Title word cross-reference

(1 + 1) [HPA14a]. (k) [NS11a]. 0 [MVCFM13]. 1
[BGR11, BCL13, DK14, FNGV14, GM10a, HvB11, MMR12, MZB12,
MMT14, MHGNMI3, 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, JMGN13, KBS14, LVFK14, LT12, LS13d, MAPP13, MMR12,
MDTC13, MHGNMI3, MV13, MBGW13, MLGN12, Ols12, SY12a, SCH13b,
SM12c, SAA14, TR14, TGGT13, UWB12, WR11, YCY11, Zha10a, ZOWZ10].
2.5 [KL12a, MBMV13]. 3
[AST13, ABMT14, BLM+14, BWC11, BS14a, BGHM13, BLJ11, BD14b,
CP14, CWW12, CC12, CH14, CGF+13, DDL13, FBMI4, FW12, FCG10,
FGLB14, GW13b, Ge10, GCZ13, GMC13, GD10, GL12a, GLC+11, GKS+11,
HRT11, HLYS11, JM10, KVM12, KKS13, LH10a, LP13a, LTSH10, LEH12,
LLP14, LMBB11, LDA10, LL10b, LZZR10, MMM11, MVCFM13, MF13,

α [DR11, PLT14]. αβ [KRF12]. Bi [SRN13]. C0 [DSZ13, HLLW11, ZTG+13]. CFL > 1


α [DR11, PLT14]. αβ [KRF12]. Bi [SRN13]. C0 [DSZ13, HLLW11, ZTG+13]. CFL > 1


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, BGH10].
absorption [Den11b, FJ12, SCS14]. AC [HDD14, KBSV14]. absorb [YS14]. Absorbing [Hut14, KG12b, SCGE13, VDP11, VBSK10, WP14, BD14a, FT14, GK13, GLC+11, GD13, IFD+12, KSP13, MdVBS13, NVS13, PPB14, QA11, RCQL11, RBC10, SBB13, STC10b, Tak14, WK13b, Fat10].
absorbing [Den11b, FJ12, SCS14]. AC [HDD14, KBSV14]. absorb [YS14]. Absorbing [Hut14, KG12b, SCGE13, VDP11, VBSK10, WP14, BD14a, FT14, GK13, GLC+11, GD13, IFD+12, KSP13, MdVBS13, NVS13, PPB14, QA11, RCQL11, RBC10, SBB13, STC10b, Tak14, WK13b, Fat10].

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, BGH10].
absorption [Den11b, FJ12, SCS14]. AC [HDD14, KBSV14]. absorb [YS14]. Absorbing [Hut14, KG12b, SCGE13, VDP11, VBSK10, WP14, BD14a, FT14, GK13, GLC+11, GD13, IFD+12, KSP13, MdVBS13, NVS13, PPB14, QA11, RCQL11, RBC10, SBB13, STC10b, Tak14, WK13b, Fat10].
absorbing [Den11b, FJ12, SCS14]. AC [HDD14, KBSV14]. absorb [YS14]. Absorbing [Hut14, KG12b, SCGE13, VDP11, VBSK10, WP14, BD14a, FT14, GK13, GLC+11, GD13, IFD+12, KSP13, MdVBS13, NVS13, PPB14, QA11, RCQL11, RBC10, SBB13, STC10b, Tak14, WK13b, Fat10].
JG13, KVM12, KWSJ11, KmVM+12, KA12, KG14, KSD12, KL12, KL12c, L5M14, Lap11, LBT11, LHY13, LZ13, LLZ14, LX14, LN10c, MZ10, MS14b, MZ1IC, Min13, MTG11, MG14b, MN14]. adaptive
[MIGK12, MNL+13, MJ13b, MBGW13, Mur10, OS12, PZW14, PZG14, PHRG13, PM+11, PRA13, PGLK14, PR13b, PWB+14, Phi14, PHSA14, Qua11, RSS12, RE13, RXW11, RXXS14, RPA13, RS10b, SHM10, SSB+12, SFWP10, SWR11, S11c, TE14, TA12, TDV13, TAAY14, TBR13, UKP14, VIB10, Wan1a, Wan10, WR11, WS11, YLY10, YJK12, ZM1Q13, ZN14a, ZN14b, ZDSP11, VV13, NT14]. adaptive-resolution [RSS12]. Adaptively [XZWW12].

advection-diffusion [KKA12, LN10a, LSV10, MKGV12, Nis14b, RSS12, WCVJ13].
advection-electrodifffusion [LGP10]. advection-propagation [AL10].
advective [LDE+13, SM12a, SM12b, VTTK13].

ALADINS [VV13]. ALDM [HAD10].

ALE [BKC+11, FL14, GMB10, JLZ13, KPH13, KGSS10, LMQ+11, MSB14, SY14b, VKL+13, WK14, WC14b]. ALE-based [LMQ+11]. ALE-DGSEM [WK14].
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, CRS14, 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, KSPP10, KO12, KL14b, KS12, Le 14a, LKT+12, sLwG10, LD12, LWD13a, LWD13b, LLP14, LG14, LXS12, LBZ+10, LX31b, LvZB10, LTL11, MGZJ10, MW12, MMM13, McJ14, Men12, MBLM10, Met11, MDMA+12, MW14a, MWH14, NS11a, Nic10, NS14b, OM12, PZW14, PZG14, PVLT10, PGL11, PE10, PT12, RCW11, RKM11, RH13, RBNS13, RS13a, SBT14, SNS10, SM12a, SNB13, SSHT14, SAHS14].

algorithm [ST13, Shy10, SX14, SC10, SFWP10, SK10, SRN13, SYE10, TBHM11, TRSMM+13, TY11b, TR12, TSR13, Tyl14, VDD10b, VRBZ11, WFL10, WBC13, WZ10, XCI1, YCY11, Zad11, ZJL+14, ZL13, ZWH+12, vdVR12a, vdVR12b, FT11]. Algorithmic [Nor13].

Algorithms [DRW11, AKP+12, BHBM10, CWL13, CW13, CJS12, CHZ13a, CHHL11, CBTR13, Del14, DR14, DAE13, ES13b, Gio10, GCW14, GKS+11, HIB13, JEU11, JGZL14, KN14, KIG11, LGE+13, LWS14, MPWK13, NS11b, NPV14, PP14, SMP+13, SSR+13, TvdHS+12, Tyg10].

alignments [SHFB12].

All-at-once [SW13].

All-electron [SL13a].

all-speed [CDT13, CDK12, sLwG10].

Allen [BSS12, GLWW14, RNT12].

Allmaras [CDB13]. allowing [MKB+12].

almost [Pie12]. along [Gri13].

Alternate [Ols12].

Alternating [LX13a, LX13b, LP14b, nZzS11, Cui12, WW11, WD14].

alternating-direction [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 [CNSFD13, CN10, MV13, SRN10].

analogs [Ber14].

analogy [Cam13].

Analysis [Del10, DBHB13, HdsCNT12, KKvZB14, KG14, LH14a, LMS11, Man12, PGL13a, PB13a, SS12, SRSV11, SSFM12, SK10, TPA+13, XS13, YBK13, ABKF11, APY14, APS14, BHS14a, BHS14b, BA10, BAB+13, BLA+14, BW14, BB12b, BP13a, BRSS11, CWS13, CTG12, CM13, DRB14, DW10, Den11b, Don10, DZL13, DB12, DEKBF14, EHA14, EC13, GB14, GLS12, GCLS11, GVH14, GZQ13, Ham10, HPS13, HBAP10, HLSO13, Hig13, HVT12, IH13, IWG13, KWJ14, KJC13, KGG10, KWD12, LS11, LCK11, LOR13a, LD14, LDE+13, LLS11, MZ11a, MS0a, MS14b, MZ11d, PGLK14, PVDM14, QS11b, RVbZ10, RB10, Rot13, SK12a, SM12b, SHFB12, SSR+13, Soa13, SLC+11, SG13, TNK10, TCL11, UJ11, US11, VCI11, WXZ10, WHB14, WIJ13, WH11, WG11, WL11, XMS12, XMD13, XMDG14, ZKV10, vdVR12a, CRS12].

analysis-suitable [XMDG13, XMDG14].

analytic [DDL13, LW13b, RNBS13, TR12, WL14].

