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**Title word cross-reference**

(1 + 1) [RF10]. (k) [YC99].  
(\(\lambda^2 A + \lambda B + C\)x = b) [SP02]. (m) [WOW00].  
(Re \(\leq 9500\)) [GHTW00]. 1 [GV16, KNV+16, LW03, MMVW13, RMB00, VB07]. 2  
[ABST13, ACD+08b, BWV15, BLS14, BH97, BI09, BK14, CMV97, CD01, KL15, KW07,  
KP06a, Kra09, KNV+16, Lam97, LRP07, LYL+11, LW03, LNS15, MT97a, NN03,  
Sma01, ZNZ16, vVKA11]. 2, 3, 4 [Goe97]. 3  
[BIA99, BIA05, CP13, CWL+14, CDB13,  
CMSS06, CH11, Don06, GH13, GD03, HA01,  
KC16, Kra09, LS12b, LFJS14, Min02,  
PS10b, PWGW12, PELY13, PRSS11, RY03,  
RH06, Sch05, ZCW10]. 5 [Goe97]. 6 [RY03]. 2  
[MW13]. 3 [BOF16]. A

[APSG14, APSG16]. A^{-1} [ADLR15]. \(\alpha\)  
[BFM+04, BMM+10, PR09]. B  
[BGK15, KPP+16]. \(H(\text{div})\) [KLL+16].  
*CH* [Bien+16]. \(c^*A^{-1}b\) [ST11]. \(C^1\)  
[PMH+16, LR99]. \(C^\infty\) [Pla15]. \(\ell\) [SvG10a].  
\(\ell_1\) [CJK10]. \(\ell_0\) [APSG14], \(\ell_1\)  
[GNZC17, NNT13, CJY16, GLN09, YZ11].  
\(\ell_{1-2}\) [YLHX15]. \(\ell_1 - \ell_2\) [YSX17], \(\ell_2\)  
[CXY10], \(\ell_p\) [LMRS15, CXY10]. \(\ell_q\)  
[LMRS15], \(\eta\) [CB98]. \(f(A)b\) [CAS11]. h  
[Ain96, BH12, CDB13, EOD93, GC97,  
HTB+05, DMMO05]. \(H(\text{curl})\)  
[LO11, RKL09]. \(H(\text{div})\)  
[Tal15, KV12b, WWY09, RKL09, WWY11].  
\(H^1\) [JK11]. \(H^2\) [Bör09], \(H_{\text{curl}}\) [JK11].  
\(H_C/E\) [RH09]. \(hp\) [AGH13, FHL13, HXB13,  
DE16, EPR10, GL08, PRS12, PDTVM08].  
I [May08]. \(ILU\) [LSC03, OKLS15]. j
LY13, MG09, NKTY08, ADRS95.

**Acceleration**
[BGOD08, CC03, Gar05, HHSW11, HBS00, LSV13, OW00, RWA95, SO15, VN03].

**Accessible** [KMA^12].

**Accumulation** [BGOD08, CC03, Gar05, HHSW11, HBS00, LSV13, OW00, RWA95, SO15, VN03].

**Accuracy**
[ABMR11, AO07, ABIGG16, AP12, BWV15, BR05, Che05, DH03, Dnm97, DKM14b, EE14, GBCT10, GST12, HG02, HT13a, HLW00, Hen06, JL11, JF16, Kout09, KP05, KM12, KR12, Kye12, LG09, LD16, LFBO08, Luu15, MC10, Nit99, ORO05, PKR^13, ROO08a, ROO08b, Rum09, SL09a, SC02, TB99a, VFB05, WL97, WM05, ZCL^11, ZJC12, ZCP06, Zin14, ZPE12, vWBV09].

**Accuracy-Conserving** [MKRK13, vSRV11].

**Accurate**
[ABMR11, AO07, ABIGG16, AP12, BWV15, BR05, Che05, DH03, Dnm97, DKM14b, EE14, GBCT10, GST12, HG02, HT13a, HLW00, Hen06, JL11, JF16, Kout09, KP05, KM12, KR12, Kye12, LG09, LD16, LFBO08, Luu15, MC10, Nit99, ORO05, PKR^13, ROO08a, ROO08b, Rum09, SL09a, SC02, TB99a, VFB05, WL97, WM05, ZCL^11, ZJC12, ZCP06, Zin14, ZPE12, vWBV09].

**Achieving** [BSA13, Ros05a].

**Acoustic**
[BC06, BS06b, FKTW10, KöS07, Mal07, MZ94, RZ03, SWB16, SMi97, Str99].

**Acoustics** [BHG14, Nat98].

**Across**
[CYVK15, TLLK09, Lay06, LP06].

**Action**
[AMH11, Ber98a].

**Acyclic**
[GTMP07, MZW09].

**Adaptation**
[AFMP15, Che94, DF15, DF10, DEV16, Huo05, RH06, Wal99, WH15].

**Adapted**
[AMP00, CCA03, DZ12, GHK14, Lab05, RHI11].

**Adaption** [MP08].

**Adaptive**
[AB02, AGI10, AMM^11, ABIGG16, AW15, AGL13, AD06, ABI00, BBSV10, BB13, BLH02, BG14, Ban08a, BH00a, BL04a, BO07, BBC^+01, Bas98, BC06, BBSW94, BBC^+16, BC09a, BK06, BS16b, BZ12, BB15c, BB05, Bör07, BFM^+04, BFM^+05, BM^+10, BMV11, BTGH12, BWG11, BH16, CHR99, CSW99, CP03a, CD02, CWZ07, CCCZ10, CKLL16, CVK13, CDB13, CHH10, CM13, CVE13, DMS01, DMM^+08, DM13b, DDGS16, DHJW08, DKPG14, DLZ10, DZ08, DMD^+12, EV13, EHW00, EMT09, FTY15, FL02, FKK^+14, GT98, GB06a, GGS08, GG10, HMM08, HS05a, HBB^+16, HH02, HR99a, Hof05, HEGH14, HJ0, HS01a, HB97, HS94, JH08, JS93, Jah10, JZ08, Jam98, JF11, JG16, JP97, Jou94, JGZ06, KKV13, KGGS10, KV05, KKR16, KRT16, KY05, KHrBV13, Kull2, KPP07, LG97, LMPQ03, LNP15, LS16b].

**Adaptive**
[LM14a, LJL98, Liv15, LT14, Log03a, Log03b, LFLS08, LK04, LR98, Mac98, MS13, MV09, MK08, MRW15, Moo00, MTV16, NKLW94, NJ14, OPB06, OS15, PBP14, PDTVM08, PZZB15, PW15, PP05, PCL^+16, PD15, QZT11, Rav02, Rüd94, SP03, Sdn10, SYZO15, SNB16, Sp11, Ste00, SMN10, Str94, TW12, Ten98, TL12, Tra95, TPW09, TY11, TLE12, WMC11, WCHZ14, WM11, WMUZ13, Yu01, Zasz5, ZJC12, ZAD^+16, ZMS10, ZRK15, Zie12, dVPS^+17, dLRT09, vdDA12, EOD93, FF94, HL97, NP96].

**Adaptive-Krylov** [LT14].

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

**Adaptivity**
[BP13b, CGKM16, CEJ^+10, CPB13, CM99, FDE^+06, Har08, KMW15, MHS98, SV08a, vdZ3B10a, vZ3B10b].

**add** [Goe97].

**Additive** [AP99, BV16, Brem00, CS99, CL11, CCG07, GH99, GC97, HMR09, Jay98, Kra12, KLL^+16, P080, SCGT07, Vǐl14, Wan12, WGT14].

**Adequate** [FH06].

**ADER** [AG10, TM14].

**ADI** [DMM05, TVB98b, ZzSpH14].

**ADI-Like** [DMM05].

**Adiabatic** [Jah04].

**Adjoint**
[ATK12, AHR16, Bou01, CLPS03, CP04, CEJ^+10, CSW14, FHR13, FR10, HTMM15, Sch05, SU15, TW13b, WLE^+00, WMI09, ZS14, Sta97].

**Adjoint-Based**
[ATK12, CSW14, SU15]. Adjoints [HM10a].
Adjusting [Ste02]. Adjustment [CLP08].
ADM [CE17]. advanced [NP93b].
Advantage [MM98]. Advantages [AR99, KB08].
Advection [ADR14, ALLEK15, AHH12, BSMM16, GHH07, GGS08, KG14, LW12b, LSV13, MS98, NN03, PDH09, PH13, SBP04, TM14, WXK04, WDE+99, WLO1, YVB98, ZK14a, Zbi11, ZJC12, ZRKT12, ZTM+16, PCDB96, PW12]. Advection-Diffusion [ADR14, AHH12, GGS08, LSV13, WXK04, WDE+99, ZJC12, ZTM+16].
Advection-Diffusion-Reaction [GHH07, PDH09, SBP04, TM14, WXK04, WDE+99, ZJC12, ZTM+16].
Advection-Dispersion [ALLK15]. advection-dominated [PCDB96].
Advection-Reaction [WL01]. Advective [XCS16].
Advection-Spectral-Mixed [XCS16]. Aeroacoustic [Dor10, RSA05].
Aerodynamic [Har08, HS06b, Haz08a, Haz08b].
Aerodynamics [Tsy99]. Affine [KA95, Kor93]. after [GB98]. Age [BF13].
Agglomeration [JV01]. Aggregation [BFM+08, BMM+10, CM09, Cho05, DMM+08, DMSW10, DMM+10a, FKK+14, GaP08, GV16, JKKM01, KW10b, MN08, Not12, PoH09, ST08, TY11, TY15, DS96].
Aggregation-Based [FFK+14, JKKM01, MN08, Not12].
aggregation-disaggregation [DS96]. ahead [FGN93]. Aided [HOY03]. Airfoil [Yu95]. Aitken [BGOD08]. Aitken-Like [BGOD08].
Algebra [PSA99, RTR+16, LIJ93]. Algebraic [AC05, AS94, AP99, BQQ08, BGL08, BSH16, BS02, BFF+15, BDO12, BFG+16, BGH+03, BSHT08, BGS09, BB+B+11, BB03, BBC07, BF10, BK14, BCF+00, BFM+05, BTB05, BHP98, BK11, CG95, CLPS03, CGL01, CC02, CH02, CS11, ICCVEKV17, CW93, CFH+00, CKK03, DMM004, DMM+10b, De 12b, DM13b, Der08, Doh07, Elm98, Elm00, EN09, FS14, Gar97, GB98, GOS03, GPS95, GW00, HKR02, HR05, HTMM15, HMN+13, HvdG96, HTB+05, JSV10, KKVV13, KY03, Kms01, Kra08, KMRW97, LO11, LB12, Liv15, MO08, MV94, MB00, Mis01, NN12, NN14, NAC+15, Not17, Ols07, OST11, OT11, PRM97, Pul08, RMB01, Sch05, Sch09, SS10a, SH14, VV13, Virt07, WHCX13, WMSG09, WE06, YGB+05, Zas95, BHP94, HTW+12, Lam97, MT97a, Ms93a].
Algebraical [WB99]. Algorithm [AKA13a, AKK14, ALLEK15, AHH15, And99, Ash95, AHHR16, BS99a, BS02, BK98, BK99, BS05b, BS98, BCF01, BI00, BC09a, BK06, BR05b, Boz09, BZ97, BVW03, Bru15, BLNZ95, CZ10, CD15a, CMS94, CC08, CC10, CP03b, CDM+13, CHO12, CP15b, CRL11, CWD13, CSW10, De 12a, DMB3, DZ12, DP07, DFD00, DPV05, DTV13, DGLW16, EW00, EBSS+11, Etm16, FS11, FP07, FJP99, GN16, GH07, GH15b, GVP06, Gar97, GAMV13, GV13, GL03, GLR07, GM13, GS05, GKK10, GMPZ06, GLN09, GrM10, HLD12, HT14a, HMKST11, HHSMS15, H07, HHSW11, HK099, HL95, HvdG96, HW02, HS96d, HI16, HVW95, HR98b, HS01b, HHL15, HYC16, HSW08, HGP14, JI08, JK07, JK15, JN10, Jot94, Kas95, KV12a, KHrvBW13, KHRvBW14, LV08, LRSV11, LC1N14, LLC13, LT09, LH096, LZ09a, LZ09b].
Algorithm [LGP14, LFJS14, LXX+16, LYL+11, Lin16, wLXY00, LB06, Liv08, Liv15, LWK+16, LR98, Lyo11, MG07, MG09, MG11, MM+94, MK00, MBG16, MV16, MN11, NK15, NGX14, NCT99, Nov15, Oet99, OKF14, PKR+13, PGLD96, PSB+06, Pet99a, PDMY14, Rav05, RC06, RGOY10, Ruh98, SYEG00, Sp16, SV08b, SV11, Str00a, SF99, SW10b, TN16, TD09, VD10, VMG09, Wal14, WC00, WM109, Wan13, WMSG09, WYXG10, WL13, WYJ12, XKH08, XZ05, YMW07, YZ09, YCC10, Ym09, You94, ZMYZ05, dMHJM00, von97, Ahu96, BZ93, BPT93, BDP96, GCS+94, DS93,
EB96, FGN93, Fre93, Kor93, Lan93, LV94, LL93, MMM+95, MMY96, MS93b, NP93a, OS95, PS93, Saa93, Smi93, Wat94.

**Algorithmic**

[APvDG12, HT16, Moo00, PXYY16].

**Algorithms**

[AB08a, AdVC00, Ain14, AMH12, AMHR15, AC95, BCGR98, BSH08, Ban10, BH00a, Bar00, BHT09, BM05, BF95, BFK03, Bit99, BB15c, BT97, BVCG+10, BM95b, BRZ14, BMV11, CG10, CK02, CHP11, CJH11, CGS02, CWC08, CCSS03, CH02, CKY98, CC12a, CD15b, CD01, CVK15, CMM95, CDFQ11, DJ07, DAE02, DSC05, Dor98, DW94, DG99, EH912, EOZ94, EY07, FMYT16, FWA+11, FSwdV98b, FW97, Fra98, FFS07, GP08, GJSZ13, GTP07, GST12, GGLT00, Goe94, GY09, Gon15, Grie94, GE96, HRV11, HM10a, HV01, HK95, HW90, HMWO7, IBGW15, IMS96, Jia14, JP97, KKK16, KCL16, KM97, KT15, Kar96, Kea97, KS94, KPL13, KPK+16, Kir14, KEF11, LS99, Lan98, LS94, LK15, MS07d, MNBK10, MO00, Mar09, MH16, MRS16, MT06, MZW09, MS07e, MW16].

**Algorithms**

[NH13, PVK16, PH13, PSSW15, PB+96, PBC05, RNR13, RTO5, RMD08, RKvdaD14, RGG15, Ros15, SKMF15, SIDR15, SR16, SIS96, SvGO8, Ste01, ST98, SWU16, SW15, SW10a, Sun95, Ten98, TAH15, VMV15, WLX+13, Wei99, WNC08, XB16, XJS13, YG15, YZ11, YSZ14, ZLTT15, vDA12, BGPH4, BME93, BEM94, Car93, CG93, EG93, Göt94, NP93b].

**Aligned**

[GH14, GHS09, MB13].

**Alignment**

[GH14, GHS09, MB13].

**Allmaras**

[DHE13].

**Allocation**

[HS99a].

**Almost**

[CPW15, FD03, Jah04, NV98, PWZ10].

**Almost-Adiabatic**

[Jah04].

**Almost-Invariant**

[FD03].

**Alternate**

[CJ95].

**Alternating**

[BF06, DS14, GKK15, HV96, HRS12, LPS13, LDM00, Lui00, Lui01, NWY10, NWY11, RDB16, SL11, Sta94, WY12, WY13, YZ11, ZNZ16, Gar96, Li94, ST96].

**Alternating-Direction**

[BF06, HV96].

**Alternative**

[JSZ13, May05, Rah13, Wal14].

**Alternatives**

[HvdV03].

**American**

[AO07, HY08, HFL11, IT09b, KL11, Tsi08, dFL05].

**AMG**

[BFJ+15, BBKL11, Ema10, HV01, KV12b, PS11b, Vas10].

**AMG-DD**

[BFJ+15].

**AMG-DD/AMG-RD**

[BFJ+15].

**AMGe**

[LCCVEK17, CFH+03, KLV+16, Wab05, BCF+00, HV01, JVO1].

**Ampère**

[PTvR+14, TKCC13, BW09, Fr012, PBTB+15].

**Amplification**

[DMMB10].

**Amplitude**

[AIL05].

**Analogue**

[RT11].

**Analyses**

[MMT15].

**Analysis**

[AV14, AdVC00, AA00, ABC00, ASZ97, ACF09, ABTZ14, BA05, BHN10, Bar12b, Bar05, BWW0, BBP07, BW11, BM05, BBR04, BM11, BV08, BGP94, BS06b, BT16, BDW11, CKOR16, CLPS03, CP03a, CQ09, CW97, CV94, CIZ16, CG10, CLN12, CWG10, CE16, CSW14, Den97b, DJ07, DH95, Di95, DKP14, DT00, DTM05, DP03, DHE13, DP16, EM09, FMR13, FCZE14, FM13, GS98a, GV07a, GJSZ13, GN16, GH15b, GGL09, GLS08, GB06b, GGMK07, GKT09, GV07b, HMST11, HTMM15, HHvR03, HO96a, HL98, HTL16, Hä94, HK95, HV04, Huc08, IHTR12, JMN01, JGO2, KEO05, KSB11, KY03, KGR16, LRW96, LNP+07, Le05, LRP07, LP08, Li99, LW15, LS05b, LC05b, LW04, LX16c, MMP93, Man95, MB02, MSS10, MEHL16, MW08b, MMS05, MN08, MNZ15, NM13, NN05, OC03].

**Analysis**

[OW02, PMCA15, PV15, RWKW14, RGOY10, RGG15, RLC08, SKJ+13, SV08b, SV11, SNB08, SW15, TW13b, TV93, TW93, VXCB16, WC03, WL08, WB00, WOW0, WW01, WW03, WTWB09, WE06, WZ15, Xie05, YPN+01, Yiu95, ZCZ04, ZF09, ZPE12, dLR09, vGEV07, MP94, SA97].

**Analytic**

[Bar14, KBV09, LCD14].
Analytical [BK04]. Analyticity [GJ05].
Analyzing [SAY03]. Anchor
[BTY08, LT09]. Anchor-Free
[BTY08, LT09]. Anderson
[EMM+99, LSV13, SBR06]. Anisotropic
[ABBM98a, ABBM98b, AFMP15, AP99,
BS08, BP13b, Ca007, CPB13, CMK11,
CDM16, DPF15, DK03, GMS02,
ISG15, LT09a, MS13, MV94, MP08,
MK06, MMV98, Pic03, Pic10, PABG11,
Sch08, TLE12, WH15, Win10].
Anisotropically [GHH07]. Anisotropy
[BT99]. Anomalous
[BTY08, BL09, CH07]. ANOVA
[ZCK12]. Antenna
[ATV07, BH07]. Antidiffusive
[BT99]. Antipersonnel
[XK08]. Antiplane
[GT98]. Antireflective
[BTY08, BM10b, BC09b, CB98, CI16,
CL08, CFM96, CG11, CDW14a, CDW14b,
CGMV05, CST16, DTV13, DGSW10, DW05b,
Ema10, ES00, FMYT16, FKTW10, FSSS13,
Gar08, Gar09, GRPG01, GU17, HT09, Hri03,
Hri05, Jia14, JED10, KPÇA12, KVMK01,
KL+16, Lec13a, LZ01, Log03b, LD04, MSL13,
MSW05, PH13, RGG15, Rub12, SZ06,
SY10b, SY12, SW16, SZ00, SS03, SZZ97,
Sm07, TPT+16, WS07, WS06, WM05, XZ10,
YMM14, ZWH+14, Zyg11, CC06, LCW95].
Applied [AA13, BLS14, BMV13, CV07,
CBS00, DGD16, DLM16, DHJW08,
DHE13, GLOR16, HML+04, HLP08, KM98,
MNS07, NM13, PKD13, Ser06, VSZH99].
Applying [Che16, DJ07, SS10a]. Approach
[AK09, AP97, ATV07, ACW12, ALZ14,
BCS07, BO06, BC02, BTY08, BHST08,
BGR16, BP06, CF07, CW14, CV94,
ICCVEK17, CN10, CH09b, CV13, CE17,
DG08, DMN08, DP03, EVLW17, EK14,
EK10, FR10, Fli13, For95, FGH+08, GB98,
GH98, GLUT09, HW03, HT16, HTW+12,
Hor10, HC98, HLZ13, HSSZ09,
IT09b, JK12, JZ13, KHE07, KSD10, KY03,
KLT06, KL13a, KS15a, KZ16, LW15,
LW12b, LB07, LB08, MKWG15, MO10,
MDM15, MS01, MM07, OS14, OB08,
PVV11, PSLG14, PQOB14, RS02, SB15,
TGS08, TPT+16, VS17, VOG16, WL04,
WE13, WP98, WB08b, ZK14c, Zen16,
ZC06, ZH09, DFL05, dSK11,
vZvBd10a, vZvBd10b, LL94, RG94].
Approaches [CSW14, LZ04, SW09,
ZLTL13, D95a, Rot96]. Approximate
[AP14, ABC00, BM09, BT08, BT00a,
BCT00, BBJ16, BB05, BC13, BT99, BC01,
BMGR01, BH14b, CDGS05, CBG12,
CBCR14, CS97, CS98, Ch000, CST+13,
DWO5a, EHS+05, Ema10, GMWG03,
GLN14, GS98b, GH97, Gurt04, H05,
HWS05, JFG15, JP08, KM97, KRT16,
LRW06, MG09, MB15, MAA98, NP10,
RT10, Rhu99, Saa03, SE11, SE13, DH16,
WV98, WZ03, ABS96, EOD93, SS93b].
approximate-factorization [SS93b].
Approximate-Inverse [GS98b].
Approximation
[AN17, APZ13, ADKM03, BG14, BGN07,
BGN08, BG98, BBKT15, BB15c, BKS16b, Bör07, BP13b, BHW99, BTGH12, BFI07, CGGGS15, CZK15a, CNP12, CH08a, Cha07, CL08, CKO15, CMM95, DLY16, DB94, DQO13, DGB15a, DGB15b, DHO12, EL03, EL01, EV06, FS05, FT03, FDFW07, GJO8, GIIK15, GOS12, GT94, GG09, GOV06, HRLW00, HRR99b, IM98, JK07, JP16, JSPC97, KBR14, KLS, KPP16, KK09, KS11, Kra12, KLL16, LPS10, LLW16, Mar01, MRT00, MNvST13, MR94, MS13, NZZ06, NJ14, NSK10, PSA99, PPT11, PSSW15, PC98, RA96, RO15, RW07, SY10a, SY08, SX16a, SZ00, SP16, Ste99, ST11, Str00a, TE07, VR13, WLE00, Wan12, WH15, Wat04, YSX17, ZRK15, Ain96, AE95, McG95, NCV06.

Approximations [BH14a, BKS16a, Bru15, CAS11, CJ95, CM13, CHH01, DD13, EZ11, FWA11, GP99, GT06, GMS02, HHS16, HBS00, KP09a, KM97, KS99, KL05, MMZ03, MS13, RT01, SL10, SSC15, STR99, Tal15, WGT14, ZD09, ZNX14, vdEH05].

Approximative [KKS08].

Arbitrarily [DS16, GHS09, KMV99, KM00].

Arbitrary [ADR14, AAD11, AS16, AIV98, CL10, MBGV16, MH16, NSK10, PP97, RT99, SG04, TC12, WK06, YYY11, DR93a].

Arc [CDM13].

Architectures [ABC14, CP95, G15, Gon15, HWD02, LD11, Pip13, PR96, RTR16, TD09, YS16, BPT93].

Arclength [LMR97].

Area [KEF11, PP97, SCDM10, ZF14].

Arising [BGL08, BSSW13, CCQ16, CHH10, FGS14, GHN01, GV98, HL10, HZ16, HLM16, PNV16, PS13, RG07, RH09, Slo02, WW03, ZFwCW15].

Arithmetic [AT15, C90, Dm97, KJ12, JF16].

Arnoldi [CGP12].

Arnoldi/Lanczos [GT94].

ARock [PXY16].

ARPACK [WT01].

Arrays [BBH16, KK90, OA93].

Arrival [RMD08].

arrivals [CC96].

Art [GMSB16].

Artifacts [CDBH16].

Artificial [Dor10, GMS02, LN03, SD11, Tsy97].

Ascent [DZ12].

Asian [Mar03, dFL05].

Askey [XK02].

ASKIT [MXB15, MXYB16].

Aspects [PF94, SD10, Huc93, RST93, Sun93].

Assembling [Pct99a].

Assembly [AAD11, RKL09, WH09].

Assessment [ANP00, To96].

Assimilation [BZ97, BQR16, GLS08, GS12, PGL06, RLG98, ZFHS15].

Assisted [CVE13].

Associated [DB94, RO06].

Astronomical [CJN13].

Asymptotic [AKLP10, BLR14, BUR97, CH08a, CGK13, CDN16, DGO08, G00, HG98, HT14b, HW14a, JMN10, Jin99, JS10, JW13, Kla98a, LS12a, LM08, NBA14, P09a, SL99a, YJ13, BW93, TR93].

Asymptotic-Induced [Kla98a].

Asymptotic-Numerical [GK00].

Asymptotic-Preserving [BLR14, CDN16, Jin99, JS10, JW13, YJ13, LS12a].

Asymptomatically [APZ13, BV98].

Asymptotics [Gar94].

Asynchronous [AAR98, GKL08, HKT01, LMP03, PXY16].

Atmosphere [GKC13].

Atmospheric [BZ97, GC16a, GRL10, JSPC97, LCH09, RW97, TGS08, YC14].

Atomic [CD98].

Atomistic [OZ16, Sha12].

Atomistic/Continuum [OZ16, Sha12].

Augmentation [KNN12].

Augmented [BR05a, BO06, BW11, CJY16, DGRZ15, FGM08, FL08, KS13, OB08, PSLG14, Vog16, AF15].

Augmented-RBF [AF15].

Authority [FLM05].

Auto [Der08, MW13].

Auto-accelerated [MW13].

Autoassociative [SAY03].

Automated [BL04b, DJ07, FHFR13, GGOY02, MBM16, OLG08, RL13, VR16].

Automatic [Bal00, BBR04, BV00, CJK10, CV98, CJK99, DM16, GM00b, HBSC97, JK15, PT08, Sar97, SIS96, XCP13, AMB94].

Automatically [ADGM98, Gu93].

Automation [FCF14].

Autotuned [CF14].

Autotuning [HEG14].
Auxiliary [KV12b, Lee13b, WHCX13].
Aware [AAB+16, ABST13, GMPZ06, LGH+13, Til15]. Axis [Zhe07].
Axisymmetric [GGZ02, KCL16, Kup98, MCT+05, Nit99, Ros99, Zhe07]. B-Spline [Red99]. Backscattering [TBKF14]. Backward [BPR16, CR016, DP16, GGL07, GM11, HLY13, Kas95, MO10, MT06, PS02, ZCP06, ZF114].
Backward-Facing [GM11]. Balance [BLMR02, KW10b, SSB08, PSB08]. Balanced [ABB+04, BKS16a, BMMM08, BL05, CCM08, CK15, DFRNP07, HSS08, LXL11, TTK16].
Balancing [BMP14, BMP16, Bas98, Ben01, GPTV15, NV05, Ten98, WC00]. Ball [LLZ09].
Banach [YZ05]. Band [BF01, DJP00, GG09, Wil09, CN93, CT94].
Band-Limited [GG09]. band-Toeplitz [CT94]. Banded [LNC05, MKSG10, BW93, Lan93, Tre93].
Bandlimited [BR14]. Bands [GT98]. Barrier [DM+16, Lu95, ZK14c]. Barriers [MJR05].
Barycentric [BHK14, SV13, WTG12]. Based [ACVZ12, AG10, AMM+11, AdVC00, ABC+14, AK13b, ALK15, ATH12, AB08b, ADH99, ATK12, ACF09, BQ08, BF01, BCR11, Bar12a, BS16a, BB08a, BOF16, BN98b, BS11, BSS09, BSS13, BO06, BW11, BC09a, BPS13a, Ber00a, Ber98b, BL14, BDvGO05, Bl09, BSH08, BCC16, BS05f, BZ15, BBT11, BCF+00, BTGH12, BGL06b, CCM05, CL11, CDBH16, CB98, CHR02, CJE+10, CBG12, CV07, CKD13, ÇAK11, CD13, CGM99, CMM00, CC03, CBS00, ICCVEKV17, CJK10, CDN16, CSW14, Dk00, DMBB10, Doh03, DGB15a, EHS+05, EOZ94, EOY05, EN08, EK14, FO08, FWA+11, Fra98, FV01, FN94, FM07, FM99, FKK+14, FH1+08, GVP06, GHHK15, GLS13, GC16a, GLQ16, GY05, GSS00, GBDD10, GHS+09, GMPZ06, HKYY16, HKF+13, HH13, HKR16, HRT13, HS06c, HTW+12, Ho04, HR99c, HJMS07, ILK05].
Based [JKKM01, JMS16, JS10, JV01, Jou94, JGZ06, JK00, KKP14, KH14, KB08, KMW15, KA95, KM97, KMR10, KHE07, Kra08, Lan98, LLHF13, LS95, LFB13, LM15, LM08, LT09, LX14, LFJS14, LLL08, LL08, LK95, L-MBW10, L-BO08, L04, MO00, MO10, MHS98, MN08, NXDS11, NWW11, NK13, NSJ03, Not12, OS14, PRR+13, PQ0814, Pic03, Pla98, PMSB12, Rad16, RBH06, RG98, RSW10, RNR13, RS13, RLM+00, ST16a, Sha12, SP16, SSF16, SU15, Ste00, SL09b, TLN14, TW13b, Til15, TY15, VMM13, VW94, WW90, WZET13, WNC08, WY012, WZSL12, XBC06, YJ13, YBH15, YC99, Y01, YS14, Zha97, ZC04, ABS96, BST08, BWSW15, CMV97, DHO12, FFS07, Jan96, MKOS12, NP26, Pir16, RR98, ZDZ16, GMM15, HS06d, GS14].
Bases [CW16a, SL01, TW03, ABF09]. Basis [AB17, AD15, BKG16, BK16, BN98b, BLB90, Bla97, BM00, CW16b, CDS98, CHMR10, CB02, D010, D07, DFQ14, DHO12, EPR10, EF15, FM12, FP07, FLF11, Gar00, GV12, GD07, HSZ12, JK10, JK15, JP16, KKS13, KR06, KPI0, KL13b, LLHF13, LQR12, MR04, MS13, NRQ13, OS14, OS15, Ong97, Pir16, PS10b, PSS17, Ros05a, VP14, VW98, WSK99, WRS08, Yan14, vdBF08].
Batch [WRB+15, CC96]. Bayesian [APSG14, APG16, BCP15, BTGH12, BTGMS13, DCM14a, CBCR14, FWA+11, He13, HCHS13, HFL+16, LM14a, LW14, PMSG14, Re13, SSC+15, YG15, YGCP96]. Bayesian-validated [YGCP96]. BDDC [BPS+14a, KLR14, PWZ10, Tu07, dVPS+17].
Be [GLL14, GLMN15, KHU96, TW95].
CGKM16. Blow-Up [ADKM03, BGK15, BWZ10, CGKM16, BHR96]. Bluff [Hof05].
Blu[ NO98]. Bodies
[BCF01, CSW99, CP13, TUV10]. Body
[BBBV13, BOF16, CFSZ08, Hof05, JvGVS13, Kra09, KL00b, Sha12, SU15, Ten98, XCS16, Aiu96, BME93, BEM94, CSS93a].
Boltzmann
[AB08b, BCR11, BYK05, BLM03, CCM05, CL10, DMM05, Del14, Elt96, FMP06, HYC15, HYC16, JS10, JW13, JK00, Lee10b, Lee10a, Lee12, MW03, PR01, SR16, Str00b].
Boltzmann-Based [BCR11]. Bootstrap
[BBB+11, BBKL11, BK14]. Borehole
[PDTVM08]. Bose [BD04, BS05c, BL08a, BLS09, BMTZ13, BH08].
Bartmental [LB07, LB08]. Both
[Ros96]. Bottom
[GN07, SS08]. Bottom-Up [SS08].
Bound
[BCL99, BLNZ95, CXY10, DG16, Kea97].
Bound-Constrained [BCL99].
Boundaries [Lay06, LL97, LX+08, NP08, PP97, VB07, TR93].
Bounded-Obstacle
[NP08, SS08].
Bounded
[BB00, CA94, CHMR10, DM16, GH15a, GSS00, KK13, CXY14, M+F08, MRL17, PS02, PDH09, SBP04, TBO10, Van00].
Boussinesq
[LBD04, HHSW11, MCJN94, Yan14].
Box
[JK07, KSD10, MMS05, BH12].
Box-Constrained [KSD10].
BoxLib
[ZAD+16].
BPCONT [Der08].
Brain
[DMM+16, HDB08].
Branch
[Der08, Kea97].
Branched
[L03, RC06].
Breaking [OT09].
Breakup
[BLGL11].
Breast
[BNFS13].
Bregman
[BCC+15].
Bridge
[VPP05].
Bridging
[PKR+13, RDP08].
Brinkman
[VV13, Z10].
Bristle [AFMP15].
Brownian
[CL03, HT16].
Broyden
[An93, YDF97, vNLB04].
BSDEs
[GLSTV16, RO15b].
Bubble
[TW08].
Bubbles
[HY10, dVL10].
Buckling
[HL08, LCH99].
Burgers
[BHN07, DMM05, Elt96, G00].
Bursting
[Sao1].
Butterfly
[KM12, PDMY14, Yin09].
Bypassing
[Pir16].
C
[DARG13].
[PS97].
Cache
[AKA13b, GMPZ06, HR05, YB09].
Cache-Aware [GMPZ06].
Cache-Oblivious [YB09].
Cahn
[BS15b, KW07, ZD09].
Calcium
[Gob08].
Calculating
[MNBK10, MS04, Nak98].
Calculation
[BD99a, Bre17, BHP98, CRV14, GLR07, HM98, HBJ04, KKS13, Mön08, TT96b, TB99b, WMI09, WUMUZ13, YGB+05].

Calculations
[Ber95a, COZ96, CDGS05, DLY14, HW94, LYL+11, LJL98, Ste11, TB02, YS16, Zas95, ZZWZ14].

Calibration
[DKM14a, CAB04, HKS+04].

Camassa
[LX16a].

Can
[CCF14].

Canonical
[ABTZ14, De12a, DM13b, RDB16].

Capability
[CST16].

Capacitance
[LV98, PV94, PV95].

Capillary
[SCS04].

Capture
[LW14].

Capturing
[BJ01, WL04, Wan04].

Carbon
[JP14, LW14].

Card
[Gre03].

Cardiac
[BFSN08, CWG10].

Cardiovascular
[PVV11].

Carlo
[KKS08, ABLS05, AcDS+11, BHvST14, BK04, BCS14, CBKT16, EHL06, EBBS+11, GLSTV16, GKB16, HW14b, HILL00, IT09a, IK10, IT14, KBB+08, LZ04, MS04, MSS12, Ok05, PR01, PWG16, PRR16, TP09, Wan12, WKKP13].

Carreau
[Lee14].

Cartesian
[ABCM97, BGDOD08, CH09a, DFQ14, HG02, ILK05, KW11, WWM03, WM11].

Cascade
[Yiu95].

Case
[BTGMS13, CHL16a, DARG13, DF99, GLL+14, GOS12, JV96, LB15, SWX16, Vil09, YTD15].

Cases
[YZ07, YZ08].

Casing
[PDTVM08].

Cauchy
[BMSV97, KO99, LCD14, TY08].

Cauchy-Like
[KO99].

Causal
[CCV14].

caused
[AGC96].

Cavity
[BS05b, LAG14, LRD+04, TVV11].

CCC
[CB98].

CDG
[PP08a].

Cell
[ADK+98, ACCP13, BMSV97, FEM08, Gob08, KCZ15, Kwa99, MAB07, MCT+05, MS08, NMW11, Q505a, TKCC13, VR16, Gre93, WMC11].

Cell-Centered
[ADK+98, FEM08, Kwa99, MAB007].

Cells
[Ste11, Ush01].

Cellular
[SAY03].

Centered
[ANP00, ADK+98, FEM08, Kwa99, MAB007, VHGR10].

Central
[BT06, BPR99, BL03c, BL05, PPPR12, JT98, Kup98, Kup01, KL00a, KNP01, KPP07, KP09b, LdMV12, LPR00, LPR02, LNSZ06, LLLLX16, LN03, LT00, MV09, PPR05, Pup03, TKK16].

Central-Difference
[Kup01].

Central-Upwind
[KNP01, KPP07, KP09b].

Centrifuge
[CCS04].

Centroidal
[BPB07, CKBT16, EHL06, Kus97].

Chains
[BBB+11, BKS16b, CE17, CPR11, Day98, DS00, DMM+08, DMM+10b, DMSW10, DMM+10a, GaP08, SM07, TY11].

Challenge
[EMM+99].

Challenges
[DNP+04].

Challenging
[LJ03].

Change
[PP12a].

Changed
[ZK14c].

Changing
[BCF01].

Changing-Chart
[BCF01].

Channel
[Hun96, KWW13, VS03].

Chaos
[BDW11, CGX15, DGS08, DNP+04, K04, PSDF12, SG04, SD10, SM15, WK06, WB08b, XK02, ZCK12, ZRTK12].

Chaotic
[CD06, XYZ05].

Characteristic
[AH06, AW11, BM05, DB13, EAS08, EAS11, GC16a, MB02, OGO13, SSH06].

Characteristic-Based
[GC16a].

Characteristics
[WWW09, YV08].

Characterization
[LM14b, LNA+11].

Characterizations
[SVX15].

Charge
[Ama98].

Chart
[BCF01].

Cheap
[OB05, TP99].

Chebfun
[RT11, TT13, WJMT15].

Chebyshev
[AC08, BS08, BK10, DS95b, DS97, FP14, HT14b, HP14, Jac03, LV94, MR02, PCDB96, She95, TW09, TT06, VSO4, Zbl11].

Checkerboard
[Lee13a].

Checkpointing
[SW09, Sw10a, WM09].

Chemical
[CVE13, DJHW08, GK13, IP06, Jah10].
LNP+07, PS13, YS16, Ver94. Chemistry [JSPC97, LCH09, NK15, SZ06].
Chemosensitive [FS05]. Chemotaxis [FY14, NMW11]. Chirplet [GG09].
Choice [CMK11, CJK10, DLZ10, BCLC97, DG95, LL94]. Cholesky
[BDHS10, BPT93, FGM95, HRS10, LM99, MH95, Meu01, 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]. Circle
[SWU16]. Circle-Valued
[SWU16]. Circuit
[BJ08, CCCZ10, MT97a]. Circuit/Field
[BBGS13, MS07c]. Circulants
[BBGS13, MS07c]. Circulant-plus-Diagonal
[NP10]. Circular
[AA00, Ama98, NH12, Smi97]. Circulation
[TGS08]. Circularity
[KLJ10]. Circumventing
[RLG98]. Class
[BM08, BB03, BR09, BBM+15, BV16,
CCFP12, CDG03, Che98, DF99, DFN12, GS14,
GVMM14, HSS08, KA95, Kla98c, KT08,
Lj03, Men01, MG12, MW16, NP10, PP12b, Ser06,
TW05, Vir07, WZ03, Wat04, Zam16, Car93]. Classes
[VK15]. Classical
[BH11, JP14]. Classical-Quantum
[JP14]. CLE
[CE17]. Clenshaw
[EEJ08]. Climate
[MMW08b]. Clique
[RGG15]. Close
[Bar14, BWV15]. Closed
[AL99b, CBW15, LRD+04,
LFWP08, QZZ14, YVB09]. Closely
[GJLX16]. Closest
[CM15, MR09]. Closure
[BPB07]. Closures
[AHT12, HM10b]. Cloud
[DTT+16, TGS08]. Clouds
[DS16, JP16, LZ13a]. Cluster
[AHKD14]. Clustering
[Fra98, Hor10, McL12, MDC08,
SNB16, dMHJM00]. Clusters
[RNR16]. Clustersolutions
[CK98]. CM
[BP97b]. CM-5
[BP97b]. CM-5/CM-5E
[BP97b]. Coagulation
[EW00, FL04, MNBK10, PW12]. Coalescence
[ABM+13, FCM12]. Coarse
[AKPRB08, CPW15, CEJ+10, CWX15,
EHL06, FS14, Fer98, HKR16, KKR16, KC16,
MS07a, MN07, NXDS11, Pol16, SAB14,
WSA16, Wy90, Yav98]. Coarse-Grained
[WSA16]. 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, vHBTC12, JS93]. Codim
[KM05]. Coding
[ZKG17]. Coefficient
[BB08, DF99, FGMP13,
FGMP14a, FGMP14b, GM14a, JL05b, JR98,
KGM+11, KG14, LK98]. Coefficients
[ALLK15, ABST13, BF95, BV09, CT03,
CD02, CRV13, DF03, EIL01, FDS13, GX16a,
GP16, GH99, GD03, HA01, HCRT13, Jia14,
KKV13, KP09a, KG+08, KP06b, LI01,
MEHL16, PRSS11, Ro03, Sch98, SWX16,
WR13, ZTM+16]. Coherent
[RAB+14, TW96]. Cohomology
[PSKG13]. Cole
[LHL11]. Collection
[AILP07, Wri93]. Collision
[CHL16b]. Collocation
[AS94, AC95, BF95, BFK03, BFK05, BF06,
BK10, Bjo95, BV09, DSS07, Du16,
ELtHR00, EM99, FF15, GM14a, GNZC17,
KNN12, KV05, KHRvBW13, Lay03, NZ12,
NJ14, NGX14, PCFN16, Sun95, TT06,
TV98b, WZ14, WX09, WI12a, WI12b,
XZ11, XH05, YG15, YSX17, ZK14b,
ZZK15, ZMK17, ZTRK14, ZNX14, Bia94,
BR95, DS95b, HHRV93, PM95, PCDB96]. Color
[FNB06]. Coloring
[BTVC+10, GTMP07, JP93]. Column
[QOSB98]. Combination
[HHLS15, Hun95, WZSL12]. Combinations
[OK13]. Combinatorial
[IMS96, WH09]. Combined
[BDNG07, DY06, MF06, dDBV14]. Combing
[AEFM17, CDGS05, FT03, HCK+04].
Computations [BK07, BP97b, CS94, CX08, CSW10, Du98, Fai03, FLF11, GH07, GCB04, HL95, JR96, LVkBW10, MRL$^+$, Nat98, Nie16, OSCE00, Pek12, SW03, TW96, ZCW10, OA93].

