG97, Lec13b, LN05, LI01, LWCL03, LLZ08, LM14a, LQX14, LWG10, JLM03, LQ10, LS03, LL10, LT14, LW04, MK98, MS07b, MM13, MAB07, MS07d, MG11, Mar01, MV94, MWBG12, MS10, MS06a, MG12, MMS05, MMN00, MMV98, Mu99, MHS98, NHSS13, NN03, NRQG13, NWY10, NvdP00, Nov15, OB08, Ols07, OW98, PL03, PKR+13, PKD13, Pa97, PW12, Padv98, PS13, PP06a, PP05, PSA99, PMS14, Pet06, Pic03, PS10b, PST15, FMS12, PRSS11, PV94, PV95, PBC05, QX08, QZZ14, RP01, Reg96, RW07, RW13, RS03, RL13, RS02, RKvdDA14, RSSZ08, SP03, SG11, Sch02, SBS98, SIS96, SY10b, Sl02, SK05, Stat97, Stat00, TT06a].

Problems
[TUV10, Tsy99, UEE12, VM13, VC00, VSBH99, VW94, VPP05, WBP05, X099, WOO4, VR94, WH08, WR13, WX99, Wan04, WS05, Wan12, War13, WO98, Wat04, WCHZ14, WW10, WW03, WB08b, WK03, XEG06, YG15, YZ11, Yav98, Yu01, YYY11, Zbi11, ZGA10, ZS99, ZLG98, vD03, vDAB12, vDzB010a, vDzB010b, BR95, Ca93, Ca94, CV93, Dax93, DLC97, DG95, FCR93, Gar96, HO93, Li94, MMY96, MMY96, MS93b, PCD06, Ran93, SBC93, Smi93, Wri93].

Procedure
[BGR10, CD15a, Den97b, rFS12, KLY07, MT99, YYY11, Gar96].

Procedures
[AAD11, HS99a].

Process
[AO07, ACW12, BF01, BTGH12, IT09a, PSB+06, SZ00, SB13].

Processes
[AM05, BRBT12, DNP+04, DN97, EFHL09, LFBO08, PS13, ZK14c, ZK15, Zim13].

Processing
[BCR99, BCM05, GMS02, HK00, Hen05a, KMS14, LRT11, Nov15, RSA05, SP03, WHC13, WFBA09].

Processor
[CFM98, OA93].

Processors
[KHW+14, Hec95].

Procrustes
[BL99, BL03b].

Product
[Be05, CWC08, CS96, DO15, DCP11, FT03, OR05, RG98, UI10, Zha97, ZCK12, AA14].

Product-Type
[Zha97].

Production
[Pup03].

Products
[BL03b, BBR08, KK08, LMS09].

Profile
[DHHR09, Hac02].

Programming
[AFK15, BV03, CCFP12, DARG13, GY05, GB98, GH01, KRO0, KK13, NKTY08, PA98, ST03, CV93, Kar03, Sar97].

Programs
[CFM98, FHFR13, FL08].

Projected
[EHN12, GRMS09, KSD10, MT09, SB07].

Projection
[ABC00, AABM13, BJ01, BBG11, BKB15, BM95a, BCP15, BD05, CFGM11, CEH08, CN09, CRT11, EAS11, EN08, GH13, GSW13, HB97, KMR01, KHE07, MNVST13, T14, TV11, YR12, ZFHS15, ABS96, ABMC97, CW97, LL98b, Sun93].

Projection-Based
[ENO8, KHE07].

Projections
[BCC+15, G05, JK08].

Projective
[GA03, LS12a].

Projectors
[HMS08].

Prolate
[KLZ+06].

Prolonged
[SNB08].

Prony
[OS95].

Propagating
[DBC13].

Propagation
[AR00, BLMR0, BCS11, CG96, DR13, GMM15, GW04, GM04, HLT13, KMA+12, KPL13, LS95, LOL13, L014, Min02, PKD13, SKJ+13, TLT12, Tra95, ZL96, Zin00].

propelled
[GHK14].

Proper
[AK02, CB08, GM10, IW14, Rax02, TLL14, ALT93].

Properties
[AMM15, DMM05, GG94, GG95, LL00, LB06, MS04, MR02, TG04, WL11, WB99, dBMZ11].

Property
[VS03, ZN05].

Protein
[XJS13].

Provably
[Ten98].

Providing
[Yam02].
Proximal [DTV13, UWY+15, WY13].
PSAI [JZ13].
Pseudo [BS96a, HS06b].
Pseudo-Differential [BS96a].
Pseudo-Timestepping [HS06b].
Pseudopolar [ACD+08a]. Pseudospectra [ET01, Lui97, LW97, WT01, TT96b].
Pseudospectral [BS05c, BLS09, BDZ13, BM01b, BMV05, CM13, DF99, Elb06, For95, For06, HJMS07, Hum05, Hum96, KLZ+06, LK98, MG12, MHS98, Ros15, TT96a, TC99, WS95, WSZ14, HP14, MT99].
Pseudostress [CW07].
Pseudotransient [CKK03].
Pumping [JP01, LJL09].
Pure [BB15a, Kup01, MMM+95].
Purkinje [WiOH08].
Pursuit [CDS98, WL+15, vdBF08, LL98b, Sun93].
PVM [DFN12]. PWDG [KMW15].
PyClaw [KMA+12]. Pyramid [Ain14, CW15].
QLP [CPS11, Ste99]. QMC [DKGS15].
QMR [BS96b, FN94, KMR01, RG98].
QMR-Based [KMR01]. QR [DHHR09, FsdV98b, GKK10, GE96, HWD02, Oli01, QOSB98]. Quadratic [BCS07, Ber00b, Cao07, CDY07b, Ded10, Don06, FL08, GHN01, HN06, HD15, Hvd03, HLM03, LCO5b, Mee01, NN05, PPGW12, PMSB12, CV93]. Quadrature [AB02, Alp99, Ban10, BHK14, Bøe93, DGB15a, EJJ08, FMRR13, GV13, GPS12, GPTV15, HT13a, HS05b, HHL00, HW09, MC05, SAY15, SLFL06, Str95, SWS02, BGP94]. Quadrature-Based [DGB15a].

Quadratures [BWV15, BR10, Cat07, Wen08, YR98].
Quadrilateral [LE10, SY08, Wan01, WSK99, YYY11, ZMS10]. Quadrilaterals [D’A00, HRV11]. Qualities [Hua05].
Quality [Ber98b, CPT05, CC06, CC11, EÜ09, HR98a, Joe95, KK98, Knu01, LCO5a, LCO8, LJ95, Wall3]. Qualocation [CP03a].
Quantics [OT11]. Quantification [Bar12a, BZ12, FW+11, GWE04, GS14, KKP14, KH14, Knu09, LNP+07, LZ04, Rah13, SDDN12, TZ14, WB08b].
Quantifying [AM04]. Quantile [Wat98, YMM+14]. Quantitative [DTM05].
Quantities [MNvST13]. Quantity [GV07b, LQX14]. Quantization [KY05].
Quantum [ACdS+11, BOR97, BM10, CBFW15, DZSN09, DZ12, FGB09, GRPG01, HJMS07, Jah04, JP14, LR10, Lee13a, ML11, RN14, SZ06, SO10, YHS07, vWBB09].
Quartic [UW94].

Quasi [ABL05, BN00, BBT11, CK07, DZ96, EZ11, HW14b, HHL00, HTW+12, HH11, IT09a, IK10, IT14, JSPC97, KH00, KSD01, LK99b, LD03, Man05, MM14, MS06a, MC94, SL10, SV01, Ton94, WA12, YZ05, CGS+94, Fr93, BBW03]. Quasi-algebraic [HTW+12]. Quasi-Lagrangian [DZ96, LQX14].

Quasi-linear [YZ05]. Quasi-Minimal [LD03, SV01, Ton94, CGS+94, Fr93].

Quasi-Monte [IK10, ABLS05, HW14b, HHL00, IT09a, WA12]. Quasi-Newton [KSD01, SL10]. Quasi-Newtonian [MM14].
Quasi-Orthogonal [KH00].

Quasi-Periodic [BB01]. Quasi-Random [MC94]. Quasi-Reversibility [CK07].

Quasi-Spherical [BN00]. Quasi-Static [HH11].

Quasi-Steady-State-Approximation [JSPC97]. Quasi-Symplectic [KNS05].

Quasi-Toeplitz [BW93].

Qualification [CC96]. Quotient [Hvd03, Ste02]. Quotients [IW14]. QZ [AKK14, FsdV98b].

R [MIS03]. Rachford [CLST03]. Radar [GH07].
Radial [Ama98, BN98b, BLB00, CB02, DFQ14, FM12, FP07, FLF11, GD07, JK10, JK15, KL13b, LHT13, Pla15, WRS08]. Radially [ADM03, MT09].
Radial [AB02, Alp99, Ban10, BHK14, Bøe93, DGB15a, EJJ08, FMRR13, GV13, GPS12, GPTV15, HT13a, HS05b, HHL00, HW09, MC05, SAY15, SLFL06, Str95, SWS02, BGP94].
PP05, SYO09. Radiative [BK98, BK99, HHE10, JLY08, PKR+13, RBH06].
Radiotherapy [CDM+13]. Radius [HOY03, JP11, RMD08, Ros15]. radix [Goe97].
Reduced [AF11, AK04, BGL06b, CHMR10, CST^{+13}, Dec10, DHO12, EPR10, EF15, GV12, GV98, GM11, HSZ12, KP10, LQR12, LM14b, LM14c, MR04, MS13, MMT15, NRMQ13, OS14, PS10b, Rav02, RMC12, San10, SDNL10, SPKB13, SHP11, VP14, WM05, WSH14, XBC96, Yan14, Zim14].

Reduced-Order [AF11, BGL06b, GM11, LM14b, LM14c, Rav02, SPKB13, SHP07, WM05, Zim14].

Reducing [AGL10, CWC08, C¸AK11, YL93, Lan93, SS93b].

Reduction [AdSGC12, ABdSF15, ABST13, AP97, ABTZ14, BS05a, BPR04, BB08a, BBBBB11, BB15b, Ber98a, BK11, BTWG08, CTB15, CCJ07, CS10a, CG14, DLZ10, DSS13, EO15, FSdV98b, G05, GH14, GSW13, HK099, HS02, HS01b, IT14, IA14, KA95, KT15, LS13a, LW09, MS13, MR04, MS13, MMT15, NRMQ13, OS14, PS10b, Rav02, RMC12, San10, SDNL10, SPKB13, SHP07, VP14, WM05, WSH14, XBC96, Yan14, Zim14].