Analytical [JR14, CC13, CSDK10, DFD14, GVH14, LVFK14, PBB14, XX13].
analytical-based [CSKP10]. analyze [HDPF11]. analyzing [HVD13].
anastomosis [GDY10]. anatomic [LS13a]. Anderson [WTK14]. aneurysm
[GFK13]. angle [BS11b, DL10c, Gon12]. angular [BM10a]. animated
[LS13a]. Anisotropic [MVG^+12, ABD14, AT13a, BWC11, BGH10, BDA12,
CdBCH14, Cha14, Cou14, CJH13+13, DLNN12, EZ10, GH14, GW13b, HKL10,
JS13b, LH10b, LH10c, LDA10, LHV13, MB12, MMP11, MTSG12, MN12,
MBL^+14, OJ11, OK10, SS11, SG10b, SG10a, SG12a, SG12b, SH11, WBC13,
WGD12, WG14, YD12, YN10, YB14, vEKdB14]. Anisotropy
[LLMY14, MB13b, RR14, SG12a, SG12b, SRSV11]. anisotropy-free [RR14].
annihilation [SR13a]. annular [KTT12, Mit13]. anomalies
[BDA14c, OAXL13]. ANOVA [LLZ14, YCLK12]. ANOVA-based [LLZ14].
antenna [ZLL10]. Anti [SHA11, SHA12, KL10b]. Anti-diffusion [SHA11, SHA12].
anti-diffusive [KL10b]. any [GPS10]. aortic [LS13a]. aperiodic [PMSM12, PS14b].
apertures [BL13]. applicability [HGSK^+13]. applicable [Sen13].
Application [AC11, Bal10, Bal12b, Bal14, BDLGC13, CYK^+14, CTP13,
CRS14, CZ11a, FGE11, GH12a, GP12a, G10, Han10, KBRM12, KWS^+11,
KMA13, KBGRMI0, Kol11, KL14b, LHH14, MS10b, Mar10b, MPWKL13,
MM12, MRS14b, MHGNN12, MGNI0b, MGNI2b, NHE14, NMZC13, PPS12,
RTS13, SdAW14, TDVG13, Val14, VS11, VBCM10, ZYLKL13, BDA14, BC10a,
BG10, BDTW10, CFC13a, CFC13b, CL14b, CAH14, CDL12, GLSC12,
GJ14a, GKK^+13, Heu13, HHH14, ISZ12, JLY10, KKS13, KST13, KKVZB14,
KG14, LYE10, LTH10, LHI4a, LG14, LHV13, MJ13b, OBNN13, OBNN14,
OD14, PRH^+14, PL12, QSL11b, SS11, SF14, VDD10a, WC14b, ZFJ11,
ZTL13, DFNNRdA14, MGNI4b, TVEC12, VSC^+11]. Applications
[BNZ12, LRK11, ASGW11, AH13b, BHN10, BW13, BCW13, CMO14, CS12b,
CZ13, DDF14, DMT^+11, DMM^+13, DMR14, hGzSzi14, GCBH10, GKN^+11,
JMW12, JQK13, KL14a, KIG11, LGG^+13, MGNI2a, NIN^+14, NB13, OM12,
QL11, SS12, SLH^+11, SST10, TDL^+14, WZ10, XQX13, YS12b, ZLH12,
CCFCM11, FR13]. applied [AA10, BLDv14, BKDV14, BJ12, CFW^+13,
CRT10, CG13b, Del10, DOR10, DG12, EWH14, FH11, FY13, GVV13,
KKC^+13, Lan14, LVKF14, LLS11, LL10b, NLGL14, NDBG14, NKF14,
NVS13, SK12a, Stu10, TD12b, WVF13, VG14, WR11, ZHW10]. Applying
[KS11c]. Approach [TK12, TK15, AC13, ABL^+11, ABMT12, ACB^+13,
BDL11, BFR13, BW13, BPS14, BR11, BCL14, BCL^+11, Boo11, CGC13,
CMS10a, CGG12, CP14, CHKT13, CPX13, CW14a, CKR14, CST10, CRS12,
Don14b, DL10b, EBGW13, ETW10, FM13, FLMI2, FMT11b, GLLP14,
GPCE13, GCE14, GZQ13, GMXG14, HD13, HMHO13, IAM^+12, JEX10,
JYHT10, KKL10, KBDT12, KKVZB14, KMA13, Leu11, LWF11, LM13,
LPHH11, LGH10b, MB13a, MCD14a, MVS13, MP13, Mön13, MKB^+13,
MLBK14, MN14, NTV14, NS10, OK14, OLP14, PHRG13, PGLT10,
PRA13, PHD14, PB13b, dILPC10, QA11, RUL^+13, RXW11, RKG14,
RTKS10, RDHK12, SBC^+14, SSB13, Sam14, SMF^+13, SCIE14, Sco12,
SD14b, SAHS14, SX14, ST11a, SGV13, SIT^+11, TGO13, Vai14, WZ13,