Computing [AEFM17, AS16, AMH11, AMHR13, AMHR15, ABB09, ADL$^+$, AC098, AT15, AMB$^+$, BD03, BCT07, BFKN11, BD04, BL08a, BL09, BMZ13, BMF12, BS96b, BGSV15, BGR16, CCQ16, CAS11, CHJ16, DR93a, DDF00, FGL09, FMYT16, FGM95, GH15b, GWG03, GTMP07, GST09, GGL10, GGM06, GM00b, Gug16, HNS08, HHL15, JN10, JED10, JW05, JP11, KY96, KVM99, KVM05, KPCA12, Kei99, LCN14, LR10, LSU11, LL11, LWZ13, LT12, LR98, MV00, Man99, MV16, MB99, MW01, MG12, PP97, Pet93, PSL14, RM08a, Ros15, SIDR15, SBP04, SMB07, SO3, SO10, DH16, Str93, Swa02, TS11, TV98a, TWW16, VMV15, VK15, Wan97, Wat98, WTSO4, WZK15, WS15, X16, Y207, YZ08, Zha96, ten95, DS95b, RST93, Tre93].

Concave [NNT13].

Concentrating [LL02].

Concentrations [JW05].

Concept [SNB16].

Concepts [GW00, vD03].

Concrete [CST16].

Condensate [BHO8].

Condensates [BD04, BS05c, BL08a, BLS09, BMZ13].

Condensation [SP16, VP14].

Condition [AMHR13, BH00b, BCH12, BHP98, CCG14a, GH15a, HLLM15, HR14, KKL15, KL94, KLR98, LX08, RL10, SV08b, SV11, WL04, Wan04, Win06].

Conditioned [BS07, CCS98, Du16, PS01, WSZ14, Di 95].

Conditioning [BBC07, KR00, SBC93].

Conditions [ABK11, BH05, BDM016, BTT13, BG04, CH08b, Coa12, Dor10, EO15, EO16a, FJ99, FDS13, Fro12, HG02, HHT03, Her08, LRD$^+$, LP03, LS02, MRS04, Mal07, NCT99, NV08, Pat97, QX08, RK07, RMD08, RSSZ08, Sch09, SC03, SD11, TVA02, Tsy99, UW94, Ush01, Vl09, XW05, HG96, Tsy97].

Conducting [AKLP10].

Conduction [LL98].

Conductive-Radiative [BK98, BK99].

Conductivities [MS03].

Conductivity [Du11, EIL$^+$].

Conference [Ben15, Ben13, Tum10, TBC$^+$, Vas05, vDV01, vDVDE$^+$, vDVDE$^+$].

Configuration [CL03].

Conformal [Ama98, DP98, DV98, HT09, Nas09, NAS13, Por10, SO15, CDH97].

Conformal [BTY08].

Conformal [MTM08].

Conformal [DMM05, Gär09, HGPM14, JGZ06, RKL09, JK11].

Conical [GST09].

Conjugate [ABF96, BMT96, BCT00, BJB16, BCL99, CDH98, DF95, DEC05, DGLW16, Fic98, GY99, GH99, JvD99, Kny01, Not00a, PF12, SYEG00, Sp016, SO97, VP14, NP96].

Connected [DF98, DK11, NAS13].

Connecting [DDF00].

Connector [BP97b].

Conserve [HM01].

Conquer [HLD12, LT09, LS13b, NH13, TD09, VXCB16, VTD12, LL93].

Conservation [AB02, AD06, AGH00, BLMR02, BF16, BBS94, BPR99, BG13, BFSN08, CHR02, CW13, CW14, CW16c, CCL13, yCWHJ12, CK94, Dk00, DMM05, DGLW16, DS16, DB07, FMR06, GRO5a, GB12, GMS02, HH02, HBL05, HLM$^+$, JT98, JSZ13, KL00a, KNP01, KPP07, LPR02, LXX16, LD16, LN03, Mar94, NMAB11, PPR05, QSO8b, SL11, Sem10, SMR01, SJ14, TW12, Tor12, TLE12, TW95, VS03, YH02, dLRT09, BH97, Pem93].

Conserving [AH12, AHR12, AS05, CH94, yCWHJ12, DS16, GBT10, GJ07, LLW16, LW16, NH14, PM15, RG09, SL09b, YYY11].
[AH06, CL97, DG09, HLMM06, LW12a, MKRK13, vSRV11]. Considerations
[CC98, FK97, Moo00]. Considered [Gri94]. Consistency [Lu95, NP08]. Consistent
[BPR04, BHP98, Dor98, HSWW08, LY13, MKWG15, Sha12, TKCC13, WMUZ13]. Consistently [BBGS04]. Consolidation [BRBT12, LMW17]. Constant
[ABST13, BGK15, DZSN09, FGMP13, FGMP14a, FGMP14b, HCRT13, Ren15, SL09b, VMV15, vdDA12]. Constant-Coefficient [FGMP13, FGMP14a, FGMP14b]. Constituted [LXK08]. Constrained
[AV14, AEMM16, BV03, BRR99, BPS13b, BG05a, BG05b, BU15, BCL99, DGJ03, EN16, FCC10, GU17, GSN10, GV07b, GKL08, Haz08b, HRT13, HD15, Jay98, KB08, KIP12a, KS04, KSD10, KP12b, LCH09, LST07, NWY10, PR09, PBC05, PC07, RP01, RDW10, Ros06b, SWW08, Vas10, YMW07, YHC16, YP98, AE95, AP93, Dax93, GHKS14, KHRvBW14, SB15, PST15]. Constrained-Transport [HRT13]. Constraint [CR04, CLS16, CW06, Chr09, DW05a, KLT16, Le 01, RP01, dSL05]. Constraints
[AB08a, BKGV16, BMP14, BLO7b, BIY00, BL08b, CRG09, CJ16Y, GRMS09, HS06b, KIN11, KNV16, LX14, wLXy00, MMWV13, Obel13, PRM97, PMSB12, TP09, WBA09, dVPS17, DR93a]. Constructed [BS05f, PS01]. Constructing [CKN06, JK08, NX13, SD10, Wan07b]. Construction [ABg09, AMN15, AA00, BM10a, BM10b, BCR09, BT16, DDO0, FV01, GS02a, Joe93, Joe95, LM14a, MV06, NXDS11, SV03, SH01, SLC01, SSB08]. Constructions [NJ14]. Contact
[CW99, CHH01, HSWW08, HSW08, KO05, Kra09, PWG12, WL97, WK03]. contacts [LP06]. Context [GKT09, ten95]. Continuation [BDF08, CCJ07, CKK03, Der08, GKD05, HS16, Kue12, LS13a, LZ99a, LMR97, LC05b, Lu97, Lyo11, RAB14, SSH06, WY0GZ10, vNLB04, LL93]. Continuing [DDF00]. Continuity
[CM09, CDPC13]. Continuous
[BB13, BS95, BT04, BB08b, BV00, BG13, CE17, EZ11, FPO08, GS98a, HM10a, HH13, Kinn08, KS14, KK16, MMT15, SL09b, SW10b, TSK09, BS94]. Continuous-Discontinuous [BB13]. Continuous-Time [KK16]. Continuous-Wave [BS95]. Continuously
[GX16a]. Continuum [XJBS12]. Contour
[HW15, Sch94, iW11]. Contraction [HBSC97]. Contrast [EIL10, HTH16]. Control [AS16, Arul12, BKGV16, Ber98a, BH11, Ber95b, BG05b, BK00b, BIK12, BH08, BV09, CP04, CRG14, CP00, CP03a, CP03, CP07, CPT05, CK08, CBW05, CHH01, Ded10, DZSN09, DZ12, DMBB10, EN16, EM96, EHH00, EMT09, FL02, GSP95, GM11, GS97, HS05a, HSB12, HN06, HHW00, HR99b, IR98, KB08, KLS15, KL12, KW10a, Ku12, KW15, Kus97, LV07, LLX15, LM14c, MSS10, MRW15, MP08, NRMQ13, OPRB06, OS15, PBP14, PS13, PST15, RV05, RW11, RW13, RL13, RW06, SMN10, TUV10, Wan07a, WG12, Yiu95, ZWH14, ZFwCW15, vWB09]. Controllability [NMS06]. Controlled
[vLH14]. Controllers [AK04, Rav02]. Controlling [Rud12, ZSD10]. Controls
[GXY15]. Convected [IR18]. Convection
[Ber95b, BBM15, BDK12, BKS98, CKV99, CDG10, DMS01, DT00, FMM98, GR05a, GKV00, GB06b, GV98, HRR99a, Hei96, HY10, JX13, KGM10, KGM13, Kol99, KL00a, LE10, LP96, LMR98, LRD14, LS05b, Lu95, Not12, Pol16, TUV10, WX99, WE06, XQ15, ZLS12]. Convection-Diffusion
[BBM15, BDK12, BKS98, CKV99, FMM98, GKV00, GB06b, GV98, KGM10, KGM11, KL00a, LP96, LMR98, LS05b, Lu95, Not12, TUV10, WE06, XQ15, ZLS12].
Convection-Diffusion-Reaction
[CDG+09]. Convection-Dominated
[Ber95b, DMS01, GR05a, HR99a, Hei96, HY10, JX13, WX99]. Convective [HHT03].
Conventional [LZ04]. Convergence
[ABF96, BK04, BVW03, CDH98, CH02, DH95, FS02, FP14, GGL07, GK12, HHSW11, HB06, IM97, Kool99, LZ02, LS05b, MW03, NN12, QSB98, Red99, Ros05a, SO15, Son12, SLC01, VL10, Vlt09, WMSG09, WZ15, vdyV00, BY93, HLS93, Le93].
Convective [HHT03]. Conventional [LZ04].
Convergence
[ABF96, BK04, BVW03, CDH98, CH02, DH95, FS02, FP14, GGL07, GK11b, HHT03, HHSW11, HB06, IM97, Kool99, LZ02, LS05b, MW03, NN12, QSB98, Red99, Ros05a, SO15, Son12, SLC01, VL10, Vlt09, WMSG09, WZ15, vdyV00, BY93, HLS93, Le93].
Convergent [Abg09, BB10, BK08, BM01a, Ros96, TBKF14, XK08].
Conversion [CC11]. Convex [AP01, BV03, FKQS17, LNS96, MK96, OK13, SCDM+10, TV98a].
Convex/Concave [LNS96].
Convexification [GPZ17, XK08]. Convexity
[LR99, Ob13].
Convexity-Preserving [LR99].
Convolution [Ban10, BSS17, DD13, GT06, HT14a, HS06d, KKT13, LFLS08, LS02, PGLD96, RO15a, RWA95, SLFL06, ZW03].
Convolution-Diffusion [GT06].
Convolution-in-Time [DD13].
Convolutions [BR11]. Coordinate
[DZ12, DR13, MB13, MHS98, PXY16, QZZ14, YPN+01]. Coordinate-Stretching
[DR13]. Coordinates
[BMTZ13, BN00, CM98c, HK02, LWCL03].
Copper
[Ben13, Ben15, Tum10, TBC+11, Vas05, vdyV01, vdyVDE+02, vdyVDE+03, Vas07].
Core
[ADL+12, Ros96, RS99, RTR+16, AGL10].
Corner
[CKS01, DP07, LTC13, SL09a].
Corners
[EO16b]. Corotational
[HSSW08]. Correct
[Pat97, ZH09].
Corrected
[AW11, BMV13, DR13, RWW14, Str95].
Correcting
[SX16a]. Correction
[CMM95, DH95, DT00, FTY15, GXY15, Hei96, KSU14, OZ16, SZ06, VC00, Yav98, LK93].
Correction-Type
[CMM95]. Corrections
[CWX15, HO96b, RS16, SAB14]. Corrector
[RC06]. Correlated
[BzCS11, Hei13, HTH+16]. Correlation
[ABT14]. Correlations
[BBB13].
Corrupted
[HLZ13, MRL+17, ZY09].
Corruption
[SX16a]. CORS
[CJH11].
Cosine
[AMHR15, FO08, LCA08, RO12, RO15b].
Cosmic
[SCM10]. Cosmological
[RF10].
Cost
[CDPC13, RMC12, SE13, UA04, WMSG09].
Cost/Reliability
[SE13]. Costs
[BSH16].
Couette
[Kup98]. Coulomb
[CH01, GGM01, HSW08]. Counting
[KPP+14]. Coupled
[AFF+15, ATK12, BF01, BBGS13, BG07, CLS16, FN94, HKD13, HSSZ09, KLJ10, RWWK14, RWWK15, WH13, ZF14].
Coupling
[A_CLR09, AGL10], Ros96, RS99, RTR+16, AGL10].
Criteria
[AGL13, BHvST14, BR05b, Don06, EV13, FS08, INS05, JSV10, WI12a].
Criterion
[CMM95, GL03]. Critical
[BHW99, KM05, LZ01, LZ02, YZ05].
Criticality
[Zas95]. Cross
[BLS14, DV98, GKR07, KL15, RO15a, WE13, WOO94, ZWH+14]. Cross-Entropy
[WE13, ZWH+14]. Cross-Ratios
[DV98].
Crossing
[JG02]. Crossings
[BG11].
Crosswind
[WX99]. Crout
[LSC03].
Crowding
[Ban08b]. Crystal
[AAB+15a, AEMM16, CS94, Fli13, GX16b, HLM16, PV15, RG13]. Crystals
[CS94, MMRN15, RS00, ZYLW16]. CSE
Damping [EDGL12, Ko99, WWJ12].
Dantzig [VWY12].
Daphnia [BGSV15].
Darcy [EZ11, ACL09, BT13, CLS16, HLLM15, V09, XZ10].
Darcy-Flux [EZ11].
Darwin [LM15].
Data [ABKS16, ACLZ15, AKM+14a, BBS98, BL03a, BS06, BG10, BB08a, BzCS11, Ber00b, Bör99, BZ97, BGR16, BF107, CPT05, CH09b, CLKN98, C17, DGS08, DJM16, DZ13, EPU09, FS12, FS13, GLS08, GS12, GH14, GMPZ06, HMST11, HHS+16, HW99, HKC+04, Hö94, IA14, JLZ16b, KTB14, KY14, KLS08, KP05, KKW+14, KP07, LOSZ07, LR99, LNS96, L99, LZ13b, LS09, LB07, LB08, MZW09, MDC08, NNT13, PGLD96, PK16, PL+16, PDC99, PS12, PJ96, RLG98, RDB16, RNR13, SDNL10, SX16a, SKJ+13, SX11, SW10b, TBKF14, Til15, Wil09, YCZ13, YS16, ZCC+16, ZFHS15, DR93b, Gu93].
Data-Bounded [Ber00b].
Data-Driven [IA14].
Data-Noise [BG10].
Data-Parallel [CLKN98].
Data-Sparse [BB08a, Bör99, LOSZ07].
Database [HB04].
Daubechies [Jam96].
Daubechies-based [Jam96].
Davey [KR11].
Davidson [AH04, CPS94, FسوV98b, HL10, Hoc01, HHLW15, NvdP00, RZTK+15, SSW98].
Davidson-type [NvdP00].
DC [vdDA12].
DCT [ZLBC03].
DD/AMG [BFJ+15].
Dealiased [BR11].
Deblurring [BNP15, BDE08, CDBH16, CC10, CH08b, DEC05, MO00, NCT99, SC03, WNC08, YYZ09].
Decay [BC13, ZC04].
Decomposition [ABLS05, ADGP07, AK04, BMP14, BMP16, BDD+97, BDHS10, BJNN02, BL04a, BFJ+15, BLB00, BCLT15, Bet08, BLP14, BF95, BFK03, BEKM16, BT13, BIA05, Cai95, CSM94, CDS98, CBS00, CCG14b, CGHT14, De 12a, DM13b, DT95, Den97a, Den97b, DW94, FKK+14, Gar94, GLMN15, GJM94, HMK+13, HLLM15, HN06, HM14, HS06c, Hes98, HJMS07, IW14, JFG13, JKK01, JCL07, JS10, Kla98a, KW00,
KLR15, Kus97, Lee13b, LW15, MRS04, MPRW98, Moe01, MR94, Mu95, NH13, OT11, Ose11, PS10a, PL12, QSV06, Rav02, RL10, RGG06, SRM+15, SAY03, ST98, Ste99, TNL14, TVM12, VMV15, WG00, YCC10, Yu01, YSS07, YYY11, ZS02, Ain96, ALT93, BD93, BZ93, BR95, Cai93, DS95a, He97, Nat95, Nat97, SS93c.

Decomposition-Based [CBS00, JS10].
Decompositions [H¨os94, LWZ13, Rah13, RDB16, DH16, YR98].
Deconvolution [Bar99, EK14, DG95].
Decoupled [HZXC16, KS14, SY14, Ske00].
Decoupling [LC05a, LC08, Sch02, WNC08].
Dedicated [DMD+12].
Dedication [PS97].
Defect [DH95, DT00, EM96, Hei96, SZ06, LK93].
Defect-Correction [DH95, DT00].
Deflated [ARMNW10, GGPV10, JvGVS13, Mor02, RF07, SYEG00].
Deflation [AEFM17, BEFW98, CGL+13, FFB15, FV01, HLM16, NV05].
Deflation-Based [FV01].
Deformable [ABCP08, PRM09, Ros06a].
Deformation [GKT09, PWGW12, de 99].
Deformations [DZ08].
Deforming [Ros05a, Ros05b, TK13].
Degenerate [BCF12, BBM+15, CLST03, CHL16b, LSZ11, Slo02].
Degraded [NO98].
Degree [Ash95, DEV16, Gre03, IMS96, SV11].
Degrees [HHL07, Lin06].
DEIM [SE16, WSH14].
Delaunay [CWL+14, CC06, CC09, CC12b, DV98, FCC10, Gär09, HGP+14, Joe93, JGZ06, LC05a, LC08].
Delay [BP97a, BMV05, CZK15a, 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, dVPS+17].
Denoising [AKM+14a, CC10, CC03, CMK11, VO96, WNC08, WY13].
Dense [BOR97, BDvdG05, Bør07, Che98, DB98, FT03, HLD12, HW94, HJS99, Hog13, LXdH16, Nat98, PPB13, Rah96, WLX+13, Yan94, LJ93].
Densities [Gub96, KKS08, SY10a].
Density [AM05, Bar12b, BTGH12, EMT09, ES00, FGMP13, FGMP14a, FGMP14b, HSF07, LY13, PCL+16, Red09, RN14, TV98a, UWy+15].
Dependency [Til15].
Dependency-Aware [Til15].
Dependent [ATK12, BS15a, BCM11, BFS16, CB98, CCG14a, CEJ+10, CBS00, EKSW15, GLOR16, HV04, Hwa07, Kna98, LH00, MO00, ML11, MNZ15, PWN16, RZ03, RSS08, RWX07, SE11, SB05, SKJ+13, TUV10, TPT+16, XCS16, ZN16, ZCW10, vSRV11, Nor07].
Dependent/Algebraic [TPT+16].
Deposition [GST+99].
Depth [ZCl06].
Derivation [ABBM98a, CGI11, FHFR13, XW05].
Derivative [AMHR13, BtVC¸G+10, DZ15, FF15, HR14, HBSC97, IT14, NL16, SPKB13, XCS13, DS95b, SS93a].
Derivative-Extended [SPKB13].
Derivatives [Cao07, DS97, GPK04, HV14b, KP09a, Man99, ÖB05, RKL07, MS93a, WTS94].
Derived [CL03, LM00].
Deriving [DO11].
Described [AKM14b, GPS95].
Describing [MK96].
Descriptor [GSW13, HSS08].
Design [APSG14, APSG16, ACLZ15, BFI07, CM98a, CM98b, CGDD11, DKKP14, SS93a, WTS94].
Designing [CCO11, Huc08].
desingularization [HLS93].
Detailed [HS16, YS16].
Detecting [CE17, FD03, VP11].
Detection [AFMP15, BS95, BBC+16, CGKM16, CD06,
Determinantal [PH16]. Determination [Jac03, JK15, NH14, XC13, Sar97]. Determining [BIK02, CWD13, GJ05]. Deterministic [CCM05, FS12, FS13, Kue12, LTT16, Ros96, WKKP13, XZ14]. Deterministic-Stochastic [FS12, FS13]. Deterministic/Monte [WKKP13]. Detonation [BJ01, BBH16, HLW00]. Detonations [COZ96]. Developing [LHL11]. Development [DMBB10, LZ99a, PV15, TKCC13, WL01, CSS93a]. Device [FFMT96]. Devices [BBGS13, BG07, BBH16, RWA95]. devising [Yav93]. DFN [BPSV15]. DG [KR14, Leh15]. Diagnosis [BT00b]. Diagnostics [Str93]. Diagonal [AKA13a, APC04, Cas97, NP10, PKNS14, Saa05, TS11, VV13, dSL05]. Diagonal-times-Toeplitz [PKNS14]. Diagonalizable [HLTT97]. Diagonalization [BOR97, SBR06]. Diagonally [CEHN08, KW15, QS08a]. Diagonals [DHHJ09]. Diamond [MHL+15, MW15]. Dielectric [GJLX16, MG11, XJS12, XJS13]. Diffeomorphisms [CM90]. Difference [BS04, BM10a, BM10b, CZZK16, CLTX15, DGLW16, FV06, FS02, Gas13, GHST98, GW04b, GM04, HZ11, IW14, ILK05, IT09b, Jia14, JSZ13, JX13, JZ00, KP09a, KW16, Kup01, LNP15, LN03, LW03, LSZ11, LP03, Lu95, LK98, MC10, Min02, NN03, Not00b, OL98, OSCE00, PKD13, QS03, RU01, RLC08, Str99, TB99a, TW05, Wan04, WB12, Ym02, ZLLT13, ZLJ96, Zin00, dVM08, Elt96]. Difference/Element [ZLLT13]. Differences [ADK+98, Hun96, Kwa99, RMR15]. Differentiating [BT03a, BN13, BMV05, Kye12]. Different [SY10a, BME93, BEM94]. Differential [AC08, ACVZ12, AVZ13, AW15, AS94, BP97a, BJNN02, BS96a, BCM05, BB03, BBC07, BMV05, Bre17, BHP98, BHW99, BOPFG06, BB02, BLO07, BDW11, CG95, CB98, CLPS03, CP04, CZK15a, CZK15b, CZZK16, CCG14a, CCGX15, CCK03, CCG14b, CMM95, CRV13, EPR10, EF15, ELtHR00, EM99, FBF15, FGH+08, GASS98, GK03, GB98, GPS95, GW00, HHS+16, HTMM15, HH13, HJH18, HLS98, HO94, HO96b, HVW95, HV95, HHL07, HG00, HV04, HX11, HXB13, IM99, JLI03, KK13, KLR15, KW15, KMRW97, KR12, LCH09, Lee09, LMW15a, LLS13, LN05, LPR98, LZ13a, LCH99, MR09, MB00, McL95, MT97b, MT06, Miso1, Moo00, MS07e, PRM97, PP12b, Pul08, RMB00, RF10, RNR16, RW06, RX07, Sch89, Sch05, SE11, SE13, SWX16, SB05, SSH06, TSK09, TS14, Vli14, WLO8]. Differential [WH13, XK02, XO05, XT06, YR12, ZZK15, ZMK17, ZTRK14, ZCP06, ZF14, ZP12, ZKV99, Zyg11, bZOW07, AGC96, Boe93, BHP94, Gre93, HHRV93, Lam97, MT97a, MS93a, ZV05]. Differential-Algebraic [AS94, BHP98, CLPS03, CKK03, GB98, GPS95, GW00, HTMM15, KMRW97, MB00, PRM97, RMB00, Sc05, BHP94, MT97a, MS93a]. Differentiation [ALLK15, BBRO4, BV00, CV98, CJ99, GM00b, HBSC97, KLZ+06, LHF13, LkvbW10, MB00, PT08, XZ13, AMB+94, Jam96]. Diffraction [HSSZ09]. Diffuse [FKQS17, JLY08, Kds05, QS14, SKMF15, dSK11]. Diffusion [ADR14, AN17, ABF99, AHH12, AKM14b, AM05, Bar12b, BG98, BPR13, BBM+15, BDK12, BW01, BKS98, BHK12, BG04, CN12, CH08a, CMK11, CD15b, CLST03, CKV99, CDG+09, CFM96, CE16, CHL16a, CHL16b, EO15, EO16a, EFHL09, EV13, EPSU09, FMYT16, FMM98, FDS13, FDE+06, GW15, GKV00, GH07, GB06b, GT06, GV98, GGS08, HG98, HP14, Hen05a, HL16T, IP06, JX13, JLY08, JLZ16b, KGM+08, KGM+11, KBK+08, Kla98a, Kla99, Kna98, KLo0a, KL11, LS12a, LP96, LMR98, LR12, LM08, ...
LW12b, LS05b, LSV13, Lu95, LX16c, MEHL16, MO10, MPS09, Not12, PKNS14, PNV16, PDH09, PS08, PS13, PP05, Pol16, PC98, RC06, SBP04, SRS12, SY08, SYY09, SM94, TTSM08, TK13, Tu08, TVU10, TM14, UEE12, VS04, WXK04, WDE +99, Wan07a, WB12, WH15, WE06, Diffusion [XQX15, YTLI11, YYY11, Zbi11, ZJC12, ZRTK12, ZTM +16, dFL05, ZLS12]. Diffusion-Advection-Reaction [Zbi11]. Diffusion-Reaction [EO15, EO16a, VS04]. Diffusion-Wave [JLZ16b]. Diffusions [KOSB16, ZWH +14]. Diffusive [CM09, CILZ15]. Diffusively [BMV13]. Digital [Gu93]. Digits [Nik13]. Digraphs [MZW09]. Dilute [KP10]. Dimension [Ain14, AS16, BS05a, CM98a, CKLL16, GBCT10, HC95, IT14, MR07, PSDF12, Red9, RT99, SvG10a, SD10, WS05]. Dimension-Independent [CKLL16]. Dimensional [ABC +16, APSG14, AILP07, AHR12, Aru12, ASS16, BT06, BBKK97, BBSW94, BP06, BTWG08, BTGMS13, COZ96, CHR99, CGS02, tVCAU10, CGX15, CC09, CL08, CJ95, CGM00b, CST +13, DD00, DF99, DSZ13, EdDP09, FCC10, GJ08, GVP06, GKC13, GGL +98, GB06b, GT06, GV98, GH14, GC16b, HIMS15, HM98, HJ07, HZX16, HRT03, HRT13, HC98, HRR9c, HS98, Hum95, Hum96, HP1M14, JK07, Joe95, JK08, JP01, KL06, KL10, KR06, KS15a, LL98a, Le 09, LP08, LS95, LCA08, Lem16, LB15, LY16, Liv08, LD04, Mac98, MV09, MA10b, MXYB16, MB13, ML11, MZ94, MMN00, MDC08, NK1LW9, NJ14, NS06, NMAB11, OS14, PN13, PVK16, PMR16, Pet99b, PMSG14, PP13, PM15, RRR03, RT01, RW07, RF10, RDP08, RO12, Sch02, SWB16, SY10b, SY12, SWX16, SM94, Sma04]. Dimensional [Ste16, SJD14, TC99, Tsy99, Ush01, Vl09, VS03, WXK04, WS05, WMC12, WB12, WWM03, W098, WCHZ14, Wen08, Wen10, XBC96, Xu04, WX05, Yam02, YHQ12, Yu01, ZSpH14, bZOW07, vHCDD15, APSG16, Elt96, ED95, Joe93, KT08, SRCG93, SMRO1, Hes97]. Dimensionality [ABTZ14, GH14, OT09, Sma04, ZZ04, ZCC +16]. Dimensions [ABMR11, ABIGG16, AA02, BK99, Ber95b, B05, BM05, BBMR03, BS13, CM98b, CP07, Dk00, DS14, DK03, EZ11, EG01, FK00b, GGLT00, G06W, GC97, HS94, JVG12, KKR16, LAC14, Leh15, MBB15, MLL13, Moo00, NX12, NH12, Ong97, OT09, PV08, PWZ10, Pek12, PSSW15, RRR05, RR98, Sha12, SW07, TT13, Tu07, WS07, WDE +99, XB16, YTLI11, ZF14, Cai93, EOD93, HHR93, MSS12, Smi93]. Diminishing [WI12a]. Dipole [Rah96, WK9 +07, vWBV09]. Dirac [BK14, FK14, Rub12, SJD14]. Dirac-Delta [SJD14]. Dirichlet [BG04, BG15b, HC95, IT14, KKK +07, vWBV09]. Dirichlet-to-Neumann [DS14]. Disaggregation [KV13, D96]. Disappearing [AP13]. Dimensions [GB98, GM14b, LS94, RH06, TB02, WL97]. Discontinuity [DQ13, HT14, LCH09]. Discontinuous [AB17, AGH13, ACCP13, BB13, BCS11, BDK12, BMV11, BG04, Cas90, CKN24, TCO1, CD02, CV13, CHH10, CDG +09, CS16, CKRS07, DLM16, DF99, DHE13, EKSW15, EVLW17,
Discontinuous-Coefficient [DF99].
Discontinuous-Continuous [Kim08].
Discrepancies [GPS12, MC94].
Discrepancy [CZ13].
Discrete [AP14, AN16, AB08b, AKM14b, ACD08a, ACD08b, BT06, BST08, BPS13b, BPS13a, Bur07, CHKMI3, CS10a, CW13, Che13, CW14, CW16c, CH11, DJW08, DG16, EEO01, EdDP09, FH06, FT03, FGH+08, Gär09, GNOR14, HHE10, HM10a, HH13, HPS06, HGPM14, JV96, JLZ16b, Kof04, KZ16, LCA08, MR04, MEHL16, MNvST13, MM07, MRL+17, OV07, PBWB14, PRR05, Rah96, Reg96, RF10, RS02, SBX+08, SW10b, TZ14, VN03, WO09, WB00, WkZ15, ZD09, ZW03, ZRK15, ZNX14, vGVE07, AD96, HO93, Sch96]. Discrete-Dipole [Rah96]. Discrete-Ordinate [HHE10]. Discrete-Ordinates [AKM14b].
Discrete-Time [JV96]. Discrete-Velocity [BST08, HPS06]. Discretisations [Hun95].
Discretization [ABB98a, ABB98b, ABIGG16, BAS09, BP12, CJ05a, CV16, DPO0, DT00, FHL13, Gas13, GV98, HHvR03, HJP03, HHI1, HZ16, HV07, JSZI3, KLV+16, KMS15, KGR16, KG14, LDS11, LMW17, LD16, PMH+16, Pet05, Pic10, TC12, dVL10, Gre93].
Discretizations [ADGM98, BJM03, BYL13, CGAD95, DT03, EHS+07, FH06, GJP+14, HZ11, JK00, Kan03b, Kye12, Lee10b, Lee10a, Lect12, MMA98, PWZ10, PP08b, QS03, SV08a, TW13b, TM14, TV98b, Ul110, UEE12, VW05, WW03, YBH15, MMPR93].
Discretized [Bjo95, DGB15a, GM14a, ISG15, KT08, RNR13, RLC08].
Discriminant [AdVC00, CG10, CLN12].
Discussion [ABB98b]. Disease [BF13].
Disk [TC99]. Dispersion [ALLK15, DW15b, GKI11a, Le 05, VSBH99, XS08, MP94]. Dispersive [DLM16, GMI14, HLS11, PS10a].
Differentially [APS12].
Dissipative [CDGT01, GMO14, LSU11, LW16, Mal07, Sha03, WS95]. Distance [BvC+10, CS11, CSS12, Gro02].
Distance-2 [BvC+10]. Distances [BBK06]. Distillation [Aud99, ZY05].
Distinct [FBC15]. Distorted [SY08, SY09]. Distributed [AK14, AK04, BKGV16, BDD+97, Bar12b, BCGS1, BCF13, BTY08, BvC+10, BF00, CHJ16, DS16, DGRZ15, GY06, GKK10, HKR02, HWD02, HV04, IBWG15, KM99, KL12, KZ16, PR96, Rag95, SS99, SE13, Sun96, TD99, Wan07a, Liu93].
Distributed-Memory [BvC+10, Gon15, PR96, Sun96].
Distribution [AB02, ADR14, BLH02, BV16, DGS08, KK02a, KB96, Lui15].
Distributions [BSHL14, CS14, Gub96, Man99, PF12, SBM07].
Div [DMM05].
Divergence [BF14, MS06a, Sch02, Tor05, WW09, XZ10]. Divergence-Free [Sch02, WW09, XZ10].
Divergence-preserving [Tor05]. Divide [HLD12, LT09, LS13b, NH13, TD99, VXCB16, VTD12, LL93].
Divide-and-Conquer [LT09, VXCB16]. Dividing [Hun96]. Divisible [IK10].
DMplex [LMK16]. DNS
[BCM15a, Hof05]. DNS/LES [Hof05].

Domain
[ABLS05, BMP14, BMP16, BJNN02, BL04a, BFJ+15, BLB00, BRT07, BCLT15, BSS17, Bla98, BCC16, BT13, BIA05, Cai95, CMS94, CHL06, CV14, CCG14b, DD13, Den97b, DLM16, DS95a, DSZ13, DW94, EHL05, FKK+14, Gar94, Gri95, HMM+13, HLLM15, HRT03, HN06, Hes98, HLY13, JFG13, JKKM01, JCL07, JZ00, Kla98a, KWO0, KLR15, 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, CVVK15, CF05, DK11, DR13, DW15b, FDFW07, FKW13, HG02, HHT03, HT09, HW15, ILW13, ILK05, JK07, KCL16, KL15, KLY05, KC16, KNV+16, RS03, SY12, SK05, SF08, XT06, VB07].

Dome [Nie16].

Dominance [Saa05]. Dominant
[LW13, QS08a, RM08a]. Dominated
[BER95, DMS01, GR05a, HR99a, Hei96, HY10, JX13, WX99, PCDB96]. Domiach
[DG99]. Donor [MS98]. Dosimetry
[DL16]. Dot [CWC08, OR06]. Double
[AMVR17, BHG14, Nie06].

Double-Exponential [AMVR17].

Double-Precision [Nie06]. Doubly
[BCT07, DP98, Slo02]. Down [SCM10].

Downrating [AB16, BPT93]. DP
[KL06, KL10, KLR14, KKR16]. DPG
[GMO14]. DQDS [LGP14]. DR [LMW15b].

Drag [Hof05]. Drift
[BS95, BHN10, BBM+08, Kla98a, Kla99].

Drift-Diffusion [Kla99]. Drift-Flux
[BHN10]. Driven [DEV16, GDL14, IA14, MP08, TVV11, Kös07]. Driver [Der08].

Driving [BM11]. Dropping
[KRT16, May05]. DRp [PP12]. DSMC
[Ste11]. DST [ZL03]. Dual
[ACC00, BCS07, BO07, BC09a, CGM99, CW14, DFG15, HS06d, HQ+16, HSW08, IMS96, KR06, KM16, LD03, NH12, PWGW12, Rad16, Zam16, FCR93].

Dual-Porosity [HQ+16].

Dual-Porosity-Stokes [HQ+16].

Dual-Primal [KR06, Zam16]. Duality
[BBT11, CJK10, CH11, FM16, Hofo04, WW03]. Duality-Based
[CJIK, Hofo04]. Due [Men94]. Dumbbells
[JP10]. dummy [MS93a]. During [May08].

Dusty [PL06]. DWT [ZL03]. Dykstra
[BR05]. Dynamic
[AFK15, BBGS13, Ber98a, BB09, Cab94, CCF12, CE17, DEP11, GGL00, HM10a, HBJ04, HEGH14, KKK16, LXS+08, NNR09, PR09, RP01, SV08a, SSW98, WMI09, WS16, YP09, ten95]. Dynamical
[AKT16, BS05a, BCP15, CW12, GDL14, HH00, LS11, MTM08, NK15, RM08a, SHP07, Sma04, WTW09, WSH14]. Dynamically
[BBS10, MM98, MN10, MNZ15, SNB16].

Dynamics
[APvDG12, ACC13, BLS09, BMTZ13, BOR97, BLR99, BCM15a, BRK16, CTB15, CGK13, DY06, EWO0, FGL10, GKR16, HJMS07, ISG15, JH04, JAY98, Kim05, LR10, LL98a, LL11, LF18, NK10, NV08, N+14, OKF14, RKKW14, RKKW15, RN14, SML10, SCH94, SHA03, SP02, SSZ97, SKE09, SAY03, TKW08, TPW09, WGF08, YHS07, ZIM14, AP03, SRCG93].

Each [CGL+13]. Early [LFB08].

Early-Exercise [LFB08]. Earth [KY14].

Easy [GG09]. Eccentrically [GP96].

Eddies [SL09a]. Eddy
[AL07, BST08, CCCZ10, EAS08, Hofo04, JZ16a, KL12, RH09]. Edge
[BG10, BBMR03, Cas97, HHMS15, HO15, HH16, MNP07, PH13, PSC+16, RT01, Wal13, dVL10].

**Edge-Enhancing**
[HHMS15]. **Edge-Preserving** [BG10].

**EEG** [AFF+15, EVLW17, WKM+07]. **Effect** [FLM+05, HIJP04, SHP07]. **Effective** [AHH06, CP05, EHL05, JZ13, Kye12, MCT+05, NV08, TG04, WS05].

**Effects** [AAB+15a, DS96].

**Efficient** [AFK15, ACC000, AM05, ABTZ14, BS08, BK07, BS95, BCR11, BS06d, BMTZ13, BDdSM11, BSSW13, BL07a, BS16b, BT97, BFS16, Bol03, BV00, BR11, BBK06, BRK16, BHK12, CB98, CMS94, CH02, CL03, CHX15, CN10, CV98, CJP99, CRV14, CD06, CVW06, DH03, DAE02, EW00, Ema10, EPSU09, ES00, FDFW07, FNN05, GS16, GNOR14, GCB15, GLL+16, GST12, Gon15, GM14b, GKT09, GS02a, GE96, HRT10, HNS08, HJS99, HBJ04, HBS07, HMW07, IBM01, Jinh99, JW13, KW07, Ket08, KZ00, KPP+16, KHW+14, LMKG16, LS13a, LLW16, LZ17, LZ13b, LM14b, LLZ15, LC05b, LD11, Lu05, MMRN15, Mac98, MH95, MXYB16, MLL13, MST15, MD15, Mon08, NH13, OS98, OGO16, PKR+13, PHJ11, PM+16, PSS17, QOQP09, RMR15, RY03, RW07, Ren15, RKL09, RS13, RS99, RO15b, SS98].

**Eigensolver** [BDvdG05, GPTV15, HJS99, HLT97, KPT16, Kxy01, Nik00].

**Eigenvectors** [AGSZ16, DMPV08, MRV06, MS06b, PQOB14, SVX15]. **Eigenspace** [BL04b]. **Eigenset** [BCS07].

**Eigenvalue** [AF15, AH04, BCS07, BBB14, BYL13, CR16, CJ05a, CDY07b, CHH10, DN13, DJLZ96, EMM+99, ET01, rs12, GK03, GY02, GVM14, HLD12, HvdG96, HL10, HvdV03, HHL15, HLM16, HLM03, JMM10, JKM14, KALO7, KSU14, LXX+16, LZ17, LWW+16, MV00, MS06b, Mee01, MG12, NZ00, NH13, Ng00, NvdP00, SG11, SW03, St07, TD99, VMM13, XVCB16, WI15, YGB+05, YBHY15, ZLG98, vD03, CW93, DS93, MCJN94, MS93b, Tre97,YL93].

