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Title word cross-reference

(1 + 1) [HPA14a], (k) [NS11a], 0 [MVCFM13]. 1
[BGR11, BCL13, DK14, FNGV14, GMi0a, HvB11, MMR12, MZB12,
MMT14, MHGNM12, MGN14b, Ols12, RCQL11, UJ11, ZMD+11, vTCL+10].
1 + 1 [DBAV14]. 100 [YM14]. 12 [KM14b]. 2
[AW14, AH10b, BBAP14, BCL14, BSS11, BHM14, BLY10, CK11, Cha14,
CL11a, CLAL14, Del11, DFD14, DCL11, GW13b, GC11, GHM14, HBM13,
HLW13, Hu13, JMGM13, KBS14, LVFK14, LT12, LS13d, MAPP13, MMR12,
MDTC13, MHGN14, MV13, MBGW13, MLGN12, Ols12, SY12a, SCH13b,
SM12c, SAA14, TR14, TGTT13, UWB12, WR11, YCY11, Zha10a, ZOWZ10].
2.5 [KL12a, MBMV13]. 3
[AST13, ABMT14, BLM+14, BWC11, BS14a, BGHM13, BLJ11, BD14b,
CP14, CCW12, CC12, CH14, CGF+13, DDL13, FB14, FW12, FCG10,
FGLB14, GW13b,Ge10, GCZ13, GMC13, GD10, GL12a, GLC+11, GKS+11,
HRT11, HLYS11, JM10, KV12, KKS13, LH10a, LP13a, LTS10, LEH12,
LLP14, LMBB11, LDA10, LL10b, LZZR10, MMM11, MVCFM13, MF13,


1 [FNGV14, RS13b, SG12a]. 1A [XDZ+14].


5th [Ler14].

6th [Boe11].
7th [Ler14]. 7th-order [Ler14].

9347-9372 [NHT+13].

ab-initio [SD14a]. Absorbing
[ALS+14, HGRB14, SG10b, SG10a, ZW10b, AMP14, BDT10, GD10, MBL+14, RVbZ10, RCCC14, SG12a, SG12b, XS13, ZT13a, BGT10].

absorption [Den11b, FJ12, SCS14]. AC [HDD14, KBSV14]. accelerate [Yao14]. Accelerated [Hut14, KG12b, SCGE13, VDP11, VBSK10, WP14, BD14a, FTf14, GK13, GLC+11, GD13, IFD+12, KSP13, MdBVS13, NVS13, PPB14, QA11, RCQL11, RBCK10, SBB13, STC10b, Tak14, WK13b, Fat10]. Accelerating [JLS+14, KSS14, NS14a, ZVNM10, ARR13, SS13a].

Accrued [Hut14, KG12b, SCGE13, VDP11, VBSK10, WP14, BD14a, FTf14, GK13, GLC+11, GD13, IFD+12, KSP13, MdBVS13, NVS13, PPB14, QA11, RCQL11, RBCK10, SBB13, STC10b, Tak14, WK13b, Fat10]. Acceleration [KSPP10, YMD14, ESMH14, FWP13, FLWP14, HNN10, PMMB14, TR14, WPK14, YXD+14, WTK14].

ab-initio [SD14a]. Accuracies [XL11]. Accuracy
[DB13, JCT11, LCT14, MZ11d, SK12a, BK11, BS14a, BSS14, BKV12, CFKL11, CJ+14, CBGK13, CR14, DMP14, GHS13, GH10, GWCA14, HZ14, Ide12, KS11b, KG11, K13b, LB12, LP14a, LT11b, LS13d, MB10a, Nic10, SRSV11, Wal13, YWW14, PW14].

Accurate [BR12a, CF11b, GSR14, LL12a, MC12, MJ13a, MG14b, SG12a, SG12b, SCC14, ZYWH13, AN13, BDA12, Boy11, BEl12b, CY12, DCL11, DKC14, DV14, GM12a, GM10b, GH11b, GL12b, GV13, HOK10, HK11, HF10, KS13a, Le14b, Lec13, LKLG14, LDWF12, LT10b, LN10b, LL10, MF14, MB12, MCA+13, MH10, ML13, MB10b, NMZC13, NDBG14, NPV14, NT14, Per13, RE13, RWJG11, RMD14, SHMS13, Sco12, Shu14, SBB10, Son11, SdAW14, WBC13, WYT14, XX14, YS13, ZK14, ZF14]. Accurately [Liu11a]. ACE [VBSK10]. acetylcholinesterase [Ham10]. achieve [VSK10].

acid [EHA14]. Acoustic
[Lee12b, WdHX10, AH13a, CLG13, CVI+13, FT11, FvdB12, GB14, GH11a, HVD13, HW10, KGG10, KNR11, LS13d, LM14b, MKB+12, SM11b, WSBG10].

acoustics [MBD13, NPC11a]. acquired [PMM+11]. across [GGH14].

action [Wan11a, Wan13a]. activation [RJC13]. active
[ASGW11, MdVBS13]. Ad [Ato12-32, BL10, LB10]. adaptation
[ABD14, BDA12, CXLC12, Dfi11, FL11a, HK110, KF13a, KK10b, LH10c, LDA10, MM10, MVG+12, TG14b, YD12]. adapted [DO11b, HBR10].

Adapting [KSB12, EAN11]. adaption [CSB14]. Adaptive
[AHOT14, ABK13, BDLoV14, BCK11, BUH11, BS11b, CMG+13, CJN+13, DO11a, DMMGM14, HJ11, HZ11a, HAA14, KMHJ10, LCT13, Le14b, LLYE12a, MAPP13, MMD+11, RVS14, SR13b, SQ11, SY1L12, SK12b, TvdHS+12, WGI11, YCLK12, YLM+14, ZHS10, AL10, AS14, Atz10, BHL12a, BDP13, BBGP13, BK12b, BDLC13, BBPC14, CN12, CN13, CL10, CNR10, CGG12, CF10, CXZ10, CY14, CEL14, CRK14, Con11, DMHL14, DDF14, DV13b, DZH13, EQYF13, ETW10, FHL10, Fuj11, GG10,
GM14a, HLT10a, HHL11, HG11, HLDP14, HHHK13, HB13, HL12b, HWA10, Hu13, ID10, IDNG13, IG14, JU10, JAX11, JLY10, JHF10, JLC14, JK10, JG13, KVM12, KWSJ11, KMvM+12, KA12, KG14, KSD12, KL12b, KL12c, LSM14, Lap11, LBT11, LHY13, LZ13, LLZ14, LX14, LN10c, MZ10, MS14b, MZ11c, Min13, MTG11, MG14b, MN14]. \textit{adaptive} [MIKG12, MNL+13, MJ13b, MBGW13, Mur10, OS12, PZW14, PZG14, PHRG13, PMM+11, PRA13, PGLK14, PB13b, PWB+14, Phil14, PHSA14, Qua11, RSS12, RE13, RX11, RXLS14, RPA13, RS10b, SHHM10, SSB+12, SFWP10, SWR11, SD14c, TE14, TA12, TDVG13, TAAY14, TBR13, UKP14, VRB10, Wan11a, Wan10, WR11, WS11, YLW10, YJK12, ZMQ13, ZN14a, ZN14b, ZDSP11, VV13, NT14]. \textit{adaptive-resolution} [RSS12]. Adaptively [XZWW12]. \textit{Adaptivity} [CHZ13b, AM12, DH10, DFVY14, DBM+12, GBB+13]. \textit{added} [LJG14]. \	extit{added-mass} [LJG14]. \	extit{addition} [Far11]. \textit{additive} [HJZ14, HWHW10]. \	extit{ADE} [FL13]. \textit{ADER} [BD14b, BBD14, BMD+13, BK14b, CTJT13, DZHB13, MMT14, MT14a, NF12, Nor13, Nor14]. \textit{ADER-DT} [Nor14]. \textit{ADER-Taylor} [NF12]. \textit{ADER-WENO} [DZHB13]. \textit{ADI} [BdF10, FF12, KAA12, SY11c, SN13b, ZFH14, Zh14]. \textit{adiabatic} [BKH12]. \textit{Adjoint} [CJNS12, HHL11, HLSO13, IWG13, KJC13, SR13d, ZPGO10, AS14, BSCLM13, BW14, DRB14, GHM13, SBS11, SM10, VS14, Wan13b, YDN10, dPS12]. \textit{Adjoint-based} [HHL11, IWG13, VS14, YDN10]. \textit{adjustable} [DGAH10]. \textit{adjustable-damping} [DGAH10]. \textit{adjusting} [Bal12a]. \textit{admits} [ZA14]. \textit{adsorption} [FCH13]. \textit{Advanced} [SJB11]. \textit{Advances} [LMLC12]. \textit{advancing} [RSD10]. \textit{Advection} [Dai13, AV13, Ald10, BR14, CD13b, DF10a, HAQ12, JW11, JZ13, KKAS12, KLMIJ12, KWR14, KJWR14, LN10a, LGP10, LSV10, MKGV12, MMP11, MMA11, MA13, MT14a, NRS10, Nis10, Nis14b, QS11a, RSS12, Sou14, TLG10, WYS12, WYS12b, WC13, ZOL+11, vdVR12a, vdVR12b]. \textit{advection-diffusion} [KKAS12, LN10a, LSV10, MKGV12, Nis14b, RSS12, WC13]. \textit{advection-diffusion-reaction} [JZ13, MT14a]. \textit{advection-dispersion} [CD13b, JW11, MMP11]. \textit{advection-dominatted} [TLG10]. \textit{advection-electrodiffusion} [LGP10]. \textit{advection-propagation} [Ald10]. \textit{advective} [LDE+13, SM12a, SM12b, VTTK13]. \textit{advective-reactive} [VTTK13]. \textit{AEGIS} [ZKV10]. \textit{aero} [Whi10]. \textit{aero-optics} [Whi10]. \textit{aeroacoustics} [CR14, Fal13, KKS13, SK13, XS11, LLH10]. \textit{aerodynamic} [KWS+11, Lan14, LH10b, RMG11, ZPGO10]. \textit{aeroelasticity} [DYYA14]. \textit{affinity} [JJM13]. \textit{Affordable} [MT13]. \textit{after} [GSTB13]. \textit{against} [GMXG14, OAXL13]. \textit{agent} [JJM13]. \textit{Agglomeration} [Lan14, BBC+12]. \textit{aggregate} [BRS13]. \textit{aggregation} [OS11a]. \textit{air} [BCD14, CKS14, KED+12, Nag14a, Nag14b]. \textit{air-water} [BCD14]. \textit{air/water} [CKS14]. \textit{aircraft} [JWNL11]. \textit{airfoil} [BB11, DYYA14, JM12]. \textit{al} [Dad12]. \textit{ALADINS} [VV13]. \textit{ALDM} [HAD10]. \textit{ALE} [BK+11, FL14, GMB10, JLZ13, KPH13, KGSS10, LMQ+11, MSB14].
SY14b, VK14, WK14, WC14b. ALE-based [LMQ+11]. ALE-DGSEM [WK14]. Algebraic
[Gui12, WHT14, CK11, GW10, SSG11, SX14, TCW+10, XIC11, Yao14, VV13].
Algebraically [KBSV14]. Algorithm [YK12, ARR13, AGBC14, ADMA13, AW14, AT13b, BK12a, BFR13, BHS13, BHS14a, BHS14b, BWC11, BILM14, BBAP14, BAG12, BKW10, BP10, CCB13, CdCNH14, CB12, CY12, Cha14, CCR14, CCB11, CCB12, CC13, CC12, Dad12, DBO+10, Don14a, Don14b, DFW+10, EWH14, FHL10, GMT10, Gen11, GL13, GV13, GVH14, GJ14b, HAMA14, HSK+15, HS13b, HLZ13, HF10, HWHW10, IFD+12, Ian11, JNSA12, JTH10, KM11, KM13, KSP10, KO12, KL14b, KS12, Le 14a, LKT+12, slwG10, LD12, LWD13a, LWD13b, LLP14, LG14, LXR12, LBZ+10, LX13b, LvZB10, LTL11, MGZ10, MW12, MMM13, MCJ14, Men12, MBL10, Met11, MDM+12, MW14a, MWY14, NS11a, Nic10, NS14b, OM12, PWZ14, PG14, PVT10, PCL11, PE10, PT12, RCW11, RKM11, RH13, RBNS13, RS13a, SBT14, SN10, SM12a, SNBN13, SSHT14, SAHS14].
algorithm [ST13, Sly10, SX14, SC10, SFW10, SK10, SR13, SYE10, TM11, TRSM+13, TY11b, TR12, TR12, Ty14, VDD10b, VRBZ11, WFL10, WBC13, XIC12, XCY11, YCY11, Zad11, ZLJ+14, ZL13, ZWH+12, vdVR12a, vdVR12b, FT11]. Algorithmic [Nor13]. Algorithms [DR11, AKP+12, BHB10, CWL13, CW13, CJS12, CHZ13a, CHHL11, CBTR13, Del14, DR14, DAEB13, ES13b, Gio10, GCW14, GKS+11, HBI3, JEU11, JGZL14, KN14, KIG11, LGE+13, LWS14, MPW13, NS11b, NPV14, PP14, SMP+13, SSR+13, TvdHS+12, Tyg10]. alignments [SHFB12].
analogue [WW11, WD14]. alternative [Boo11, SPM+13]. aluminium [BGK12]. Ambipolar [PMS11, PvDGvM11]. amino [EHA14]. amino-acid [EHA14]. Ampère [BCW13, BFO14, CCZ14a, CSC14, FO11, ZPF10]. amplitudes [LQ11]. AMR [CNSFDI3, CN10, MV13, SRN10]. analogs [Ber14]. analogy [Cam13]. Analysis [Del10, DBHBB13, HsCNT12, KkvZB14, KG14, LH14a, LSM11, Man12, PGL11, PB13a, SS12, SRS1V11, SSFM12, SK10, TPA+13, XS13, YBK13, ABKF11, APY14, APV14, BHS14a, BHS14b, BAI0, BAY+13, BLA+14, BW14, BB12h, BP13a, BRSS11, CWS13, CTG12, CM13, DR14, DWL10, Den11b, Don10, DLZ13, DB12, DEKBF14, EHA14, EC13, GB14, GLSC12, GLS11, GV14, GZQ13, Ham10, HPS13, HBAP10, HLSO13, Hig13, HT12, IH13, IWH13, KWKIR14, KJC13, KGG10, KWDH12, LSK11, LCK11, L13a, LD14, LDE+13, LKS11, MZ11a, MS10a, MS14b, MZ11d, PGLK14, PVDW14, QSz11b, RVvZ10, RB10, Rot13, SK12a, SM12b, SHFB12, SSR+13, Son13, SLC+11, SG13, TNK10, TCL11, U11J, VS11, V CJ11, WXY10, WHB14, WJ13, WH11, WGI1, WL11, XMS12, XMDG13, XMDG14, ZKV10, vdVR12a, CRS12]. analysis-suitable
analytic [XL13, XMDG14]. Analytical [JR14, CC13, CJK10, DFD14, LVF14, LVF14, PBB14, XX13].
analytical-based [CSK10].
analyzing [HVD13].
anastomosis [GDY10].
anatomic [LS13a]. Anderson [WTK14].
aneurysm [GFK13].
angle [BS11b, DL10c, Gon12].
angular [BM10a].
animated [LS13a].
Anisotropic [MVG12, ABD14, AT13a, BWC11, BGH10, BDA12, CdC11H14, Cha14, CTH13, DFN12, EZ10, GH14, GW13b, HK110, JS13b, LH10b, LH10c, LD10, LHV13, MB12, MNP11, MTSG12, MN12, MBL14, OJ11, OK10, SSI11, SG10b, SG10a, SG12b, SH11, WBC13, WGD12, WG14, YD12, YN10, YB14, vK13d14]. Anisotropy [LLMY14, MB13b, RR14, SG12a, SG12b, SRSV11]. anisotropy-free [RR14].
annihilation [SR13a].
anomalous [AP13, AN13a].
anomalies [BD14c, OAXL13].
applicability [HGSK13]. applicable [Sen13].
Applying [KS11c].
Application [AC11, Ball10, Bal12b, Ball14, BL10, BV13, BDKV14, BJ12, CFW13, CTO14, CRT10, CTK12, Del10, DOR10, DG12, EWH14, FH11, FY13, GVV13, KKC13, Lan14, LVS14, LSI11, LL10b, NG14, NDBG14, NKF14, NYS13, SK12a, SLH12, SLS11, S10, TDI14, WB11, VX13, YS12b, ZHL12, ZCCM11, FR13].
approach [AA10, BLOdV14, BDKV14, BJ12, CFW13, CRT10, CG13b, Del10, DOR10, DG12, EWH14, FH11, FY13, GVV13, KKC13, Lan14, LVF14, LSI11, LL10b, NGL14, NDBG14, NKF14, NYS13, SK12a, Stu10, TDI12b, VIF13, VG14, WR11, ZHW10].
Approach [TK12, TK15, AC13, ABL11, ABMT12, ACB13, BDL11, BFR13, BW13, BPS14, BR11, BCL14, BCL11, Boo11, CG13, CMS10a, CGG12, CP14, CHKT13, CPX13, CW14a, CRK14, CST10, CR12, Don14b, DL10b, EBG13, ET10, FM13, FLMI2, FMT11b, GLP14, GPCE13, GCE14, GZQ13, GYQ13, HD13, HMHO13, IAM12, JER10, JYHT10, KKL10, KBD12, KKV14, KMA13, Leu11, PF11, LM13, LHPH11, LGH10b, MB13a, MCD14a, MVS13, MP13, M13, MKB13, MLBK14, MN14, NT14, Nis10, OK14, OLP14, PRG13, PGL10, PRA13, PHD14, PB13b, dLPC10, QA11, RUL13, RX11, RKG14,
Asynchronous [DA14, MK14a, OK12, SK13, Unf13]. atmosphere [IBO14]. atmospheres [FMM+10]. Atmospheric [HMOH11, CP13b, KED+12, KL12a, KG12a, KG14, KSD12, LA10, NMZC13, NMCZ14, NNS11, OBNN13, OBNN14, SSW13, SKW14, Ste14, UJ12, YMLM+14]. atom [MMM11].

atomic [KJC13, MPPP12b, MPPP12a, RJC13]. Atomistic [GWK10, BLR13a, Gri12b, KMHJ10, ZJT10]. Augmented [Ion13, MGN12a, SKCC10, SP14b, VSC+11, BHK+10, BV14, LDM14, NRS10].


avalanches [FNGV14]. averaged [AH14, SH14, YK12]. averages [Gil13, KSS14].


Axisymmetric [BLA+14, MA14, AW14, CMS10a, CRT10, DFD14, FGLB14, HKL14, HHL14, SSB13, ZKV10, ZGSZ10]. azimuthal [BdCB11].


Baer [FP12, PZTW12, TT10]. bag [CB13]. balance [BKW10, CLS13]. balanced [BF12, CF10, DLGP13, DLM13b, DLM13c, FMT11a, FMM+10, KM14a, LGLX14, MW14a, MPT13, MGN14b, TR12, WYS+11, Xin14, Yok14, DMMGM14]. balanced-force [MW14a]. band [And13, BG10, BS14b, LDM14]. band-limited [BS14b]. Bandgap [MNF+10, HCH+10]. bands [BSS11]. bar [JXD14, RG12]. barrier [RJC13, Tok10]. base [MRS14b, VMS12]. Based [ABH+14, ARR11, ARR13, AL10, AHOT14, AS12, BK12a, BCZ13, BD10a, BOD11, BBC+12, BM14, BWC13, BMK11, BMK12, BA10, BN14a, BERB+12, BYCC14, BHK+10, BS11b, BRSS11, BRS13, BRP14, BBD14, BGBR12, BDKV14, BCW13, CCKCG10, CNR11, CDF11, CK10, CM14, CXZ10, CP10, CBW10, CLZ12, CCL+14, CLSX14, CY14, CHHS11, CGMQ14, CGS13, CKR14, CSDK10, CDS13, Cou11, Dad12, DV13b, DLM13b, Del11, DCL11, Den11a, DP12, DFD14, DFR12, DS11, DCL11, DLM13b, EH14, EL11, FZG12, FGR12, FL13, FH11, FL11a, GDHM11, GC11, GG14, GL13, GKG+13, GGB+13, GBS+14, GCL13, GHM13, GTSC14, GZQ13, HHS+13, HPS13, HHL11, HBAP10, HK14, HHC14, HMM+10, HLSO13, HHK13, HH12b, HH13, HLZ14, HM13, HKL10, HMOH11, IAM+12, ISZ12, IWS13, ITO+10, JMJ13, JTH10, JSX10, JWHY10]. based [KS11a, KS13a, KIF+14, KKO13, KO12, LEM11, LG13, LQ10a, LLZ11, sLwG10, LLX11b, LJJ13a, LLZ14, LXR12, LT11b, LSVW10, LS13d, LMB14, LMQ+11, LMS+10, LLI12b, LL14b, LXL+12, LXS+13, MDTC13, MS14a, MT13, MSD12, MYMI12, MB13, MÖN13, MF13, MMJ14, MG10a, NTV14,
BlueGene [ARF12]. BlueGene/P [ARF12]. bluff [RBCK10]. blunt [NHE14]. Board
[Ao12f, Ao12g, Ao10b, Ao10c, Ao10d, Ao10e, Ao10f,
Ao10g, Ao10h, Ao10i, Ao10j, Ao10k, Ao10l, Ao10m, Ao10n, Ao10o,
Ao10p, Ao10q, Ao10r, Ao10s, Ao10t, Ao10u, Ao10v, Ao10w,
Ao10x, Ao10y, Ao11c, Ao11d, Ao11e, Ao11f, Ao11g, Ao11h, Ao11i,
Ao11j, Ao11k, Ao11l, Ao11m, Ao11n, Ao11o, Ao11p, Ao11q,
Ao11r, Ao11s, Ao11t, Ao11u, Ao11v, Ao11w, Ao11x, Ao11y,
Ao11z, Ao12b, Ao12c, Ao12d, Ao12e, Ao12f, Ao12g, Ao12h, Ao12i,
Ao12j, Ao12k, Ao12l, Ao12m, Ao12n, Ao13, Ao13j, Ao13k, Ao13l, Ao14-34].

bodies [BHS13, BBGP13, BD12, BM11, De 10, MCA+13, Mel11]. body
[BGZ12, CDSP13, HSWZ13, HCS11, LKCY11, LY13a, MDM+12, PB13b,
RBCK10, SD14a, SCGE13, TPA+13, WYYK10, WY11, XHF13, YL11].

boiling [TSL+14]. Boltzmann
[FRP14, MVS13, AJ14, Bsdm12, CL10, CRS14, CLZ12, CHKT13, Cg11,
CL13, CSB14, CLAL14, DD12, Del13, Del14, FY13, Fsl10, Gh14, Gk13,
Gg14, GBb+13, Gra14, GWCA14, HE14, HG11, HvB11, Hw14a, Hhl14,
HW14b, HCM10, IF10, Jnsa12, JYHT10, Kh13, KMA13, LMLC12, LRT13,
L10a, LMK13, LP14a, LZC+13, LZV12, LVZK14, MD13, MM12, MB10a,
MS10b, MS11, MS14a, Mel11, MZ11d, MZ14, ML11b, MTG11, Mm11, Mvg11,
MHGM14, NSA11, PPB14, Pri14, RK14, RLJ14, RJG10, SMP+13, SHFB12,
SSC13, SSX13, SS14a, TLZ+11, TRL14, VS11, VMS11, VMS12, VS14, VM10,
WK10, WZG+13, WZT+14, WC11, WS10c, WS11, WWS+13a, Xie14a, XS13,
XM14, YY+14, YZ12, YN10, YN14, ZGSZ10, Zho14a, Zf14, vTCL+10].

Boltzmann-Immersed [FRP14]. bond [NWLS12]. bone [AKL+13, SR13b].
boom [AL10]. boosted [VGCMI11, YXD+14]. BOR [TD11a]. Borehole
[PPM+11]. Boris [TAAY14]. Bose
[AD14, BCW10, BCZ13, CCW11, CCC12, DH10, FT12, Jcc14, Lzzc14,
MTZ14, S13, Wan11b, Wan14, WC14a]. boson [BD11a]. bounce [YZ12].
bounce-back [YZ12]. bound [AM12, MB13b, VKL+13]. boundaries
[BWC13, BUH11, CN10, GPY14, Gr13, GT11, JKR14, MGLS12, MK12,
MHGN14, NS14b, Ss10a, UGF14, YS11a, Ys11b, Zn14a]. Boundary
[ABH+14, BB12a, BGH10, CF11a, CEK14, CTG12, CG12, FCYF11, FCY13,
LM13, MK12, SVK14, WY11, ABD14, AV10, AHA12, AMP14, ASTM13,
ALS+14, ADSF13, AKMD14, BF14, BN11, BN13, BN14a, BS10a, BR10b,
BS10, Bre12b, BHY14, CK14, CCFCM11, CT10, CT13, CHC11, CFK11,
CB10, CLS10, CVI+13, CGC+12, CCG11, DDF14, DK14, DP12, Don14b,
DKC14, Du11b, DGF14, DWZ10, EO11, ES13a, FDHP11, FL14, FY13,
FCN+13, hGzShZ12, GCA13, GW11, Gen13, GK13, GHM14, GGH14, GS11b,
GH10, HPA14a, HZ11a, HKM12, HG11, Hlw13, HL12b, Hdd14, HF11,
Hdpf11, HKL14, HS11, HCS12, HW14a, HF10, IF10, JYHT10, JMW12,
JC10, Jct11, JLC14, JM10, Kau10, KS11c, KSR+14, KF12, KJ11, KT14,

Capacitance \[ HP13 \]. capillaries \[ SHFB12 \]. capillary \[ MSB14 \]. capsules \[ HCS12, LT10a, LW11 \]. capture \[ DvW14 \].
capturing \[ BD10a, BCG +12, Coo13, IST +12, IXX14, JH12, LZZR10, Mar10b, OD13, RWX11, SPF10, Shn14, Xu11, YKWS13a, YKWS13b, ZJL +14 \]. Caputo \[ hGzSwZ14 \].
cardiac \[ ABK12, ABK13, CYK +14, KVC +13, MNKS13 \]. cardinal \[ Boy11 \]. cardiovascular \[ BDM13, MVCFM13 \]. Carle \[ XX12 \]. Carle/deterministic \[ BDL11 \].
Cartesian \[ WYC13, GITW12, TD12a, BCL14, BCM +11, CCC13, CR13, CCG11, D’y14, EQYF13, GIMT14, KWSJ11, KSR +14, LKTL10, MMR12, MBLM10, MTG11, MG14b, PHRG13, PMSH10, PB13b, SKU13, SY14a, SC11, UKP14, VBS10, WY10, WY11, XFC +14, ZN14a, ZN14b \]. Cartesian-based \[ UKP14 \]. Cartesian-grid \[ WY11 \]. Cartesian-grids \[ WY10 \].
casting \[ CNR11 \]. catching \[ JXD14 \]. catching-up \[ JXD14 \]. Catmull \[ LW11 \]. Cattaneo \[ GMA10 \]. causal \[ AllNT14, Til11, AAT +14 \]. Causal-Path \[ AAT +14 \]. cavitation \[ PS14a, PS15 \]. cavities \[ Du11b, MBMV13 \]. cavity \[ CLAL14, Du11a, DSZ13, LW13a, MAPP13, PPS12, RTS13, TRSMM +13 \].
CC \[ Sen13 \]. CDG \[ LGLX14 \]. CDG-\textit{FE} \[ LGLX14 \]. CE \[ CWL10 \]. CE/\textit{SE} \[ CWL10 \]. Cell \[ AW14, HCS +10, ADMA13, BILM14, CCB13, CY12, CBB11, CBB12, CC13, CCMG +13, CCL +14, CS10, CTJT13, CDLL12, CWZ +11, DTG +14, DOR10, DL12, DGAH10, DWZ10, FE11, Fuj11, GMB10, GHP13, GH12b, HT14, HLZ14, KGKS13, KD10, KHRDL14, KJ +13, KSB14, Lap11, LY13a, Li12, MB12, MAB +13, ML11a, MTB10, MT10, MKB +13, PJC14, SS13, SHMS13, SF14, Son11, SD14c, VR14, WAM14, WY10, ZY10, ZL, DD +10, DC13, ILM +13, MHL +14, RCW11 \]. Cell-centered \[ AW14, CY12, CS10, CDLL12, DL12, FE11, GMB10, GH12b, KD10, MB12, MAB +13, MTB10, MT10, MKB +13, PJC14, SS13 \]. Cell-level \[ HCS +10 \].
cell-local \[ WAM14 \]. cells \[ BHS14a, DFD14, EBGW13, Hcl11a, KBSV14, Mac10, ZIOF10 \]. CENO \[ IG14 \]. center \[ LP12a, Men12, WP10 \]. center-difference \[ WP10 \].
centered \[ AW14, CY12, CS10, CDLL12, CG13b, DL12, FE11, GMB10, GH12b, HPOM10, KD10, MB12, MAB +13, MTB10, MT10, MKB +13, PJC14, PLN11, SS13 \]. centered-difference \[ HPOM10 \]. Central \[ LXY11, CLQX13, HWA10, IG14, LX12, LZZS13, RHQ14, SID13, TK12, WW11 \].
central-upwind \cite{HWA10}. centred \cite{AGBC14, AST12}. centres \cite{DO11a}. certain \cite{GPS10, Vai11}. CESE \cite{BYCC14, QY12, RCQ11}. CFD \cite{AQ11, EH15, XS15, ADT14, EH14, KS11a, KS11b, MT13, XDZ14}. CFD-DEM \cite{ADT14}. CFL \cite{CCGP13, TD11b, XCL14}. Chain \cite{LC13, RMMD14, GW13a}. Chain-Rule \cite{GW13a}. chains \cite{KSS14, LHK12}. challenges \cite{KYP14}. Chandrasekhar \cite{Tan11}. change \cite{AHOT14, DMHL14, HK13, HW14a, LYD10, SN13a}. changed \cite{SKCC10}. changes \cite{BLM11, NW10}. Channel \cite{VT13, BPQO13, LTC14, OAK11, VKBK11}. channeling \cite{SBS13}. channels \cite{MGN14b}. chaos \cite{AGS10, BS11b, GvdSVK10, KL14a, LBR14, PHD14, PGLK14, RWX11, RLPM12, TG14b, BW14, CSK13}. chaotic \cite{Wan13b, WHB14}. characteristic \cite{BDKV14, HKM12, LL14a, MBD13, PC13, SGL14}. characteristic-based \cite{MBD13}. Characteristics \cite{CBCM11, KS11a, Tal13}. Characterization \cite{JAX11}. characterizations \cite{BCZ13}. characterized \cite{KG13a}. Characterizing \cite{KIG11}. charge \cite{CCB13, CCB11, CC13, DXB13, KHRD11, LHPH11, TAAY14}. charge-conservative \cite{LHPH11}. charge-conserving \cite{CCB11, KHRD11}. charged \cite{LTC13, Zoh13}. Chebyshev \cite{AV13, And10, BDLGC13, BY11, DAEB13, DBHBB13, HP13, HBZL14, LR11, LTSH10, LB14, MSD12, TDL10, Zho10, ZCS14}. Chebyshev-filtered \cite{ZCS14}. checkerboards \cite{Hel11b}. chemical \cite{DR11, ERS14, JU10, KF13b, LRS10, Nag14a, Nag14b, NS14a, PPWZ11, Pud11, YR13}. chemically \cite{KSR14, LI14, SRN10}. chemistry \cite{MMSI13, RXLS14, YYB12, ZDSP11}. Cherenkov \cite{GV14}. Choice \cite{SF12, WC11}. Chow \cite{ZZB14}. Christov \cite{BX12}. CIP \cite{FS10b}. circuits \cite{Cam13, OBTC13}. circulant \cite{LS13b}. Circular \cite{YSW13}. circulation \cite{BDTW10, MCJ14}. clamped \cite{LHM14}. Clark \cite{LW11}. class \cite{ADBI4, BJLR14, BDMV11, CCLS10, CP13b, FJ10, hGzS13, HDHZ13, JY11, LZZS13, Mar10b, NL10, PA14, QL11, RT14, SRL11, Tok11b, ZWL12a, ZWL12b, ZMD11}. classes \cite{GPS10}. Classical \cite{MTSG12, NVS13, RS13b, RS14b}. cleaning \cite{TP12, YAL11}. clearance \cite{Mit13}. climate \cite{DMP14, JWN11, OMC014}. cloaking \cite{LHY13}. cloaks \cite{FGEI11, LHY12}. Closest \cite{MRR11}. closure \cite{BHS14c, RB13, VTTK13, WABI11}. closure-independent \cite{RB13}. closures \cite{AHOT14, FCF11, IAM12, MT13, Ols12}. cloud \cite{RWM11, Alm14}. CLSVOF \cite{KBB13, Yk13}. cluster \cite{KG13, KEGM10, KO12, RJC13}. clustering \cite{JMM13, Wit13}. clusters \cite{BGK12, GHH14, LBRA13, Ran11, Ran12a}. co \cite{CRG13, SL10}. co-located \cite{SL10}. co-volume \cite{CRG13}. Co5BOLD \cite{FSL12}. coagulation \cite{DRW11, WK13b, ZKK10, ZKKF10}. coalescence \cite{DLM13a, KBB13}. coalescence/breakup \cite{KBB13}. Coarse \cite{ALGB13, ZKK10, BdCB11, Ich13, KKPV12, LG14, PJCS14, PA14, SS13a, ZZK14}. Coarse-grained \cite{ALGB13, ZKK10, LG14, PA14, ZZK14}. 
PBdGP14, PHSA14, RF14a, SHCY13, SSM14, SM11b, SZ11, SJK11, SCC14, SY11c, SHZF12, UKP14, VBVD10, VS11, WYYYK10, XDZ'14, YZ12, ZN14a].