B [BSV14, EH13]. B-spline [BSV14]. B-splines [EH13]. back [YZ12]. backflow [BC14]. backgrounds [FvdB12]. backward [LP13a, LQ10a, WZG+13]. backward-facing [WZG+13]. Bad [MMP11]. Baer [FP12, PZTW12, TT10]. bag [CB13]. balance [BKW10, CLS13]. GGC+13, LPE+11, MAK14, MGN13, PWK11, Tok11a, VWF13]. balanced [BF12, CF10, DLGP13, DLM13b, DLM13c, FMT11a, FMM+10, KM14a, LG1X14, MW14a, MPT13, MGN14b, TR12, WYS+11, Xin14, Yok14, DMMGM14]. balanced-force [MW14a]. band [And13, BG10, BS14b, LDM14]. band-limited [BS14b]. Bandgap [MN1+10, HCH+10]. bands [BS11]. bar [JXD14, RG12]. barrier [RJC13, Tok10]. base [MR14b, VMS12]. Based [ABH+14, ARR11, ARR13, AL10, AHot14, AS12, BK12a, BCZ13, BD10a, BOD11, BBC+12, BNM14, BWC13, BMK11, BMK12, BA10, BN14a, BERB+12, BYCC14, BHK+10, BS11b, BRSS11, BRS13, BRP14, BBD14, BGR12, BKV14, BCW13, CCKCG10, CRR11, CDF11, CK10, CM14, CXZ10, CP10, CBW10, CLZ12, CCL+14, CLSX14, CY14, CHHS11, CGMQ14, CGS13, CKR14, CSKP10, CDS13, Cot11, Dad12, DV13b, DLNN12, Del11, DCL11, Den11a, DP12, DFD14, DKR12, DS11, DCL11, DLM13b, EH14, EL11, FGZ12, FGR12, FL13, FH11, FL11a, GDHM11, GC11, GG14, GL13, GKG+13, GBB+13, GBS+14, GCL13, GHM13, GTSC14, GZQ13, HHS+13, HPS13, HHL11, HBAP10, HK14, HHC14, HMM+10, HLSO13, HHK13, HHH12b, HHH13, HLZ14, HM13, HKL10, HMOH11, IAM+12, ISZ12, IWG13, ITO+10, JMJ13, JTH10, JSX10, JWYH10, KS11a]. based [KF13a, KIF+14, KKO13, KO12, LEM11, LGC13, LQ10a, LLZ11, sLwG10, LLX11b, LJ13a, LLZ14, LXS12, LT11b, LSVW10, LS13d, LB1M14, LMQ+11, LMS+10, LL12b, LL14b, LXL+12, LXS+13, MDTC13, MS14a, MT13, MSD12, MYM12, MBD13, Mön13, MF13, MMJ14, MGN10a, NTV14, NN12, OBT12, OK13, Par10, PMB11, PB13b, Per13, PT12, dLPC10, RV10, RH13, RWX11, Ren11, RRCD14, SSS11, SP14a, SQC11, SS10c, SCB10, Soa13,
BlueGene/P | ARF12. bluff | RBCK10. blunt | NHE14. Board | 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, Ano13i, Ano13j, Ano13k, Ano13l, Ano13m, Ano13n, Ano13o, Ano13p, Ano13q, Ano13r, Ano13s, Ano13t, Ano13u, Ano13v, Ano13w, Ano13x, Ano13y, Ano13z, Ano14-34. 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, CGR11, 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, LL10a, LMK13, LP14a, LZX + 13, LZV12, LVZK14, MD13, MMR12, MB10a, MS10h, 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, VMS21, VS14, VM10, WK10, WZG + 13, WZT + 14, WC11, WS10c, WS11, WWS + 13a, Xie14a, XS13, XM14, YYY + 14, YZ12, YN10, YN14, ZGSZ10, Zhou14a, ZF14, vTCL + 10. Boltzmann-Immersed | FRP14. bond | NWLS12. bone | AKL + 13, SR13b. boom | AL10. boosted | VGCM11, YXD + 14. BOR | TD11a. Borehole | TSL + 14. Boris | TAAY14. Bose | AD14, BCW10, BCZ13, CCW11, CCC12, DH10, FT12, JCC14, LZZC14, MTZ14, ST13, Wan11b, Wan14, WC14a. boson | BD11a. bounce | YZ12. bounce-back | YZ12. bound | AM12, MB13b, VKL + 13. boundaries | BWC13, BUH11, CN10, GPY14, Gri13, GT11, JKR14, MGLS12, MK12, MHGHN14, NS14b, SS10a, UGF14, YS11a, YS11b, ZN14a. Boundary | ABH + 14, BB12a, BH10, CF11a, CEK14, CTG12, CG12, FCYF11, FCY13, LMK13, MK12, SVK14, WY11, ABD14, AV10, AHA12, AMP14, AST13, ALS + 14, ADSF13, AKMD14, BF14, BN11, BN13, BN14a, BS10a, BR10b, BR10t, Brel12b, BHY14, CKS14, CCCFM11, CT10, CT13, CHC11, CFKL11, CB10,CLS10, CVI + 13, CGC + 12, CCG11, DDF14, DK14, DP12, Don14b, DKC14, Du11b, DGF14, DWZ10, EO11, ES13a, FDHP11, FL14, FY13, FCN + 13, hGzSnZ12, GCA13, GW11, Gen13, GK13, GHM14, GHG14, GS11b, GH10, HPA14a, HZ11a, HKM12, HG11, HLW13, HL12b, HDD14, HF11, HDF11, HKL14, HCS11, HCS12, HW14a, HF10, IF10, JYHT10, JMW12, JC10, JCT11, JLC14, JM10, Kau10, KS11c, KSR + 14, KF12, KJ11, KT14, KLP10, KL10a, KLPS14, KTT13, KG12b, Le 14b, LRL10, LGP10, LKCY11, LY13a, LFK11. boundary | LVFK14, Li10a, LKTL10, LL14a, LRL11, Liu11b, LX13b, LH14b, LL12b, LL14b, LYD10, Man12, MBS13, MMS13,
RWX11, SPF10, Shu14, Xu11, YKWS13a, YKWS13b, ZJL⁺14]. Caputo [hGzSwZ14]. cardiac [ABK12, ABK13, CYK⁺14, KVC⁺13, MNKS13].
Carlo [DWL10, HH12b, HH13, AB13, AJG⁺13, AKP⁺12, BDL11, BHM11, BHM13, BP13a, Boo11, CRS14, CGP10, CBGK13, DD12, Den11b, DTU12, DBO⁺10, EMSH14, GCA13, Gen11, GKN⁺11, HJBB14, JNSA12, KSS14, LC13, LWZ⁺13, MMM11, MSS⁺14, MOV12, MSS12, MGV11, MJM13, MMJ14, NKS12, NVS13, PBC⁺11a, QA11, RLJ14, RSFS13, RRD⁺14, SBC⁺14, SJB11, Sch13a, SR13a, SD14a, SD14b, SSFM12, SSR⁺13, SSK⁺12, TSR13, WPP10, WK13b, WP14, ZKZ10, ZKKF10]. Carlo/deterministic [BDL11].
Cardio [ABK12, ABK13, CYK⁺14, KVC⁺13, MNKS13].
Cardiac [ABK12, ABK13, CYK⁺14, KVC⁺13, MNKS13].
Cardiovascular [BDM13, MVCFM13].
Carle [XX12].
Carlo [DWL10, HH12b, HH13, AB13, AJG⁺13, AKP⁺12, BDL11, BHM11, BHM13, BP13a, Boo11, CRS14, CGP10, CBGK13, DD12, Den11b, DTU12, DBO⁺10, EMSH14, GCA13, Gen11, GKN⁺11, HJBB14, JNSA12, KSS14, LC13, LWZ⁺13, MMM11, MSS⁺14, MOV12, MSS12, MGV11, MJM13, MMJ14, NKS12, NVS13, PBC⁺11a, QA11, RLJ14, RSFS13, RRD⁺14, SBC⁺14, SJB11, Sch13a, SR13a, SD14a, SD14b, SSFM12, SSR⁺13, SSK⁺12, TSR13, WPP10, WK13b, WP14, ZKZ10, ZKKF10].
Carlo/deterministic [BDL11].
Cartesian [WYC13, GITW12, TD12a, BCL14, BCM⁺11, CCY13, CR13, CCG11, DjY14, EQYF13, GIMT14, KWSJ11, KSR⁺14, LKTL10, MRM12, MBL10, MTG11, MG14b, PHRG13, PMSH10, PB13b, SKU13, SY14a, SC11, UKP14, VBS10, WY10, WY11, XFC⁺14, ZN14a, ZN14b]. Cartesian-based [UKP14].
Cartesian-grids [WY10].
Cartesian/grid [WY10].
Cartesian/immersed [WYC13]. case [DL13b, FNV14, FJ12, LX14, Pri14, RA10b, RS13b, RS14b, SMF⁺13, TA13, YHT11, YT12]. cases [NL10, PE10, ZWL⁺12b].
casting [CNR11].
catching [JXD14].
catching-up [JXD14].
Cathmull [LW11].
Cattaneo [GMA10].
causal [AiINT14, TiI11, AAT⁺14]. Causal-Path [AAT⁺14]. cavitation [PS14a, PS15].
cell-centered [AW14, CY12, CS10, CDLL12, DL12, FE11, GMB10, GH1b, HT14, HLZ14, KGKS13, KD10, KHRD11, KJH⁺13, KSB14, Lap11, LY13a, Li12, MB12, MBA⁺13, ML11a, MTB10, MT10, MKB⁺13, PJC14, SSB13, SHMS13, SF14, Son11, SD14c, VR14, WAM14, WZ10, WY10, ZL10, DND⁺10, DC13, ILM⁺13, MHL⁺14, RCW11].
Cell-centered [AW14, CY12, CS10, CDLL12, DL12, FE11, GMB10, GH12b, KD10, MB12, MBA⁺13, MTB10, MT10, MKB⁺13, PJC14, SSB13]. Cell-level [HCS⁺10].
cell-local [WAM14].
cells [BHS14c, DFD14, EBGW13, HEL11a, KBSV14, Mac10, ZIOF10].
certain [GPS10, Val11]. CENO [BYCC14, QY12, RCQL11].
CFD [AQ11, ADT14, EH14, KS11a, KS11b, MT13, XDZ⁺14]. CFD-DEM
code-independent \[IH13\]. codes \[CCMG^{+13}, GV14, HT14, IH13, KGKS13\]. coefficient \[DS12, HWW10, MGJZ10, Mar13, ZT10b\]. coefficients \[AGS10, CCG11, DV13a, GKN^{+11}, GP13, HPV13, OK14, PBC^{+11a}, SKCC10, XZWW12\]. coexistence \[LC13\]. Coherent \[MVG^{+12}, AMDR10, NRS10, YL14a, RS10b\]. cold \[TD12a\]. Collaborating \[XZWW12\]. collective \[LJ13a\]. Collision \[HH12b, HH13, HCS^{+10}, KM14b, KWH10, KS13b, LH13, LHK12, MZ14, FG11, WMK13\]. collisional \[HT14, LWF11\]. collisionless \[AHS14\]. collisions \[AiINT14, BP13a, CDS13, DCC^{+13}, GH14, HT10a, IAM^{+12}, LE13, RRCD14, RRD^{+14}, SSX13\]. coexistence \[LC13\]. Coherent \[MVG^{+12}, AMDR10, NRS10, YL14a, RS10b\]. cold \[TD12a\]. Collaborating \[XZWW12\]. collective \[LJ13a\]. Collision \[HH12b, HH13, HCS^{+10}, KM14b, KWH10, KS13b, LH13, LHK12, MZ14, FG11, WMK13\]. collisional \[HT14, LWF11\]. collisionless \[AHS14\]. collisions \[AiINT14, BP13a, CDS13, DCC^{+13}, GH14, HT10a, IAM^{+12}, LE13, RRCD14, RRD^{+14}, SSX13\].
components [BD10b, HK11, MZ11a, MTZ14, PvDgM11, PvDgTb11, ZKZ10].

composite [ASK13, FK14, LRT13, PBC14, SBT14].

composition [BHS12, Du11a, JXD14, Mar13, TRL14].

composition-resolved [JWNL11, LBR14, WPP10].