**Eigenvalues** [ARMW10, AT15, BS05e, Bou01, BBO99, BS15, CCQ16, CP95, HLT97, KM05, MS12, MN11, OK13, Rah00, RN14, SZ06, SBND11, SM07, SO10, SVX15, YBLH16, Tre93].

**Eigenvectors** [KM14].

**Eikonal** [ABMR11, CV12, CV15, CCM14, FJP+11, FK13, GK05, JW08, ZCL+11].

**Einstein** [BD04, BS05c, BL08a, BL09, BMTZ13, BN00, BH08].

**Elastic** [CSW99, DDKM14b, HMKC04, Lay06, LLL07, LJJH09, Min02, Sci95, TY00, VMG09, LP06, TR93].

**Elasticity** [BCCK16, CLMM00a, CLMM00b, CP15, DP05, DZ08, GOS03, HH13, KW00, KR06, KC16, Kra08, MM15, Pav98, PWZ10, VBT99, CMV97].

**Elasto** [FKTW10, LXX08].

**Elasto-Acoustic** [FKTW10].

**Elastodynamics** [BH14, BRT07, BL04b].

**Elastodynamic** [BG06a].

**Elastoplasticity** [GV09].

**Elastostatics** [Sch03].

**Electric** [AAB+15a, AT07, BBGS13, BJ08, GLL+15, HSZ12, ZB12].

**Electrical** [HHMS15, vDA12].

**Electrified** [VPP05].

**Electrocardiac** [XLG+16].

**Eigenbasis** [Liv98].

**Eigendiagonalization** [HK99].
WR13, Wan04, Xu94, YZ05, bZOW07, Cai93, Gre93, HHRV93, McG95.

**Elliptic-Parabolic** [LV13]. **Elliptic-Type** [Kus97]. **Elliptical** [PRM09, Ros06a]. **Embedded** [AP12, BH12, CKN06, HBL05, KP05, KP06b, LKBvBW10, ÖB05].

**Elliptic-Parabolic** [LV13]. **Elliptic-Type** [Kus97]. **Elliptical** [PRM09, Ros06a]. **Embedded** [AP12, BH12, CKN06, HBL05, KP05, KP06b, LKBvBW10, ÖB05].

**Embedding** [DN97, GLT09, MDC08, CG93]. **Empirical** [AN16, CS10a, DG16, DHO12, JK10, Kea97, PBWB14]. **Employing** [WWY11]. **enabled** [CGHT14]. **Enabling** [MKWG15]. **Encapsulating** [UA04]. **Enclosing** [LHL12]. **Enclosures** [BBB14]. **Encoded** [NNRW09]. **End** [ZMK17]. **End-Point** [ZMK17]. **Endpoint** [AMVR17]. **Energetic** [Lee10a]. **Energetics** [BZ10]. **Energy** [AK15, AAB+15a, AN16, BPS14b, BW01, BJ08, BMR13, DK10, DJP00, DG09, Doh03, DS14, GJ08, HSW08, HKR16, HJP03, HJP04, In99, KG14, LW12a, Li03, MNP07, OST11, OWO14, RWW14, Sha12, SY14, Vas10, WC00, ZYLW16]. **Energy-Based** [Sha12]. **Energy-Consistent** [HSWW08]. **Energy-Corrected** [HKR16, WCS00]. **Energy-Minimizing** [HKR16, WCS00].

**Energy-Transport** [BJ08, DJP00, GJ08, HJP03, HJP04]. **Engineering** [JKR08]. **Enhance** [Zen16]. **Enhanced** [ADK+98, EEO01, HLM+09, HTH+16, JFG13, KM98, PTDVM08, Zim13].

**Enhancement** [DGP10, DS97]. **enhancements** [EG93]. **Enhancing** [Gup17, HHMS15, NZ06, Wan12]. **ENO** [CLTX15, GB12, JP00, JSZ13]. **Enriched** [HY10, LLW16]. **Enrichment** [OS15, SL09b]. **Ensemble** [GCR16, LTT16, LM14b, LM14c, Rei13, UWY+15]. **Ensembles** [AM04]. **Entries** [ADL+12, ADLR15, CXY10]. **Entropy** [AHT12, ADM+15, B109, BDMFSL04, DGS08, FR10, PCFN16, Pup03, WE13, ZWH+14]. **Entropy-Based** [AHT12]. **Entry** [BCT07]. **Enumeration** [AJJS01]. **Environment** [ADL+12, BS98, HBB+16, LCB07].

**Epistemic** [LV12, LQX14]. **Epitaxial** [BVH05, LL11]. **Epitaxy** [QZT11]. **Equal** [RMD08]. **Equality** [GH01, HD15, WLX00].

**Equality-Constrained** [HD15]. **Equation** [AB16a, ABMR11, ADKM03, APS12, ALLK15, ADGM98, ABIGG16, AB08b, AL99a, ATY07, AP12, ABI00, BBE13, Ban10, Bar12b, BPB07, BSL14, BT97, BCM11, BGS09, BV08, BV00, BP13b, BIA99, BTT13, BLM03, Bru15, BW09, Burrelli, CC14, CGK+98, CS01, CL10, CCG14a, CP03a, CP05, CP07, CZ10, CD13, CH08a, CDH98, CLAT10, CD15b, CWX15, CJ95, DMNO05, DJT08, DLY16, DJHJW08, DKKP14, DKO12, Du11, DPE16, DKKM14b, EBR00, FF05, FJ99, FLM06, FPL06, HLL13, Fro12, FJP+11, FW13, GS98a, GMN02, GZ16, GNO14, G98, G98, GKO5, GHR12, GHR13, GD03, GL10, GX16b, HG98, HHT03, HHE10, HP14, HTMM15, HT13b, HHSW11, HRT03, Hen05a, HSZ12, HC98, HR99c, HW09, HV07, J50, JGV12, JLY08, JS10, JW13, KMW15, KA95, KMS15].

**Equation** [KKF11, KL13a, KP10, KL13b, KP05, KP06b, KS14, KO13, Lar99, LMMR00, Lee10b, Lee10a, Lee12, LM05b, LB15, LY98, LXX08, LX16a, LX16, LZO4, LX16b, MRS04, MG11, MNKB10, MW03, MC12, MST15, MR01, MV06, MW16, Nas09, NAS13, NMS06, OL98, PDH09, PR01, PMR16, Pet01, Pie10, PV15, PBtTB+15, QS14, RBH06, RU01, RK07, ST16a, SBP04, Sch05, SAB14, Str94, Str00b, SD11, TY08, VMG09, VB07, WXK04, WGT14, WiO08, WH13, XKW08, XS08, YMW07, YTL11, ZLLT13, ZLLT15, ZNZ16, Zha96, ZD09, ZJC12, ZW03, ZSpH14, Zhe07, ZLTA15, BDP96, CDH97, EL96, JS93, Lie93].

**Equations** [ARMN10, AC08, ACVZ12, AVZ13, Abg09, APZ13, AFK15, ACL09, ALJ99, AW15, And16, AP00, ABK11, ACD95, ADK+98,
Equatorial [Mar09].  
Equidistant [bZOW07].  
Equidistributed [BKS98].  
Equidistribution [Che94, CF97].  
Equilibria [AEMM16, AHJS01, HBJ04, Kue12].  
Equilibrium [AAB+15a, CHL16a, PP05, TW96].  
Equivalence [FKTW10, WB99].  
Equivalent [DH01].  
Equivariant [Tau96].  
Erasure [ZGG17].  
Ergodic [Vil15].  
Ericksen [CGGGS15].  
Erratum [BEM94, CDW14b, FGMP14a, FS13, Hri05, LB08].  
Error [ABF99, AV14, AdVC00, Ain07, ASZ07, ATH12, BR02, Ber95b, BPS14b, BCM11, BP13b, BBT11, Bre99, BDW11, Cab94, CKOR16, CP04, CaO7, CGAD95, CF01, CP03a, CK03, CP07, CWC08, CJ09, Che94, CV94, Cho05, CCH15, CWG10, CH01, CE16, Ded10, DP09, DEV16, DG16, EHW00, EMT09, FL02, GLS08, GGL07, GSS00, HHS+16, Har08, HHW00, HL98, Hof04, HR99b, JSV10, KKP14, KLS+15, Kas95, K99, KW10a, K012, KW15, LV07, Liu96, LPP09, LX16c, Men11, MNZ15, Nor07, OS15, OC03, OC05, PS02, PDH09, Pic03, Pic10, PSI10b, Rad16, RL13, San10, Sch03, SKJ+13, SSF16, TE07, TO15, TP09, TBO10, WC03, WWY11, We94, WW10, WSH14, ZCK12, ZFLB15, ZHS10, dLRT09, vdZvBdB10a, vdZvBdB10b, DG95].  
Error-minimizing [Wei94].  
Errors [GK11a, GGK+04a, GMO14, GKR16, GPS12, Hei13, HH99, Men94, RW97, Rub12, SX16a, ten95, AGC96, SS93b].  
Errors-In-Variables [ten95].  
Escape [GDSL14].  
Essential [Sch09].  
Essentially [CFR05, HKYY16, QS05a, QS08b, ZLS12].  
Estimate [BR02, KLS+15, Str93, Wat98].  
Estimates [AL07, BP13b, Bre99, CDH98, CAB04, DEV16, HHS+16, HZ11, HR99b, JSV10, KL15, KL94, LD03, Men11, PDH09, TBO10, WW03, ZCK12, ZHS10].  
Estimating [AMHR13, HSB12, HR14, HR16, KK16, Li93, MW11, PVV11, SLO13].  
Estimation [AK15, ABF99, Ain07, ALLK15, ATK12, AM05, BP97a, BG10, BF13, BPS14b, Bla03, BBT11, BM00, CP04, CCH15, De10, EHW00, EMT09, ES00, FB95, GCB04, GM00a, Gk13, Har08, HCR1T3, Hei13, Ho04, HTH+16, KH14, KS99, KLR98, KHu96, KHK16, LV07, LX08, Liu96, MS07d, Ng94, PWG16, PCL+16, PS10b, RW13, SPKB13, SW01, TE07, TO15, TTY16, TP99, WWY11, WE13, Win06, WSH14, YR12, YS07, ZFLB15, ZTM+16, ZW16, vdZvBdB10a, vdZvBdB10b, Liu93].  
Estimator [Che16, LPP09, Pic03, Pic10, Sch03, SF16, WW10, HW99].  
Estimators [T16, Red99, TV98a].  
Euclidean [ACC00].  
Euler [ABCM97, CBG12, CCM08, CK15, CPR11, DDGS16, DT03, EOD93, Ema97, HG02, Her08, KLS+15, KQW04, LK93, LLL99, LW03, LLL98, LSS93, MW06, NBA+14, SMN10, TKK16, TV93, Xu99, YIC14].  
Eulerian [AHH12, AHR12, BCI5a, Gra14, NS10, WLE+00, WZET13, WT16].  
European [AO07, FO08, OGO13, OGO16, Top08].  
Evaluate [BS98, Bar00, HS99a, PRM09].  
Evaluating [DP07, Li10, Yun03].  
Evaluation [AO07, Bar14, BWV15, BN98b, BV98, CBN02, CBS00, DP09, Far01, FM12, GJMJ94, GPK04, GKP04b, HKT+13, In99, JLZ16a, JF16, Kea97, KKL05, KLST06, KS07, KW11, LS12b, LHN96, LG09, LX14, Nit99, OSU10, OW98, RMC12, Ros06a, SNB16, BS94, SS93a].  
Evaluations [KHRvBW14, TZ14].  
Event [GL15, Kofo4, LL15].  
Every [Fer98].  
Evolution [And16, BEG+08, BGN07, BGN08, BGI15, CGKM16, Coa12, DHO12, E0Z94, JTZ08, KM97, KLS08, Kup90, LPS13, LFLS08, LMM04, Mcl12, MK96, MRSS14, RS00, SL11, ZFLB15].
Evolutionary [CDGT01, DKZ09, DLZ10].
Evolving [CM09, CW16c, NNH99, TN16].
Exact [BHNPR07, BL014, BB08, CFSZ08, DN97, Fli13, JP08, NHSS13, NSM06, Oli01, PDH09, PV08, PEC+14, Saa03, SBP04, SWU16, Str93, VS03, WMUZ13, ZH09, HLS93].
Example [CST16]. Examples [MT99, GM96].
Exascale [MRL+17].
Exchanger [VP14].
Excitation [CVK13].
Execution [MZW09].
Exercise [LFBO08].
Existence [FLM+05, Gar09, Zyg11].
Exit [BP06, GDLS14].
Expansion [Bur97, CJGX15, DLY14, OC03, OC05, PDA09, RZ03, RO12, ZRTK12].
Expansions [BBKK97, BDW11, CJ05b, FO08, JK10, Kei09, RT05, Rub12, RN14, SM15, TW09, Nat95, Nat97].
Expectation [LR10].
Expectations [ML11].
Experience [Car93].
Experiment [Ber97].
Experimental [BFI07, TBKF14, BL03a].
Experiments [ABH03, APSG14, APSG16, Ban10, BBC+01, BG12, CGP12, CGDD11, DTT+16, GMT98, HRV11, vdHCDD15, Kor93].
Explicit [AVZ13, AA198, BPR13, BB09, BK11, CHAMR06, CZZK16, CS10b, CS10c, DW08, DG09, EJL03, FGS14, GKC13, GMM15, HS05a, HCR13, KW01a, Lay06, LD05, LMMSS97, MO00, PKD13, SS93a, VS04, WL01, ZS02, Ena97, LK03, ZSB16].
Explicit-Implicit [ZS02]. Explicitly [DCP11, EPE05].
Exploiting [AKA13b, ABB+16, EL93, GRT05, MDC08, SLvdGK14, SBS08, SW03, SVg10a, Wan12].
exploratory [Sun93].
Explosive [BB14b].
Exponential [AMVR17, AMH11, BDZ13, Bar12b, BN13, BGH13, COR13, CKOR16, DLP05, FMY16, HKYY16, HLS98, JL03, JL05a, LPS10, LW16, LT14, SDR15, SL09a, TLT12, vDE05, OS95].
Exponentially [BB10, Lan10].
Exponentials [PPT11].
Exponentiating [Lec13a].
Exponents [BHW99].
Exposing [BDO12, YS16].

Expression [IHTR12]. Extended [AKPR08, BPS13a, GH15a, HTW+12, KK16, SPKB13, Ser06, Yun03].
Extending [BBH+16]. Extensible [HHLL00, KMA+12].
Extension [AP14, BT04, Beu05, KO13, Pip13, RSA05, TT13, WJMT15].
Extensional [KP10]. Extensions [Cho09, DG16, FFS07, MH16, Nle96].
Exterior [HHT03, KL13a, NHSS13, TET10].
External [Tsy99, Tsy97].
Extraction [DTV13, MS07c]. Extrapolated [CS10b].
Extrapolation [ALZ14, BPR16, HL09, HW09, JR96, JR98, MMZ03, WGT12, WI12b, XZK95, Ber97].
Exrema [KV96].
Extremal [De12b, Zha96].
Extreme [AHJS01, BMP16, FS12].
Extremely [KLR15].
Extremum [WI12a]. Extruded [TPT+16].

FA [IJ08].
FA-SART [IJ08].
Faceted [RS00].
Facing [GM11].
Factor [GG94, GG95, WZSL12].
Factorized [BK07, BBFJ16, BT99, JFG15, SS93b].
Factoring [BH14b].
Factorizable [DT03].
Factorization [AVW13, BQ08, BS99a, BSvd99, BMNM08, But13, CPV95, CP15a, CIZ16, CL08, CKLN98, CG11, CST+13, DW05a, FMRR13, GDL07, GBDD10, GE96, GG10, HS06c, HRS10, IL16, JF16, KP11, MSL13, May08, PSLG14, PT08, QOSB98, RT10, RS99, ST14a, ST14b, ST16b, SE16, SF08, Sun96, VM13, WGB97, WZSL12, Xia13, YTD15, ZJX14, CMV97, FGM95, MH95, Nag93, NP93a, PS93, Rag95, R94, Rot96, SS93b].
Factorizations [AAB+16, DGL12, LM99, MOK12, Man95, MV16, MM95, MM98, MNN00, Sch93].
Factorized [BT00a, KKS13, KRT16, LNE05].
Factors [Bol03, DO15, WWJ12].
Failure [LX12, LX14, LLZ15].
Fairly [BK06].
Faithful [RO08a, RO08b].
Family [CWC08, Mu95, Sei95, SZS97, SVG08, Tal15].
Far [CRV14, LS09]. Fast
[AdVC00, ABMR11, APSG16, ABIGG16, ACD95, AKM+14a, ALZ14, ABB+04, AVW13, AIV98, AO93, B083, BZ10, BCR11, BMRI0, BK98, BK99, BS05b, B097, Bar99, BR02, BN08b, BLB00, BACF08, BPT+14, BC02, Bt99, BB15c, BD99a, BIA99, Bru15, CDY07a, CDGS05, CV12, CCER12, CN93, CT94, CC08, CWA14, CN02, Cho01, CG10, CRT11, CX08, DBC13, DD12, DFN12, DKGS15, DN97, DKO12, DW15b, DR93b, ES96, EE14, EZ94, EY07, EG01, FGMP13, FGMP14a, FGMP14b, FWA11, FM99, FJP+11, FKW13, GR02, GV13, GLR07, GLQ16, Goe97, GYST98, G057, GL09, GrM10, HA01, HT13a, HT14b, H07, He11, HG12, Hog13, HEQH14, HR98b, HG00, Inv02, ISS06, JW08, JF16, JP11, KK98, KV12a, KBK+08, KP11, KLZ+06, KW11, Kup98, KRT07, Lab05, LAG14].

Fast [LS94, LG97, LMPQ03, LCA08, LFB13, LCD14, Li10, LXL15, LYL+11, Lin16, LB12, LFS08, LB008, LWK+16, LS02, Lyo11, MG07, MG09, MG11, MBGV16, MR07, MSW05, MH16, McL12, Nag93, NAS13, NP96, NCT99, NL99, OSU10, PNW16, PS13, PS11b, PR05, PP13, PS03, PD15, PT08, RO15a, RR03, RR05, RT05, RT99, Rum09, RS16, SSKF15, ST16a, SLF06, Sch04, SC03, SXW16, SV00, SV08, SVG10b, Str94, TW09, TN16, WO09, WB12, WYGZ10, XH15, XJBS12, YV98b, ZLBC03, ZNZ16, ZCL+11, ABCR93, BS94, MMM+95, MMMY96, Sch96, CRMC12, CD13, EMT99, ZK14c]. Fast-marching [TN16].

Fast-Multipole [EG01]. Fast-wave [RS16].


Fin [MR04]. Finance [MSW05, WS05, WS06, Wan07b, Wan12]. Financial [HW14b, KKS08, Mar01, RO12]. Find [Goe94]. Finding [CGS02, CK98, CP95, FBF15, L101, L202, Liv08, Saa03, XYZ12, YZ05, ZDI16]. Fine [BDO12, But13, CP15a]. Fine-Grained [BDO12, But13, CP15a]. Finite [AE08, ABF99, AV14, An07, AAD11, Ain14, ADK+98, AG13, AS05, AD06, BB13, BH14a, Ban08a, BJNN02, BHV05, BB10, BB14, BBGS04, BS16a, BOF16, BRT07, BCL15, BS09, BMM98, BBKT15, BC09a, BP13a, BPS13a, BCF12, BYL13, BP13b,
BKMM10, Bre96, BHW99, BRBT12, Bur13, Bur14, BCM15b, BG13, CGGGS15, CH09a, CGQ10, CG99, CPV95, CM98a, CM98b, CS99, CK03, CGP12, CLP08, CZ10, CKM13, CK15, CD02, CHe05, CCCZ10, CLTX15, CF05, CG07, CEFM96, CDP13, CHH01, CVE13, CH11, CSW14, DY06, DMM04, DMM05, DG98, DLTZ05, DFRNP07, DN12, DKL12, DGLW16, DEP11, DZ08, DW15b, EHW00, EIL01, Fai03, FV06, FFR13, FGM08, FM11, FKTW10, FS02, FC08, FEM08, GJ08, GY11, GW15, Gas13, GL08, GHST98, GKT09, Gra14].

Finite [GJ07, GC97, HA01, HHS+16, HH02, HL09, HZXC16, HR99a, HPS08, HZ11, HTW+12, HY08, HJP03, Hor10, HQ+16, HS01a, HY10, HK95, HS99c, HLY13, HSSZ09, Hun95, Hun96, ISG15, ILK05, IT09b, JV96, JK11, JSZ13, JKX13, JK05, JGZ06, JR96, JZ00, KLV+16, KP09a, KL05, KMS15, KKL05, KLST06, KS07, Kir14, KP12b, KLY05, KLY07, KW16, KZ16, KS14, KW10b, Kup00, Kwa99, Kye12, LdMV12, LW12a, LO11, LP11, LP13, LP96, LLP98, LMR98, Le 01, Le 05, LRP07, LP08, LDS11, Lee14, LP15, LOLL13, LO14, Lem16, LHL11, LSV13, LSZ11, LP03, LKVW10, Lu95, LMMW04, LK98, MMZ03, MM14, MRT00, MLL13, MC10, MB13, MBM+16, MT09, Mic01, MTTV98, Min02, MSS12, MS12, M000, MSV00, NN14, NN03, NNRW99, NV98, Nie16, NSK10, Not00b, ORST12, OL98].

Finite [OSCE00, PRS12, PTDVMO8, PP12a, PL06, PSGK13, PM+16, Pet01, Pic10, PWG12, PRS11, PC98, QZ14, QS03, QS08b, RMR15, RU01, RW01, RKL09, RDP08, RV10, RLC08, RWW14, SB10, Sar98, SJR09, SC02, SV08a, SL09a, S20, SY09, SC02, SSF16, Sta00, Ste01, Str99, SL09b, Tal15, TB99a, Tor05, ULL10, VP10, WS07, WLE+00, Wan01, Wan04, WWY09, WB12, WH15, Wh15, WH90, WKM+07, Yam02, YSZ14, ZLLT13, ZN05, ZJC12, ZLS12, ZMS10, ZHS10, ZK96, ZLJ96, Zin00, dVM08, Ain96, CGP93, Elt96, MP94, PSC+16].

Finite-Difference [FV06, HZ11, JZ00, KP09a, LP03, Lu95, OSCE00, RU01, ZJ06, Zin00].

Finite-Element [AV14, CGGGS15, CGQ10, GJ08, HJP03, Le 01, Le 05, LR07, LP08, LSD11, MTTV98].

Finite-Volume [FEM08, MSV00, ZJC12].

Firedrake [LMKG16].

First [Abg09, AMMR10, AMM+10, AMM+11, ABM+13, AV14, AM05, BFS16, BL03, CLMM00a, CLMM00b, CP03a, CP05, DM13a, DN12, FMM98, HZXC16, HT16, HO94, HO96b, HS01a, Lan94, LMR00, LM15, L16, NKW94, OKV14, VC00, ZPE12, HO96a].

First- [DM13a].

First-Kind [NKW94].

First-Order [AMMR10, AMM+10, AMM+11, ABM+13, AV14, BL03, CLMM00a, CLMM00b, FMM98, HZXC16, HO94, HO96b, HS01a, LMR00, LM15, ZPE12, HO96a].

First-passage [HT16].

First-Principles [OKF14].

Fisher [DGS08, RU01, ZV03].

Fitted [Woo94].

Fitting [BLS06, BR14, BF07, DGB15a, DGB15b, FS12, HW99, LZ13b, LS00, NNT13, SL09a, ten95, OS95, FS13].

Fixed [AIL05, HV04, KS94, KM05, SW15, Van00, Ver96, SS95].

Fixed-Point [Ver96].

Fixing [HY08].

Flames [HC95, SAY03].

Flapping [EKSS16].

Flat [FP07, QZ14].

Flexible [CGL+12, CGL+13, GGPV10, HZ10, HD15, Not00a, SBK13, SSMM16, SV01, WO98, Saa93].

Flexoelectric [AAB+15a].

Flight [EKSS16].

Flights [CD15b].

Floating [And99, CW08, DH03, Drm97, RO08a, ROO08b, ZY05, ZH09, Hig93].

Floating-Point [And99, ROO08a, ROO08b, ZY05, ZH09].

Flow [AB17, AABM13, AL07, AHR12, AKM14b, BM11, BHN10, BD04, BL08a, BGN08, BCT05, BSSW13, Ber98a, BPSV15,
BIK02, BSA13, BMV13, CL97, CP13, ICCVEKV17, CDB13, Cor98, EAS08, EMSW12, EdDP09, Fai03, FL02, FHR14, FK97, GYZ11, GHTW00, GY09, GGS08, GM11, GP96, Har08, Hei96, HK03, HR99b, HQH+16, HB97, HC98, HR99c, Hun95, Hun96, JMN01, JKKM01, JVG12, JWH08, KGGS10, KP10, KM98, KVMG16, KWW13, Kup01, LVWW03, LHL12, LE10, Lag96, LL97, LDL16, LH00, LZ704, MAB07, MJS05, MRT00, MS06a, MMS05, MZW09, MM07, NH12, OCSE14, PSMG14, PM15, Rav02, Rav05, SS10a, Sma01, SU15, Sta00, SF99, SO99, SY100, TP09, VY09, VS03, WLK06, WZET13, Whi15, WkZ15, X004, XV05, YSS16, YSS07, ZHS10, SS93c.

Flow-Control [Ber98a].

Flows [AE08, AK15, ABB+04, BB13, BST08, BBKK97, BBSW15, BCLT15, BPS13b, BPS13a, BG05b, BB08b, BD99b, BC09b, CFGM11, Cha07, CL03, CC12a, CD01, CBS00, CHH10, CCH15, DD00, Del14, GHHK15, In99, KW07, KP10, Le01, LXS*08, SY14]. FluxSI [EKSS16]. Flux [ACCP13, BLMR02, BB10, BF16, EZ11, FEM08, FM07, GC16a, KQW04, PDH09, WL97, YHS07].

Flux-Based [FM07]. Flux-Continuous [FEM08]. Flux-Free [PDH09].

Flux-Vector [KQW04]. Fluxes [DK98, Mar94]. Fock [DKO12, KP10, Kus00, LM05b, LY14, ZLTA15]. Fold [ROO08b]. Following [FK00a, PHJ11, Wal99].

Focus [Gro02]. Fokker [DKO12, KP10, Kus00, LM05b, LY14, ZLTA15].

Fold [ROO08b]. Following [FK00a, PHJ11, Wal99].

Force [BM11, OZ16, TP09]. Forced [Cab94]. Forces [BZ10]. Forchheimer [ACL09]. forcing [EW96].

Forest [BWG11, IBWG15, WP98]. Form [AKA13a, AP04, BLO7a, BF14, C10, Cj05b, DM14b, HK09, KHE07, OR02, PTvR+14, ST11, Lan93].

Format [BG14, DKO12, GKK15, HRS12, KKK11, Kor15, KMSM14, KH14, OD12].

Formats [RO15a]. Forms [KM05, RF10, RS02, BGP94]. Formula [BCMM03, HT14b, PDA09, Ush01].

Formulas [Ske00, WTG12]. Formulation [BCLT15, BMM08, BH11, BPS13b, BL14, Bjo95, BIK02, BLM03, BRBT12, CW07, CRMC12, CCM08, Del14, EPSU09, GS16, GP99, Gin05, HMCK04, JSZ13, KL06, KL10, Kup01, LM08, LLO8, NV08, Pat97, PEC14, PZZ14, RG09, RH09, WZET13, dVM08, FCR93, LSM93, Nat97, PM95].

Formulation [AMM+11, AKM+14a, BB13, BHG14, DH01, GKL10, GRC04, HV07, LWCL03, MG11, PS11a]. Forward [BPR16, CH09b, DP16, EY17, MO10, MT06, VP10, ZS14, ZFZ14].

Forward-Backward [BPR16, DP16, MO10, MT06]. FOSLL* [LMW15a].

FOSLS [FMM98]. foundation [Ber97]. Four [MM14]. Four-Field [MM14].

Fourier [MM14].

Fluids [DD00, Del14, GHHK15, In99, KW07, KP10, Le01, LXS*08, SY14]. Flow [ACCP13, BLMR02, BB10, BF16, EZ11, FEM08, FM07, GC16a, KQW04, PDH09, WL97, YHS07]. Fluid-Control [Ber98a]. Flows [AE08, AK15, ABB+04, BB13, BST08, BBKK97, BBSW15, BCLT15, BPS13b, BPS13a, BG05b, BB08b, BD99b, BC09b, CFGM11, Cha07, CL03, CC12a, CD01, CBS00, CHH10, CCH15, DD00, Dor98, EAS11, GJP+14, GC16a, GGZ02, HM98, HR99a, HPS06, IR98, KCZ15, KEF11, Lee14, LD05, MCT+05, Man05, MBGV16, MM14, MT99, NNH99, OW00, RSHS11, Ros06b, SA99, SLO9a, SY10a, Ste11, VN03, WLE+00, YC14, ZCZ4B, BY93, LL94, TR93, Tsy97].

Fluctuating [WSA16].

Fluctuation [BLH02]. Fluid [AB17, ACFO9, BQO08, BC10, B15a, CDFM11, CHH10, Cor98, CDFQ11, DY06, DP10, ES00, EF05, FGS14, FHR14, GLQ16, HSF07, IR98, KCZ15, KV05, LQR12, Le14, LM15, LO14, Lm16, LF08, LL08, LXX08, MRT00, MKWG15, MEFO9, NV08, PRS12, PV11, QS14, RR98, RW13, SCM10, SNB08, SF99, WLE+00, WLK06, ZHM14, vBD05]. Fluid-Fluid [FGS14]. Fluid-Membrane [RR98]. Fluid-Solid [KCZ15, PRS12]. Fluid-Structure [ACFO9, BQO08, BC10, BB15a, CDFQ11, KV05, LQR12, MKWG15, NV08, PV11, RW13]. Fluid-Structure-Interaction [vBD05].

Fluids [DD00, Del14, GHHK15, In99, KW07, KP10, Le01, LXS*08, SY14]. Flux [ACCP13, BLMR02, BB10, BF16, EZ11, FEM08, FM07, GC16a, KQW04, PDH09, WL97, YHS07]. Flux-Based [FM07]. Flux-Continuous [FEM08]. Flux-Free [PDH09]. Flux-Vector [KQW04]. Fluxes [DK98, Mar94]. Flock [DKO12, KP10, Kus00, LM05b, LY14, ZLTA15]. Fold [ROO08b]. Following [FK00a, PHJ11, Wal99].

Focus [Gro02]. Fokker [DKO12, KP10, Kus00, LM05b, LY14, ZLTA15].

Fold [ROO08b]. Following [FK00a, PHJ11, Wal99].

Force [BM11, OZ16, TP09]. Forced [Cab94]. Forces [BZ10]. Forchheimer [ACL09]. forcing [EW96].

Forest [BWG11, IBWG15, WP98]. Form [AKA13a, AP04, BLO7a, BF14, C10, Cj05b, DM14b, HK09, KHE07, OR02, PTvR+14, ST11, Lan93].

Format [BG14, DKO12, GKK15, HRS12, KKK11, Kor15, KMSM14, KH14, OD12].

Formats [RO15a]. Forms [KM05, RF10, RS02, BGP94]. Formula [BCMM03, HT14b, PDA09, Ush01].

Formulas [Ske00, WTG12]. Formulation [BCLT15, BMM08, BH11, BPS13b, BL14, Bjo95, BIK02, BLM03, BRBT12, CW07, CRMC12, CCM08, Del14, EPSU09, GS16, GP99, Gin05, HMCK04, JSZ13, KL06, KL10, Kup01, LM08, LLO8, NV08, Pat97, PEC14, PZZ14, RG09, RH09, WZET13, dVM08, FCR93, LSM93, Nat97, PM95].

Formulations [AMM+11, AKM+14a, BB13, BHG14, DH01, GKL10, GRC04, HV07, LWCL03, MG11, PS11a]. Forward [BPR16, CH09b, DP16, EY17, MO10, MT06, VP10, ZS14, ZFZ14].

Forward-Backward [BPR16, DP16, MO10, MT06]. FOSLL* [LMW15a].

FOSLS [FMM98]. foundation [Ber97]. Four [MM14]. Four-Field [MM14].

Fourier [MM14].
Fourier-Based \cite{CD13}. Fourier-Cosine \cite{FO08}. Four-Order \cite{AP12, BS05c, BT97, GB06b, Hen05a, KT05, LPR02, PL03, RWX07, ZJC12, ZF14, ZZspH14, She94, She95}. FQMR \cite{SV01}. Fractal \cite{PD15}. Fractional \cite{AN17, ALLK15, AF15, BCF13, BHK12, CZK15b, CZZK16, CD15b, DW15b, FMYT16, FF15, HP14, HLW00, JZL16b, LHL12, Li10, LX16c, Nik13, PKNS14, PWN16, WB12, YTL1I1, ZK14a, ZK14b, ZCZ14, ZAK15, ZLL13, ZKK15, ZLTT15, ZMK17, ZZspH14, ZZ16, ZLTA15}. Fractional-in-Space \cite{BHK12}. Fractional-Step \cite{BCF13}. Fracture \cite{BPS13b, BPS13a, EdDP09, HTW+12, HGPM14, MM07}. Fractures \cite{Bur97, Str94}. Frame \cite{CDBH16, LFJS14}. Frame-Based \cite{CDBH16}. Framelets \cite{CCSS08}. Frames \cite{Pir16}. Framework \cite{AG16, ACD+08a, ACD+08b, Ban08a, BS16a, BBE+16, BTGSM13, yCWHJ12, CKO15, DO11, DSZ13, FCF14, IA14, JMN16, KR00, Kye12, OS14, Pek12, PXY16, PMSG14, San10, TC12, Til15, TTY16, WL13, ZAD+16}. Frank \cite{MZGW16}. Fréchet \cite{AMHR13, HR14, KvBW10}. Free \cite{AS06, BGM13, BTY08, BB15c, Bog14, Bur97, CFSZ08, yCWHJ12, FK00a, GY02, HKF+13, HV01, HQH+16, HY10, HHLW15, KCZ15, KV13, KGT07, LP08, LT09, LXDH16, MS06a, MT99, PDH09, PT+14, RK07, Sch02, Str94, TY00, WL01, WWW09, XZ10, vKVA11, vdZVB10a, vdZVB10b, ACW12, Bru15, Fre93, TR93]. Free-Boundary \cite{vdZVB10a, vdZVB10b}. Free-Form \cite{PT+14}. Free-Space \cite{Bur97, Str94}. Free-Surface \cite{MT99}. Freedom \cite{SV11}. frequencies \cite{WM93}. Frequency \cite{AIL05, BS95, BKS16a, CHL16b, DT95, Den97a, HV07, IJ08, KMW99, KK02b, LAG14, RBH06, NZN16, Zim14, vLH14]. Frequency-Adaptive \cite{I08}. Frequency-Domain \cite{vLH14]. Frequency-Limited \cite{BKS16a}. Friction \cite{HMW07, HSW08}. Frictional \cite{NNH99}. Fromm \cite{DT00}. Front \cite{Ar12, BLGL11, BCS11, CL97, Dk00, GT98, GBCT10, GGL+98, GST09, GM13, HC95, HY08, Hwa07, LS95]. Front-Fixing \cite{HY08}. Front-Tracking \cite{GT98, GBCT10}. Frontier \cite{vdBF08}. Fronts \cite{DBC13, TN16}. Frozen \cite{DLY16}. FSAI \cite{JFG10, JF11, JFG13}. FSAI-ILU \cite{JFG10}. Fuel \cite{BK00b}. Full \cite{CGK+98, CGG+14, EZ11, FEM08, MBVO13, PBC05, ROY10, YHC16]. Full-Space \cite{YHC16}. Full-Tensor \cite{FEM08}. Fully \cite{AW15, AH06, AHH12, BLR14, BW01, CF00, FCC10, GVM14, HYC15, JLZ16b, LVWW03, TKCC13, YCC10, YC14, Lam97}. Function \cite{AP14, AP01, ADH99, AM05, BLB00, Bur97, DFD14, FMYT16, FM12, FT03, Gar97, GS12, GST09, GST12, GD07, Hei13, HR14, JK07, JK10, JK15, KV06, KMV05, KK09, KL13b, KHRBW14, Kup01, MR94, OGO13, Pir16, Rad16, RT11, RM08a, SX16a, SQ002, Wen08, Wen10, WRS08, XEG06, XKY08, ten95, Car93, OS95, PM95]. Function-Based \cite{Rad16}. Function-Related \cite{FT03}. Functional
Functional-Differential [ZKV99].

Functionals [AL07, GRPG01, Hof04, MNP07, ÖB05, SCDM+10, SBP04].

Functions [AMVR17, ALLK15, ACCP13, BLMR02, Bal00, BT04, BN98b, BF13, BNP15, BG09, Bre17, CHR99, CGS02, CBN02, CVW06, DZSN09, DGK08, EHL05, FP07, FLF11, FS08, GLR07, JP16, KL94, LLHF13, LW16, LS00, MS06a, NSJ03, Rah13, Ros05a, SB13, Str95, TV98a, TWW16, WSK99, WJMT15, XYZ05, ZCK12, dBMZ11, FS96, NCV06, Tan93].

Fundamental [AFF+15, AA13, SK05].

Further [CLMM00b, GG95, LZ99a].

Fusion [PVK16].

Future [EMT99].

Fuzzy [CHX15, CRV13, vdHCDD15].

G [CGQ10].

G-NI [CGQ10].

GaAs [CCM05].

GaAs-Based [CCM05].

Galerkin [PP08a, SBND11, AB17, AW15, AGBH13, BB13, BB15a, BS15a, BS16b, BK00a, BT97, Boe93, BC511, BDK12, BMV11, BG13, BG04, Cas02, CNP12, CKQ14, CN99, CVK13, CHH10, CDG+09, CS16, CGH11, CRV13, CKRS07, DLM16, DHJW08, DA02, DHE13, EKSW15, EAS08, EAS11, EVLW17, EPSU09, FS14, FF05, FHL13, GK11a, Gas13, GH07, GL08, GLL+14, GGG04b, GX16b, GC16b, HHE10, HS05b, HH02, HHvR03, HLT16, HS01a, HS99c, HX15, HXB11, HXB13, Kan03b, KS11, Kim05, Kim08, KL13a, KG14, KL13b, KT08, KO13, LS99, LV13, LLW16, LS12b, LLLX16, LY14, LX16a, Liv15, Log03a, Log03b, LMMW04, MN07, MMT15, MST15, MKRK13, Mu97, ORST12, OLW08, PP08b, Pet05, PSS17, Po09, QS05a, QS05b, QS08b, RMC12, RG09, RSA05, ST08, She94, She95, She97, She99].

Galerkin [SW16, SS10b, SMi97, Str00a, SL09b, TVV11, TY15, ULI10, UEE12, War13, Wh15, Win10, XQX15, Xu04, XS08, XOMN10, Yan14, YCS16, ZCL+11, vSRV11].

Galerkin-Characteristic [EAS08, EAS11].

Galerkin-Projected [SBND11].

Gases [AHJS01].

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

Gas-Kinetic [LXL11, Xu99].

Gas-Sous [VN03].

Gauge [BHST08, Chr09, DLY16, FM16, GS16, GH13].

Gauge-Invariant [DLY16].

Gauss [Alp99, AM95, BR02, BMF12, Bog14, Day98, EJJO8, FMR13, GKL11a, HT13a, Lan10, PZPR07, SV10b, Swa02, TW09, Ver94, dSK11].

Gauss-Trapezoidal [Alp99].

Gaussian [AM04, ACW12, Bar12b, BGR10, BTGH12, CS14, DLY16, DN97, DW15a, FLF11, Fra98, GS14, LLHF13, LD04, MC05, PF12, PM03, PRM09, Rag95, Ros06a, Tan93, WTS94, WvR93, YR98, Zim13].

Gaussian-type [MC05, Tan93].

GCROT [HZ10].

Geir [PS97].

Gegenbauer [FJS01, KG12].

Gel [WGF08].

Gelation [WGF08].

General [ABB11, AH09, ADK+98, BK06, BCR99, BB16, BSR07, CS99, GG95, CGG07, CCA03, CS10c, DO11, FL08, GW15, HR96, HV01, HDZ16, Hux95, KL15, KLO4, KK13, KHE07, KH+14, LVD14, LSC03, wLvX00, OST11, PDA09, QZ14, RK07, Sa96, SZ09, SS99, TGS08, Vas10, Wat04, WZSL12, WT16, XIA13, XZB11, Zen16, ZV05, ZS16, WTS94].

Generalised [Kas95].

Generalized [BS05d, BS09, Bet08, BJ15, BCR12, GRG10, CC16, CC09, CC12b, CBNO2, yCW0012, DB98, DZ15, DF10, EHL05, FCF14, FCC10, GH13, GKO0, GN14, GR02, GLMN15, GY02, HÖ94, HLW13, IT09a, LV98, LMR315, LC14, LEO14, LL98b, LO04, NAS09, NV08, Nvd00, RMR15, SS98, SV10b, SO02, TLM14, VXX16, WK06, XXY08, YR98, ZK15,
ZMK17, Zha97, ZLG98, BD93, BZ93.