Compositional [PM14, DFVY14, MF10, MF13]. comprehensive [LRK11]. compressibility [AOCR12, Deg11, OAKR14, OA10, PPTMDK13, TM10].

Compressible [JSA14, AB11, BHS13, BOD11, BDKV14, CVN13, CP10, CS10, CS14a, CS14b, CRT10, CC14, CGC'+12, CGF'+13, Del11, Del10, DL12, DL10b, FG12, FL11a, GITW12, GMIT14, GVV13, GKF11, GF13, GCL13, GDGP11, GXS14, HLT10a, HHA14, HMHO13, HK11, HK13, HAS13, JKW11, JLB'10, JH12, KKP10, KSL10, KL10b, KG14, KK10c, KGK13, LMFH11, LG13, LHX11a, LZ13, LLN'+10, LXS'+13, MWP14, MS10a, MF14, MESV10, MDM'12, MJ13b, NMT'+12, NKF14, OL13, PZW14, PZG14, PC13, PL12, PR14b, QLW14, RMGM13, dCRCs10, RS10b, SM13, SZ10, SSHM10, SS10c, SPF10, Shu14, Shy10, SX14, SH1A12, SRL'+11, TS11, TBMH11, TT10, UKP14, VL14, WFK11, WWX'10, WS10b, WP10, XMS12, XS13, XW14, YCLK12, YSW'+13, YSW14, ZHW10, ZS10b, ZS11, ZS12, dPS12, vV12]. compression [HdCN12, Ju10, OPP13, OK10, RJG10]. Compressive [DvW14, ZDSP11]. Compton [DRL10]. Compton-scattering [DRL10].

Comput [CFCA13a, Dav15, HY11, LWD13a, NHT'+13, OBNN14, PS15, SS14b, TK15, XMDG14, YKWS13a, ZJS15]. computable [AM12].

Computation [BS14a, CCLV10, DTYY14, GCLS11, LJ13b, MPS'+14, MRS14b, RW13, AK10, BM13a, CJLC11, CB10, DV13a, DKW10, ES10, EAB'+12, ES14, FN10, Fuji11, GT12, Gen13, GH12, GP13, Gur14, KED'+12, LRS10, LL12a, LH10d, LHV13, MTD14, MLGN12, PBdGP14, PM14, RS13b, RS14b, Tan11, TVEC12, Wan13b, WC14b, XW14, ZD11a, ZKKF10]. Computationally [WG11, GL13, MJ13a]. computationally-efficient [GL13]. computations [AST13, BK12b, BX12, CRK12, CG13a, GP12b, GGG'+13, HLLW11, KS13a, LE11o, LHP12, LWD13a, LWD13b, LvZB10, OS11b, PB11, RX11, SS13a, SHCY13, SLT'+14, SFWP10, SCB10, YS11b, ZS14]. compute [CP14, GD14, LFW11, STD14]. computed [LTC13]. Computer [HVT12]. computers [HOK10]. Computing [Ber14, Gill13, LSM14, LD12, WJC13, AD14, AC11, BCW10, BD11a, BCZ13, BVT13, BM10a, CDS13, CF11b, CC12, CH14, DH10, Don11, FN14, FT12, GSTB13, GMM12, HF11, KST13,
Kol11, LKP14, Leu11, LLX11b, xLqW13, LTC14, MWP14, MP13, MTZ14, NHE14, PMMB14, SSB13, Wan11b, Wan14, WC14a, YL14a. **concentrated** [YM10]. **concepts** [BF13, ZPGO10]. **condensates** [AD14, BCW10, BCZ13, CCW11, DH10, FT12, JCC14, MTZ14, ST13, Wan11b, Wan14, WC14a]. **condensation** [CCC12, HSN13, LZZC14]. **condensed** [MFMI2, SNBN13]. **condensed-phase** [SNBN13]. **condition** [AV10, AHA12, Don14b, DK14, GS11b, HZ11a, JCT11, JLC14, Lee12a, MZ14, PBT14, RPV13, SSC13, SF12, TDL10, UGF14, VM10, Xu11, XCL14]. **Conditional** [YF11, Oli14, TBMH11]. **conditioned** [CBPS13, WZZ14]. **Conditions** [TD11b, AMP14, ALS+14, BDT10, BB13, BN11, BN14a, BHY14, CCGP13, CT10, CV1+13, CG12, CGC+12, DK14, Du11b, EC13, FY13, FCN+13, hGzSnZ12, GCA13, GHM13, HPA14a, HKM12, HG11, HF11, HDFP11, IF10, JM10, KSS14, KM110, LDD11, LF11, LV14, LMK13, LKTL10, LL14a, MFR11, MNR11, MLC14, MLBS14, Nic11, PGR10, PHTG13, PBB14, PL10, PRL10, PC13, PGA11, RzS13, SG10b, SG10a, SG12a, SG12b, She13, SR11, Stu10, SP11, TS10, hT10b, TE11, Vai11, Vai14, VW14b, YZ12, ZT13a, ZzS11, ZW10b, BGG10]. **conductance** [SHFB12]. **conducting** [KSR+14]. **conduction** [BD12, BDLGC13, Coo13, FAY+13, KK10a, LCK11, MM11, MTL13]. **conduction-radiation** [MSTL13]. **conductivities** [APRS14]. **conductivity** [BLM11, Hel11a, Hel11b]. **configurations** [KSB12, RARO13, VBVD10]. **confined** [Jar12, LVZK14, MLBS14]. **Confinement** [WCM+14, TTR+12]. **Conformal** [MNS13, BY11, CWZ+11, DZL13, PL10]. **conforming** [CRG13, EH13, KM13, KSR+14, NKT10]. **congestion** [DHN11, DH13]. **conical** [HZ11a]. **conjugate** [KKvZB14, NTV14, SD14c, Vol14, ZVNM10, MMM13]. **connected** [LM14b]. **Connecting** [PBB14]. **connections** [BCLR10]. **Connectivity** [WWZ13, SFWP10]. **Connectivity-free** [WWZ13]. **conquer** [BRP14]. **consensus** [YWS13]. **Conservation** [DMM+13, AGBC14, BMS12, Bal12b, Bal14, BK14b, CDD11b, CCK13, CS10, CB10, CDL11, DMT+11, DF10b, DZLD14, EFT13, Fan14, FD11, FCN+13, FC13, GAV13, GPP11, HHS+13, HTHG14, HAH14, IDNG13, JS13a, KPH13, Kri10, KL12c, LJX+14, LRLL11, LRI2, MN11, MSS12, MNS13, MLM12, MV13, NF12, Par12a, PYK10, QL11, QL12, RSS13, RTKS10, SK13, SM11c, SABH11, SHZ13, SL10, TS10, TWSN12, hT10b, UGkM13, XL11, XLD+11, XCL14, YHL13, ZS10a, ZWL+12a, ZWL+12b, ZLCW14]. **conservation-flux** [SK13]. **Conservative** [AINF13, CMS10b, JM12, KS14, QS11a, Ros10, YF14, ANF14, AK10, AHA10a, AH10a, BDI11, BBG+11, BRSS11, BRS13, BD14b, CDT13, CL14b, CS14b, CL11b, DB13, Era13, EN14a, EN14b, EAN11, FCN+13, GH14, GW13a, GF13, HLM11, HSK+15, HAS13, KR10, KAFB11, LSL14, LNU10, LP13b, LGF11, LSVW10, LHPH11, MKCB14, MD13, MD14, MDH+10, MT110, Mig14, MG14b, MDM+12, Mor10, MK14b, NL12b, NS14b, OAK11, OS11b, OD13, OD14, PvdDTB+11, Pir10, QC10, SN12,
conserved [LY13b, ZM10]. conserving [CCB13, CCB11, CC13, CCZ14a, CCZ14b, CSX14, HHL14, KBS14, KJ11, KHRD11, LTL+14, MRS14a, ML11a, OS14, San13, TS12, Zer10, vV12].

considerations [CVIA10, LB10]. consistency [BH13a, FQV13, HLSO13, HZ14, PP14]. consistent [BNM14, BN13, BN14a, CDT12, Cdc12, DR11, GK14, KKL10, LGE+13, NL12b, OS14, PS14a, PS15, SKW14, XJ12, ZN14a]. consolidation [FCG10].

constant [BMK11, CWC11, DS12, LP12b, PM14, fZIC11, ZWL10]. constants [Ber14]. constitutive [LXM14, VP10]. Constrained [BHS14c, TP12, ZD12, CLSX14, CRT14, HMM14, HMS10, HRT11, HA14, IX10, KS13b, KBSV14, KMSS10, SAM10]. constraint [ACCM12, DHN11, Mcd14b, NMV13, PvdGvM11, WSS12, XCL14].

constraints [BH13a, BSS12, Kau10, MM12, ZD12]. constructed [WYS12a]. Constructing [XMDG13, XMDG14, SW11, ZF12]. Construction [ALR11, TDU14, WYS+11, Con11, KSR+14, Kol11, LLY11, MF12, MW12, SRN10, Val14, WZ14]. contact [BSSW12, DL10c, GW12, GW14, Han11, HGW11, JgzL14, Joh11, MKB+13, RB14, SN12, SSC13, SYY14a, SYY14b, SSB+12, SS13c, Vol14, XR14].


[CF10, CCW11, HL12b, JCC14, SHZ13, ST13, WC14a, WIJ13]. continuation-multigrid [CF10]. continuation-WENO [SHZ13].

continuation/WENO [SABH11]. Continued


[BDM13, CXL14, SVdTB11]. Continuous

[KG12a, BD11b, CEP12, CdCD12, DTYY14, DKA12, GAvdB14, IST+12, IXX14, PBT14, RE13, YL14a]. continuous/discontinuous [CdCD12].

Continuum [Mit13, FCH13, Fuji13, KMHJ10, LE13, NP12, PLBR13, SBA13, TV14, VCS14, XH10, XYL12, Yok14, ZJT10].


contour-advective [SM12a, SM12b]. contrails [JWN11]. contrast [CEL14, EGG12, GPE13, GCE14, GK14, Hel11a]. control [BVM14, BS14a, CEK14, DLLV14, DBM+12, HA14, LY13a, MRS14b, SW13, VS14, ZlC11, ZJW12]. controllable [SRL+11, sSLxRyZ14]. controlled [CL10, KL+14, NMV13, SCS14, WH11]. Controlling [CN10, TE14].

converged [CES14, GCH14]. Converging [BN14b, BPQ14]. convergence [AH10a, BKCh11, BD11b, CCD11a, CL14b, DMLH14, EBGW13, FSL+12, GNGAS10, GBNS14, GC11, GMIXG14, HY10, HW14b, JN12, KTT12, KHHK12, LK14, MMV+13a, MHA10, MK14b, Ste14, TCW+10, YN10, YN14, ZFH14, ZZS13, ZQ11]. convection-diffusion [AH10a, BKCh11, CL14b, HY10, HW14b, JN12, LK14, MHA10, YN14, ZFH14, ZZS13, ZQ11].

convection-dominated [BD11b]. convective

[BGH10, CVC12, FL11b, GDY10, KFOS14, Mor10, Pir10]. Convergence [CCY13, GB+S14, BK12a, BMCK10, BV13, CSK13, GAV13, LTS+10, LJ13a, NEE12, RBNS+S+12, RBNS13, SPM+13, WZZ14, WTK14].

convergent [BCP13, BHM14, BD14c, STD14]. converging [LTL11, Sto13]. Convex [VDD+13, BLQ14, DFD14, GLWW14, SJ10, SBO11, hT10b]. convolution
curvatures [FLM12]. curve [Par12b, ZWJW10]. curve-like [Par12b].
curved [BWC11, BWC13, CDLL12, CKR14, Gen13, MBR11, NZ14, UGF14, VM10, VQVD11, Zha10b]. curves [Bre12a, MWP14]. Curvilinear
[PDSS10, AV10, DKR14, FS10b, HE14, JRG13, NT14, Pir11, SML13, TGRL13, YN14, YJK12, Zie11]. CUSP [SZH12]. cut
[DWZ10, SHMS13, SD14c]. cut-cell [DWZ10, SHMS13, SD14c]. cutoff
[LHV13]. CWENO [HAH14]. cycle [KWHD12, MNKS13, WHB14]. cycles
[WJ13]. cyclic [HPLS10]. cylinders [Lee12b, SSS10, STC10a]. Cylindrical
[KBS14, MK13, BLA+14, BdCB11, BY11, CS10, CS14b, DC13, GDGP11, JWV12, JNW+14, KSB12, LHY12, LE12, Mig14, PG11, PPS12, RSK13, SSB13]. cylindrically [MTD14].

D [CGF+13, Del11, DCL11, HLYS11, JM10, MMM11, MVCFM13, YCY11, ZOWZ10, ZJS15, KKS13, SYE10, AST13, ABMT14, AW14, AH10b, BGR11, BLM+14, BWC11, BS14a, BBAP14, BGHM13, BCL13, BCL14, BLJ11, BD14b, BSS11, BHM14, BLY10, Cha14, CP14, CCW12, CL11a, CC12, CS14c, CLAL14, CH14, DLL13, DK14, DFD14, FB14, FNGV14, FW12, FCG10, FGLB14, GW13b, Ge10, GC11, GCZ13, GM10a, GHM14, GD10, GL12a, GLC+11, GKS+11, HPA14a, HBM13, HRT11, HLW13, HvB11, Hu13, JMG13, KL12a, KVM12, KBS14, LH10a, LP13a, LVFK14, LTSH10, LT12, LE12, LLL14, LMBB11, LS13d, LDA10, LL10b, LZZR10, MAPP13, MMR12, MDT13, MBMV13, MVCFM13, MZ12, MMT14, MF13, MHG14, MV13, MBGW13, MT14b, MLGN12, MGN14b, Nic10, NJ12, Ols12, PPS12, PW14, PBd14]. D [RCQL11, RKGM14, SKN13a, SY12a, SY14a, SCGE13, SF14, SCC14, SCH13b, SM12c, SAA14, TGT+10, TQW14, TDL+14, TRSMM+13, TR14, TGGT13, U11, UW12, WYYK10, WR11, WG11, Xu11, Zha10a, ZYF+10, ZMD+10, vTCL+10]. D-lattice [BBAP14]. D-TLM [TRSM+13]. D-Var [CS14c]. D/
[MVCFM13]. DAE [MM12]. Damage [AJV11]. damped
[MBMV13, MNS13]. damping [BK12a, DGAH10]. Darcy
[DFVY14, EZ10, HPV13, KR10, LLMY14, NJ12, SW10, WX14]. Darcy-flux
[EZ10]. dark [BTX13]. Data
[AC11, BND+12, QA11, RSFS13, AR14, BERB+12, BGG12, CS14c, CF11c, GLS10, GCLS11, GHM13, HHA14, HMM+10, HVT2, IK11, JLY10, JSX10, KS11a, Kaz10, KMSS10, NMX12, SS10a, Vai11, WMI10, WY11]. data-flow
[Berb+12]. Data-free [BND+12]. datasets [A13, HdcN12]. Davidson
[And13, HWW10, Zho10]. DDM [DL10b, LD14]. DDR [JS13a]. Deborah
[Kwo14]. Debye [NZ14]. decay [MS14b]. decomposed [SSF12].
decomposition [AST13, AS12, AETT11, AP14, BPM13, BAG12, CBKK12, DLM12, DMR14, DEKBF14, DAA11, ETW10, GPCE13, GCE14, GKI0, GRI12b, GD13, HdcN12, JC13, JWHY10, LTSH10, LTT10, LDE+13, PL10, PRL10, RBH12, RHGT10, RSFS13, SYL12, SSB+12, SCH13b, SKN13b, Sto13, Stu10, SS14c, VHG13, WABI11, WC14b, Xie14a, YCLK12]. decomposition-based [JWHY10]. deconvolution [KRF12]. Decoupled
Differential [CBW10, PZ14, dCRCS10, AP12a, AB13, ARR11, BHM14, BJ12, CCLS10, CX13, CK11, CHZ13b, CHZ13a, DAEB13, DA14, Dri10, FVR13, Gno14, GM14a, Gri00, Har11, JTXZ12, Kat14, Ler14, LLZ11, LCY11, LS13c, LM13, MZ10, MDT11, MDT13, MGN10b, NP12, Pir12, RH13, RBH12, Ton14, TS14, WZ13, WW14, WH11, XH14, YMS12, YXZ13, YK13]. differential-algebraic [CK11]. differentially [CLS10, ZKZ10].

differentialization [hGzSwZ14, VS11]. diffraction [BL13, DB12].

diffuse [AEILV14, FG12, MZ14, ZCD10, Ala14, DJY14, GK14, GGT13, Min13, TSLV11, TFP13, DK14].

diffuse-interface [ZCD10, GK14, Min13, TSLV11].

diffusing [SBA13]. diffusion [ERT10, JS13a, KLB+14, Mar10b, AV13, AH10a, AT13a, APY14, Atz10, BMH11, BM13, BLM+14, BH13b, BCK11, BBAP14, BS10a, BKC+11, BHY14, BTY14, CYK+14, CD12b, CGC13, CY12, Cha14, CL14b, CGP10, CM10, Cui12, DU12, DBO+10, DKW10, DSP11, EMI11, EMSH14, FAY+13, FHL10, FF12, FCY13, FLWL14, hGzS11, hGzSnZ12, hGzS13, GW13b, GC11, GM14a, HPS13, HL11, HLD14, HY10, HW14b, HCM10, JC13, JZ13, JN12, KKAS12, LN10a, LK14, LS13b, LP12b, LH10c, LXL13, LRBT14, LY14, LXR12, LSV10, LRMN13, LM14a, LCWN12, LHMTZ10, LHV13, MB12, MKG12, MHA10, MMS+14, MN12, Mic13, MAD13, MT14a, MY13, NMV13, NGV14, NMZC13, NLGL14, Nis10,
Nis14a, Nis14b, Ols11, OMA14, PBC+11a, PS12, PHRG13, PMS11, PBB14, PvdGvM11, PWB+14, PH13, RSi12, RzSZ13, RF14b, RCC14. diffusion [RBK13, Sch13a, SR13a, SB14, SH11, SY11a, SY12b, SVS11, She13, SHA11, SHA12, Sou14, SAA14, TCW+10, TR14, VDP11, VDD+13, VWF13, VBSK10, Vre11, WWS11, WW11, WD13a, WD13b, WV14, WD14, WCVJ13, WDGY10, WGD12, WG14, YZX14, YN10, YN14, ZFH14, nZzS11, ZZS13, nZzSlL14, ZsS11, ZOL+11, ZT10b, ZQ11, vEKdB14].

diffusion-advection-reaction [AV13]. diffusion-based [LXSR12].

Diffusion-controlled [KLB+14, NMV13]. diffusion-reaction [DBO+10, LHMZ10, PBB14]. diffusion-wave [BHY14, LXSR12].

Diffusive [AS12, BCD14, FF13, KL10b, KHHK12, MSTL13, NMCZ14, PAM10, RGK12, SAA14, ZKM+11].


Dimension [TPF11, EEU14, GSP10, MK14a, MMA13, NF12]. Dimensional [BNNW11, AH13a, Ald10, AK12, AN14, ADMA13, And13, ASK+13, AKMD14, BDL11, Bal12b, BD14a, BG10, BILM14, BL13, BYCC14, BCM+11, BRS10, BBPC14, HY14, BL13, BD14c, BLR14, BTY14, CWS13, Cap11, CBKK12, CNR10, CTG12, CRS14, CM14, CZ11a, CCB12, CS10, CS14b, CCY13, CCL10, CLS13, CGC+12, CTSM13, Cui12, DYYA14, DDF14, DB12, DKW10, Dui11b, Fan13, FQV13, GMB10, GG10, Ger12, GMC13, GFJ13, Gra14, GIQ11, GH12b, HdcNT12, Hen13, Hkl14, HC1+10, HCS12, IST+12, IDNG13, JAX11, JLZ13, JGZL14, KS11a, KKL10, KSN13, Kau10, KL10b, KG12a, KLP10, KLP14, KL11b, LP12a, Le 14b, Lee13, LJX+14, LRL11, LRT12, LX13a, LXL13, LW13a, LLZ14, LRN13, LRK11, LW13b, LP11, LT11c, MZ10, MB12, MAB+13, MNF+10, MPT13, MG10a, MGN11, Nor14, OD14, PB11, PYK10, PE10, QP14, RARO13].

dimensional [RVB10, RB10, RS13b, RW13, SCIE14, SHZ13, SYJ11, SSR14, SS14a, SMS14, Stu10, SWR11, SYY13, Tak14, TAI11, TA13, TP14, Val14, VMA14, VW14b, WCM+14, Wan13a, WW11, ZW11, WZSN12, WD13a, WZ114, WD14, WLIW14, WC11, WS14, WSL10c, WS11, WC14b, WT14, XHF13, XJ14, YHT11, YT12, YZ14, Yin14, ZFH14, nZsS11, ZWL+12a, ZWL+12b, CDL11].

dimensions [BK14a, BR12a, CCG11, FK10, GH11a, GHS12, GL12b, GLH14, GD13, HR10, HWT12, JZ11, JRTY11, Le 14a, LB12, MB11, MSS12, MG12a, RNT12, TDU14, TTD11, UGkM13, VRBZ11, WGX13, WOL12].


dipolar [BCW10, JCC14, LZZC14]. dipole [ZLL10]. dipoles [MTD14].

Dirac [ASS13, Alm14, AME14, BH14, FGL14, HPA14a, HPA14b, LSE13, XST13].

Direct [CDT13, KSP13, NV13, OP10, TRL14, ZN14b, HB11, BVM14, BLTO11, BD14b, Brel12a, CLS10, CGF+13, DD12, DGAH10, EHA14, GCA13, GG14, GB13, GHL14, GHM13, GH10, HT12, JNSA12, JMW12, KM13, KF12, KG13, LFL11, Mar13, MMS13, PPWZ11, SBB13, SY12a, SY11, SC11, SSK+12, VRB10, WWS10, WYT14, YHT11, YT12, YS12a, YHL13, dPSS12].

[BH13b, BD12, HCP10, JAX11, Joh11, WI13b, YKWS13a, YKWS13b]. discontinuity [VR14]. Discontinuous

[BSCML13, BR12b, Cha13, GP12b, LI14, MMIW14, MK11, PDZ14, SH14, TR14, YWS13, AJRT11, AJ14, AWK11, AAT14, AT13b, APRS14, BNT14, BGR11, BBC12, BR11, BGHM13, BD11b, CJLC11, CZ11a, CAH14, CLX14, CCZ14a, CCZ14b, CW14b, CSX14, CCY13, CDB13, CCG11, DFFL10, DHH11, DL10a, DZL13, DKA12, DZLD14, DV14, FPN13, FT12, FH11, FMT11a, FP12, FP14, GDHM11, GAW14, GLL11, GZQ13, GX14, HGMM12, Hig13, HvB11, JNX13, JZ11, KG12a, KKO13, Koli11, KG14, KRT14, Kuz14, LH10a, LXM14, LT11a, LP12b, LXY11, LX12, LHI14a, LZZC14, LLP14, LW14, LLYE12a, LLH10, LP14b, LLN10, LXL12, LSX13, MRS14a, MHA10, MN11, MESS10, MMD11, ML11b, MBGW13, MGN13, NPC11b, NPC11a, NPC11c, NP12, NvdVB13, OK14, OHF12, OS11a, OD13, Per13, QS11b, RHXQ14, RGM13, RC12]. discontinuous


[GAV13, KST13, AS14, ACB13, BCHM14, BPS14, BSCML13, BWMG14, BBM14, BM14, CF14, CT10, CST10, GB14, GH11a, GD10, GL12a, GLC11, GXX14, GLL14, JWNL11, KPH13, KH11, LMFH11, LFR13, LFR14, LTSH10, MJ14, MRS14b, MM11, MGG11, SWK14, ST11a, SV10, TAAS13, TDL10, IT14, WZ11, YMS10, YMS12, ZYHW13, Zie11, SBN12].

discrete-fracture [ZYHW13]. Discretely [FCN13]. Discretisation

[PAM10, CYK14, CVC12, SS10e]. discretisations

[BLTO11, TA12, VSK10]. Discretization

[DAV10, DAV15, KD10, SR10, BdCB11, BS14, BR10b, BMR14, CZ11a, Den11b, DHH11, DLM13c, EQYF13, FD11, Ge10, GG14, GH14, LE13, LKN13, MMR12, MIJ10, MG14b, Nor13, PRH14, PGR10, PVdTB11, PMSM12, PJS14, RF14a, SH14, SG14, SBT13, SSL13, SDH12, TD12a, TLO14, VW14a, VMA14, VKBK11, WAM14, YHM12]. discretizations

[AI12, AJ14, AMP14, BBC12, BN13, BN14a, BRP14,
BSV14, Gas11, GDHM11, JN12, MN11, SVK14, SYV14, SD14c, TD12b, WABI11, vdVR12a, vdVR12b, vV12].

**discretize** [TGO13]. **discretized** [Han11, LTC10, LTSH10, Mar13, NDBG14]. **disjoint** [Kim13]. **disk** [BY11, ZL13]. **disks** [YTYJ12]. **dislocation** [FTF14]. **dispersal** [LY14]. **disperse** [GJLY13]. **Dispersion** [KWJR14, TCL11, BSS14, CWS13, CD13b, CCW12, DBHBB13, GB14, GJ11, Gür14, HPA14a, Hig13, JW11, LS13d, MPS+14, MMP11, NYM13, RSD10, SRL+11, sSLxRzY14, WA12, XS11].

**dispersion-relation-based** [LS13d]. **Dispersive** [Ain14, BRS11, BCL+11, DKL11, HLY11, NZ14, OJ11, PDZ+14, SB14, WXZ10]. **dispersively** [YS13].

**displacement** [BCG+13, MMH12, ZL13]. **displacements** [ES13a].

**dissection** [SY14a]. **dissimilar** [WQCS13]. **dissipation** [BJLR14, CGM+12, DBHBB13, GJ11, HAD10, HJK14, HK11, JXD14, KKP10, LFL11, LGC13, NYM13, Rie10, SRL+11, sSLxRyZ14, TiI11, XS11, SXW14, ZGSZ10].

**dissipation-rate** [JXD14]. **dissipative** [FR13, GPY14, LH10a, LTL+14, LSW14, LEHA10, MGLS12, Pir11, RPV13, SCY11, VW14a, WYS+11, WLL13, LFK11, MDPTK13, PAG11].

**dissolution** [YL10]. **distance** [ERT10, RS13a, WYS12a, ZT10a]. **distances** [SC12]. **Distinguishing** [OJ11]. **distorted** [WDGY10]. **distributed** [FB11, GSTB13, Kat14]. **Distribution** [MGJZ10, ALR11, BND+12, CZL10, Cou11, HLT10b, JC10, LSK13, RA10b, SHR13, VQRD11, VQVD11, YSW14].

**distributions** [JW12]. **disturbance** [RZ10]. **disturbances** [VMS12].

**Divergence** [Kaw13, Nis12, AHA10b, BK12b, EH13, GW13a, GCvRK11, KAA12, KG13c, Li10b, LXY11, LX12, McD14b, NCV10, TS12, TP12, YAL+11, YB14].

**divergence-conforming** [EH13]. **divergence-free** [KG13c, Li10b, LXY11, LX12, NCV10, YB14]. **Divergence-free-preserving** [Kaw13]. **divergent** [RH13]. **divertor** [DRB14]. **divide** [BRP14]. **DNA** [KLB+14]. **DNS** [SSHM10, SRL+11, VdMS+14, YBY12]. **Do** [MW14b].