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, CGC12, CGF13, Del11, Del10, DL10, DL12, DL10b, FG12, FL11a, GITW12, GIMT14, GVV13, GKF11, GF13, GCL13, GDGP11, GXS14, HL10a, HHA14, HMHO13, HK11, HK13, HAS13, JK10+10, JLB10, JH12, KKP10, KSL10, KL10b, KG14, KK10c, KGK13, LMFIH11, LGC13, LXX11a, LZ13, LXX10, LXS13, MW14, MS10a, MF14, MESV10, MDM12, MJ13b, NMT12, NKF14, OL13, PZ14, PZG14, PC13, PL12, PR14b, QL14, RGMCI3, dCRCS10, RS10b, SM13, SZ10, SSHM10, SS10c, SPF10, Shu14, Shy10, SX14, SKW14, SHA12, SRL11, TS11, TBMH11, TT10, UKP14, VL14, WFK11, WWX10, WS10b, WP10, XMS12, XS13, XW14, YCLK12, YSW13, YSW14, ZH10, Z10b, Z11, Z12, dPS12, v12].

compressive [DvW14, ZDSP11].

Computationally [WG11, GL13, MJ13a].

computationally-efficient [GL13].

computable [AM12] Computation [HVT12].

computations [AST13, BK12b, BX12, CRK12, CG13a, GP12b, GGG13, HLLW11, KS13a, LEH10, LEH12, LWD13a, LWD13b, LVZ10, OS11b, PB11, RX11, S13a, SHY13, SLT14, SFWP10, SCB10, YS11b, ZS14].

compute [CP14, GD14, LF11, STD14].

computers [HOK10].

Computing [Ber14, Gil13, LSM14, LD12, WJC13, AD14, AC11, BC10, BD11a, BCZ13, B13X, BM10a, CDS13, CF11b, CC12, CH14, DH10, Don11, FN14, FT12, GSTB13, GMG12, HF11, KST13, Kol11, LKP14, Lue11, LLX11b, xLqW13, LTC14, MW14, MP13, MTZ14, NHE14, PMMB14, SSB13, Wan11b, Wan14, WC14a, YL14a].

concentrated [YM10].

concept [BF13, ZPG010].

concepts [LRS10].

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, DKC14, GS11b, HZ11a, JCT11, JLC14, Leel2a,
MZ14, PBT14, RPV13, SSC13, SF12, TDL10, UGF14, VM10, Xu11, XCL14].
Conditional [YF11, Oli14, TBHM11]. conditioned [CBPS13, WZZ14].
Conditions [TD11b, AMP14, ALS+14, BDT10, BB13, BN11, BN13, BN14a,
BHY14, CCGP13, CT10, CVI+13, CG12, CGC+12, DK14, Dn11b, EC13,
FY13, FCN+13, hGzSnZ12, GCA13, GHM13, HPA14a, HKM12, HG11, HF11,
HDPF11, IF10, JM10, KSS14, KMHJ10, LDS11, LFK11, LVFK14, LMK13,
LKL10, LL14a, LMS11, Liu11b, MNR11, MJ14, MLBS14, Nic11, PGR10,
PHRG13, PBB14, PL10, PRL10, PC13, PGA11, RzSZ13, SG10b, SG10a,
SG12a, SG12b, She13, SR11, Sp10, TS10, hT10b, TE11, Vai11, Vai14,
VW14b, YZ12, ZT13a, Zs11, ZW10b, BGH10]. conductance [SHFB12].
conducting [KSR+14]. conduction
[BD12, BDLC13, Coo13, FAY+13, KK10a, LCK11, MM11, MSTL13].
conduction-radiation [MSTL13]. conductivities [APRS14]. conductivity
[BLM11, Heli11a, Heli11b]. conductors [Liu11a]. cone [HPA14b].
configurations [KSB12, RARO13, VBVD10]. confined
[Jar12, LVK14, MLBS14]. Confinement [WCM+14, TTR+12]. Conformal
[MNS13, BY11, CWZ+11, DZL13, PL10]. conforming
[CRG13, EH13, KM13, KSR+14, NKS10]. congestion [DHN11, DH13].
conical [HZ11a]. conjugate
[KKvZB14, LN10b, NTV14, SD14c, Vol14, ZVNM10, MMM13]. connected
[LM14b]. Connecting [PBB14]. connections [BCLR10]. Connectivity
[WWZ13, SWF10]. Connectivity-free [WWZ13]. conquer [BRP14].
consensus [YWS13]. Conservation
[DMM+13, AGBC14, BMS12, Bal12b, Bal14, BK14b, CCD11b, 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+11, LRL11, LR12, MN11, MS12, MNS13, MLM12,
MV13, NFI12, Par12a, PPy10, QL11, QL12, Rss13, RTKS10, SK13, SM11c,
SABH11, SHZ13, SL10, TS10, TWS12, hT10b, UGm13, XL11, XLD+11,
XLC14, YHL13, Zs10a, ZWL+12a, ZWL+12b, ZLCW14]. conservation-flux
[SK13]. Conservative [AINF13, CMS10b, JM12, KS14, QSI11a, Ros10, YF14,
ANIF14, AK10, AHA10a, AH10a, BOD11, BBG+11, BRSS11, BR13, BD14b,
CD13, CL14b, CS14b, CL11b, DB13, ERA13, EN14a, EN14b, EAN11,
FCN+13, GH14, GW13a, GF13, HLM11, HSK+15, HAS13, KR10, KAFB11,
LMS14, LNU10, LP13b, LGF11, LSVW10, LHPH11, MKCB14, MD13, MD14,
MDH+10, MTB10, Mig14, MG14b, MDM+12, Mor10, MK14b, NL12b,
NS14b, OAK11, OS11b, OD13, OD14, PvdTTB+11, Pir10, QC10, SN12,
SN13a, SJK11, SS10d, TF10, TWMM14, WYS12b, WGX13, WXY14, Zad11,
ZW10, ZHY13, ZN14a, WY10]. conserved [LY13b, ZM10]. conserving
[CCB13, CCB11, CC13, CCZ14a, CCZ14b, CSX14, HHL14, KBS14, KJ11,
KHRD11, LTL+14, MRS14a, ML11a, OS14, San13, TS12, Zer10, vV12].
TGRL13, YN14, YJK12, Zie11]. **CUSP** [SZH12]. cut
[DWZ10, SHMS13, SD14c]. cut-cell [DWZ10, SHMS13, SD14c]. cutoff
[LHV13]. **CWENO** [HAH14]. cycle [KWHD12, MNKS13, WHB14]. cycles
[WIJ13]. cyclic [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, ZSJ15, KKS13, SYE10, AST13, ABMT14, AW14, AH10b, BGR11,
BLM+14, BWC11, BS14a, BBA14, BHG13, BCL13, BCL14, BLJ11,
BD14b, BSS11, BHM14, BLY10, Cha14, CP14, CCW12, CL11a, CC12, CS14c,
CL14, CH14, DDL13, DK14, DFD14, FM14, FNG14, FW12, FC10,
FGLB14, GW13b, Ge10, GC11, GCZ13, GM10a, GGM14, GD10, GL12a,
GLC+11, GKS+11, HPA14a, HBM13, HRT11, HLW13, HvB11, Hu13,
JMGN13, KL12a, KVM12, KBS14, LH10a, LP13a, LVFK14, LTSH10, LT12,
LE12, LLP14, LMBB11, LS13d, LDA10, LL10b, LZZR10, MAPP13,
MMR12, MDTC13, MBMV13, MVCFM13, MZB12, MMT14, MF13,
MHGM12, MHMG14, MV13, MBGW13, MT14b, MLGN12, MGN14b,
Nic10, NJ12, Osi12, PPS12, PWB+14, PBdGP14]. D [RCQL11, RKGM14,
SK13a, SY12a, SY14a, SCGE13, SF14, SCC14, SCH13b, SM12c, SA14,
TGT+10, TQW14, TDL+14, TRSMM+13, TR14, TG13, UJ11, UWB12,
WYYK10, WR11, WG11, Xu11, Zha10a, ZYF+10, ZMD+11, vTCL+10].

**D-lattice** [BBAP14]. **D-TLM** [TRSMM+13]. **D-Var** [CS14c]. D/
[MVCFM13]. **DAE** [MM12]. Damage [AJV11]. damped
[MBMV13, MNS13]. damping [BK12a, DGAH10]. Darcy
[DFY14, EZ10, HPV13, KR10, LLMY14, NJ12, SW10, WX14]. Darcy-flux
[EZ10]. dark [BTX13]. Data
[AC11, BND+12, QA11, RSFS13, AR14, BERB+12, BG12, CS14c, CF11c,
GLS10, GCLS11, HHA14, HMM+10, HVT12, IK11, JLY10, JSX10,
KS11a, Kaz10, KMS10, NMX12, SS10a, Vai11, WMI10, WX11]. data-flow
[Berb12]. **Data-free** [BND+12]. datasets [AA13, HidC12]. Davidson
[And13, HWHW10, Zho10]. **DDM** [DL10b, LD14]. **DDR** [JS13a]. Deborah
[Kwo14]. **Debye** [NZ14]. decay [MS14b]. decomposed [SM12].