Generalized-Laguerre [BL59].

Generalizing [ET01]. Generated [ADGM98, HGPM14, KKT13, Mau95].

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

Generation [AKM+13, ADM+15, BW09, CHR99, CWL+14, DF10, GVP06, HW14b, HB04, Kaw15, Km06, KR00, LC08, Mac98, MBM+16, OLMO, SP03, de 99].

Generative [GH14, KPPS14].

Generator [GS14].

Generators [LSW02].

Generic [MRS16, RS13].

Genetic [OW02].

Geodesic [MK08].

Geolocation [RMD08].

Geometric [AC04, AC05, BGN07, BGN08, BB05, BKS13, CHR02, CGG+14, GV15, GMT98, KP12a, KS07, KS15b, MTTV98, SB10, WL11, WE06].

Geometrical [Du11, JW05, QL06].

Geometrically [AL99a].

Geometries [AA00, BBKK97, CCA03, For95, HBL05, IP06, MBGV16, She99, Sm01, SAE10, TK13, TW16, ABCM97, She97].

Geometry [AHT12, ADK+98, KMS15, KC16, PNP13, TW03, WWM03].

Geophysical [FRH14].

Geostatistical [Hri03, Hri05].

Geostrophic [CLP08].

Ghost [LXK08, OZ16, WLK06].

Gibbs [FP14, Hri03, Hri05].

Gilbert [BBP13].

Ginzburg [DJT08, GS16, Mu97, MDC98, NR98].

Given [BF16, SSD12].

Global [BBKK97, BTGMS13, CP04, CV94, CGDD11, FL08, GJP+14, GAMV13, GM94, KH14, KL13a, KW10a, Ku12, KV15, LV07, MS07d, PRM09, RW97, TGS08, vHCD15].

Globalized [vWBV09].

Globally [BK08, BM01a, BPP14, TBF14, XK08].

Glued [DP05].

GMBACK [Kas95].

GMRES [ADGP07, BCGR98, BDJ05, BM01a, CGL+12, CGL+13, De 12a, DP03, FG98, GAMV13, GGL07, GGPV10, GT94, Jou94, KX96, LS05b, LM15b, Meu11, Mor02, PP08b, Saa93, VL10, WOW00, WWJ12, RF07].

GMRES-Based [Jou94].

GMRES/CR [GT94].

Goal [CP13, CCH15, LW12b, LW14, PDTVM08, RL13, vDZVD10a, vDZVD10b].

Goal-Oriented [CP13, CCH15, LW12b, LW14, PDTVM08, RL13, vDZVD10a, vDZVD10b].

Godunov [DW97a, NMAB11, Pem93, ZMC94].

Godunov-Type [DWM97a].

Good [HW14b, ST97, Ten98, Wan07b].

Governed [LN05, SS95].

GPBi [Zha97].

GPBi-CG [Zha97].

GPU [CP13b].

GPU-Accelerated [GH+15, CH16, VTD12].

GPU-Based [GH+09].

GPUs [GLST16, YTD15, DCP11].

Graded [BKS13, CW+14, LC08, SSD12].

Gradient [ABF96, BD04, BL08a, BMT96, BCT00, BBFJ16, BCP15, BCL99, CM98a, CM98b, CH98, DK10, DFG15, D05, Don06, Fie98, GS12, GY99, G09, G10, H99c, JvGVS13, K01, KL13, Kup00, Kus00, LS16b, NZZ06, SYEG00, SCM10, SM94, Sp16, SO97, TBO10, UWY+15, VM15, WS07, Z05, ZZ12, Zim13, ten95, Car93, N96].

Gradient-Enhanced [Zim13].

Gradient-Particle [Kus00].

Gradient-Weighted [CM98a, CM98b, Kup00].

Gradients [CJ99, GRPG01, NR98, N00a, PF12, R95].

Grain [KLT06, M99].

Grain-Size [Man99].

Grained [K99].

Grained [K99].

Graph [BDO12, But13, CP15a, WSA16].

Graining [AKPRB08].

Gram [GL03, Ste08].

Gramian [BB08a].

Gramian-Based [BB08a].

Grandchild [DT95].

granularities [BEM93, BEM94].

GRAPE [NKTY08].

Graph [BTY08, CCS97, FFS07, GS05, HL95].
Graph-based [FFS07]. Graphic [WHCX13]. Graphics [BBFJ16, KMSM14, Nov15]. Grassmann [DS96, DH16]. Grassmannians [SL10]. Gravitation [TKK16]. Gravitational [LXL11]. Gravity [CK15, LRP07, Pet93]. Greedy [Lin16, MS07b, MS07a, MS13, ZW16]. Greeks [KKS08]. Green [Bur97, EHL05]. Greengard [Alu96]. Grid [BACF08, Ber95a, BvW09, CWX15, CJ05a, DF10, FL97, Fer98, GV13, GR05b, GC16b, HKF+13, HHLs15, HBL05, HS94, ILK05, Jam98, Knu96, KR00, LMPQ03, Lem16, LJJ08, MS07a, MK08, NNRW09, PCFN16, Pet99a, Pup99, Sp03, SY10b, SY12, TT06, WL11, WHCX13, W001, XBC96, Xn94, Yav98, ABCM97, Atk94, TV03, VBT99, CP13, NJ14, SAB14, ZTRK14, NZX14]. Grid-Based [HKF+13]. Grid-Multipole [Ber95a]. Grid-Particle [CP13]. Grids [ABBM98a, ABBM98b, ADR14, AD06, BGOD08, BH12, Bit99, BI05, BKS98, CH94, CKV99, DFF14, DMBB10, EZ11, FS14, FEM08, Gär09, GGL09, GMSB16, GOV06, Hen05b, Hen06, HH11, KH00, KP12b, LE10, LO14, LDM00, Mac98, MV09, Mau95, NX12, PZZB15, Pet99b, RT01, RW01, RSHK11, SJJR09, SR16, SNB16, TV05, TC12, Wan01, WM11, WK03, WPGR13, Wu99, Yam02, YYY11, Zen16, ZF09, Zic12, hZOW07, BZ96, Pet93]. GRINS [BS16a]. Gross [DK10]. Ground [BD04, BI08a, VS17]. Ground-State [VS17]. Groundwater [JKK10]. Group [KV12a, MW08a]. Groups [Mit08]. Growing [FV06, FFSS13]. Growth [BHV05, Bo03, BCG+10, CS94, KLT06, KW10b]. GRP [WT16]. Guaranteed [CC06, CC11, LC05a, LC08, NN12, Wal13]. Guaranteed-Quality [Wal13]. Guidance [Lee09]. Guide [GP16]. Guided [Fli13]. Guides [CC12b]. h [ST98]. Haemodynamics [CDFQ11]. Hagedorn [FGL09]. Half [DT00, GHTW00, NN05]. Half-Quadratic [NN05]. Half-Space [DT00]. Half-Staggered [GHTW00]. Halftoning [GPS12]. Hamilton [Arg09, BCF01, Ben01, BB05, BL07b, CBG16, JW08, KP12a, PM16]. Hamiltonian/Hamiltonian [MW01]. Hamiltonians [JW08, SH01]. Hammerstein [KNN12]. Hand [ARMNW10, BCC198, CGL+13, CB98, HR05, KMR01, LN04, MN11, SG95, Soo16, SO10, CW97]. Hanging [ZMS10]. Hard [BL07b, BL08b, KK13, TW13a, TW95]. Hard-Sphere [BL07b]. Hardware [SW15]. Hardy [NHSS13]. Harmonic [AA02, BB10, BHNP07, CGG+14, CW07, CHMR10, DLTZ06, EDGL12, HY14, JN10, MMT15, MZ94, PL12, RL10, RGG06, RT05, VK15, VXY16, LX16b]. Harmonics [FF05]. Hartree [KWF11]. Hash [RNR13, TAHR15]. Hash-Based [RNR13]. Hastings [Wal14]. Having [JW05]. HDG [BT16, CSS12]. Head [WKM+07]. Heart [Go08, KLJ10, WiOH08]. Heat [AC09, BIA99, Don06, DP16, EAS08, EBR00, GSA98a, HT13b, KS14, LG09, MST15, PNP13, SK05, Str94, SD11, VP14, VB07, Xn99]. Heavy [CHL16a]. Heavy-Tailed [CHL16a]. Held [ST16b]. Helmholtz [BZ96, Bar14, BFK03, BGS09, BIA99, BIA05, BTT13, CD13, CWX15, CRV14, EEO01, ED95, EOV05, GMN02, GZ16, GH13, GMD14, GHR12, GHR13, GD03, HRT03,
HZ16, HW09, KMW15, KK02b, KL13a, Lar99, LMMR00, LY16, LB06, Liv15, MRS04, PELY13, SAB14, TET10, YBLH16, vGEV07.

Hemodynamics [BCF13, FGS14].

Hermite [BS05c, BLS09, Bia94, BR95, HOY03, MS07d, SV13, Tan93, VMM13, WB00, Liv15, MRS04, PEPLY13, SAB14, TET10, YBLH16, vGEV07].

Hermite [BS05c, BLS09, Bia94, BR95, HOY03, MS07d, SV13, Tan93, VMM13, WB00, Liv15, MRS04, PEPLY13, SAB14, TET10, YBLH16, vGEV07].

Hermitian [BCR03, BGLY05, BGL06a, CGL +13, CT94, FF94, FGN93, Fre93, FS08, HSCTP04, KPT16, KMR01, LXV +16, MS06b, PPB13, Sta07, SM07, SVX15, Tre93, VD10, VK15, VXY16].

Hessenberg [BK17, KT15].

Hessenberg-Triangular [KT15].

Hessian [BGR16, BBR08, BTGH12, DM16, FWA +11, HM10a, KH14, LMSSS97, M¨on08, PABG11, WMUZ13].

Hessian-Based [BTGH12, KH14].

Hessian-vector [LMSSS97, BBR08].

Hessians [GTMP07].

Heston [iW11].

Heteroclinic [LMR97].

Heterogeneous [BLS14, BGS09, BK17, CSS10, CYVK15, KLL +16, LZ04, PELY13, YS16].

Heuristic [HR96, MZW09, JP93].

Hexagonal [WL11, ZF09].

Heteroclinic [LMR97].

Hierarchical [BG14, Bör09, BIA05, BF107, Ett16, Fra98, GRS +15, GKS98, GMPZ06, HS06c, JTZ08, LO11, MDC08, OS14, Ong97, RW07, SLO13, VW98, Ain96].

Hierarchically [Nov15, WLX +13].

Hierarchy [FR15].

Hierarchies [FR15].

High [NS06, NKM10, Ols07, PT99, PL06, PVK16, PDA09, PSD12, PPB13, PJ96, QSO8b, RKL07, RW07, RMB00, RMC12, Ros05a, Ros06b, Say15, SLvdGK14, SY10b, SY12, Sma04, SD10, SC98, Ste16, Str99, SJ14, TW05, TM14, VB07, Vil15, WS05, WMC12, WSK99, Wen08, Wen10, Win06, XB16, XQX15, KH05, YCS16, ZNZ16, ZSO3, ZLS12, ZSB16, ZFZ14, ZTLA15, ZLJ96, Zin00, bZOW07, vdHCCD15, BSMM16, BY93].

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

High-Dimensional [BTWG08, GH14, GC16b, HJ07, JK07, MXYB16, NJ14, PVK16, RW07, SY10b, SY12, Sma04, Ste16, WS05, bZOW07, vdHCCD15].

High-Fidelity [NKM10].

High-Field [GV16].

High-Frequency [KK02b, ZNZ16].

High-Level [HFHR13].

High-Order [ADDR14, AHT12, ADGM98, ABIGG16, BT06, BPR99, BBD16, BZ15, BTL14, BT13, CMM00, CMO10, DW97a, DW98, DKL12, DKM14b, GH07, GM14a, GM15b, GN07, HHT03, HRT13, Hen06, ISG15, KP09a, KL05, KPL13, KW16, LO11, LL00, MC10, NS06, Ols07, PDA09, PJ96, RKL07, RMC12, Ros05a, Say15, SC98, Str99, SJ14, TM14, VB07, WMC12, WSK99, XH05, ZS03, ZFZ14, CSS93c, LMS93].

High-Performance [PPB13].

High-Resolution [BAFF00, CESS03, FM07, HBL05, Kup98, LDVM12, LFB13, LOL13, LK00, PL06, Ros06b, BSMM16].

High-Reynolds [BY93].

Higher [AABM13, AL97, BCR11, BM11, CG07, HLD12, HJ07, HBL05, HRT13, Hen06, HV07, ISG15, Jam98, JK07, JK11, JW13, JZ00, KP09a, KK98, KL05, KPL13, KW05, KK02b, KW16, KS14, Kup98, LDVM12, LO11, LAG14, LS95, LFB13, LOL13, LL00, LG09, LLLX16, LT00, LSZ11, LMS93, LX16b, LNA +11, LX16c, MXB15, MXYB16, MC10, MR14, MDC08, NHSS13, NX12, NJ14, NH12].
DS14, DS97, 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

Higher [AKT16, BMP14, BHT00, CSS09, GH99, HA01, HW14a, HMN°13, Ket08, KC16, KR12, OGO16, Sch98, Vil14, YP98].

Hilbert [ZK14c, AE95, TY08].

Hilliard [KW07, BS15b].

HITS [FLM°05].

HLLC [BCLC97, Gur04].

HLLC-Type [Gur04].

Hodge [GH13].

Hodgkin [BN13].

Hole [Pet99b]. Hole-Cutting [Pet99b]. Holm

Holonomic [KM11]. Homoclinic [LMR97, LCH99]. Homogeneous

Homology [PSKG13]. Homotopy

[LZ99a, Oet99, ZLC98, ZFwCW15, LL93].

Hopf [EMSW12, GM96, MCJN94, WAS94].

Hopfield [Van99a]. Horn [SWB16].

Householder [DHHR09]. hp} [HS01a].

hp-Adaptive [HS01a]. HPC

[AKK14, GKK10]. HSS [GR°16].

HSS-Structured [GLR°16]. Huber

[HW99]. Hughes [GM13].

 Hull

[AP01, Gre03]. Human [WiOH08]. Hunter

[XS08]. Hutchinson [Che16]. Huxley

[BN13]. Huxley-like [BN13]. Hybrid

[Alp99, BB13, BC10, BC06, CCS14, CP13, CLL13, CP15b, CDN16, CGDD11, DW98, DP10, DGL16, FR15, FS12, GLJ16, GH07, GR5°15, Gon15, GKK10, HEG14, JWH08, JP14, Kar96, KK02a, KSB11, Kof04, LW12a, MRT00, RT10, TSM08, VTD12, WKKP13, WS15, ZH09, vHCDD15, FS13].

Hybridizable [CDG°09, CS16]. Hydraulic

[SBK13]. Hydro [LXK08].

Hydro-Elasto-Plastic [LXK08].

Hydrodynamic

[HNS08, LXL11, OB08, ZYL16].

Hydrodynamical [ANP00, BI09].

Hydrodynamics

[DW97b, DKN12, Gon15, WSA16, WT16].

Hydrogen [VS17].

Hydrostatic

[ABB°04, BSA13]. Hyperbolic

[ALH09, AD06, AGH00, BLH02, BF16, BBSW94, BPR99, Bjo95, BR09, BPR13, Bur14, CPPR12, CCER12, CL13, CK94, DMI13a, DMMO04, DH95, DRFP07, DGL16, DS16, DB07, FS05, GB12, GS00, GW00, H09, Hol99, HS01a, IT09a, JTK98, JW05, KPL13, KPN01, KPP07, LPR02, LXL16, LMM04, Mar94, Nor7, RSW10, RSA05, SL11, Ser06, SMR01, SJ0D14, TW12, Tor12, TW95, Van95, Vi99, WC03, dLRT09, Pem93, LD16].

Hyperbolic-Elliptic [CCER12].

Hyperbolic-Parabolic [AH09].

Hyperbolic-Type [GW00].

Hyperbolization [TM14].

Hypercube

[BME93, BEM94, CG93].

Hyperelastic

[BMR13, SSJB17]. Hypergraph

[AKA13b, ÇAK11, CCQ16, GBDD10].

Hypergraph-Based [GBDD10].

Hypergraphs [KPÇA12]. Hypernetted

[Say15].

Hypersingular

[Car07, CP07, GGK04b, HS99b, ST98].

Hyperspectral

[BNP15, SKMF15].

Hyperspheres [TGC94]. Hypersurfaces

[PP97]. HYPRE [KAL07].

I/O [AGL10]. I/R [MIS03]. IC [BT00b].

Ice [BSA13, ISG15, PMSG14, TPT16].

Icosahedral

[WL11].

Icosahedral-Hexagonal [WL11].

Ideal

[CLTX15, DW97a, Gur04, HRT13, YHS07, ZMC94].

Identification

[AHDK14, BU15, BCI12, CT03, KGM°08, KGM°11, KZ00, LS16a, PSDK12].

Identifying [AD15, EMSW12]. IDR

[SS10b, SV08, Son12]. IEEE [MRV06].

IEEE-754 [MRV06]. Igatools [PMCA15].

Ignition [BK00b]. II [ABB98b, AHT12].
ADH99, ACD+08b, BT06, BG05b, BM10b, Bur14, CM08b, CW14, CRL16b, DB94, DF99, FGMP14b, GS02a, GHR13, GM96, Hos97, KGGS10, LP08, Log03b, MMY96, Nat97, Pem93, PMSG14, ROO08b, She95, SY12, SM07, VW98, YZ08, ZLBC03. II. [CPV95, SVX15]. III [CPV95, SVX15]. III [ABH03, GS02b, Hes98, She97]. III [BS07, Bur13, Bur14, CCS98, HR96, KO99, Lan10, NM13, PS01, Reg96, RS02, SBC93, TO15, VW94, Di 95, HO93]. Ill-Conditioned [BS07, CCS98, PS01, Di 95]. Ill-conditioning [SBC93]. Ill-Posed [Bur13, Bur14, KO99, Lan10, NM13, PS01, Reg96, RS02, SBC93, TO15, VW94, Di 95, HO93]. Ill-Conditioned [BS07, CCS98, PS01, Di 95]. Ill-conditioning [SBC93]. Ill-Posed [Bur13, Bur14, KO99, Lan10, Reg96, RS02, TO15, VW94, HR96, HO93]. ILU [Bol03, CPV95, CMV97, Gup17, HS06c, INS05, JFG10, KOV15, MW13, Saa96, SZ99, Saa03, Saa05]. ILU0 [GM15a]. ILUM [Saa96]. ILUs [BS05f]. ILUTP [May05].

Image [Ami94, BV03, Bar12a, BDE08, BM13, BNS13, CD/H16, CGM99, CMM00, CCSS03, CC03, CC11, CJK10, CMSS06, DE05, DGP10, DM08, FNNB05, FB06, GY05, GMS02, GLN09, HM05, HM07, HHH08, HW01, HW03, HN05a, HLMR96, HS06d, HDB08, KY03, KHL16, LFB13, LRT11, NWW10, NWW11, NP14, NN05, NNT13, WBFA09, WNC08, ZWZ+13]. Image-to-mesh [CC11]. Images [BBSS16, BNP15, CCSS08, CC10, GHS+09, HLZ13, Mit08, NO98, YY99, Gu93].

Imaging [AILP07, AKLP10, CN13, FHR14, MSL13, XK08, dSK11]. Imbedding [PV94, PV95]. IMEX [BR09, BBM+15, BMV13]. IMF [VM13].

Immersed [AL02, AC04, AC05, BMD016, DK03, FGMP13, FGMP14b, FK00b, GY06, Giv12, JP01, KP06a, KL10, LHL12, LL97, LL03a, LP04, TLLK09, TP09, VP10, WFAQ15, WX05, FGMP14a]. Impact [Kaw15, SCS04]. Impedance [BCH12, HHMS15, KH00, vdDA12].

imperfect [LP06]. Implementation [ABH03, AH06, AW11, BMP14, BP07b, BBC+01, BG12, BB02, CVW06, Dm97, DG99, FN94, GCB15, GLR+16, GMT98, HS05b, HKR16, HWD02, HM09, HC98, KR06, Lec15, LZ99a, LT14, MCT+05, MLI13, Me07, SCM10, ST00, VW98, WL13, XH15, ZK96, FGN93, Got94, Heg95, Log03b, Smi93]. Implementations [Ket08]. Implementing [LST07, LZ99b]. Implicit [ALJ99, AAI08, AH06, ACF09, BF06, BZ15, BPR13, BBM+15, BW01, BHK12, CB98, CZZK16, CMM08, CHe16, CCG14b, CS10b, CMSS06, DW98, DLM16, DMD+12, DB07, Eea97, EF05, GRL10, GKC13, GX16b, HC05, HM09, HYC15, JR96, JR98, KW15, LL02, LM05b, MR09, MNS07, MO10, NNW09, NK10, OS98, PP05, RMC12, RG09, Sem10, Ske00, TKCC13, VV05, VD10, VS04, WSA16, YCC10, YC14, ZSB16, ZS02, dLRT09, BCT05, GC16a, KS13, Lam97, Lie93, TV93, vd97]. Implicit-Explicit [AAI98, BPR13, CZZK16, CS10b, DW98, GKC13, VS04, ZSB16]. Implicit-Solvent [WSA16]. Implicit/Explicit [DMD+12]. Implicitly [BCR03, BR05a, DPF15, JN10, LVWW03, Say15, ST16b, SSW98]. Importance [EBSS+11, Kol99, ZWH+14].

Imposed [Vil09]. Improve [DJ07]. Improved [ACdS+11, AMH12, AL07, BGH+03, DM16, DDF00, DG16, HL95, HR98b, JSPC97, Joe95, Lec10b, LPG14, Nik00, PQQB14, Pol16, ZF14]. Improved-Quality [Joe95]. Improvement [BDE08]. Improvements [BMR10, Cho01]. Improving [AAB+15b, BDJ05, CZ13, GSS00, GG10, HR98a, KV13, MS06b, RF07, SVR11]. Impulse [CC08, Cor98]. Impulsive [YZY09]. Inaccuracies [CSS09].

Inaccurate [Kou09]. Including [CAB04, JSV10, LM12, MN11]. Inclusions [AIL05, AILP07]. Incomplete [BS99a, BSV99, BMMM08, CLNZ16].
Incompressible: AMMR10, AMM+10, ABM+13, AABM13, BB13, BBSW15, BCLT15, BSSW13, BL07a, BW11, BS15a, CPW15, CC12a, ICCVEK17, CHH10, CST+13, DD00, DLTZ05, EAS11, EMSW12, FaI03, FF05, GHTW00, GHST98, GK98, GGS08, GM15b, HB97, JK00, KGGS10, KCZ15, KOV15, Kup01, LW12a, Lay96, LL03a, Lui01, MS06a, OSCE00, PWZ10, PT01, PSC+16, SY10a, SWT00, SF99, SO09, TLN14, TLLK09, ZHS10, ABS96, ABCM97, SS93c.

Incorporate: LP03.

Incorporates: Bol03.

Incorporating: IP06, McG95.

Increasing: MKRK13, RZTK+15, vSRV11.

Incremental: KGM+08, ZCC+16.

Indefinite: BHT00, CKY98, CPS11, EPV94, GW98, GG03, HS06a, HSCTP04, MGV00, NV98, PV95, SIS96, ST98, VK13, dSL05.

Independence: FK00a. Independent: BBC07, BVW03, CKLL16, DP10, HTB+05, JK12, MXB15, MR07.

Index: ABST13, AL97, BBC07, GPS95, GW00, MB00, MB02, MS93a, MMVW13, PRM97, RMB00, Sch05, TBKF14, Lam97, MT97a.


Indicator: Ber98b, Pic03.

Indicators: QS05a, VR16.

Indirect: CG14. Induced: [SVg10a]. Induced: CC98, DMM+16, Kla98a, KWW13, LR07, LP08, SE16.

Inductance: MS07c.

Induction: HS99a.

Inequalities: BW96.

Inequality: BL07b, KB08, KP12a, Lec13b, wLxY00.

Inertia: CP95, LR07, SWW08.

Inertia-Gravity: LR07.

Inertia-Revealing: SWW08.

Inertial: [WS95, RST93]. Inexact: [BN05, BVW03, CK02, CL11, CSW10, EV13, FSvdV98a, GY99, GRMS09, GHKS14, HYC16, KW00, KHRvBW14, LOSZ07, LK15, NWY11, SBM07, SS03, SV01, YDF97, Car93, EW96]. Inextensible: LHL12. Inf: HS06d.

Inf-Convolution-Type: HS06d.

Infeasible: HS06d.

Inference: [DKM14a, LW12b, LW14, Rei13].

Inferences: GR04. Infinite: [APSG14, APSG16, Bla98, BTGMS13, Coa12, GM98, NHSS13, PMSG14, PSSW15, SD11].

Infinite-Dimensional: [APSG14, BTGMS13, PMSG14, APSG16].


Information: [CLNZ16, DGS08, EBSS+11, GRT05, GKR16, KDP14, KdS05, PVK16, Car93].

Inherent: [KW10a]. Inhomogeneous: [ABB98a, ABBM98b, FDS13, ZC04, ZB12].

Initial: [BHP98]. Initial-Boundary: FS02, For06.

Initial-Value: GG13.

Initialization: [FLM+05, GB98]. Injection: [SS95]. Inner: [GGGL10, GY99, Won16, Saa93].

Inner-Outer: [GGGL10, GY99, Saa93].

Innovations: [Kea97]. Input: [AA14, BTWG08]. Inputs: [CJGX15, XH05].

Insect: EKSS16.

Insertion: [CC12b].

Instabilities: CSS09, MIS03.

Instability: LP04, Mat95.

instructions: [Goe97].

Insulators: AcDS+11.

Integer: [JP16].

Integral: [AL99a, ATV07, AC95, ACD+08a, ACD+08b, BHK14, BV98, BIYS00, BS06a, CDY07a, CP03a, CP05, CP07, CCA03, CGMV05, DO11, DD13, Du16, GPK04, GK98, HW15, HS05b, Hel11, HSZ12, HS99b, HW09, HV07, JVG12, KKX96, KL13a, LS99, LL11, MG11, NKLW94, Nas09, NAS13, Nit99, PRM09, Rah00, RU01, Ros06a, ST98, TW03, VPP05, XEG06, XZB11, YCZ13, ZR98, ZB12, iW11, ABCR93, Atk94].

Integral-Equation: [MG11].

Integrals: [BT13, BD99a, Car07, EJL08, GKG04b, ...]
Integrate [BS15a]. Integrated [IT14].
Integration [BCR99, BL07b, BV09, CSS09, CKN06, DEP11, Ell06, FFK+14, GV07a, GM98, GC16a, GS02a, HS97, JSPC97, KP12a, LS12a, L03b, LD04, Man05, McL95, Mc01, Mis01, PBP14, Pat97, PP12b, RMR15, Ske00, Vil15, WSZ14, Yun03, ZS14, AGC96, Rán93].
Integrator [BDZ13, BLR99, BV16, Cas05, GG13, KL00b].
Integrators [AB16a, AMH11, BB05, BCSS14, COR13, CMO10, DMD+12, FMYT16, HLS98, Jah04, LW16, MW08a, MMVW13, S07d, MC10, NK15, NX12, NX13, OST11, PBWB14, PRM09, P96, SV13, TGC94, VMM13, Vasil0, W00, W012, WR08, WX15, ZN16, ZCK12, ZZ16, vHBC12, AE95, Anj93].
Integro [SE11, ZV05].
Integro-Differential [SE11, ZV05].
Integrodifferential [MSW05, Win10].
Interact [Men94].
Interacting [KKP14].
Interaction [ACF09, BQQ08, BC10, BD08b, BCL99, CFM98, rFS12, GHKS14, KM16, Pla98, PBJ+96, RG07, RN14, SVX15, TK13, VK15, WWY11, dMHJM00].
Interfacing [HM98, SF99].
Interface [CG99, MJ05, MK96, MRS16].
Interfacial [CG99, MJ05, MK96, MRS16].
Inverce [AB08a, AMH12, APSG14, APSG16, AA13, ADL+12, AHDK14, BCS07, Ban08a, BL03a, BSHL14, BC06, BK08, BMT06, B98, BT00a, BCT00, BBF16, Bol03, BS05f, BT01, BGR16, BBR08, BTHG12, BTGMS13, BH14b, CDGS05, CBG12, CS98, Ch00, CDY07b, CN10, CO11, C011, CGM00b, CHM02, DZ13, EWS12, FWA+11, GL14, GY02, GS98b, GHR12, GHR13, HC05, HCR13, HP94, Hös94, JFG15, JKM14, LLZ08, LM14a, LZ17, LWG10, LNC05, MWBG12, MZ94, NP10, OGO16, PV11, PMSG14, RKvdDA14, SSC+15, SLO13, TS11, TBF14, TTY16,}
[KK16, LTT16, LM14b]. Kansa [KCL16]. Kantorovich [DF10]. Karhunen [SA97, SAY03]. Kármán [CC97, CGM00a, DP03]. Kernel [AG10, BzCS11, CP03a, Che13, CWA14, GLS13, MXB15, MXY16, MR07, Nas09, RLC08, SRS12, TY08, XKWY08]. Kernel-Based [AG10, 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 [CHL16a, CHL16b, DP10, FY14, FR15, GV16, GKR16, GC16b, Jin99, Kla98a, Kla99, LS12a, LS13a, LM08, LM12, LXL11, WMC11, Xu99, YJ13, YHS07, BPR13]. Kinetical [Dor98]. Kinetical-Consistent [Dor98]. Kinetics [CE16, IP06, YS16, Ver94]. KL [LZ04]. KL-Based [LZ04]. Klein [BDZ13]. Knot [BB15c]. Knots [PS03]. Kogbetliantz [Göt94]. Kohn [LY13, YMW07]. Kou [Toi08]. Kriging [CDW14a, CDW14b]. Kronecker [BL03b, BD05, DO15, FT03, UI10]. Krylov [BG05a, BG05b, CG19, CC12a, MPS09, PBC05, Ru98, AA02, BV15, BBM11, BG05a, BHP94, CR16, CKD13, CWS98, CPS11, CS14, DKZ09, DL10, DR13, EEO01, EN08, EN09, FY2, GOS12, GD07, GVM14, HL98, JMM10, KR99, KVM01, LMRS15, LL08, LWZ13, LT14, OW00, PS02, PF12, Ps14, PT01, SBK13, SSM16, SW01, ST94, SS03, Sool16, TE07, Tor12, TS14, VMM13, Wa99, We94, ZYS15, vdVY00]. Kullback [PSS15]. Kuramoto [APS12]. Kutta [CSS93b, Cas05, VSO4, Zbi11, AGC96, AGH00, BR09, BPR13, BBM15, BRW10, CHAMR06, CGADV95, EM96, GMM15, HMR09, Jay98, Kt08, MNS07, McLo7, MRS14, OS98, PT99, PPR05, PKD13, Pat97, QS05a, QS05b, RM08b, SS93a, TVA02, TL12, TP99, VV05]. Kutta-Based [GMM15]. Label [SMR16]. Lack [BCCI98]. Lag [PT99]. Lagrange [PBC05, BB15a, BS15a, BLS14, BG05a, BG05b, CC12a, GLLO1, IT09b, KL15, KMW99, KW00, LNS15, YHC16]. Lagrangian [BW11, AS16, AHH12, AHR12, BMTZ13, BSMM16, BO06, BP13a, BF14, BC13, CPH14, CT15, CF07, CJ16, DK12, FCR93, FL08, GT06, HM10a, Kor15, LL02, Lay03, LL94, LH00, MAB007, NS10, OB08, Ros05b, RLM+00, WLE+00, WZ13, dFL05]. Lagrangian-Based [BW11, BO06]. Lagrangian-Remap [BCV13]. Laguerre [BS05c, BLS09, DJLZ96, LZ94a, LZ94b, NK09]. LAMMPS [WSA16]. Lanczos [ARMNW10, ADRS95, BCR03, BR05a, BF01, CKD13, DGK98, RFS12, FGN93, GH15a, JN10, LXV+16, MS93b, MN11, Ng00, RC98, SZ00, Ste02, YC99, vdHE05]. Lanczos-Based [CKD13]. Lanczos-Type [RG98]. Land [XK08]. Landau [AB16a, BBP13, DJT08, GS16, LM05b, Mu97, MDC98, NR98]. Landweber [BDE08]. Langevin [KM11]. LAPACK [AMT10, DMPV08]. Laplace [BS94, Bar14, BW15, BSS17, CK03, Che13, ED95, Nak98, OK13, Pet01, We99, YCZ13]. Laplacian [AN17, BI00, CS16, GGM01, LB12, XEG06, vGEV07]. Large [AL07, BCR03, BS05a, BSK13, BT03c, BHT09, BPS15, BDF08, BTY08, BS99b, BCL99, BTGW08, BTGH12, CF05, CDGS05, CGK13, CCQ16, CN10, CP15b, CSW10, CFW98, DSO0, DDD0, DJT08, DLP05, DZ09, EAS08, EPE05, FWA+11, FSvdV98a, FB95, FGH+08, GLST16, Gug16, HMST11, HPS08, HLS98, Hfo04, JN10, JZ13, KV13,
Kus97, Lab05, LM00, LAG14, LT09, LWG10, LZ13b, LxDH16, MWBG12, MS04, MW01, NNRW09, NvdP00, OFK14, Pen00, RS02, RMD08, RM08a, Ruh98, SBR06, SWW08, SWB16, Sim07, SC02, SvG08, SVX15, Tor12, TS14, WPL+13, WM05, WT01, WS16, Xia13, YPN+01, YGB+05, YMM14, ZYS15, ZCC+16, AMB+94, BHP94, Dax93, DLG97, JS93, ST94, TW93.

Large-Eddy [BST08, EAS08].
Large-Particle [SC02].
Large-Scale [BCR03, BS05a, Ban08a, BSSW13, BHT09, BTY08, BCL99, BTWG08, BS06, BTGH12, CN10, CP15b, CSW10, FWA+11, FB95, HPS08, LT09, LWG10, MWBG12, OKF14, RS02, RM08a, SBR06, SWW08, SWB16, Sim07, SVX15, WM05, WT01, YPN+01, YGB+05, YMM14, ZYS15, ZCC+16, BHP94, ST94, TW93].
Largest [HR16].
Latency [GAMV13].
Latent [ZS99].
Lattice [BS08, BYK05, CKN06, DSB99, Del14, FKK+14, HHSW11, HHLL00, HY14, HYC15, HYC16, JK00, LL03b, SR16, SBX+08, WS06, Wan07b, Ehl96].
Lattices [SLO13].
Launch [EHW00].
Law [AGH00, CHR02, FMR06, GGK+04a].
Lawrence [DG99].
Laws [AB02, AD06, BLMR02, BF16, BBSW94, BPR99, CW13, CW14, CW16c, CLL13, yCWHJ12, CK94, DGLW16, DS16, DB07, GR05a, GB12, GMS02, HH02, HBL05, JKL00, KNP01, KPP07, LPR00, LPR02, LLLX16, LD16, LN03, Mar94, NMAB11, PPR05, Q508b, SL11, SMR01, SJD14, TW12, Tor12, TLE12, TW95, YHQ12, dLRT09, BH97, Pen93].
Lax [JSZ13, Kol99, LD16, MR01, Q503].
Layer [AK09, AH09, AD15, Bar14, BW96, BHNPR07, BMM03, CPV95, Car10, CAS11, DMM004, DMM005, DG98, EHS+07, FGH097, FS11, FNB06, GKK15, HLM, HLM+09, HY10, HY14, KMS15, LMMR00, LFBI, Lee14, LM15, LRS02, LD11, NP14, PE00, PP97, PBrtTB15, QOOQ09, RD16, TSE16, SX16, Sta00, Str93, TZ14, TBO10, Wat98, XS16, You94, ZCC+16, ZWZ+13, ZNX14, ten95, BR95, Dax93, NP96].
Least-Squares [AMM91, AV14, AD15, AMT10, BGM13, BKMM10, BLM03, CPV95, DMM004, DMM005, DG98, FS11, HLM, HLM+09, HY10, HY14, KMS15, LMMR00, Lee14, PBrtTB15, Sta00, TZ14, XS16, ZNX14].
Legendre [BK00a, BM12, Bou14, EJ10, HT13a, HT14a, HT14b, IM01, Sh94, Swa02].
Leibler [PSSW15].
Leja [CKOR16, NJ14].
Lemma [CV94].
Length [MH16].
Leslie [CGGGS15].
Level [BC10, BPI3a, BH11, Bre00, CDMO04, DMMO05, DG98, FS11, HLM, HLM+09, HY10, HY14, KMS15, LMMR00, Lee14, PBrtTB15, Sta00, TZ14, XS16, ZNX14].
Library [BS16a, MXYB16, NAC+15, PMCA15, RTR+16, ZS14].
Levels [CDM+13, RS00].
Least-Squares [AMM91, AV14, AD15, AMT10, BGM13, BKMM10, BLM03, CPV95, DMM004, DMM005, DG98, FS11, HLM, HLM+09, HY10, HY14, KMS15, LMMR00, Lee14, PBrtTB15, Sta00, TZ14, XS16, ZNX14].
WM11, ABCR93, BN13]. **Likelihood** [ACW12, TV98a, Zim13]. **likelihoods** [WTS94]. **Limit** [ACO98, BCK16, BPR13, CDN16, CHL16a, DJT08, GKD05, JLY08, KSB11, Kla99, LS12a, LM08, ZD09]. **Limit-Cycle** [KSB11]. **Limitations** [RLG98]. **Limited** [BL03a, BKS16a, BGR16, BLNZ95, GG09, KLS08, LM99, LWZ13, MIS03, SSDN12, Sta07, SM07]. **Limited-Memory** [BGR16]. **Limiter** [AS06, JX13]. **Limiter-Free** [AS06]. **Limiters** [MB13, QS05a, QS05b, Ser06, Zen16]. **Limiting** [GB12]. **Limits** [GV16, XS08]. **Line** [BD99a, HV96, OS15, SV08b, HHRV93]. **Line-Relaxation** [HV96]. **Line-Surface** [SV08b]. **Linear** [ARMNW10, AB08a, APSG14, ABST13, AHT12, AF11, ABCP08, ACD95, AD15, AKM+13, BGLY05, BS16, BDJ05, BCCI98, BvG15, BDsSM11, BL04b, BM95a, BT98, BBKT15, BM01b, BHK14, BCCK16, BW96, Bre99, BC99, BMCM09, BMFT14, BC08, BC09b, BK11, BEPW98, CS99, CLMM00a, CLMM00b, CPW15, CGL+13, CB98, CGG07, CJI11, CNP12, CS96, CN99, CHE98, CJKX15, CG10, CLN12, CF05, CHM02, CI01c, CFM98, D’A00, DLY14, DB98, DH01, DMM04, Ded10, Del14, DS14, Ema10, Eoz94, EGKS94, EPSU09, Ett16, FGMP13, FGMP14a, FGMP14b, FH06, FWA+11, FT03, FMR06, FG08, GG13, GNS14, GG03, GB98, GG05, GOS03, GW00, HR05, HS06a, Ha00, HCRT13, HNO6, HZ10, HIG12, Hol04, HRS12, HSTCP04, JFG10, JZJ13, JPS08, Jou94, Kas95, KLR98, KZ00, KW00, KR06, Kra08, KSV16]. **Linear** [KMRW97, LM00, LV98, Lec13b, LM08, LLZ08, LLZ09, LW12b, LXdH16, LB12, LCJ96, LN04, MKSG10, Mar09, MB02, Meu11, MW13, MN11, MGW00, Nat98, NP08, NMFP16, Okt05, OD12, PNW16, PDH09, PsSM+06, PSB+06, PSA99, PBJ+96, PMSB12, QOQP09, Rah96, RG07, Roe98, RTR+16, SZ99, SS99, ST08, SBP04, ST16b, SX16b, Sma04, SM97, SVG08, SSC+15, Sta94, SO10, Str93, Sun95, SSB08, SW10b, TT07, Ton94, VBT99, VM13, VK13, WLX+13, WM05, Wt09, Yan94, ZGA10, Zha97, ZV05, ZS14, ZYS15, ZSB16, ZSG17, ZFH15, ZTM+16, Zin14, ZLJ96, Zim00, dSL05, AM95, Atk94, CV93, CW97, Fre93, JS93, Kor93, LV94, LJ93, Lie93, Pol16, Rún93, WTS94, YZ05]. **Linear-Quadratic** [Ded10, HN06, PMSB12, CV93]. **Linearization** [KT15, Slo02, vdZvBd10a, vdZvBd10b]. **Linearized** [BTGS13, BT16, HG02, HNS08, HBS00, Mu97, OB08, WY12, WY13]. **Linearly** [BBM+15, GKL08, LST07]. **Lines** [HRT13, KMT98, WH13]. **Linesearch** [BS03, Toi96]. **Linked** [CDY07b]. **Liouville** [AF15, Bou01, LV10, ZAK15]. **Lippmann** [ABIGG16, ZNZ16]. **Liquid** [AAB+15a, AEMLM16, BLGL11, MMRN15, RG13, VPP05, ZLW16]. **LMF** [Ber00a]. **LMF-Based** [Ber00a]. **Load** [Bas98, GPTV15, Ten98]. **Loads** [ACO98]. **Lobatto** [GK11a, PZP07]. **Local** [AMM+11, ABH03, BYL13, Bla97, BVV08, BG04, CCF14, CL11, CJGX15, DG09, Doh07, EN16, EPV94, FMB13, GGM07, GMM15, GX16b, JP16, JK11, JED10, Joe95, KKK16, Kan03b, LK02, Lj95, Mar94, Mau95, NXDS11, PDC99, QL06, Sch10, SP16, TV11, W12a, XS08, YC13, Yu01, YSZ14, FCR93, Joe93, TV93]. **Locality** [ABKS16, AKA13b]. **Localization** [EMM+99, GM14b, SBR06, VP11]. **Localized** [CF00, DFQ14, HM14, OS15, PBWB14, RAB+14, WLE+00]. **Locally** [AHR12, AMP00, DLM16, EU09, Kny01, KALO07, LLW16, MS13, Sha99, Str95, SL09b, Tor05, VK15, VYX16, Wan01, Zim14, Ainn96]. **Locating** [FD03, KV96, KMSV99]. **Location** [GS12]. **Locking** [Mee01]. **Lodgepole** [WP98].