**does** [Den11a]. **Domain** [BPM13, ILM+13, OK10, SKN13b, AWK+11, AS12, AF13, APY14, BHB11, BILM14, BCB12, BAG12, BHY14, BL11, CES14, CBKK12, CW14a, CL11a, CWZ+11, CVI+13, DYYA14, DDF14, DMRI14, DFLL10, DL10a, DZL13, DBHBB13, GB14, GLLP14, hGzSnZ12, hGzS13, GVH14, GP12b, GKI10, GT11, HS13a, HR10, HBJL14, HJK14, HDD12, JC13, KKS13, LMLC12, LB12, LCNK10, LHY12, LTT10, LS13d, MBLM10, MN14, NZ14, NB14, PL10, PRL10, RVL10, RHB12, RHGT10, SBWF14, SABH11, SY11b, SF12, SSB+12, SCH13b, SSFM12, SFWP10, Soa13, Sto13, Stu10, SS14c, TH14a, TD12a, VHG13, WJC13, WC14b, XMDG13, XMDG14, XH14, YD11].

**domains** [AJRT11, AA110, AB11, AEM13, AT13b, AM11, BLQ14, ByvBZ+10, BUI11, BKC+11, BR10b, BRS10, BL10, CCFCM11, CS13, CGS13, CR13, DKC14, DRZ14, Era13, FC13, GPY14, GM12b, GHM14, HG11, HWST12, JPC+14, JKR14, JK11, KTT12, KF13a, KTT13, LP12a, LK14, LMZ14, LN10c, LB10, MKCB14, NS14b, PHS14, PZ10, RC12, SJK11, SR11, TDVG13, WS14, Yin14, Zen11, ZWH+12]. **dominated**
Dory [VCS14], dot [HWHW10], dots [PBB14], Double [EZ10, VG14, CBGK13, KHHK12, HGRB14], double-diffusive [KHHK12]. Double-families [EZ10], doubly [BS10a, CH14], doubly-periodic [CH14].

DPD [MDPTK13, PPTMDK13], drag [Min10b, SL13b].


DSL [GW11, GL13, HJ14, JY14, JZ11, JFC+13, KH11, KL10a, KIF+14, Kol11, KMMJ10, KSB14, KMSS10, KAG14, LSL14, LB13, LKLG14, LJJ+14, LSK11, LYE10, LJ13a, LTL+14, LEHA10, LZ10, MCJ14, MK14a, ML14a, MB13b, MTZ14, NN+14, NNS11, ORHH13, OLC13, PTM13, PJ12, PZ10, RTS13, RPV13, RTKS10, SB14, SSC13, SSB+12, SSW13, SKW14, STC10b, TQW14, VMA14, Wan11b, WLL13, WZT+14, WYT14, ZD11a, ZD12, ZYF+10, ZKM+11, dPSS12, LFK11, PAG11].

dynamics-based [JL13a]. dynamo [LL10a].

Dynamo [GW11, GL13, HJ14, JY14, JZ11, JFC+13, KH11, KL10a, KIF+14, Kol11, KMMJ10, KSB14, KMSS10, KAG14, LSL14, LB13, LKLG14, LJJ+14, LSK11, LYE10, LJ13a, LTL+14, LEHA10, LZ10, MCJ14, MK14a, ML14a, MB13b, MTZ14, NN+14, NNS11, ORHH13, OLC13, PTM13, PJ12, PZ10, RTS13, RPV13, RTKS10, SB14, SSC13, SSB+12, SSW13, SKW14, STC10b, TQW14, VMA14, Wan11b, WLL13, WZT+14, WYT14, ZD11a, ZD12, ZYF+10, ZKM+11, dPSS12, LFK11, PAG11].

dynamical [APC11, CTG12, Chi12, GLM14, NT14, SP13, UJ12, Wan13b, YL14a, YL14b].

dynamically [CHZ13b, CHZ13a, CSK14, MN11, MMD+11, RWX11, ULS13, YJK12, CSK13]. Dynamically-Orthogonal [CSK13].

Dynamics [MDPTK13, STI+10, Abr10, AHA10a, AA10, AGBC14, ARF12, AEM13, AM10, ACB+13, BCW10, BD11a, BB12a, BHS14c, BLJ11, BDLC13, CTT11, CP12, CD12a, CFC13a, CFC13b, CWC11, Chi12, Dav10, Day15, DXB+13, DKR14, DLM+13a, Don11, Fall13, FM14, FTF14, GPY14, GCS11, GW11, GL13, HLI14, HCS+10, iIT14, JZ11, JC1+13, KH11, KL10a, KIF+14, Kol11, KMMJ10, KSB14, KMSS10, KAG14, LSL14, LB13, LKLG14, LJJ+14, LSK11, LYE10, LJ13a, LTL+14, LEHA10, LZ10, MCJ14, MK14a, ML14a, MB13b, MTZ14, NN+14, NNS11, ORHH13, OLC13, PTM13, PJ12, PZ10, RTS13, RPV13, RTKS10, SB14, SSC13, SSB+12, SSW13, SKW14, STC10b, TQW14, VMA14, Wan11b, WLL13, WZT+14, WYT14, ZD11a, ZD12, ZYF+10, ZKM+11, dPSS12, LFK11, PAG11].

dynamics-based [JL13a].

E-CUSP [SZH12]. Eady [BCW13]. Earth [ASXZ14, RKGM14, TRSMM+13]. EAST [KYP+14]. easy [SdAW14, Yao14]. easy-to-implement [SdAW14]. Eca [EH15, XS15]. Eccentered [PM+14]. eccentric [GDW11]. Eddy [CP13a, ADSF13, BGGW13, BA10, BM13a, DV13b, GW10, HA11, KSL10, KSB12, LFL11, MS14a, McD14b, OL13, OAK11, PGLT10, dILPC10, dILPCP12, RG13, SZ10,
SFCF10, Ste14, TRL14, TGO13, VKBK11, WDP⁺14, Den11a, MDH⁺10].

**eddy-** [TGO13]. **EDG** [BR12b]. **edge** [AAG14, AST12, BD13, CXZ10, Cou11, GIQ11, ICC⁺10, KBSV14, LHY13, Soa13, SS10e, TGT⁺10].

**edge-based** [Soa13, SS10e]. **edged** [HWW10]. **Editor** [HAD10]. **Editorial** [Ano12f, Ano12g, Ano12h, Ano10b, Ano10c, Ano10d, Ano10e, Ano10f, Ano10g, Ano10h, Ano10i, Ano10j, Ano10k, Ano10l, Ano10m, Ano10n, Ano10o, Ano10p, Ano10q, Ano10r, Ano10s, Ano10t, Ano10u, Ano10v, Ano10w, Ano10x, Ano10y, Ano11c, Ano11d, Ano11e, Ano11f, Ano11g, Ano11h, Ano11i, Ano11j, Ano11k, Ano11l, Ano11m, Ano11n, Ano11o, Ano11p, Ano11q, Ano11r, Ano11s, Ano11t, Ano11u, Ano11v, Ano11w, Ano11x, Ano11y, Ano11z, Ano12b, Ano12c, Ano12d, Ano12e, Ano12f, Ano12g, Ano12h, Ano12i, Ano12j, Ano12k, Ano12l, Ano12m, Ano12n, Ano13, Ano13i, Ano13j, Ano13k, Ano13l, Ano14-34]. **EDQNM** [MS14b]. **EEM** [KIF⁺14]. **Effect** [JC10, FGE11, JR14, KH13, SSR⁺13, TAI11, WJCG13, YHL13]. **Effective** [CFCA13a, CFCA13b, BdCB11, CR14, Hel11a, Hel11b, JLZ13, KWJR14, KJWR14, LKP14]. **Effects** [Coo13, GLL⁺11, Lee12a, SB14, BB12a, BPHK13, DMD10, Gen11, JWM11, KS11b, LJJ14]. **efficiencies** [LCP13]. **efficiency** [And10, And13, JS13b, Ost10]. **Efficient** [ADT14, ABK12, ABK13, BMD⁺13, BCW10, BCZ13, BLRR11, BF12, BR10b, CNSFD13, CS12b, CHHL11, DHH11, FNGV14, GM12a, GRT12, GKS⁺11, GD13, Ham10, KL11b, LdWF12, LSE13, LFRM10, LL14b, MOV12, Men12, MY13, Nic11, NDB12, PGR10, PMSM12, Ran11, RS13b, RS14b, SR13a, TWSN12, TCW⁺10, WWS13b, dPSS12, ARR13, AD14, ABH⁺14, BHL⁺13, BBAP14, BK12b, BZKL13, BSCML13, CY12, CCB12, DL13a, DL13b, Don14a, DL10b, DEKB14, FL13, FP14, GW14, GMT10, GL13, GM14, GRS14, GJ14b, GXX14, HAMA14, HNS14, HLZ13, KR110, Lec13, LLX11b, LMZ14, LD14, LH14b, LCWN12, LFW11, MJ13a, MF10, MTZ14, MJ13b, MHH12, NDV⁺11, Nor14, NT14, OTV13, RA10a, RS14a, RWMG11, SBN12, SS11, SJB11, SLT⁺14, STH11, SR11, Shu14, SSR14, SS13c, TY11a, TLZ⁺11, Wan11b, WT12a, WD13a]. **efficient** [WG11, WJC13, YL11, YS12a, vHtTBC11]. **efficiently** [VSK10]. **Eigen** [GZQ13, ZK13, ZD11b]. **eigen-based** [ZD11b]. **eigen-problems** [ZK13]. **Eigen-structure** [GZQ13]. **eigenfunctions** [Hua14]. **eigenmodes** [HP13]. **Eigensolutions** [RSK13]. **eigensolver** [BWC13, JMKK12]. **eigenspectra** [EEK14]. **eigenvalue** [Alm14, BDLC13, CBPS13, CFW⁺13, CXZ10, CHHL11, GLSC12, GBB⁺13, HAMA14, HCH⁺10, Hua14, HWHW10, LL110, MBR11, MRS14b, Ren11, SKCC10, WPK14, Xie14b, FZIC11, Zho10]. **eigenvalues** [And10, And13, JS13b, Ost10]. **eigenvectors** [And10]. **eight** [And13]. **eikonal** [DGM13, Luo13]. **Einstein** [AD14, BCW10, BCZ13, CCW11, CCC12, DH10, FT12, JCC14, LZZC14, MT14, ST13, Wan11b, Wan14, WC14a]. **Eisenbud** [RSK13]. **elastic** [BHS14a, Ber14, BBGP13, BLR14, DKR14, DCVM11, DV14, EL11, FT11, FG12, Ham10, HPOM10, HCS12, JXD14, KK14, Kwo14, Le 14a, MAB⁺13, ML14a, OLC13, OLP14, SG12a, SG12b, SCH13b, SM12c, TLZ⁺11, Vol14,
elastic-acoustic [WSBG10]. elastic-plastic [DKR14, FG12, HPOM10, MAB+13, OLP14]. elasticity [ABHS12, BD10b, LSZ13, NPV14, TDVG13, ZWH+12]. elasto [SSB13].


electrohydrodynamic [LPH11, RDHK12, VDD10a]. electrohydrodynamics [BBGP14]. electrokinetic [BHL12a, BHK+10, CBPS13, CW10, ITO+10, Men12, Son11].

electrolocation [BBGP14]. electrolytes [BDH13, LKB10, WK10]. Electron [PMS14, BGK12, CKD10, CM10, NIN+14, SL13a, WS14].

electronic [BH12a, BHK+10, CBPS13, CW10, ITO+10, Men12, Son11].

electronic-structure [ITO+10]. elements

electroosmotic [LWCR10]. electrophysiology [CYK+14]. electrostatic [CCB13, CCB11, CC13, CCL+14, DXB+13, LTC14, PA14, YD11].

electrostatics [Gen13, GK13, WRH10, Xie14a]. Element [ABMT14, ABH+14, AB12, Am14, ASS13, AKL+13, ABJ+12, APC11, BGGGS11, BCP13, BPM13, BFR13, BHL12a, BSSW12, BWS10, BGN10, BW13, BKC+11, BCLR10, BTY14, BKV12, CN12, CYK+14, CMS10a, CTG12, CT13, CXLF14, CLG13, CW14b, CH11a, CH11b, CT14, DH10, DB12, DSZ13, DKA12, DCMV11, DZLD14, EGW11, EGH13, EGL+13, EN14a, EN14b, ES14, FPN+13, FC10, FK10, GT12, GDGP11, GTSC14, GQ13, HRK+10, HR10, HPV13, HS13, HGW11, HHH13, HvB11, HL12b, HY09, HY11, HZ11b, HLW11, HLYS11, Huai14, Hut14, Hys12, Ian11, JNX13, JZ11, KR10, KG10, KG13b, KEGM10, KBSV14, KG13c, KVBP+14, KO14, LSM14, LRL10, LCNK10, LB13, LJX+14, LH10c, Li10a, LHY12, LXL13, LHY13, LSZ13, LRBT14, LLMY14, LLS11, LHMZ10, MZ11b, MRS14a, MMV+13a, MMV+13b, MMB13, MLL1b, MK11, MCFM13, MSL13, MSL14].

element [MIKG12, MNL+13, MWY14, NKS10, ORHH13, OS12, PMM+11, PR11, PBC11b, QZM+12, RSS10, RKG14, RCCW10, RHGT10, SF11, SL13a, Sog14b, SLC+11, SK12b, SBvdV11, SJH12, SS13b, SS14b, SDH12, TF10, TD11a, TCL11, TTD11, VS10, WA12, WKMJ13, WZZZ14, WYC13, XH13, XJ14, YL11, ZM10, ZK14, ZW10a, ZOW10, ZOJR11, ZHY13, ZYT13, ZKM+11]. element-finite [GQ13, RKG14]. element-free [ZOWZ10]. element/Fourier [SJH12]. elements

MG14b, MT14a, MHGNM12, MY13, MWY14, MGN10b, MGN13, NMZC13, NPC11b, NPC11c, NP12, NOT14, NDBG14, NEE12, NvdVB13, OK14, OA10, OLFS13, OR10, Ols11, OBT12, OS12, PBT14, PDZ+14, PS12, PSM13, PMS14, PVLT10, PGL11, PPB14, PWK11, PE10, PrDTB+11, PT12, PIN14, Pir12, PH13, Pir11, PMSM12, Pud11, PR14b, QY12, RBS12, RTS13, RP13, RH13, RHBl2, RHQX14, RGMCM13, RCvdV13, RF14a, RS11, RS12, Sal14, SK12a, San13, SVK14, SS11, SH14, SM13, Sen13, SLGB12, Sha13, SZH12, STH11, SY11a, Svs11, She13, SML13, SWX12, SF12, SR11, SY11c, SR13c, Sou14, SN13b, SP11, ST11b, TAI11, TA12, TDVG13, TWMM14, TY11a, TCL11, To1k11, TTO, Ton14, TE11, TS14.

Equations

[TLO+14, TEY12, TBR13, ULS13, UJvL10, UN13, VV13, VK12, VTTK13, VWF13, VMA14, VQRD11, VBCM10, Vre14, WA12, WCM+14, WZ13, WWS10, WX10, WPP10, WW11, WSY12, WX13, WW13, WD13a, WD13b, WD14, WW14, WXY14, WX14, WMYY10, WH11, WLT13b, WAM14, WP14, Wit10, WG14, WYT14, XZW11, XZWW12, XFB+14, XIIX14, Xin14, XH13, XM14, XH14, XJ14, YAL+11, YO11, YC11, YWS13, YK13, YF14, YHM12, YF11, ZD10, Zen11, ZS10b, ZS11, ZS12, ZRM13, ZSZ13, ZYLK13, ZYS14, ZW10b, ZT10b, ZTH12, ZT+10, ZQ13, vDS12, vV12, RB10].

BR12a, BRSS11, CBW10, DLM+13a, ES13a, GT12, G1Q11, Her10, HPOM10, HAI12, KBS14, KS12, KS14, LQ10a, Leu11, Li13, LHB10, LSVW10, LMS+10, MRD13, MYS13, OS11b, OLP14, OS14, R1c13, Sam14, SNBN13, SZF12, SX14, SB12, SIT+11, VBCM10, Vre11, Wan10, WYC13, WYT14, YHT11, YT12, YL14a, YL14b, ZS14. eutectic [BKKD14]. evaluating [ZJT10].

Evaluation [LX10, AINF13, BG13, BHBM10, GW13a, Gon10, Gon12, KGO13, LLI10, NCKN10, QL12, SBWF14, VBSK10, dPSS12]. evaporating [VLM13]. evaporation [KLMJ12, MB13a, PS14a, PS15]. even [DAEB13, LS13d]. even-order [DAEB13, LS13d]. Event [BERB+12].

Event-based [BERB+12]. evolution [AJV11, BDKV14, CSKP10, DCVM11, GL14, GMG12, Hen13, HAD10, JWN11, LX13a, LP14b, LMQ+11, Ols11, RKM11, RSS10, Vai11, VK12, WT14, YMLM+14]. evolutionary [APY14, CCLS10, JN12, LY14]. evolving [BF14, BD12, DKW10, LLZ11].

EVP [LKT+12]. Ewald [LT11b, WLL13]. Ewald-based [LT11b]. Exact [RPC14, hT10b, VTTK13, BBAP14, FGR12, HTHG14, LTL11, MF14, SL10]. Exactly [Xin14, DLGP13, GM11a, LXY11, LX12]. exceeding [YM14].


extreme [Hel11a, SV13]. extremely [Gui12]. extremum [GW13b, SY11a]. extremum-preserving [GW13b].

factorization [WdHX10, BNNW11]. factors [YM14]. Failsafe [KMSS10].
factorization [WdHX10, BNNW11]. factors [YM14]. Failsafe [KMSS10].
factorization [WdHX10, BNNW11]. factors [YM14]. Failsafe [KMSS10].


FD [BMCK10, BMK12, BFE12, CPJ11, FH11]. FDTD [FL13, GV14, LY13b, LBZ+10, MK13, PLN11, Rem11, TD11a, WBC13].


Fibonacci [Rem11]. Fickian [STD+10]. Fictitious [CCFC11, AF13, BK12a, BL11, GLLP14, HS13a, LB12, NB14, YBK13].

fidelity [AME14]. Field [CGM+12, AH10a, BR10a, BHL+13, BKH12, BLR13a, CNR10, CL11b, DS12, Don14b, DFW+10, EAB+12, FHMS11, GW12, GW14, GHL11b, GR14, GWG14, GMG12, GMXG14, HD13, HW11, HH13, HLLW11, IK11, JR14, KED+12, LXY11, LLSW14, LMBB11, LZ10, LYK14, Nic11, PRA13, PB14a, RPA13, SPT+13, SSV13, TNK10, TK14, YJK12, ZMQ13, ZYF+10, Zhol14b, ZWJW10]. field-lattice [SSC13]. field-wise [BLR13a]. fields [AETT11, BG10, BRSS11, BRS13, Brü13, CRK12, Far11, HW14c, KST13, KWS+11, KSK13, LCT10, LTC13, LBS10, Mar10a, MTD14, PSDF13, STD14, SSR14, ZM10].

filaments
XQXC14, XLD+11, XH13, XJ14, YAL+11, YS13, ZW10a, ZS12]. finite
[ZHY13, ZY13, ZKM+11, AGBC14, ABMT14, CRK12, Den11a, GP12a, LHMZ10, SGW10]. Finite-difference

[468x681]flow-induced [SM11b]. flow/acoustics [KVM12].

[201x610]flowfield [SZ11].

[135x586]Flows [LLdSC11, ABMT12, ABMT14, AF13, ABPSM11, ABS+14, BGGGS11, Bal10, Bal12b, BMD+13, BDA14, BNM14, BDA12, BFSVC14, BCD14, BPS14, BR11, BLR13b, BD11b, BBD11, Bcrl2b, BDKV14, CIJS14, CCKC10, CD13a, CFCA13a, CFCA13b, CS12a, CK10, CP14, CM14, CP10, CL14b, CS10, CB10, CZ11b, CVIA10, CL11b, CJP+14, CRT10, CSDK10, CC14, CCLV10, CJ1+13, CGF+13, CDB13, CTSM13, DDL10, DM13, Del11, DLZ+11, DFWY14, DFNNRdlA14, DF14, DMMGM14, DS10, DS12, Don14a, Don14b, DL10b, DLM13b, EGG12, FGR12, FF13, FK14, FSL10, Fug13, GT12, GG10, GPCE13, GCE14, GJ14b, GITW12, GJLY13, GVV13, GCL13, GK10, GJQ11, GDGP11, GH12b, GLL14, HRK+10, HLT10a, HHA14, HKM12, Hig13, HF11, HHH13, HK13, HK14, IAM+12, IG14, JTT14, JYHT10, JH12, KKAS12, KWS11, KKL10].

[135x455]flows [KH13, KSL10, KM13, KF12, KT14, KG13a, KKO13, KRT14, KSD12, KB13b, LP13b, LNS13, LMFH11, Lee12a, LSBJ14, LGC13, Li10b, sLwG10, Lz13, Li13, LMS13, LSX12, LHB10, LFRM10, LWC10, LW11, LZ12, LZK14, LDDBR13, LHPH11, LBK10, LXS+13, LII14, MB13a, MS10a, MAB+13, MMV+13b, MCA+13, Md14b, MG14a, MZ11d, MWRZ13, MDH+10, ML11b, Min13, MB13, MW14a, MS14, MLBS14, Mor10, MN14, MLN12, MN12b, NHE14, NL12b, NCK10, NMT+12, OAK11, OD13, PLBR13, PL14, PPS12, PP14, PB14b, QLW14, Qua11, RK14, RC12, RPC14, RB13, RBCK10, SRN10, SM11a, SBB13, SHR13, SF11, SCHY13, ST11, SF10, SYJ11, SSH10, SS10c, SPF10, Shu14, SW10, SC13, SCB10, SBvdV11, SS13b, SS14b, SM10, SKR14, SST10, STC10b, Sza12, TS11, TQW14, TSL+14, TSL11, TK12].

[135x228]Fluctuating [Kea14, SBA13, UPDB13]. fluctuation [NWLS12, XM14]. fluctuation-enhanced [XM14]. fluctuations [Atz10, Atz11, LHB10, PHSA14]. Fluid [BLR13a, BCG+13, CCL+14, DD12, LS13a, TDL+14, AC13, AELV14, AF13, ACC12, Atz11, BK12a, BHS12, BC10a, BOD11, BW13, BBGP13, BS10b, CFCA13a, CFCA13b, CR10, CW14a, CS10, CLG13, CZ11b, CHHL11, CM10, DAD12, DMD10, Deg11, DM13, DF14, DLM+13a, DL10b, DGF14, EC13, ETW10, Fa13, FL14, FRP14, FG12, FP14, GM12a, GCB13, GJLY13, GVV13, GKF11, GZZ14, GBC11, HLT10a, HSK+15, HMHO13,
Hig13, HK13, HCS11, JSA14, JTH10, KFOS14, KMA13, KA12, KK10c, 
LT10a, LP13a, LZ13, LC13, LWFI1, LW13b, LJJG14, LHPH11, LGHI10b, 
LZRR10, MD13, MF14, MK14a, MNKS13, Mit13, MMH12, NL12a, NPV14, 
NK14, OL13, OP10, OD14, OM12, PPTMDK13, PMSH10, PHSA14, PZ10, 
QLW14, RBB12, Ric13, RHGT10, RMSF11, RDHK12, STH11, SC10, SC11, 
STL+10, SbvdV11, SKt10, SIT+11, TGT+10]. fluid 
[TQW14, TPF11, TVEC12, ULS13, VDD10a, VRB10, VLM13, VF10, 
WFL10, WYS12a, WYS12b, WKL+14, WLW14, WZT+14, WY11, WTSZ10, 
WC14b, XL11, YS11b, YS12a, YBK13, Zad11, ZA14, ZBS12a, ZF12, ZL10, 
ZJL+14, HS13b, MHL+14, WY10]. fluid-body [WY11]. fluid-deformable 
[WKL+14]. fluid-flexible [HCS11]. Fluid-Kinetic [MHL+14]. 
fluid-particle [LWF11, SC11]. fluid-solid 
[CHHL11, ETW10, MNKS13, WZT+14]. Fluid-structure 
[BCG+13, LS13a, TDL+14, Atz11, BK12a, BW13, BBGP13, Deg11, EC13, 
FL14, FP14, GCBH13, GKF11, LJG14, MF14, MMH12, NL12a, NPV14, 
OM12, PHSA14, SIT+11, VRB10, WC14b, YS12a, YBK13, ZF12]. 
fluid-structure-interaction [Ric13]. fluid-surfactant [GZZ14]. fluid/solid 
[GM12a]. fluids [GF13, Hys12, KGG10, KL10b, LRT13, LGE+13, PRA13, 
PS14a, SIT+11, VRB10, WC14b, WS11b, YBK13, ZF12]. 
fluorophores [MB13b]. flux 
[APY14, BNT14, CVC12, Cha13, 
DFNNRdlA14, EZ10, Gao13, GMC13, GD10, GL12a, HLM11, KS13a, Kri14, 
KMS10, LB10, LSV10, ML14b, OS11b, Par11, PM14, SBN12, SK13, 
VLK+13, VCJ11, WSW13, WCV13, XQX13, ZS14]. flux-approximation 
[ML14b]. flux-corrected [LB10, LSV10, OS11b, VKL+13]. flux-form 
[BNT14, HLM11]. fluxes 
[Cam3, PAM10]. FMM 
[GD13]. foam 
[KLPS14]. focused [LX13b]. focusing 
[BRS11, MDVBS13]. Fokas 
[AN14]. Fokker 
[TRT+12, TBN11, Wot12, CCT11, GJ14b, JY11, LE13, 
Mar10b, PLT14, SJH12]. Foldy 
[HSZ10, HLZ13]. Force 
[SCS14, CN10, Dai13, HH12b, HH13, Kea14, LKCY11, LY13a, MWR13, 
MW14a, PBT14, PA12, YTYJ12, YM10, YOK14, vHTBC11, SST10]. 
[MWR13]. forced [CL13, TPA+13]. forces [AT13b, HH13, MD13, SSHT14]. 
forcing 
[BL11, CLS10, GH10, Hig13, JW12, MF12, LDS11, OBT11, VRB10, YS12a]. 
forecasting [Fal13]. form 
[ANIF14, BH12, BNT14, BN12, FCN+13, HLM11, 
JMI2, Mor10, MK14b, MV13, RCCW10, SBS11]. format [BGK12]. 
formation [DH13, SS13b, SS14b, Tok10]. forming [AVK11]. forms 
[BBM14, PRH+14, PZ14, RMMD14, YMS12, ZPF10]. formula 
[hGzSwZ14]. formulae 
[DFD14, NN12]. formulas [BMCK10]. Formulation 
[BRSS11, DEKB14, RS13b, AP13, AHA10b, AHA13, AGBC14, AIX10, 
BLRR11, BLA+14, BD12, CN12, CVN13, CFW+13, CB14, CY12, CBW10, 
CF11c, CGP10, ES13a, ES13b, FL14, Fus13, GW13a, GJO11, HSWZ13, 
HSH10, HSZ10, HK13, JQ13, KFOS14, KK10c, LRL10, LKT+12, LYD10, LHM14, 
LBS10, MBBM13, NOT14, Nis12, OR10, OLC13, QS11b, Ric13, RMSF11, 
YQ14]. formulae [DFD14, NN12]. formulas [BMCK10]. Formulation
frequency-space [SSS11]. Friction [SPS14, CVC12, MGN12b]. Friedrichs
[CC13, LQ11]. frog [HT14, SWX12]. Front [SYJ11, AK14, BW13, LW11,
MFM12, Mar10b, NW10, RZ10, RR14, TVEC12, UGkM13, WZW13, Wit10].
front-tracking [LW11, RZ10, RR14, TVEC12, UGkM13]. front-tracking/
ghost-fluid [TVEC12]. Frontiers [ASXZ14]. fronts [DLM13b, LEH10]. FSI
[BHS13, BHS14a, BHS14b]. fuel [VDD10a]. Full
[KED+12, AMP14, FE11, GB14, LLJ10, SIT+11, XHF13]. full-body
[XHF13]. fullerene [WPKK12]. Fully [BBGP14, GM10a, GHP13, GF13,
Hen13, LDA10, ASB10, AH10a, BZKL13, BCL+11, Bre12b, CDS13, CNR10,
CCL+14, FCG10, GH11a, GMC13, GXX14, HL12b, JZ13, KK10a, Kau10,
LG11F, LL10b, MA14, MD13b, Mor10, Ric13, SNS10, SHCY13, SPB+10,
SF10, SCS14, TQ14W, WC14b, YB14, ZBS12b, LEH12]. fully-coupled
[SHCY13, SPB+10]. fully-developed [SNS10]. fully-discrete [GXX14].
fully-implicit [SPB+10]. fully-nonlinear [CS14]. Function
[MNR11, AGSG11, BBE12, BCM+11, Boy10, BD14c, CRS14, DL13c,
FWLP14, Gill13, Gon10, Gür14, HL13W, IST+12, IXX14, JC10, JK11,
KRN11, LK14, LSK11, LH01d, MCLG10, NKF14, ST13, TVEC14, VK12,
WZ11, WYS12a, YSW+13, YSW14, ZT10a, ZMG11]. function-based
[YSW+13, YSW14]. Functional [Fat10, LGE+13, BN12, CGS13, FN10,
H14, ITO+10, JFC+13, LLYE12a, LLYE12b, LSE13, LBRA+13, M10,
MK12, MNL+13, SL13a, SSS11, SD14b, SBO11, SP14b, YY10].
functionally [HBB14]. functionals [RSS10]. Functions
[PDC13, BY11, Boy11, BX12, CEK14, CCL2, CST10, EGW11, ERT10,
Fat10, FL10, FB11, Gno14, GWG14, HBM13, HHGC14, JNX13, LD12, LB14,
MK13, Min10a, NB14, Ost10, Pir12, PH13, RA10a, RPA13, Sal14, SP1+13,
TCL11, Val14, VT13, WZ14, ZBS12a, ZBS12b, ZJW12, ZPG10, MPR12].
fundamental [AEM13, BOK12, SYL12]. Further [DMM+13]. fusion
[BS14a, PLT14, TTR+12, WCM+14]. FV [SGS13].