Reductions [ML11].

Reference [LLZ09].

Refined [GHH07, HG00, JN10, Lee14, RKL07, Sha99, Wan01, Ain96].

Refinement [AdSGC12, ABdSF15, ABST13, AP97, ABTZ14, BS05a, BPR04, BB08a, BBBBB11, BB15b, Ber98a, BK11, BTWG08, CTB15, CCJ07, CS10a, CG14, DLZ10, DSS13, EO15, FSdV98b, G05, GH14, GSW13, HK099, HS02, HS01b, IT14, IA14, KA95, KT15, LS13a, LW09, MS13, MR04, MS13, MMT15, NRMQ13, OS14, PS10b, Rav02, RMC12, San10, SDNL10, SPKB13, SHP07, VP14, WM05, WSH14, XBC96, Yan14, Zim14].

Reflection [LL08, WMC11, WMC12].

Reflection-Based [LL08].

Reflected [LL08, GGL07, MN00, PR01, TPW09].

Relaxing [CKQ14].

Relaxation [AK09, ADM10, BCT05, BM08, BR09, BLR14, BF10, CPH14, CNP12, CCM08, CCR12, EHN12, FMB13, GS98a, GR05a, HPS06, HV96, In99, IMS96, JV96, JP95, LW97, Mar99, Mu99, RWA95, SB98, SV00, TZ95, Ver96, WH13, ZKV99, Dax93, Lei93, Pen93].

Relaxed [CEHN08, GGL07, MN00, PR01, TPW09].

Reliability [MS06b].

Reliable [CF00, CVW06, GS02, SE11].

Remap [BCV13].

Remapping [LL08, WMC11, WMC12].

Remapping-Based [LL08].

Remarks [Goe94].

Replacement [dVY00].

Region [SKJ^+13].

Regions [SKJ^+13].

Regime [FCZE14, HH11, HFL11, JW13].

Regimes [BM03, Lee10a].

Region [CC12b, KHRrBV13, KHRrBV14, NHH99, Pla98, RS02, SKJ^+13, YMW07, dSK11, Sar97].

Region-Dependent [SKJ^+13].

Regions [AL99a, And08, A198, DP98, GM98, LCN14, NAS13, WRS08].

Registration [BM09, Hei13, Str93, YMM14, You94, LL98b].

Regular [JLY08, NL99, Gu93].

Regularity [BH07].

Regularization [AL97, AL99b, BC02, BMR13, CR04, CT03, CEO11, CK015, CP15b, CJK10, FGHO97, FM99, HR96, HM01, HA08, Hwa07, JLT11, JG02, KHE07, LFB13, LLL08, Man99, NNT13, O’L01, PRM97, Reg96, RS02, SJ14, TY08, DC95, FCR93, HO93].

Regularization-Sensitive [Hwa07].

Regularized [APSG14, BCCt^{+15}, BM13, CL10, CMO00, Cor01, KO99, KLO0b, Lan10, NP14, Str00a, WMUZ13, XWY08, dSK11].

Regularizing [DSC05].

Reinforcement [GHK14].

Reinitialization [GB98].

Reissner [CG07].

Rejection [HGP14].

Related [BGN08, BrVcg^{+10}, DG98, FK00b, FT03, HHSW11, KK09, Son12].

Relation [Gas13, Le 05].

Relations [GPS12].

Relative [DP09].

Relatively [BDvdG05].

Relativistic [DW97b, NH14, McG95].

Relaxation [AK09, ADM10, BCT05, BM08, BR09, BLR14, BF10, CPH14, CNP12, CCM08, CCR12, EHN12, FMB13, GS98a, GR05a, HPS06, HV96, In99, IMS96, JV96, JP95, LW97, Mar99, Mu99, RWA95, SB98, SV00, TZ95, Ver96, WH13, ZKV99, Dax93, Lei93, Pen93].

Relaxed [CEHN08, GGL07, MN00, PR01, TPW09].

Reliability [MS06b].

Reliable [CF00, CVW06, GS02, SE11].

Remap [BCV13].

Remapping [LL08, WMC11, WMC12].

Remapping-Based [LL08].

Remarks [Goe94].

Replacement [dVY00].

Remeshed [TK13].

Removal [CC08, MO00, AGC96].

Removing [PC07].

Reordering [LM05a, OKL15].

Orderings [Saa05].

Reorthogonalization [GL03].

Repetition [WI09].

Replacement [dVY00].

Representation [CCA03, DGS08, DCS010,
Li99, SDNL10, TW03. **Representations** [AAB15b, BDvdG05, BD05, DNP04, IK10, MC09, PSDF12, SG04, SW10b].

**Reproducing** [TY08, XKWY08, DR93a]. **Requirement** [BBSV10]. **Requirements** [BT03c]. **Rescaled** [DFQ14]. **Rescaling** [BM00]. **Research** [GL10, JF11]. **Reservoir** [SCS04, DS95a]. **Residual** [AB02, ADR14, BC09a, BGH13, CW12, HY10, KMW15, KA95, LRS02, Liu96, LN04, LD03, NM13, PS02, SV01, Ton94, VK15, ZW94, vdVY00, Bia94, CGS94, Ena97, Fre93]. **Residual-Based** [KMW15]. **Residual-Free** [HY10]. **Residuals** [LRS02, vdVY00]. **Resilient** [SRM15]. **Resistive** [AMMR10, AMM10, ABM13, CST13]. **Resistivity** [DSZ13, PDTVM08, vdDA12]. **Resolution** [ANP00, BAFF00, CCSS03, DHE13, DMD12, FHL13, FM07, Gob08, HBL05, Kup98, LiMV12, LNP07, LS95, LFB13, LOL13, LT00, MR02, PL06, Ros06b, TW05]. **Resolving** [TT96a, TGS08]. **RESPA** [MIS03]. **RESPA/Impulse** [MIS03]. **Response** [BTGH12, CVK13, RS13, SSDN12]. **Response-Excitation** [CVK13]. **Responses** [Cab94, Lin06]. **Resputtering** [GST99]. **Restart** [KLY07, TE07]. **Restarted** [ARMNW10, BCR03, BR05a, CGL12, DCP11, EPE05, FG98, JN10, SSW98, VL10]. **Restarting** [BGH13, GGPV10, Mee01, Mor02, MN11, RF07, SSW98]. **Restoration** [CCSS08, CGM99, CMM00, CJ10, EK10, FNBN05, FN060, GY05, GRMS09, GLN09, HS06d, HLZ13, LTC13, NWW10, NP14, WNC08, ZW13]. **Restoring** [NO98]. **Restricted** [CS99, CL11, LS05a, PC07, SCGT07]. **Restriction** [CCV14]. **Result** [Van00]. **Results** [ABBM98b, CLMM00a, CLMM00b, CKS01, FGMP13, FMM98, HR99b, KP07, LMPQ03, LZ02, VW98, MT97a, NCV06, FGMP14a]. **Resurrecting** [Ros96]. **Retarded** [GJ07]. **Retrieval** [EBS8+11, KBV09]. **Revealing** [GE96, SWW08]. **Revenge** [Den97a]. **Reversibility** [CK07]. **Reversible** [BLR99, Cas05, GL15, HS97, HS05a, KL00b]. **Revisited** [Day98, IHTR12, SCDM10, LZ94]. **Revisiting** [Ban08b, CWL14]. **Reynolds** [BY93, DHE13, KV05, NH12]. **Reynolds-Averaged** [DHE13]. **Rham** [Kir14, PV08]. **Riccati** [BG08, BBSW15, BSSW13, Gar97, ZFwCW15]. **Riccati-Based** [BSSW13, BBSW15]. **Richards** [BL14, BCV13, CZ10]. **Richardson** [Bia94, BGH13, PP12b]. **Ridge** [LTC13]. **Ridgelet** [MF06]. **Riemann** [BCLC97, BMSV97, DW97b, EOD93, GGK04a, Gur04, Hwa07, LLD99, LL98a, MV06, SRCG93, Tor12]. **Riemannian** [QZZ14]. **Right** [ARMNW10, BCC98, CGL13, CB08, HR05, KMR01, LN04, MN11, SG95, SO10, CW97]. **Right-Hand** [ARMNW10, BCC98, CGL13, HR05, KMR01, LN04, MN11, SG95, SO10, CW97]. **Rigid** [BBB13, BCF01, CFSZ08, JvGVS13, SU15, TVU10]. **Rigid-Body** [BBB13]. **Rings** [HRV11]. **Risk** [GJM94]. **RISOLV** [TET10]. **RKDG** [CLL13, DY06]. **Robin** [ACF09, GK12, NV08, QX08]. **Robinson** [QS14]. **Robot** [EKMN4]. **Robust** [AKM14a, BCT00, BT03c, BDvdG05, BR05b, BLG11, BCM15a, Bol03, BB09, BGMR01, GL03, GGLT00, GG05, GKT09, HHL15, Jou94, KR14, KL12, wLxY00, MM13, Oet99, OR02, OGO13, PBP14, Slo02, WL97, WSC00, Wan07b, WWY09, Wat04, WGF08, ZS04]. **Robustness** [CFH00, HJ08, LMR98, Man95, WI12a]. **Rock** [GYZ11, AC08]. **Rod** [LFWP08]. **Roosbroeck** [G¨ar09]. **Root** [CGS02, GGM01]. **Roots** [BM05, GLR07, Goe94, KV96, KMW05, LX08]. **Rosenbrock**
Rotated [HBL05].
Rotating [BLS09, BMTZ13, CLP08, GP06, TC12, WAS94].
Rotation [BL07a, DK10, GD03, KV12a, Lan98, Mit08, OR02].
Rotation-Based [Lan98].
Rotational [BBB13].
Rotations [Drm97, GV13].
Rotor [XYZ05].
Rough [EL03].
Rounding [RW97, ROO08a, ROO08b, ZH09].
Row [GG05, GHS15, Oli01, Dax93].
Row-Merge [Oli01].
Rule [LNP15, SO15].
Rules [Alp99, CKN06, GM98, GPTV15, LL03b, MC05, Str95, WS06, Wan07b].
Run [HR08a].
Runge [AGC96, AGH00, BR09, BPR13, BBM+15, BRW10, CSS93b, CHAMR06, CGAD95, Cas05, EM96, GMM15, HMR09, Jay98, Ket08, MNS07, McL07, MRS14, OS98, PT99, PPR05, PKD13, Pat97, QSO5a, QSO5b, RM08b, SS93a, TVA02, TLT12, TP99, VV05, VS04, Zbi11].
Running [DP09].
Runs [SSDN12].
S [AC08, PM03].
S-ROCK [AC08].
S-Transform [PM03].
SA [BFM+04, BMM+10].
Saddle [BSSW13, DW05a, DGSW10, GV12, IM98, Kla98b, Kla98c, KOV15, Krz01, LSS03, LW04, PHJ11, RH09, ST14b, WW03].
Saddle-Point [DW05a, DGSW10, KOV15, LW04, RH09, ST14b].
SAT [MG09].
SALSA [FLM+05].
Sample [KL94].
Samplers [FP14].
Sampling [AK15, AHDK14, ABCP08, BSHL14, Bou01, BVC13, CS14, CILZ15, CGM06b, CHM02, DGS08, EBSS+11, LLZ08, LLZ09, MT08, Mit08, PF12, PHJ11, Sch10, Wal14, W12b, ZWH+14].
Sandpiles [VF06].
SART [IJ08].
SAT [Gas13].
Satisfying [ADM+15, LY14, ZLS12].
Saturated [FK97, SCM10, Sta00].
Saturated-Unsaturated [FK97].
Savart [PRM09, Ros06a].
Saxton [XS08].
SBP [Gas13].
Scalability [CFH+00, GRS+15, HJ98].
Scalable [BMP14, BWG11, Gon15, KMA+12, KPPS14, MZW09, MPS09, OKF14, PL12, Sch10, WLX+13, XOMN10, YC14].
Scalar [ADR14, GGS08, Mar94, NMAR11, TLE12].
Scale [BCR03, BS05a, Ban08a, BSSW13, BHT09, BPSV15, BTY08, BB05, BCL09, BTWG08, BTGH12, CEJ+10, CV15, CN10, CP15b, CSW10, DJT08, DKZ09, EHL06, FWA+11, FB05, FGH+08, GM00a, HPS08, KV13, LT09, LWG10, MWBG12, OPRB06, OKF14, PKR+13, RS02, RM08a, SBR06, SWW08, SS12, Sim07, VMG09, WM05, WT01, YPN+01, YGB+05, YMM14, ZYSL15, BHP94, CV12, ST94, TW93].
Scale-Bridging [PKR+13].
Scale-Free [KV13].
Scaled [BCP15, GMO14].
Scales [RDP08].
Scaling [ACdS+11, AMH12, BPS+14a, KL15, SDR15, SJD14, Kor93].
Scaling-Squaring [SIDR15].
Scanned [KTB14].
Scanning [BC06].
Scattered [KP07, LLHF13, LR99].
Scattering [AIL05, BL03a, BS05b, BB10, BC06, BHNPR07, BCh12, BS06a, CGM06b, CHM02, GH15b, HV07, JLY08, LAG14, Lee10a, LLZ08, MG07, MZ94, NS06, PS10b, Rah00, RZ03, ZB12, MMM+95, WM93].
Scheme [ANP00, Aru12, AR99, ABB+04, BM11, BCT05, BM08, BCF12, BF06, BHK12, CCFP12, CFR05, CK15, CH94, CJ05a, yCWHJ12, CG06, CPR11, DW97a, DW98, DY06, Dax03, DKKP14, DB07, FF05, FCM12, GW15, GLL01, GB06b, GG05, HCRT13, HJP04, HRS12, HLW13, JS10, KK98, KQW04, Kup98, Kup01, KL00a, LNP+07, LM08, LPR02, LSV13, LXL11, MAB007, MS06b, MW15, MEF09, Nat98, Pet01, PjJ96, QS08b, RV03, Ros96, SZ06, SY08, SLO02, VS04, WL97, WDE+99, Wan04, WM11, Xu99, YJ13, Yu01, dLRT09, McG95, ZSpH14, NBA+14].
Schemes [AB02, Abg09, ADR14, AKPRB08, AD06, BGL08, BL02, BT06, BBC+01, BAF00, BM08, BCF13, BPR99, BP12, BS04, BM10a,
BM10b, BH08, BR09, BPR13, BHT11, BC99, BL03c, BL05, BCV13, CFGM11, CZK15b, CPRR12, CHKM13, CCM08, CGK13, CLAT10, Chr09, CLTX15, DMBB10, DEP11, EF05, FG514, FM11, FSdV98a, FMB13, FEM08, GB12, GCB15, HOY03, HS05b, HSWW08, HS08, Jia14, JT98, JP00, JSZ13, JX13, Jn09, JW13, KS14, KW10b, KNP01, KPP07, KP09b, LdMV12, LS12a, LE10, LV13, LL98a, LNSZ06, LI01, LN03, LT00, LW03, LSZ11, LPS13, LY14, LP03, Lu95, MV09, MNS07, MB13, MMS05, MR01, NN03, Nor07, OL98, PPR05, PKD13, Pet05, PP12b, Pup03, QS03, RU01, Roe98, SL11.