Markovian [BD05]. Martensitic [NWW07]. Mass
[AH06, CL97, HRT10, HLM06, HLM+09, KLY05, KLY07, LR12, LP03, Sch13].
Mass-Conserving [CL97, HLM06]. Massive [AH06, CL97, HLM06, HLM+09, KLY05, KLY07, LR12, LP03, Sch13].
Massively [BRK16, CFM98, GCB15, GAMV13, HW94, HGRW16, Pip13, SR16, ZSD+10, MH95].
Master [DHJW08, Jah10]. Matched [AH09, BHNPR07, CM98c, Dur16].
Matching [Ami94, HW01, KPP+16, San10, SSJB17, WPGR13].
Matchings [HS06a]. Material [BW01].
Material-Energy [BW01]. Materials [AFMP15, EIL+09, SP03, SBX+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, APÇ04, BDD+97, BN05, BGL06a, BK16, BOR97, Ben01, BHT00, BDvdG05, BC13, BL99, Bör07, Bör09, But13, ÇAK11, Che13, CGMR05, CV98, DLP05, DHHR09, DPV05, Di 97, DW05a, EK10, FS08, GWMG03, Gug16, Han95, HJS99, HK00, HW95, HLT97, Ips01, JN10, JP11, KKT13, KKL05, KLST06, KS07, KTV15, KMSM14, LLHF13, Lee13a, LSC03, LS13b, LNC05, LYL+11, MO08, Mar16, MV16, Meu01, Mön08, NP10, NL99, Nik00, Not00b, PKNS14, QS08a, RT99, Ros15, Saa96, SCP04, SSH06, UA04, UA07, VD10, VL10, VK15, Vir07, Wan97, WS15, Xia13, XCI3, ZGA10, AMB+94, BW93, CS97, Di 95, FS96, FF94, FGN93, Gut93, Jin95, Lan93, May08, Nag93, NCV06, Tre93, Tre97]. Matrix [AKA13b, AA14, AMH11, AMH12, AMHR13, AMHR15, ADL+12, ACW12, AKM+14a, AD15, AVW13, ABB+16, BCT07, BSH16, BGM13, BSS09, BF95, BFK03, BCI3, BGH13, Bru15, BG12, CKOR16, CA16, tVÇA10, Che16, CI16, CL08, CGH11, DM16, DKG15, DN97, DGB15b, DGG98, DCP11, EZ11, Eb06, EBSS+11, FMYT16, FK00a, FSvdV98b, FS08, GH15a, Gar97, GT94, GG94, GHS+15, GL10, GG95, Hag02, HW94, HR14, HR16, Hös94, IL16, KT15, KL94, KP11, Kna98, KR00, KHW+14, KV13, LV98, LPS10, LXdH16, MV00, MKSG10, MB99, Mat95, MDM15, MZWG16, Ng00, OKLS15, OD12, PSS17, PV94, PV95, QGSvdG01, RN14, Ruh98, SIDD15, SvdGP16, SZ00, Sim07, SLO13, SQO02, TS11, TW13a, TPT+16, UA04, VSS14, WSZ14, WLL+15, WH09, YB09, Zha96, ZJX14]. Matrix [vKVA11, vdEH05, BR95, Jam96, Nat97, OA93, YL93]. Matrix-Dependent [Kna98]. Matrix-Free [BG013, FK00a, LXdH16, vKVA11, ACW12, Bru15]. Matrix-Matrix [AA14, BG12, GHS+15]. Matrix-valued [DBG15b]. Matrix-Vector [AKA13b, KHW+14, KV13, MDM15, UA04, WH09]. Max [GG94, GGG95]. Max-Min [GG94, GG95]. Maximum [ACW12, AW11, BI09, DGS08, FH06, GY09, IMS96, JX13, LI01, LXX16, LY14, RGG15, TV98a, XQQ15, ZSL12, Zim13]. Maximum-Principle-Preserving [XQX15]. Maximum-Principle-Satisfying [LXX16, LY14, ZSL12]. Maxwell [APZ13, AA02, BBB14, BGG+03, BHST08, BV09, CGG+14, CWZ07, CMHR10, DGGG09, DF99, EKS15, EDGL12, Hen06, HI11, HTB+05, HY14, HHLW15, HHL15, JGL05b, JZ00, LHL11, LX16b, McC95, MP94, MS12, MSVO00, NHSS13, PS10a, PL12, RMR15, RT01, RL10, RW01, RGG06, ZCW10]. May [KUH96, 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, GDSL14, Hof05, KS15b, LTT16, MT97b, Ren15, RW06, VP14].

Mean-Field [LTT16]. Mean-Square [MT97b, RW06]. Means [AAB+15b, ABCP08]. Measure [SG04]. Measurement [CAB04]. Measurements [GP16, HTH+16, KBV09, MS03, PDTVM08, RKvda14, vdDA12]. Measures [Cao07, LCN14, PSSW15, RGOY10, WK06].

Measuring [Hua05, Kaw15]. Mechanical [AL99b, CSS10, HW09, RN14]. Mechanics [BTB05, ES00, GRPG01, Lee13a]. Mechanism [LL02]. Mechanisms [HS16]. Media [AE08, ABBM98a, ABBM98b, AB17, BGS09, BC09b, CDB13, CCH15, DLM16, FHR14, GYZ11, GJP+14, GW04b, HY14, HSSZ09, KK02b, LVWW03, LE10, LOL13, LLZ15, LZ04, MJR05, PS10a, Slo02, TTSM08, WLE+00, WZET13, YYS16, YGCP96].

Medical [HDB08]. Meets [MZWG16]. MEG [HCHS13]. Melnikov [XYZ05]. Membrane [DZ08, RR98]. Memory [AKK14, AAB+16, BBSV10, BDD+97, BT03c, BrVČG+10, BFJ00, BGR16, BLNZ95, D07, G015, GKK10, HKR02, HWD02, LM99, LWZ13, LFLS08, McLi12, PF94, PR96, Sta07, SM07, Sun96, Ti15, TD99, VMV15, ZV05, NP93a].

Memory-Aware [AAB+16]. Merge [Oli01]. Merging [GHS+15, Ros97]. MESFET [Bl09]. Mesh [AFPM15, AKM+13, ADM+15, BLH02, BBSW94, Ber98b, BVV03, BHR96, BW09, BGW11, CHR99, CHR02, CPB13, Che99, CWL+14, CC06, CC09, CC12b, yCWHJ12, DPF15, DDGS16, DLTZ05, DLTZ06, FK00a, FR10, FCC10, FJP99, GVP06, GT98, GHTW00, GMT98, HHM08, HO15, HR07, HB97, HR99c, Hua05, HA08, JTZ08, JP97, Kma01, LMKG16, LPR98, LC05a, LC08, MMRN15, MN07, MP08, MM07, Ols07, PP05, Pol16, RH06, RWX07, SLO9a, SMR01, Tra95, WC00, WH15, WCHZ14, XOMN10, YHQ12, ZJC12, ZAD+16, ZSD+10, Zie12, de 99, CC11].

Mesh-Free [yCWHJ12]. Mesh-Independent [BVW03]. Meshes [AKS05, AMP00, BBD16, BKS13, BH16, Cai95, CH09a, CGZ99, CKRS07, EFHL09, FCZE14, FCM12, GW15, GHH07, Gob08, HH16, HG00, ISG15, JvV6, KZ16, LNSZ06, L95, MLL13, MB13, MTTV98, MKRK13, PABG11, RKLN07, SB10, SV08a, Sha99, SY08, SY09, SV03, SC02, Tal15, TAHR15, TPT+16, VBT99, ZS03, ZMS10, Ain96].

Meshfree [COR13, COS06]. Meshing [BH00a, BL04a, HGP14]. Meshless [FDS13, Lin16]. Mesoscale [BRK16, RG09, YC14]. Message [BS98]. Metabolic [LNA+11]. Metallic [PS10a]. Metamaterials [HLY13]. Metastable [Kue12]. Method [AB17, ABMR11, AFF+15, APSG16, AA13, Ama98, ALJ99, AF11, ACC00, AF15, AHDK14, AP12, ABCP08, AH04, AH06, AW11, AHH12, AHR12, AP99, ACC13, BA05, BS08, BCR03, BS05a, BGL06a, BM10, BLMR02, BT03b, BO07, BHV05, B01, BS05c, BS90, BDZ13, BMT13, BGOD08, BV03, BG10, BSHL14, BB10, Bar99, Bar05, BOF16, BRT07, BC06, BK08, BG98, BM01a, BSS09, BL04b, BMD016, BPT+14, BM95a, BMT96, BCT00, BH12, BP13a, BLS14, BPS13a, BM01b, BHK14, Bet08, BK04, BLP14, BK00a, Bj05, BT97, BCSS14, Bha03, BI09, BLGL11, BGH+03, BCC16, BU15, BBD16, BBB+11, BCP15, BPR16, BB08b, BB03, BBMR03, BS96b, BCL99, BIA05, BTT13, BOPGF06, BTGH12, BCM15b, BG13, BG04, BFSN08, CC16, CW07, CL10, CLW13, CGL+13, CH09a, CKOR16, CB98].

Method [CG99, CH02, CP04, CGL01, CV15, CKQ14, CCS97, CCS08, CDH98, CGM99, CP13, CL03, CWZ07, CCCZ10, CM15, CHX15, CJY16, CVK13, CPS11, Ch01, Cho09, Cho05, CILZ15, CDB13, CK07, CJK10, CDG+09, CS16, CGM00b,
Method

[CH11, CDN16, CKRS07, CFM98, DBC13, DY06, DM13a, DK10, DFG15, DB98, De 12b, Ded10, DJT08, DLY16, DT95, Den97a, DLM16, DT00, DG16, DHE13, DLY16, DP09, Don06, DGMP13, DGMP14a, DGMP14b, Fai03, FO08, Fer98, FDS13, FCZE14, For06, FN94, FL08, Fro12, FM07, FJP11, FKW13, GJ05, Gar05, GH02, GBCT10, GN14, GJ05, GM14a, GR02, Giv12, GY99, GMV99, GY02, GRMS09, GXY15, GMO14, GOS12, GH99, GKT09, GS00, GS02a, GS02b, GS03, GO09, GHKS14, GV09, Gug16, GC97, GX16b, GC16b, GN07, HM05, HLM15, HRT01, HGB98, HP14, HM98, HLY16, HBL05, HRT03, HKR16, HLW00, HBL05, HRT03, Hen05a, Hes98, HSZ12, HP94, HC95, HL10, Hoc01, HY08, HV95, HR99b, HQR*16, HB97, HY10, HS99c, HTH*05, HY14, HJX15, HS94, HJMS07, HX13, HLY13, HML16, IT09a, IN99, Jac03, Jah10, Jam98, JP16, JMM10, JKM14, JW08, JN10, JED10, JWH08, JK05, JG02, JL05b, JvGVS13, JP01, JK00, KLV+16, KM11, KH14, KNN12, Kan03a, KMT98, KV05, KP06a, KP11, KP12b, Kla99, KW00, KL13a, KLY05, KLY07, KP10, KR99, Kny01, KM16].

Methodologies

[KS13, Kol99, KC16, KL13b, KLZ*06, Kra09, KP05, KP06b, KO13, KL11, LW12a, LHL12, LP11, LP13, Lan10, LRMS15, Lar99, LLP98, LMR98, LL02, Loy98, Le 09, LS13a, LG97, LL03a, Lee10a, Lee13a, Lee14, Leh15, LCD14, LZ01, LZ02, LLZ08, LLZ09, Li10, LL14, LLX15, LP04, LY98, LZ13b, LC05a, LC08, LJJ18, LKK08, LS09, LX16a, LH00, LD05, LFBO08, LN04, LPP09, LD03, LX16b, LX16c, LS00, MR09, MN07, MR04, MRS04, MCT*05, MWBG12, MR07, MW03, MS06a, MR02, MST15, MVBO13, MG12, MO10, MTM08, MZ94, Moo00, MTV16, Mu97, MPS09, MSV00, NN12, NAS13, NRMQ13, NS06, NM13, NMB11, NvdP00, NNH99, NKM10, Ob13, OS15, PRS12, PDTVM08, PR09, PS10a, PK13, PW12, PHJ11, PBWB14, PZZB15, PL12, PN13, Pen00].

Methodology

[PP08a, PT01, Pla98, Pol16, PS10b, Por01, PD15, PoH09, PbtTB*15, Pup99, PM15, QL06, QS05b, QS08b, RR03, RR05, RG13, RZ03, Rei13, RMC12, Ren15, RU01, RW01, RZTK*15, RV10, Ros06b, Rwd94, RO12, RO15b, RS00, RSA05, SB10, SB98, SS98, Sar98, SA99, Sch94, SR16, Sch09, Sch13, SL09a, SM94, SM07, SG95, Sim07, SS10b, Sni97, SK05, SC02, SF16, SM01, SAB14, Str06b, SL09b, SO09, SV01, T95, TCK13, TKW08, TLLK09, TY00, TT06, TP09, TBKF14, UWX*15, VP10, VP14, VN03, VMM13, VV05, VBT99, VK15, VYX16, VSBH99, VCB16, Vog16, WS95, WX99, WLE*00, WLK06, WYY09, WM11, WYY11, WB12, WY12, WHWX13, WSZ14, War13, Wei99, Whi15, WKM*07, WHY13, WGF08, WS15, WFP15, XEG06, XA09, Xie05].

Methodology

[KS13, Kol99, KC16, KL13b, KLZ*06, Kra09, KP05, KP06b, KO13, KL11, LW12a, LHL12, LP11, LP13, Lan10, LRMS15, Lar99, LLP98, LMR98, LL02, Loy98, Le 09, LS13a, LG97, LL03a, Lee10a, Lee13a, Lee14, Leh15, LCD14, LZ01, LZ02, LLZ08, LLZ09, Li10, LL14, LLX15, LP04, LY98, LZ13b, LC05a, LC08, LJJ18, LKK08, LS09, LX16a, LH00, LD05, LFBO08, LN04, LPP09, LD03, LX16b, LX16c, LS00, MR09, MN07, MR04, MRS04, MCT*05, MWBG12, MR07, MW03, MS06a, MR02, MST15, MVBO13, MG12, MO10, MTM08, MZ94, Moo00, MTV16, Mu97, MPS09, MSV00, NN12, NAS13, NRMQ13, NS06, NM13, NMB11, NvdP00, NNH99, NKM10, Ob13, OS15, PRS12, PDTVM08, PR09, PS10a, PK13, PW12, PHJ11, PBWB14, PZZB15, PL12, PN13, Pen00].

Method

[PP08a, PT01, Pla98, Pol16, PS10b, Por01, PD15, PoH09, PbtTB*15, Pup99, PM15, QL06, QS05b, QS08b, RR03, RR05, RG13, RZ03, Rei13, RMC12, Ren15, RU01, RW01, RZTK*15, RV10, Ros06b, Rwd94, RO12, RO15b, RS00, RSA05, SB10, SB98, SS98, Sar98, SA99, Sch94, SR16, Sch09, Sch13, SL09a, SM94, SM07, SG95, Sim07, SS10b, Sni97, SK05, SC02, SF16, SM01, SAB14, Str06b, SL09b, SO09, SV01, T95, TCK13, TKW08, TLLK09, TY00, TT06, TP09, TBKF14, UWX*15, VP10, VP14, VN03, VMM13, VV05, VBT99, VK15, VYX16, VSBH99, VCB16, Vog16, WS95, WX99, WLE*00, WLK06, WYY09, WM11, WYY11, WB12, WY12, WHWX13, WSZ14, War13, Wei99, Whi15, WKM*07, WHY13, WGF08, WS15, WFP15, XEG06, XA09, Xie05].

Methodology

[KS13, Kol99, KC16, KL13b, KLZ*06, Kra09, KP05, KP06b, KO13, KL11, LW12a, LHL12, LP11, LP13, Lan10, LRMS15, Lar99, LLP98, LMR98, LL02, Loy98, Le 09, LS13a, LG97, LL03a, Lee10a, Lee13a, Lee14, Leh15, LCD14, LZ01, LZ02, LLZ08, LLZ09, Li10, LL14, LLX15, LP04, LY98, LZ13b, LC05a, LC08, LJJ18, LKK08, LS09, LX16a, LH00, LD05, LFBO08, LN04, LPP09, LD03, LX16b, LX16c, LS00, MR09, MN07, MR04, MRS04, MCT*05, MWBG12, MR07, MW03, MS06a, MR02, MST15, MVBO13, MG12, MO10, MTM08, MZ94, Moo00, MTV16, Mu97, MPS09, MSV00, NN12, NAS13, NRMQ13, NS06, NM13, NMB11, NvdP00, NNH99, NKM10, Ob13, OS15, PRS12, PDTVM08, PR09, PS10a, PK13, PW12, PHJ11, PBWB14, PZZB15, PL12, PN13, Pen00].

Methodology

[BC09a].

Methods
[AE08, ABBM98a, ARMNW10, AC08, ACVZ12, AVZ13, AG10, ABL05, AMN15, AL02, AC05, AMVR17, AV14, ABC+16, AG10, AKA13b, APvDG12, AFB96, ABC00, AARM13, AAB+15b, AL05, AW15, AGH13, AKM+14a, AKT16, AS05, AA02, AKM14b, AL97, AL99b, AHH06, ALZ14, BS03, BS07, BKGV16, BQ08, BR05a, BGLY05, BH07, BN98a, BK16, BS05d, BBG04, BN00, Ba598, BvG15, BBG11, BN98b, BL00, BZCS11, BGK15, BDO12, BMM11, BB15a, BB15b, BHT09, BS15a, BS16b, BSS17, BFK05, BG05a, BG05b, BCM05, BCM11, BKS16b, BF14, BZ15, BvW09, BLR14, BMM+15, BS99b, BT13, BKM10, BDK12, BMV05, BGSV15, BMM14, BDD05, BRW10, BHR96, BOPGF06, BT16, BKM07, Bu13, Bu14, BLL07, CCF14, Cai95, CKS01, CL11, CP15, CGL+12, CHAM06, CSS10, CPH14, CGQ10, CZK15a].

Methods [CPV95, Car07, CV07, CDD13, COS06, Cas97, Cos02, Cz10, vČAU10, CFSZ08, CEHN08, CV12, CS96, CCG09, CN99, CC03, C Chevy, CKY98, CD02, CHMR10, CMK11, CLL13, CB02, CKV99, CS14, CH08b, CK98, CBDW15, CH10, CM99, CFM96, CCG14b, CDW14a, CDW14b, CS10c, CK94, Cor98, CE16, CS14, DO11, DP98, DMM04, DMM05, DG98, DHJW08, DLZ10, DLZT06, DRFNP07, DF12, DB94, DP10, DTM05, DDK12, DGGG09, DS14, DF99, Du16, DK98, EKM94, EGD112, EBR00, Elm98, Elm00, EF15, EMM+99, Ema10, ELHR00, EN09, EV13, EMT09, FTY15, FK00a, FGM08, FR15, FKTW10, FS02, FK00b, FM00, FS12, FS13, FM99, FNN05, GMM02, GK12, GX16a, GZ16, GASS98, GGL09, GKL11a, Gas13, GHH14, GK03, GH107, GL08, GV12, GLQ16, GY05, GM94].

Methods [GGKM07, GKS98, Gra14, GK05, Gri94, G795, GMM15, GSW13, GC97, GNZC17, GW04b, GM04, GVMM14, GP96, HKR02, HR05, Hag00, HKF+13, HHE10, HW13, Han95, HH02, HME+13, HW14b, HNS08, H98, HF07, HT00, HLM06, HLM+09, HMR09, HL98, HY96, HEH14, HLP08, HS01a, HK95, HKM97, HW09, HFL11, Huc08, HLM03, IM97, IM99, IT14, JK11, JSFC97, Jay98, JVG12, JW05, JCL07, JGZ06, JR96, JR98, JP11, JZ00, Kan03b, KM15, KL15, KKB+08, Ket08, Kim05, KL06, Kim08, Kla98a, KR06, KLR14, KLR15, KVM01, KS15b, KW16, KT08, KSU14, KW10a, Kus97, KGT07, LVWW03, LOSZ07, LCB07, LP06, LS95, LL97, LMPQ03, Lec10b, Le13c, LST07, LG09, LHL11, LLLX16, LZ17, LRS01, LL08, Log03a, Log03b, LNS15, Lui00, Lui01, LMM04, LK98, MMR15, MM13].

Methods [MV00, Man99, Mar03, MMT15, MS04, MLL13, MC10, ML95, MC07, MRS14, MW01, Mic01, MT97b, MS12, MS12, MDC98, MZW16, MZ15, NX12, NAC+15, NNRW09, N900, NS10, NY10, NY11, NWW97, NN05, O'L01, OSU10, ORST12, OS14, OLW08, OS98, OSCE00, PS02, PR01, PEO0, PCFN16, Pav98, PZP07, PL06, PSA99, PW12, PST15, Pul08, QX08, QS5a, RKL07, RR98, RG07, RW11, RG98, RG06, RH09, RW06, RS13, Ros96, Ros05b, RS99, RW14, RM08b, SSM16, SL10, Say15, SG11, SRS12, Ser06, SCTP04, She99, SY10b, SY12, SWX16, SW16, SBX+08, SV00, SS03, ST00, SO15, Son12, SH14, SSW98, Sta07, SM07, Ste01, Ste00, SS93b, Ste02, Str96, TS11, TK13, Tau96, TSK09, TV02, TLT12, Ton94, TS14, TPW09].

Methods [TLE12, TP99, TV98b, UA07, VC00, VV05, Vv07, Vi14, VW94, VQ96, VPP05, Wal09, WCS00, WC03, WPL+13, WLE+00, WL08, WW09, Wan12, WSA16, WG00, WMS09, Wen10, WK03, XZ11, XH05, XT06, Yan94, YTL11, YYS16, YBLH16, YZ07, YZ08, Yu01, YCS16, YB09, Zam16, ZK14a, ZCZ14, Zhi17, Zha97, ZV05, ZCL+11,
ZZWZ14, ZSB16, ZMS10, ZK15, ZW94, ZF09, ZS02, ZS04, vHBTc12, vdVY00, AP93, Atk94, BR95, BHP94, Cai94, CSS93b, CW97, Dax93, DG95, Elt96, FS96, HHRV93, HLS93, Lie93, Lsm93, MMPR93, MP94, Pen93, PM95, Rán93, ST94, She97, Wei94, Zha94, vd97].

Metric [BPR16]. Metrics [GKRB16, Knu01, UA04]. Metropolis [CKLL16, Wal14]. MHD [CST +13, CST16, PEC +14, PSC +16, Rav05]. Micro [JS10, LLS13, LM08, LM12]. Micro-Macro [JS10, LLS13, LM08, LM12]. Microchannel [HKF +13]. Microflows [CLQ12]. Micromagnetism [Lab05]. Microprocessors [HML +04]. Microscope [WPL +13]. Migration [AR99]. Min [GG94, GG95]. Mindlin [CG07]. MINERR [Du98]. Mines [XK08]. Minimal [BBSV10, CGS02, DS14, Lee13a, LRS02, LN04, LD03, NM13, OK13, OW014, RN95, SV01, Tsn94, WMI09, Bia94, CGS +94, Fre93]. Minimax [GJM94, LZ01, LZ02, SW10b, YZ05, ZFS15]. Minimization [AAB +15a, BLP14, BCL99, BL08b, CC08, CXY04, DK10, DGP10, Doh03, Df03, FNNB05, GY90, GRMS09, GS98b, GNZC17, KKK16, LMRs15, LST07, MF06, MN05, OC05, OST11, Vas10, WBFA09, YG15, YSXX17, YMW07, YLHX15]. Minimizing [AC098, ACC000, CW12, Don06, Hag02, HK16, WCSS00, Wei94]. Minimum [AW11, Ash95, BB08, Kas95, MV00, Nq00, P002, PH11, Wan13, dMHHM00, Dg95, SS93a]. Minimum-Mode [PH11]. MINRES [CPS11, Du98, GH02, KL12]. MINRES-QLP [CPS11]. Miscellaneous [CL07, LY98, WLE +00]. Missing [ZW16]. Mixed [AE08, Ain07, BRT07, BMM98, BG04, CPV95, CGP12, CZ10, CKY98, CKV99, CF05, CG07, DK98, EFSU09, FGM08, FKTW10, FNNB05, GJ08, GYZ11, GS16, GH02, GW00, HJP03, HJP04, HW09, KL +16, KS99, KL05, MMT15, MRT00, Mic01, Pav98, PSA99, PQQB14, PSC +16, San10, Sar98, SJR09, Sch02, SW16, Sta00, VP14, WLE +00, XCS16, YTD15, YBHL16, ZHS10, CGP93, WTS94]. Mixed-FEM [GH02]. Mixed-Hybrid [MRT00]. Mixed-Mean [VP14]. Mixed-Precision [YTD15]. Mixing [ZC04]. ML [YC99]. Mode [Aru12, CGM00a, PHJ11, WRB +15]. Model [AdSGC12, ABD1F15, ABST13, AN16, AG16, AH90, AHR12, AKM14b, BBSW16, BB08a, BBBBB11, BG07, BF13, BB15b, BMM98, BK04, B09, BCC16, BK00b, BTW08, BCV13, CLQ12, CTB15, Cha07, CSl0a, CBG16, CCCC10, CDM +13, DKM14a, CG96, CW12, CGHT14, CDN16, CPR11, DHE13, DS13, DG99, DZ08, EMM +99, EF05, Fra98, GX16a, GT98, GKC13, GM13, G008, GL01, GB06b, GSW13, HFK +13, HLLM15, HSS08, HJP03, HHH +16, IA14, JK15, JLZ16a, JP14, Kim05, Kim08, KL10, KPS14, KS15, LDVM12, LCT13, LQR12, Lay96, LSI3a, Lee14, LM17, LM15, LN05, LWG10, LS05b, LM14b, LRT11, MO00, MRS16, Mu97, MEF09, NKT08, OS14, P012a, PW15, PW16, PNP13, PM16, PS11b, QS14, RDP08, RLM +00, SSD12, SRB06, SY10a, SSJ17, Sma01, TLN14, TY00, To08]. Model [TGS08, VP14, WIOH08, WH13, XBC96, XJS12, XJS13, ZFLB15, ZLYW16, Zin14, dSGK +15, ten95, CHMK13]. Model-Based [FRA98]. Modeling [AS07, ACC013, BPR04, BCT05, BBH +16, BCG +10, BGL06b, CHL06, CGDD11, Ga08, GV15, GRL10, GM11, HK03, HLY13, HLM16, JK10, KL07, Kuo00, LTVW03, Lay06, LCR +16, LOL13, LO14, Lem16, Lin06, LM14c, MJR05, NMIW11, NWW97, OPRB06, PSKG13, RG13, Ren15, RG09, ...
RK07, San10, SDNL10, SPKB13, SCM10, TPT+16, WKM+07, vdHCDD15, LP06].

Models [AA00, AKA13b, AF11, ABCP08, BST08, BHN10, BCF13, BB04, BGSV15, BJ08, BMV13, CV07, tVÇAU10, CNP12, DSB99, DIP00, EHL06, EMSW12, FKQS17, FS05, FY14, GR04, GV16, HPS06, HBO8, Hri03, Hri05, KGM+11, Kou09, KL11, LL02, Le05, LRP07, LP08, LDS11, LZ16, LNA+11, MMRN15, MEHL16, MW08b, NGX14, NCT99, NMFP16, NGX14, NCT99, NMFP16, OPRB06, QZT11, RWKW14, RWWK15, RS13, RW97, RLC08, SRS12, SHP07, SC03, SY14, SBX+08, WM05, WKM+07, WTS94].

Moderate [NN14].

Modern [DARG13, EMM+99, KHW+14, MRV06].

Modes [Fli13, JvGVS13].

Modification [MOKS12, Pet01, ST14a].

Modified [ACVZ12, APS12, BS15a, BFK03, BIA05, CGL+13, Dax03, EIL01, GL03, HLW00, LV10, LRT11, LXK08, MR02, MM95, MM98, Sch93, SH01, Zyg11, Anj93, FGM95, LCW95, OS95].

Modular [KS16a].

Modulated [CDM+13].

Modulating [ALLK15].

Modulation [ACD13, EMM+99, KHW+14, MRV06].

Modulus [CCG14a].

Modulus-Squared [CCG14a].

Molecular [APvDG12, BZ10, BCR11, BTY08, GLT09, LR01, NKT08, OKF14, QST11, RN14, SSB09, Ske09, YPN+01].

Molecule [Nak98].

Molecules [Kra08, MS04, VS17].

MOLNs [DTT+16].

Moment [BN98b, BLM03, CL10, DFW07, KW10b, LZ04, PKR+13, San10, TKCC13].

Moment-Based [BN98b, PKR+13].

Moment-Equation [LZ04].

Moment-Parity [BLM03].

Moments [BSMM16, GMV99].

Momentum [LN12a].

Monge [BW09, DF10, Frol12, PTvR+14, PBtTB+15].

Monitor [CHR99].

Mono [Lee10a].

Mono-Energetic [Lee10a].

Monochromatic [KR14].

Monodomain [DKP14].

Monolithic [ABC+16, MKWG15].

Monomial [WB08b].

Monotone [PL03, SY10, WK03, Bae93].

Monotonic [Wo09].

Monotonically [DBC13].

Monotonicity [AW11, BH14a, BS04, BM10b, BM10b, FK97].

Monotonicity-Preserving [BH14a].

Monte [ABLS05, ACdS+11, BHvST14, BCSS14, CKBT16, EHL06, EBSS+11, GLSTV16, GKR16, HW14b, HLL00, IT09a, IK10, IT14, KKS08, KBK+08, LZ04, MS04, MSS12, Ökt05, PR01, PWG16, PR16, TPW09, Wan12].

Monument [Sem10].

Morrison [BCMM03].

Mortality [Kim05].

Mortal [BBMR03, GYZ11, GJP+14, KL06, PWG12, Ste01, TW13b, WW03].

Most [KM05].

Motion [BN98a, CS94, CFSZ08, GM13, HT16, MO00, MO10, NIt99, Sch05, SU15, TR93].

Motions [MK96].

Motor [GLL+15].

Mountain [Ben13, Ben15, Tum10, TBC+11, Vas05, vdV01, vdVDE+02, vdVDE+03, Vas07].

MOVCOL4 [RWX07].

Movement [BLH02, FS05, KWW13, NMWI11].

Moving [BHR96, BW09,CHR02, Car10, CM98a, CM98b, CP13, DB13, DLZ05, DLZ06, GLQ16, Gra14, GN07, HR07, Hei13, HR99c, Kup00, LPR98, MMRN15, MN07, PM15, RWX07, SMR01, SAE10, TY00, VB07, WS07, YHQ12, Pet93].

MPEC [BLP14].

MR [BEM94].

MREIT [SKJ+13].

MRRR [DPV05, PQOB14].

MRRR-Based [PQOB14].

MSP [WZ03].

Multi [BL03a, CB98, HK95, HK97, LNP+07, Log03a, Log03b, MSS12, OPRB06, RTR+16, Saa96, SW09, WK06].

Multi-Adaptive [Log03a, Log03b].

Multi-dimensions [MSS12].

Multi-Element [WK06].

Multi-Elimination [Saa96].

Multi-experimental [BL03a].

Multi-P [HK95].

Multi-Resolution-Analysis [LNP+07].

Multi-Right-Hand-Side [CB98].

Multi-Scale [OPRB06].
Multi-Stage [SW09]. Multiblock [LDM00, MC10]. Multibody [AKPRB08, Lee13b, Sch05, WK03, YP98]. Multichannel [YZY09]. Multiclass [BCV13]. Multicloud [DKM14a]. Multicolor [WH95]. Multicompartment [KLJ10]. Multicomponent [KS15b, LD05, WZET13]. Multicomputers [HV96, Rot96]. Multicore [ABC14, GV15, GLR16, HRS10, HEGH14, LD11, MHL15, RHSK11, SH14, VTD12, YTD15]. Multicore-Optimized [MHL15]. Multicore/Multi [RHSK11]. Multicore/Multi-GPU [RHSK11]. Multidimensional [BLH02, BBBV13, BZ12, BL03c, CGMV05, FCM12, Hei13, HDZ16, Hor10, Inv02, JL05a, JT98, KK09, LE10, LL99, LP00, LR02, RO15a, Str95, TW09, WL01, Win10, BZ96, Ena97, ZMC94, AL14]. Multidimensions [Sur00]. Multidomain [CLL13, PM95, WPG13]. Multifamily [EZ11]. Multifidelity [NGX14, PWG16, PVK16]. Multifluid [Kar96, SA99]. Multifrontal [AGL10, AAB15b, But13, GLR16, VM13, Xia13]. Multigraph [BS99a, BS02]. Multigrid [AC04, AC05, ABKS16, BA08a, ABC16, ADGM98, And16, AA02, BFY11, BSH16, BDS98, BFJ15, Bas08, BDO12, BI00, BFG16, BGH03, BHST08, BKS16b, BVV08, BB03, BH08, BVW09, BM95b, BD99b, BI01, BF14, BCF10, BFM05, BGMR01, BF00, BVW03, BLM03, BSA13, BKS13, BK11, CW07, CCS98, CGG14, CH02, CMM07, CKY98, CMK11, CM15, ICCVEKV17, CFH00, CRV14, DMS01, DMM04, DMM10b, DMM10a, De 12b, DM13b, DT95, Den97a, DB94, DTM05, Doh07, DSC05, EEO01, EOY05, FS14, FFK14, FS96, FMB13, FKK14, GN16, GGL09, GMSB16, GV15, GGOY02, GRS15, GSO03, HKR02, HR05, HW13, Haz08a, Haz08b, HHvR03, HW01, Hen05a, Hen05b, HTW12, HV95, HTB05, HGRW16, Huc08, JIA14, JL05b, KKV13, Kan03a, KR14, KK09, KK02b, KY03, Kna98, KR99, KM16, Kra08]. Multigrid [Kra09, Kwa99, LO11, Lee09, Lee10a, Lee12, LN05, LB12, LB06, Liv15, MO08, MM13, MMM94, MS06a, MT96, MSB15, MMV98, MN08, NN12, NN14, NAC15, Not12, OR02, Ols07, OST11, OW98, OW00, OW02, PZZB15, PT01, PoH09, RGOY10, RLM00, SB10, Sch98, SCTP04, SIS96, Shaa99, SS10a, SAB14, TZ95, TY11, TY15, TPT16, VV05, VV13, Vir07, WCS00, WC03, WL04, WHCX13, WOW00, WO01, WO99, WW03, WK03, WE06, XQ94, YBYH15, Yav96, YBV98, Zas95, ZFO9, bZOW07, BGP94, BY93, BH93, LK93, MMM95, MMY96, TW93, Yav93]. Multigrid-In-Space [And16]. Multigrid-Preconditioned [PT01]. Multigrid-type [DSC05]. Multigrids [BTB05]. Multilayer [Lar99]. Multilevel [ABH03, AKS05, AP99, BMP16, BS02, BK98, BK99, BL04b, BHT09, BS05f, BGS09, BBB11, BMSV97, BV98, BGR16, CGP93, CGZ99, CC08, CC10, CW07, CXW15, Cho05, ICCVEKV17, CDGT01, DMM08, DMSW10, EY07, EN08, EN09, EK14, EK10, GLS13, GXY15, GRC16, Gri94, Gri95, GS02b, GR05b, GrM10, HM05, HJ98, HLMR96, HL10, HS01b, JK11, JR96, KN12, KK98, KKT13, KS94, KKF11, KC16, KT08, Kra12, LLP98, LLZ08, LX16b, MG07, MG09, MG11, MV94, MK08, MSS12, MTV16, OKLS15, PS08, PS11a, PC07, Rüd94, SZ99, Sa05, SCTP04, SBX08, SW03, SLC01, TTY16, WC00, WIOH08, YD06, Zha94, EG93, LB11]. Multilinear [SL10]. Multimedium [WLK06]. Multimodal [HW03]. Multinumerics [TW13b]. Multiparameter [BC99]. Multipass [MS98]. Multiphase [BHN10, LVWW03, MBGV16, RHSK11, ...
SU15, WZET13, Whi15]. Multiphysics [BS16a, LCR+16, WPGR13]. Multiple [ARMNW10, AEFM17, AHDK14, ABB+16, BA05, BNP15, BDvdG05, BS96b, BD99a, CGL+13, CGR14, CN99, CC97, CMM95, EPE05, GYZ11, HR05, KMR01, Lee10b, LZ01, LZ02, LX14, Liv15, LN04, MN11, Nov15, RH06, RNR16, SG95, SO10, Str93, UA04, WS07, WO98, WW12, XYZ12, YTD15, YZ05, YC99, ZGA10, CW97, Heg95].

Multiple-Coarsening [Lee10b].

Multiplication [AKA13b, AA14, ABB+16, BSH16, BG12, DO15, DKGS15, EBSS+11, GHS+15, KHW+14, Mat95, MDM15, SLvdGK14, SvdGP16, VR14, WH09, YB09].

Multiplications [YL93].

Multiplicative [Cai94, CGG07, HLZ13, SCGT07, VIL14, WY13].

Multiplier [BLS14, IT09b, KL15, LNS15].

Multipliers [KMW99, KW00, WY12].

Multiply [BC13, DK11, HT09, NAS13, Goe97].

multiply-add [Goe97]. Multipoint [SBS98]. Multipole [BCR11, BT03b, BPT+14, Ber95a, CDS05, CD13, CJ05b, ED95, EG01, GR02, GSS00, GD03, GrM10, HEGH14, HR08b, KLZ+06, LCD14, MG07, MG09, MG11, MR07, NKLW94, OC03, OC05, PD15, RRR05, Sch94, EB96].

Multipole-Accelerated [NKLW94].

Multipole-Based [GSS00].

Multiprecision [CVW06].

MultiPreconditioned [Spi16].

Multiprocessors [Sun96, NP93a].

Multiquadric [DD12, KW11].

Multiquadrics [CBN02].

Multirate [Pul08].

Multiresolution [ATV07, ACD95, ADH99, BW00, BC02, BH97, BT01, DDGS16, DMD+12, HBB+16, JTZ08, KHKL16, LS00, WB00, Lin93].

Multirevolution [Vil14].

Multiscale [AE08, AD07, AKT16, BZ97, CSS10, CD01, CE16, DP10, DCSO10, DMD+12, FR15, Jin99, JK05, KY05, Kra09, LM00, Li99, LNS15, OS15, TW03, TW13b, WM11, ZCW10].

Multishift [VD10].

Multispecies [BMV13, JS10].

Multistage [AHHR16, Ban10, HS06c, ZRTK12, WRB+15].

Multistep [Ban10, IM97, WZ03, ZFZ14].

Multisymplectic [FM06, MRS14, MW15, CV16].

Multisymplecticity [RM08b].

Multitarget [Har08].

Multithreading [But13].

Multitissue [CC11].

Multivariable [Lin06].

Multivariate [BGM09, CS14, CKN06, IM98, LL03b, NX13, Rah13, SX16a, ZNX14, CW93, Heg95].

Multiwavelets [ABI00, BW00, CCA03, WB00].

Multiword [JF16].

Mumford [DMN08].

Müntz [MC05, SW16].

MUSCL [Zen16].

MUSIC [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, LR+04].

Navier [KW07, ABS96, ACL09, BH00b, BBSW15, BL07a, BW11, BS15a, Ber97, CST16, DLT05, DS17, DHE13, ES96, Eln99, EHS+07, Ena97, FF05, GRL10, GHST98, GW98, GK98, GM15b, HLLM15, HG96, Hes97, Hes98, HLM+09, HB00, JL11, JK05, JK00, KLW02, KL05, KGS10, KOV15, LW12a, LLP98, LL03a, LCW95, LLL08, Lu01, MP08, NS10, OR02, PCFN16, PT01, PP08b, PM95, PS12, RG09, SW10b, Sma01, SSF16, SU15, TNL14, TLLK09, TC99].