Galerkin [BR12b, FW12, AJRT11, AJ14, AW+11, AAT+14, BNT14,
BGR11, BBC+12, BR11, BGHM13, BSCML13, BT14f, Cha13, C11a,
C12s, CAH14, CLX14, CCZ14a, CCZ14b, CW14b, CSX14, CC13, CJ14,
CDB13, CcCD12, DAEB13, DFFL10, DHH11, DL10a, DZL13, DSZ13,
DZLD14, FPN+13, FT12, FH11, FP12, FP14, GAvaVB14, GH11a, GDHM11,
GP12b, GZQ13, GXX14, HGM12, Hig13, HvB11, Ian11, JMF1013, JZ11,
KGG1a, KOK13, KG14, KRT14, Kuz14, LH01a, LXM14, LH14, LL10,
LLX+11, LXX14, LHI4a, LZZC14, LLP14, LSW14, LLYE12a, LMY14,
LLL10, LP14b, Lv10, LNL+10, LXX+12, LXS+13, LI14, MRS14a, MHA10,
MN11, MOSW12, MST14, MESV10, MMD+11, MIIW14, ML11b, MK11,
MWW+13, MZY14, MBGW13, NPC+11b, NPC11a, NPC11c, NP12, NDBG14,
NvdVB13, OHF12, OS11a, OD13, PDZ+14, Per13, PIN14, Q11b, RV10].
Galerkin
[RHX14, RGMC13, RC12, RCvdV13, RS11, SH14, SGC13, SHCY13,
SLT+14, SBvdV11, SSL13, SD14c, TG14a, TE11, TD11b, TD12b, TLE10,
ghost-cell [LY13a]. ghost-point [CR13]. Ginzburg [RSS10, SV13, TAT14].
glass [ARF12, MSL14]. GLM [MTB10, MT10]. Global [BR10a, CLSX14, Gno14, SG13, CBGK13, DTG +14, EGG12, GCE14, GLB +11, IX10, JNM12, JMV +12, JMGN13, LR13, MS10a, MBS13, Sti12, WH11, GPE13]. globular [ORHI13].
gluon [AiNT14]. GMsFEM [CEL14, EGH13]. GNAT [CFCA13a, CFCA13b]. goal [BDA12, GBB +13, LDA10, RKM11, WR11].
goal-based [GBB +13]. goal-oriented [BDA12, LDA10, WR11].
Godunov [GF11, LTA14, LTM14, MBB13, PDA11, SFD12, TVE13]. Godunov-like [MTB10, MT10]. Godunov-type [BR10a, CLSX14, Gno14, SG13, CBGK13, DTG +14, EGG12, GCE14, GLB +11, IX10, JNM12, JMV +12, JMGN13, LR13, MS10a, MBS13, Sti12, WH11, GPE13].
good [CW13, CB10]. Gordon [BB12b, VBSK10, VW14b].
governing [PSM13].
GPU [BD14a, BGZ12, CCB12, CS13, CRK13, DMT11a, FTF14, GCF13, HTL11, HS11, HU13, IL13, JWS12, KSP13, KO12, KA13, KAG14, MDP13, MdVS13, NWS12, NVS13, PMMB14, PAG11, QL11, RCQL11, RBCK10, SBB13, Sch13a, STC10b, WK13b, Wei12, XDL +14].
GPU-accelerated [BD14a, IFD +12, NVS13, STC10b, WK13b].
GPU-based [HMOH11, KO12].
GPUs [SSK +12, APGL12, AJG +13, BFE12, CB11, KAG14, LLL10, NS14a, SBWF14].
Grad [PCF +13]. graded [HBZL14, HG11, MTG11]. gradient [BV14, Cam13, CJP +14, GW12, IF10, LDM14, MS10b, MOV12, Mé11, NRS10, RSS10, SCC14, WAP14, XY14, ZG11, Fat10, MMM13]. gradient-augmented [LDM14, NRS10].

grains [JR14].
grained [ALGB +13, LG14, PA14, ZZK +14, ZKKF10].
graining [Ich13, KKPV12].
grain [JR14].
gravy [MSTL13, WL11].
graviation [Ich13, KKPV12].
gravity [GCFJ13, NDV +11, SGC13].
gravity-driven [GCFJ13, SGC13].
grazing [GH14].
gritty [SYL12, YLW10].
Green [PDZ +14, BCL +11, BD14c, CR13, HAD10, JC10, JK11, KN11, LGH10a, ML14, LD12, LGLX14, PEE10, TVE14].
Green’s [CB14, MK13, PDC13, VT13].
grids [AINF13, ANIF14, ABHS12, BHS12, BHC14, BOD11, BM14, BV14, BM14, CCKCG10, CRG13, CLSX14, CY13, CR13, DMT +11, DMM +13].
DCL11, EZ10, EQYF13, Era13, EN14a, EN14b, EAB12, FGR12, FB11, FS10a, FE11, GC11, GCZ13, GH12a, GP12a, HRBK10, HW10, HM10, HLT10b, iFT14, IDNG13, JAX11, KVM12, KM13, Lan14, LRL11, LR12, LB14, LX14, LKTL10, LTT10, LT11c, LLN10, LX12, LXS13, LZZR10, MB12, MAB13, MZ11c, MTG11, MG14b, MK14b, NDV11, OD12, PB11, PRH14, PHRG13, PYK10, PB13a, PB14a, PAM10, RXW11, RTKS10, SKU13, SGS13, SSS10, SSM10, SC11, SFWP10, SR13c, SYV14, Son11, SV10, TF10, TDVG13, TRL14, TD11b, TLO14, Ty14, UJ11, VMA14, WYS12a, WY10, WG14, XIX14, XDX14, YMS10, Zie11, vV12].

Gross [MWRZ13, LX14, Sal14, TA12].

Ground [LLSW14, AD14, BCW11, BD11a, BCZ13, CCW11, Don11, FT12, Wan14, ZD11a].

Hank [AK12, CMO14, KBRM12, MG14b, MK14b, NDV11, OD12, PB11, PHRG13, PYK10, PB13a, PB14a, PAM10, RXW11, RTKS10, SKU13, SGS13, SSS10, SSM10, SC11, SFWP10, SR13c, SYV14, Son11, SV10, TF10, TDVG13, TRL14, TD11b, TLO14, Ty14, UJ11, VMA14, WYS12a, WY10, WG14, XIX14, XDX14, YMS10, Zie11, vV12].


heat [BD12, BDLGC13, CdCNN14, Coo13, CCG11, ETW10, GP12a, HS13a, HK11, JYHT10, KK10a, KKV12, KSR14, LN10a, LCC11, LN10b, MB13a, Mar10b, MM11, NT14, PGR10, PBdGP14, SD14c, ZYT13]. heat-conducting [KSR14]. heating [KS13a]. heavy [AiINT14].


Heterogeneous [LR13, AB12, AT13a, BCL14, CTP13, CL11a, CSX14, DM13, Dur14, EGG12, LMFH11, LH10c, Liu11a, LW13b, MZ11b, MJM13, MMJ14, SKN13a, SGS13, STD+10, TLG10, WT13, WHT14, WLW14, WGD12]. heterostructures [MZB12]. Heuristic [WFL10, Phi14]. HEVI [WLW13b]. hexagonal [Gas11]. hexahedra [BD13]. hexahedral [FGZ12, JLZ13]. hierarchic [MMD+11, SL13a]. Hierarchical [AKP+12, JZ10, Kuz14, Sog14b, ZKM+11, BH13c, HKJ11, HKL10, LLY11, SY14a, SSb+12, XLD+11, LXS+13]. hierarchy [MT13]. High [AQ11, AL10, AME14, AMP14, AF11, AN13, BGH10, BD13, BL10, CYK+14, CCD11b, CJP+14, CDHM11, DLGP13, DMR14, Fan14, FT11, FC13, FMM+10, HRBK10, HOK10, HTHG14, IG14, KM14b, KEGM10, LGLX14, LL14a, LB10, MTT13, MTB10, Mig14, MSB14, NPC11a, NCKN10, OAKR14, PPWZ11, QB14, SHCY13, SFCF10, SIDG13, TR11, UJvL10, VQVD11, WSY12, Whi10, WD11, Wit13, XQXC14, XW14, Zha10b, AB12, AN13, AN14, ALR11, Ain14, AETT11, ABK12, ABK3, AH10b, AJ+12, BHB11, BMS12, Ba12a, BNT14, BDMP13, BCM12, BSS14, BS10a, BLR13b, BK14b, BKW10, BL13, BL13, CBLR10, CX13, Cap11, CDSP13, CTG12, CWL10, Cz11a, CXL14, CMQ14, CEL14, CDL11, CLAL14, DEH11, DMT+11, DMM+13, DL13b, DAE13, DSZ13, DWZ10, DV14, EGW11, EGG12, EL11, FW12, FK10, FP14].

High [Fuj11, GH11a, Gao13, GNGAS10, GBNS14, Ger12, GMC13, GPCE13, GCE14, GCL13, GH12b, GCH14, GXS14, HRK+10, H012a, HRCW13, HE14, HY09, HY11, HLT10b, HAS13, HMOH11, IX10, IKO+14, JNSA12, JX11, JZ11, JLB+10, KLM12, KSU13, KF13a, Kaw13, KKVZ14, KG13a, KG13b, Kwo14, LTC10, LFL11, LIP13b, Le 14a, LSBJ14, LGC13, Ler13, LLZ11, LXF10, LR12, LLZ14, LP14a, LN10b, LM14a, LL14b, LQ11, LQB14, MZ10, MKG12, MN11, MJ10, MZ11d, MZ14, MJK13, MAD13, MPT13, NHE14, NMCZ14, NPC11c, Nic10, NMT+12, OS11a, PDSS10, Par10, PPM+11, Par12a, PGLT10, PVL10, PCF+13, Per13, QLW14, QC10, QS11a, RZ10, RKD+14, RS11, SRN10, SKU13, SRSV11, SM11b, SQC11, SZH12, SCY11, SR11, Syl10, SY14, Sou14, SPM+13, SDH12, SD14e, SY14b, TS11, TWS12, TK12, TK15]. high [Tit12, TY11b, Tyl14, TBNT11, UKP14, UJ12, Val14, VLM13, VWP11, VWF13, VJC11, WSK10, Wan11a, WM10, WYS+11, WZSN12, WW13, WN14, WSBG10, WP14, XP014, XZD+14, YL11, YHM12, YYY12, ZT13a, Z10a, Z10b, Z11, Z12, ZD11b, ZDSP11, vL11, vRLPK11].

High-accuracy [KM14b]. high-contrast [CEL14, EGW11, EGG12, GPCE13, GCE14]. high-convergence [SPM+13]. high-dimensional [JAX11, LLZ14, MZ10, Val14, WZ14]. High-fidelity [AME14]. high-frequency [AH10b, MJK13, TY11b]. high-intensity [RKD+14]. High-order [AL10, AF11, AN13, BGH10, BD13, BL10, CYK+14, CDHM11, FC13, HOK10, IG14, KEGM10, LB10, MTB10, Mig14, MSB14, NPC11a, PPWZ11, SHCY13, SFCF10, SIDG13, UJvL10, VQVD11, Whi10,
IASI [HMOH11]. IBC

IBM [KBT12]. IC [DZL13]. ice [CMG+13, JG13, LTS+10, LPE+11, LKT+12, LKLG14, LJX+14, LFLV14, PTM13]. ice-ocean [LFLV14]. ice-sheet [PTM13]. ice-shelf [PTM13]. icosahedral
[iiFT14, IX10, PB13a, Pud11]. ideal
[BD14a, CLQX13, CRT14, HRT11, LXY11, LX12, SZH12, SIDG13, YAL+11].

IDEc [NS11a]. identical [CBGK13]. Identification
[AGS10, BLM11, Kaz10, BCB12, BBF12, PM14]. identities [AINF13]. IDO
[OAK11]. II [HH13, AP12b, ABK13, BHS14b, CHZ13b, DL13b, HH12a, JPC+14, KJWR14, LR12, LEH12, LB10, Nis10, PZG14, PRA13, SV13, SYY14b, YS11b, ZWL+12b, vdVR12b]. III [NL12b, Tyg10, UGkM13]. ill
[CBPS13, JZ10]. ill-conditioned [CBPS13]. ill-posed [JZ10]. ILU
Immersed [FRP14, PNPF10, ABD14, ADSF13, BBGP14, BF13, Bre12b, CKS14, CHC11, CFKLI1, CB10, CLS10, DP12, DGF14, FDHI11, GGH14, GF13, GH10, HL12b, HDD14, HKL14, HCS11, HCS12, HW14a, JYHT10, JMW12, KKP10, KSR+14, KF12, KLP10, KL10a, KLP14, LT10a, LGC11, LY13a, LL12a, LSZ13, LH14b, MR13, MVS13, MDH+10, MZB12, NTV14, SM11b, SM11c, SSC13, TLZ+11, TH14b, WZ11, WS10c, WYC13, Xu11, YS12a, YFL+13, ZF12, ZF14, CF11a, GCBH10, GCBH13].


Improved

[AA13, BV13, CWW10, GP13, iIT14, MS12, MG11, Rot13, SM12c, Stu10, WW14, ADMA13, HKLY13, HCS11, KF12, PA14, SM11c, SY12b, SCC14, SLH+11, TR12, VXB14, WZZZ14, WTK14, WS10c, YZ12, YYB12, ZJW12].

Improvement [Ren11]. Improvements [PGA11, Nor13]. Improving [GHM10a, LTS+10, FSTY14, GHM10b]. impulse [TR12]. impulsive [Ji12, LXR12]. in-order [KH11]. Including [CLG13, Gen11, BBC+13, BD14c, DLM13b, Ger12, KM11, MGN12a].
inclusions [Par12b, SBA13, SLC+11]. Incompressible
[BHS14a, BHS14b, LSR12, ZMD14, APF13, BMP14, BNNW11, Boe11,
BD11b, CJJS14, CCKCG10, CEP12, CP10, CXLF14, CB10, CLS10, CL11b,
CJN+13, CDB13, CdCD12, DLZ+11, DP12, DF14, DS10, DS12, Don14a,
Don14b, DKC14, EQYF13, FW12, FSL10, GLL14, HRK+10, HOK10, HF11,
HHH13, JM12, KKAS12, KGG10, KKO13, KRT14, LDM14, LSBJ14, LVFK14,
LMGS13, LLP10, MBS13, MHS+10, ML11b, Min13, MSB14, NPC11c,
NL2b, NvdVB13, OA10, OP10, OM12, OS12, PMSH10, QS11a, RP13, RC12,
RCvdV13, RHGT10, SSIa, SK12a, San13, SVK14, SHCY13, SLI10, STI11,
SFCF10, SR11, SY11c, SHA11, SSL13, TY11a, TVEC12, Tyl14, VBCM10,
Vre11, Vre14, WZ11, WSS12, WS10c, WTSZ10, WS11, XIIX13, XQX13,
YCLK12, YSW14, Yin14, ZAY14, ZBS12a, ZBS12b, ZHS10, ZWH+12, VV13].
incompressible/compressible [CP10]. Incorporating
[Ide12]. Incremental [LEM11]. Indefinite [RVbZ10]. Independent
[HI13, MSTL13, PMF13, RWX11, RB13, Sog14b, ST11a, ZHPS11]. Index
[CK11, MM12]. Indicator [FSTY14, HKLY13, VR14]. Indicators [LQ10b].
Indifferent [GI14]. Individual [AKL+13]. Individual-specific [AKL+13].
Induced [SCB10, SM11b]. Induction [RKGM14]. Inductionless
[BMP14, PBC11b]. Inelastic [SSX13]. Inequalities [BSS12, BS14].
Inertial [NvdVB13, UPDB13, Dai13, Le 12, OTV13, TTR+12, WCM+14].
Inexact [NPV14]. Inextensible [AEV14, FB11, KL10a, RBV10].
Inference [BND+12, EM12, JZ10, Val14]. Infiltration [GCFJ13]. Infinite
[BS10a, HVD13, YD11, Yin14]. Infinitesimally [TTYJ12]. Inflammation
[SMF+13]. Inflow [GHM13, GCA13, JCT11, JLC14, LDS11]. Influence
[FF13, RKM11, ZFJ11]. Infrared [HMOH11]. Inhomogeneous
[CKD10, LP14a, LRBT14, LQ14B, PVDW14, SFCF10, YB14, ZTL13]. Initial
[GHM13, LWS14, LN14, MBS13, PBB14, RKM11, SN14, lT10b, Vai11,
WLW13a]. Initial-boundary-value [SN14]. Initialization [FB11, MD14].
Initio [SD14a]. Injection [VDD10a]. Inner [Zhao10]. Inner-outer [Zhao10].
Input [MZ11a, WZ14]. Inputs [DO11b, KL14a]. Insect [NL12as]. Insights
Instabilities [CDT13, KL12b, SGC13, SHCY13]. Instability
[CF11b, DST14, DWZ10, DE14, GV14, HDF11, Kwo14, MMS13, MJ13b,
VCMGI11, VCS14]. Stationary [vVVK10]. Integral
[AH13a, AST13, AN14, BG10, BR10b, BRS10, Brel12a, BG12, BL13, CC12,
CGMO14, CGS13, Dri10, FHMS11, Gen13, GKH13, GM13, GHM14, GL12b,
HK14, HHGC14, JM12, JRTY11, KJK14, KS11c, KQ11, KCTT13, KG12b,
KNR11, Le 14b, Li10a, LL12b, LL14b, ML14T, QA11, RVB10, SRS10, SC11,
Sak14, WJC13, XV10, YW13, YHM12, ZN10, ZIOF10]. Integrally [Dri10].
Integrals [BG13, KM14b, Men12]. Integrate [Mar10a]. Integrated
[MDTC11, MDTC13]. Integrated-RBF [MDTC11]. Integration
integrations [SKW14, ZHS10]. integrator
[AV13, BM10b, CTP13, HT14, LHK12, TLG10, TAY14]. integrators
[AD14, OTV13, VSC+11]. interaction [BK12a, BC10a, BW13, BBGP13, BCG+13, CKSA14, Deg11, DG12, DGAH10, DEKBF14, FL14, FRP14, FG12, FP14, GCBH13, HCS11, IBO14, KVM12, LS13a, LJJ14, MMH12, NL12a, NPV14, OM12, PB11, Ric13, RMSF11, SZ11, STC10a, SM12c, TLZ+11, TDL+14, Unf13, VRB10, WYL1, WYC13, WC14b, ZF12]. interactions
[Atz11, CHC11, CKD10, DXB+13, GM12a, GKF11, HRBK10, Lap11, PHSA14, RUL+13, RZ10, RKD+14, RWMG11, WK+14, YL11, YS12a, YBK13]. Interactive [BGBR12]. Interconnect [DL10a]. interconnecting [XJ14]. Interface [DK14, FS10a, SS12, AELV14, Ala14, Ald10, BB12a, BHS14c, BH13b, BB13, Bea12, BR12a, BF13, CN12, CDT13, CW10, Deg11, Dy14, DFD14, EC13, ELM14, FG12, FK14, GMB10, Gao13, GW11, GK14, GGT13, HAA14, Her10, HS13b, HFD14, HSW13, IST+12, IXX14, IKO+14, JSA14, JL13, JK14, KSS13, KPK10, KT14, KTT13, KGS10, LP13b, LL12a, LSZ13, LFRM10, LH10d, LZ14, MW12, MNR11, MRD13, MHD+10, Min13, MZB12, MW+13, NZ14, NKF14, OD13, Qua11, Sam14, SN13a, SM11c, She13, SKCC10, SCC14, SPF10, Shu14, SX14, SHA11, SHA12, Sog14b, SS13b, SS14b, SdAW14, SD14c, TSLV11, TFP13, WS10b, WK13a, XZW12, Xue11, ZCD10, Zha10b, ZHL12]. interface-aware [BHS14c]. interface-capturing [JH12]. interface-enriched [Sog14b]. interface-immersed [HDD14]. interface-tracking [BR12a]. interfaces
[BF14, BD10b, BWC11, BvBZ+10, BDH13, DvW14, GGH14, GL12b, GHL14, HWS12, HL14, HWW10, ID10, KL10b, NZ14, PS14b, PS15, PS15, PJCS14, UGkM13, ZWX11, ZL10, ZJL+14, Zha10b]. interfacing [AT13b, BS10b, CDT13, CL14b, CZ11b, Fu13, NCK10, SSHT14, WZT+14, ZYF+10]. Interferometer [HMOH11]. Interior
[HLY11, DL10a, EGL+13, JMKK12, LRL10]. Interlocked [Mét11]. intermediate [PDC13]. internal
[Bal14, BL11, CGJ11, JHT10, PLBR13, VED13]. interpolated [CLS10]. interpolating [dlLCP12]. Interpolation
introduction [CMO14]. Intrusive [TLNE10, AC13, NV14, PL12].

Invariance [Del14, SS14a, WC11]. invariant [BN14b, LJ13b, WZT14, ZS14]. invariants [SGL14]. Inverse [DR14, IK11, Lee14a, TS10, WKMJ13, AS14, CNR11, CLN14, CB12, CXZ10, CV10, EWH14, FY13, GJ14a, IWG13, IJZ13, JR12, Jin12, KL11a, LL14, LIW14, Métil11, MB10b, TWSN12, WdHX10, WK13b, YLW10, ZM14, HG10].

Investigation [CIJS14, CG13b, LRT13, OLFS13, Ste14]. investigations [Ian11, PPTMDK13]. inviscid [ALR11, CCLS10, CF11b, LLX11a, NHE14, SLI10, TS11, YSW13].

Invisibility [FGE11]. involving [DLC11, DS12, FK14, GBB13, TDL14]. ion [AiNT14, BGGW13, BHBM10, HH12b, HH13, LTC14, MTSG12, PMS14, Tok11a, ZCW11]. ionic [CEK14].

Ion [AiINT14, BGGW13, BHBM10, HH12b, HH13, LTC14, MTSG12, PMS14, Tok11a, ZCW11].

Ionization [CCMG13, KM11, MPPP12b, MPPP12a]. ionized [Gio10, KA12, PSM11, PSM13, PMS14]. ionosphere [TRSM13].

Ionspheric [DST14]. ions [LH13]. irregular [AAA10, AT13b, BvBZ10, GM12b, HG11, HWST12, JMG13, MTG11, SR11, TDVG13, Tsu10, WTYC13, ZYT13, ZWH12]. irregularly [BH13c].

Ischemia [WKMJ13]. Ising [KO12, LWZ13, MMM11]. iso [GRS14].

Jacobians [LFLV14, BDTW10, CTP13, GL12a, Han11, LTS+10, LPE+11, LKT+12, LvZB10, PMMB14, SV13], Jacobian-free [LFLV14, BDTW10, CTP13, GL12a, Han11, LTS+10, LPE+11, LKT+12, LvZB10, PMMB14].

Jacobian-free [LFLV14, BDTW10, CTP13, GL12a, Han11, LTS+10, LPE+11, LKT+12, LvZB10, PMMB14].

Jacobian [LFLV14, BDTW10, CTP13, GL12a, Han11, LTS+10, LPE+11, LKT+12, LvZB10, PMMB14].

Jacobian [LFLV14, BDTW10, CTP13, GL12a, Han11, LTS+10, LPE+11, LKT+12, LvZB10, PMMB14].

Jacobians [RPC14].

Jameson [AGBC14].

Jameson-Schmidt-Turkel [AGBC14].

JCOMP [MPPP12b].

Jenny [Dad12].

jet [SSS11].

jet-noise [SSS11].

jets [CMS10a, SY12c].

JKD [BCL13].

Joint [BND+12, VK12].

Jones [KM14b].

Journal [Dad12, EH15, HSK+15, XS15, Try12].

JST [AGBC14].

jump [KMHJ10, MRR11, ZL10].

jumps [JRTY11, JKQ13, KS11c].

kinematic [LLJ10, MMHA+12, WT12b, WSW13].

kinematic-wave [WT12b].

kinematics [NW12].

Kinetic [ABPSM11, DBO+10, MSS+14, ZGSZ10, AP11, AP12b, AHOT14, AKP+12, BWMG14, Cha13, CILC11, CXL12, DDM10, DL13a, DL13b, ES13b, FJ10, FR13, GCA13, GJLY13, GH12b, HAD10, KA12, KJ+13, KGK13, KSB14, LE13, LXF10, LXL11a, LXXZ14, MMM11, MOV12, Mie13, Mi+13, NKS12, OAACL13, PZTW12, PLT14, SBC+14, SR13a, SL10, Sza12, TDU14, VCS14, XH10, X13, YSW+13, YSW14, YF11, ZA14, ZKV10, LIP12, MHL+14].

kinetic-fluid [DDM10, GJLY13, KA12].

kinetic-moment [GCA13].

kinetics [DR11, LRS10, NS14a].

Klein [BB12b, VBSK10, VW14b].

Kleiser [Li11b].

knife [AV13].

Knudsen [FF13].

Kohn [LSE13, FGZ12, LLYE12a, LLYE12b, MNL+13, SL13a, SBO11, ZCS14].

Kolgan [Rod12, vl11].

Korteweg [LGE+13, YHL13].

Krause [YWS13].

Kronecker [GDHS10].

Krook [MWRZ13].

Krylov [YJK12, AD14, BDTW10, CFW+13, CGG12, CZ11a, CCL+14, DRZ14, GL12a, Han11, JZ13, LTS+10, LPE+11, LKT+12, LFLV14, LvZB10, LL10b, MS10a, PMMB14, SEDW13, TS14, ZD10, vVVK10].

Krylov-based [CCL+14].

krypton [KM14b].

Kullback [BK12b].

Kutta [MA14, WLV13b, AV13, BMD+13, BGR11, BR11, FP12, Ian11, KKVZ14, Ket10, KHHK12, Lan14, LP14a, LLH10, NYM13, NMCZ14, NDB12, RT14, RHX14, RA10b, SK12a, S13, SLT+14, SK12b, Tok11b, TD11b, TD12b, WS10b, XCL14, ZT13b, ZS13, ZZSQ13, vdVR12b].

Kutta-Legendre [MA14].

L [EH15, XS15].

LABSWE [Zho11].

lacunae [PT12].

laden [Bre12b, CD13a, KF12, KBB13, MB11, VdMS+14, ZF14].

lagged [SS10a].
Lagrange [BCD14, CD13a, RHGT10, Wal13]. Lagrange-remap [BCD14].
Lagrangian [HAQ12, Ald10, AH10a, Atz11, BHS14c, BAB+13, BLA+14, BBG+11, BR12a, BRSS11, BD14b, BBD14, CK11, CdCNH14, CS12a, CEP12, CS10, CS14a, CS14b, CGMQ14, CDLL12, CSC14, CMS10b, Del11, DL12, DKR14, DF10a, ES13a, GT12, GQ11, GH12b, GQ13, HLM11, IL11, Ion13, JZ11, JZG14, KBS14, KD10, KS12, KS14, LNU10, LGF11, Li13, LHB10, LS10b, LSVW10, LMS+10, MAB+13, MRD13, MVS13, MVG+12, MKB+13, MLBK14, MV13, MHGM14, OS11b, OS14, PRA13, PB14a, QC10, QSI11a, QSI11b, RS12, RS11, SSB13, SZF12, Sco12, SYL10, SB12, SP14b, TS12, TBR13, VV14a, VBX14, VMA14, BCM10, VSC+11, VdMS+14, Wan10, WPP10, WYS12b, WD11, WYC12, XQXC14, ZS14, Zer10]. Laguerre [Sal14].
EFT13, Fan14, FCN+13, FC13, GAV13, GPP11, HHS+13, HA14, IDNG13, J51a, Kri10, KL12c, LRL11, LR12, M13, MNS13, MLM12, NF12, Par12a, PYK10, QL11, QL12, RSS13, SABH11, SHZ13, TS10, TWSN12, hT10b, XLD+11, XCL14, ZS10a, ZWL+12a, ZWL+12b, ZLCW14]. Lax
[CKMD14, BBCH+12, BS10a, CCD11a, CVI+13, DLC11, DWZ10, Dur14, FL13, KKS13, KBOG13, LH10a, LBT11, LMQ+11, MMS13, MBL+14, MIW14, NMZC13, NMCZ14, SF12, SDH12, WQS13]. Layered
[AN14, ABS+14, CC12, Dur14, HNS12, Li10a, LTC14, STD14]. Layered-media
[AN14]. Layers
[AKMD14, BBCH+12, BS10a, CCD11a, CVI+13, DLC11, DWZ10, Dur14, FL13, KKS13, KBOG13, LH10a, LBT11, LMQ+11, MMS13, MBL+14, MIW14, NMZC13, NMCZ14, SF12, SDH12, WQS13]. Least-Squares
[CD13b, OS12, HGWI11, HMM+10, HY09, HY11, JMFO13, NOT14, PR11, WHB14]. Least-Squares/finite [HGWI11]. Left
[LS13a, MNKS13]. Legendre
[MBA14, KGK10, OS12, QZM+12]. Leibler
[BK12b]. Length
[CFG13a, Cou11, JR14, KS13b, Qua11]. Lennard
[CS14b]. LES/PDF
[VWP11]. LES/RANS
[XJ12]. Leslie
[CTSM13]. Less
[I11, LD12, OBT11]. Less-than [LD12]. Letter
[HAD10]. Level
[CKS14, CLW10, CV10, ILM+13, RB14, ZLL10, ABD14, BOD11, BW13, BH13b, BLIM14, BV14, BG12, CCFCM11, CP12, CZL10, CW10, CF11c, CKR14, DCVM11, ELM14, FB11, HZ11a, HNS10, HCS+10, HQL+10, Hys12, JCC14, JS13b, KAFB11, LSI14, LP13a, LMD14, LWF11, LZZR10, MCLG10, MD14, Min10a, M13, MHGM14, N10, NW10, OP10, OD13, PHRG13, SOG14a, SM11a, Sam14, SN12, Sha13, SJ10, SKR14, SS14c, VDD10a, VB13, WABI11, WSS12, WJTY10, WZ10, XYL12, XR14, YYY+14, YLI14b, Z10a, ZCI11, ZWL10, ID10]. Level-set
[CLW10, ZLL10, BOD11, BG12, CB10, MCLG10, XYL12, XR14, ID10]. Level-sets
[ABD14]. Leveraging
[WTK14]. Leverett
[MJM13]. Levin
[STD14]. Lid [MAPP13, RTS13]. Lid-cavity [MAPP13]. Lie
[CMN12]. Ligand
[JJM13]. Light
[BH13, IFD+12]. Light-scattering
[IFD+12]. Like
[BI11, BRVE12, CR14, Don10, FDHP11, LL14a, LZZS13, MLBK14, Par12b, TK12, TK15]. Likelihood
[MV12]. Limit
[CJNS12, CTG12, DDS12, GH14, KWH12, Mic13, RS13b, RS14b, SL10, VP10, WHB14, WJW13, WJTY10, YR13]. Limitations
[BGM+11]. Limited
[KG12a, AA13, BS14b, Nor14]. Limited-area
[KG12a]. Limiter
[DFNNRdlA14, ICC+10, WP10, XQX13, ZS14, ZT13b, ZS13]. Limiters
[GD10, GL12a, GTSC14, LRL11, LR12, ZQ11, ZZSQ13]. Limiting
[DZLD14, Ger12, KKL10, KMSS10, Kuz14, MMD+11, PYK10]. Limits
[ARF12, DWL10]. Line
[BSSW12, Coa12, GW12, GW14, HGW11, Per13, RB14, SN12, SSC13, XR14]. line-based [Per13]. Linear
[CD10, Chi12, HSD11, HDD12, MMR12, RBS12, SLGB12, SGL14, dPSS12]. Linearily [GJ11, BLJ11, CNST13, PSF+14, WXY14]. liners [GB14]. lines [SS13c]. Link [AOCR12, OAKR14]. Link-wise [AOCR12, OAKR14]. linked
[CVC12]. linking [WQCS13, ZKKF10]. Liouville [CT13, HAMA14, JR12, ZK13]. lipid [SM11a, SBA13]. Liquid
[AAT+14, AH10b, BM14, CWL13, CW13, EGG12, FL10, GS11b, HLD14, KRT14, XSS10, YDN10, QZ11, B12, BS10a, BSS12, BGG12, CSX14, DTC+14, EGW11, EAG14, ELM14, FLM12, GDHM11, GPCE13, GP12a, Gri12a, GZX13, GX14, HRBK10, JMG13, Kri10, LGP12, LIX+14, LLYE12a, LLYE12b, LR13, LMB14, MRTC11, NR10, RV10, SP+13, SEBG12, WAM14, WTYC13, WT14, YO11, YR13, ZHS10, JWV12, SYJ11]. Local-global [EGG12]. Local-in-time [YDN10]. localization [DDM10, WKMJ13]. Localized
[AVKP11, LBR14, PA12, CG11, GAV13, LCNK10, MS14b, SC12]. Long-range [PA12]. Long-time [AVKP11, LBR14, MS14b]. longitudinal [BCC+13]. loop [ADMA13, MRS14b]. Lorentz [VCGM11, YXD+14]. Lorentz-boosted [VCGM11]. lossy [SVS11, She13, VBSK10]. Low
[ZMG11, AT13b, BP13b, CW10, CS14a, CJP+14, FGR12, FAY+13, FK14, GMB10, GL12b, GHL14, JLZ13, JH12, KSU13, KBSV14, KGSS10, KS12, KS14, LX13b, MGJZ10, MMHA+12, SSHT14, SC10, Wan10, XZW11, ZJT10].

materials [AJV11, ASGW11, BM13a, DLC11, DFW10, GG13, HBZL14, SSB+12, ZBS12b]. Mathematical [SY11b, BBGP13]. Matlab [KA13].

matrices [AM13, And10, DS12, SY14a, SHZF12, ZT10b]. Matrix [Opp13, RJG10, WIJ13, Boy13, Brü13, DB12, HP13, HHC14, HPLS10, HW10, IFD+12, Kim13, LTH10, LWD13a, LWD13b, LLY11, Liu11b, OM12, SR13c, WT12a, YS12b, SBN12]. Matrix-free [WIJ13, OM12].

matrix-vector [LLY11]. matter [RARO13, RKD+14]. matters [LG14].

maximization [AETT11, EHA14]. Maximum [ZZS13, FLM12, MT13, NMV13, RPA13, Rot13, VL14, QX13, QX14, ZS10a, ZY13].