Schemes [ST14a, Sei95, SY14, SYY09, Ste00, Sur00, TB99a, TW05, Tor05, VN03, VS03, WL01, WBFA09, Win10, YHS07, ZS03, ZLS12, ZFZ14, ZLJ96, BH97, Hes97, LK93, SS93b].

Schmidt [CCJ07, GL03, Ste08].

Scholes [iW11].

Schrödinger [ADKM03, ABK11, BJM03, BCM11, Bru15, CCG14a, CCJ07, CRV14, FJ99, GRPG01, KL13b, Liv08, ZsSpH14].

Schur [BS05e, BG05a, BG05b, Bla03, CGL01, DS95a, FCR93, HSF07, Kra12, LS05a, MG11, Mal07, MRT00, MA98, OV07, PE00, PSLG14, SS99, WB99].

Schur-Type [PE00]. SchurRAS [LS05a].

Schwarz [And08, ADM10, BT03b, Ban08b, BGOD08, BC10, Bre00, Cai94, CGK+98, CS99, CL11, CPW15, CC12a, DK11, DGGG09, EDG112, GMN02, GR05a, GK12, Gar96, GKv00, Gar05, GH99, GC97, HR07, Li94, Liu00, Liu01, Mar09, MS09, PZP07, PS08, PS11a, PBC05, PC07, QX08, ST00, SCGT07, ST96, TDTF03, WB99, WH13, Zha94]. Sci [JMK08, Science [JMK08, WRB+15].

Scientific [KP+A12, SS03]. Score [Ng94]. SDE [GS14]. SDEs [Vil15]. SDP [BTY08, LT09]. SDP-Based [LT09].

Search [GKL08, HKT01, LST07, OW02, Wan13].

Searches [COS06]. Searching [CD15a]. Second [AVZ13, BS05a, BGN07, BB15a, BLL07, Cas05, CK15, CM99, DM13a, Del14, DG09, DAE02, DKM14b, EIL01, GW15, GBCT10, GY05, GLT09, HW13, HL09, HH11, KM11, KP09a, KO05, KP05, Kup98, KL11, LP11, LN03, OB05, RL10, RM08a, ST03, TVA02, VSBH99, Vi14, ZLTT15, ZYSL15, ABCR93, Atk94, She94, She95].

second- [She94, She95]. second-kind [ABCR93]. Second-Order [BS05a, BB15a, BLL07, CM99, DM13a, DG09, DAE02, DKM14b, EIL01, GW15, GBCT10, KM11, KP09a, KO05, Kup98, KL11, LP11, LN03, OB05, RL10, RM08a, ST03, VSBH99, ZLTT15, ZYSL15, GY05].

Section [Ben13, Ben15, GH07, KY14, TBC+11].

Securities [IT14]. Sediment [BSS09].

Sedimentation [BABR12].

Sedimentation-Consolidation [BRBT12].

Seeking [Sta07, SM07].

Segmentation [CMSS06, DMN08, LB07, LB08, ZC06].

Segregated [GNOR14, HSF07].

Segregation [Boz09].

Seidel [AM95, Day98, Ver94].

Seismic [AKM+14a, BU15, BTGMS13, MWBG12, PDC99, vLH14].

Selected [LYL+11, dVL10].

Selection [AdVC00, C13, MS07a, Wei99].

Selective [GL03, RT10]. Selectors [YW12].

Self [Bou01, De 12b, GHK14, LY13, PTDVM08, WMUZ13, Sta97].

Self-Adaptive [PTDVM08].

Self-Consistent [LY13, WMUZ13].

Self-Learning [De 12b].

Self-propelled [GHK14].

Selfadjoint [CPV95].

Semantic [ZS99].

Semi [ALJ99, AC09, BT06, BCT05, BP13a, BF14, CF07, CMSS06, GRL10, HMR09, KS13, Kor15, LL02, Lay03, MO10, RG09, RLM+00, dFL05, HO96a].

Semi-Discrete [BT06].

Semi-Implicit [ALJ99, AC09, CMSS06, GRL10, HMR09, LL02, MO10, RG09, BCT05, KS13].