**decomposition** [AST13, AS12, AETT11, APY14, BPM13, BAG12,
CBKK12, DLNN12, DMR14, DEKBF14, DAA11, ETW10, GPCE13, GCE14,
GK10, Gri12b, GD13, HidC12, JC13, JWHY10, LTSH10, LTT10, LDE+13,
PL10, PRL10, RH12, RHGT10, RSFS13, SYL12, SS12, SCH13b,
SKN13b, Stol13, Stu10, SS14c, VHG13, WABI11, WC14b, Xic14a, YCLK12],
**decomposition-based** [JWHY10]. **deconvolution** [KRF12]. Decoupled
[OD12]. **decoupling** [NDV+11]. **Defect** [BNM14, Coa12]. defects [Del14].
deferred [CGMQ14], defined [GM10b, Sza12, YW13, YHM12]. definite
[GM12a, RMSF11]. definition [MCLG10]. deflated [MM13]. deflation
[Vol14]. deformable [KF13a, MGN14a, SL13b, WKL+14, XHF13].
[BHK10, CBPS13, ZCS14]. diagonally [NMCZ14]. diagonally-implicit [NMCZ14]. diatomic [LYXZ14]. diblock [JHZ10]. Dichotomy [FT11]. dielectric [CPJ11, LTC14, PVDW14, TK14, YD11]. dielectric/electrolyte [LTC14]. dielectrics [BWC11, Liu11a, WBC13]. dielectrophoresis [HDD14]. Difference [BMS12, MOSW12, ANIF14, AV10, AN13, BDMP13, BHL+13, BN13, BN14a, BSS14, Boe11, BHMI4, BHY14, CCW12, CH10, CRT14, CWZ+11, CGP10, CR13, CVI+13, CR14, DEH11, DMT+11, DMM+13, DB13, DA14, DV14, EO11, EAN11, FH11, FCYF11, FCN+13, FC13, FL11b, FO11, FSL10, hGzS11, hGzSnZ12, GYL12, Gao13, hGzS13, Ge10, GMA10, GM10b, GMH12, Gri13, GZZ14, GQ13, HPA14a, HPA14b, HE14, Hic12, HZ14, HPOM10, HK14, HY10, JM10, Kim13, Kol11, LT12, LX14, LCP13, LMS11, LMBB11, LMS14, LC14, LS13d, LW14, LBS10, Mat14, MT13, MTB10, Mor10, MK14b, OBT11, Par13, PGLT10, PNPF10, Pri14, QS11a, RzSZ13, SRVS11, SBS11, SQC11, SZ11, SYV14, Son11, SC12, SIT+11, SRL+11, sSLxRyZ14, TH14a, TY11a, Tsu10, Ty14, VW14b, WWS10, WW11, WYS12, WXY13, WD13a, WGX13]. difference [WV14, WD14, WXY14, WP10, WAM14, QX13, QXC14, YS13, YY14, ZS12, ZY13, uZzSL14, ZW10b, vEkdB14]. differenced [LKM13]. differences [BN12, BdCB11, BFE12, MW14b, UKP14]. differencing [HH12a, MOV12, NMT+12, TK12, TK15]. different [BBC+13, CBK13, Far11, KSS14, LG10b, RBS12, SMP+13, SHF12, SC10, XH13]. Differential [CBW10, PZ14, dCRCS10, AP12a, AB13, ARR11, BBM14, BJ12, CCLS10, CX13, CK11, CHZ13b, CHZ13a, DAE13, DA14, Dio1, FVR13, Gao14, GM14a, Gri10, Har11, JTXZ12, Kat14, Ler14, LLZ11, LCY11, LS13c, LM13, MZ10, MDTC11, MDTC13, MGN10b, NP12, Pir12, RH13, RHB12, Ton14, TS14, WZ13, WW14, WH11, XH14, YMS12, YXZ13, YK13]. differential-algebraic [CK1]. differentially [CLS10, ZKZ10]. differentiation [hGzSwZ14, VS11]. diffraction [BL13, DB12]. Diffuse [AEL14, FG12, MZ14, ZCD10, Ala14, DJ14, GK14, GGT13, Min13, TSL11, TFP13, DK14]. Diffuse-interface [ZCD10, GK14, Min13, TSL11]. diffusing [SBA13]. Diffusion [ERT10, JS13a, KL+14, Mar10b, AV13, AH10a, AT13a, APY14, Atz10, BHM11, BHM13, BLM+14, BH13b, BCK11, BBAP14, BS10a, BKC+11, BHY14, BTY14, CYK+14, CD12b, CGC13, CY12, Cha14, CL14b, CGP10, CM10, Cui12, DTU12, DBO+10, DKW10, DSH11, EMK11, EMASH14, FAY+13, FHL10, FF12, FCY13, FWLP14, hGzS11, hGzSnZ12, hGzS13, GW13b, GC11, GM14a, HPS13, HL11, HLD14, HY10, HW14b, HCM10, JC13, JZ13, JN12, KKAS12, LN10a, NK14, LS13b, LP12b, LH10c, LXL13, LRBT14, LY14, LXSR12, LSV10, LRN13, LM14a, LCWN12, LHMZ10, LHV13, MB12, MKGV12, MHA10, MS+14, MN12, Mie13, MAD13, MT14a, MY13, NM13, NGV14, NMYC13, NLG+14, Nis10, Nis14a, Nis14b, Ols11, OMA14, PBC+11a, PS12, PHRG13, PMS11, PBB14, PvDGvM11, PW+14, PH13, RSS12, RzSZ13, RF14b, RCC14]. diffusion [RBK13, Sch13a, SR13a, SB14, SH11, SY11a, SY12b, SWS11, Sch13, SHA11, SHA12, Sou14, SAA14, TCW+10, TR14, VDP11, VDD+13, VWF13,
VBSK10, Vre11, WWS10, WW11, WD13a, WD13b, WV14, WD14, WCVJ13, WDGY10, WGD12, WG14, YZX14, YN10, YN14, ZFH14, nZzS11, ZS13, nZzSL14, Zs11, 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, LXL13, WV14].

Diffusion [DCVM11, ZM10]. diffusive [AS12, BCD14, FF13, KL10b, KHHK12, MSTL13, NMCZ14, PAM10, RGK12, SAA14, ZKM+11].


Dimension [TPF11, EEK14, GPS10, MK14a, MMA13, NF12]. Dimensional [BNNW11, AH13a, Ald10, AK12, AN14, ADMA13, And13, ASK+13, AKMD14, BDL11, Bal12b, BD14a, BG10, BILM14, BLM11, BYCC14, BCM+11, BRS10, BBPC14, BHY14, BL13, BD14c, BLR14, BY14, CWS13, Cap11, CBKK12, CNR10, CTF12, CRS14, CM14, CZ11a, CCB12, CS10, CS14b, CCY13, CCLV10, CLS13, GC12, CTSM13, Cui12, DYY14, DDF14, DB12, DKW10, Du11b, Fa13, FQV13, GMB10, GG10, Ger12, GMC13, GCF13, Gna14, GIQ11, GH12b, Hct12, Hen13, HK14, HCH+10, HCS12, IST+12, IDNG13, JAX11, JLZ13, JGCL14, KS11a, KKL10, KS13, Kau10, KK12a, KLP10, KLS14, KL11b, LP12a, Le 14b, Lee13, LJX+14, LRL11, LR12, LX13a, XL13, LW13a, LZ14, LRN13, LRK11, LW13b, LP11, LT11c, MZ10, MB12, MAB+13, MNF+10, MPT13, MGN10a, MGN11, Nor14, OD14, PB11, PYK10, PE10, QB14, RARO13].

dimensional [RB10, RS13b, RW13, SCIE14, SHZ13, SYJ11, SSR14, SS14a, SMS14, Stu10, SWH11, SSV13, Tak14, TAI11, TA13, TP14, Val14, VMA14, WV14b, WCM+14, Wan13a, WW11, WZ11, WZSN12, WD13a, WZ14, WD14, WLW14, WC11, WS14, WS10c, WS11, WC14b, WT14, XHF13, XJ14, YHT11, YT12, YZX14, Yin14, ZFH14, nZsS11, ZWL+12a, ZWL+12b, CDL11].

dimensions [BK14a, BR12a, CCG11, FK10, GH11a, GHS12, GL12b, GHL14, GD13, HR10, HWST12, JZ11, JRTY11, Le 14a, LB12, MB11, MII12, MGN12a, RNT12, TDU14, TTD11, UGM13, VRBZ11, WGX13, WO12].


dipolar [BCW10, JCC14, LZZC14]. dipole [ZLL10]. dipoles [MWD14].

dirac [ASS13, Ahn14, AME14, BHM14, FGLB14, HPA14a, HPA14b, LSE13, XST13].