[BPM13, PM+11, SCJE14]. mechanical [GP12b, MPT13]. mechanics [ALS+14, ABHS12, GBC11, JHDC10, MNKS13, NP12, NKS10, OPLM14, T14]. mechanism [BRS11, MZ14, Rie10]. Mechanisms [RBNS+12, BJLR14, Nag14a, Nag14b]. media

[AN14, AST12, BHM13, BCL14, CTP13, CZ13, CSW14, CL11a, CC12, CSX14, Coa12, DM13, DFVY14, DL10b, DCM11, Dur14, DV14, EGG12, FR13, FJ12, GPCE13, GCE14, GD10, HSK+15, HZ11b, HLY11, JS13b, KFOS14, LMBF11, LP12b, LCT14, LW13b, LQ14, LE12, MZ11b, MdVBS13, MSL13, MT14, MF13, MJM13, MMJ14, NZ14, OJ11, OP10, OK13, PM14, RBB12, RCC14, dCRCS10, STD14, SK13a, SG10b, SG10a, SG12a, SGI2b, SG13, SGC13, SCHY13, SVS11, She13, SK13b, SL+11, SRS14, STD+10, TL10, TL13, WX10, WT13, WHT14, LSW10, YD11, YL10, Zad11, ZM14, ZVNM10, ZHY13, ZHY13, Zha10b, ZTL13]. mediated [ZM10]. medicine [SR3b]. medium [BR12, CB12, CW14a, GC13, JI13, LII10, RM14, WS10b, WK14, XL11, ZYT13]. melt [KB12]. membrane [FLM12, JMM13, iT14]. membranes

[PRA13, SBA13, WJC13]. memory [BHI13a, NS11b]. Merging [Lip12].

Mesh [DMMGM14, KS11b, AB14, AIX10, ABMT14, AW14, BWC11, BCW13, BCK11, BDA12, BUH11, BBPC14, BCW13, CL10, CDF11, CGG12, CX12, CY14, CMG+13, DH10, Den11, DF10b, DZH13, ETW10, FL11a, Fuj11, GWCA14, HHL11, HB13, HKL10, JLY10, KWS11, KF13a, KG13a, KD10, KG14, LG10, Lee13, LH10b, LH10c, LN10c, LX13b, LBM14, LDA10.
LLS11, LCB12, MAPP13, MPR12, MVG +12, MMH12, NL12b, NW10, PB13b, PWB +14, Phi14, Qua11, RA10a, SVK14, SZF12, SQC11, SY14a, SYY14b, SSW13, Sog14b, SBO11, SS10e, VRB10, Wan10, WR11, WG11, XZWW12, XJ12, YCY11, YD12, ZBS12b, ZJW12, ZL13, Lip12]. mesh-free [KG13a, SBO11, ZBS12b]. mesh-independent [Sog14b]. mesh-motion [CDF11]. meshed [BYCC14]. mesher [AKMD14]. meshes [ALR11, AGSG11, ABJ +12, BMD +13, BDA14, Bal14, BD14b, BBD14, BC10b, CBL13, Cha14, CIZ11a, CRT10, CF11c, CDLL12, CBTR13, Dw14, DLM13c, Far11, FW12, GW13b, GBB +13, GIQ11, IXX14, JLZ13, KWS +11, KS11b, KK10b, KAFB11, KSD12, LRL10, LZ13, LS10b, LSV10, LMBB11, LM14a, MF12, MN11, MIJJ0, MK11, NS11a, Per13, RS14a, SY12a, Sto12, SY12b, TD12a, TGR13, TTD11, TAD14, TR14, WR11, WQCS13, WAM14, WDGY10, WGD12, ZS10b, ZZ13, nZeSL14, ZJL +14, ZQ13, ZZSQ13]. meshfree [GM14a, PRA13, RPA13]. meshing [Cou11, CJN +13, DDF14, KHGW13, Qua11, SPS14]. Meshkov [MJ13b]. meshless [DO11a, HCD11, HBM13, KBGRM10, MWP14, OJW10, RR14, SY11b, SPM +13, SY14b, ZTL13]. meshsizes [Ge10]. mesoscale [DR11, KL12a]. mesoscopic [AVKP11]. metal [BWC13, JLS +14]. metamaterials [HLYS11, LH14a, OK10, OK13]. metastable [ZHW10]. Method [CD13b, ILM +13, KLL13, NDV +11, SY11j, VS11, ZSW10, ZKKF10, AB12, AB13, ABD14, AHA10a, AP11, AP12b, AS14, ASS13, ACB12, AHS14, And13, AAG14, AAT +14, ADS13, AF13, AH10a, AEM13, AOCR12, AM11, BPM13, BFR13, BSSW12, BLOdV14, BD10b, BOD11, BDM13, BGGW13, BH13b, BB13, BMK11, BMK12, BA10, BvBZ +10, BFSVC14, BC14, BBGP13, BKKF14, BK12b, BYCC14, BUH11, BSCM13, BB12b, BV14, Boe11, BS10b, BLR13a, BLR13b, BM10a, BCM +11, BR12b, BOK12, BDLC13, BM11, BHL12b, BG12, Bre12b, BDKV14, Brl13, BGG12, BLR14, BTY14, BL11, CL10, CCLD11a, CL14a, CK13, CP12, CNR11, CLN14, CFCA13a, CFCA13b, CP13a, CP11, CD12b, CGM +12, Cha13, CDT13, CTG12, CT13, CEP12, CF10, CP10, CWL10, CFKL11, CSN13, CS13, CLSX14, CAH14, CXL14a, CSW14]. method [CLX14, CHZ13b, CHZ13a, CTJT13, CPCU13, CW14b, CB10, CZ11b, CLS10, CL11b, CGJ11, CGMQ14, CV10, CGS13, CRT10, CDL11, CDLL12, CKR14, CH11a, CSK10, CSB14, CH14, CJ14, CGG11, CdC12, Cui12, DYYA14, DR11, DH10, DML14, DLD10, DV13a, DNN +10, DNN12, DM13, DRB14, DCL11, DLLW14, DwV14, DWL10, DTU12, DGM13, DP12, DFNNRdA14, DMR14, DL13c, DjY14, DF14, DFI4, DBAV14, DFFL10, DKR12, DZL13, DB12, DBBB1B, DF10a, DGA10, DKW10, DGF14, DWZ10, DF10b, DE14, DZLD14, EMK11, EGL +13, EWH13, EAN11, ELMI14, EMSH14, FDHP11, FN14, FHMS11, FGR12, FT12, Fat10, FRP14, FF13, FL13, FF12, FH11, FY13, FR13, FGLB14, FK10, FP12, FP14, FSL10, FCY13, FS10b, GAvdVB14, GH14, GT12, GH11a, GHS12, GG10, Gao13, GLSC12, GPY14, Ge10, GC11, GCZ13]. method [GW11, GG14, GD10, GL12a, GLC +11, GGH14, GP12b, GM14a, Gra14, GW10, Grl12a, GK10, GWK10, GTSC14, GP13, GPP11, GD14,
GXX14, GLL14, HMI11, HRK$^{+}$10, HS13a, HP13, HGRB14, HJ11, HKJ11, HJB14, HHA14, HR10, Han11, HHS$^{+}$13, HD13, HBM13, HGW11, HNS12, HLS12a, HLS14, HGMM12, HE14, HWST12, HRT11, HW10, HW11, HHGC14, HvB11, HM10, HVT12, HLZ14, HKJ14, HL12b, HDD12, HWW10, HK11, HK13, HY09, HY11, HZ11b, Hu13, HAS13, HKL14, HKL10, HCS11, HCS12, HW14a, HHL14, Hys12, ID10, Ichi13, iFT14, IX10, IST$^{+}$12, IXX14, IJZ13, IKO$^{+}$14, IG14, JMO13, JNM12, JSA14, JYHT10, JMW12, JS13b, JZ11, JLZ13, JHZ10, JW11, JXD14, JMYH10, JZ10, Jin12, JK10, JM10, JG13, JK11, KCG14, KK14, KED$^{+}$12, KKL10, KAS12, KLMJ12, KVM12, KH13, KPH13, KR10, KSU13]. method [KKP10, Kaw13, Kea14, KAFB11, KF12, KT14, KG11, KG13a, KMA13, KL10, KL10a, KLPS14, KBGRM10, KBGO13, KSB12, KHJ$^{+}$13, KMHJ10, KBSV14, KG13c, KL11a, Kri14, KTT13, KG12b, KL12b, KL12c, KBB13, LBC14, LH10a, LDS1, LP12a, LW11, LXM14, LP13a, LT11a, LB12, LRL10, LGP10, LKCY11, Lee12b, LY13a, LB13, Lee14a, LK14, LDM14, BLCL13, LTS$^{+}$10, LPE$^{+}$11, LKT$^{+}$12, LSBJ14, LGF11, LLZ11, LH0c, Li10b, LYE10, sLwG10, LTSH10, LLX11b, LCK11, LH12, LX13a, LXL13, LHY13, Li13, LMK13, LMGS13, LC13, LJ13a, LH14a, LZZ14, LLP14, LX14, LCP13, LGG$^{+}$13, LSW14, LCE$^{+}$10, LSE13, LSZ13, LSV10, LMS11, LMBB11, LM14a, LM14, LRL10, LRK11, LC14, LLH10, Li11b, Liu11a, LZV12, LW13b, LS13d, LW14, LCWN12, LM13, LGP14, LMS$^{+}$10, LLS1, LH13, LCB12, LBK10, LLN10, LXL$^{+}$12, LXS$^{+}$13, Luo13, LF11, LZZR10, LI14, MGJZ10, MZ11b]. method [MWP14, MRS14a, MF14, MS10b, MS14a, MK14a, ML11a, MHL$^{+}$14, MMV$^{-}$13a, MMV$^{+}$13b, Mar13, MMS13, MMHA$^{+}$12, MSS$^{+}$14, MIJ10, MD14, MRD13, MTT13, Mel11, MS14b, MZ11c, MST14, MBL$^{+}$14, MDH$^{+}$10, MBA14, MESSV10, ML11b, MTZ14, Min13, MVCFM13, MZB12, MDM$^{+}$12, MLBS14, MJ13b, ML14b, NSA11, NTV14, NHE14, NRS10, NPC11c, NLGL14, Nic11, NJ12, NB14, NKS10, NCV10, OAKR14, OA10, OHF12, OD14, PBT14, PS12, PZW14, PZG14, PMM$^{+}$11, PP14, PRA13, PL10, PMSH10, PRL10, PPS12, PB13b, Per13, PIN14, Pir12, PH13, PMS12, PBC11b, PA14, PB14b, Pri14, QY12, QC10, QZM$^{+}$12, RSK13, RBB12, RVB10, RCQL11, RTS13, RK14, RP13, RG13, RSS12, RVFK14, RS10a, RSS13, RLF14, RHQ14, Ren11, RGM13c, RR14, RC12, RVCFV13, RWMG11, RPA13, RMM14, RM12, STD14, Sal14]. method [SS13a, SW11, SB12, SAM10, SS11, SN12, SN13a, SF11, SGS13, SM13, SR13a, SG13c, SHCY13, SS10b, SD14a, SM11b, SM11c, Sha13, SSC13, SF14, SH11, SY14a, SY14b, STH11, SYL12, ST13, SJK11, SR11, SBB$^{+}$12, SS10c, SKCC10, SCC14, SPF10, SCH13b, SBA13, SS14a, SC11, SY11c, SY12c, SLH$^{+}$11, SHA11, Sog14b, SBvdV11, Son11, Sou14, SM10, SM12c, SMS14, SAA14, Sto13, Stu10, SSK$^{+}$12, SS14c, SDAW14, SL13b, SSY13, SD14c, SY14b, Tak14, TNK10, TK14, Tql13, TM10, TQW14, TPF11, TG14a, TF10, TSL11, TDVG13, TVE14, TLZ$^{+}$11, TIt12, TCL11, TL13, TRL14, TE11, TVEC12, TH14b, TBR13, UWB12, VR10, VP14, VB13, VH13, VMS11, VMS12, VS14, VM10, VDP11, VHF13, VdMS$^{+}$14, Vrc14, Wan11a,
Wan13a, WWS10, WXZ10, WS10b, Wan10, WW11, Wan11b, WZ11].

**method** [WT12a, WSS12, WYS12a, WWZ13, WW13, WD13a, WK13a, WLL13, WZG+13, WD13b, WQCS13, WZN14, WZZZ14, WLW14, WDP+14, Wan14, WC14a, WP10, WMYYG10, WRH10, WJTY10, WK13b, WY10, WY11, WC11, WSBG10, WZ10, WS10c, WTSZ10, WS11, WLPG11, WJC13, WWS+13a, WTYC13, WYC13, WT14, XZW11, XZWW12, XFB+14, Xie14b, XIIX14, XPO14, Xu11, XYL12, XMDG13, XMDG14, XW14, XR14, XCL14, XJ14, YMS10, YMS12, YYY+14, YAL+11, YDN10, YL11, YQ11, YD11, YXZ13, WWS13a, YK13, YM14, YZX14, Yao14, YMLM+14, YM10, YHL13, YK12, YZ12,YW13, Yok13, YN14,YL14a,YL14b,YL10,YS13,YB14,YF11, ZM10, ZBS12b, ZFH14, ZW10a, Zha10a, ZOWZ10, ZIC11, ZHPS11, ZMG11, ZFJ11, ZOJR11, ZYHW13, ZYT13, ZLCW14, ZKZ10, ZIOF10, ZTL13, ZMD14, ZW10b, Zho10, ZHL12, ZL13, ZCS14, ZF14, ZTS+10, ZWJW10, ZQ11, ZSZQ13, ZKM+11, vHrTBC11, ABMT14, CF11a, Chi12]. **Method** [CM13, DDL13, GCBH10, GCBH13, HG10, MBR11, MNR11, MOSW12, MV13, SS12, BMS12]. **methodology** [AS12, FW11, GCA13, LGE+13, VDD10a]. **Methods** [KSK13, AJRT11, AP12a, AQ11, AVKP11, AV10, AL10, AK12, AJV11, AWK+11, ABHS12, APY14, Atz10, Atz11, ABJ+12, BMD+13, BCW10, BD11a, BCZ13, BTX13, BQL14, BR10a, BC10a, BGN10, BBCH+12, BBG+11, BDTW10, BdF10, BGM13, BHK+10, BP13a, BRSS11, BY11, Boy13, BF13, BHM10, BCW13, BS14, BC10b, BKE12, CP14, CH11, CF11b, CCW11, C11a, CS12b, C12C, CHK13, C13K, CY14, CLQ13, CC14a, CCZ14b, CH10, CSK14, CSX14, CCY13, CR13, CDHM11, Coo13, CCL10, DL12, DLGP13, DG12, DAEB13, Don10, Don11, DL10a, DSZ13, DSHP11, DCM11, DV14, EGW11, EGH13, EF13, FKM11, FHDP11, FPX+13, FL14, FL12, Fu13, GPCE13, GCE14, GM10b, GBS+14, GH11b, GRS14, GKN+11, GL12b, GJ11, GBC11, GD13, GQ13, GZQ13, GH10, GWCA14, HPV13, HCD11, HMS10, HL12a, HRBK10]. **methods** [HL10, HTHG14, HLL13, HHD14, HLY11, IF10, JWNL11, JC13, Jar12, JKW11, JPC+14, JL13, JC10, JZ13, JZ14, JLB+10, KL14a, KG12a, Ket10, KAB+14, KA13, KL11b, KQ11, KGSS10, KS12, KS14, KHHK12, Kuz14, L5M14, Lan14, LH13, LFKP14, LOG12, Li10a, LXY11, LX12, xLW13, LLW14, LGLX14, LY14, LLMY14, LT11b, LSVW10, LN10c, Li1u, LP14b, LQB14, MC12, MFF11, MNF+10, MJ13a, MMW14, Mig14, MF10, MS12, MK14b, MKIG12, MNL+13, MLM12, MWW+13, MWY14, NV14, NPC11b, NPC11a, NP12, NN12, NF12, OJW10, OS11a, OS14, PDZ+14, PVLT10, PWK11, PB14a, PMM14, PNPF10, PS14b, PHSA14, PGA11, PPWZ11, QSI1a, RT14, Ran11, RSS10, RHB12, RBCK10, RS10b, SK12a, SA13, SM12b, SJBL11, SH13, SRS10, SRSV11, SBP+10, SWX12, SY11b, SSFM12, SC10, Soa13, SK12b]. **methods** [SC12, SR13d, SdAW14, ST11b, TSL+14, Tok11b, TD11b, TS14, TLNE10, UV1L10, UJ11, UJ12, VCMCG11, VLM13, VW11, VW13, VBC10, VSC+11, VG14, VSK10, Wall13, WK10, WPP10, WSYS12, WD14, WW14,
WX14, WPK14, XXS10, Xin14, XL11, XLD+11, XS13, XST13, XH13, XH14, YC11, YF14, YKWS13a, YKWS13b, Yok13, YBK13, YWL14, ZT10a, ZK14, ZF12, ZWL+12a, ZWL+12b, ZHY13, nZzSL14, Zha10b, ZOL+11, ZT13b, ZHS10, ZS13, ZT10b, ZWL10, ZMD+11, vDS12, vRLPK11, ABH+14.


MgSiO [Ber14]. MHD [HY11, BMP14, BDA14, CNSFD13, CLQX13, CH11a, HY09, HY10, Li10b, LXY11, LX12, LT12, LL10b, MGLS12, MTB10, MT10, NL12b, PBC11b, SPB+10, SC13, SIDG13, TG14a, XPO14, ZN14a, ZN14b].


Minimizing [BBM14, KTT12, LRN13, LMS14, KG13c, LS10b, LMS11, LBMB11, LM14a]. Minimal [JNX13, LRS10, TR11, WA12]. Minimising [GBB+13].


mixed-precision [CCB12]. mixing [CS12a, JNW+14, MJ13a, RS10b, VWP11]. mixture [MFMI2, PS14a, PS15]. mixture-energy-consistent [PS14a, PS15]. mixtures [DGF14, Gio10, LC13, Liu11a, LR13, PvdxTB+11, VP10, VP14]. mKdV [GAV13]. MLPG [LCK11, WTZ10]. MLPG.R [SM12c]. mobile [RB13]. mobility [CGC13, JMJ13]. modal [BGHM13, PMSM12, PS14b]. Mode [GPECI3, GCE14, GKS+11, KG12a, LL12b, LL14b]. Model [EC14, HH13, And13, AC11, ABPMSM11, BNT14, BHS14c, BBCH+12, BLM+14, BMD+12, BDH13, BCL13, BSDM12, BWMG14, BCL+11, BKW10, CFCA13a, CFCA13b, CP111, CEK14, CM14, CF10, CBW10, CSW14, CGB11, CLG13, CH10, CJI11, CF11c, CDS13, CBCM+11, CDB13, Dad12, DTG+14, DDS12, DXB+13, DF+10, DRZ14, DKA12, DEKBF14, EDCE14, EGG12, EWH14, FG12, FC10, FCH13, FK14, Fuj11, Fuji13, GW12, GW14, GDW11, GHM10a, GHM10b, GM11a, GHS13, GHP13, GV13, GK14, GGT13, HK11, HHA14, HHL11, HVD13, HZS12, HMOH11, HW14b,
HCM10, IX10, JMJ13, JTH10, JG13, KL14a, KG12a, KRF12, KGG10, KL10b, KO12, KK10c, KBB13, LGH10a, LMFH11, LBT11, LHH14, LKT+12, LJX+14, LGLX14, LZC+13, LWZ+13, LTC14, LB14T14, LMM14, LBZ+10, LFLV14, MZ10, MZ11a, MS14a, MWRZ13, MPWK13, Mit13. **model** [MSTL14, MMT14, MVG11, MGN10a, NL12a, OHF12, ORHH13, PZTW12, PTM13, PBC+11a, Par10, PBC+14, PS14a, PS15, Pie12, RFFK14, RJ13, RBNS13, RCCC14, RG12, SBWF14, SM11a, SN13a, SMP+13, SH14, Sch13a, SO13, SC13, SSW13, SRS14, SKR14, SN13b, SS13c, SV10, Sz12a, TBHH11, TF13, TS12, VP10, Vre11, WZ13, WZ14, WT12a, WMK13, WS13, XHF13, XFB+14, YP13, YCH+13, Yok13, Yok14, YN10, ZA14, ZFJ11, ZYHW13, ZMQ13, Zho14a, DK14, HH12b]. **model-order** [DRZ14].

Model-Scenario [ECD14]. **modeled** [KRT14]. **Modeling** [ASXZ14, BI11, BM11, CW10, ES10, IBO14, KL12a, KST10, LZV12, LBK10, MGLS12, OLC13, VLM13, VKBK11, WK10, Wan10, YFL+13, YXD+14, ZHW10, AH13a, AL10, AAG14, ACCM12, BWS10, BC10a, BKDK14, BGBR12, BBD11, BHBM10, CRS14, CCMG+13, CW14a, CL11a, CMG+13, DST14, DKR12, DL10a, DGAH10, FT11, GSTB13, GJLY13, HNMM10, HG11, HSK+15, HBZL14, HH12b, HH13, HLZ14, HH13, ICC+10, KBTD12, KL+14, KEGM10, KK+13, Kwo14, LRT13, LB13, LIZ11, LYE10, LHY12, LLZ14, LG14, Lip12, LZ10, LVZK14, LP11, LM14b, LMQ+11, MB13a, MCA+13, MBMV13, MBL+14, MF13, MG14, N14, NKF14, OD12, OP10, PL14, PM14, RG13, RKGM14, SG10b, SG10a, SMF+13, SB12, SKt10, TH14a, TTR+12, Tok10, TvdHS+12, VCGM11, VHWF13, XFC+14, XJ12, Zad11, ZM14, ZZK+14, ZKM+11]. **Modelling** [KSD12, RBB12, RKD+14, STC10a, ERS14, FGE11, GM11b, HCD11, JR14, JW12, Nag14a, Nag14b, PLBR13, SMS14, VBVD10, vDS12]. **models** [AVKP11, AP12b, AELV14, Ala14, AA13, BF14, BDTW10, BS11a, BN14b, BJLR14, BM13a, BDMV11, CJS14, CD10, CVC12, CNR10, CLS14, CJ+14, CP13b, CB13, DLM+13a, EWH13, EKE14, FY13, FvdB12, FQV13, FP12, GHH10b, GH11b, GRS14, GP12a, Gri13, Gri10, Gri1a, Ham10, HMM14, HBP10, HSD11, HLLW11, IS12, IWG13, KH13, KVC+13, LXM14, Le 12, LHS+10, LX10, LC13, LY14, LE12, MZ11d, MZ14, MJ13a, Mic13, MPP12b, MPP12a, Min13, MY14, NMX12, NB13, PBWK11, PR11, PRA13, PB11, RV10, RE13, RPA13, SLGB12, SS14a, TQW14, TPF11, Tau12, TAT14, it14, WABI11, WT12b, WMYYG10, Wei12, YWS13]. **moderate** [MCA+13]. **moderately** [NS14a]. **modern** [YS12b]. **modes** [PBdGP14, RWX11, Tan11]. **modification** [LGP14]. **modifications** [HT14, MRS14b]. **Modified** [CWC11, SOG14a, SB12, BHL+13, CG13b, Gur14, HG10, HW14b, JKK13, KKS13, QKI11, LCK11, MAD13, SC10, WV14, ZMG11]. **modular** [MVCFM13]. **modulated** [IBO14]. **modulation** [ACB12]. **MOF** [JLZ13]. **moist** [MMV+13a]. Ste14. **Molecular** [ARF12, LWCR10, BB12a, CD12a, CWC11, CLW10, Dad12, Dav10, Dav15, DXB+13, GW11, Gen13, GL13, JTH10, JFC+13, KSS14, KM11, KH11,
multilayer
[CGP10, RF14b, Ols11]. multilayered [DB12].
Multilevel [KKPV12, KLL13, MJM13, RRD
d+14, vdVR12a, AB13, CMS10a, CLX14, LLW14, MIJ10, MBLM10, MSD12, MMJ14, YC11].
multimaterial [BHS14c, BBG, SKR14]. multimaterials [GIMT14].
multimesh [DB12].
multimaterial [BHS14c, BBG, SKR14]. multimaterials [GIMT14].
multiphysical [M¨on13]. multiphysics [BP13b, CNSFD13, TQW14].
multiple-cell [Li12].
multiple-frequency [GGG+13]. Multiple-relaxation-time
[YN10, HW14b]. multiple-scatterer [VBVD10]. multiple-time-scale
multipliers [RHGT10]. multiplying [RF14b]. multipoint [APY14].
Multipôle [DDL13, HW10, HW11, Lee12b, LOG12, LGG+13, LC14, NN12,
PA14, Tak14, ZHP11, CB14]. multiprocessors [NS11b]. multiquadric
[BMK11, BMK12]. multirate [BM10b, SLT+14]. multisolution
[ACG14, dILPC10, PA12, RCW11, RS10b]. Multiscale
[CEGG14, EGW11, GSTB13, GW11, HHH13, JTT14, KF13b, KL13, PL14,
Ste14, TL13, WPKK12, WMK13, XFC+14, AB12, BLQ14, BGGW13, BA10,
BILM14, BDM13, BLR13a, BLR13b, BM13a, BSS11, Chi12, CJ14, DDM10,
DM13, EGG12, EGH13, EGL+13, ETW10, GW10, GFK13, GK10, HJ11,
HK11, HLSO13, JK10, KL12b, KKC+13, LB13, LYE10, LDDBR13, LTL11,
MZ11b, MCJ14, MKGV12, MMV+13a, MMV+13b, ML14b, OK12, OK13,
PLBR13, RUL+13, RG13, SKN13a, SMF+13, Sco12, SC13, VBCM10, WZ13,
WHT14, YCH+13, ZOWZ10, ZYHW13, ZHS10, HPV13].
multiscale-multigrid [GW10]. Multiscale/fractional [JTT14].
multislope [BC10b, CRT10]. multistep [CK11, LBM10]. multisymplectic
[KH10, ST11b]. multitude [EQYF13]. multivariate [DKR12, WMI10].
Multiwavelet [VR14]. MUSCL [BD14a, BC10b, CCKCG10, CRT10].