Semi-Lagrangian [BP13a, BF14, CF07, Kor15, LL02, Lay03, RLM+00, dFL05].
semi-Toeplitz [HO96a]. Semianalytic [MS07c].
Semicircular [HO94, HO96b, HBS00]. Semiclassical [BJM03, BG07, FGL09].
Semicorensing [BFJ00, Den97a, Sch98, WO98].
Semiconductor [ANP00, BG07, JW13, Kla98a, Kla99, MT96, RWA95, Sar98].
Semiconductors [BJ08, CCM05, DJP00, HJP98].
Semiconvergence [EHN12].
Semidefinite [Gri94, ST14a].
Semidiscrete [BP13b, KP12b, KL00a, KNP01, KPP07].
Semilinear [AW15, BWZ10, BHW99, CJ05a, LZ01, ST00, WGT14, Xu94].
Semiorthogonal [Ste02].
Semiseparable [WLX 13].
Semismooth [BU15].
Sense [BW96].
Sensing [KBV09, YZ11, YLHX15].
Sensitive [Hwa07].
Sensitivities [AL07, GK13, MNBK10, MM14].
Sensitivity [Bar05, BBR04, BV00, BBC07, CLPS03, CKLP11, GH15b, GV07b, GM00a, HTMM15, KSB11, TB02, WTWB09, ZPE12].
Sensor [GS12].
Sensor-Location [GS12].
Separable [BGM09, BF95, CN10, RT99, dBMZ11, DLG97]. Separately [AMHR15].
Separation [HCHS13, SX11]. Separators [KPCµA12, MTTV98].
Sequence [HH13, KK13, KA95].
Sequences [BRZ14, HILL00, JK08, MC04, NHSS13, PdSM 06, PV08, TT07, Pel93].
Sequential [AL97, AL99b, BDHS10, CGDD11, DGHL12, DTV13, HS99a, LLL08, OK13, WRB 14, vdHCDD15].
Serial [LSW02]. Serially [CDY07b].
Series [BS98, Bar00, Bar05, FO08, HT14a, HCHS13, Hor10, IK10, RO10, WM05].
Set [BP13a, BH11, COS06, CGS02, CDM 13, Cho09, FM07, GKL08, HSW08, KP11, KS13, LST07, MO00, MO10, NKM10, PSDF12, PST15, QL06, RS00, SF99, TKW08, Wen10, ZJX14, ZCl06].
Sets [CWD13, FD03, HMST11, LZ13b, MDC08, NX13, PD15].
Setting [OW02]. Several
[EM94, LW03, vD03, HHRV93].
Shadowing [CV94, HJ07, Van05, Van00].
Shah [DMN08]. Shakhov [CLQ12].
Shaking [GL15]. Shallow [AK09, ABB 04, BBSV10, BM08, BP12, BL05, CLP08, FS01, FM11, HK02, KP09b, Lay03, Le 05, LRP07, LP08, LDS11, Mar09, MSS12, RLC08, RLM 00, TC12, YCC10].
Shallow-Water [BP12, CLP08, Le 05, LRP07, LP08, RLC08, RLM 00, TC12]. Sham [LY13, YMW07]. Shape [BCH12, CC12a, CD 13, CVM05, DD12, DM08, GHHK15, GMV99, HT13b, HS06b, Haz08a, Haz08b, vdZvBdB10b].
Shape-Linearization [vdZvBdB10b].
Shapes [DCS010]. Shared [Gon15, NP93a].
shared-memory [NP93a].
Shared/Distributed [Gon15].
Shared/Distributed-Memory [Gon15].
Sharp [BFSN08, ZD09]. Sharper [Van00].
Shifting [Wat94]. Shifts [DKZ09, DLZ10]. Shock [CC98, DW97a, FL97, GKK 04a, Hwa07, Men94, WL97, Wu99]. Shock-Induced [CC98].
Shooting [CGR14, HM10a, Lam97, Rán93].
Shortening [BM11]. Shot [CC12a, Gub96, Haz08b, Haz08a].
Side [BCC98, CB98, SO10]. Sided [BB15b].
Sides [ARMNW10, BT03b, CGL 13, HR05, KMR01, LN04, MN11, SG95, CW97].
Sideways [EBR00]. Sierpinski [BBSV10].
Sigmoidal [Yun03, YK03]. Sign [BSS09, Gar97, ROO08b, SQ002]. Signal [BS95, EK10, NN05, XKZ95]. Signaling
Signals [BBR08, GG09]. Signed [ST14b]. Significant [Nik13]. Signorini [DEP11]. Silicon [Bl09]. SIMD [BPT93, CP95, KHW+14, MH95]. Simple [Abg09, BMTZ13, Bre96, Du11, GNOR14, HT14b, HS94, KV96, LHN96, Mac98, PNP13, Ren15, SA99, SvG08]. Simplex [Che05, WI12a, WI12b]. Simplicial [Mau95, Ols07]. Simplified [BH12, BRZ14, EIL+09, HZ10, LD05]. Simply [DP98]. Simulate [DR13]. Simulating [AL99b, MDC98, MM07, SAE10, WGF08]. Simulation [Ama98, AL07, BB13, BST08, BG07, BI09, BLGL11, BBM+08, CCM05, CLQ12, CM09, CC98, CLP08, CBCR14, CVE13, DN97, Dor98, EAS08, EFHL09, EdDP09, FFMT96, FL04, GHTW00, GY06, GL15, HA01, HK03, HPS08, Ho04, HSSZ09, JP14, KBK+08, KK02b, KP06a, KLT06, Ko04, Kös07, LL03b, LY98, LLZ15, LNA+11, NK13, NN99, Øk105, PDTVM08, PP13, QS14, RWA95, SB13, SCS04, SD11, TKW08, TK13, Teu98, WLK06, WFP15, XW05, YC14, DS95a, MT97a]. Simulations [BBSV10, BHvST14, BPS13a, BPSV15, CL03, CW06, CWG10, Don06, EHL06, FTY15, FY14, GHK14, GST+99, Go08, GM14b, Har08, HKC+04, HJP04, IP06, JP01, KKP14, LJL09, LP04, LZ04, NK15, NKT08, NH14, OKF14, PS10a, Ros97, RHK11, SNB08, Str99, TTM08, WPG13, ZSD+10, YGCP96]. Simulator [PYGS13]. Simultaneous [AA14, BCH12, BS96b, HS06b, LD03, YSS07]. Simultaneously [AMHR15, CC10, ZGA10]. Sink [LB11, RT11, SO15]. Sine [AMHR15, BDZ13, Di97, Zhe07]. Sinc-Gordon [Zhe07]. Single [BS06b, CCF14, CS94, CJ05b, Far01, MKWG15, Nov15, ZGA10]. Single-Needle [CS94]. Single-Pass [CCF14]. Singly [KW15]. Singular [Bet08, BC02, Car07, CPS11, CGHT14, De 12b, DLTZ06, Drn97, GV13, Gu15, Hag00, Hel11, JN10, KO13, LS12b, LWZ13, MHS98, NV98, Ste99, Str95, SJ14, TT96a, VVM12, Vir07, WS15, XEG06, YR98, Yav98, Yun03, YK03, ZW03, BD93, BZ93, BR95, Gar96]. Singularities [CKS01, CWZ07, XEG06]. Singularity [Li94]. Singularly [LLS13, MM13, OW98, ST00, WO98, XY12]. Sinks [WLE+00]. SIRT [EHN12]. SISC [Lan12]. SISO [DSZ13]. Sivashinsky [APS12]. Size [BBC07, HS05a, Man99, CMV97]. Skeletal [RDP08]. Skeletonization [HG12, MB15]. Skew [BGLY05, BGL06a, DLP05, Gas13, JK10, MW01]. Skew-Hamiltonian [MW01]. Skew-Hamiltonian/Hermitian [MW01]. Skew-Hermitian [BGLY05, BGL06a]. Skew-Radial [JK10]. Skew-Symmetric [DLP05, Gas13]. Skinny [CGHT14]. Slab [AHT12]. Slant [GV09]. Slater [ISS06]. Slender [RS03]. Slip [BH00b]. Slit [Ama98, HT09]. Slope [MB13]. Sloppiness [vLH14]. Slow [LSU11]. Slowly [KKV13]. Small [AIL05, AILP07, BM95b, Bre00, BRW10, DW94, KL94, May08, MT97b, RW06, Ste11]. Small-Sample [KL94]. Smallest [BS05e, JN10, MB99]. Smith [Pen00]. Smoluchowski [FL04, MBN10]. Smolyak [CM13]. Smooth [AHH06, BV98, CZK15b, Cho05, Hel11, Atk94]. Smoothed [BFM+04, BMM+10, BOPGF06, DMM+10a, Gon15, Po09, ST08, TY11, TY15]. Smoother [GNOR14]. Smoothers [BFKY11, LDM00, Yav93]. Smoothing [BGMR01, FJP99, HPA08, JK11, LNS96, Ng94, RG98, TGC94, Woo94, Yav96, ZH94, Ena97, Gu93]. Smoothness [MKRK13, SCDM+10, vSRV11]. Smoothness-Increasing [MKRK13, vSRV11]. Snapshot [IW14]. Sobolev [JK08]. SODEs [BRW10]. Software [AS94, EM96, ...]
HML$^+$04, KMRW97, LKvBW10.

**Software-Based** [LKvBW10]. **Soil** [BLS14]. **Solid** [ASZ07, BK00b, BCG+10, KZ15, LHL12, PRS12]. **Solidifying** [KVMK01].

**Solids** [CG96, Tra95]. **Solitons** [LC05b]. **Solution** [BLS14]. **Soluble** [KVMK01]. **Solubility** [CG95]. **Solvation** [BZ10].

**Solver** [AAII98, AIV98, AMT10, BDJ97, BB96b, BBT11, BH08, BHT11, BT13, BW96, BMMT14, BP06, CLW13, CH09a, CJH11, CZ10, CS96, CM00b, CHM02, DY06, DLY14, DN13, DH01, DjlZ96, DK03, EBR00, Ehr98, El97, EPL95, FMP06, FJP+11, FKW13, Gar97, GS97, HHE10, HZ10, Hol99, HWV95, HC98, HY10, HW09, IM97, JX13, KL13a, Kra09, KW10b, LV98, LCH09, LZ13a, MK00, Meu11, MMN00, Moo00, Mu99, NWY10, Nvd00, Öko05, PE00, PL12, Puy08, RMI, SV08, SV11, SO10, VP10, WLX+13, Wi08, YCZ13, YDF97, YTL11, Yu01, ZLT13, Zha97, ZJC12, ZW03, CW97, LK94, MT97a, PSB+06].