NCP [Rad16].

Near [FD03, GrM10, MHS98, OL01, SW10b, TO15, Van95].

Near-Field [GrM10].

Near-Optimal [FD03, OL01, TO15].

Near-Singular [MHS98].

Nearest [BCT07, ROO08b, XB16].

Nearly
Nonhypercube [WI12b]. Noniterative [KBV09]. Nonlinear [AEFM17, ADKM03, AFB96, APSG16, Ami94, ABK11, ADH99, AD07, AL97, BK98, BK99, BJM03, BSHL14, BPR04, BM01a, BBM11, BB15b, BLS14, BCF12, BF06, BLR04, BPR04, BM01a, BM10, BGR10, BC99, BM00, BMV13, BF07, BG04, CL11, CGKM16, CZZK16, CC14a, CTB15, CGR14, CM09, CNP12, CGM99, CCJ07, CS10a, CB16, CN10, CW12, CH11, CSW10, DSB99, DHO12, EV13, FBF15, FF05, FSvdV98a, GR05a, GLL+15, GJP+14, GRPG01, GH99, GCB15, GMS02, GH14, GHKS14, GS97, GVM14, GN07, HH98, HKT01, HB13, HLM16, IM97, ISG15, JK07, KB08, KA95, Kaa97, KZ00, KLR14, KLR15, KM98, KLS08, Kus97, LG15, LW14, LSV13, LS11, LK04, Lui00, MIS03, Mar94, MO00, MP08].

Nonlinear-Programming-Based [KB08].
Nonlinearities [KJM14]. Nonlinearly [CL11, GM00a]. Nonlinearly [CK02, HYC16, DH16]. Nonlocal [KM97, RAB+14, XJS12, XJS13]. Nonmatching [MLL13, RT01, WK03]. Nonmonotone [Toi96].

Nonmonotonically [TN16]. Nonnegative [AN16, CIZ16, CL08, DHHR09, IL16, KP11, LD11, NSJ03, SX11, ZJX11, FS96]. Nonnegatively [BV03]. Nonnested [Cai95]. Nonnormal [vD03].

Nonnormality [vBdB05]. Nonorthogonal [DGK98]. Nonoscillatory [BT06, CFR05, CV07, DB07, GR02, HKYY16, JT98, LN03, LT00, QS05a, QS08b, ZLS12]. Nonoverlapping [D97b, MRS04, PL12, RL10, RGG06]. Nonparabolic [DJP00]. Nonparametric [EM09, ES00, HHH08, Hei13, Rei13]. Nonpolygonal [And08]. Nonpolynomial [BB10]. Nonreflecting [LS02].

Nonsmooth [BBSW16, CZZK16, HTM15, JT11, JZL16b, KP12a, Kras99, MV06]. Nonstandard [BT13, R01]. Nonstationary [BTGH12, SM10].

Nonstrictly [TW95]. Nonsymmetric [BDD+97, BN05, BGL08, BM11, BT98, BSvdV99, BHT00, BMM+10, BC1M03, Bur13, Bur14, CJH11, CKD13, CS96, CKY98, EPV94, HWD02, HZ10, Ips01, Jou94, Kas95, Kov15, Krz01, LZ99a, LSS03, MS07b, MN11, PV95, Ruh98, ST08, SJS96, SG95, SvG08, Sta94, TT07, Ton94, Zha97, dDBV14, dSL05, CGS+94, DS93, ES96, ST94].

Nonturbulent [CBS00]. NonUniform [SR16, Ain14, BBV13, BHDO8, BB15c, CKRS07, FCM12, GMSB16, NL99, Zen16]. Nonvariational [LP11].

Nordsieck [Ku12]. Norm [BPS14b, BL14, BM00, BRR08, GL08, GS99b, KA95, Meu11, Pic10]. Normal [GS98b]. Normal [KM05, MO10, ST16b, VL10, WR13, YP+01]. Normalized [BD04, BL08a, TW13a].

Nons [AC98, ACC00, FNNB05, G014, GG94, GG95, Hof04, ST94]. Numb [AC98, ACC00, FNNB05, G014, GG94, GG95, Hof04, KR00, Ste00]. Note [ADG07, CW16b, GK11b, GG95, Ips01, KW10b, MGW00, QQsvG01, SC03, WB99, Jin95, Tre93].

Novel [BYK05]. Novel [CGDD11, EKSS16, FO08, GLR+16, GKK10, HY10, Lee10a, MTT08, Xu94, YTL11, ZLTA15]. NR [CLQ12, CLW13].

Null [BN00, HHLW15]. Nullspace [Le 09, RG13]. NUMA [GKC13]. Number [AMHR13, CKQ14, Fer98, GH15a, HR14, KL15, LSW02, LX16b, NH12, NBA+14, SDD12, SV08b, SV11, Ste11]. Numbers [EL01, KV05]. Numerical [ABBMB98b, AB17, APZ13, ADKM03,
ABH03, APvDG12, Ama98, AIL05, AP97, Aru12, ACCP13, BH00b, BL03a, BJM03, BS05d, BMTZ13, BBC+01, BN00, BPB07, BKG15, BK08, Ber98a, BM05, BK04, BCSS14, BI09, BCM15a, BK00b, BV09, BHT11, BBC07, Boz09, Bre17, BBM+08, BTT13, BJ08, BLL07, COZ96, CLMM00a, CKS01, CL10, CLPS03, CZK15a, Car07, CM09, CP05, CGP13, BH97, BGP94, CDH97, Rán93, RST93. Numerically [LRP07, LP08]. Numerics [ACF09]. Nutshell [HL98]. Nyström [CSS93b, Cas05, PT99].

[AN17, BBB14, BPS14b, BS16b, BS06a, Che13, CDB13, CKO15, DG16, DH012, DMD+12, FKK+14, GLQ16, HHHLW15, Liv08, MPRW98, Rah00, RZ03, RSW10, Rub12, XZ10, ZB12, vGEV07].

**Operator-Based** [RSW10].

**Operator-Splitting** [GLQ16].

**Operators** [BS96a, BT04, Beu05, BC02, BZ15, CDY07a, CJ05b, CJ95, DZ15, Doh07, Elb06, FF15, HDZ16, KX96, LW97, MC10, SRS12, SY08, TW03, VR14, WH15, Win10, YR98, ZN16, Nat95, Nat97].

**Optical** [BIK02, CILZ15, HPS08, KdS05, LC05b, RBH06, SKMF15, YSS07, dSK11].

**Optically** [Lee10a].

**Optics** [Du11, GRPG01, QL06].

**Optimal** [AMVR17, AA00, AAD11, APSG14, APSG16, AS93, ACLZ15, AHHR16, BKGV16, BGLO6a, BHST14, BH11, BFK05, BG05b, BK00b, BIK02, BvWo9, BBO09, CCR14, CF07, CWL+14, CK98, CC011, CVDW15, CS10c, Ded10, DZ12, DP07, EU09, FF15, FD03, GXY15, GPS95, GM11, HRT10, HSB12, HN06, HR99b, IR98, Jac03, KB08, KL+15, Kla98c, Kny01, KALO07, KL12, LLX15, MSR04, Mar01, MN07, MS10, MK08, MRW15, NRMQ13, Not00b, OL01, OW02, PWG16, PST15, PBrTB+15, Rav05, RDW10, RW11, RWA95, RW13, ST03, SX16b, SP16, SSC+15, Sta07, SM07, SM15, SW09, SW10a, SJD14, TO15, TUV10, Wan07a, WG00, WG12, Yam02, Yiu95, ZWH+14, ZFwCW15, BDHS10, Ca93, DHGL12, Lin16].

**Optimality** [CCS97, Don06, NM13].

**Optimization** [AEMM16, AHT12, BCS07, BPS13b, BPS13a, BG05a, BG05b, BH08, BGR10, BLNZ05, CA16, CC12a, CJ16, CDM+13, CSW10, De 12a, DF10, DMN08, Doh07, DS17, DGSW10, DW15a, EKM94, EE14, EN16, FM16, FGH+08, GLL+15, GHHK15, GU17, GJ05, GPZ17, GHN01, GJM94, GV07b, GKL08, GHKS14, HOY03, HM10a, HT13b, HS06b, Haz08a, Haz08b, HK03, HRS12, HKT01, KSD10, KLST06, KS07, KLT16, KM16, KHRvBW13, KHRvBW14, KSV16, LCH09, LS13a, LN05, wLxY00, LWZ13, LGH+13, LNA+11, NWW97, PR09, PNP13, PSLG14, PDC99, PMSB12, PBC05, PC07, RP01, RG07, RDW10, SWW08, SWB16, SSW12, SSJB17, SU15, Ste16, DH16, SB15, Toi96, TTY16, VMV15, WB08a, WRB+15, WYGZ10, WRS08, WH09, YHC16, ZZW14, ZDZ16, Car93, DLG97].

**Optimization-Based** [BPS13a, ZDZ16].

**Optimization-Constrained** [LCH09].

**Optimizations** [HML+04]. **Optimize** [BSSH14].

**Optimized** [ADM10, BM01b, BC13, CBBG12, CK94, DMBB10, DGGG09, DKZ09, EDGL12, GMN02, GK12, GX16a, GZ16, IT09b, Jam98, LNS15, MHL+15, MM07, OKD16, PKD13, QX08, SCGT07, SAB14, ZS16].

**Optimizing** [AB16b, Fei98, GRPG01, KKL10, MHL+15, PD15, Rán93].

**Optimum** [Le01].

**Option** [IT09a, LZ16, RO7].

**Options** [AO07, FO08, HY08, HFL11, IT09b, KL11, LFBO08, Mar03, OGO13, OGO16, 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, ABBISF15, Ain07, AAD11, Ain14, ABF96, ALLK15, ABST13, AHT12, AABM13, ADGM98, ABIGG16, AF11, AP12, AS06, AK04, AIV98, BBSW16, BS05a, BCR11, BM11, BT06, BS05c, BG07, BB15a, BB15b, BBKT15, BM08, BPR99, BT97, BBD16, BFS16, BZ15, BLR14, BV16, Brel17, BTT13, BLMO3, BGLO6b, BLLO7, CLMM00a, CLMM00b, CL10, Co07, Cas05, CMM00, CW15, CK15, CLAT10, CD15b, CMO10, CM99, CG07, CK94, DW97a, DW98, DM13a, DG09, DF112, DKR12, DAE02, DS16, DMD+12, DK98, DMM14b, EO15, EO16a, EIL01, FMM98, For06, GH07,
GW15, GBCT10, GM14a, GB06b, GLT09, GM15b, GM11, GX16b, GM04, GN07, HHT03, HW13, HL09, HZXC16, HRT13, Hen05a, Hen06, HO94, HO96b, HH11.

Order
[HS01a, ISG15, ILK05, Jam98, JK15, JK11, KM11, KP09a, KO05, KT05, KL05, KPL13, KR11, KW16, KP05, KS14, Ku98, KL00a, KL11, Kye12, LO11, LP11, LE10, LMMR00, LM15, LL00, LPR02, LG09, LLLX16, LD16, LN03, LM14b, LM14c, LSZ11, LY14, LX16c, MNS07, MSL13, MC10, MRS14, MRS16, MAA0, NHSS13, NN14, NS06, Not00b, Ol05, ÒB05, PT09, PCFH16, PDA09, PP12b, PJ96, QS08b, RRR05, Rav02, RL10, RKL07, RMC12, RM08a, Ros05a, RXW07, San10, SDNL10, ST03, Say15, SPKB13, SHP07, SC02, SC98, Str99, SJD14, TVA02, TM14, VC00, VVM12, VB07, VSBB99, Vii14, Vii15, WMC12, WGT14, WSK99, Wen08, Wen10, WM05, Win06, XH15, XQQ15, XH05, YSS07, YCS16, ZZZ15, ZLLT15, ZS03, ZJS12, ZLS12, ZF14, ZFLB15, ZYSTL15, ZSB16. Order
[ZFP14, ZHS10, ZLTA15, Zmi14, ZPE12, dVM08, Alu96, CSS93b, SY05, HKYY16, HO96a, LSM93, Pen93, She94, She95, ZMC94, ZSPH14]. Order-Optimal [MNS07, MSL13]. Ordering
[BT99, CÁK11, GBDD10, HR98a, MKS10, MM95]. Orderings
[BTSvD99, BT00a, BT00b, Day98, INS05, SO97]. Ordinary
[Bre17, CP04, EM99, HY04, IM99, KW15, KR12, LLS13, Mel95, RNR16, SB05, TSK09]. Ordinate
[HAE10, AKM14b]. Orientation
[HHE16, CPB13, CCH15, Gri95, LW12b, LW14, PDTVM08, RL13, vZvDD10a, vZvDD10b, RG94]. Orstein
[BFP07, BvW09]. Orthogonal
[AK04, Bar00, BF95, BF06, BL99, BL03b, BDMFS04, Car10, CEHN08, CW16a, CP03b, CBS00, CG10, CLN12, CRT11, HM14, IW14, JED10, KH00, KP12b, Mit08, MNZ15, PDA09, Rav02, Sun95, Sun96, SLC01, WGB97, WLL15, Zie12, von97, ALT93, Bi94, Rag95]. Orthogonality
[CJY16]. Orthogonalization
[Sta97, Ste08]. Orthonormal
[WO09]. Orthotropic
[LLO13, LS05a, LLW15, TSY97]. Oscillation
[LP96]. Oscillations
[LRP07, LP08, Pet05]. Oscillators
[LK04]. Oscillatory
[AKT16, CSS09, EY07, GASS08, HW14a, SBK13, Vii14, YP98]. Oseen
[BO06, HSS08, Le09, OV07, Wab05]. Osmotic
[WFAP15]. Other
[Bal00, BCF01, O’L01, ZW03]. Out-of-Core
[ADLT12, RS09, AGL10]. Outer
[GGGL10, GY99, GPZ17, Saa93, AA14]. Outer-Product
[AA14]. Outlier
[VR16]. Output
[AA14, CHMR10, MP08, ZFLB15]. Outputs
[PDH09]. Over- [MSM14]. Overcoming
[EO15, EO16a]. Overdetermined
[DN13, ST96]. Overlap
[AKA13a, Bre00, DW94, GM02, GZ16]. Overlapped
[SB05, WU99, Cai93, Goe97, Pet03]. Overresolving
[BS17]. p
[ST98, BOF16, PK5]. P-Version
[HK95]. P3DFFT
[Pek12]. p4est
[BW11]. Package
[KMRW97]. Padding
[BR11]. PageRank
[FLM+05, GGGL10, K11b, LM05a, WW12]. Pair
[Le05]. Pairs
[PT09, SS93a]. Palindromic
[LW16]. Panel
[RR03, Rot96]. Panels
[RRR05]. Panich
[KL13a]. Pantograph
[HXB11]. Parabolic
[AB08a, AA09, And16, AH09, BC09a, BCF12, BF06, BF14, BW09, BV16, BW10, BW09, CH09a, CNG14b, DKO12, FH06, GN16, Gra14, GS00, HW95, HY95, Kye12, LV13, LLW16, LSZ11, LPP07, MNS07, MSW05, MRRW98, MS10, Mool00, PSC11b, Pic03, PMS12, XQ08, SV08a, Slo02, VV05, VV03].
WG12, Yu01, ZS02, ZFHS15, Boe93, Cai94].

Parabolic-Elliptic [PS11a].
Parabolic-Parabolic [PS11a].
Parachute [KP06a].
Paradigm [BH00a, BL04a].
PARAEXP [GG13].
Paragon [Rot96].
Parallel [ABM13, AKK14, AAB16, ADLR15, AA98, ABI00, BDP497, BDHS10, BDS98, BH00a, BL04a, BO07, BS98, Bar00, BPT14, BPSV15, BLY13, BDvdG05, BFG16, BG05a, BMF12, BK17, BvVC16, BTB05, BGMRO1, BBRO8, BG12, BRK16, BWG11, CGK16, CR16, COS06, CV15, CGG14, CC12a, CC06, Cho00, CP15a, CMO10, CHO12, CG93, CP95, CDFQ11, CMF98, DGH12, DKKP14, DG99, Ema10, EKSS16, Ett16, FFK14, Fie98, FW97, FJP99, GV07a, GG13, GN16, GKV00, GCB15, GAMV13, GG05, GKR16, GKS98, GKK10, GRL08, GL07, GR05b, GH97, HK00, HS06c, HWD02, Hen06, HSF07, HP94, Hig95, HH16, HH95, HKT10, HGRW16, IBM10, INS05, JFG10, JCL07, JP97, KR06].

Parallel [KV12b, KHKL16, KZ16, KW10a, LCBD07, LMR98, LN96, L299b, LYL11, LCO5a, LCO8, LDH16, L14, LKh∠10, Lu15, MKS10, MIM16, XYH16, Mat95, MSM14, MSB15, MW09, Ndd00, Oet99, OW98, OKD16, OKF14, PS11a, Pek12, Pel93, PX16, Pip13, PI13, PEY13, PDMY14, PBC05, PC07, QQSvdG01, RT10, RWA95, RT99, RGG15, SB10, SvdGP16, SR16, SWT00, ST00, SC98, SO07, Sun96, SS08, Ten98, TD99, TAHR15, UA04, UA07, WZ03, WHCX13, WHO08, XB16, XA99, Xio05, YCZ13, YSZ14, ZSD10, ZK96, AS93, AM95, BDP96, DS93, EG93, Göt94, JF93, Lan93, MH95, OA93, PS93, RG94, Smi93, TW93, Wat94, AA14].

Parallel-in-Time [HW14a].
Parallelism [ABB16, BDO12, Min02, PQOB14, RNR16, YS16].
Parallelizable [HLLT97].
Parallelization [GLSTV16, Til15, WZSL12].
Parallelizing [HvdG96].
Parameter [AHDK14, BGL06a, BP97a, BU15, BM00, CMK11, CBS00, CJK10, GJ594, GG05, GCM04, GM00a, GK13, HR96, HCR13, IJT11, KZ00, LS16a, LMW17, LWG10, MS13, Reg96, RW13, SPK16, SB05, TUV10, WE13, We0099, YR12, ZN16, ZTM16, Ll13].
Parameter-Choice [CMK11].
Parameter-Dependent [CBS00, TUV10, ZN16].
Parameter-Robust [LMW17].
Parameterization [LMR97].
Parameterized [BBBG11, CG11, CW12, EF15, GLT09].

Parameters [DD12, EHH12, GK12, HSB12, Jac03, JG02, KS15b, LMI4b, OL01, PDC99, VR16, DG95].

Parametric [ABB16, BDO12, Min02, PQOB14, RNR16].

Parametrization [SM15].
Parametrized [BKG16, DLY14, Ded10, DO16, EPR10, GV12, IA14, JX13, NRMQ13, ZFL15, Zim14].

Parareal [AKT16, DMI3a, GV07a, GJSZ13, LLS13, MSS10, WZ15].

Paraxial [CJ95, QL06].

Parity [BLM3].
Part [ABB16, ABB16, ABC00, BG15, BG05a, BG05b, BTGMS13, Bur13, Bur14, CHL16a, CHL16b, DZ13, EO15, EO16a, GOS12, GGS08, GS20a, GS02b, KGG10, LRP07, LP08, Lc010a, PMS14, Rdd99, RO008a, RO008b, Sta07, SM07, YZ07, YZ08, dSL05].

Partial [ACLZ15, AW15, BC07, BJNN02, BW99, BOPF06, CB98, CCG14a, CCG14b, CR13, EPR10, EF15, FB15, FM13, FWA11, FGH18, GPZ17, HHS16, HH98, HO94, HO96b, HVW95, HV95, HHL07, HG00, HVO4, KL15, Lc09, LM15a, LPR98, LZ13a, LCH99, MR09, MB00, Pul08, AS93, AM95, BDP96, DS93, EG93, Göt94, JF93, Lan93, MH95, OA93, PS93, RG94, Smi93, TW93, Wat94, AA14].
Partially [BK04, SX11, DLG97].

Particle [BP13a, BBM+08, CP13, FDS13, GH15b, Gon15, GCR16, GS00, GS02a, GS02b, KKP14, KCZ15, Kus00, LHL12, MW03, PW12, PCL+16, PMR16, PP13, SRS12, Sch09, 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, tVÇAU10, ÇAK11, CCS97, DSO0, GGM1a, GMT98, GS05, HL95, HK00, KK98, KPC¸A12, RP01, SDNL10, SMR16, Ten98, UA04, UA07, VSS14, WC00, WZSL12, XA99, YB09].

Partitioning-Based [ÇAK11].

Partitions [BBO09, Che05, OWO14, ZSD+10].

Parts [BZ15, DZ15, HZ11, HDZ16, NL16].

Pass [CCF14].

Passage [AM05, Lan94, HT16].

Passing [BS98].

Past [NH12].

Patch [BRK16].

Patchy [CCFP12].

Path [FK00a, HS99a, HW14b, KB08, Kaw15, PR09, RP01, Wa99].

Path-Constrained [KB08, RP01].

Pattern [HKT01, JF11, KV13].

Patterns [Cho00, LCBD07].

PCBDDC [Zam16].

PCG [NSJ03].

PDAE [MB02, NP08].

PDE [AB08a, ALZ14, BPS13b, BG05a, BG05b, CPR11, EN16, GGOY02, GV07b, GHKS14, HL10, KHrBV13, KHrBVW14, MRL+17, NMFP16, PST15, PMSB12, PBC05, PC07, RDW10, RDB16, Smi97, SB15, YHC16, YZ05, Yav93].

PDE-Constrained [GHKS14, KHrBVW14, SB15, PST15, BPS13b, BG05a, BG05b, EN16, GV07b, PBC05, PC07, RDW10, YHC16].

PDES [LM00, AAI98, Bjo95, BV16, BWZ10, DO11, EV13, GU17, GM14a, GLSTV16, GS00, GMPZ06, HG98, HW15, HW14a, HCR13, HO96a, Ho99, JTZ08, JZG06, LNS15, Lui00, MNS07, MvST13, MNZ15, RKvDA14, SRM+15, TV98b, WG12, Cas02, DMM004, FMR06, KT05, KS11, LZ01, Sem10, VV05].

PDF [BK04, CVK13].

Pedestrian [Cha07, GM13].

Peer [KW10a, KW15].

Patch [BRK16].

Patchy [CCFP12].

Path [FK00a, HS99a, HW14b, KB08, Kaw15, PR09, RP01, Wa99].

Path-Constrained [KB08, RP01].

Perfectly [AKLP10, AH90, BHNPR07, CM98c, Dur16].

Performance [BS07, BDJ05, CPV95, Cas02, CMV97, CDPC13, DMPV08, DHHR09, EKM94, EG93, FFMT96, GH15b, GV15, GR5+15, GGN, Gup17, HD12, IHTR12, JMS16, LNA+11, PPB13, PFF94, RZTK+15, Rot96, SlvdGK14, SRS12, SH14, SC98, TGS08].

Performance-Based [JMS16]. Periodic [AP14, Bit99, BBT11, Coa12, CD06, DLY16, ElHR00, GJSZ13, GM00b, HJMS07, HSSZ09, KL12, LR98, MBGV16, PMSB12, SSH06, TP09, WJMT15, XYZG01, BR95, Pet93].

Peristaltic [TR93].

Permutations [May08].

Permuting [AKA13a, APÇ04].
Perturbation
[LY98, TT96a, VXCB16, Yav98, Gar96].
Perturbations [BBC07, SHP07].
Perturbed [ADGP07, DTZ06, EMT09, GaP08, LLS13, MM13, Men01, OW98, ST00, WO98, XYZ12, ZLG98, FCR93]. Petascale [BBH*16].
Petrov [Bøe93, ST08, SS10b, Yan14].
PETSc [KALO07, LMKG16, Zam16].
Petviashvili [KR11].
PFASST [MSB*15].
PFFT [Pip13].
Pharmacokinetics [AHDK14].
Phase [AHR12, BCT05, BH11, BFSN08, CS94, CCER12, CL97, CLNZ16, CDB13, CG96, DZ08, FTY15, FL08, GHHK15, GX16b, HHW00, JW08, KS15b, LDVM12, LR12, LXS*08, MK96, PT99, PP12a, PV15, QS14, SY10a, SY14, SO09, TK13, WC03, WMC11, WMC12, WGF08, YYS16, LV94].
Phase-Field [FTY15, PV15, SY10a, SY14].
Phase-Flow [JWH08].
Phase-Lag-Order [PT99].
Phase-Space [WMC12, WMC11].
Phenomena [CM09, EW00, OPRB06, Str99, WG00].
Phenomenon [Ban08b, Pir16].
Phillips [FM99].
Photochemical [VSBH99].
Photonic [Fli13, HLM16].
Physical [GR04, MS04, OPRB06, SG04, dBMZ11].
Physics [BS04, GGK*04a, HL10, HKD13, NK13].
Physics-Based [NK13].
Picard [LR98, PMSB12].
Picard-Based [PMSB12].
PICIN [KCZ15].
Piecewise [AH06, AC95, BC08, BC09b, DZSN09, HCRT13, He11, LNS96, Mar94, Ser06, SL09b, SW10b, Wil09, vDA12, Atk94, Bia94].
Pine [WP98].
Pinhole [IJ08].
Pinwheel [GVP06].
Pipe [BCT05].
Pipelined [SM16].
Pitaevskii [DK10].
Pivots [May08].
Pixels [HLMR96].
Plain [GLL*14].
Planar [Bar14, EL01, EL03, GGM01, JLY08, LC05a, LC08, MCT*05].
Planck [LM05b, DKO12, KP10, Kus00, LY14, ZLTA15].
Plane [BM11, BR14, HY14, HZ16, HSSZ09, LDM00, MK96].
Plane-Wave [HY14].
Planet [KY14].
Planetary [LP08].
Planning [EK94].
Plasma [HBJ04, HL10, KM98, PH13, SNB08].
Plasmas [WMC11].
Plastic [LXK08].
Plate [LS94].
Platform [DTP*16].
Platforms [GCB15].
PlayStation [NY10].
Plus [TV11, TV11, CN93, NP10].
PML [PDTVM08].
POD [LV13, SPKB13, TT11].
Poincaré [LDS11, Nat95, Nat97].
Point [ACCO00, And99, BSSW13, BHT09, BNP15, BM01b, CWC08, CZ13, CM15, CD01, CSW10, CFM98, DH03, DTV13, DW05a, DGSW10, Dm97, DS16, For06, GV12, GHKS14, HM98, IM98, KV09, KS94, KKB02, Kla98b, Kla98c, KM16, KOV15, Krz01, KNY*16, LG97, LZ13a, LJ03, LSS03, LW04, MR09, Pla98, PBJ*96, RG07, RH09, ROO08b, ROO08b, ST14b, SY08, SW15, VC00, Van00, Ver96, WLE*00, WW03, ZMK17, ZY05, ZH09, ZW16, dMHJ100, Hig93].
Points [AS16, BL14, BR14, Der08, EU09, GKK12, Gro02, KL15, KMB05, LCH09, LZ01, LZ02, MRSS14, PHJ11, SX16b, Swa02, TT06, XZ14, YZ05, ZZ16].
Pointwise [Cai95].
Poisson [AL99a, AIV98, ABI00, AO93, BCR11, BG10, BK10, Bur97, CCM05, CKS01, EG01, FDS13, GMSB16, GHST98, KO13, WMC12].
Poisson-type [AO93].
PoKITT [YS16].
Polar [For95, LWC13, TWW16, ASS16, She97].
Pole [DLY14].
Poles [BM01b, RM08a].
Policy [AK15].
Pollution [PC07].
Polyalgorithmic [EGKS94].
Polycrystals [BEG*08].
Polygonal [FDFW07, Tal15, TC12, ZF14].
Polygons [BT03b, BB10, BF06, Wan13].
Polyharmonic [AG91].
Polylog [HWW95].
Polymeric [KP10].
Polynomial
[AC95, AVW13, Bar00, BDW11, CR16, CAS11, CjGX15, DGS08, DNP+04, DEV16, Gre03, HL10, JP16, Jou04, KOSB16, LL03b, LHN6, LXR+16, LMW15b, LK04, MvST13, NX13, PSDF12, PH16, Por01, SD10, SV11, SM15, WK06, XK02, ZCK12, FF94]. Polynomial-Degree-Robust [DEV16]. Polynomials [BMF12, BDMFSL04, Car10, DP09, DAE02, Goe94, HKYY16, KT15, Kei09, KP07, LX08, Lin06, PDA09, UW94, Win06, She94, She95]. Polytope [CL08]. Population [Kim05, KW10b, PSB+06]. Poroelastic [LOL13, LO14, Lem16]. Poroelastic-Fluid [LO14, Lem16]. Poroelasticity [BBKT15]. Porosity [HQH+16]. Porous [AE08, AB17, AHR12, BC09b, CFGM11, CDB13, CCH15, FHR14, GYZ11, GJP+14, JMN01, LVWW03, LE10, LY98, MJR05, Sio02, TTSM08, WLE+00, WZET13, YYS16]. Port [CBG16, RW97]. Port-Hamiltonian [CBG16]. Portioned [PYSG13]. Posed [Bur13, Bur14, KO99, Lan10, NM13, Reg96, RS02, TO15, VW94, FCR93, HR96, HO93]. Position [vSRV11]. Position-Dependent [vSRV11]. Positioning [CP03b]. Positive [BGLY05, BM08, FEM08, HM10b, JFG10, LL98a, Lu95, MV00, MB99, Ng00, Pla15, PS01, ST14a, VSS14, Zha96, FS96, FF94]. Positive-Definite [BGLY05]. Positivity [CLTX15, GW15, LLLX16, PH13, Sur00, UW94, YCS16]. Positivity-Preserving [CLTX15, GW15, LLLX16, Sur00, UW94, YCS16]. Possibly [Hei13]. Post [RSA05]. Postbuckling [DP03]. Posterior [BSHL14]. Posteriori [ABF99, Ain07, ATK12, BPS14b, BDW11, CP04, CP03a, CK03, CP07, CCH15, CWG10, CHH01, CSW14, Ded10, JSV10, KS99, PS10b, WWY11, WW10, WSH14, ZHS10, BBT11, EMT09, Ho04, Sch03, DEV16, EV13, TW13b]. Postprocessed [Vil15]. Postprocessing [ABCP08, CRKS07, DK98]. Potential [BS06b, CGK+98, HM98, HR98b, LZ17, MRT00, NKLW94, RLM+00, WM93]. Potentials [MM98]. Potentials [Bar14, BWV15, CjO5b, DLY16, Far01, GJ07, HIMS07, LG09, OSX10, Sha12, XYG001]. Powder [GLL01]. Power [DSC05, CW93]. Practical [GP16, Ruh98, SH01, Sun93]. Practice [CDW14a, CDW14b]. Prandtl [Pup99]. Precautious [RY03]. Precision [Nie06, PQOB14, YTD15]. Precondition [DGK+16]. Preconditioned [ABF96, ALJ99, ADGP07, BCRG98, BHN07, BFF16, Bia94, BDE08, BMMT14, BD05, CK02, CCSY98, CS14, DEC05, GH02, GY99, GY02, GD07, GP96, HCHS13, HCY16, JvGVS13, KR99, Kny01, KAL07, KL12, KSV16, Le09, LXX15, LK15, LMW15b, MS07c, NKLW94, NAC+15, Ng00, Pav98, PT01, RG13, Sem10, STA07, SM07, DH16, SLC01, SXV15, UA07, VK15, VYX16, WOW00, WWJ12, WS15, Yan94, vGEV07, Jin95, Saa93, ST94]. Preconditioner [BJNN02, BDdSM11, BBM11, BGM13, BMT96, BT98, BT03c, Ber00a, BS09, BL02, CS99, CDGS05, CBG12, CC02, CWX15, CST+13, DMML05, DFG15, Doh03, EO05, GM15a, GrM10, HC05, JFG10, JKKM01, KR14, KLIW02, KL05, KLO6, Kla98c, LS05a, LY13, LY16, MT96, MW13, NV05, NSK10, OW98, PEC+14, PELY13, PV15, QSV06, RT01, RG07, Ren09, Saa96, SZZ99, ST08, SRM+15, SV00, TD03F0, Ull10, VV13, Vir07, WGB79, XQ94, ZNZ16, Ain96]. Preconditioners [BN05, BC10, BPS+14a, BT00a, BW11, BS05f, Bre00, BT01, CDBH16, CDG03, CGL01, Cas97, CS98, Cho00, DW05a, EHS+05, EHS+07, EN16, EV94, FX01, GL08, GS98b, GKS98, Gup17, HNO6, HO94, HKD13, HKG97, HZ16, KDO99, Kla98b, KOV15, Krz01, KNY+16, Lee09, LS13b, LNC05, LSS03, LW04, MG11, MKSG10, MNS07, MSS10, Mu95, NK13, NP10, OVO7, Ong97, PS08, PWZ10, PS11a, PSC+16, PS01, PC07, RKW14, RKW15,
Preconditioning
[ABH03, AL99a, And16, AD15, AA02, BSvD99, BHT00, BCT00, Bla03, BS15b, Bre96, BW01, BCM03, BH14b, CGQ10, CG99, CGG07, Che98, Che13, CLS16, CM99, CST16, Di 97, DGK 16, DGSW10, EHL06, Elm99, EF15, FF07, FFSS13, GNL14, GLOR16, GH97, GG10, HS06a, HSCTP04, Ips01, INS05, JF11, JFG13, JFG15, JZ13, Jon94, Kan03b, KVM01, KLT16, KT08, Kra12, KLL 16, Lan10, LMW17, MG07, MG09, Mal07, MV94, MS93b, MAA98, MR94, MGW00, NV98, Not00b, Ols07, OKLS15, PKNS14, PS11b, PP08b, PMH16, PST15, PMSB12, PS12, PV94, PV95, Q508a, RT10, RW11, RSW10, Saa03, SWW08, ST16b, SBX+08, SW03, SCGT07, Sta94, SV01, TT07, VK13, VSS14, WZ03, WWM03, WH95, YHC16, ZB12, dDBV14, vdEH05, Di 95, ES96, FF94].

Predict [dBMZ11].
Predict [HKC+04, NMFP16, 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, BSSM16, BM08, BLR14, CTB15, CGK13, CYSY98, CBG16, Chr09, CLTX15, CS10c, CDN16, DO11, FM11, FCM12, GW15, HLM03, JX13, Jin99, JS10, JW13, Ket08, KC16, KEF11, LTC13, LM08, LR99, LI01, LW16, LLLL16, LX16a, LXL11, MW01, MS07e, MR01, NBA+14, Sur00, SF99, QX15, YJ13, YCS16, LS12a, Tor05].

Pressure [BCM15a, EZ11, GP99, KL10, LY98, OV07, SCS04].

Pressureless [BCM15a].

Pricing [FO08, HW14b, HFL11, IT09a, IT14, IT09b, LZ16, LFBO08, OGO13, OGO16, RW07, RO12, ZK14c].

Priest [Nie06].
Primal [ACCO00, CGM99, DFG15, HS06d, HS08, IMS96, KL10, KR06, KM16, LD03, Pla98, Zam16, dVPS+17, Kor93].
Primal-Dual [ACCO00, CGM99, DFG15, HS06d, HS08, IMS96, KM16, LD03].
Primary [BLGL11].

Prime [JF16].
Primitive [ADM10, HZXC16, NH14].
Principal [GH14, HMST11, Nit99, ZZ04].
Principle [BI09, FH06, Gar00, JX13, LSU11, Li01, LLLL16, LX14, QX15, ZLS12].
Principles [AW11, OKF14].
Prior [CJ90, Cho00, DPF15, DG16, MRL+17].

Probabilistic [GH15a, GR04, LD04].
Probabilities [IM98, Wal14].
Probability [BP06, BTGH12, GDLS14, Gub96, LX12, LX14, PSSW15, SOG14, WK06, W12b].

Probing [EP06, LS09].
Probe [BZ93].

Problem [ADR14, Ami94, ACW12, AHDK14, AHR12, Bar12b, BBGS04, BC06, BK08, BACF08, B006, Ber98a, BH11, BK00a, BBD16, BL99, BL03b, BIYS00, BBR08, BCM15b, CR16, CGAD95, CK03, CGP12, CC08, CDY07b, CHM02, DS17, DEP11, DSZ13, EVLW17, FGS14, GH13, GKV00, GS12, GP99, GB06b, GK11b, GO09, HRT10, HLD12, HT13b, Hvdo96, Hvdo13, MM10, KKO2b, KL06, KL10, KL13a, kup98, KL00b, LM05a, LL98a, Le 09, LR12, LLLL15, LS05b, LPP09, MR04, MTT15, MRT00, MRW15, MV06, NH12, NWW97, OR02, OV07, PRS12, PVV11, PMH16, PBJ96, QOQOP99, Rad16, RH09, RSA05, SS98, SHP07, ST00, SSF16, TY08, TET10, TVV11, TD99, VP10, VV13, WWJ12, XYGO01, XYZ12, XK08, YV98, YSZ14, ZYSL15, DLV10, vBD05, vWB09, CSSS9a].

Problem [CW93, DS93, MPPR93, MCJN94, SRCG93, Tre97, YL93, Zha94].
Problems [ADR14, ABL05, AN17, AL02, AC05, AB08a, ABF99, AEFM17, AA00, AFF+15, APSG14].
APSG16, ATV07, AGH13, AF15, AHDK14, AH04, AH06, AHH12, AD15, AP99, BS07, BKGV16, BH14a, BCS07, BDS98, Ban08a, BL03a, BSHL14, BCB01, Bar14, BBS13, BOE16, BGK15, BGM13, BCC15, BB15a, BSvD99, BT03c, BP13a, BHNPR07, BLS14, BK06, BM01b, BYL13, BF95, BFK03, BF06, BDF08, BB05, BF14, BH08, BvW09, BLR14, BBM15, BS99b, BT13, Bou01, BTvG+10, BCL99, BM95b, BDK12, BL08b, BMM10, BMMT14, BWZ10, BH07, BP06, BHR96, BKS99, BTGH12, BTGMS13, Bur13, Bur14, BG13, BGO4, Cab94, CW07, CL11, CSS09, CGKM16, CPV95, CEJ10, CPB13, CR14, Cas05, CCR12, CT03, CGG14, CKB98, CN10, CCO11, CEO11, CHH10. **Problems**

[CDG+09, CM99, CGM00b, CDGT01, CDN16, CDFQ11, DMS01, DN13, DFG15, DD00, Ded10, Der08, DH95, DLZ10, DQ13, DEV16, DKO12, DKZ09, DLZ10, DJLZ96, DK03, EKM94, EOF05, EN08, EGKS94, EPSU09, EK14, EK10, EHW00, EMT09, EPV94, FGMP13, FGMP14a, FGMP14b, Fail03, rFS12, FH06, FTY15, FL97, FM98, FDS13, FWA+11, FS02, FK00b, FS11, For06, GJSZ13, GG13, GN16, GX16a, Gar05, GI17, GHO2, GK03, GH10, GV12, GGG+04a, GY02, GH01, GH19, GT94, GH19, GHR12, GH13, GM00a, GLOR16, GV09, Gu15, GVMM14, HA01, HR96, HS12, HSW08, HGN+13, HS06b, HH06, HM14, HTW+12, HL10, HL16, Hof05, HR99b, HS01a, HKD95, HY10, HR99c, HHL15, HLM16, HSW07, HMC04, HV07, HLM03, IM97, JKM14, JR98, KKV13, KLV+16, KB08, KR14].

**Problems**

[KCL16, KLS+15, KS94, KPT16, KMA+12, KZ00, KMW99, K099, KGR16, Kla98b, Kla98c, Kna98, KLT16, KV12b, KL12, KC16, KG14, Kra08, KT08, KLL+16, Kra99, KSU14, Krz01, Kus97, KGT07, LP11, LP13, LV07, Lan10, Lan94, LQR12, Lay96, LP96, LMR98, LS13a, LV10, LG97, Lee13b, LL16, LN05, LI01, LWL03, LZ08, LM14a, LQX14, LVX+16, LZ17, LWG10, LJ03, LSV13, LW03, LSS03, LZ15, LT14, LW04, LWK+16, LK98, MS07b, MM13, MAB07, MS07d, MG11, Mar01, MV94, MWBG12, MSS10, MS06a, MG12, MMS07, MNN00, MMV98, Mut99, MHS98, NHSS13, NN03, NRMQ13, NW10, NvdP00, Nor07, Ob313, OB08, Ols07, OW98, PL03, PE00, PKR+13, PKD13, Pat97, PW12, Pav98, PS13, PP08a, PP05, PSA99, PMSG14, Pet05, Pic03, Pol16, PS10b, PST15]. **Problems**

[PSMB12, PRSS11, PV94, PV95, PBC05, QX08, QZZ14, RP01, Reg96, RW07, RW13, RS03, RL13, RS02, RKvdDA14, RSSQ08, SP03, SG11, Sch02, SBS98, SIS95, SY10b, SW16, Sl02, SK05, SSC15, Sta07, Sta00, TT96a, TO15, TUV10, Tsy99, UE12, VM13, VC00, VS09, VW94, VPP05, Wal99, WL04, WR13, WX99, Wan04, WS05, Wan12, WH15, War13, WO98, Wat04, WCH14, WW10, WW03, WB08b, WK03, XEG06, XB16, YG15, YZ11, YBH15, YS16, YIC16, Yav98, Yu01, YYY11, Zbi11, ZGA10, ZS99, ZLG98, vD03, vD13DA12, vD03B10a, vD03B10b, BR95, Cai93, Cai94, CV93, Dax93, DLG97, DG95, FCR93, Gar96, HO93, Li94, MMB+95, MMB96, MS03b, PCD96, Rán93, SBC93, Smi93, Wt93]. **Procedure**

[BGR10, CD15a, Den97b, rFS12, KLY07, MT99, YYY11, ZW16, Gar96]. **Procedures**

[AAD11, Dur16, HS99a, SP16]. **Process**

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

[AM05, BRBT12, DNP+04, DN97, EFHL09, LFBO08, PS13, ZK14c, ZK15, Ziu13]. **Processing**

[BBFJ16, BCR99, BCM05, GMS02, HK00, Hen05a, KMSM14, LRT11, Nov15, RSA05, SP03, WHCX13, WBFA09]. **Processor**

[CFM98, OA93]. **Processors**

[KHW+14, Heg95]. **Procrustes**

[BL99, BL03b]. **Product**

[Beu05, CWO98, CS96, DO15, DCP11,
FT03, KSV16, MBM$^+$16, ORO05, RG98, Ull10, Zha97, ZCK12, AA14.