Direct [CDT13, KSP13, NVS13, OP10, TRL14, ZN14b, BHH12, BVM14, BTLO11, BP14b, Bre12a, CLS10, CGF+13, DD12, DGAH10, EHA14, GCA13, GG14, GB13, GHL14, GH11a, GHS12, GL12b, GHL14, GD13, HR10, HWST12, JZ11, JRTY11, Le 14a, LB12, MB11, MII12, MGN12a, RNT12, TDU14, TTD11, UGM13, VRBZ11, WGX13, WO12].


Directly [LR13, CW14b, YO11]. Dirichlet
Dirichlet-to-Neumann [AV10]. discharge [DBM+12, KED+12, LA10]. discontinuities [BH13b, BD12, HCP10, JAX11, Joh11, WI13b, YKWS13a, YKWS13b]. discontinuity [VR14]. Discontinuous [BSCML13, BR12b, Cha13, GP12b, LI14, MMIW14, MK11, PDZ+14, SH14, TR14, YWS13, AJRT11, AJ14, AWK+11, AAT+14, AT13b, APRS14, BNT14, BGR11, BBC+12, BR11, BGHM13, BD11b, CJLC11, CZ11a, CAH14, CLX14, CCZ14a, CCZ14b, CW14b, CSX14, CCY13, CDB13, CCG11, DFFL10, DHH11, DL10a, DZL13, DKA12, DZLD14, DV14, FN+13, FT12, FH11, FMT11a, FP12, FP14, GDHM11, GAW+14, GLL+11, GQZ13, GXX14, HGM12, Hig13, HvB11, JNX13, JZ11, KG12a, KK13, Koll11, KG14, KRT14, Kuz14, LH10a, LXM14, LT11a, LP12b, LXY11, LX12, LH14a, LZZC14, LLP14, LSW14, LLYE12a, LLH10, LP14b, LN+10, LXL+12, LXS+13, MRS14a, MHA10, MN11, MESV10, MMD+11, ML11b, MBGW13, MG13, NPC11b, NPC11a, NPC11c, NP12, NvdVB13, OK14, OHF12, OS11a, OD13, Per13, QSI1b, RHXQ14, RGC13, RC12]. discontinuous [RCvdV13, RS11, SHR14, SSHT14, SGC13, SCHY13, SLT+14, SBvdV11, SSL13, SD14c, TE11, TD11b, TD12b, TBR13, VMA14, VR14, WZX10, WS10b, WZSN12, WK13a, WJTY10, WSW13, WSBG10, XXS10, XW12, Xin14, XLL+11, XCL14, YP13, YO11, YMLM+14, YHL13, YWL14, ZS10b, ZS11, ZSS13, ZT13b, ZYS14, ZS13, ZSSQ13, ZMD+11, vdVR12a, vdVR12b, FW12, MOSW12, NDBG14, WKH10]. discontinuous-Galerkin [AWK+11]. Discontinuous-Galerkin- [MOSW12]. discontinuous/continuous [DKA12]. discovery [BCM12, KKPV12]. discrepancy [LMM14]. Discrete [GAV13, KST13, AS14, ACB+13, BCHM14, BPS14, BSCML13, BWMG14, BBM14, BM14, CFW+13, CT10, CST10, GB14, GH11a, GD10, GL12a, GLC+11, GXX14, GLL14, JWNL11, KPH13, KH11, LMFH11, Ler13, Ler14, LTSH10, MJ14, MRS14b, MM11, MGG11, SKW14, ST11a, SV10, TAAS13, TD10, iT14, WZ11, YMS10, YMS12, ZYHW13, Zie11, SBN12]. discrete-fracture [ZYHW13]. Discretely [FCN+13]. Discretisation [PAM10, CYK+14, CVCC12, SS10e]. discretisations [BLTO11, TA12, VSK10]. Discretization [Dav10, KD10, SRS10, BdB11, BS14, BR10b, BM14, CZ11a, Den11b, DHH11, DLM13c, EQYF13, FD11, Ge10, GG14, GHM14, LE13, LRM13, MMR12, MIIJ10, MG14b, Nor13, PRH+14, PGR10, PvdTB+11, PMS12, PJCS14, RF14a, SH14, SG14, SBT13, SSL13, SD12, TD21a, TLO+14, VW14a, VMA14, VKB11, WAM14, YHM12]. discretizations [AB12, AJ14, AMP14, BBC+12, BN13, BN14a, BRP14, BSD14, Gas11, GDHM11, JN12, MN11, SVK14, SV14, 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].

dissection [SY14a]. dissimilar [WQCS13]. dissipation [BJLR14, CGM+12, DBHB13, GJ11, HAD10, HJK14, HK11, JXD14, KKP10, LFL11, LGC13, NMY13, Rie10, SRL+11, sLxRyZ14, TiI11, XS11, XW14, ZGSZ10]. dissipation-rate [JXD14]. dissipative [FR13, DBHBB13, GB14, HAD10, HJK14, KHP10, LFL11, LGC13, NMY13, Rie10, SRL+11, sLxRyZ14, TiI11, XS11, XW14, ZGSZ10].

divergence [Kaw13, GJLY13]. Divergence-free [KG13c, Li10b, LXY11, LX12, McD14b, NCV10, TS12, TP12, YAL+11, YB14].

divergence-conforming [EH13]. Divergence-free-preserving [Kaw13].

domains [AJRT11, AAI10, AEM13, AT13b, AM11, BLQ14, BvBZ+10, Buh11, BKC+11, BR10b, BRS10, BL10, CCFCM11, CS13, CGS13, CR13, DK14, DZ14, E13, FC13, GY14, GM12b, GH14, HG11, HW12, JPC+14, JK14, KTT12, LF13a, KTT13, LP12a, LF14, LMZ14, LN10c, LB10, MKCB14, NLS14b, PHS14a, PZ10, RC12, SJ11, SR11, TDVG13, WS14, Yin14, Zen11, ZWH+12]. dominated [BD11b, KWSJ11, LFRM10, TLG10, vdVR12a, vdVR12b].


Double-families [EZ10]. doubly [BS10a, CH14]. doubly-periodic [CH14].

[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, Ano13i, Ano13j, Ano13k, Ano13l, Ano14-34]. EDQNM [MS14b]. EEM [KIF+14]. Effect [JC10, FGE11, JR14, KHI13, SSR+13, TA11, WJCG13, YHL13]. Effective [CFCA13a, CFCA13b, BdCB11, CR14, Hel11a, Hel11b, JLI13, KJWR14, KJWR14, LKP14]. Effects [Coo13, GLL+11, Lee12a, SB14, BB12a, BPHK13, DDM10, Gen11, JWN11, KS11b, LJJ14]. efficiencies [LCP13]. efficiency [ASB10, CM13, GKG+13, LTC14, PZW14, QL12, SEBG12, WYL14]. 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, SR12a, TWSN12, TCW+10, WWS13b, dPS12, ARR13, AD14, ABH+14, BHL+13, BBAP14, BK12b, BZKL13, BSCML13, CY12, CCB12, DL13a, DL13b, Don14a, DL10b, DEKBF14, FL13, FP14, GW14, GNT10, GL13, GMI14, GRS14, GJ14b, GXX14, HAMA14, HNS12, HLZ13, Kri10, Lee13, LLX11b, LMZ14, LD14, LH14b, LCWN12, LFW11, MJ13a, MF10, MTZ14, MJ13b, MMH12, NDV+11, Nor14, NT14, OTV13, RA10a, RS14a, RWMG11, SB12, SS11, SJB11, SLT+14, STI11, 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, CFV+13, CXZ10, CHHL11, GLSC12, GBB+13, HAMA14, HCH+10, Hua14, HWHW10, LL10, MBR11, MRS14b, Ren11, SKCC10, WPK14, Xie14b, FZ11, ZC11, ZC10]. eigenvalues [And10, And13, JS13b, Ost10]. eigenvectors [And10]. eight [And13]. eikonal [DGM13, Luo13]. Einstein [AD14, BCW10, BCZ13, CWW11, CCC12, DH10, FT12, JCC14, LZZC14, MTZ14, ST13, Wan11b, Wan14, WC14a]. Eisenbud [RSK13]. elastic [BHS14a, Ber14, BBG13, BLR14, DCRK14, DCV11, DV14, EL11, FT11, FG12, Ham10, HPO10, HCS12, JXD14, KIV14, Kwo14, Le 14a, MAB+13, ML14a, OLC13, OLP14, SG12a, SG12b, SCh13b, SM12c, TLZ+11, Vol14, WSBG10]. elastic-acoustic [WSBG10]. elastic-plastic [DOR14, FG12, HPO10, MAB+13, OLP14]. elasticity [ABHS12, BD10b, LSZ13, NP14, TDV13, ZWH+12]. elasto [SSB13]. elasto-plastic [SSB13]. elastodynamic [CB14, Hut14]. elastodynamics
Elastoplast [BR12b]. elastoplastic [SNBN13]. elastoplastic-solids [SNBN13]. Electric [KYP +14, BLM11, Cam13, EAG14, FHMS11, KED +12, OBTC +13, SCB10].  