**Some** [AA13, BF01, BM10, BDK98, BT00b, Cho01, Chr09, Gar00, GH02, Hue93, Jie99, Man95, MS04, Mic01, Moo00, OL98, PABG11, RST93, Sun93, XQ94, DG95].
Sonic [BD99b]. SOR [BD05, DB98, GKIb, RWA95, XA99, Xie05, Yav96]. Sound [CC98]. Source [AGH00, CGK13, GHR12, GHR13, HR99a, HCHS13, JW05, SX11, WKM+07]. Sources [AKM+13, KBV09, WLE+00]. Space [BK99, BC09a, Ber95b, BP13b, BRZ14, BDE08, BTWG08, Bur97, BHK12, CPW15, CMS94, CHO12, CMM96, CCG14b, Day98, Dk00, DJT08, DTO0, DW15b, DMD+12, DB07, EKSW15, FDE+06, FMB13, GS98a, GOV06, GMPZ06, HP14, HHW00, HV95, HC98, HHLW15, KV12b, KS14, Kye12, Leh15, Moo00, NHSS13, NXS11, PBC05, RF10, SV08a, Str94, TY08, TW05, WMC12, WB12, WGT14, YTL11i, Yan14, Yu01, ZK14a, ZZ04, ZSpH14, ZLTA15, AE95, WMC11]. Space-Filling [GMPZ06]. Space-Fractional [DW15b, WB12, ZK14a]. Space-Invariant [BDE08]. Space-Time [BC09a, CHO12, CMM96, CCG14b, EKSW15, FMB13, GS98a, GOV06, HP14, HV95, KS14, Kye12, Leh15, SV08a, Yan14, Yu01, ZLTA15, WGT14]. Space-Times [RF10]. Space-Transformation [HC98]. Spaced [Har11]. Spaces [MS13, MNvST13, PF12, PV08, QZ12, WI12b, YZ05]. SPAI [JZ13]. Spalart [DHE13]. Spanning [PP97]. Sparse [AKA13a, AGL10, AKA13b, AA14, ADL+12, APC04, BK07, BB08a, BGM13, BM95a, BMT06, BT98, BT00a, BT03c, BNP15, BAS09, Bit99, BC13, Bör09, BV09, BS99b, BT99, BGM01, BCM03, BG12, But13, CS99, CCA03, tVCA10, CS08, Choi00, CLN12, CV98, CKLN08, CF98, DS00, DL05, FS11, GN14, GL13s, GG05, GSG98, GHS+15, GOV06, GD07, GBDD10, GH07, HKK+13, HHL15, HC05, HK00, HP94, HRS10, HWS05, HV07, JFG15, JZ13, JP08, KMS14, KHW+14, KM12, LSW02, LOSZ07, Lee13a, LSC03, LYL+11, MW01, MW13, NK15, NJ14, OAH93, PZZB15, Pen00, RT10, Ros15, RS99, Ruh98, Saa96, SZ99, SS99, SY10b, SY12, Sun96, SX11, TW03, TB99b, UA04, UA07, VM13, WZ03, WYGZ10, Xia13, XZ14, Yan94, Yn09, YB09, ZGA10, ZTRK14, AS93, AMB+94, BZ96]. sparse [EL93, MH95, MS93b, NP93b, PS93, Rag95, RG94, Rot96, Sch93, MG09]. Sparse-Approximate-Inverse [MG09]. Sparse-Grid [BvW09]. Sparse-Sparse [CS98]. Sparsification [APSG14]. Sparsified [TY15]. Sparsity [BL08b, Cho00]. Spartan [Hri03, Hri05]. Spatial [AD06, Boz09, CMM+07, CLAT10, JV96, KKP14, MTM08, Min02, RP08, WP98, Zin13]. Spatially [AK04, BLMR02, CCA03, NO98, NNH99]. Spatiotemporal [LC05b]. SPD [GRT05, SIS96]. SDPs [ZRK15, ZK15, BAS09]. Special [Bal00, Ben13, Ben15, CVW06, Elm98, Elm00, GWE04, GL07, JKR08, KY14, Tun10, TBC++11, Vas07, Wan01]. SPECT [LJ08]. Spectra [LW97, Mön08, VR14, BW93]. Spectral [BDD+97, BT03a, BJ03, BS05e, BG98, BK00a, BK10, Bja95, Bla97, Bla98, BIA99, Bru15, BOPGF06, CGQ10, CG99, CD03, CGG07, Cas97, CCS07, CFH+03, Che05, CCO11, CEO11, CF05, CG07, CCH11, CR13, DJT08, DAE02, FTY15, FMRR13, FS02, FW97, GKL1a, Gas13, GP99, GM14a, GRT05, GRMS09, GN07, HO03, HNS08, HL95, HT00, KG14, MC09, MW08b, NH13, NN03, Ols07, PKD13, Pau98, PZPR07, PWZ10, SDNL10, She99, SY10b, SY12, SF08, SJD14, TW12, TT06, TLE12, WG00, ZK14a, ZK14b, ZCK14, ZLTA15, vEv07, vHBT12, Lie93, MMPP03, Nat95, Nat97, She94, She95, She97, Tan93, BT97]. Spectral-Galerkin [DAE02, She99, She94, She95, She97, BT97]. Spectrally [BW15, CBB12, JLI13]. Spectrum [AK15, BS06a, GKO3, ZB12, Gut00]. speed [DS95b]. Sphere [BL07b, CF97, DLT06, ES00, FF05, FP07, GPS12, Lay03, LS00,
RLM⁺₀₀, TDTF₀₃, WL₁₁, Wan₁₃, YCC₁₀].

Spherical
[AA₀₀, BLS₀₆, BN₀₀, FF₀₅, For₉₅, GV₁₃, KMS₁₅, Li₉₉, MK₀₈, RT₀₅, She₉₉]. Spin
[BL₀₈a, CBDW₁₅]. Spin-₁ [BL₀₈a]. Spliner
[AG₁₀, BF₉₅, BFK₀₅, BF₀₆, Bt₉₉, BB₁₅c, LS₀₀, MS₀₇d, N₉₉, Red₉₉, Sm₉₅, TG₉₉, TV₉₈b, Bia₉₉, HHRV₉₃]. Splines
[BL₀₆, HHL₀₇, LS₉₄, LZ₁₃b, Woo₀₄, AE₉₅, Gu₉₃]. Split
[BAFF₀₀, HJMS₀₇, Lee₁₃a, LK₁₅]. Split-Step [HJMS₀₇]. Splitting
[BA₀₅, BQQ₀₈, BGLY₀₅, BGL₀₆, BJ₀₃, BS₀₀, BCM₁₁, CGGS₁₅, CZK₁₅b, CFSZ₀₈, CLST₀₃, CDB₁₃, CJK₁₀, CJ₁₅, DJT₀₈, DMD⁺₁₂, EO₁₅, HL₀₉, KQW₀₄, LL₀₀, Sha₀₃, WL₀₇, YHS₀₇, Yun₀₃]. Splittings [JP₉₅, MPRW₉₈]. Spray
[BCM₁₅a]. Spread [BNP₁₅]. Spreading [Ros₉₆]. Spring
[CJ₀₉, LP₀₃]. Spring-Mass [LP₀₃]. SQP [PBC₀₅].

Square
[AKA₁₃a, FCZE₁₄, GGM₀₁, MT₉₇b, RW₀₆]. Squared [CCG₁₄a, Gro₀₂]. Squares
[AMMR₁₀, AMM⁺₁₀, AMM⁺₁₁, ABM⁺₁₃, AV₁₄, AD₁₅, AMT₁₀, BLH₀₂, BGM₁₃, BT₀₃c, BS₉₉b, BW₉₆, BKMM₁₀, BLM₀₃, BMTM₁₄, CLMM₀₀a, CLM₀₀b, CPV₉₅, Car₁₀, CAS₁₁, DMM₀₀₄, DMM₀₅, DG₉₈, EHS⁺₀₇, FMM₉₈, FGH₀₉, FS₁₁, FNB₀₆, GKK₁₅, HLM₀₆, HL₉⁺₀₉, HY₁₀, HY₁₄, KMS₁₅, LMMR₀₀, LFB₁₃, Lee₁₄, LM₁₅, LRS₀₂, LD₁₁, NP₁₄, PE₀₀, QQQP₉₉, Sta₀₀, Str₀₉, TZ₁₄, TBO₁₀, Wat₀₈, You₀₄, ZWZ⁺₁₃, ZNX₁₄, dMJHM₀₀, ten₉₅, BR₉₅, Dax₀₉, NP₀₆]. Squaring [AMH₁₂, SDR₁₅].

Stability
[AD₀₇, AW₁₁, AP₀₃, ACF₀₉, BYK₀₅, BM₁₀a, BM₁₀b, COZ₉₆, CH₀₈a, CKL₁₁, CF₀₉, CS₁₀c, DSB₀₉, DP₀₇, DHE₁₃, DR₁₃, FCF₁₄, HP₉₄, Hij₀₉, HV₀₄, IM₀₇, Ket₀₈, KP₀₇, LPR₀₈, LC₀₅b, MR₀₂, NH₁₂, OB₀₈, RP₀₁, Ros₁₅, Sch₀₅, SZZ₀₇, SN₀₈, Str₀₃, WL₀₈, WGT₁₂]. Stability-Corrected [DR₁₃].

Stability-Preserving [Ket₀₈]. Stabilization [BBSW₁₅, BSSW₁₃, BS₀₆b, LNP₁₅, LR₁₂, ZHS₁₀]. Stabilized [AVZ₁₃, BH₁₄a, BM₁₁, BGBS₀₄, BCLT₁₅, BBKT₁₅, BL₀₇b, BRBT₁₂, Bur₁₃, Bur₁₄, BCM₁₅b, CS₁₄, EHS⁺₀₇, Gar₉₇, KS₉₉, SV₀₃, ZS₀₂]. Stabilizing [CD₀₆, VW₉₈]. Stable
[Abg₀₉, AB₀₄⁺₀₄, BN₀₈a, BS₀₅d, BHT₁₁, BDK₁₂, CGGS₁₅, CWX₁₅, DM₁₃a, DKM₁₄b, FM₁₂, FP₀₇, FLF₁₁, GM₉₉, HT₁₄b, Hel₁₁, Hes₀₉₈, HT₀₀, JL₁₁, KG₁₄, KM₁₂, LW₁₂a, LLHF₁₃, MC₁₀, NH₁₃, NS₀₆, PJ₀₆, SY₁₄, SO₀₉, TKCC₁₃, WM₀₅, ZK₁₅, HG₀₆, Hes₀₉₇]. Stage
[BCG⁺₁₀, OS₉₈, SW₀₉]. Staggered
[GHTW₀₀, MV₀₉]. Standard
[CPW₁₅, FKTW₁₀]. Star [GTMP₀₇]. Starting [YC₉₉]. State
[BD₀₄, Bla₀₃, BK₀₀b, CDG⁺₀₉, Day₀₈, DD₀₀, Elm₀₉₉, FL₀₂, Går₀₉, HS₀₆b, Haz₀₈b, HLLM₁₅, JSPC₉₇, KH₁₄, KLW₀₂, LWG₁₀, LXX₀₈, MV₀₆, Pet₀₅, PS₁₂, QS₁₄, Str₀₀b, WG₁₂].