Naghdi [BCL+11, LGH10a, LGLX14, PDZ+14, PE10]. nano
[CW10, HZS12, JC10, KKPV12, KA13]. nano-crystals [KA13].
nano-electronic [CW10]. nano-pattern [KKPV12]. nano-plasmonic
[HZS12]. nano-scale [JC10]. nanocarrier [RUL+13]. nanochannels
nanostructures [NIN+14, TVE14, XX12]. nanowire [RSK13]. narrow
[LDWM14]. narrow-band [LDWM14]. NASA [KYP+14]. Natural
[KTT12, ZYT13, DMHL14, EBGW13]. natures [SCY11]. Navier
[GLL14, KRF12, VV13, AB11, ABPSM11, BK11, BSSW12, Beal2, BNNW11,
NKS10, NNS11, PTM13, PDZ+14, PL14, PT12, PWB+14, Pir11, SBWF14, SG12b, SSM14, SBS11, SML13, STD+10, SMS14, SJ10, SGV13, UJ12, Vai11, VDP11, WYS+11, WLL13, WS14, YF14, ZN10, nZzSL14, non-adapted [DO11b], non-breaking [SMS14], non-collisional [LWF11], non-compactly [Vai11], Non-conformal [DZL13, PL10], non-conforming [NKS10], non-conservative [AK10, BD14b, YF14], non-deteriorating [PT12], non-dispersive [BRS11], Non-dissipative [LSW14, Pir11], non-divergence [GCvRK11], non-elliptic [SG12b], non-equilibrium [CVIA10, IAM+12, MM11, PWB+14, SGV13, WYS+11], non-equivalence [SSM14], non-Fickian [STD+10], non-graded [HG11, MTG11], non-hydrostatic [NNS11, UJ12], non-isothermal [PL14], Non-linear [FPN+13, XFB+14, AC13, BD10b, Cap11, DEKB14, FVR13, Guy13, MN12, PDZ+14, SBWF14, VDP11], non-local [BSS12, GP12a], non-negative [DR11, MMR12, MM12, NMV13], non-Newtonian [BNM14, KRT14, LXM14, PTM13], non-orthogonal [CRG13], non-oscillatory [CCD11b, CRT14, DB13, FSTY14, FCYF11, HKLY13, HWA10, IG14, JN12, LQ10b, MC12, YF14], non-overlapping [BAG12, JC13], non-periodic [KG12b, LRL10, WS14], non-premixed [GG10], non-reactive [KIF+14], non-smooth [ZN10], non-spherical [SJ10], non-staggered [SML13], non-stiff [CF11a], Non-uniform [AM12, ES14, GGG+13, AW14, ABJ+12, CES14, LH10a, LT11c, MBLM10, SBS11, WLL13, nZzSL14], non-zero [BCG+13], nonconforming [HR10, ZW10a], nonconservative [CG13b], Nonequilibrium [CD12a, GWK10, PPWZ11, SAHS14, ZFJ11], nonhomogeneous [BHM13], nonhydrostatic [KG12a, MMV+13b, SSW13], Nonlinear [APRS14, CFW+13, EMK11, LDN+10, Shu14, WFK11, YP13, AMDR10, AH13b, APC11, BF14, BD11a, BTX13, BHL+13, BBC+13, BS11a, BCL+11, BDLG13, BGM12, CCT11, CWL13, CEGG14, CFCA13a, CFCA13b, CRS14, CZ11b, CGJ11, CV10, CF11c, CSKP10, CLS13, DBAV14, Don10, EO11, FD11, FF12, FCN+13, FC13, FLB+12, GAaV14, GJ14a, GCLS11, GL14, Gno14, GHP13, GJ11, GPP11, HM14, HDHZ13, HM13, JZ13, KK10a, Kri10, LTCN13, LLZ14, LBZ+10, LM14b, LL10b, MTG11, MSS12, MAD13, MY13, MN14, NM2C13, NMCZ14, NMT+12, PR11, PMMB14, RSS13, SK13, SK13b, SCS14, SN13b, SC12, TAT14, TNL10, VK12, VMS12, VED13, WABI11, WX14, WXY13, WXY14, WL11, XST13, YL11, YD11, ZN10, Zha14], nonlinearity [BX12, DYYA14, Vai11], nonlinearly [CCB12, CC13, JXD14], nonlocal [BS11a, CM10, GLWW14, HZS12, WRH10], nonnegative [BM14, LHV13], nonoscillatory [Fan14, ZS13], nonparametric [CZ13], Nonreflecting [CT10, JKR14, GS11b, Vai14], nonreflective [Man12], nonsmooth [YC11], nonstandard [EO11], Nonuniform [LLH10, FS10a, GC11, GCZ13, TD12a, YMS10], norm [CJM13, HPA14a, MA13, Mat14, MAC14, XY14, ZY13, ZMD+11], normal [BDM13, ELMI14, HLY12, IKO+14, Vol14], nose [NHE14, CWC11], Note [Ano13-53, KGKS13, Try12, ZT10b, CFK111, Don11, Gon12, SSL3, iT14].

null-field [HD13]. number
[APC11, BFSVC14, CJNS12, DDL10, Del10, FF13, FK14, GW10, HRK+10, HGSK+13, HKM12, Kwo14, Lee12a, LHB10, MKB+12, MBD13, Mor10, NL12b, PAG11, Rie10, Rie11, SRN10, SM11b, SCB10, TGGT13, YYY12].

number-density [LHB10]. numbers
[CBGK13, CLAL14, HY09, HY11, MCA+13, MG14a, WW13, vRLPK11]. Numerical [AP12a, ACB12, ABHS12, BD11a, BTHX13, BBCH+12, BFO14, BR52, BJLR14, BX12, BKW10, BLY10, CCI11a, CWS13, CCGM+13, CM13, CM10, CH11b, CB13, CG13b, CTSM13, DHI11, DDS12, DL10c, FJ12, GDW11, GPS10, GV13, GYH14, GAW+14, Gür14, Har11, HL12a, HBZL14, HZS12, HIH2b, HI13, HWW10, JAV12, JWNL11, JEX10, JPC+14, JZ14, Kat14, KDS14, KJWR14, Kha13, KLP10, KLP14, Kwo14, LKP14, LCY11, Lin13, LP11, LM14b, LT11c, MB13a, MMY12, MNT+12, OLFM14, PPTMDK13, PBdGP14, SEBG12, Tal13, Tan10, Tok10, Tok11a, ULS13, VCGM11, VWP11, Wol12, XST13, YJK+14, Zoh13, Zor13, ARR13, AR14, AME14, Atz10, ABPSM11, BHB11, BVM14, BCW10, BSSW12, BCZ13, BLM+14, Bér11, BS11a, BBGP13, BR14, BN14b, BRSS11, BS10b, BG13, BHHM10, BCW13, CCT11, CIJS14, CCFCM11, CX13].

numerical [CGM+12, CGC13, CDT13, CM14, CWL10, CHKT13, CPX13, CSW14, CL11a, CVIA10, CH10, CSH14, CH14, CLS13, CS12c, CGC+12, CGF+13, Dai13, DDL10, DGLP13, DBAV14, DST14, DFW+10, DW10, DBM+12, DE14, DLM13c, EH14, E15, EL11, Era13, EC13, FBM14, FNGV14, FGLB14, FWF11, Gao13, hGzSwZ14, GMT10, GM10b, GKG+13, GV14, GHM13, Gui12, GLL14, HGW11, HLS14, HV13, HM10, Hys12, JS13a, JTT14, J13+10, JH12, KL12a, KKP10, KSP13, KL10b, KAB+14, KK10c, KRT14, KL11b, LCT13, LFL11, Le14b, LGL10a, LBC13, LP12b, LTS+10, LCE+10, LHB10, LW13b, LWS14, LMQ+11, LHV13, LF11, MDPTK13, Man13, MMS13, MB11, MbVS13, MTT13, MS14b, MCVFM13, MWY14, MPT13, MGN13, MG14b, Nag14a, Nag14b, NMV13, OD12, OA10, OLS13, OBT12, Par10, PBB14, PE10].

numerical [PS14a, PS15, PPW11, Pri14, Pud11, RTS13, RZ10, RHB12, RB10, RM12, SOG14a, SNS10, SRSV11, S14b, ST11, SY11b, SJ11, SCS14, SL13b, ST11b, Tii11, TS10, TSL+14, Tau12, Tai12, TDVG13, TTR+12, TvdHS+12, TE11, TR11, VB10, VP10, VP14, VLM13, WFK11, WWX+10, Wan11b, WLL14, WIC14a, WRH10, WJC13, WWS+13a, XS15, XPO14, Yok13, YL10, ZK13, ZVM10, ZY13, ZPF10]. Numerically [GKF11, KH+13, LS13c]. Nunziato [FP12, PZTW12, TT10]. NURBS [CXL14]. Nyström [BG12, HK14, YHM12].

OBC
[Ano10-49, Ano10-50, Ano10-51, Ano10-52, Ano10-53, Ano10-54, Ano10-55,
optimally [NRS10, WA12]. Optimised [GM11b]. Optimization [BRP14, GTSC14, LSVW10, MMM13, Ost10, vdVR12b, AJV11, ASK+13, BHS14c, BPS14, BRSS11, BRS13, BKV12, CS14c, DLZ+11, DLLUW14, DR14, HA14, LD12, Man12, MNF+10, Mêt11, Mönn13, SAM10, SSS11, SM10, Sti12, TNK10, TDVG13, WS10a, WdHX10, WKMIJ13, YYY+14, YDN10, YD12, ZIC11, ZLL10, ZWL10, ZPGO10]. Optimization-based [BRP14, GTSC14, LSVW10, BRSS11, BRS13, Mönn13, YD12]. optimize [TK14]. Optimized [LLYE12b, ZY13, BSS14, CR14, GYL12, NDB12, TH14a, VG14]. optimizing [Aud13]. options [RA10a]. orbital [MIKG12, SP14b]. orbital-free [MIKG12, SP14b]. order [AB12, AINF13, ANIF14, ALR11, AQ11, ABL+11, AM12, Ain14, AL10, AMP14, AF11, AN13, ACCM12, ABK12, ABK13, AT13b, ABJ+12, BHB11, BMS12, Bal12a, BH12, BNT14, BWC11, BGH10, BvBZ+10, BD13, BYCC14, BS10a, Boe11, BWMG14, BK14b, BBD11, BX12, Bre12b, BL10, BL13, BLR14, CIJS14, CYK+14, CX13, Cap11, CD10, CDD11b, CS12b, CPCU13, CS14b, CH10, CSX14, CGMQ14, CDL11, CDHM11, CdCD12, Dai13, DEH11, DMT+11, DMM+13, DLGP13, DFNNRd1A14, DL13b, DCC+13, DKR14, DAE13, DRZ14, DCL11, DSZ13, DWZ10, DKA12, DV14, EO11, EAN11, Fan14, FPN+13, FL13, FW12, FCYF11, FC13, FVR13, FP14, FMM+10, Gao13, GNGAS10, GBNS14, Ge10, Gen13, GL14, Ger12, GMC13, GM12a, GH11b, GITW12, Gni12a, GCL13, GLW14, GH12b, GCH14, GXS14, HH12a, HAMA14, HAcNT12, HBAP10, HSD11, HRBK10]. order [HRCW13, HE14, HWST12, HK10, HTHG14, HM10, HL10b, HAS13, HAI14, Hna14, Ide12, IX10, IG14, JNSA12, JZ11, JLLZ13, KK10a, KKLR10, KLMJ12, KVM12, KKS13, KF13a, Kat14, Kaw13, KKvZB14, KSR+14, KAFB11, KH11, KEGM10, KVB+14, LH10a, LTC10, LFL11, Le 14a, Le14b, LPE+11, LKLG14, LSBJ14, LGC13, Ler13, Ler14, LLZ11, Li10b, LXF10, LX12, LR12, LP14a, LT14, LGLX14, LY13b, LN10b, LM14a, LS13d, LWS14, LJG14, LM13, LLS11, LL14b, LQ11, Lu10, LB10, MD10, MD11, MDTC11, MDTC12, MF14, MB12, MAB+13, MKGV12, MN11, MJ10, MTT13, MZ11d, MZ14, MTB10, MT10, Mig14, MF10, MTG11, ML13, MTS+11, M13b, Mönn13, MS14, MF13, MIKG12, MNL+13, MW+13, MPT13, NMCZ14, NPC11a, NPC11c, NDBG14, Nis10, Nis14a, Nis14b, NCK10, NMT+12, OS11a, Ols11, PDSS10, PNM+11, PGLT10]. order [PVLT10, PGL11, PCF+13, PL10, PRL10, Per13, PPWZ11, QLW14, QC10, QS11a, RV10, RA10b, RS11, SRN10, SVK14, SGS13, SHHT14, SHCY13, SM11b, SLC12, SQ11, SZH12, SFC10, SCY11, SR11, SYV14, SK12b, Sou14, SN13b, SDH12, SD14c, sSLxRY14, SY14b, SIDG13, TS11, TWSN12, TAI11, TK12, TK15, TDVG13, TIt12, TR11, TGT13, Ty14, UKP14, UJv10, UJ12, VK12, VLM13, VWPF11, VWF13, VQRD11, VJC11, VSK10, VQVD11, Wan11a, WMI10, WPP10, WYS+11, WSY12, WZSN12, WGX13, WLW13a, Wh10, WAM14, WSBG10, WP14, Wit10, WG14, WYT14, XQX14, XDZ+14, XV14, YL11, YXX13, YHM12, YY1B12,

GW12, GW14, GH11b, GRS14, GJLY13, GK14, GWG14, GMG12, HHA14, HK13, HLLW11, HQL+10, HW14a, IK11, KCG14, KT14, LP13b, LQ10a, Li13, LVZK14, LP4H11, LYD10, MB13a, MF14, MFM12, MW14a, MF13, MJI13, MMJ14, PZTW12, PBWK11, PRA13, PBM11, PS14a, PS15, PM14, PZ10, RB12, RDHK12, RB13, RPA13, dCRCS10, SN13a, SF11, SMP+13, SGS13, SNBN13, SSC13, SPF10, SX14, SHA11, SHA12, TK10, TSLV11, TT10, TL13, VP10, VP14, VBCM10, VSC+11, WSS12, XYL12, XR14, YK12, ZM10, ZHW10, ZYHW13, ZMQ13, ZHY13, ZN14b, ZYF+10, ZWJW10.

[DCVM11]. precise [LCK11]. precision 


R13 [RTS13]. racks [ARF12]. Radau [TDL10]. Radial [LSK11, ASS13, BFE12, Boy10, BY11, Boy11, FL10, LB14, Pir12, PH13, RA10a, ST13, SPM+13, MPR12]. Radiation [VWHF13, BDL11, Den11b, EMSH14, FAY+13, GM10a, GD10, KKL10, LKM13, LBS10, MSL13, NB13, Obs11, Obs12, PWB+14, RARO13, RGK12, SS10b, SAHS14, SSV11, She13, WR11]. Radiative [WP14, Boo11, CGG12, DTU12, EMK11, GL12a, GS11a, HMOH11, KBGRM10, KS13b, LTH10,
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[CS13, FS10a, NDV$^+$11, ZS10b]. **Recursive** [TVE14, BMP14, Ren11].

**Redistribution** [Chi12, BUH11, BBPC14]. **reduce** [BDTW10]. **Reduced**

[AB12, BBD11, HBAP10, HW11, RV10, RA10a, SBT13, ACCM12, BH13c, CIJS14, CD10, CKR14, FPN$^+$13, FHMS11, GHS12, GL14, Gri12a, HSD11, KC13, LP12a, SM11c, SLGB12, Sza12, TS12]. **Reduced-order** [BBD11, HBAP10, CD10, HSD11, SLGB12]. **Reduced-rank** [HW11].

**reducing** [AP11, LH10d]. **Reduction**

[BF14, BdCB11, CFCA13a, CFCA13b, DRZ14, EGG12, MLM12, SN13b, TP11, XFB$^+$14, YP13, ZD10, yvdCNS$^+$10]. **reference**

[BPQO13, BN14b, LGE$^+$13, LBS10]. **refined**

[BCHM14, SKU13, UJ11, ZJL$^+$14]. **refinement**

[BLOdV14, BCK11, CGG12, CY14, CN10, DZHB13, EH14, EH15, ETV10, FL10, Fuj11, GWCA14, HHL11, HB13, JLY10, KWSJ11, KG14, LMLC12, LGP10, LH10b, LN10c, LBMB14, MSL14, OS12, PWB$^+$14, Phi14, SQC11, SEBG12, VRB10, Wan10, WR11, XS15, DMMGM14]. **reflection**

[LL14a, MZ14, WK14]. **reflective** [MK12]. **reformulated** [Dri10].

**reformulation** [MMT14]. **Reformulations** [MT14a]. **refractive**

[SVS11, She13]. **regeneration** [YCY11]. **regenerative** [SR13b]. **regime**

[LT11a, LQB14, Ric10]. **regimes** [AP11, LYXZ14, OMC014, RGK12]. **region** [WT13, WTYC13]. **regional** [AH13a]. **regions** [BCHM14, SKU13, UJ11, ZJL$^+$14].

**region** [AHS14, CY14, NDB12]. **regression** [BZ12, BS11b, HMM14]. **regular**

[CF11c, HW10]. **Regularization** [ISZ12, BFR13, BC14, LBCL13, LDN$^+$10]. **regularizations** [CCLS10]. **Regularized**

[OBNN13, OBNN14, BM10b, BM11, CGJ11, CCLV10, CH14, OLC13]. **Regularizing** [Alb10]. **regulated** [KF13b]. **Regulator** [JS13a].

**reinitialization** [HMS10, RB14]. **reinitializing** [Min10a]. **related**

[Ber14, FJ10, KYP$^+$14, LWD13a, LWD13b, RSS10]. **Relation**

[SC12, BSS14, GDDP11, LS13d, RSD10, Rem11]. **Relations** [PBM11].

**Relationship** [Ol14]. **relative** [MK14a, dCRCS10]. **relativistic**

[AK14, AlfNT14, ALS$^+$14, BD11a, DGAH10, GV13, GH1H14, KmMv+12, KB14, Mar10b, QY12, Ros10, SBS$^+$13, SS10d, T111, TP14, WT14, YHT11, YT12, Z13b]. **relativity** [CH10]. **relaxation**

[GLS12, Gra14, HW14b, PBM11, PC13, XMS12, YM14, YN10, Z13b, Ch12]. **Relaxed** [BNW11]. **Relevance** [SR13b, DF10b, WCM$^+$14]. **Reliable**

[SLGB12]. **remap**

[BCD14, BRSS11, BR13, BRP14, KS14, LEM11, OS11b, OS14, W111, ZS14]. **remap$^-$based** [LEM11]. **remapping** [BBG$^+$11, KS12, LSVW10, VKL$^+$13].

**remedy** [OAXL13]. **remeshed** [RCW11]. **remeshing** [DF14, MC12].

**remodeling** [SR13b]. **remodelling** [GDL10]. **Removing** [DE14].

**renormalized** [AH13a]. **repair** [MPR12]. **Reparameterization** [BJ12].

**repeating** [PMS12]. **Replay** [NT14]. **Reply** [EH15]. **representation**

[BG10, BV13, CCT11, CLG13, HT10a, JSA14, JHF10, KBRM12, KN11, L111, MZ10, PL12, V14, WZN14, XFC$^+$14]. **representations**

[BK12b, RLPM12]. **Reprint** [EN14b, Nag14b]. **reproducing** [AHA10b].
rescaling [FR13]. reserving [JXD14]. reservoir [SGV13]. Residual
[WP14, ALR11, BA10, DCL11, GCL13, HLSO13, HLT10b, LGC13, RA10b,
RF14a, SHR13, VQRD11, VQVD11, XFB+14]. residual-based
[BA10, DCL11, GCL13, HLSO13, LGC13]. resistance [BB12a]. resistive
[ASB10, BCP13, SPB+10, SR13c, XPO14]. resistivity [Dcl13, Kaw13].
resolution [BLRR11, BdCB11, BLR13a, DM13, DjY14, DAA11, HHA14,
JNM12, JLB+10, KJWR14, KJWR14, KBSV14, LL14a, LZZS13, Par12a,
RSS12, Shy10, TRL14, WSYS12, WD11, WI13b, XPO14, vL11], resolve
[Den11a]. resolved
[BBGP14, Bre12b, HAD10, JWNL11, MdVBS13, VdMS+14]. resolving
[LR13, PDZ+14, SYY14a, SYY14b, SW10, WLPBG11]. resonant [JCT11, LT11a, MJK13]. resonator [GP12b]. resonators
[LM14b]. resp [CGM+12]. respiratory [KKC+13]. response
[Abr10, SSB13, TR12, VdMS+14]. restart [Zho10]. results
retrodictive [VDD10b]. reversal [BCM12, VMS11]. reverse [VHT12].
revisited [CG12, FdVV12, OA10, PSDF13]. Reweighted [YK13].
reweighting [KSS14]. Reynolds [HRK+10, MCA+13, MGN14a, MY14,
NGV14, NL12b, SH14, SCB10, WW13, vRLPK11]. Reynolds-averaged
[AlNT14, Ball10, Ball12b, BDA14, Ball14, BBD14, Cap11, FGR12, Guy13,
KB14, KHJ10, LXX11a, MF14, MCDT12, MGN11, MGN12a, MLGN12,
MGN12b, NGV14, OLP14, PBM11, PR14a, QW14, Rie11, RB10, SYY14a,
SYY14b, SGL14, TWMM14, TT10, UN13, WKH10, WSW13, XL11].
Riemannian [LRS10]. Riesz [BTY14, CD12b, WXY13]. rigid
[BHS13, BBGP13, De 10, MDM+12, Xu11]. rigidity [FML12]. rising
Robin [BN11, Deg11, HG11, PBT14, PGR10, PRG113]. Robust
[AD14, CDF11, MH10, RS14a, TGLR13, WZSN12, AHS14, CF11a, CLX14,
DKC14, ELM14, FMT11b, GMT10, HLT10b, KPH13, LCWN12, MT13,
MBL+14, MF10, Nor10, Par14, RKK12, RTS13, STD14, SYY14a, SYY14b,
SDAW14, WFK11, WMYYG11, WI13a]. rod [OLC13]. Roe
[LL14a, PBM11, PIN14, Rie10, Rie11, RB13]. role
rotating [AD14, CCC12, CRG13, CT14, DHO1, FW12, GNGAS10, GBNS14,
HdBK12, JTT14, MTZ14, NvdVB13, PE10, PPS12, RBS12, SP14a, ST13].
rotation [LdWF12]. Rotational [FL10, WC11, DS10, SS14a]. rotationally
[XW14]. rough [HPV13, HLS14, LWCR10]. roughness [DWZ10]. rule
[Id12, GW13a]. Runge [MBA14, AV13, BMD+13, BGR11, BR11, FP12,
Ian11, KKVZ14, Ke10, KKHK12, Lan14, LP14a, LLH10, NYM13, NMCZ14,
NDB12, RT14, RHXQ14, RA10b, SK12a, San13, SLT+14, SK12b, Tok11b, TD11b, TD12b, WS10b, WLW13b, XCL14, ZT13b, ZS13, ZZSQ13, vdVR12b. running [CDSP13]. runs [BGZ12]. runup [DKM11].

sampled [CF11c]. Sampling [RLPM12, EWH14, Gil13, GPS10, GGG+13, HCS+10, LLW14, PDC13, Ran12a]. Sampling-free [RLPM12]. SAMR [KSR+14]. SAT [LN14]. satisfying [LW14, SYV14, ZS10a, ZZS13].
scalar [BRSS11, BRS13, Boe11, BHL12b, BBM14, BL13, CB12, CLG13, ES14, GMC13, GH12, GHJ14, KKAS12, KGW13, LBC14, MB13a, STD14, SG10b, SG10a, SC12, TH14a, VBCM10, ZS10a]. scalar-wave [TH14a].
scales [VXB14]. Scale [HA11, Abr10, AST13, AKL+13, BHS14c, BPS14, CBKK12, CHKT13, DBM+12, Fat10, HNMM10, He13, Her10, JR14, JC10, JK10, KF13b, LL10a, LG14, LS10a, LHB10, MS10a, MB10a, MK14a, OAKR14, OB11, RBB12, RG13, RE13, SJC11, SRS14, SSK+12, XHF13, XDZ+14]. scaled [Yok13, Yok14]. scales [AP12a, CG13a, Qua11, RXW11, WW14]. Scaling [PSDF13, ARF12, HCS+10, SM14].
scapula [SR13b]. scattered [WMI10]. scatterer [VBVD10]. scattering [AV10, AM13, AN14, AH10b, ABH+14, BV13, Bre12a, BG13, BL14, DW10, DB12, Du11a, Du11b, DZ13, EL11, FGE11, FvdB12, GH14, GHR1a, GHS12, GB13, GG13, GD10, GL12b, GHL14, GS11b, HNS12, HLS14, HW10, IFD+12, IZJ13, IK11, KL11a, KO14, Le 14a, Le 14b, Lee12b, Lee14a, Lili0a, LW13a, LW14, MTT13, Nic10, RCCC14, SM11b, TY11b, WdHX10]. Scenario [ECD14, ERS14]. scene [JSX10]. scheduled [YM14]. schema [CX13]. scheme [AK14, AiiNT14, Ald10, AST12, AH13b, BCD14, BSS14, BKC+11, BD14b, BD11b, BHM14, CN12, CWS13, CD12a, CS12a, CWL10, CJLC11, CCW12, CLZ12, CXLC12, CRG13, CL14b, CS10, CTJT13, CS14a, CS14b, CC14, CDK12, DOR10, DL13a, DL13b, DS10, DS12, DCL11, DLM13b, Era13, EN14a, EN14b, EO11, FSTY14, FH11, GMB10, hGzS11, hGzSnZ12, GW12, GYL12, Gao13, GW13b, GW14, Ge10, GC11, GZC13, GITW12, GIMT14, Gra14, GVV13, GZZ14, GH12b, GCH14, GT11, GMG12, GSX14, HFL13, HPA+14a, HPA+14b, HLT10a, HLM11, HK14, HJ14, HWA10, HLT10b, HAQ12, HAH14, IL11, IDNG13, JCC14, KTT12, KSL10, KJ11, KD10, KL10b, KAA12, Kri10, KGW13, KGK13, LNU10, LGG10a, LB10, LBT11, LCTN13, Lee13, LP12b, LK14, LL11a, LT12, LZ13, LY13b, LD14, LL14a, LEHA10, LJJG14, LYZ14, MKCB14, MMR12].
scheme [MB12, MAB+13, MB11, MN12, Mic13, MT10, Min10b, MMA11, MMA13, ML13, MTS+11, MAD13, MY14, MHGNM12, MHHGN14, MV13, NYM13,
NKSR12, NRS10, NMZC13, NL12b, NMT₁₂, Nor14, NT14, OAK11, OD13, PZTW12, PGL11, PLN11, QL12, RARO13, RP13, RzSZ13, Ren11, RRCDD14, RS11, SK13, SBS11, SQC11, SZ11, SZH12, SY11a, SY12b, SCY11, SML13, SSHM10, SR13c, sSLxRyZ14, SBO11, SIDG13, SS10d, Tii11, TH14a, TK12, TK15, TY11a, VBX14, VBGM13, VW14b, WFK11, WA12, WMI10, WYYK10, WYS12b, WXY13, WZZ14, WY14, WGD12, WYT14, XIC11, XH10, XW10, XX13, YHT11, YT12, YSW₁₃, YSW14, YYH10, YZ12, YHM12, YYB12, Zer10, ZN14a, Zs11, ZYS14, ZDPS11, Zie11, vL11, SGW10.

schemes [AINF13, ANIF14, ALR11, Ain14, AN13, ADB14, BK11, Bal12a, BMD13, BH12, BHL₁₃, BBC13, BF12, BR14, BR12a, BK14b, BBD14, BDMV11, CCKCG10, CCGP13, CCD11b, CY12, CSK13, CRT14, CDLL12, CP13b, CSC14, CG13b, CMS10b, CLM13, CR14, Dai13, DEH11, Deg11, Del10, DMT₁₁, DMM₁₃, DB13, DA14, DZHB13, DKM11, EAN11, Fan14, FNGV14, FJ10, FCYF11, FC13, FMT11a, FE11, FMM₁₀, GDHM11, Ger12, GMA10, GP12a, GJLY13, GCL13, GK14, GLWW14, GDGP11, GGT13, HHS₁₃, Hic12, HY10, HAS13, HLLW11, JTT14, JY11, Joh11, JH12, KM14a, Kaw13, KKvZB14, KWJR14, KJWR14, Kin13, KSi13a, Kol11, KBVP₁₄, LTC13, LEM11, Ler13, Ler14, LQ10b, LR12, LZZS13, LY14, LQ11, MC12, Mar10b, MTB10, Mig14, Mön13, MMT14, MT14a, MSB14, Mor10, MPT13, MG13].

schemes [Mur10, NMCZ14, NDBG14, Nis14a, Nis14b, Nor13, OAXL13, PDSS10, Par10, Par12a, Par13, PP12, PP14, PR14b, QL11, RSD10, RBS12, RZ10, RXLS14, RA10b, Rie10, Sen13, SLT₁₄, SZ10, SST10, SRL₁₁, SN14, TD12b, TTD11, TAD14, Tsu10, TGGT13, ULS13, VWP₁₁, VWF13, VQRD11, VJC11, VR14, VQV11, WP10, WYS₁₃, WZSN12, WGX13, WV14, LWL13b, WCV13, WG11, WDGY10, WG14, Xie14a, XQX13, XQXC14, XS11, XMS12, ZS10a, ZS10b, nZzS11, ZS11, ZS12, ZS13, ZY13, Zha14, ZQ13, vEKd14].

Schmidt [AGBC14, CG13a].

Schrödinger [AMDR10, BTX13, CWL13, DBAV14, Don11, GH12a, HZ11a, JWYH10, LQ10a, MJK13, MZB12, QY10, RS13b, RS14b, SS14, ST11a, SYE10, WXY13, WGX13, WXY14, WJTY10, ZD11a, Zho14b].

Schrödinger-type [AMDR10].

Schumann [Liu11b].

Schur [FMT11b, LTSH10, LY10].

Schur-decomposition [LTSH10].

Schwarz [HWHW10, JC13, LLP14, VG14, YJK12].

science [CJP₁₄].

scientists [PZ14].

SCIPLUS [Ano12-34].

SCIPLUS_APPS [Ano12-35].

scrape [MMIW14].

scrape-off [MMIW14].

screens [BL13].

SE [CWL10].

search [RS13a, Rot13, SAM10, ZD12].

Searching [Mac10, Phi14].