electrical [KYP +14, BLM11, Cam13, EAG14, FHMS11, KED +12, OBTC +13, SCB10].  

electrocardiographic [WB14]. electrochemical [BP10, EBGW13, TCW +10]. 

electrode [LHH14].  

electrodynamic [YS12b]. 

electrohydrodynamic 

[BBGP14]. 

electrohydrodynamics [BBGP14].  

electrokinetic [BDH13, LBC11, WK10].  

electrolocation [BBGP14].  

electrolytes [BDH13, Liu13]. electromagnetic [AWK +11, BWC13, BLM11, CNR11, Du11a, Du11b, DSZ13, Fuji12, GHS12, HNS12, LTC13, Le 14b, Li10a, LHY12, LHY13, LL14, Mar10a, MTD14, Nic10, Par12b, PRL10, RKG14, Son13, TK14, TY11b, VHG13, ZLL10, Zho14b].  

electromagnetics [BWC11, BCB12, BSV14, DFFL10, KAA12, KO14, OK13, PL10, WBC13].  

electromagnetism [CV10, PT12].  

electron [PMS14, BGK12, CKD10, CM10, NIN +14, SL13a, WS14].  

electronic [BHL12a, BHK +10, CBPS13, CW10, ITO +10, Men12, Son11].  

electronic-structure [ITO +10].  

electrons [BKH12, KHJ +13, SBS +13].  

electroosmotic [LWCR10].  

electrophysiology [CYK +14].  

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

electrostatics [Gen13, G13, WRH10, Xie14a].  

Element [ABMT14, ABH +14, AB12, Ain14, ASS13, AKL +13, ABJ +12, APC11, BBGS11, BCP13, BPM13, BFR13, BHL12a, BSSW12, BWS10, BGN10, BW13, BKC +11, BCLR10, BY14, BV12, CN12, CYK +14, CMS10a, CT12, CT13, CX14, CLG13, CW14b, CH11a, CH11b, CT14, DH10, DB12, DSS13, DKA12, DCM11, DZL14, EGW11, EGH13, EGL +13, EN14a, EN14b, ES14, FPN +13, FG10, FK10, GT12, GD11, GTSC14, GQ13, HRK +10, HR10, HPV13, HSN13, HGW11, HHH13, HvB11, HL2b, HY09, HY11, HZ11b, HLL11, HLYS11, Hua14, Huh14, Hyl12, Ish11, Jin13, JZ11, Kr10, KGG10, KG13b, KEGM10, KB14, KG13c, KVBP +14, KO14, LSM14, L14, LC10, LB13, L14, L10, Li10a, LHY1, LXL13, LHY13, LS13, LR13, LLY14, LLS11, LHMZ10, MZ11b, MRS14a, MMV +13a, MMV +13b, MBB13, ML11b, M11, MCF13, MSL13, MSL14].  

element [MIKG12, MNL +13, MW14, NKS10, OR1H13, OS12, PMM +11, PR11, PBC11b, QZM +12, RS10, RKG14, RCM10, RHG10, SF11, SL13a, Sog14b, SL +11, SK12b, SBV11, SJH12, SS13b, SS14b, SDH12, TF10, TD11a, TCL11, TTD11, VSK10, WA12, WKM13, WZZ14, WYC13, XH13, XJ14, YL11, Z10, ZK14, ZW10a, ZW10b, ZJ14, ZY13, ZYW13, ZYT13, ZKM +11].  

element-free [QG13, RKG14].  

elements [ZOW14].  

element/Fourier [SHJ12].  

elements [ABK12, ABK13, BSM12, BD13, BSB14, BL10, CXZ10, CR14, CS12c, CMB13, DMH14, D14, DL10a, DT14, ES10, FGZ12, FGI11, HBL11, HMM +10, HZS12, JMF13, JRG13, MKGV12, MTS +11, NLGL14, OS11b, RBK13, SCG13, TE12, VQV11, ZTG +13, ZH11].  

elimination
ellipsoidal [MWRZ13].

ellipsoidal-statistical [MWRZ13].

ellipsoids [GL13]. Elliptic [SG12a, AB12, BvBZ+10, BL11, CK10, CS13, CV10, CR13, DLNN12, FGE11, FO11, GM10b, GKN+11, Grl10, HPS13, HWST12, HWW10, HSWZ13, Hua14, JTXZ12, Kau10, LB12, LMS11, LC14, MDTC11, MMM13, Mar13, MW+13, OK14, OS11a, PG11, PBP14, SS11, SG12b, SY12a, SY14a, SD14c, XZW11, ZWW12, YK13, LB10].

elliptical [Lee12b, LR13].

ecremote [TDL10].

[Acn12-31].

[Flug14, CCG11, FL14, JM10, KT14, LKTL10, MP13, SK12b, SdAW14, UKP14, VRB10, MDM+12].

eintegrated-boundary [VRB10].

[Ano12-31].

[Dom11b, LGP14, RKD+14].

[CEGG14].

[LV13].

[ACG14].

[TH14b].

[CEP12, CRS14, CCW12, CLX14, CH10, CSX14, CGS13, Coa12, CRS12, Cui12, DDL13, DO11a, DOR10, DGM13, DLs13a, Dur14, DV14, EMSH14, FKL11, FGZ12, FHS11, FGLB14, FK14, FEL14, FO11, GH14, Gc10, GBC13, GMC13, GMA10, GGB+13, GH12a, GAV13, GL12b, GHJ14, GT11, GQ13, HM11, HPA14a, HPA14b, HX11a, HPV13, HSM10,}
HRCW13, HLDP14, HvB11, HWW10, HW14b, JWV12, JNSA12, JC13, JRTY11, JW11, JKQ13, JWYH10, JY11, JM10, KKS13, KS11c, KJC13, KBGRM10, KL10b, KK10c, KQ11, KTT13, LH10a, LP12a, LKT+12].

**equation** [LQ10a, LCY11, LX13a, LXL13, LMK13, xLqW13, LW13a, LLP14, LX14, LJY14, LM14a, LDE+13, Liu13, LS13d, MMR12, Mar10b, MKGV12, MHA10, MD14, MP13, MTG11, ML13, MYM12, MTS+11, MAD13, MZB12, MVG11, NLGL14, NN12, Nis10, NCV10, PRH+14, PSM11, PBB14, PCF+13, PS14a, PS15, PP12, PLN11, Pri14, QY10, QC10, RzSZ13, RLJ14, RVbZ10, RJG10, RS13b, RS14b, RNT12, SOG14a, Sam14, SSS10, SB14, SF14, SY12b, SCY11, SYL12, SJK11, SXX13, SSR14, ST11a, SJH12, SC12, Sto13, SYE10, Stu10, Tal14, TGU14, TGGT13, VW14b, WGX13, WV14, WZZZ14, WP10, WMYYG10, WJTY10, WG11, WDGY10, WWS+13a, Xie14a, XQXC14, XST13, XX13, YXZ13, YZZ14, Yao14, YHL13, YK12, YN10, YN14, YS13, ZN10, ZT13a, ZFH14, ZW10a, ZOWZ10, nZzS11, ZTG+13, nZzSIL14, Zha10b, ZzS11, ZTL13].