States [BL₀₈a]. Static
[ADGP₀₇, GDL₀₇, HH₁₁, VP₁₄, ALZ₁₄]. Stationary
[CCF₁₄, DN₉₇, FGM₀₈, Gro₀₂, LL₉₈, PE⁺₁₄, RW₁₃, RL₁₃, Sar₀₉₈, SK₀₅].

Statistic [CPT₀₅]. Statistical [BEG⁺₀₈, BF₁₃, BFI₀₇, GGG⁺₀₄a, KL₀₉₄, KL₉₈₉, LX₀₈, Lee₁₃a, LWG₁₀, MWB₁₂₉, TW₉₆]. Steady
[Abg₀₉, BLH₀₂, BW₁₁, BG₀₅b, BK₀₀b, CC₁₂a, CDG⁺₀₉, DD₀₀, Elm₀₉₉, FL₀₂, Går₀₉, HLLM₁₅, Hun₀ₙ₉, JSPC₉₇, KLW₀₂, JL₉₈, Pet₀₅, PS₁₂, Str₀₀b, TNL₁₄, Wu₀₉, LK₉₃, MMPR₀₉₃].

Steady-State
[CDG⁺₁₀, DD₀₀, Elm₀₉₉, Går₀₉, HLLM₁₅, KLW₀₂, PS₁₂, Str₀₀b].

Stefan
[BH₁₁]. Steiner [EÜ₀₉]. Steklov
[Nat₉₅, Nat₀₇]. Stellarator
[HB₁₄].

Stencil
[KP₀₉a, LGH⁺₁₃, MHL⁺₁₅]. Stencil-Aware [LGH⁺₁₃]. Stencils
[GV₁₅, IT₀₉b, LLHF₁₃].

Step
[AP₁₄, Bar₉₉, BCF₁₃, BFK₀₅, BBC₀₇, CFR₀₅, Cas₀₅, CGK₁₃, CS₁₀c, CLST₀₃, CS₁₀, GASSS₀₈, GV₀₉, GM₁₁, HS₀₅a,
HLW00, HJMS07, HLZ13, Jah04, KW15, LHL12, LNP15, SB13, AMN15, CSS93a.  
Stepping [CS10b, DG09, EJL03, GGS08, GMM15, KT05, KGGS10, KR11, Li10, QZT11, SNB08, LK93].  
Stepsizes [BLR99, BB02, KW10a, RW06].  
Stepsize [HS97].  
Stepwise [AdVC00].  
Stewartson [KR11].  
Stiefel [BL99].  
Stiff [AC08, AVZ13, BJ01, EJL03, GK03, HG98, HR99a, KT05, KW15, KR12, LG97, LT14, OB05, RSW10, JS93, Pen93, Ver94].  
Stirred [BK04].  
Stochastic [AE08, AC08, ACVZ12, AVZ13, BCT07, BBP13, BRW10, BB02, BL07, BDW11, CJK15a, DMM14a, CCG14b, CVE13, DNP+04, EW00, EFH10, EPSU09, FS12, FS13, GH95b, GY11b, GM98, GLM15, GM11, GJ13, HX15, IP06, IT09b, JL03, JCL07, KK13, KS11, KHRB13, Kue12, LRD+04, LT12, MS07d, MW08a, Man05, MWB12, MW03, MNST13, MT97b, MT06, Mis01, MS07e, NX12, NJ14, NGX14, OL98, PW12, PSLG14, PM14a, PP12b, QS08a, RW06, RKVdDA14, RV10, SDNL10, SB13, TLM14, TVA02, TLE12, U110, UEE12, V114, WXK04, WGT14, WRB+15, W12a, W112b, WFP15, XK02, YG15, ZRTK12, ZFwCW15, ZCP06, ZFZ14, Zy11, vdDA12].  
Stochastically [HGPM14].  
Stockwell [W09].  
Stokes [HLM15, XZ10, ABS96, ALC10, BH00b, BBSW15, BWV15, BBG04, BSSW13, BL07a, BW11, Ber97, BT13, BCM15b, CLMM06b, CW07, CGP12, CP13, DG98, DLZT05, DHE13, ES96, Elm99, EHS+07, Ena97, FF05, FGM08, GH13, GNOR14, GP99, GRL10, GRS+15, GHST98, GW98, GK08, GO09, HG96, Hes97, Hes98, HLM+09, HS00, JL11, JVG12, JK05, JK00, KS99, KLM02, KL05, KW07, KGGS10, KLM06, KL10, KOV15, LW12a, LHL12, LLP98, LL97, LL03a, LL00, LCW95, LLM08, LRT11, Lui01, MPPR93, MP08, NSK10, OR02, Pav98, PT01, PP08b, PRR05, PM95, PS12, RW11, RG09, SS98, SWT00, Sma01, SU15, SS95, TLLK09, TPK99, VY09, WYY09, WYY11, YSZ14, dV010].  
Stokes-Type [GO09].  
Stokeslets [Cor01].  
Stopping [AGL13, BhvST14, BR05b, EV13, FS08, JSV10, Mar01].  
Storage [CF07, Ket08, KMSM14, LW14, GY03, RLG98, War13, WM11].  
Strategies [BW01, FSG10, MS07b, MOKS12, May05, MM95, MMV98, RWH14, SvdV10, WAb05, WZ03, vdVY00, Wat94].  
Strategy [CGDD11, DMD+12, HR99c, HGPM14, MS07a, O11, QZT11, VVM12, dDB14, vdHC15].  
Stream [AH12, Kup01, PM95].  
Stream-Type [GO09].  
Strengthened [LLZ09].  
Stretching [AO14, GP99, Mint02].  
String [WS07].  
Strip [QSV06].  
Strips [Coa12].  
Strong [CS10c, GE96, KM11, Ket08, WGT14].  
Strong-Stability-Preserving [CS10c].  
Strongly [MSM14, V03].  
Structured [BTB05, BT00b, CTB15, RM10, SP02, Sma97, EL93].  
Structurally [HK00].  
Structure [ACF09, BQQ08, BC10, BB15a, CTB15, CDFQ11, DLY14, DJP00, HLM03, Hy07, Jay98, KV05, KPS14, LQR12, LNC05, LYL+11, LXK08, MKMW15, MW01, MTM08, NV08, PE00, PV11, RW13, Rub12, WMUZ13, ZZFW14, vBD105].  
Structure-Preserving [HLM03, MW01].  
Structured [BD05, CDY07b, CJ09, CX08, EZ11, FNB06, GLN14, GG03, HG12, KKT13, KKS13, KKF11, KS11, Kim08, LE10, LYL+11, PS11b, RNL07, Ros15, VM13, X1a13, ZJC12, ZWZ+13, Zie12].  
Structures [B06, GMG01, GMPZ06, RAB+14, RO06, Saa03, SS12, TW96, WLX+13, YPN+01].  
Studies [BB13, BMK97, RLG98, YTD15, ZD09].  
Study [APS12, AHT12, ACD95, BJM03, BK04, BCR99, CHR99, CGAD95, CHK03,}
DARG13, EP06, GK00, GRT05, GK05, KB08, Kup08, LZ04, OL98, Pic10, PABG11, Ros05b, Ste01]. **Studying** [EW00]. **Sturm** [AF15, Bou01, LV10, ZAK15]. **Style** [FS9V08b, ZK14c]. **Subcube** [CG93]. **Subdeterminants** [IMS96]. **Subdiffusion** [CLAT10, ZLLT13, ZLLT15]. **Subdivision** [CWD13, HOY03]. **Subgridscale** [Lay96]. **Subiteration** [vBdB05]. **Subject** [LX12, LQX14, AE95]. **Sublinear** [VL10]. **Subproblems** [HD15]. **Subset** [CBCR14]. **Subspace** [BM01a, BCL99, CKD13, CCSY98, CPS11, CD14, CDW14a, CDW14b, DLZ10, EEO01, GY02, GOS12, Gu15, KdS05, KSU14, LMRS15, LWZ13, LR98, OW00, PS02, SW01, SS03, Sta97, VP11, Wal99, WYGZ10, ZYSL15, vNLB04, vdVY00, Wei94]. **Subspaces** [BDF08, DDF00, DKZ09, KA95, PdSM+06, XKZ95]. **Substantial** [CD15b]. **Substructuring** [BL04b, Doh03, HS99b, Sta97, YGB+05, Smi93]. **Subsurface** [FK97, Sta00]. **Subtraction** [WKM+07]. **Successive** [GB98, Mit08, WZ03, YJ13]. **Suite** [SR97]. **Sum** [ACO98, ACCO00, ORO05, dMHJM00]. **Sum-of-Squares** [dMHJM00]. **Summation** [And99, BC02, CWA14, DH03, HZ11, MC12, NIE06, PS03, RO008a, RO008b, Rum09, YZ05, ZH09, Hig93]. **Summation-By-Parts** [HZ11]. **Sums** [BGM09, KW11, PPT11, dBMZ11]. **Super** [Jay98]. **Superalgebraic** [BH07]. **Superblock** [CWC08]. **Supercharging** [AMT10]. **Supercompact** [BW00]. **supercomputer** [Kor93]. **Superconductors** [DG99]. **Superconvergence** [DK98, HXB11, WCHZ14, Yam02, ZN05]. **Superconvergent** [BFK05, EM99, HZ11, LD03, PJ96, VC00]. **Superlinear** [CDH98]. **supernodal** [NP93a]. **Supernodes** [JFG15]. **Superoptimal** [DEC05]. **Superparallel** [MK93]. **Superposition** [Gar00]. **Supersensitivity** [GK00]. **supersonic** [LL94]. **Supply** [CPR11, FGH+08]. **Support** [COS06, EZ11]. **Supported** [Pla15]. **Surfaces** [AKS05, AHH06, AD+15, BN08a, BTGH12, CH09a, CFM96, DGP10, GPK04, GKM04b, HA08, KCZ15, Kös07, LTC13, LL97, LL03, MG11, MCT+05, MT99, RS13, SV08b, SO09, TK13, WkZ15]. **Surrogate** [CGDD11, LX14, RS13, vdHCD15]. **Surrogates** [LM14a, YGC+96]. **SVD** [BP97b, Hoc01, NH13, Nov15, OT09, VW94, WS15]. **SVD-Based** [VW94]. **Sweeping** [ALZ14, BM10, PELY13, ZCL+11]. **Swelling** [WFAP15]. **Swimmers** [GHK14]. **Switching** [HFL11, KL00b]. **Syzygy** [BDP96]. **Symbolic** [GDL07]. **Symm** [CP05]. **Symmetric** [ARMNW10, ADK03, AH04, AT15, BF01, BOR97, BGM13, BDvdG05, BS96b, ÇAK11, CC98, CPS11, DLP05, DMPV08, DJLZ96, FEM08, FS08, GPP95, GWM03, Gas13, GY02, HSO0a, Hag02, HLD12, HJS99, JFG10, JLF08, KST14, ZJ99b, LS13b, LS03, MV00, MRV06, MB99, May08, MCL95, NH13, Nat98, Ng00, Oet99, SLvdG14, SK05, TD99, VK13, VSS14, XYG001, ZLG98, FS96, Lau95, LL93, LZ94, MS93b, Tre97, WM93, YL93]. **symmetries** [ALT93]. **Symmetry** [CCSY98, MMT15, SLvdG14, SA97, EK93, WAS94]. **SYMMLQ** [Dui98]. **Symplectic** [BCF01, Ben01, BCR99, KLS+15, Man05, MC07, MMV13, SJS97, CS93a, CS93b, LMSS97]. **Symplecticity** [LXL11]. **Symplecticity-Preserving** [LXL11]. **Synchronization** [AD07]. **System** [AK09, AMMR10, AMM+10, AMM+11, ABM+13, AV14, BCI98, BS05d, BDZ13,
BLM03, CCM05, CLMM00a, CLMM00b, CLPS03, CLP08, CF05, CQ11, DY06, EGKS94, FV06, FMM98, Gär09, Hij95, Kim08, KLJ10, LMRR00, MKG10, MR01, MPS09, PS08, Rav02, Rav05, RGG06, Scb05, SBN11, SV11, TKCC13, WS95, XBC96, ZGA10, BK14, McG95]. Systematic [XW05]. Systems [AM04, AKK14, AH09, AKPR808, AR99, AL99b, ATK12, AK04, BGLY05, BS05a, BK98, BK99, BPR04, BvG15, BB08a, BM01a, BddSM11, BMB11, BGLM13, BCF01, BSSW13, BM50a, BT98, Ber00a, BPR99, BLO7b, BCP15, BB03, BR09, BPR13, BS96b, Boz09, Br99, BC99, BHP98, BCM93, BC99, BHH05, BEPW98, CS99, CGL+13, CSS10, CB98, CGG07, CJH11, Cas05, CPPR12, CS96, CCS98, CN99, Che08, CPS11, CDY07b, CBWD15, CW12, CVE13, CD06, DM13a, DLY14, DB98, DH01, DRFNP07, DB94, DS14, DGSW10, Elm98, Elm00, Ema10, FSDV98a, FT03, FDE+06, FG98, GDL14, GGOY02, GNL14, GRT05, GRS+15, GR04, GW98, GG03, GG05, GKK10, Gv98, Gri94, GP95, GSW13, GW00, HR05, HS06a, Hogan00, HTHM15, Har11, HJ07, HSS08, Her08, HZ10]. Systems [HP94, HHW00, HG12, HLS98, HEGH14, HScTP04, JFG10, JZ13, JW05, Jou94, KGM+08, Kas95, KP12a, Kea97, KLR98, KBK+08, KL13, KSB11, KMR01, K0904, Lab05, LM00, LV98, LVI3, LNP+07, LUS11, Lee09, LM15, LPR02, LN05, LPR98, LN03, LMMW04, LNA+11, MB02, MRT00, MS14, Men11, MW13, MO05, Moe00, MGW00, Nat98, NP08, NS03, NM13, OD12, PdSM+06, PW15, PW98, Pet09a, PS01, Rah96, RG07, RS10, RM08a, RT99, S999, SS99, SBBK13, ST08, ST14b, SH07, SE11, SG95, Sma04, Smi97, SG04, SGG08, SC98, Sta94, SO10, Sun95, TSST08, TT07, Ton94, Tor12, TS14, VC00, VM13, VK13, VSS14, VTD12, WLAN+13, WTWB09, WSH14, Xau04, Yan94, YDF97, YP98, Zha97, dDBV14, dSL05, AS93, AM95, AP93, BHP94, CGP93]. systems [CN93, CT94, CGS+94, CC96, CW97, CMV97, Fre93, Gre93, JS93, JS93, Yu93]. systolic [BPT93].