Product-Type [Zha97]. Production [Pup03]. Products [BL03b, BBR08, Che16, FMYT16, KKS08, Won16, LMSSS97].

Profile [DHHR09, Hag02]. Programming [AFK15, BV03, CCFP12, DARG13, GY05, GB98, GH01, KKK01, KB08, KK13, KOSB16, NKT08, Pia98, ST03, CV93, Kor93, Sar97]. Programs [CFM98, FHFR13, FL08]. Projected [EHN12, GRMS09, KSD10, MT09, SBND11].


propelled [GHK14]. Proper [AK04, CBS00, GLMN15, IW14, Rav02, TL14, ALT93]. Properties [AMN15, DMM005, GG94, GG95, LL00, LB06, MS04, MR02, TG04, W899, dBMZ11]. Property [VS03, ZN05]. Protein [XS13]. Provably [Ten98]. Providing [Yam02].


QLP [CPS11, Ste99]. QMC [DKGS15]. QMR [BS96b, FN94, KMR01, RG98]. QMR-Based [KMR10]. QR [DHHR09, FSvdV98b, GKK10, GE96, HWD02, Oli01, QOSB98]. Quadratic [BCS07, Ber00b, Cao07, CDY07b, Ded10, Don06, FL08, GH01, HN06, HD15, HvdV03, HLM03, L05b, LWK$^+$16, Mee01, NN05, PWG12, PMSB12, CV93].

Quadrature [AB02, Alp99, Ban10, BHK14, BSS17, Bsg14, DGB15a, EJ08, FMRR13, GY13, GPS12, GPTV15, HT13a, HS05b, HLLL00, HW09, MC05, Say15, SLFL06, Str95, Swa02, BGP94]. Quadrature-Based [DGB15a]. Quadratures [BWV15, BGR10, Car07, GNZC17, W09, Won16, YR98]. Quadrilateral [HH16, LE10, SY08, Wan01, WSK99, YYY11, ZSM10]. Quadrilaterals [D’A00, HRV11]. Qualities [Hua05]. Quality [Ber98b, CPT05, CC06, CC11, EÜ09, HR98a, Joe95, KK98, Kn01, LC05a, LC08, LJ95, Waf13]. Qualocation [CP03a].

Rational [AN17, AT15, BM01b, BHK14, CMM95, DP07, DGB15b, DKZ09, DLZ10, FS08, GVMM14, Ru98, TT06, VMM13, XS16, ZFwCW15]. Ratios [DV98, GST12]. Raviart [Ain07]. Ray [GVMM14, Ruh98, TT06, VMM13, XS16, ZFwCW15]. Rayleigh [HvdV03, Ste02]. Rays [SCM10]. RBF [AF15, KCL16, KW11]. RD [BFJ15]. REA [Vog16]. Reaction [AN17, BOR97, BHK12, CLST03, CDG09, CE16, EO16a, ES16, FDE06, GHH07, GK13, HG98, HKF13, HS16, KBK08, KWW13, MTV16, MPS09, PDI09, PS08, PS13, RC06, SDNL10, SBP04, SM94, TTTM08, TK13, TM14, VS04, WL01, Zbi11, ZRTK12]. Reaction-Diffusion [AN17, BOR97, BHK12, CLST03, EO16a, ES16, FDE06, KBK08, KWW13, MTV16, MPS09, PDI09, PS08, PS13, RC06, SM94, TTTM08, TK13]. Reaction-Induced [KWW13]. Reaction-splitting [KWW13]. Reactive [APvDG12, Dor98, KWW13, MMS05]. Reactor [BK04, Zas95]. Real [AT15, DH01, GG09, Gug16, HLTT97, In99, LZ99a, LM14c, Rav05, ROS15, SYZO15, SWU16, WL06, Zhe07, BZ96, LL94, Pe09, Tr97]. Real-Time [LM14c, Rav05, SYZO15]. Real-Valued [SWU16]. Reality [HvdG96]. Realization [BTY08, LT09]. Realizations [PSDF12, SD10]. Rearrangement [Walc13]. Recipe [VCAU10]. Recirculating [OW00, BY93]. Reconciling [BM95]. Reconstruction [AG10, ADH99, AS06, AB+04, BV03, Bar12a, BNSF13, CCSR03, Che05, CJN13, CGMV05, DGP10, DB07, DF03, GN14, GJ05, GB12, GHS09, HHMS15, HLMR96, Jac03, KTB14, KHKL16, LFB13, LFS14, Mar94, NWY10, SH14, TBKF14, WY07, WM14, DGM07, DG95]. Reconstructions [AS05, MS03]. Recovering [AIL05]. Recovery [AHH06, BS08, DCSO10, GP16, LCBD07, MZWG16, NZZ06, NWY11, NN05, NNT13, PABG11, SSF16, ZN05]. Recovery-Based [SSF16]. Rectangular [AV98, AP+04, BACF08, BF06, CKV99, DO15, HK00, Sar98, UA04, VN03]. Rectilinear [Zen16]. Recurrences [BF01, FN94, RG98]. Recurrent [Wan97]. Recursions [GD03, LC96]. Recursive [AKA13a, HG12, IBW15, JP16, LY16, NSJ03, Rub12, ST97, TP09, ZTRK14, NP96]. Recursive-Based [NSJ03]. Recursively [DMSW10]. Recycling [AdSGC12, AbdSF15, KdS05, PdSM+06, Sool16]. Red [Yav96]. Red-Black [Yav96]. Redefined [Lan12]. Redistancing [EE14, NKM10, SF99]. Redistancing/Level [NKM10]. Redistributed [AD06]. Redistribution [KY05, MRSS14]. Reduced [AB17, AF11, AK04, BKG16, BK16, BGL06b, CDBH16, CHMR10, CST+13, DEd10, DHO12, EPR10, EF15, GV12, GV98, GM11, HSZ12, KP10, LQR12, LM14b, LM14c, MR04, MS13, MMT15, NRMQ13, OS14, OS15, PS10b, PSS17, Rav02, RMC12, San10, SDNL10, SPKB13, SHP07, VP14, WM05, WSH14, XBC96, YYS16, Yan14, Zim14]. Reduced-Order [AF11, BGL06b, GM11, LM14b, LM14c, Rav02, SPKB13, SHP07, WM05, Zim14]. Reduced-Space [YYS16]. Reducing [AGL10, BSH16, BFG+16, CWC08, CJK11, XL93, Lan93, SS93b]. Reduction [AdSGC12, AbdSF15, ABST13, AP97, AN16, AGH16, ABZT14, BS05a, BPR04, BB08a, BBBBB11, BB15b, Ber98a, BK17, BK11, BTWG08, CBT15, CJ10, CS10a, CBG16, CGHT14, DLZ10, DSS13, EO15, EO16a, FSvdV98b, GOS12, GH14, GSW13, HK099, HSS08, HS01b, IT14, IA14, KA95, KT15, LSL13a, LG10, MRS16, OS14, PW15, PM16, Re099, SvG10a, Sma04, TNL14, ZF14, ZFLB15, ZCC+16, ZS04, dsGK+15, ZMV97, MS93a]. Reductions [ML11]. Reference [LLZ09]. Refined
Refinement \[ \text{GHH07, HG00, JN10, Lee14, RKLN07, Sha99, Wan01, Ain96}. \]

\[ \text{Refinement} \ [ \text{ABKS16, AMM+11, ABH03, BBSW94, BM11, BWG11, CC06, CC09, CC12b, Dax03, DDGS16, EPV94, FR10, FCC10, FHL13, GT98, GR05b, HMM08, HO15, JTZ08, JP97, LC05a, LJ95, Mau95, Ong94, PP05, SL09a, SS08, TB99a, Tra95, WC00, WCHZ14, WI12a, ZJC12, ZAD+16, Zie12, TV93}. \]

Reflection \[ \text{JLY08, Mau95, PDC99}. \]

Reflector \[ \text{PTvR+14}. \]

Reformulation \[ \text{BHST08, Du16, You94}. \]

Refractive \[ \text{TBKF14}. \]

Regime \[ \text{FCZE14, HH11, HFL11, JW13}. \]

Regimes \[ \text{BJM03, Lee10a}. \]

Region-Dependent \[ \text{SKJ+13}. \]

Regions \[ \text{AL99a, And08, AIV98, DP98, GM98, LCN14, NAS13, WRS08, ZSB16}. \]

Registration \[ \text{BMR13, HM05, HHM07, HMM08, HW03, HDB08}. \]

Regression \[ \text{BMR13, HM05, HHM07, HHM08, HW03, HDB08}. \]

Regular \[ \text{JLY08, NL99, Gu93}. \]

Regularity \[ \text{BH07}. \]

Regularization \[ \text{AL97, AL99b, BC02, BM13, CDBH16, CR04, CT03, CLNZ16, CEO11, CK015, CP15b, CJK10, FGH097, FM99, HR96, Han95, HW01, HA08, Hwa07, JTI11, IL16, JG02, KHE07, LF13, LL08, Man99, NNT13, OT101, PRM97, Reg96, RS02, SWU16, SJ14, TY08, DG95, FCR93, HO93}. \]

Regularization-Sensitive \[ \text{Hwa07}. \]

Regularized \[ \text{APS14, BCC+15, BM13, CL10, CJ16, CGM00b, Cor91, KO99, KL00b, Lan10, NP14, Str00a, WMUZ13, XKWY08, ZCC+16, DSK11}. \]

Regularizing \[ \text{DSC05}. \]

Reinitialization \[ \text{GB98}. \]

Reissner \[ \text{CG07}. \]

Rejection \[ \text{HGPM14}. \]

Related \[ \text{BGNO08, BrvC9G+08, DG98, FK00b, FT03, HHSW11, KK09, Son12}. \]

Relation \[ \text{Gas13, Le 05}. \]

Relations \[ \text{GPS12}. \]

Relative \[ \text{DP09}. \]

Relatively \[ \text{BDvdG05}. \]

Relativistic \[ \text{DW97b, NH14, WT16, McG95}. \]

Relaxation \[ \text{AK09, ADM10, BCT05, BM08, BR09, BLR14, BF10, CPH14, CNP12, CCM08, CCER12, EHNI12, FMB13, GS98a, GR05a, HPS06, HV96, In99, IMS96, JV96, JP95, LW97, Mar09, Mu99, RWA95, SB98, SV00, TZ95, Ver96, WH13, ZKV99, Dax93, Lei93, PM93}. \]

Relaxed \[ \text{CEHN08, GGL07, MMN00, PR01, TPW09}. \]

Relaxing \[ \text{CCQ14}. \]

Relevance \[ \text{BZ12}. \]

Reliability \[ \text{MS06b}. \]

Reliable \[ \text{CF00, CVW06, GS02a, SE11}. \]

Remap \[ \text{BCV13}. \]

Remapping \[ \text{BCV13}. \]

Remapping-Based \[ \text{ML08}. \]

Remeshed \[ \text{CC08, MO00, AGC96}. \]

Removing \[ \text{PC07}. \]

Reordering \[ \text{LM05a, OKLS15}. \]

Reorderings \[ \text{Saa05}. \]

Reorthogonalization \[ \text{GL03}. \]

Repeated \[ \text{HTH+16}. \]

Repetition \[ \text{WM09}. \]

Replacement \[ \text{vdVY00}. \]

Representation \[ \text{CCA03, DGS08, DCSO10, Ett16, Li99, SDNL10, TW03}. \]

Representations \[ \text{AAB+15b, BDVdG05, BD05, DNP+04, IK10, MC09, PSD12, PSC+16, PH16, SG04, SW10b}. \]

Reproducible \[ \text{DTT+16}. \]

Reproducing \[ \text{TY08, KKWY08, DR93a}. \]

Requirements \[ \text{BBSV10}. \]

Rescaled \[ \text{DFQ14}. \]

Rescaling \[ \text{BM00}. \]

Reservoir \[ \text{GL10, JF11}. \]

Residual \[ \text{AB02, ADR14, BC09a, BGH13, CW12, HY10, KMW15, KA95, LRS02, Lin96, LN04, LD03, NM13, PS02, PM16, Rad16, SV01, Ton94, VK15, VYX16, ZW94, vdVY00, Bia94, CGS+94, Ena97, Fre93}. \]

Residual-Based \[ \text{KMW15}. \]

Residual-Free \[ \text{HY10}. \]

Residuals \[ \text{LRS02, vdVY00}. \]

Resilience \[ \text{HGRW16}. \]

Resilient \[ \text{AGSZ16, SRM+15}. \]
Resistivity
[DSZ13, PDTVM08, vdDA12]. Resolution
[AMVR17, ANP00, BAFF03, CCSS03, DHE13, DMD+12, FHL13, FM07, Gob08, HBL05, Kup98, LdMV12, LNP+07, LS95, LFB13, LOL13, LT00, MR02, PL06, Ros06b, TW05, BSM16]. Resolution-Optimal
[AMVR17].

Resolution
[AMVR17, ANP00, BAFF00, CCSS03, DHE13, DMD+12, FHL13, FM07, Gob08, HBL05, Kup98, LdMV12, LNP+07, LS95, LFB13, LOL13, LT00, MR02, PL06, Ros06b, TW05, BSM16]. Resolution-Optimal
[AMVR17].

Resolution-Optimal
[AMVR17].

Resolving
[TT96a, TGS08].

RESPA
[MIS03].

RESPA/Impulse
[MIS03].

Response
[BTGH12, CVK13, RS13, SSDN12].

Response-Excitation
[CVK13].

Responses
[Cab94, Lin06].

Resputtering
[GST+99].

Restarted
[ARMNW10, BCR03, BR05a, CGL+12, DCP11, EPE05, FG98, JN10, LS98, VL10].

Restart
[ARMNW10, BCR03, BR05a, CGL+12, DCP11, EPE05, FG98, JN10, LS98, VL10].

Restarting
[ARMNW10, BCC198, CHL+13, CB98, HR05, KMR01, LN04, MN11, SG95, Soo16, SO10, CW97].

Right-Hand
[ARMNW10, BCC198, CHL+13, CB98, HR05, KMR01, LN04, MN11, SG95, Soo16, SO10, CW97].

Rigid
[BBSW13, BF01, CFSZ08, JvGVS13, PM15, SU15, TUV10].

Rigid-Body
[BBSW13].

Risk
[GJM94].

Robust
[AAB+16, AKM+14a, BCT00, BT03c, BDvdG05, BR05b, BLGL11, BCM15a, Bol03, BB09, BGMR01, CA16, DEV16, EN16, GL03, GGLT00, GG05, GKT09, GLOR16, HHL15, Jou94, KR14, KL12, LMW17, wLxY00, LX16b, MM13, MZWG16, Oet99, OR02, OGO13, PBP14, ST16b, Slo02, WL97, WCS00, WYS07, WYV09, Wot04, WGF08, Zam16, ZS04].

Robustness
[CFH+00, Gup17, HJ98, LMR98, Man95, WI12a].

Rock
[GYZ11, AC08].

Role
[Dur16].

Roosbroeck
[Gær09].

Root
[CGS02, GGM01].

Rotated
[BL07a, DK10, GD03, KV12a, Lan98, Mit08, OR02].

Rotational
[BL07a, DK10, GD03, KV12a, Lan98, Mit08, OR02].

Rotation
[BL07a, DK10, GD03, KV12a, Lan98, Mit08, OR02].

Rotation-Based
[BL07a, DK10, GD03, KV12a, Lan98, Mit08, OR02].

Rotational
[BL07a, DK10, GD03, KV12a, Lan98, Mit08, OR02].

Rotational
[BL07a, DK10, GD03, KV12a, Lan98, Mit08, OR02].

Rotationally
[SK05].

Rough
70

[EL03, HHS+16]. **Rounding**
[RW97, ROO08a, ROO08b, ZH09]. **Row**
[GG05, GHS+15, Oli01, Dux93].

**Row-Merge** [Oli01]. **Rule** [LNP15, SO15].
**Rules** [Alp99, CKN06, GM98, GPTV15, LL03b, MC05, Str95, WS06, Wan07b]. **Run** [HR98a]. **Runge**
[AGC96, AGH00, BR09, BPR13, BBM+15, BRW10, CSS93b, CHAMR06, CGAD95, Cas05, EM96, GMM15, HMR09, Jay98, Ket08, MNS07, McLo7, MRS14, OS98, PT99, PPR05, PKD13, Pat97, Pir16, QS05a, QS05b, 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, KNV+16, LSS03, LW04, PHJ11, RH09, ST14b, WW03].

**Saddle-Point** [DW05a, DGSW10, KOV15, LW04, RH09, ST14b]. **SAI** [MG09]. **SALSA** [FLM+05]. **Sample** [Kaw15, KL94].

**Samplers** [FP14]. **Sampling**
[AK15, AHDK14, ABCP08, BSHL14, BBC+16, Bou01, BV16, BCV13, CS14, CILZ15, CGM00b, CHM02, DGS08, EBS+11, GLR+16, LLZ08, LLZ09, Mar16, MTM08, Mit08, OKD16, PF12, Pl11, Sch10, Wal14, WI12b, ZWH+14]. **Sandpiles** [FV06]. **SART** [IJ08]. **SAT** [Gas13].

**Satisfying**
[ADM+15, Bre17, LLLX16, LY14, ZLS12].

**Saturated** [FK97, SCM10, Sta00].
**Saturated-Unsaturated** [FK97]. **Savart**
[PRM09, Ros06a]. **Saxton** [XS08]. **SBP** [Gas13]. **Scalability**
[CFH+00, GR5+15, HJ98]. **Scalable**
[APSG16, BMP14, BWG11, DTT+16, Gon15, KMA+12, KLR15, KPPS14, KC16, MZW09, MZGW16, MPS09, OKF14, PL12, Sch10, WLX+13, XOMN10, YC14]. **Scalar**
[ADR14, GGS08, Mar94, NMAB11, TLE12].

**Scale**
[BCR03, BS05a, Ban08a, BSSW13, BHT09, BPSV15, BTY08, BB05, BCL99, BTGW08, BTGH12, CEJ+10, CV15, CCQ16, CN10, CP15b, CSW10, DJT08, DKZ09, EHL06, FWA+11, FB95, FGH+08, GLSTV16, GM00a, HPS08, KV13, LT09, LWG10, MWBG12, OPRB06, OKF14, PKR+13, RS02, RM08a, SBR06, SWW08, SWB16, SSW12, SSJB17, Sim07, SVX15, VMG09, WM05, WT01, YPN+01, YGB+05, YMM14, ZYSL15, ZCC+16, BHP94, CV12, ST94, TW93].

**Scale-Bridging** [PKR+13]. **Scale-Free**
[KV13]. **Scaled** [BCP15, GMO14]. **Scales**
[BMP16, RDP08]. **Scaling**
[ACdS+11, AMH12, BPS+14a, BCK16, KL15, SDR15, SJ14, Kor93].

**Scaling-Squaring** [SIDR15]. **Scanned**
[KTB14]. **Scanning** [BC06]. **Scattered**
[EO16b, KP07, LHHF13, LR09]. **Scattering**
[Ail05, BL03a, BS05b, BB10, BC06, BHP07, BCH12, BS06a, CGM00b, CHM02, GH15b, HLW13, JS01, KK98, KQW04, Kup98, Kup01, KL00a, RA00, RZ03, ZB12, MMM+95, WM93].

**Scheduling** [MDM15]. **Scheme**
[ANP00, Aru12, AR99, ABB+04, BM11, BCT05, BM08, BCF12, BF06, BFS16, BHK12, CCFP12, CFP05, CK15, CH94, CJO15, KAW91J2, CCG96, CPR11, DW97a, DW98, DY06, Dax03, DKPK14, DGLW16, DB07, FKQ17, FF05, FCM12, GW15, GLSTV16, GM00a, GB06b, GSG05, GX16b, HCRT13, HJ04, HRS12, HLW13, JS01, KK98, KQW04, Kup98, Kup01, Kl00a, LNP+07, LM08, LPR02, LSV13, LXL11, MAB007, MS06b, MW15, MEF09, Nat98, Pet01, PJ96, QSO8b, RY03, Ros96, SZ06, SY08, Sl002, VS04, WL97, WDE+99, Wan04, WM11, WT16, Xu99, YY13, Yu01, dLRT09, McG95, ZSpH14, NBA+14]. **Schemes**
[AB02, Abg09, ADR14, AKPRB08, AD06, BGL08, BLH02, BT06, BBC+01, BAF00,
BM08, BCF13, BPR99, BP12, BS04, BM10a, BM10b, BH08, BR09, BPR13, BHT11, BC99, BL03c, BL05, BCV13, CFGM11, CZK15b, CZK16, CPPR12, CHKM13, CCM08, CGK13, CLAT10, Chr09, CLTX15, CHL16a, CHL16b, DMBB10, DEP11, EF05, FGS14, FM11, FSvdV98a, FMB13, FEM08, GB12, GCB15, GKR16, HKYY16, HOY03, HS05b, HSWW08, HPS06, Hes98, ILK05, JL11, Jia14, JT98, JP00, JSZ13, JX13, Jin99, JW13, JLZ16b, KS14, KW10b, KNP01, KPP07, LP11, LP12, LPR00, LNSZ06, LI01, LN03, LT00, LW03, LSZ11, LPS13, LY14, LP03, Lu95, MV09, MNS07, MB13, MMS05, MR01, NN03, Nor07, OL98, PPR05, PKD13, Pet05.

Schemes [PP12b, Pup03, QS03, RU01, Roe98, SL11, ST14a, SY90, SY09, Ste00, Sun00, TB99a, TW05, Tor05, TTK16, VN03, WS03, WL01, WBF09, Win10, YHS07, Zen16, ZS03, ZLS12, ZW03, ZY14, ZYLW16, ZLJ96, BHS97, Hes97, LK93, SS93b].

Schmidt [CCJ07, GL03, Ste08]. Scholes [iW11].

Schödinger [ADKM03, ABK11, BJKM03, BCM11, Bru15, CCG14a, CCJ07, CRV14, DLY16, FJ99, GRPG01, KL13b, LZ17, Liv08, ZSpH14].

Schur [BS05e, BG05a, BG05b, Bla03, CGL01, DS05a, FCR93, HSF07, Kra12, KLL+16, LS05a, MG11, Ma07, MRT00, MMA98, OV07, PE00, PSL14, SS99, PB95].

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

Schwarz [And08, ADM10, BT03b, Ban08b, BG08, BC10, Bre00, Cai94, CGK+98, CS99, CL11, CPW15, CC12a, DK11, DGG09, DGK+16, EDGL12, GMN02, GR05a, GK12, GX16a, GZ16, Gar96, GKV00, Gar05, HH99, GC97, HRL07, HKR16, KC16, L94, LNS15, Lui00, Lui01, Marc09, MPS09, PZP07, PS08, P811a, PBC05, PC07, QX08, ST00, SCGT07, ST96, TDTF03, WB09, WH13, Zha94].

Schwinger [ABIGG16, ZNZ16].

Scientific [BBC+16, HBB+16, KPC+12, SS03]. Score [Ng94]. SDSE [GS14]. SDPe [Vil15]. SDP [BT08, LT09]. SDP-Based [LT09].

Search [GK08, HKT01, LST07, OW02, Wan13, XB16]. Searches [COS06].

Searching [CD15a]. Second [AVZ13, BBSW16, BS05a, BGN07, BB15a, Bre17, BL07, Cas05, CK15, CM99, DM13a, DZ15, Del14, DG09, DAE02, DKM14b, Eid01, GW15, GBC10, GY05, GLT09, HW13, HL09, HH11, KM11, KP09a, KO05, KP05, Kup08, KL11, LP11, LN03, NL16, ÖB05, RL10, RM08a, ST03, TVA02, VSBE09, Vii14, ZLTT15, ZYSL15, ABCR93, Atk94, She94, She95].

Schwinger [ABIGG16, ZNZ16].

Sci [BEM94].

Science [JKR08, WRB+15].

Scientific [BBC+16, HBB+16, KPC+12, SS03]. Score [Ng94]. SDSE [GS14]. SDPe [Vil15]. SDP [BT08, LT09]. SDP-Based [LT09].

Search [GK08, HKT01, LST07, OW02, Wan13, XB16]. Searches [COS06].

Searching [CD15a]. Second [AVZ13, BBSW16, BS05a, BGN07, BB15a, Bre17, BL07, Cas05, CK15, CM99, DM13a, DZ15, Del14, DG09, DAE02, DKM14b, Eid01, GW15, GBC10, GY05, GLT09, HW13, HL09, HH11, KM11, KP09a, KO05, KP05, Kup08, KL11, LP11, LN03, NL16, ÖB05, RL10, RM08a, ST03, TVA02, VSBE09, Vii14, ZLTT15, ZYSL15, ABCR93, Atk94, She94, She95].

Second-kind [ABCR93].

Second-Order [BS05a, BB15a, BL07, CM99, DM13a, DG09, DAE02, DKM14b, Eid01, GW15, GBC10, KM11, KO05, KP05, Kup08, KL11, LP11, LN03, NL16, ÖB05, RL10, RM08a, ST03, TVA02, VSBE09, Vii14, ZLTT15, ZYSL15, GY05].

Section [Ben13, Ben15, DJM16, GH07, KY14, TBC+11].

Securities [IT14]. Sediment [BSS09].

Sedimentation [BRBT12].

Sedimentation-Consolidation [BRBT12].

Seeking [Sta07, SM07]. Segmental [ABKS16].

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

Segmentations [HTL16]. Segregated [GNOR14, HSF07]. Segregation [Boz09].

Seidel [AM95, Day98, Ver94]. Seismic [AKM+14a, BU15, BTG13, MWB92, PDC99, vLH14].

Selected [LYL+11, dV10].

Selection [AdvC00, Cz13, DG16, JMS16, Lin16, MS07a, SX16b, We99, dVPS+17].

Selective [GL03, Gup17, RT10].

Self [Bou01, De 12b, GHK14, LY13, PDTM08, PCL+16, WMU13, Sta97].

Self-Adaptive [PDTM08, PCL+16].

Self-Consistent [LY13, WMU13].
Self-Learning [De 12b]. Self-propelled [GHK14]. Selfadjoint [CPV95]. Semantic [ZS99]. Semi [ALJ99, ACF09, BT06, BCT05, BSMM16, BP13a, BF14, CF07, CMSS06, GC16a, GRL10, GX16b, HMR09, KS13, Kor15, LL02, Lay03, MO10, RG09, RLM*00, dFL05, HO96a]. Semi-Discr [BT06]. Semi-Implicit [ALJ99, ACF09, CMSS06, GRL10, GX16b, HMR09, LL02, MO10, RG09, BCT05, GC16a, KS13]. Semi-Lagrangian [BSMM16, BP13a, BF14, CF07, Kor15, LL02, Lay03, RLM+00, dFL05]. Semi-Toeplitz [HO96a]. Semianalytic [MS07e]. Semicirculant [HO94, HO96b, HBS00]. Semiclassical [BJM03, BG07, FGL09]. Semicoarsening [BFJ00, Den97a, Sch98, WO98]. Semiconductor [ANP00, BG07, GJ08, JW13, Kla98a, Kla99, MT96, RWA95, Sar98]. Semiconductors [BJ08, CCM05, DJP00, HJP03]. Semiconvergence [EHN12]. Semidefinite [Gri94, KOSB16, ST14a]. Semidiscrete [BP13b, KP12b, KL00a, KNP01, KPP07]. Semilinear [AW15, BWZ10, BHW99, CJ05a, GLSTV16, LZ01, ST00, WGT14, Xu94]. Semiorthogonal [Ste02]. Semiseparable [WLX+13]. Semismooth [BU15]. Sense [BW96]. Sensing [DFG15, 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 [KPÇA12, MTTV98]. Sequence [HH13, KKV13, KA95]. Sequences [BRZ14, HHLL00, JK08, MC94, NHSS13, PdSM+06, PV08, TT07, Pel93]. Sequential [AL97, AL99b, BDHS10, CGDD11, DGLH12, DTV13, HS99a, LLM08, OK13, WRB+15, vdmHCD15]. Serial [LSW02]. Serially [CDY07b]. Series [BS98, Bar00, Bar05, FO08, HT14a, HCHS13, Hor10, IK10, RO12, WM05]. Set [BP13a, BH11, COS06, CGS02, CDM+13, Cho09, FM07, GKL08, HSW08, KP11, KS13, LST07, MO00, NKM10, PSDF12, PST15, QL06, RS00, SF99, TKW08, Vog16, Wen10, YYS16, ZJ14, ZCI06]. Sets [CHX15, CWD13, FD03, HMST11, LZ13b, MDC08, NX13, PD15, PKV16]. Setting [OW02]. Several [EKM94, LW03, vD03, HHRV93]. Shadowing [CV94, HJ07, Van95, Van00]. Shah [DMN08]. Shakhov [CLQ12]. Shaking [GL15]. Shallow [AK09, ABB+04, BBSV10, BM08, BP12, BL05, BT16, CLP08, FS01, FM11, HK02, KP09h, Lay03, Le 05, LRP07, LP08, LDS11, Mar09, MSS12, RLC08, RLM+00, TC12, YCC10]. Shallow-Water [BP12, CLP08, Le 05, LRP07, LP08, LDS11, RLC08, RLM+00, TC12]. Sham [LY13, YMW07]. Shannon [OGO16]. Shape [ACLZ15, BCH12, CC12a, CDM+13, CGMV05, DD12, DMN08, GLL+15, GHHK15, GMV99, HT13b, HS06b, Haz08a, Haz08b, MBGV16, SSJB17, vdZvBdB10b]. Shape-Linearization [vdZvBdB10b]. Shapes [DCSO10]. Shared [Gon15, Til15, NP93a]. shared-memory [NP93a]. Shared/Distributed [Gon15]. Shared/Distributed-Memory [Gon15]. Sharp [BFSN08, XLG+16, ZD09]. Sharper [Van00]. Shear [GT98, TW96]. Sheet [BN98a, BSA13, ISG15, Nit99, PMSG14, TPT+16]. Shell [LCH99, Nie16]. Sherman [BCMM03]. Shield [ST03]. Shift [LPS10]. Shift-Invert [LPS10]. Shifted [BvG15, BDdSM11, FG98, SBK13, Soo16].
WWJ12, YBH15, vGEV07.
Shifted-Inverse [YBH15]. Shifting [Wat94]. Shifts [DKZ09, DLZ10]. Shock [CC98, DW97a, DGLW16, FL97, GGK+04a, Hwa07, Men94, WL97, Wu99].
Shock-Induced [CC98]. Shooting [CRG14, HM10a, Lam97, Rán93]. Short [CW16b]. Shortening [DKZ09, DLZ10]. Shock [CC98, DW97a, DGLW16, FL97, GGK+04a, Hwa07, Men94, WL97, Wu99].
Shock-Induced [CC98]. Shooting [CRG14, HM10a, Lam97, Rán93]. Short [CW16b]. Shortening [DKZ09, DLZ10]. Shock [CC98, DW97a, DGLW16, FL97, GGK+04a, Hwa07, Men94, WL97, Wu99].
Shock-Induced [CC98]. Shooting [CRG14, HM10a, Lam97, Rán93]. Short [CW16b]. Shortening [DKZ09, DLZ10]. Shock [CC98, DW97a, DGLW16, FL97, GGK+04a, Hwa07, Men94, WL97, Wu99].
Shock-Induced [CC98]. Shooting [CRG14, HM10a, Lam97, Rán93]. Short [CW16b]. Shortening [DKZ09, DLZ10]. Shock [CC98, DW97a, DGLW16, FL97, GGK+04a, Hwa07, Men94, WL97, Wu99].
Shock-Induced [CC98]. Shooting [CRG14, HM10a, Lam97, Rán93]. Short [CW16b]. Shortening [DKZ09, DLZ10]. Shock [CC98, DW97a, DGLW16, FL97, GGK+04a, Hwa07, Men94, WL97, Wu99].
Shock-Induced [CC98]. Shooting [CRG14, HM10a, Lam97, Rán93]. Short [CW16b]. Shortening [DKZ09, DLZ10]. Shock [CC98, DW97a, DGLW16, FL97, GGK+04a, Hwa07, Men94, WL97, Wu99].
Shock-Induced [CC98]. Shooting [CRG14, HM10a, Lam97, Rán93]. Short [CW16b]. Shortening [DKZ09, DLZ10]. Shock [CC98, DW97a, DGLW16, FL97, GGK+04a, Hwa07, Men94, WL97, Wu99].
Shock-Induced [CC98]. Shooting [CRG14, HM10a, Lam97, Rán93]. Short [CW16b]. Shortening [DKZ09, DLZ10]. Shock [CC98, DW97a, DGLW16, FL97, GGK+04a, Hwa07, Men94, WL97, Wu99].
Shock-Induced [CC98]. Shooting [CRG14, HM10a, Lam97, Rán93]. Short [CW16b]. Shortening [DKZ09, DLZ10]. Shock [CC98, DW97a, DGLW16, FL97, GGK+04a, Hwa07, Men94, WL97, Wu99].
Shock-Induced [CC98]. Shooting [CRG14, HM10a, Lam97, Rán93]. Short [CW16b]. Shortening [DKZ09, DLZ10]. Shock [CC98, DW97a, DGLW16, FL97, GGK+04a, Hwa07, Men94, WL97, Wu99].
Shock-Induced [CC98]. Shooting [CRG14, HM10a, Lam97, Rán93]. Short [CW16b]. Shortening [DKZ09, DLZ10]. Shock [CC98, DW97a, DGLW16, FL97, GGK+04a, Hwa07, Men94, WL97, Wu99].
Shock-Induced [CC98]. Shooting [CRG14, HM10a, Lam97, Rán93]. Short [CW16b]. Shortening [DKZ09, DLZ10]. Shock [CC98, DW97a, DGLW16, FL97, GGK+04a, Hwa07, Men94, WL97, Wu99].
Shock-Induced [CC98]. Shooting [CRG14, HM10a, Lam97, Rán93]. Short [CW16b]. Shortening [DKZ09, DLZ10]. Shock [CC98, DW97a, DGLW16, FL97, GGK+04a, Hwa07, Men94, WL97, Wu99].
Slab [AHT12]. Slant [GV09]. Slater [ISS06]. Slender [RS03]. SLEPC [CR16]. Slip [BH00b]. Slit [Ama98, HT09]. Slope [MB13, Zen16]. Sloppiness [vLH14]. Slow [CE17, LSU11, RS16]. Slow-wave [RS16]. 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, MNBK10]. Smolyak [CM13]. Smooth [AHH06, BV98, CZK15b, Cho05, Hel11, Atk94]. Smoothed [BFM+04, BOPGF06, DMM+10a, EO16b, Gu15, PoH09, ST08, TY11, TY15]. Smoother [GNOR14]. Smoothers [BFKY11, LDM04, Yao93]. Smoothing [BGMR01, FJP99, HA08, JK11, LNS96, Ng94, RG98, TGC94, Woo94, ZW94, Ena97, Gu93]. Smoothness [MKRK13, SCDM+10, vSRV11]. Smoothness-Increasing [MKRK13, vSRV11]. Snapshot [IW14]. Sobol [JK08]. Sobolev [DK10, GRPG01, RN98, RN95, Ste00]. SODEs [BRW10]. Software [AS94, DJM16, EM96, HML+04, KMRW97, KLkBW10, ZAD+16]. Software-Based [KLkBW10]. Soil [BS14]. Solid [AS207, BK00b, BCG+10, KCZ15, LHL12, PRS12, PM15]. Solidifying [KVMK01]. Solids [CG96, Tra95]. Solitons [LC05b]. Solution [ABLS05, ADGM98, AP97, AL99a, ANP00, ABI00, BS08, BCR11, Ban08a, BNNJ02, BK98, BCC98, BK99, BL03a, BD04, BLB00, BGK15, BSS09, BSSW13, Ber98a, Ber98b, BMSV97, BK00b, BBC07, BIY00, Bre99, BC99, BC08, BC09b, BW10, BBR08, BKS98, BTGH12, CKS01, CGL+13, CR04, CLPS03, CF05, DD00, DKKP14, DB94, DAE02, DKO12, DS17, DKZ09, DSZ13, EAS11, EM99, EHW00, FL97, GS16, GLL+14, GLMN15, GHST98, GHN01, Gre93, GV98, GS00, GV09, GS97, HRT10, HG98, HW15, HT13b, HP94, HHL07, HLM03, IM99, IG15, JTZ08, JZ00, KW07, KBK+08, KKF11, K099, KMR01, LWVW03, Lan94, LL98a, LLP98, LS13a, LV10, LM14a, LB15, LJ03, LLO8, MM13, MR09, MSW05, MPRW98, MT99, MHS98, OD12, PS13, PP05, QOQP99, Rah96, SBS98]. Solution [SE11, SP02, Sta00, SJD14, TC99, TW95, VMG09, WS95, WWM03, XK08, YG15, YHC16, YVB98, YP98, Zhe07, ZS02, vWBV09, ABCR93, AS93, AO93, BZ96, BR95, BH97, BHP94, CDH97, LV94, MCJN94, PCD96, SRCG93, Tre97]. Solution-Based [Ber98b]. Solutions [APZ13, AEFM17, ADKM03, AFF+15, AA13, AHDK14, AGH00, BGK15, Bet08, BK04, BV00, BS96b, BB11, CZK15b, CZZK16, CEJ+10, CYX10, CK94, DTM05, DP03, Du11, Ema10, EltHR00, FS01, FBF15, FL02, Gär09, GK+04a, GI99, HXB11, JP08, KK02b, Kus00, LD03, LR98, MS07d, MKRK13, MRL+17, PL03, RO15b, SBP04, SE13, SB05, SK05, SMN10, VXCB16, WXK04, Wat04, XY12, ZGA10, Zha96, vSRV11, vdBF08, vdDA12, TR93]. Solvability [CG95]. Solvation [BZ10]. Solve [CCF14, CFM08, EVLW17, FT03, GH13, Gar94, HP14, Hog13, PRS12, QZZ14, Sar98, VS17]. Solved [MG11]. Solvent [WSA16, XJS13]. Solver [AAH98, AIV98, AMT10, BDJ05, BL04a, BACF08, BL07a, BBFJ16, BSVP15, BG05a, BG05b, BCS11, BIA99, BIA05, CB98, CGG+14, DMS01, DW97b, DP10, EG01, Fie98, GLR+16, GM14a, GHST98, GS02b, Gur04, Hel11, Hen06, HD15, HG12, HG00, Hwa07, JNAS16, KCZ15, KZ00, KV12b, KL12, Kor15, KR12, LAG14, LLW16, LL08, LB12, MM14, MK08, MSM14, OR02, OW98, PW98, PSS17, RT99, RLM+00, SBK13, TET10, Tor12, VB07, XJBS12, XOMN10, YC14, BCLC97, EOD93, PTvR+14]. Solvers [AC04, AKS05, AGL13, BCK16,
BD99b, BH07, BMV13, CR16, CCER12, CM15, CDPC13, CRV13, DS00, DMM04, DFN12, EGKS94, EPSU09, FGMP13, FGMP14a, FFMT96, GMSB16, GGOY02, GRT05, GR8+15, GB06a, GKS98, Hig95, HO96b, HGRW16, JSV10, KA95, KW00, LM00, LD16, LXdH16, LT14, LC95, LGH+13, MO08, MS07c, MKSG10, MS06b, Mee01, PNW16, PRR05, PPB13, PF94, PR96, RDW10, RV10, ST16a, Sem10, SLC01, UEE12, WZ15, ZGG17, BME93, BEM94, CN93, JS93, Lie93, She94, She95, vd97.