Second [CS14b, GLWW14, HH12a, JRTY11, JQK13, ML13, Ols11, RA10b, WIT10, ZCW11, AT13b, BH12, BCW11, BvBZ₁₀, Bre12b, CS12b, CPCU13, CH10, CSR14, DFNNRdlA14, EO11, GM12a, GH11b, GITW12, HWST12, Hua14, JLZ13, KK10a, KKL10, KSS14, KKS13, KS11c, KSR₁₄, KL11a, LKLG14, LWS14, LJG14, LM13, Lu10, MDTC11, MDTC13, MF14, MB12, MAB₁₃, MT10, MTG11, MWW₁₃, Nis14a, Nis14b, PL10, PRL10, SSHT14, SBS11,
TAI11, TDVG13, WPP10, WLW13a, WG14, ZZS13, ZTL13, ZF14, ZWH+12, vHtTBC11]. **second-** [Nis14a]. **second-kind** [KS11c]. **Second-order** [HH12a, ML13, ZCW11, BH12, BWC11, Bre12b, CS12b, CPCU13, CSX14, GM12a, GH11b, Hua14, JLZ13, KSR+14, LKL14, LWS14, LJG14, LM13, MDTC11, MDTC13, MF14, MB12, MAB+13, MT10, MTG11, PL10, TDVG13, WPP10, WLW13a, WG14, ZF14, ZWH+12]. **secondary** [KPH13, MK14b]. **section** [LH13, MBMV13]. **sedimentary** [LMQ+11]. **sedimentation** [BDMV11, FNKdLB13]. **segregated** [SS10a]. **seismic** [KEGM10, LDN†10, Met†11, MBL†14, SCH13b]. Sekerka [BGN10]. **Selection** [KL14a, LMM14, AR14, EWH14, RA10a, WI13a]. **Self** [Bal12a, DH13, YTYJ12, Ball4, BBGP14, BDLGC13, CN10, ID10, KKL10, KA13, LZC+13, MdVBS13, Phi14, RSS12, SBS11]. **self-adaptive** [ID10]. **self-adjoint** [CBS11]. **Self-adjusting** [Ball2a], **self-assemblies** [LZC+13]. **self-assembly** [KA13]. **self-consistent** [KKL10]. **self-focusing** [CN10]. **Self-gravitational** [YTYJ12]. **Self-organized** [DH13]. **self-organizing** [Phi14, RSS12]. **self-propulsion** [BBGP14]. **self-similar** [Ball4, BDLGC13]. **Semi** [Ald10, ABJ†12, CK11, MB13, PBB14, SZF12, AC13, BK11, BS10a, CCD11a, CdCNH14, CPCU13, CGMQ14, CP13b, CSC14, CMS10b, DHH11, GH12b, GQ13, HLM11, JSA14, KKS13, KG11, LNU10, LGF11, LVFK14, MV13, NDV+11, PB14a, QC10, QQ11a, QQ11b, RS10a, RS11, RS3b, RS4b, SH11, SK10, TS12, TBR13, VX14, WYS12b, WD11, XQXC14, Zer10, ZYS14, Zie11]. **semi-** [KKS13]. **Semi-analytical** [PBB14, LVFK14]. **Semi-automatic** [ABJ†12]. **semi-classical** [RS13b, RS4b]. **semi-discrete** [Zie11]. **Semi-implicit** [MB13, SZF12, BK11, CCD11a, CPCU13, CP13b, DHH11, JSA14, KG11, RS10a, SH11, SK10, TBR13, ZYS14]. **semi-implicit/implicit** [SK10]. **semi-infinite** [BS10a]. **semi-intrusive** [AC13]. **Semi-Lagrangian** [Ald10, CK11, CdCNH14, CGMQ14, CSC14, CMS10b, GH12b, GQ13, HLM11, LNU10, LGF11, LVFK14, MV13, NDV+11, PB14a, QC10, QQ11a, QQ11b, RS11, TS12, TBR13, VX14, WYS12b, WD11, XQXC14, Zer10]. **semi-staggered** [NDV†11]. **semiclassical** [LX14, WJTY10]. **Semiconductor** [SRN13, ÅCB12, CGR11, LS10a, MZB12, SO13]. **semiconductors** [RJG10]. **semidefinite** [MNF†10]. **semilinear** [ARR11, JZ13, RT14]. **semirelativistic** [MTSG12]. **semitransparent** [ZYT13]. **sensitivities** [TA11]. **Sensitivity** [KWHD12, XMS12, BW14, CEP12, DRB14, HBAP10, KJC13, LA10, MRS14b, PGLK14, SG13, TNK11, VS11, Wan13b, WHB14, WH11, WG11]. **sensor** [DEH11], **separable** [BZKL13]. **separated** [Val†14]. **separation** [Abr10, Alh10, HA11, KF13b]. sEPIRK [RT14]. **sequences** [EHA14]. **Sequential** [NMX12, BVM14]. **serial** [LKT†12]. **Series** [BY11, Boy10, CM13, Gno14, RH13, ZHS11]. **servers** [RSFS13]. **set** [BOD11, BW13, BV14, BGG12, CKS14, CP12, CZL10, CWL10, CLW10, CB10, CV10, CF11c, CRK14, CST10, DCVM11, ELM14, FB11, GRT12, HMS10, HQL+10, Hys12, KL12a, KAFB11, LSM14, LP13a, LDM14,
silicon-water \([KIF^{+14}]\). similar \([Bal14, BDLGC13]\). similarity \([Deg11]\).

simple
\([BD14a, CLZ12, DV13a, GM12b, GITW12, GIMT14, GT11, KST10, NKF14, \]
Ran12b, TGO13, WYS12b, XIC11, YS12a, YSW14, Zer10, ZS13, KKO13].

Simplex
\([W13a, SD14c, WI13b, YD12]\). simplified
\([BLRR11, Don11, GHH14, OLFS13, Tan12]\). simplifying
\([LEM11]\).

simulate
\([DRZ14, FRP14, Ich13, TQW14, WYYK10]\). simulated
\([SHFB12]\).

Simulating
\([De 10, GWH14, HZ11b, KL10a, LP12b, MNKS13, NW12, RR14, \]
ACB^{+13}, CD13a, CTP13, FMM^{+10}, HKL14, JCT11, KLMJ12, Liu11a, 
LHPH11, LMHZ10, MAB^{+13}, MCJ14, MRD13, RS10a, SY12c, SM12c, TK12, 
TK15, VDD10a, VRBZ11, Wei12, WS10c, ZA14].

Simulation
\([AMD10, BCL13, CCKC10, CMS10a, CKD10, FK14, HM13, LCZ^{+13}, \]
KMF12, MDH^{+10}, MLBS14, NVS13, PMM^{+11}, SKU13, SBS^{+13}, WYC13, 
YS11a, YS11b, YM10, Zha10a, ALGB^{+13}, ADSF13, AST12, ABK12, ABK13, 
AKL^{+13}, BVM14, BPM13, BHM13, BBCH^{+12}, BGGW13, BA10, BBC^{+13}, 
BI11, BCD14, BCL14, BPOS12, BJLR14, BHM14, BP10, CCD11a, CKS14, 
CCFC11, CD12a, CD10, CBKK12, CDT13, CWL10, CW10, CWC11, 
CW14a, CPCU13, CWZ^{+11}, CV1^{+13}, CGF^{+13}, CBCE^{+11}, DR11, DLLD10, 
DV13b, DD12, DM13, DLM^{+13a}, DWZ10, DL10c, EBGW13, FHL10, 
FWLP14, Fus13, GLP14, Gao13, GCA13, GCFSJ13, GP12a, GW10, GHM13, 
GP13, HS13a, HSD11, HRBK10, HL11, HLDP14, HB13, HHI12b, HH13, 
HA11, HCS12, HHL14, HWHW10, Hys12, JNSA12, JTT14, JYHT10, JEU11, 
JLS^{+14}, JK10, JMGN13, KH13, KSL10, KM13].

simulation
\([KF12, KSP13, KH11, KL10b, KO12, KJH^{+13}, KA13, KHKH12, KAG14, \]
LFL11, LA10, LCNK10, LB1J14, LHY13, LMZ14, LIWZ^{+13}, LFRM10, 
LVZ12, LGHI10b, MB10a, MS14a, MMS13, McD14b, MTT13, MGZ12, 
MVS13, MJ13a, MF10, NT14, Oli14, OL13, OTV13, OAK11, OPM14, 
PZW14, PZG14, PG110, PL14, dLPC10, dLPC12, PPWZ11, RBB10, 
RG13, RZ10, RRD^{+14}, SBB13, SPS14, SZF12, SR13b, SZ10, SFCF10, SY111, 
SO13, SPF10, Shu14, SCH13b, SW10, SS13b, SS14b, Ste14, SS^{+12}, SY3, 
STC10b, TSL^{+14}, TE14, TD12a, TAA14, TRSMM^{+13}, TRL14, Unf13, 
VDD10b, VBM13, VSC^{+11}, WP112, WXW^{+10}, WDP^{+14}, WK13b, 
WS14, WTSZ10, XX12, YSW^{+13}, YSW14, YL10, YJK2, ZYHW13, ZN14b, 
ZMD14, Zoh13, vRLPK11, RS10b].

Simulation-based \([HM13]\).

Simulations
\([FSL^{+12}, GCvr110, MMV^{+13a}, MT14b, Qua11, RG12, \]
ARR13, AAI10, AHS14, ATD14, AWK^{+11}, AJG^{+13}, AW14, BHB11, 
BCMH14, BB12a, BMH11, BN14, BLM14, BPQO13, BPS14, BSS14, 
BSML13, BLJ11, BLR13a, Bre12b, BM14, BLY10, CB11, CKN10, CCL^{+14}, 
CY14, CV1A10, CSK14, CGMQ14, CBGK13, CL13, CSB14, CLAL14, 
GGC^{+12}, CMBW13, Dav10, Dav15, DHH11, DD12, DC13, DXB^{+13}, DU12, 
DS12, DMC14, DM^{+12}, ECD14, ES13b, FB1M14, FLB^{+12}, GB14, GV13, 
GLC^{+11}, GAV13, GK10, Gri12b, GFK13, GKW10, GH12b, GKS^{+11}, HAD10, 
HCS^{+10}, HCH^{+10}, Hut14, IFD^{+12}, ILM^{+13}, JLB^{+10}, JMV^{+12}, KSS14, 
KF13a, KM11, Kea14, KLP10, KIF^{+14}, KLPS14, KS12, KW10, KA12,
[KBTD12]. **solids** [BHS14a, HPOM10, LYE10, ML14a, MRD13, MVS13, SSB13, SNBN13, VSC11]. **solitary** [BX12, SC12]. **solitons** [BTX13]. **soluble** [BS10b, CL14b, GT12, KT14, LZ10, MT14b, TSLV11]. **solute** [CVC12, GMG12, MKCB14]. **Solution** [BFE12, CGG12, GHH14, MZB12, RBS12, SHZF12, SC12, ZD10, AJ14, AS14, AK12, AM14, AT13a, ABH14, ABPSM11, BSSW12, BGR11, BFO14, Bér11, BS11a, BS14b, BHBM10, CX13, CD13b, CGC13, CRS14, CLS13, CTSM13, Dad12, Deg11, DBAV14, DHH11, DFW10, DTY14, EL11, FT12, FM13, FWP13, GG10, GLS10, GDW11, GPS10, GKG13, GL12a, GHJ14, GCH14, HM11, HP13, HGWI11, He13, HLS14, HKM12, HOK10, HW10, HZ12, HLWI13, IL11, IDNG13, IG14, JWV12, JTH10, Kat14, KBGRM10, KG13c, Kri10, KO14, Le14b, Lee13, LBCL13, LH10c, LW13a, LLP14, LRK11, LTL11, MZ10, MMV13b, MA13, MAK14, MM11, MSTL13, MY13, MVG11, MJ13b, OK14, OS12, PPB14, PE10, PMSM12, PLN11, Pud11, RE13, Sal14, SFS11, SCY11, SSX13, SR13c, SW13, Stu10, SP11]. **solution** [SS14c, Tal13, TWMM14, Tok11a, TE11, Wal13, WKMJ13, WLW13b, WGI11, WS11, Xie14a, YC11, ZN10, ZBS12a, ZBS12b, ZYLK13, ZTL13, ZPF10, ZMD14]. **solution-adaptive** [GG10, IDNG13, IG14, MJ13b, WS11]. **solutions** [AEM13, AH10b, BOK12, BDGC13, BHL12b, BVK12, CJP14, CM10, DXB13, EC13, FO11, Gno14, GA14, HM10, JHDC10, KS11b, Kol11, KS13b, KG14, KRT14, xLqW13, LHZ10, LH13, MS11, MP13, MG10b, PBB14, SRSV11, SY10, SYL12, SH13, SSR14, SPM13, TCL11, VK12, WCM13, WC14a, WTK14, WWS13a, XX13]. **solvable** [GM11a]. **solvated** [GK13]. **solvation** [CBW10, CL10, DXB13, Zha14]. **solve** [BR11, CGJ11, GMG12, LL10, NLGL14]. **Solver** [MM14, AH13a, ARR11, AA10, AINT14, AB11, ABS14, Bal10, Bal12b, BDA14, BHL12a, BD14a, BLM14, BYCC14, BKH12, BLTO11, Bre12a, BL13, CCI11, Cap11, CMS10a, CK10, CCW12, CDB13, DDM10, FHZ12, FWT2, FMT11b, GK13, GMC13, GM12a, GB13, GG13, Gra10, GHL14, Gu13, HGSK13, HS13, HRCW13, HG11, HMHO13, HPOM10, HKK13, HPS10, HT12, KB14, KKO13, LP13b, LX10, LL11a, LFLV14, LL12b, LL10b, Mar13, MG14a, MB10b, MHGM14, MLGN12, NNS11, OR10, OLP14, PFC13, PBM11, Rie11, RB13, SBB13, SV13, SY12a, SY14a, SABH11, SP14a, SL10, SYY14a, SY14b, SSSG11, SL14, TWMM14, TT10, UN13, VV13, VED13, VT13, Vol14, WT13, WHT14, WSW13, WP14, YS11a, Yao14, Yin14, YBY12, XDY14, ZVNM10, ZCW11]. **Solver-based** [MM14]. **solvers** [APGL12, AD14, BS14b, BBD14, BL10, EMS11, FO11, JS13a, LL14b, LB10, MCLG10, MCDT12, MGN11, MG12a, NT14, NGV14, OS11a, PG11, PB11, PNPF10, PVDW14, PR14a, SH13, SF12, SH12, SEDW13, TDU14, WKH10, YS11b, dPSS12, vVVK10]. **Solving** [AM11, BWMG14, CT13, JU10, LS13c, MBR11, SSS10, XM14, BH12, BY11, BKW10, BL11, CEGG14, CTG12, CL14b, CW14b, CL11b, CCG11, DMHL14, DAE13, ES13a, EMH14, GCZ13, GM10b, GRI12a, GT11, HAMA14, HHS13, HHGC14, HWW10, HSW13, HAS13, JC13, JW11, KSU13, Kha13,
LPE$^{+11}$, LKT$^{+12}$, LLZ$^{+11}$, LTH$^{+10}$, LRLL$^{+11}$, LT$^{+12}$, LD$^{+14}$, LSE$^{+13}$, LL$^{+14a}$, LWS$^{+14}$, LBM$^{+14}$, LYD$^{+10}$, MMM$^{+13}$, MS$^{+14b}$, MM$^{+12}$, Mø$n^{+13}$, NJ$^{+12}$, PDZ$^{+14}$, PVLT$^{+10}$, PGL$^{+11}$, PRL$^{+10}$, Pir$^{+12}$, QY$^{+12}$, RM$^{+12}$, SS$^{+11}$, SML$^{+13}$, SKCC$^{+10}$, ST$^{+11a}$, SYE$^{+10}$, SIT$^{+11}$, TDVG$^{+11}$, TY$^{+11a}$, VMA$^{+14}$, VBCM$^{+10}$, WLW$^{+13a}$, WPK$^{+14}$, XLD$^{+11}$, XCL$^{+14}$, XJ$^{+14}$, YAL$^{+11}$, YO$^{+11}$, YXZ$^{+13}$, YK$^{+12}$, ZMQ$^{+13}$, ZTG$^{+13}$, ZYS$^{+14}$, ZLH$^{+12}$, ZCS$^{+14}$]. Some [GCW$^{+14}$, LWS$^{+14}$, XH$^{+13}$, CHHS$^{+11}$, JS$^{+13a}$]. sonic [AL$^{+10}$, PMM$^{+11}$]. Sørensen [OBT$^{+12}$]. sound [KVM$^{+12}$, SM$^{+11b}$]. Sounding [HMOH$^{+11}$]. soundproof [SKW$^{+14}$]. Source [BCM$^{+12}$, BCBI$^{+12}$, CDI$^{+12a}$, CEKI$^{+14}$, CM$^{+10}$, HQL$^{+10}$, LHB$^{+10}$, LQ$^{+11}$, LSB$^{+10}$, MPS$^{+14}$, MAD$^{+13}$, MCDT$^{+12}$, MGN$^{+10b}$, MGN$^{+12a}$, Nis$^{+12}$, NF$^{+12}$, RF$^{+14b}$, WSY$^{+12}$, WKM$^{+13}$, YKWS$^{+13a}$, YKWS$^{+13b}$, ZS$^{+11}$, ZMD$^{+14}$]. source-and-sink [CDI$^{+12a}$]. Sources [LKCY$^{+11}$, CB$^{+12}$, CG$^{+13b}$, FJ$^{+10}$, KN$^{+11}$]. South [OMCO$^{+14}$]. Space [ASI$^{+14}$, SBvdV$^{+11}$, AJ$^{+14}$, BBC$^{+12}$, BB$^{+12b}$, BL$^{+13}$, BTY$^{+14}$, CP$^{+13a}$, CB$^{+14}$, CRS$^{+14}$, CXLC$^{+12}$, CH$^{+10}$, CKR$^{+14}$, DBM$^{+12}$, DZHB$^{+13}$, FL$^{+11a}$, GA$^{+14}$, GAv$^{+14}$, hG$^{+13}$, GG$^{+14}$, HPA$^{+14b}$, HBM$^{+13}$, HL$^{+12a}$, ITO$^{+10}$, JK$^{+10}$, LE$^{+13}$, Lap$^{+12}$, LSW$^{+14}$, LS$^{+13d}$, MWP$^{+14}$, MK$^{+14a}$, M$^{+10}$, MST$^{+14}$, NIN$^{+14}$, NB$^{+13}$, Phi$^{+14}$, QY$^{+12}$, RSS$^{+13}$, RC$^{+12}$, RCvdV$^{+13}$, Rot$^{+13}$, SHR$^{+13}$, SSS$^{+11}$, SAH$^{+14}$, SSR$^{+14}$, TH$^{+14a}$, TA$^{+12}$, TAAY$^{+14}$, TvdH$^{+12}$, TD$^{+12b}$, TDD$^{+11}$, UGK$^{+13}$, WYYY$^{+10}$, WXY$^{+13}$, WD$^{+13a}$, WD$^{+13b}$, WD$^{+14}$. space-filling [MWP$^{+14}$]. space-fractional [MY$^{+13}$, WD$^{+13a}$, WD$^{+13b}$, WD$^{+14}$. Space-time [ASI$^{+14}$, SBvdV$^{+11}$, DBM$^{+12}$, DZHB$^{+13}$, FL$^{+11a}$, GAv$^{+14}$, L$^{+13}$, MST$^{+14}$, QY$^{+12}$, RSS$^{+13}$, RC$^{+12}$, RCvdV$^{+13}$, SHR$^{+13}$]. spaced [BH$^{+13c}$]. spaces [SL$^{+13a}$, TG$^{+14b}$]. spacetime [KMH$^{+10}$]. Spalart [CDB$^{+13}$]. spall [CWL$^{+10}$]. Sparse [GS$^{+11a}$, LP$^{+12a}$, And$^{+10}$, ABJ$^{+12}$, BGZ$^{+12}$, BK$^{+12b}$, BS$^{+11b}$, DO$^{+11b}$, FGR$^{+12}$, JAX$^{+11}$, KL$^{+14a}$, LWD$^{+13a}$, LWD$^{+13b}$, LTT$^{+10}$, PHD$^{+14}$, Per$^{+13}$, ZCS$^{+14}$]. sparsely [BM$^{+13b}$, BH$^{+13c}$]. Spatial [LM$^{+13}$, ANIF$^{+14}$, BHY$^{+14}$, BMR$^{+14}$, C$^{+11a}$, CTJT$^{+13}$, Den$^{+11b}$, DSH$^{+11}$, FWLP$^{+14}$, HL$^{+12a}$, JEU$^{+11}$, LY$^{+13b}$, LS$^{+13c}$, MMR$^{+12}$, ML$^{+12}$, SL$^{+13}$, TDU$^{+1},$ WI$^{+13b}$, YB$^{+14}$, ZY$^{+13}$. Spatially [Atz$^{+10}$, LEH$^{+10}$, LEH$^{+12}$, PHSA$^{+14}$, TA$^{+13}$, AJ$^{+14}$, GHM$^{+10}$, MCJ$^{+14}$, SR$^{+13a}$, TGO$^{+13}$. spatially-extended [MCJ$^{+14}$]. SPDEs [CSK$^{+13}$]. special [AQ$^{+11}$, QY$^{+12}$, Ros$^{+10}$, ZT$^{+13b}$]. special-relativistic [Ros$^{+10}$]. species [Boy$^{+11}$, Tok$^{+11a}$]. specific [AKL$^{+13}$, HK$^{+11}$, IWG$^{+13}$, KVC$^{+13}$]. Spectral [CD$^{+13b}$, CCI$^{+12}$, GHM$^{+12}$, GLC$^{+13}$, JCC$^{+14}$, JHZ$^{+10}$, KSK$^{+13}$, LT$^{+11b}$, WX$^{+14}$, AB$^{+11}$, AD$^{+14}$, BdF$^{+10}$, BY$^{+11}$, BL$^{+11}$, CDD$^{+11a}$, CYK$^{+14}$, CS$^{+12b}$, CS$^{+13}$, CRK$^{+14}$, CRi$^{+10}$, EGW$^{+11}$, EN$^{+14a}$, EN$^{+14b}$, FDHP$^{+11}$, FD$^{+11}$, GH$^{+14}$, GYL$^{+12}$, GG$^{+14}$, GVH$^{+14}$, Gra$^{+10}$, GTSC$^{+14}$, GKS$^{+11}$, HSN$^{+13}$, HNS$^{+12}$, He$^{+13}$, HSL$^{+14}$, HBZL$^{+14}$, JNM$^{+12}$, JZ$^{+11}$, KG$^{+10}$, KG$^{+13b}$, KB$^{+12}$, KG$^{+13c}$, LR$^{+11}$, LBC$^{+14}$, LP$^{+12a}$, Le$^{+14a}$, LB$^{+12}$, LT$^{+10}$, LPC$^{+13}$, LZ$^{+13}$, MA$^{+14}$, MRS$^{+14a}$, Mar$^{+10a}$, MKGV$^{+12}$, Mar$^{+13}$, ML$^{+11b}$, MTZ$^{+14}$, MK$^{+11}$, MLBS$^{+14}$, ML$^{+12}$, MHGM$^{+14}$, NHE$^{+14}$, NCV$^{+10}$, Ost$^{+10}$, OS$^{+12}$, PGLT$^{+10}$, PGL$^{+11}$, PE$^{+10}$, PL$^{+12}$, QZM$^{+12}$, SCH$^{+13b}$, TF$^{+10}$, VHG$^{+13}$, VSK$^{+10}$, WA$^{+12}$, WWS$^{+13a}$, XH$^{+14}$, YK$^{+12}$, YWL$^{+14}$, YXD$^{+14}$, ZK$^{+14}$, ZIOF$^{+10}$, ZD$^{+11b}$, ZW$^{+10b}$, vRLPK$^{+11}$, BMS$^{+12}$, MOSW$^{+12}$].
staged [IJZ13]. stages [WDP+14]. staggered
[Boe11, CCY13, HM10, JGZL14, KS14, Lee13, LT11c, MLBK14, NS11a, NL12b, NDV+11, OS14, PB14a, SVK14, SML13, TH14a, Tyl14, VW14a, VKL+13].
staggered-grid [TH14a]. staggering [RBS12]. Standard [WR11, Dei14].

standing [RW13]. stars [BD11a]. starting [Ton14]. state
[BJ12, CEK14, CWC11, CCK13, Don11, EFT13, FT12, GMXG14, HHS+13, LTN13, LCN12, NJ12, NEE12, PDC13, VED13, WD13b, Wan14, WP10, WTSZ10, ZD11a, ZLCW14]. state-dependent [CEK14]. states
[AD14, BCW10, BD11a, BCZ13, CCW11, DH10, Gil13, KTT12, MK12].

static [ADMA13, DL10c, HSN13, RARO13]. stationary
[BCHM14, BS14a, CT13, DMT+11, DMM+13, HL12a, OBT11]. Statistical
[DF10b, WLPG11, AA13, BJ12, HMM14, LTC13, MWRZ13]. statistically
[GM11a]. statistics [Lee14b]. Steady [Ler13, Ler14, ALR11, CCK13, EFT13, FSL10, GBC11, HHS+13, HY09, HY10, HY11, HL10b, Hu13, JK11, KTT12, KKO13, LT12, LCWN12, LDA10, LFW11, NJ12, NEE12, PVL10, PGL11, Sha13, STH11, VED13, WD13b, WTSZ10, XH13]. steady-state
[NEE12, VED13, WD13b]. steep [JMGN13]. steepening [SHA11]. steepest
[WJC13]. steered [AM10]. Stefan [BGN10, LYD10, PGR10, PHRG13].

Stephen [ZJS15]. steplength [BHM11, BHM13]. stepping
[AB11, DS12, FP14, HRBK10, KA13, Kri10, LGMS13, MBA14, SK13, TAAY14, ZMQ13, AAT+14]. steps [Lee14a, LP12b]. stepsize [CTP13]. stiff
[AV13, AB13, CF11a, FJ10, Gui12, Har11, NS14a, WSY12, YR13, YKWS13a, YKWS13b, YYB12, ZLCW14, ZOL+11]. stiffly [Min10b].

Stochastic [Atz11, BM13b, FSL10, GM14b, HW14c, MAK14, PKW11, Sti12, AP12a, AB13, ACG14, AP11, AA13, Atz10, BCK11, BKW10, BH13c, Cam13, CH13b, CH13a, Dad12, Dav10, Dav15, DRW11, DO11b, EWH13, ERS14, FHL10, FM13, FWLP14, GMM10a, GHM10b, Gri10, Pri12a, Har11, HHGC14, HJZ14, JAX11, JXN13, JTH10, JEU11, KKPV12, KL14a, KG13b, KF13b, LHH14, LG14, MZ10, MZ11a, MZ11b, MPWK13, ORH13, PBB14, PIN14, PHS14, PL12, RXW11, RNT12, SAM10, SS14c, ULS13, Val14, VDD10b, VK12, WZ13, WZ14, WI13b, WI13a, YCLK12, YK13, YR13, ZYLK13, ZT10b].

Stokes
[HGW11, KRF12, LGE+13, AB11, AT13b, ABPSM11, BK11, BSSW12, Bea12, BNNW11, BN11, BN14a, BGHM13, Boe11, BR12b, BOK12, BCLR10, CVN13, CMS10a, CJNS12, Cha13, CFKL11, CXXL14, CLS10, CDK12, CH14, CST12, DLZ+11, DH11, DAA11, EH13, FW12, FL11a, FMT11b, GLL14, HL12a, HOK10, HHK13, HM10, HLL14, HF10, JM12, JK11, KST10, KR10, KKP10, KF13a, KS11c, KG13c, KRT14, KL11b, LBCL13, LJX+14, LXF10, LL12a, LT10b, LLN+10, MBS13, NPC11c, NOT14, NDBG14, NCKN10, NEE12,
OA10, OR10, OLC13, OS12, PBT14, PVLT10, PGL11, PNPF10, PGA11, RP13, RXQ14, RGC13, RCvdV13, RPC14, SK12a, San13, SVK14, SH14, SHT14, Sm13, Sen13, SS10, Sha13, SL10, SR11, SY11c, SGV13, SW13, TWMM14, TY11a, TLO+14, UN13, UGF14, VV13, VQRTD11, VT13, Vre14].

Stokes
[WW13, WK13a, WX14, Wil13, XFB+14, XIIX14, XH13, ZW10b, ZHL12].


strand [KWS+11]. Strategies [MM12, BP10, Har11, RBS12, SKN13b]. strategy [BRP14, CD13a, DH11, DBM+12, HL12b, Par12b, PVLT10, PM13, RE13, SP+13, ZMQ13]. stratified [ABPSM11, DFNNRdlA14, MMV+13b, MTD14].


streamfunction [TY11a]. streaming [MZ14]. streaming-collision [MZ14].


stretching [RG12]. Strong [ACCM12, LJG14, NEE12, RM12, SSR14, TWMM14]. strongly [AD14, CG11, KR10, KKVZB14, MDPTK13, MMP11, ZTL13].

strongly-coupled [KKvZB14]. Structural [GCBH10, GCBH13, BHS14b, BGB12, CLG13, DYY14]. structure [Atz11, BGGS11, BK12a, Ba14, BHS12, BC10a, BG10, BW13, BBGP13, BHK+10, BGG12, BCG+13, CBPS13, CW13, CW10, Deg11, DEKB14, EHA14, EC13, FL14, FP14, GCBH13, GCW14, GKF11, GZQ13, HIA14, HNS12, Ivan11, ITO+10, JLY10, LS13a, LL14a, LJG14, MF14, MM12, NL12a, NP14, OM12, PSHA14, Ric13, RMSF11, Son11, SIT+11, TDL+14, VR10, WKL+14, WY13, WC14b, YS12a, YBK13, ZF12, ZCD10].

structure-preserving [CW13, GCW14]. structured [BMD+13, Ba14, CG12, EZ10, GH12a, HB13, PJC14, RPK10, SS10, WYS12a, WQCS13, ZJW12, ZDL11b]. structures [AMDR10, And13, BHL12a, CKS14, DB12, GHL14, GKF11, GF13, HZS12, HW14c, KJC13, KL14b, LRL10, LC10, LX13b, MB13b, MY12, PS14b, SM12c, MGV+12].

studies [BRS12, DMM+13, EHI14, EH15, SBC+14, SY11b, VWP11, XS15].

Study [vTC1+10, BK12a, BRSS11, BKW10, CSM13, CRS12, GKG+13, GMG14, JR14, JHDC10, KGSS10, LKT+12, LCE+10, MDPTK13, SFL11, SMF+13, SSC13, STC10b, TA12]. studying [CSKP10, DYY14, LW11, YL14b]. Sturm [HAMA14, JR12, ZK13]. Sub [BK11, ABMT12, BHS14c, CTJT13, hGzS11, hGzSnZ12, hGzS13, MAD13, RzS13, WV14, YZX14, nZzS11, ZzS11]. sub-cell [CTJT13], sub-diffusion [hGzS11, hGzSnZ12, hGzS13, MAD13, RzS13, WV14, YZX14, nZzS11, ZzS11], sub-grid [ABMT12]. Sub-iteration [BK11], sub-scale [BHS14c]. Subcell [WI13b, DZLD14, WYS12]. subcells [Mac10]. subdiffusion [BLY10, DL13c]. subdivision [BBC+13, LW11]. subdomains
subexpression [Opp13]. **Subgrid**

[GM11b, SRS14, JWNL11, RG13, Sha13, TVEC12]. **Subgrid-scale**

[SRS14, RG13]. **subgridding** [Bér11, TD11a]. **subject** [PBT14, PHSA14].

**submatrices** [Ran12b]. **submitted** [BBD11]. **subscale** [APC11]. **substrate** [DKW10, GWG14, LZC13]. **substrategy** [MP13]. **substrategy** [CD10, EWH13, EWH14, HSD11]. **suitable** [KAFB11, XMDG13, XMDG14]. **suite** [BGM12]. **suited** [ARR11, MZ11c]. **Sufficient** [SP11].

**Sufficient** [NL13, BN12, DBZ14, Hic12, MA13, Mat14, MSD12, SN14, WLL13].

**Summation** [GM14b, MG14a]. **Superconvergence** [BM13b].

**Superconvergence** [BPHK13, AHA10b, ABKF11, AST13, ABMT12, AKMD13, BCD14, BLJ11, BP10, CL14b, CF11c, DS11, DWW10, EAG14, ES10, GAvdVB14, GVV13, HLS14, HVD13, HMHO13, IK11, KS11c, Li12, LXS12, LFRM10, MCLG10, PDZ14, PZ10, RA10a, RB10, RB13, SF11, SZF12, SST10, SGV13, SP11, VB13, WY10, Yok13, Yok14, Zha10a]. **surface-bulk** [CL14b]. **surface-tension** [AHA10b]. **suspended** [LLdSC11, RVB10]. **suspensions** [GLLP14, Kea14, QB14, YM10]. **SVD** [WYYK10]. **swapping** [GQ11]. **sweep** [VG14].