Tables [CWG10]. Tackling [KSD10]. Tail [IM98]. Taking [MM98]. Taksar [DS96].

Tall [CGT14]. Tangent [ZZ04, ZS14]. Tangential [MRSS14]. Tangentially [BM11]. Target [HWS05]. Task [ABC+14].

Task-Based [ABC+14]. Taxonomy [BBGS04]. Taylor [Bar05, Hei13, Kup98, SIDR15]. Tearing [L05Z07]. Techniques [CN93, CT94, CGS94, CC96, CW97, CMV97, Fre93, Gre93, JS93].

systolic [BPT93].

Tables [CWG10]. Tackling [KSD10]. Tail [IM98]. Taking [MM98]. Taksar [DS96].

Tall [CGT14]. Tangent [ZZ04, ZS14]. Tangential [MRSS14]. Tangentially [BM11]. Target [HWS05]. Task [ABC+14].

Task-Based [ABC+14]. Taxonomy [BBGS04]. Taylor [Bar05, Hei13, Kup98, SIDR15]. Tearing [L05Z07]. Techniques [CN93, CT94, CGS94, CC96, CW97, CMV97, Fre93, Gre93, JS93].

systolic [BPT93].

Tables [CWG10]. Tackling [KSD10]. Tail [IM98]. Taking [MM98]. Taksar [DS96].

Tall [CGT14]. Tangent [ZZ04, ZS14]. Tangential [MRSS14]. Tangentially [BM11]. Target [HWS05]. Task [ABC+14].

Task-Based [ABC+14]. Taxonomy [BBGS04]. Taylor [Bar05, Hei13, Kup98, SIDR15]. Tearing [L05Z07]. Techniques [CN93, CT94, CGS94, CC96, CW97, CMV97, Fre93, Gre93, JS93].