Solving

[AFF+15, ACW12, AF15, ACD95, AH04, BS07, BBSV10, BK06, BT97, BGH+03, BH08, BHT11, BT13, BW96, BMMT14, BP06, CLW13, CH09a, CJH11, CZ10, CS96, CN99, CLST03, CM00b, CHM02, DY06, DLY14, DN13, DH01, DJLZ96, DS16, DK03, EBR00, Elm98, Elm00, EPE05, Ett16, FF05, FM06, FJP+11, FKW13, Gar07, GG03, HHE10, HZ10, Hol09, HVW95, HC98, HY10, HW09, IM97, JX13, KL13a, Kra09, KW10b, LV98, LCH09, LZ13a, MK00, Meu11, MNN00, Moo00, Mu99, NWD00, Ökt05, PE00, PL12, Pol16, Pul08, RNR16, RW01, Sim07, SvG08, SV11, SO10, TO15, VP10, WLX+13, Wi08, YCF13, YDF97, YTLI11, Yu01, ZLH13, Zha07, ZJC12, ZW03, CW07, LZ94, MT97a, PSB+06].

Some

[A13, BF01, BMR10, BDS98, BFS16, BT00b, Cho01, Chr09, Gar00, GH02, Huc93, Jin99, LZ16, Man95, MS04, Mic01, Moo00, OL98, PABG11, RST93, Suy93, XY94, DC95].

Sonic

[BD99b].

SOR

[BD05, DB08, GKI11b, RWA95, XA99, Xie05, Yav96].

Sound

[CC98].

Source

[AGH00, CGK13, GHR12, GHR13, HR99a, HCHS13, JW05, SX11, WK5+07, ZTM+16].

Source-Term

[ZTM+16].

Sources

[AKM+13, KBV09, WLE+00].

Space

[ALLK15, And16, BK99, BC09a, Ber95b, BP13b, BV16, BRZ14, BDE08, BTW08, Bur97, BHK12, BH16, CPW15, CMS94, CHO12, CFM96, CCG14b, Day98, Dk00, DJT08, DT00, DW15b, DMD+12, DB07, EKS15, FDE+06, FMB13, GS98a, GN16, GOV06, GMPZ06, HP14, HKR16, HHW00, HV95, HC98, HHLW15, KV12b, KS14, Keye17, Leh15, Mee00, NHSS13, NXDS11, PNW16, PBC05, RF10, SV08a, Str94, TY08, TW05, WMC12, WB12, WGT14, YT111, YYS16, YHC16, Yan14, Yu01, ZK14a, ZZ04, ZZSpH14, ZLTA15, AE95, WM11].

Space-Filling

[BH16, GMPZ06].

Space-Fractional

[ALLK15, DW15b, PNW16, WB12, ZK14a].

Space-Invariant

[BDE08].

Space-Time

[BV16, GN16].

Space-Transformation

[Hc98].

Spaced

[AGH00, CGK13, GHR12, GHR13, HR99a, HCHS13, JL05, PNW16, WB12, ZK14a].

Spanning

[ZTM+16].

Spatal

[DHE13].

Spark

[CHJ16].

Sparse

[AKA13a, AGL10, AK13b, AA14, ADL+12, AP04, ABB+16, BK07, BSH16, BB08a, BGM13, BM95a, BMT96, BT98, BT00a, BT03c, BNP15, BBJ16, BAS09, Bit99, BC13, Bö09, BVW09, BS99b, BT99, BGM100, BCMM03, BG12, But13, CSA03, tVC10, CC16, CS98, Cho00, CLN12, CV98, CKL18, CFM98, DSO0, DLP05, FS11, GN14, GLS13, GG05, GS98b, GHS+15, GOV06, GD07, GBDD10, GH97, Gug16, GC16b, HH13, HLS15, HC05, HK00, HP94, HRS10, HWS05, HV07, JFG15, JZ13, JP08, KMSM14, KHW+14, KM12, LSW02, LOS07, Loo12, Lee13a, LSC03, LYL+11, MW01, MJ15, NK15, NJ14, OA93, PZBB15, Pen00, RT10, Ros15, RS99, Ru08, Saa96, S99, SS99, SY10b, SY12, Sun96, SX11, TW03, TB99b, TTY16, UA04, UA07, VM13, WZ03, WY11, X13, XZ14].

Sparse

[Yan94, YSHX17, Yin09, YB09, ZGA10, ZTRK14, AS93, AMB+94, BZ96, EL93, MH95, MS93b, NP93b, PS93, Rag95, RG94, Rot96, Sch93, MG09].

Sparse-Approximate-Inverse

[MG09].
Sparse-Grid [BvW09]. Sparse-Sparse [CS98]. Sparsification [APSG14, BFG+16].
Sparsified [TY15]. Sparsity [BL08b, Cho00]. Spartan [Hri03, Hri05].
Spatial [AD06, Boz09, CMM+07, CLAT10, DTT+16, JV96, KKP14, MTM08, Min02,
PV08, WP98, Zim13]. Spatially [AK04, BLMR02, CCA03, HTH+16, NO98, NNH99].
Spatiotemporal [BF16, LC05b]. SPD [GRT05, SIS96]. SPDEs [ZRK15, ZK15, BAS09].
Special [Bal00, Ben13, Ben15, Bre17, CVW06, DJM16, Elm98, Elm00, GW04a, GLR07, JKR08,
KY14, Tum10, TBC+11, Vas07, Wan01]. Spectral [ACLZ15, BDD+97, BT03a, BJM03, BS05e,
BG98, BK00a, BK10, BEKM16, Bjo95, Bla97, Bla98, BIA99, Bru15, BOPGF06,
CGQ10, CG99, CDG03, CGG07, Cas97, CCS97, CFH+03, Che05, CCO11, CEO11,
CF05, CG07, CJI11, CRV13, DM16, DJT08, DAE02, Du16, FTY15, FMRR13, FS02,
FW97, FM16, GKI1a, Gas13, GP99, GM14a, GRT05, GRMS09, GN07, HOY03, HNS08,
HL95, HT00, KLV+16, KG14, LZ17, MC09, MW08b, NH13, NN03, Ols07, PKD13,
PCFN16, Pav08, PZR07, PWZ10, RS16, SDLN10, She99, SY10b, SWX16,
SF08, SJ14, TW12, TO15, TT06, TLE12, WG00, XCS16, ZK14a, ZK14b, ZCZK14,
ZZK15, ZMK17, ZZ16, ZLTA15, vGEV07, vHBTC12, Lie93, MMP93, Nat95, Nat97,
She94, She95, She97, Tan93, BT97].
Spectral-Galerkin [DAE02, She99, She94, She95, She97, BT97].
Spectrally [BvW15, CBG12, JL11].
Spectrum [AK15, BS06a, GK03, ZB12, Gut93]. speed [DS95b]. Sphere [BL07b, CF97, DLTZ06, ES00, FF05, FP07,
GPS12, Lay03, LS00, RLM+00, TDTF03, TW16, WL11, Wan13, YCC10]. Spheres [GJLX16]. Spherical [AA00, BLS06, BN00,
FF05, For95, GV13, KMS15, Li99, MK08, Nie16, RT05, She99, TW16]. Spherically [WT16]. Spin [BL08a, CBDW15]. Spin-1 [BL08a]. Spline [AG10, BF95, BFK03, BFK05, BF06, Bit99,
BB15c, LS00, MS07d, Ng94, Red99, Sm95, TGC94, TV98b, Bia94, HHRV93]. Splines [BL06, HHL07, LS94, LZ13b, Woo94, AE95, Gu93]. Split [BAFF00, HJMS07, Lee13a, LK15].
Split-Step [HJMS07]. Splitting [AB16a, BA05, BQ00, BGL05, BGL06a,
BJM03, BS05c, BCM11, CCGGS15, CZK15b, CFJS08, CLST03, CDB13, CJK10, CJ95,
DJT08, DMD+12, EO15, EO16a, FKSQ17, GLQ16, GRKB16, HL09, KQW04, LL00,
RS16, Shao3, WL97, YHS07, Yun03, MT16]. Splittings [JP95, MPRW98]. Spray [BCM15a]. Spread [BNP15]. Spreading [Ros96]. Spring [CJ09, LP03].
Spring-Mass [LP03]. SQP [PBC05]. Square [AKA13a, FCZE14, GM01, LZ17,
MT97b, RW06]. Squared [CCG14a, Gro02]. Squares [AMMR10, AMM+10, AMM+11, ABM+13,
AV14, AD15, AMT10, BLH02, BGM13, BT03c, BS99b, BW96, BKMMM10, BL03,
BMMT14, CLMMM00a, CLMMM00b, CPV95, Car10, CAS11, DMM004, DMM005, DG98,
EHS+07, FMM98, FGO97, FS11, FNB06, GKK15, HLM06, HL+09, HY10, HY14,
KMS15, LMMR00, LFB13, Lee14, LM15, LRS02, LD11, NP14, PE00, PBT+15,
QOQP99, RDB16, ST16b, SX16b, Sta00, Str93, T314, TBO10, Wat98, XS16, You94,
ZCC+16, ZW+13, ZNX14, dMHJM00, ten95, BR95, Dax93, NP96]. Squaring [AMH12, SIDR15]. Stability [AD07, AW11, AP93, ACF09, BYK05,
BM10a, BM10b, COZ96, CH08a, CKLP11, CFM96, CS10c, DSB99, DP07, DHE13, DR13,
Dur16, FCF14, GuG16, HP94, Hig95, HV04, IM97, Ket08, KP07, LPR98, LC05b, MR02,
Stability-Corrected [DR13], Stability-Preserving [Ket08], Stabilized [AVZ13, BH14a, BM11, BBGS04, BCLT15, BBKT15, BL07b, BRBT12, Bur13, Bur14, BCM15b, CSW14, EHS*07, Gar97, KS99, SV03, SSF16, ZS02]. Stabilizing [CD06, VW98]. Stable [Abg09, AN16, ABB04, BN98a, BS05d, BHT11, BDK12, CGGGS15, CWX15, DM13a, DS16, DMM14b, FM12, FP07, FLF11, GMV99, HT14b, Hel11, Het98, HT00, JL11, KG14, KW16, KM12, LW12a, LLHF13, LLX15, MC10, NH13, NS06, PCFN16, PSC16, PJ96, SY14, SO09, TKCC13, WLM00, HJMS07, HLZ13, Jah04, KW15, LHL12, LN15, SB13, AMN15, CSS93a]. Steady-State [CDG*09, DD00, Elm99, Gär09, HLLM15, KLW02, PS12, Str00b]. Stefan [BH11]. Steiner [EÜ09]. Steklov [Nat95, Nat97]. Stellarator [HB04]. Stencil [KP09a, LGH*13, MHL*15]. Stencil-Aware [LGH*13]. Stencils [GV15, IT09b, LLHF13]. Stenotic [TY00]. Step [AP14, Bar99, BCF13, BFK05, BBC07, CFC05, Cas05, CGK13, CS96, CLST03, CSW10, GASSS98, GV09, GM11, HS05a, HLW00, HJMS07, HLZ13, Jah04, KW15, LHL12, LN15, SB13, AMN15, CSS93a]. Stepping [CS10b, DG09, EJL03, GGS08, GMM15, GM15b, KT05, KGGG10, KR11, Li10, QZT11, SNB08, LK93]. Stepping Sizes [BLR99, BB02, KW10a, RW06]. Stepwise [HS97]. Stepwise Approximation [AdvCo00]. Stewartson [KR11]. Stiefel [BL99]. Stiff [AC08, AVZ13, BJ01, EJL03, G03, HG98, HR99a, KT05, KW15, KK12, LG97, LT14, ÖBO5, RSW10, JS93, Pem93, Ver94]. Stirred [BK04]. Stochastic [AE08, AC08, ACVZ12, AVZ13, AB16a, BCT07, BCP13, BS16b, BV16, BRW10, BB02, BLL07, BDW11, CZK15a, DKM14a, CCG14b,CVE13, DN*04, DTT*16, DP16, E00, EFVL09, EPSU09, FS12, FS13, GH15b, GY11, GM98, GLM15, GKR16, GM11, GNZC17, GK13, HLS*16, HJX15, IP06, IT09b, JL03, JCL07, KK13, KS11, KHRvBW13, Kue12, KHL*04, LT12, MS07d, MW10a, Ma05, MWBG12, MW03, MEHL16, MNST13, MT97b, MT06, Mis01, MTV16, MS07c, MW16, NX12, NJ14, NGX14, OKD16, O10, PW12, PSLG14, PMSG14, PP12b, PS17, QS08a, RW06, RKvDA14, RV10, SDNL10, SB13, TLM14, TVA02, TLE12, U110, UEE12, V14, WXK04, WGT14, WRB*15, WI12a, WI12b, WFAP15, XKK2, YG15, YSX17, ZRTK12, ZFwCW15, ZCP06, ZFZ14, Zy11, vdDA12]. Stochastically [HGP14]. Stockwell [WO09]. Stokes [HLLM15, ZX10, ABS96, ACL09, BH00b, BSW15, BW15, BBGS04,
BSSW13, BL07a, BW11, BS15a, Ber97, BT13, BCM15b, CLMM00b, CW07, CGP12, CP13, CLS16, CST16, DG98, DLTZ05, DS17, DHE13, ES96, Elm99, EHS+07, Ena07, FF05, FGM08, GH13, GNOR14, GP99, GRL10, GRS+15, GHST98, GW98, GKP09, GO09, GLOR16, GM15b, HG96, Hes97, Hes98, HLM+09, HBS00, HQH+16, IACG15, JLI11, JVG12, JK05, KK00, KS99, KLW02, KL05, KW07, KGGS10, KL06, KL10, KGR16, KOV15, LW12a, LHL12, LLP98, LL97, LL03a, LL00, LCGW95, LLL08, LRT11, Lui01, MMPR93, MP08, NSK10, OR02, PCFN16, Pav98, PT01, PP08b, PR05, PM95, PS12, RW11, RG09, SS98, SWT00, Sma01, SS16, Su15, SS95, TLN14, TLLK09, TP09, TC99, VY09, WWY09, WWY11, YSZ14, vBdB05].

**Stokes-Type** [GO09].

**Stokeslets** [Cor01].

**Stopping** [AGL13, BHvST14, BR05b, EV13, FS08, JSV10, Mar01].

**Storage** [CF07, Ket08, KMSM14, LW14, RY03, RLG98, War13, WM11].

**Strategies** [AGSZ16, BW01, HG99, HGPM14, MS07a, OST11, Pir16, QZT11, VVM12, dDBV14, vdHCDD15].

**Stratified** [GLSTV16].

**Stream** [AH12, GV16, Kup01].

**Stream-Tube** [AH12].

**Streamline** [Kö07, SC10].

**Strengthened** [LLZ09].

**Stress** [De14, GG99, Min02].

**Stresses** [Nie16].

**Stretching** [DR13].

**String** [WS07].

**Strip** [QSV06].

**Strips** [Coa12].

**Strong** [BCK16, CS10, GE96, KM11, Ket08, WGT14].

**Strong-Stability-Preserving** [CS10].

**Strongly** [MSM14, vD03].

**Structural** [BTB05, BT00b, CTB15, RMB00, SP02, Smi97, EL93].

**Structurally** [HK00].

**Structure** [ACF09, BQK08, BC10, BB15a, BCK16, CTB15, CBG16, CDFQ11, DLY14, DJP00, HLM03, Hwa07, Jay98, KV05, KPPS14, KSV16, LQR12, LNC05, LYL+11, LXX08, MKWG15, MW01, MTM08, NV09, PE00, PV11, RW13, Rub12, WUMZ13, ZZWZ14, vBdB05].

**Structure-Preserving** [CBG16, HLM03, MW01].

**Structured** [BKS16b, BD05, CDY07b, CJ99, CX08, EZ11, FNB06, GLR+16, GNL14, GG03, HG12, KKT13, KKS13, KKK11, KS11, Ktn08, LE10, LYL+11, LXdH16, Mar16, PS11b, RKL07, Ros15, SWX16, VM13, VXCB16, Xia13, ZJC12, ZWZ+13, Zie12].

**Structures** [Bou05, GGM01, GMNP06, RAB+14, RC06, Saa03, SSW12, TW96, WLX+13, YPN+01].

**Studies** [BBP13, BBKK97, DMM+16, RLG98, YTD15, ZD09].

**Study** [APS12, AHT12, ACD95, Bj04, BCR99, CH99, CGAD95, CHK13, DARG13, EP06, GKK00, GMSB16, GTR05, GKK05, KB08, Kup98, LZ04, OL98, Pic10, PABG11, Ros05b, Ste01, WH15].

**Studying** [EW00].

**Sturm** [AF15, Bou01, LV10, ZAK15].

**Style** [FStvdV98b, ZK14c].

**Subcube** [CG93].

**Subdeterminants** [IMS96].

**Subdiffusion** [CLAT10, ZLLT13, ZLLT15].

**Subdivision** [CWD13, HOY03].

**Subgridscale** [Lay96].

**Subiteration** [vBdB05].

**Subject** [GLL+15, LX12, LQX14, AE95].

**Sublinear** [VL10].

**Subproblems** [HD15].

**Subset** [CBCR14].

**Subspace** [BM01a, BCL99, CKD13, CCSTY98, CPS11, CS14, CDW14a, CDW14b, DLZ10, EEO01, GY02, GO03, Gu15, KdS05, KS14, LMRS15, Lin16, LW13, LR98, OW00, PS02, SSM16, SW01, SS03, Svo16, Sta97, VP11, Wal99, WYUZ10, ZYSL15, vNLB04, vdVY00, Wei94].

**Subspaces** [BD08, CKBT16, DF03, DKZ09, KA95, PdSM+06, XKZ95].

**Substantial** [CD15].

**Substructuring** [BLO4b, Doh03, HS99b, HZ16, Sta97, YGB+05, Smi93].

**Subsurface** [FK97, Sta00].

**Subtraction**
Successive [GB98, Mit08, WZ03, YJ13]. Suite [SR97].

Sum [ACO98, ACCO00, ORO05, dMHJM00].

Sum-of-Squares [dMHJM00]. Summation [And99, BC02, BZ15, CWA14, DZ15, DH03, HZ11, HDZ16, McL12, Nie06, NL16, P503, ROO08a, ROO08b, Rum09, ZYZ05, ZH09, Hig93]. Summation-By-Parts [BZ15, HZ11, NL16, DZ15, HDZ16]. Summations [MXYB16]. Sums [BGM09, KW11, PPT11, dBMZ11]. Super [Jay98]. Superalgebraic [BH07]. Superblock [CWC08]. Supercharging [AMT10]. Supercompact [BW00]. supercomputer [Kor93]. Superconductors [DG99].

Superconvergence [DK98, HXB11, WCH14, Yam02, HLD12, HJS99, JF10, JLY08, KSA14, LZ99b, LS13b, LSS03, MV00, MRV06, MB09, May08, Mcl95, MDMA15, Nat98, Ng00, Oct99, SLvDGK14, SK05, TD99, VK13, VSS14, WT16, XYGO01, ZLG98, FS96, Lan93, LL93, LZ94, MS93b, Tre97, WM93, YL93]. Symmetries [ALT93]. Symmetry [CCSY98, MMT15, SLvDGK14, SA97, EL93, WAS94]. SYMMLQ [Dul98]. Symplectic [BCF01, Ben01, BCR99, KLS15, Man05, McL07, MMVW13, PM16, SSS97, CSS93a, CSS93b, LMSS97]. Symplecticity [LXL11]. Symplecticity-Preserving [LXL11]. Synchronization [AD07].

System [AK99, AMMR10, AMM10, AMM11, ABM13, AV14, BCCI98, BS05b, BDZ13, BL03, CCM00a, CCM00b, CLPS03, CLP08, SO09, TK13, WKZ15].

Surfaces [BB09, BBK06, CW13, CW14, CM15, CW16c, CDW14a, CDW14b, DF15, DP07, DGJ03, Far01, JFJ11, Gra14, KTB14, KKB10, MR09, NNRW09, Ren15, Say15, Atk94, RN95]. Surrogate [CGD11, LX14, RS13, vdHCD15]. Surrogates [LM14a, YGCP96]. SVD [BP97b, Hoc01, NH13, Nov15, OT09, VW94, WS15]. SVD-Based [VW94]. Sweeping [ALZ14, BM11, GLQ16, LY16, PELY13, ZCL11]. Swelling [WFAP15]. Swimmers [GHK14]. Switching [HFL11, KL00b]. Sylvester [BDP96, ST16a]. Symbolic [GDLO7, MBM16]. Symbols [JF16]. Symm [CP05]. Symmetric [ARMN10, AYM03, AH04, AT15, BF01, BOR97, BGM13, BDvG05, BS96b, CAK11, CCS98, CPS11, DL05, DMPV08, DJLZ96, FEM08, FS08, GPP95, GMG03, Gas13, GY92, HAGO2, HLD12, HJS99, JF10, JLY08, KSA14, LZ99b, LS13b, LSS03, MV00, MRV06, MB09, May08, MeL95, MDMA15, Nat98, Ng00, Oct99, SLvDGK14, SK05, TD99, VK13, VSS14, WT16, XYGO01, ZLG98, FS96, Lan93, LL93, LZ94, MS93b, Tre97, WM93, YL93]. Symmetries [ALT93]. Symmetry [CCSY98, MMT15, SLvDGK14, SA97, EL93, WAS94]. SYMMLQ [Dul98]. Symplectic [BCF01, Ben01, BCR99, KLS15, Man05, McL07, MMVW13, PM16, SSS97, CSS93a, CSS93b, LMSS97]. Symplecticity [LXL11]. Symplecticity-Preserving [LXL11]. Synchronization [AD07].

System [AK99, AMMR10, AMM10, AMM11, ABM13, AV14, BCCI98, BS05b, BDZ13, BL03, CCM00a, CCM00b, CLPS03, CLP08, CS16, CF05, CG11, DY06, EGKS94, FV06, FM998, Gär99, Hig95, Im08, KLJ10, LMMR00, MKSG10, MR01, MPS09, PS08, Rev02, Rev05, RGG06, Sch05, SBND11, SV11, TKCC13, WS95, XBC96, ZGA10, ZG17, BK14, MG95].

Systematic [HTH16, SvdGP16, VW05].

Systems [AM04, AKK14, AG116, AH09, AKPR08, AKT16, AR99, AL99b, ATK12, AK04, BGLY05, BS05a, BK98, BK99, BPR04, BvG15, BB08a, BM11, BDssNM11, BBM11, BGM13, BC01, BSSW13, BM95a, BT98, BvR00a, BPR09, BL07a, BC15, BB13, BR09, BPR13, BS96b, Boz09, Bre99, BC99, BHP98, BM103, BC08, BC09b, BK11, BTWG08].
BGL06b, BEPW98, CS99, CGL+13, CSS10, CB98, CGG07, CJB11, Cas05, CPPR12, CS96, CCS98, CN99, CBG16, Che98, CPS11, CDY07b, CBWD15, CW12, CVE13, CE16, CD06, DM13a, DLY14, DB98, DH01, DRFNP07, DB94, DS14, DGSW10, DTT16, Elm98, Ema10, Ett16, FSvdV98a, FT03, FDE06, FG98, GJLX16, GDLS14, GGOY02, GNL14, GRT05, GRS15, GR04, GW98, GG03, GG05, GKK10, GV98, Gri94, GPS95, GSW13, GW00, HR05, HS06a.

Systems
[Hag00, HTMM15, Har11, HJ07, HSS08, Her08, HZ10, HP94, HHW00, HG12, HLS98, HEGH14, HZ16, HSCTP04, JFG10, JZ13, JW05, JW08, Jou94, KGM+08, Kas95, KP12a, Kea97, KLR98, KBK+08, KPL13, KSB11, KMR01, Ko04, KSV16, KNV+16, KK16, Lab05, LM00, LV98, LV13, LNP+07, LSU11, Lee09, LM15, LS16b, LPR02, LN05, LPR98, LW16, LN03, LxH16, LMMW04, LNA+11, MB02, MRT00, MSM14, Meu11, MW13, MC05, Moo00, MGW00, Nat98, NP08, NSJ03, NM13, OD12, PNMW16, PdSM+06, PW15, PM16, PVK16, PW98, Pet99a, PH16, PS01, Rah96, RG07, RSW10, RM08a, RT99, SS99, SBK13, ST08, ST14b, SHP07, SE11, SG95, Sma04, Smi97, SG04, SvG08, Soo16, SC98, St94, SO10, Sun95, TTSM08, TT07, Tou94, Tor12, TS14].

Systems
[VCO00, VM13, VK13, VSS14, VTD12, WLX+13, WTWB09, WSH14, Xu04, Yan04, YDF97, YP98, Zha97, dDBV14, dSL05, AS93, AM95, AP94, BHP94, CGP93, CN93, CT94, CGS+94, CC96, CW97, CMV97, Fre93, Gre93, JS93, Yav93].
systolic
[BPT93].

Tables
[CWG10].

Tackling
[KSD10].

Tail
[IM98].

Tailed
[CHL16a].

Taking
[MM98].

Taksar
[DS96].

Tall
[CGHT14].

Tangent
[ZZ04, ZS14].

Tangential
[MRS14].

Tangentially
[BM11].

Target
[HWS05].

Task
[ABC+14, MDM15, Til15, YS16].

Task-Based
[ABC+14, Til15].

Task-Scheduling
[MDM15].

Taxonomy
[BBGS04].

Taylor
[Bar05, Hei13, Kup98, SIDR15].

Tearing
[LOSZ07].

Technique
[ABKS16, Bla97, BEPW98, CL03, DS97, HHLS15, LNS96, NNIH99, OGO16, RSA05, SP03, WoH08, ZW12, Yun03, P3SB+06].

Techniques
[APvDG12, ADH99, AB16b, BVW09, CDGS05, CP05, CP07, CBS00, CDGT01, DS00, EF15, GSF96b, GG10, HW01, HM14, JFG13, KTBI4, KMR01, KM98, Lan10, MMV98, PKNS14, PAGB11, Pla98, SS99, SBR06, SW03, SF08, Toi96, WB08a, YHC16, ZW94, ADRS95, CS97, Di95].

Teko
[CST16].

Temperature
[Don06].

Tempered
[HP14, ZAK15, ZK15].

Templates
[HIH12].

Temporal
[Ber95b, BRK16, GS16, LL00, MKW15].

Tension
[BN98a, LL07, MCT+05, SO99].

Tensor
[BS03, BS07, BG14, Ben05, BAS09, BEKM16, BKS16b, BS99b, De12a, DM13b, DKO12, FF05, FEM08, GNL14, GOS12, GKK15, HRS12, KT13, KKS13, KKV, KKF11, KS11, Kor15, KSV16, LS00, MMRN15, MSL13, MBB+16, OT11, Ose11, RO15a, RDB16, Ste16, DH16, VM15, VS17, ZCK12].

Tensor-Structured
[GNL14, KKT13, KKS13, KKF11, KS11].

Tensor-Train
[BEKM16, Ose11, VS17].

Tensors
[BBK07, BK16, CCQ16, GU17, SL10, SLvdGK14].

Term
[AGH00, FN94, HS97, Kla98b, Kla98c, RG98, Wan07a, ZTM+16].

Termination
[FL08, KMT98].

Terms
[CGK13, HR99a, JW05, Nak98, Win06, EW96].

Tessellation
[BGL06b].

Tessellation-Based
[BGL06b].

Tessellations
[DGJ03, DW05b].

Test
[CPT05, Han95, JL03, JL05a, Lin06, LW03].

Testing
[WRB+15].

Tests
[LSW02].

Tether
[TP09].

Tetrahedra
[Ber00b, DK98, PC98].

Tetrahedral
[AMP00, Ber98b, BH16, CC11, FKW13,
GR05b, HT00, LJ95. Tetrahedralization [Wal13]. Tetrahedron [Ong94]. Textbook [BSA13]. Texture [BEG+08]. The [PP12b]. Their [CH02, DW05b, GPS12, LS94, LL00, MC94, PP13, ST00, CC96, DG95, DG99, GM00b, SHP07, WTS94]. Themes [DJM16, KY14]. Theorems [ET01, LV98]. Theoretical [CGAD95, Wan07a, Ber97]. Theories [HSF07]. Textbook [BEG+08]. Texture [BEG+08]. Their [CH02, DW05b, GPS12, LS94, LL00, MC94, PP13, ST00, CC96, DG95, DG99, GM00b, SHP07, WTS94]. Themes [DJM16, KY14]. Theorems [ET01, LV98]. Theoretical [CGAD95, Wan07a, Ber97]. Theories [HSF07]. Theorems [ET01, LV98]. Theoretical [CGAD95, Wan07a, Ber97]. Theories [HSF07].
Pek12, PP13, TW09, BS94, DR93b, Heg95].

**Transient**
[BG07, BP13b, FHFR13, MST15, SMB07].

**Transistors** [HJP04, JP14].

**Transition**
[CCER12, Gar94, KKS08, ZDZ16].

**Transitions**
[BG11, CG96].

**Translates**
[PPT11].

**Translation**
[GD03, ED95].

**Transmission**
[BLS14, HHL15, JLY08, MRS04, MS12, QX08, RL10, WH13, YBLH16].

**Transonic**
[CGK+98, SS10a].

**Transparent**
[Coa12, RSSZ08].

**Transport**
[AHT12, AH06, ACCP13, BGL08, BSS09, BP13b, BBM*08, BLM03, BJ08, CMM*07, CLTX15, DMML05, DJP00, FHL13, Fro12, GJ08, GC16b, HKF*13, HRT13, HJP03, HJP04, Kan03a, KR14, KGM*08, KGM*11, KMS15, KP12b, Lay06, Lec10a, Lec12, LR12, MMM*94, OL98, PMR16, PBtTB*15, Ros06b, SG11, VY09, WZET13, YS16, MMM*95, MMMY96, PCDB06].

**Transport-Reaction**
[HKF*13].

**Transportation**
[BCC+15, PBJ+96, SM15].

**transpose**
[Fre93].

**transpose-free**
[Fre93].

**Transposition**
[Gup17].

**Transverse**
[ZB12].

**Trapezoid**
[LNP15].

**Trapezoidal**
[Alp99, SO15].

**Travel**
[CCH15].

**Traveling**
[LT12].

**Traversal**
[WM11].

**Treating**
[SO09].

**Treatments**
[BH00b, CDM+13, Sch09].

**Treatments**
[BG14, CWA14, WMSG09].

**Tree**
[BG14, CWA14, WMSG09].

**Tree-Code**
[WMSG09].

**Treecode**
[DD12, KW11, MXB15].

**Treedotes**
[GS00].

**Trees**
[Hol01].

**Treffitz**
[EKSW15].

**Trial**
[Lin16].

**Triangles**
[Ber00b, D’A00, DK98, KPP+14].

**Triangular**
[BGL05, Ber98b, Bol03, BK17, Cao07, FEMA08, GGL09, HO15, HP94, Hig95, Hög13, KT15, Kla98b, Le 01, LNSZ06, MRRK13, SC02, WSK99, ZS03, AS93, BK17].

**Triangularly**
[vd97].

**Triangulated**
[FJP+11].

**Triangulation**
[CLW+14, DV98, HGPM14, VHGR10].

**Triangulations**
[EU09, Jeo95, JGZ06, Jeo93].

**Tridiagonal**
[DMPV08, DJLZ96, GMW03, HKO99, KL11, LZZM99, MRV06, Oet99, RT99, AM95, Lan93, LL93, LZ94].

**Trigger**
[BBC*16].

**Trigonometric**
[KP07, Sr00a].

**Trilinear**
[VP10].

**Trilinosis**
[HKR16].

**Triple**
[KW15].

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[De 12b, JN10, WS15].

**Trivariate**
[CD15a].

**Troubled**
[TQ05a, VR16].

**Troubled-Cell**
[QSM15, VR16].

**True**
[vdVY00].

**Truncated**
[CD15b, FGHO97, MBMV13].

**Truncation**
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**Trust-Region**
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[WRS08].

**TT-Format**
[OD12].

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[AH12, Hun95, LJJ09].

**Tubular**
[NNR09].

**Tucker**
[Ett16, GOS12, DH16].

**Tumor**
[BCC+10, HDB08].

**Tunable**
[ZZK05, ZMK07].

**Turbulence**
[BBR04, PH13].

**Turbulent**
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**Turning**
[LJ03].

**TVL1**
[YZ09].

**Twist**
[BT03a, LFWP08].

**Two**
[A09, ABC+16, ABMR11, ABIGG16,AIL05, AHR12, Atk94, BG06a, BT06, BBKK97, BK99, BC10, Bar99, Bar12b, BCT05, BB15b, BH11, BM01b, Ber95b, Beu05, BKS13, CHR99, CM98b, CDG03, CGG07, CP07, CGL01, tVCAU10, CV12, CV15, CC02, CL97, CC09, CJ05a, CDB13, CST+13, DS00, Dt00, DD00, DJM16, DF99, EG01, EP95, EPV94, Fai03, FV06, FS01, FL97, Fer98, FCZE14, FK00b, FCC10, FN09, FL08, GJSZ13, GVP06, GV16, GKM07, GK98, GPS95, Gro02, GC97, HHR16, HHRvR03, HRS94, HR99c, HLZ13, JVG12, JW05, JLZ16b, JK08, JP01, KKV13, KKP14, KCZ15, KKS13, KL06.**
KY14, KS15b, KT08, Kra09, KW15, KP09b, KM05, LdMV12, LAG14, LL98a, Le 09, LP08, LG97, Lee13b, LR12, LM15, LD16, LB15, Mac98, MAB07, MB13, MMN00. Two [MEF09, NH12, NS06, NCV06, PV08, PNP13, QS14, RRR03, RRR05, RT01, RR98, RO12, SSW12, Sha12, SY10a, SY14, SM94, SSJB17, SO09, TC99, TT13, VC00, VBT99, VMG09, WS07, WKK04, WDE+99, WL11, WMC12, WB12, WWM03, WMSG09, WCHZ14, WGF08, XBC96, Xu94, Yam02, YTL11, YYS16, Yu01, ZzSpH14, Cai93, CSS93a, EOD93, EG93, Elt96, LV94, SRCG93, SS93b]. Two- [MMN00, SS93b]. Two-Body [Kra09, Sha12, CSS93a]. Two-by-Two [BGL06a]. Two-Dimensional [ABC+16, BT06, BBKK97, CHR99, tÇA91, CC99, CST+13, D00, DF99, FCC10, GVP06, HR99c, J08, JP01, KL06, LL98a, Le 09, LP08, LB15, Mac98, MAB07, MB13, NS06, PNP13, RRR03, RO12, SM94, TC99, WXX14, WB12, WWM03, WCHZ14, XBC96, Yam02, Yu01, ZzSpH14, KT08, Elt96, SRCG93]. Two-Electron [KKK93]. Two-Fluid [EF05, LM15, MEF09]. Two-Grid [CJ05a, FL97, Fer98, Xu94, Atk94, VBT99]. Two-Layer [AK09, FV06, KP09b]. Two-Level [BC10, Bre99, CDG03, CGG07, CGL01, DS00, EPV94, Fai03, HRR16, HhvR03, KKV13, KKP14, WWM03, NCV06, Cai93]. Two-Parameter [GGK07]. Two-Phase [AHR12, BCT05, BH11, CL97, CDB13, FL08, KS15b, LdMV12, LR12, QS14, SY10a, SY14, SO09, WGF08, YYS16, LV94]. Two-Point [BM01b, LG97, VC00]. Two-Regime [FCZE14]. Two-Scale [CV15, SSW12, SSJB17, VMG09, CV12]. Two-Sided [BB15b]. Two-Sphere [WL11]. Two-Stage [LD16]. Two-Step [Bar99, HLZ13, KW15]. Two-Stream [GV16]. Two-Term [FN94]. Two-Way [KCZ15]. Type [AILP07, CZ10, CMM95, DW97a, DLY14, EL01, G009, GW00, Gur04, HS06d, Hoc01, HXB11, HLM16, JW05, KQW04, Kus97, LD16, Lu95, MK00, MR01, PE00, Q03, RG98, TS11, TLT12, WWY11, YP98, Zha97, ZZYZ14, ZXY14, AO93, DSC05, MV00, MC05, NvdP00, Tan93]. Types [GYZ11].

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Unsteady [BBKK97, GHTW00, GP96, HR99a, JVG12, TY00, TVV11, WMI09, Wu99, MMPR93].
Unstructured [ABBM98a, ABBM98b, AHS05, BKS13, BL05, CGZ99, EZ11, EHL09, FEM08, GH99, JVG12, TY00, TVV11, WMI09, Wu99, AMPR93].
Unsymmetric [GBDD10, HK00, HvdG96, Nik00].
Update [HCRT13, vNLB04, Anj93].
Updates [BDdSM11, BBM11, MHL15, PW15, PXYY16].
Updates [AB16b, ZS99].
Upper [KM97, HH13].
Uppering [LQX14].
Upscaling [lCCVEKV17, EIL09, KL16].
Upwind [CPR11, KNP01, KPP07, KP09b, LE10, Tor05, VS03].
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Upwinding [CKV99].
Urine [LL02].
Use [AABM13, Cai95, CFSZ08, Che13, CWG10, DNP15, DGK16, JFG15, JvGVS13, Man99, OT09, RZ03, SO15, ZLLT13, HO93].
Used [NNH99].
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Using [OST11, OKLS15, PDH09, PP05, PRM09, PB1TB15, QS14, QS05a, QS05b, Ravo2, RKL07, Ros05b, RSHK11, Sch02, SZ00, SMR16, SAY03, Str99, SSH06, TBKF14, Til15, Van00, VSS14, VS17, VR16, WZ08a, WS95, WE13, WSZ14, WB00, WM15+07, WkZ15, WT01, XKWY08, YCZ13, YG15, YB09, dSKG15, AMB+04, BS05e, Car93, CHX15, CJ99, DS96, DMD+12, FGM95, HBS00, Joe93, LMSS97, MS93a, MHS98, Nat95, Nat97, Pet93, RNR16, She94, She95, YSX17, dBMZ11].
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Valuation [CF07, HY08, Mar03, Toi08].
Value [ABLS05, AA00, AFF15, AP97, AS94, BK06, BM01b, Bet08, BF95, BIYS00, BKS98, CGAD95, Cas05, CD01, CV94, CGHT14, Der08, Drm97, DK03, EM96, EM99, EN08, FS02, For06, GG13, Gu15, HM14, IM97, Im99, LV07, LG97, LWZ13, LK98, MS07d, Nit99, OS98, PL03, Pat97, PRSS11, SBS98, SW16, Ste99, VC00, VV05, VVM12, VK13, YR98, BD93, BZ03, Rán93].
Values [LR10, VSS14].
Vanellace [JP01, LJJ09].
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Vanishing [HXB13, XZB11].
Variable [AdVC00, BRR99, BPR16, Bör07, BB02, Cas05, CP13, CLAT10, CLST03, FGMP13, FGMP14a, FGMP14b, GX16a, GM14a, GO09, HS97, Jia14, JL05b, JR98, KP09a, KG14, KW10a, NH14, SWX16, ZZK15, CSS93a].
Variable-Order [CLAT10, ZZK15].
Variable-Rank [Bör07].
variable-step [CSS93a].
Variable-Stepsize [BLR99, KW10a].
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Varyably [Sta00].
Variance [FP14, FB95, ZS04].
Variant [BDJ05, HZ10, NO98, YC99, CGS+94].
Variants [AR99, CGL+12, CMS94, CC02].
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Variation-Based [CGM99, CMM00, CC03, CLNZ16, DF03, GY05, GY09, MF06, VO96, WBA09, ZWZ+13, NWY10, OT11, PW15, PH16, RO15a, SDNL10, SM15, XCL13, YC09, ZUZ4, ZF14].

Variational [AEFM17, Ami94, BBSW16, BGN07, BGR16, DMN08, GLS08, GS12, HW03, HLP08, Hua05, HMCK04, JK05, KLT06, KR00, KZ16, LSC11, LeIC13b, LB07, LB08, Mar03, Obe13, PYY11, Pul08, RLG98, RL13, Sch13, SVX15, de99].

Various [Hof04, HHL07].

Varying [BLMR02, DD12, KKV13, TW05].

Vascular [NV08].

Vector [AKA13b, BS05d, BCS11, BZ12, BS15b, BRZ14, BBR08, CHe16, CP95, DO15, DKGS15, DGB15a, DGB15b, DCP11, FMVT16, FF05, GS14, KY05, Kor93, KHW+14, KV13, KQW04, MDM15, RW01, UA04, WH09, YHS07, YB09, ZGA10, Heg95, LMSSS97]. Vector-Kronecker [DO15].

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Velocity-Stress [GP99].

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Virtual-GRAPE [NKTY08].

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Volume [AGL10, AH06, AW11, AS05, AD06, BSW09, BMM98, BCF12, BS06a, BRBT12, CH09a, CLP08, CZ10, CHK13, CK15, Che05, CH11, DRFNP07, DFN12, EKSS16, EIL01, FM11, FCM12, FEM08, GW15, GHS+09, HA01, KP12b, KW10b, Kye12, LdMV12, LOL13, LO14, L016, L018, LS13, LMMW04, MMZ03, MB13, M4S02, MSV00, OSU10, PL06, Pet01, QS06b, Rah00, SYU09, SC02, Tor05, Ush01, ZJC12, ZLS12].

Volume-of-Fluid [LL08].

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