**swimming** [BI11]. **swirling** [CRT10]. **Swiss** [AV13]. **Swiss-knife** [AV13].

**Symmetric** [EGL13, Don11, GM12a, HK14, Mor10, MK14b, NCKN10, NCV10, PGR10, RMSF11, SHZF12, YHM12, HS13b]. **Symmetrizing** [LB14]. **Symmetry** [TLO14, VKL13, ANF14, CS10, CS14b, CHHS11, GDGP11, KBS14, LB14, LE12, VW14a]. **Symmetry-** [VKL13]. **Symmetry-preserving** [TLO14, CS14b]. **Symplectic** [ST11b, Web14, ZJS15, ZTS10, CWS13, GCW14, HJZ14, HDHZ13, MLM12, SWX12]. **synchronized**
[LSVW10, OS11b]. **synchronous** [MMM11]. **synoptic** [OMCO14].
synthesis [CP13a]. synthetic [EMSH14, TR14]. synthetic-acceleration [EMSH14]. **System** [ASXZ14, ABL+11, AARF12, AAG14, ABPSM11, BSSW12, BH13b, BHM14, CWL13, CSMW14, CCZ14a, CCZ14b, CS14c, DSN+10, DNH11, Del10, DMR14, Don11, FKNdLB13, GZZ14, GCH14, GXX14, HGWW11, HDM12, HHK13, HY10, JLS+14, MRS14a, MRS14b, Nis10, QS11b, SV13, SS10d, Wol12, XWS10, ZD11a, ZJK12, ZN14a, ZN14b].
systematic [SF11, ZF12]. systems [AVKP11, AF11, Atz10, BH13a, BGBR12, BM13b, BP10, Cam13, CK11, CS12b, CLZ12, CNST13, CAH14, Cla12, CH10, CHHL11, CDL11, CLS13, DLGP13, DBO+10, EFT13, ERS14, FF12, FWLP14, GFT10, GHM10a, Gill13, Gra14, GLM14, HMHO13, HM13, JHDC10, KKP12, KJC13, Kin13, KL14b, KL24c, LCWN12, MDPTK13, MS11, MMS11, MMD+11, Min10b, MSS12, MCDT12, MLM12, NV14, NMV13, NMCZ14, NF12, NT14, Par12a, Phi14, PA12, RT14, RM14, SP13, SHZ12, TAT14, TCS+10, TDL+14, TLN10, Wan13b, WZN14, WIJ13, Web14, WTK14, WWS13b, YR13, YN14, YLI14a, YLI14b, ZWL+12a, ZJS15, ZOL+11].

tau-leaping [FWP13]. Taylor [JWV12, NF12, BA10, GCD11, HAD10]. TD [CPJ11]. **tearing** [XJ14]. **technique** [BPOS12, CBKK12, DRZ14, FSL10b, GHM14, HP13, HPS13, HDF11, IH13, JWV12, KK10a, KKS13, LB13, LMQ+11, LH10d, LN14, MZ10, MS10a, NKF14, PB11, PBC+14, RM14, SLH+11, SHA12, Sog14b, sSLxRZ14, ULP14, WSI10b, YLW10]. techniques [ABD14, AC11, CWZ+11, GAW+14, HSN13, Kha13, LDN+10, OK13, PRH+14, PBW11, PGLK14, SS14c]. **temperature** [CWC11, Gen11, GRT12, HH13, KSS14, LTL+14, PBC+14, ZFJ11].
temperature-dependent [Gen11, LTL+14]. Tempering [GRT12].

**Temporal** [Ich13, RUL+13]. ten [NIN+14]. ten-nanometers [NIN+14].
tension [AHA10b, AST13, ABMT12, BPHK13, LFRM10, SZF12, Zha10a]. tension-dominated [LFRM10]. tensor [BGK12, Bri13, CB14, Con11, DSZ13, EAB+12, FE11, GS11a, LGG+13, LS10b, OLP14, Wen10].
tensor-product [BGK12]. **tensorial** [VdMS+14]. tensors [EZ10, GHDS10, NCV10, XY14]. term [LFL11, MAD13, Nis12, TGO13].
terminal [TVE14]. **terms** [MCDT12, Mor10, MGB10, MGB12a, MGB12b, NF12, SZ10, WYS12, YKS13a, YKS13b, ZS11, ZLCW14]. Test [GHM10b, GM11a, HH12b, HH13, LTC10, NL10, PE10, Tau12, ZMD+11].


[BCZ13, BP13a, CS12b, Gon12, KST13, KM14b, Ler14, SM12b, She13, SC10].

**Theorem** [ZA14].

**Theoretical** [QS11b, RB10, Gra10, LB10].

**Theory** [CSK14, FCN13, KST13, KM14b, Ler14, SM12b, She13, SC10].

**Thermal** [WP14, Atz11, BB12a, Boo11, CLZ12, DSHP11, EMK11, EC13, ESMH14, FAY13, GBNS14, GMG12, HH12b, HH13, HW14a, JYHT10, KMA13, LKM13, LMK13, LGP14, ML14a, OMA14, PHSA14, PPWZ11, WL11, ZGSZ10].

**Thermal-solute** [GMG12].

**Thermalization** [RRCD14].

**Thermally** [BMP14, CH11a, CLAL14].

**Thermo** [ML14a].

**Thermo-elastic** [ML14a].

**Thermoacoustic** [WIJ13].

**Thermocapillary** [LZV12, LVZK14, MB13a].

**Thermochromy** [CGC12].

**Thermodynamic** [GK14].

**Thermodynamically** [FGN14, LGE13].

**Thermomechanical** [Han11, LG14].

**Thermos** [CWC11, LG14].

**Thermostats** [Dav10, Dav15].

**Thick** [RGK12].

**Thickness** [CY14].

**Thickness-based** [CY14].

**Thin** [ACB13, CY14, DLC11, FGE11, GF13, LT10a, LW11, LHM14, MB11, Par12b, SP14a, WJCG13, YTYJ12].

**THINC** [IST12, IXX14, SX14, XIC11].

**Third** [VQRD11, DAEB13, DCL11, HAH14, Mat14, Nis14a, Nis14b, WYT14].

**Third-order** [DCL11, Nis14a, WYT14].

**Three** [AH13a, CNR10, CGC12, DDF14, GCFJ13, HCS12, Kau10, dCRCS10, SSY13, Ald10, AN14, ADMA13, ASK13, AKMD14, BK14a, BL11, BR12a, BBPC14, BL13, BRL14, CWS13, CTG12, CM14, CLSX14, CCY13, CCLV10, CC11, DB12, DKW10, FQV13, GH11a, GHS12, GG10, GMC13, GD13, HWST12, HKL14, HCH10, IDNG13, JLF13, JSZ13, JGZ13, JRTY11, KSS13, KL10b, KG12a, KLPS14, LP12a, Le14a, Le14b, Lee13, LJX14, LI13, LK11, MMA13, MF13, OD14, RW13, SCIE14, SYJ11, SS14a, Tak14, TDU14, TTD11, TP14, VRBZ11, WCM14, WZ11, WD13a, WD14, WLW14, WC11, WJ11, WS10c, WC14b, XH13, XJ14, ZFH14].

**Three-dimensional** [AH13a, CNR10, CGC12, DDF14, GCFJ13, HCS12, Kau10, SSY13, Ald10, ASK13, AKMD14, BL11, BL13, BRL14, CM14, CCY13, CCLV10, CC11, DB12, DKW10, FQV13, GH11a, GHS12, GG10, GMC13, GD13, HWST12, HKL14, HCH10, IDNG13, JLF13, JSZ13, JGZ13, KSS13, KL10b, KG12a, KLPS14, LP12a, Le14a, Le14b, Lee13, LJX14, LI13, LK11, MMA13, MF13, OD14, RW13, SCIE14, SYJ11, SS14a, Tak14, TDU14, TTD11, TP14, VRBZ11, WCM14, WZ11, WD13a, WD14, WLW14, WC11, WJ11, WS10c, WC14b, XH13, XJ14, ZFH14].

**Three-phase** [dCRCS10, LI13, MF13].

**Thresholding** [HW14c].

**Throughout** [BD14c].

**TianHe** [XZ14].

**TianHe-1A** [XZ14].

**Time** [Ala14, BDA12, CL11a, CRK12, FWP13, GvdSVK10, GH12a, KA13, LFK11, LX14, LS13d, LDDBR13, MK14a, MSL13, MHHGN14, NZ14, RH13, SG10b, SGL0a, Sso13, ACG14, Abr10, AVKP11, AB11, AS14, AME14, AF11, AWK11, BLM14, BCM12, BCB12, BN12, BDTW10, BLM11, BBAP14, BSCML13, BBF12, BS14, BM10b, Brr13, BHY14, CP13a, CdCNH14, CHZ13b, CHZ13a, CH10, CLS10, CGM14, CP13b, CWZ11, CVT13, CG13a, CJN13, Cui12, DYYA14, DCL11, DWL10, DCC13, DFF10, DS12, DL10a, DZL13, DBM12, DZHB13, Dure14, EAG14, FL11a, FGLB14,
FP14, FCY13, FWLP14, GB14, GAvdVB14, GNGAS10, GBNS14, GDHM11, GVM14, GBS14, GH11b, GAV13, GP12b, GS11b, GG12, HPA14, HNM110, HBM13, HL12a, HBZ14, HRBK10, Hen13, HJK14, HDD12, HK11, HW14b, Ide12, JMO13, KI10a. time

[KKS13, KN14, Kri10, LKM13, LCNK10, LP12b, LKLG14, Leu11, sLwG10, LCK11, LHY12, LSM13, LLP14, LT14, L13b, LSW14, LLH10, LBR14, MF14, MM10, MdVBS13, MS14b, MBLM10, MST14, MBA14, MÖn13, MY14, MGNN12, NPC11b, N14, NL13, NNS11, Nor13, OLFS13, Ols11, PL10, PGA11, QY12, QL11, QL12, RSD10, RK14, RSS10, RSS13, RGMC13, RNBS+12, RBNS13, RC12, RCvdV13, RA10b, RM12, RM14, SBWF14, Sal14, SNS10, SHR13, SD14a, SK13, SLGB12, SSR14, SBvdV11, ST11a, SW13, SP11, Tal13, TH14a, TA12, TD12a, TAA14, TEY12, VV13, VMS11, VL14, Wal13, WD13a, WW14, WG11, XJ14, YAL+11, YDN10, YCH, ZD10, ZFH14, ZMQ13, nZzSlL14, Zha14, ZMD+11, AAT14].

time-accurate [GH11b, HK11, MF14]. time-convolutionary [ZD10].

Time-dependent [GvdSVK10, LFK11, SG10b, AME14, BN12, Brü13, CdCNH14, CHZ13b, CHZ13a, Dur14, FGLB14, GS11b, HPA14b, LSW14, MM10, OLFS13, SD14a, SLGB12, SSR14, SW13, WD13a]. time-differenced [LKM13].

Time-domain [NZ14, Soa13, AWK11, CWZ11, CVI13, DL10a, GB14, GVH14, GP12b, HBJL14, HJK14, HDD12, LHY12, SBWF14, TD12a]. time-fractional [BHY14, ZFH14]. time-harmonic [DLC11, EAG14, LLP14, MÖn13, NPC11b, PL10, RM12, TEY12, XJ14, ZMD+11].


Time-space [LS13d, HL12a, TH14a]. Time-splitting [LX14, PGA11, Sal14].

Time-step [LDDBR13, CJN13, DL10, LLH10]. Time-stepping [KA13, AB11, DS12, HRBK10, Kri10, LMGS13, SK13, ZMQ13, AAT14].


tire [VSC11]. TLM [TRSM+13]. TOKAM [TGT+10].

TOKAM [TGT+10]. tokamak [AAG14, HdBK12, PBC14, BBF12, ICC+10].

tokamaks [LL10b, MMIW14, TGT+10]. tomography [BFR13, GJ14a, HQL10, LHH14, LDN+10]. tool [YL14b]. tools [BFR13, PMM+11].

topography [FMT11a, IOn13, JTT14, LT14, MGN13, YC1]. Topological [Par12b, CNR11, NW10].

topologies [LS13c]. Topology [DLZ+11, YYY14, CZ11b, DLLW14, TNK10, ZLL10]. toroidal [KHJ13].

toroidally [ZKV10]. Torrey [NLGL14]. torus [CM13]. Total [KKHK12, LLYE12a, BDM13, KBS14, OS14, VMA14, YL14b, dcRCS10].


tracers [GM11a]. track [KS13b]. tracking [APF13, AK14, Ald10, BW13, BR12a, FL14, Her10, ID10, K14, LTC10, LW11, MS12, NW10, Qua11, RZ10, RR14, Sam14, SN13a, STD+10, UKM13, VF10, WWZ13, Wit10]. tracking-level
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tracking/ghost [TVEC12]. tracking/Lagrangian [Her10].
trajectories [BBC+13, LTC13, LRS10, LSK11, Mar10a]. Trajectory
[HCP10, NVS13, CSC14]. transducers [HVD13]. transfer
[BRS13, Boo11, CCG12, DTU12, ETW10, GL12a, GGH14, GS11a, HS13a,
HMOH11, IL11, IF10, JYHT10, KKvZB14, LN10b, MB13a, MH10, NTV14,
OHF12, PBdGP14, RCCC14, SRS14, SD14c, WL11, ZYT13, ZTL13, WP14].
transform [HW11, JHF10, LQ10a, RS13b, RS14b, Boy10]. Transformation
[LBMI4, OK13, GC11, GCZ13, JW11, KO14, MTZ14, PIN14, RG12, ZM10].
transformation-free [GC11, GCZ13]. transformations
[MMD+11, OK10, ZCD10]. transformed [FCY13, PSF+14, Nic11].
transforms [QY10, STD14]. Transient [LCK11, MKJ13, AJRT11, BLM+14,
BCL13, BD12, LP11, MSTL13, MGN10a, NHE14, NJ12, SK12b]. transition
[JW11, KGK13, ZHW10]. transitional [TAD14]. transitions [CL13].
translocation [WMK13]. transmembrane [ALGB+13]. transmission
[JS13b, MTT13, PL10, PRL10, Stu10, WK14]. transonic [BBD11, SSG11].
transparent [Du11b, HPA14a, MJ14]. Transport [KS13b, MM11, AHA13,
AAG14, AS12, BDL11, BLRRI11, BGW13, BRP14, Boe11, CTP13, CVC12,
CdCN14, CRT14, CKD10, CM10, CBTR13, DTU12, DR14, EN14a, EN14b,
FL10, FLD+12, Fu13, GY10, GMC13, Gio10, GPS10, GBB+13, GLC+11,
GP12a, HLM11, HRT11, HH12b, HH13, JC10, JLC14, KFOS14, KGRM10,
KHGW13, LBC14, LKM13, LP14, LNU10, LEM11, LP13a, LB10, LB10,
MKCB14, MPS+14, MMR12, MTS+11, MB10b, MV13, MJ13, MMJ14,
MG11, NSA11, NL10, NGV14, Nor14, Oli14, Ols11, Ols12, OD14, PMS14,
PBI4a, Pri14, RAO13, RGK12, RF14b, RCCC14, RSFS13, RGL10, SGS13,
SH14, SOL13, SBB10, STD+10, SAA14, SWR11, Tal13, TGT+10, TLG10,
Tok10, TR14, VTTK13, VXBI4, VHWF13, VWP10, WR11, WT13, WD11,
WAM14, WPK14, WTK14, XX12, ZSW10, Zer10]. transport
[ZCW11, ZKM+11, vDS12]. Transport-constrained [KS13b].
transport-diffusion [DTU12, RCCC14, SAA14]. transport-velocity
[AHA13]. Transportation [BFO14]. transversely [BCL14]. trapezoidal
[Ide12]. traveltimes [LQ11]. tread [VSC+11]. treat [SS10a]. treating
[JWNL11, MKB+13, RWMG11, WS10b]. treatment
[BB12a, GF13, Joh11, KDS14, Kha13, KK10c, LH14b, Man12, MBD13,
SVK14, SN12, SJH12, TS11, TSW1N12, TR12]. treatments [JC10, OS14].
tree [CG12, LL14a]. tree-like [LL14a]. treecode [GK13].
treecode-accelerated [GK13]. trees [ARR11, ARR13, TE14]. Trefftz
[Tsu10, VBVD10]. Trefftz-based [VBVD10]. triangle [KBRM12, SDH12].
triangles [WCV13]. triangular [BMS12, BBD14, CF11c, CH11b, FE11,
Gas11, IXX14, LXM14, SV10, TD11b, WR11, ZZS13]. triangulated
[Mar10a]. tridiagonal [HPLS10]. trigonometric [Boy13, CJM13]. triple
[Li13]. troubled [VR14]. troubled-cell [VR14]. truncate [ACG14]. truncated
[DKC14]. Truncation [SS14a, FdVV12, FVR13, SEBG12]. Trust

turbulence

[CP13a, CDB13, ECD14, Ger12, GLB+11, GHM12, GLM14, GM14b, HHL11, JLB+10, KSP13, KGK13, MG14a, MS14b, OBT11, OTV13, dILPC10, dILPC12, SNS10, SRL+11, TGT+10, Tau12, WWX+10, WMYYG10, YB14].

Turbulent

[BPQ13, BHB11, BVM14, BH13a, BGGW13, BA10, BGM12, BM13b, BH13c, CFCA13a, CFCA13b, FL14, Fus13, GG10, GHM10a, GM11a, GW10, HHL13, JK10, KH13, KSL10, LBC14, LTC13, LDS11, LSBJ14, MJ13a, Nag14a, Nag14b, OAK11, PP14, RG13, RBNS+12, RBNS13, RS10b, SBB13, SFCF10, SRS14, TRL14, TAD14, Ty14, VX14, VW11, YBY12, vDS12].

Turing [GMT10]. Turkel [AGBC14]. TVD [BR14, QL12]. twist [OLC13].

Two [BBG+11, DTG+14, Du11b, GK14, HY10, JGZ14, PZ10, RDHK12, WABI11, YT12, ZWL+12b, ABL+11, Al14, AK12, ABMT12, ABMT14, Bal12b, BD14a, BG10, BW13, BILM14, BYCC14, BCM+11, BRS10, BHY14, BD14c, BTY14, CBK12, CTG12, CRS14, CWS14, CS10, CS14b, CZ11b, CL11b, CTSM13, Cu12, DYY14, DF14, DS12, Don14b, DFG14, ES10, FGR12, GM10, GT12, GJLY13, GL12b, GHL14, GV13, GW14, GIQ11, HZ11a, HR10, HLLW11, IJZ13, JCC14, JZ11, KCG14, KS11a, KT14, KLP10, KK10c, KL11b, LP12a, LP13b, LBT11, Lec14a, Li10a, LX13a, LXL13, LW13a, LHN13, LW13b, LP11, LHPH11, MB13a, MF14, MB12, MAB+13, MFM12, MB11, MNP+10, Men12, MTZ14, MW14a, MY13, ML14b, MJ13, MMJ14, MGN10a, MGN11, MGN12a, NKF14, PB11, PZTW12, PE10, PBM11, PS14a, PS15, QB14, RBB12, RV10, RE13].

two

[RB13, RNT12, Sam14, SF11, SGS13, Sha13, ST13, SYJ11, SX14, SHA11, SHA12, SBvdV11, Skt10, SMS14, SS14c, TSL11, Tok11a, TT10, TL13, UGK13, VP10, VP14, VMA14, VBC10, VSC+11, WW14b, Wan13a, WW11, WZ11, WSS12, WZSN12, WG13, WQS13, WC14a, WMYYG10, Wol12, WS14, WS11, WT14, XYL14, XR14, YS11b, YZX14, Yin14, ZHW10, nZsS11, ZYHW13, ZHY13, ZKZ10, ZHS10, ZWL10].
two-center [LP12a, Men12].
two-component [MTZ14, ZK13].
two-density [ZWL10].
two-dimensional [YZ12, ZWL+12b, Bal12b, BD14a, BG10, BILM14, BYCC14, BCM+11, BRS10, BHY14, BD14c, BTY14, CBK12, CRS14, CS10, CS14b, CTSM13, Cu12, Du11b, GMB10, GIQ11, KS11a, KLP10, KL11b, LX13a, LX13b, LW13a, LRN13, LW13b, LP11, MB12, MAB+13, MNP+10, MGN10a, MGN11, PB11, PE10, QB14, RV10, VMA14, Wan13a, WW11, WZSN12, WS14, WS11, WT14, YZX14, Yin14, nZsS11].
two-dimensions [JZ11].
two-equation [WMYYG10].
two-fluid [CZ11b, DF14, DGF14, GVV13, KKL10c, NK14, SBvdV11, SKt10, YS11b].
two-layer [LBT11].
two-layered [Li10a].
two-level [WABI11, HZ11a, JCC14, Sha13, SS14c].
two-parameter [ST13, WC14a].

Two-phase [GK14, PZ10, RDHK12, ABL+11, Al14, ABMT12, ABMT14,
ultra [AK14, DL13a, DL13b, LHM14, SBS+13], ultra-relativistic [AK14, SBS+13], ultrascale [AC11], unbounded [AJRT11, Boy11, BHY14, CK10, CGS13, DKC14, DRZ14, Era13, hGzSnZ12, hGzS13, HLS14, HRCW13, JPC+14, JKR14, SY11b, Zen11], uncertain [BND+12, TLNE10], uncertainty [LTT10, SP13, WT12b, AC13, AA13, BZ12, BZKl13, CPX13, CNST13, CZ13, EH14, EH15, ERS14, JEX10, JNX13, KL14a, LBR14, MPPP12b, MPPP12a, PGLK14, WI13a, X15], unconditional [BRVE12], unconditionally [MY14, SHR13, BCP13, BL10, DS10, GH11b, LGF11, LB10, MAD13, TD12a, ZFH14], undulatory [YS11a, YS11b], unequal [Ge10], unidimensional [OK12], Unification [Nis10], Unified [IVFK14, LYXZ14, SMP+13, BBGP13, CXLC12, GHS13, Mic13, RTKS10, XH10], uniform [AM12, AW14, ABJ+12, Boy11, CD12a, CES14, CLSX14, ES14, GGG+13, LH10a, LT11c, LF11, MB10, MBGW13, SBS11, WLL13, nZzSlL14], uniformly [Luo13], uniqueness [SP11], unit [Hel11a], Units [SSK+12, GH14, KHRD11, LS11, LLL10, HJBB14], units-Radial [LSK11], unity [OJW10], Universal [BRS10], Unlike [KWH10], Unlike-particle [KWH10], unorganized [DS11], unresolved [GLM14], unsplit [LP13a, Lee13, MT10, OJ11, OD14], unstable [GCFJ13], unstaggered [HRT11], unsteady [BDA12, BGM13, BSCMI13, DLZ+11, EH13, GCL13, IH13, KKvZB14, LDS11, LGC13, LLP10, LvZB10, MHY14, MG11, ML12, MG12b, PC13, Sen13, STH11, SFWP10, SM10, SX14, YDN10, YP13], Unstructured [CV12, ALR11, ABD14, AIX10, AGSG11, BDA14, BMN14, BYCC14, BV14, BD14b, BB14, BC10b, CCKCG10, CZ11a, CRT10, CBTR13, DCL11, DLM13c, EZ10, ERA13, FB11, GM10, GCA13, GBB+13, GP12a, HLT10b, IXX14, IKO+14, JLZ13, KS11b, KDS14, KAFB11, KD10, Lan14, LRL11, LR12, LZ13, LS10, LM14a, MF12, MB12, MAB+13, MIJ10, MG14a, PB11, PYK10, PVLT10, Per13, RS14a, SGS13, SCGE13, SY14a, SY14b, SSHM10, SR13c, SSW13, Son11, SS10e, TF10, TLO+14, TTD11, TAD14, VMA14, WR11, WAM14, XIIX14, ZN14a, ZN14b, ZQ13, ZZSQ13], unstructured-mesh [SSW13], unstructured-meshed [BYCC14].
[BM12, RF14a, SST10, BF12, BSS14, HY10, HWA10, JTXZ12, MHGNM12, Mu10, PBWK11, Ric10, SHCY13, VQVD11]. Upwind-biased [SST10]. upwind-schemes [Rie10]. upwinding [TLNE10]. UQ [NV14]. Use
[Ide12, CHC11, DMP14, GD10, HLR13, KM11, KGKS13, MD13, Mar10a, dILCP12, ZPGO10]. used [NB13]. uselessness [Boy10]. Using
[GD10, HLW13, KM11, KGKS13, MD13, Mar10a, dILCP12, ZPGO10]. used [NB13]. uselessness [Boy10]. Using
[Gon10, LA10, SJ10, ABD14, AH13a, AHA10b, AJ14, AA13, ADT14, And13, AE11, ABK12, ABK13, AEM13, BGGS11, BA10, BO14, BN12, BS14b, BE12, BS14, BX12, BHL12b, BGG12, Cam13, CGM12, Cha13, CGG12, CP14, CCCC12, CLG13, CSK13, CF11c, CH11a, CCLV10, DL12, DCC13, DJ14, DAE13, DCVM11, EGW11, ES10, EQYF13, ELM14, ERT10, FT11, FMT11b, GMB10, hGzSnZ12, GW11, Gno14, GBB13, GLC11, GHH14, GWG14, GIQ11, GMM14, HDCT12, HBZL14, HMHO13, HZS12, Hu14, iIT14, IA10, JWF12, JMO13, JYHT10, JLS14, Jol11, JMG13, KVM12, KM13, KJ11, Kha13, KSP10, KSP13, KJC13, KM10, KHGW13, LRL10, LC11, LC13, LC13, LZC13, Liu11a, LZW12, LPH11, LBR14, LCB12, MB13a, MFR11, MOV12, MTT13, MOSW12, MFR10, MTG11]. using
[MTS11, MZB12, MDM12, MLBS14, MY13, NTV14, NS14a, NMT12, NB14, Nor13, Ols12, OLC13, OLP14, PD10, PB11, PM11, PH14, PB214, PB11b, PM14, Qua11, QA11, RBB12, RSW1, RHR12, RA10a, RR14, RS13a, RDH12, RB10, RS10b, RG12, Sal14, SNS10, SAM10, SY14a, SSS10, SCGE13, SZ10, SYL12, ST13, SM12, SCH13b, SF10P, SC12, SM12, SR13, SS4c, SD12, TK12, TK15, TE14, TBM11, TS12, VHWF13, VT13, Vol14, WK10, WWS13a, WT13, XFB14, YYY14, YM14, YM10, YXD14, ZD10, ZYW13, ZY13, ZQ11, ZZSQ13, vydCNS10]. utilizing [SAHS14, UJ12].

V [NOT14, NOT14]. V-V-P [NOT14]. Väisälä [HD12]. Validation
[BSDM12, GM10a, NB13, OAKR14, YK12]. validations [DEMB14, LXS12]. validity [JRG13]. valuations [CL10]. value
vapor [CP12]. Var [CS14]. variability [ECDB14]. Variable
[MTS11, AF13, BMK12, CTP13, CG13, GW14, GW10, GL14, HK11, ISZ12, JVN12, KABF11, LRT13, LM13, Mar13, Mor10, ML12, P15, S13, S13, SH12, TCG13]. variable-density [AF13, GW10, SH12]. variable-order [KAF11]. variable-steps[CP13]. variables
[AB10, LGE13, SK13a, ZJT10]. variably [AST12, HSK15, Zad11]. Variance
[Sz12]. Variance-reduced [Sz12]. variate [TAAY14]. variants
[EMK11]. variation [FN10, KHHK12, YL14b, YB14]. Variational
[ES13b, GA14, LH12, MKGV12, ML14a, OBT13, ZOW10, ZOJR11, ZWL10, ABL11, ACC12, BGGW13, BA10, BS12, BS14,
Volterra [HHGC14, ZN10]. Volume
[AGBC14, KLL13, SGW10, SC10, AIX10, ABS14, BFSVC14, BD14b, BBD14, BHL12b, BDKV14, CCKCG10, CV12, CHKT13, CRG13, CLSX14, CDL11, CDHM11, CC14, CMG13, CJ14, DM13, DCL11, DZHB13, DKM11, FGR12, FS10a, FE11, FMM10, GDHM11, GDGP11, GXS14, HJ11, HKJ11, HRBK10, HMHO13, HM10, Hu13, HAQ12, IX10, IDNG13, JMW12, JTXZ12, KCG14, KASK12, KDS14, LP13a, LR12, LRB14, LS10, LHP11, LGH10b, LTL11, LZZR10, MAPP13, MF14, MB12, Mig14, MSS12, ML13, MMT14, MLBS14, Nis14a, Nis14b, NNS11, Nor14, OD14, PDSS10, PRH14, PGL11, PvdTB11, PNPF10, PM14, PP14, QB14, RSK13, RB12, RDHK12, SSB13, SY11a, SY12b, SS10c, SG14, SY11c, SR13d, SIDG13, UJvL10, UI11, UJ12, VDP11, VWPF11, WVF13, WSS12, WYS12a, WYS12b, WZZ14, WZ10, WT14, WG14, XIX14]. volume
[XLD11, YAL11, ZHY13, ZJL14, Den11a, GP12a, TL13, WY10].
Volume-average [XII14]. Volume-average/point-value [XII14].

Water [JPC14, JKR14, RB10, AIX10, ABS14, BNT14, BDT10, BCD14, BF12, CV12, CRG13, CLSX14, CT14, CB13, DLGP13, DMMGM14, DKA12, DLM13b, DLM13c, FNKdLB13, FMT11a, FLB12, GAvdVB14, Gas11, GCFJ13, IX10, JTT14, KJ11, KIF14, LT11a, Le12, LBT11, LGLX14, MHGN12, MGN10b, MGN12b, MGN13, Nag14a, Nag14b, OBT12, PDZ14, PE10, Pud11, RBS12, RVFK14, RW13, SHR13, STC10a, SN13b, TS12, TBR13, UJvL10, WPPK12, Xin14, YC11, ZOJR11, ZMD14, Zhou11, vTCL10, vV12, SP14a]. Waterman [KSPP10]. Wave [ABH14, BCL14, FJ12, MGN12b, AJRT11, Ain14, AMP14, AETT11, BK14a, BH12, BLQ14, BGH10, BRS11, BHK10, BHY14, BRR14, CTG12, CL11a, CH10, CS14, CH11b, DOR10, DB12, DRZ14, DEKBF14, Dur14, DV14, DVM11, EL11, Fat10, FH11, FMM10, GHJ14, Gri13, HH12a, HVD13, HBZL14, HDHZ13, IBO14, JPC14, JKR14, JFC13, JXD14, KKS13, KS11a, KDS14, KEGM10, LH10a, LP12a, Le14b, LXL13, LH14a, LL14a, LS13d, LT11c, MBL14,
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Yang:2014:SDF

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Zhang:2012:CHDb


Zhang:2013:OEF


Zhou:2010:PFS


Zhang:2013:AMF


Zhang:2013:NSS

Zhao:2014:PPS


Zhang:2013:NEM


Zhang:2014:GFR


Zhang:2014:PMP


Zhao:2011:BTS

Zhang:2013:MPS


Zhu:2013:RKD