systolic [BPT93].
Tessellations [DGJ03, DW05b]. Test [CPT05, Han95, JL03, JL05a, Lin06, LW03].
Testing [WRB+15]. Tests [LSW02].
Tether [TP09]. Tetrahedra
[Ber00b, DK98, PC98]. Tetrahedral
[AMP00, Ber98b, PC98]. Tetrahedralization [Wal13].
Tetrahedron [Ong94]. Textbook [BSA13].
Texture [BEG+08]. th [PP12b]. Their
[CH02, DW05b, GK03, GPS12, LS94, LL00, MC94, PP13, ST00, CC96, DG95, DG99,
GM00b, SHP07, WTS94]. Themes [KY14].
Theorems [ET01, LV98]. Theoretical
[CGAD95, Wan07a, Ber97]. Theories
[HSF07]. Theory [BGL08, BEG+08, BM10a,
BH07, CXY10, CFM96, CDW14a, CDW14b,
FGMP14b, FCF14, KKP14, LW12b, LY13,
NKLW94, Rub12, SS03, UWY+15, WL13,
dSL05, CW93, ED95]. Theory-Based
[KKP14]. Therapy [CDM+13]. Thermal
[BST08, DSB99, MR04, PKR+13, Rav02].
Thermally [IR98]. Thermoacoustic
[CK07]. Thermodynamic [BV05]. Thick
[Lee10a, SSW98]. Thin
[AA00, KWW13, LS94, Lee10a, LS12b].
Third
[ABMR11, AS06, Ca07, KL00a, LY14, SC02].
Third-Order [KL00a]. Thomas [Ain07].
Thousands [BT03b]. Three
[AILP07, AA02, Aru12, BBSW94, BBKT15,
Beu05, BBC07, BBMR03, BKS13, BCM15b,
CJ95, CGM00b, DK03, EZ11, EdDP09,
FK00b, GJ08, GKC13, GGL+98, GGLT00,
GB06b, GV98, GM96, HHMS15, HM98,
HRT03, HRT13, HC98, HSW08, Hun95,
Hum96, HGPM14, Joe95, KL10, KR06,
KS15a, LCA08, Leh15, MV09, MLL13,
MZ94, MNN00, Mocoo, NKLW94, NMA11,
Ong97, PV08, PWZ10, Pec12, Pet99b, PP13,
RR98, RG98, RWWK15, RDP08, Sch02,
Shal2, SWT00, Tsy99, Tu07, Ush01, WO98,
Wen10, WO01, WZ15, XW05, ZW03, Cai93,
ED95, Sml93, SS93b]. Three-Dimensional
[AILP07, Aru12, BBSW94, CJ95, CGM00b,
EdDP09, GJ08, GKC13, GGL+98, GB06b,
GV98, HHMS15, HM98, HRT03, HRT13,
HC98, HSW08, Hun95, Hnm96, Joe95, KL10,
KR06, KS15a, LCA08, MV09, MZ94,
MNN00, NKLW94, NMA11, Pet99b, PP13,
RDP08, Sch02, Tsy99, Ush01, WO98, XW05,
ED95]. Three-Field [BBKT15, RWKK15].
Three-Grid [WO01]. Three-Level [Tu07].
Three-Term [RG98]. Threshold
[MOKS12]. Threshold-based [MOKS12].
Thresholding [TW13a]. Through-Casing
[PDTVM08]. TIGER [Wal13]. Tikhonov
[CR04, CP15b, FM99, GN14, LI11, KHE07,
LFB13, OL01, TY08]. Tile [HLD12]. Tiling
[GVP06]. Tilted [BG11]. Time
[AA02, ATK12, AM05, BJM03, BS05c,
BB10, BLR99, BF13, BC09a, BHNPR07,
BCM11, BN13, BBC07, BBT11, CGGGS15,
CB98, CZK15b, CCG14a, CEJ+10, CFR05,
CGAD95, CCM08, CGK13, CGG+14.
CHL06, CWZ07, CHO12, CCH15, CFM96,
CCG14b, CS10b, CDGTO1, DM13a, DD13,
DJT08, DG09, DEP11, DSZ13, DMD+12,
DB07, EKSW15, EDGL12, EJL03, FFK+14,
FTY15, FDE+06, FMB13, GS98a, GV07a,
GJSZ13, GDLS14, GASS98, Gob08, GGS08,
GOV06, GM15, GV90, GW04, GM04,
HS05a, HP14, HW14a, HR98a, HCHS13,
Hor10, HV95, HY14, HLY13, Jah04, JV96,
JSZ13, JZ00, KM97, KT05, KDGS10, KR11,
KL12, KS14, KL00b, Kye12, LDS11, Leh15,
Li10, LLL08, LV14c, LH00, M000, ML11,
MZ94, MVS00, MNZ15, Nor07, PR01, PS01a,
PKR+13, Pat97, PL12, PP12b, PMSB12].
Time [QZT11, QS03, Rav05, RL10, RZ03,
RMC12, RW01, RMD08, RSSZ08, RWX07,
SV08a, SE11, SB08, SB15, SW10b, TW05,
TPW09, YTL11, Yan14, Yu01, ZK14a,
ZLTT13, ZK14c, ZLTT15, ZC10, ZLTA15,
Zim14, LK93, WGT14, MMT15]. Time-
[ZK14a]. Time-Accurate [Zim14].
Time-Changed [ZK14c].
Time-Decoupled [KS14].
Time-Dependent
[ATK12, CB98, CCG14a, LH00, ML11, RZ03, RSSZ08, RWX07, SE11, ZCW10, Nor07].
Time-Domain
[CHL06, DSZ13, HLY13, JZ00, RW01].
Time-Fractional
[ZLLT13, ZLLT15].
Time-Harmonic
[AA02, BB10, BHNPR07, CWZ07, EDGL12, HY14, PL12, RL10].
Time-Marching
[KM97].
Time-Parallel
[GV07a].
Time-Periodic
[GJSZ13, KL12, PMSB12].
Time-Reversible
[BLR99, KL00b].
Time-Space
[YTLI11].
Time-Splitting
[BJM03, BS05c, CGGGS15, CZK15b].
Time-Step
[CFR05].
Time-Step-Size-Independent
[BBC07].
Time-Stepping
[EJL03, GGS08, GMM15, KT05, KGGS10, KR11, QZT11].
Timely
[BT97, Cas97, Den97b, SA97].
Times
[RF10, PKNS14].
Timestep
[SMN10].
Timestepping
[GB06a, HS06b, JL03, JL05a].
Tissue
[PVV11].
Titanium
[GY06].
Toda
[Nak98].
Toeplitz
[BW93, CN93, CT94, CC96, CCS98, Di 95, Di 97, EK10, FS96, HO96a, HSCPT04, Jin95, KKT13, LPS10, LNC05, MV00, MB09, Nag03, Nag00, NSJ03, NP10, NP14, NCV06, PKNS14, PE00, PS01, Tre93, Tre97].
Toeplitz-circulant
[CC96].
Toeplitz-plus-band
[CN93].
Toeplitz-plus-Diagonal
[NP10].
Tolerant
[HHLS15].
Tomography
[BU15, CILZ15, CK07, HKK+13, HMM15, IJ08, KdS05, KLS08, RBH06, SBK13, SKMF15, WB08a, WPL+13, dSK11, vdDA12].
Tomosynthesis
[BNFS13].
Tool
[BA05, VR14].
Toolkit
[LNA+11].
Tools
[KMA+12].
Tooth
[RK07].
Topographic
[GH14].
Topography
[GN07, MSS12].
Topological
[BRZ14, BB09, KLST06].
Topology
[CWD13, GHHK15, WB08a].
Tori
[DB94, HKM97].
Toroidal
[SLO13].
Toro{	extasciitilde}
AH06, ACCP13, BH14a, BGL08, BSS09,
BP13b, BBM+08, BLM03, BJ08, CMM+07,
CLTX15, DMML05, DJP00, FHL13, Fro12,
GJ08, HKF+13, HRT13, HJP04, HJP03,
JP14, Kan03a, KR14, KGM+08, KGM+11,
KMS15, KP12b, Lay06, Lee10a, Lee12, LR12,
MAM+94, OL98, Ros06b, SG11, VY09,
WZET13, MMM95, MMMY96, PCDB96.
Transport-Reaction [HKF+13].
Transportation [BCC+15, PBJ+96].
transpose [Fre93].
transpose-free [Fre93].
Transverse [ZB12].
Trapezoid [LNP15].
Trapezoidal [Alp99, SO15].
Travel [CCH15].
Traveling [LT12].
Traversal [WM11].
Treating [SO09].
Treatment [BH00b, CDM+13, Sch09].
Treatments [CGZ99, DKM14b].
Tree [BG14, CWA14, WMSG09].
Tree-Code [WMSG09].
Treecode [DD12, KW11, MXB15].
Treecodes [GSS00].
Trees [H01].
Transtroff [EKS15].
Triangles [Ber00b, D’A00, DK98, KPP+14].
Triangular [BGLY05, Ber98b, Bol03].
Cao07, FEM98, GGL09, HO15, HP94, Hig95,
Hog13, KT15, Kla99b, Le 01, LNS06,
MKRK13, SC02, WSK99, ZS03, AS93].
Triangularly [vd97].
Triangulated [FJP+11].
Triangulation [CWL+14, DV98, HGPM14, VHGR10].
Triangulations [EÜ09, Joe95, JCZ06, Joe03].
Tridiagonal [DMPV08, DJL96, GWGM03, HKO99,
KL11, LZ99b, Mrv06, Oet99, RT99, AM95,
Lan93, LL93, LZ94].
Trigonometric [KP07, Str00a].
Trilinera [VP10].
Triple [KW15].
Triplets [De 12b, JN10, WS15].
Trivariate [CD15a].
Troubled [QS05a].
Troubled-Cell [QS05a].
True [vdVY00].
Truncated [CD15b, FGHO97, MBVO13].
Truncation [HS08, OC03, VVM92].
Trust [KHRvBW13, KHRvBW14, Pla98, RS02,
WRS08, YMW07, dSK11, Sar97].
Trust-Region [KLRvBW13, KHRvBW14, RS02].
Trust-Regions [WRS08].
TT-Format [OD12].
Tube [AH12, Hun95, LJJ09].
Tubes [TY00].
Tubular [NNRW09].
Tucker [GOS12].
Tumor [BCC+10, HDB08].
Turbulence [BBR04, PH13].
Turbulent [AK15, AABM13, AL07, EAS08, Har11,
TW96, ZC04].
Turning [L03].
TV [GLN09, LRT11].
TVL1 [YZY09].
Twist [BT03a, LF09].
Two [AK09, ABM11, AIL05, AHR12, Atk94, BGL06a, BT06,
BBKK97, BK99, BC10, Bar99, Bar12b,
BCT05, BB15b, BH11, BM01b, Ber95b,
Beu10, Bre00, BKS13, CHR99, CM98b,
CDG03, CGG07, CP97, CGL01, tVCAU10,
CV12, CV15, CC02, CL97, CC93, CJ05a,
CDB13, CST+13, DS00, Dk00, DDO0, DF99,
EG01, EF05, EPV94, Fai03, FV06, FS01,
FL97, Fer98, FCZE14, FK00, FCC10,
FN94, FL08, GJSZ13, GVP06, GGK07,
GK8, GPS95, Gro02, GC97, HHV03,
HS94, HR09c, HLZ13, JVG12, JW05, JK08,
 JP01, KK13, KKP14, KCZ15, KSR13,
KL06, KY14, KS15b, KT08, Kra09, KW15,
KP09b, KM05, LdMV12, LAG14, LL98a,
Le 09, LP08, LG97, Lee13b, LR12, LM15,
Mac98, MAB07, MB13, MN00, ME09,
NH10, NS06, NCV06, PV08, PN13, QS14].
Two [RR03, RRR05, RT01, RR08, RO12,
SWS12, Sha12, SY10a, SY14, SM94, SO09,
TC99, TT13, VC00, VBT99, VMG09, WS07,
WXK04, WDE+99, WL11, WMC12, WB12,
WWM03, WMSG09, WCH14, WGF08,
XBC96, Xu94, Yam02, YTL11, Yu01, ZF14,
ZSP14, Cai93, CSS93a, EOD93, EG93,
El96, LV94, SRC93, SS93b].
Two-Body [MMN00, SS93b].
Two-Body [Kra09, Sha12, CSS93a].
Two-by-Two [BGL06a].
Two-Dimensional [BT06, BBKK97, CBR99, tVCAU10, CC09,
CST+13, DDO0, DF99, FCC10, GPF06,
HR99c, JKP08, JP01, KL06, LL98a, Le 09,
LP08, Mac98, MAB07, MB13, NS06,
PN13, RRR03, RO12, SM94, TC99,
[Sma04]. **Vertex** [BMSV97, CMS94, KPÇA12]. Very [GHS+99, Jam98, LM00, NNRW09]. **Vesicle** [DZ08]. **Vesicles** [KS15a]. **Vessel** [DCSO10].

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**Szusz:2010:LTA**


**Stoyanov:2015:NAF**


**Swarztrauber:2002:CPW**


**Sheu:2000:EEP**


**Schenk:2008:IRP**

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Sun:2011:USB


Sheng:2008:NPS


Shen:2010:PFM


Shen:2010:ESS


Shen:2012:ESS


Shen:2014:DES

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the occasion of his 60th birthday.

**Tumblin:2015:PCH**


**Talischi:2015:FFE**


**Tang:1993:HSM**


**Tausch:1996:EPB**


**Tang:1999:UAF**


**Tolsma:1999:ECS**


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Tartakovskyy:2008:HSR


Tu:2007:TLB


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vanLeeuwen:2014:FDS


Vannieuwenhoven:2013:IIM


Vdvovina:2009:TSS


VanBeeumen:2013:RKM


Vannieuwenhoven:2015:CGO


Valougeorgis:2003:ASD

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Wang:2013:CBE


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Xie:1996:TDC


Xu:2013:EPD


Xenophontos:2006:SFB


Xiu:2005:HOC


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