**equation** [ZPF10, ZGSZ10, ZCS14, Zho14b, vTCL+10].

**equations** [AK14, AP12a, AB13, ARR11, AIX10, AB11, AK12, AHOT14, AMDR10, AMP14, ACB12, AN14, AN13, AAT+14, ALS+14, AM11, APC11, BK11, BLQ14, BLRR11, BGR11, BGH10, BNNW11, Berr1, BN11, BN14a, BF12, BGHM13, Boe11, BdCB11, BKC+11, BWMG14, BR12b, BRVE12, BDLC13, BCLR10, BHL12b, BR10b, BR10, Bre12a, BM14, BTY14, BJ12, CV13, CWS13, CCGP13, CCLS10, CX13, Cap11, CVC12, CGC13, CEK14, CJNS12, Cha13, Cha14, CS12b, CRG13, CS13, CL14b, CAH14, CXL14, CHZ13b, CHZ13a, CLQX13, CW14b, CS14b, CLS10, CCY13, Crt10, CDK12, CT14, CG13b, CCG11, CMS14, CLM13, CTS13, CST12, DAD12, DLNN12, DCC+13, DL13c, DÆB13, DBAV14, DH11, DA14, DZL13, Dri10, DCL11, DAA11, DLM13c, EAG14, EH13, FPN+13, FAY+13, FL11a, FJ10, FR13, FMT11a, FM13].

**equations** [FW11, FVR13, FCY13, hGzS11, hGzSnZ12, hGzS13, Gas11, GL14, GM10b, GHM14, GG13, Gno14, GPS10, GM14a, Gri10, Gri12a, GLWW14, GMG12, GL14, GXS14, HH12a, HR10, Har11, HHL11, HLL12a, HKM12, HK14, HRT11, HOK10, HHGC14, HM10, HJK14, HJJZ14, HDD12, HY10, HLT10b, Hu13, HAS13, HLY11, HLYS11, HF10, JMF013, Ju10, JK11, JM12, JTH10, JCT11, JRTY11, JZ13, JLC14, JN12, JTXZ12, KL12a, KM14a, KKP10, Kat14, KDS14, KJ11, KH12, KG14, Kri14, KRT14, KMS10, LN10a, LMK13, LT11a, Le 14b, LRL10, LTT13, LK14, LA13b, Lr14, LZZ11, LTH11, LXY11, LX12, LP14a, LY13b, LD14, LS14, LS13c, LSV10, LSR11, LC14, LG14, LM+13, LG14b, LP14b, LW14, LB14, LM13, LDA10, LHMZ10, LL12b, LH13, LL14b, LLN+10, LXL+12, Luo13, LQB14, MZ10, MA14, MMB13, MBS13, Mar10b, MMY+13b, MIJ10].

**equations** [MMP11, MS14b, MN12, MAK14, MST14, MBA14, MMD+11, MG14b, MT14a, MHGNM12, MY13, MWY14, MG10b, MG13, NMZC13, NPC11b, NPC1c, NP12, NOT14, NDBG14, NEE12, NvdVB13, OK14, OA10, OLFS13, OR10, Os11, OB12, OS12, PB14, PDZ+14, PS12, PSM13, PMS14, PVLT10, PGL11, PPB14, PWK11, PE10, PvDvTB+11, PT12,
equations

PIN14, Pir12, PH13, Pir11, PMSM12, Pud11, PR14b, QY12, RBS12, RTS13, RP13, RH13, RHB13, RHXQ14, RGMC13, RCvdV13, RF14a, RS11, RM12, Sall4, SK12a, San13, SVK14, SS11, SH14, SM13, Sen13, SLGB12, Sha13, SZH12, STH11, SY11a, SSVS11, She13, SML13, SWX12, SF12, SR11, SY11c, SR13c, Sou14, SN13b, SP11, ST11b, TA11, TA12, TDVG13, TWMM14, TY11a, TCI11, Tok11a, TT10, Ton14, TE11, TS14.

equiaxed [KBT14], equidistribution [CDF11], equilibrated [NB14], equilibrium [BBB12, CVIA10, IAM12, JYHT10, MM11, MF13, PWB14, RPC14, SGV13, VP10, WYS11, X11, ZC10, ZLCW14], equivalence [Boy11, C10, SSM14]. Equivalent [CM10, Ler14, Wen10]. ergodic [YL14]. Errickson [CTM13]. erodible [MG10a]. Erratum [HY11, LWD13]. Error [APY14, LH10b, MM10, SHFB12, SB14, WX10, WW13, WH11, AM12, Con11, DFV14, DBM12, ETW10, FdV12, FVR13, GLS10, GCLS11, GB13, HHL11, HLD14, Hic12, HA14, HT12, HK10, LS11, NMT12, RKM11, SBT13, SEB12, XY14]. Error-controlled [WH11]. errors [AH13b, CN10, Dav10, GMH10a, GMH10b, JH12, LH10d, PDSF13, SM12b, SS14a, V11, XL11]. Esirkepov [G13]. essentially [CCD11b, CRT14, DB13, Fan14, FSTY14, FCY11, HKLY13, HWA10, IG14, JN12, LQ10b, VLY13, YF14, ZS13]. essentially-bound-preserving [V11]. estimates [DFV14, ECDB14, HLD14, HK10, SEB12]. estimating [GMT10]. Estimation [Cam13, B12, EH14, EWH13, ETW10, FL12, FdVV12, FVR13, GMH10a, GMH10b, HM14, HHL11, Hic12, HA14, KG13b, LA10, LH10b, MPS14, MM10, MOV12, vydCNS10]. estimators [KS13b]. Euler [AK14, B10, Bal12b, BMD13, BDA14, BR11, BN14a, BYCC14, CCGP13, Cap11, CD13a, CS14b, CRT10, CK12, D11, D12, De10, D11, GIT12, GX14, HK12, HDD12, HLT10b, Hu13, HAS13, JKW11, KM14a, KG14, Kri14, L13a, LKTL10, LDA10, LXL12, MMV13b, MJ10, NvdVB13, PIN14, Pin14, PR14b, SLGB12, SYY14a, TA11, TE11, WCM12, Wit10, WYT14, YWS13, ZS10b, ZS11, ZS12, ZYL13, ZW10b, vV12]. Swansea [BD14b, AH10a, AT11, BHS14c, BD10b, BDM13, BBG11, BR12a, BRSS11, CB10, DLM13, ES13a, GT12, GIQ11, Her10, HPOM10, HAQ12, KBS14, KS12, KS14, LQ10a, Leu11, Li13, LHB10, LSVW10, LSM10, MRD13, MV13, OS11b, OLP14, OS14, R13, Sam14, SN13, SZF12, SX14, SB12, S11, VBCM10, V11, Wan10, WY13, WYT14, YHT11, YT12, YL14a, YL14b, ZS14]. eutectic [BKK14]. evaluating
[ZJT10]. **Evaluation** [LX10, AINF13, BG13, BHBM10, GW13a, Gon10, 
Gon12, KBGO13, 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, BKDV14, CSKP10, DCVM11, 
GL14, GMG12, HenL13, HAD10, JWNL11, LX13a, LP14a, LMQ+11, Ols11, 
RKM11, RSS10, VaL11, VK12, WT14, YMLM+14]. evolutionary [APY14, CCLS10, JN12, LY14]. 
**evolving** [BF14, BD12, LK11]. EVP [LKT+12]. Ewald [LT11b, WLL13]. Ewald-based [LT11b]. 
**Exact** [RPC14, hT10b, VTTK13, BBAP14, FGR12, HTHG14, LTL11, MF14, SL110]. Exactly [Xin14, DLGP13, GM11a, LXY11, LX12]. exceeding [YM14]. 
exceptional [CDLL12]. exchange

[ABS+14, BHBM10, Men12, Nag14a, Nag14b, PSM12]. 
**exchangers** [PBdGP14]. **excitation** [VK12, WS14]. 
**exhibiting** [NW10, SCY11]. Exner [MGN10a]. Exner-based [MGN10a]. expansion 
[BS11b, DV13a, KBGO13, MTS+11, PSDF13, RJC13, VBSK10, ZD11b]. 
expsansions [AGS10, BY11, FNI14, LdWF12, MH10, PHD14, RJG10, Tyg10, Nic11]. 
**Expectation** [GJ14a, AETT11]. expectation-maximization [AETT11]. 
experimental [HM13]. experiments [BSDM12, KYP+14, MBGW13, SEBG12]. Explicit 
[AB11, GDHM11, GMA10, RA10b, SWX12, WLW13b, ZL10, AV13, Abr10, 
AK12, BRVE12, CCMG+13, DV13b, DKH11, Fal13, FP14, GHP13, Gui12, 
HK14, HW14c, KI10a, KHK12, Ku14, LCB12, MBA14, MHGNM12, 
MHGN14, NNS11, PP12, PP14, RGMc13, SK12a, SLM+14, SSH10, 
Sou14, ZY13, LKLG14, DE14]. Explicit-Implicit-Null [DE14]. Explicit/Vertically [WLW13b]. 
**Explorer** [SB+13]. Exploring [CCW11, JMJ13, JEB11, LBRA+13, JHZ10]. 
**explores** [SNBN13]. exponent [Leu11, CRK12]. **Exponential** [GBNS14, HBM13, LP14a, TS14, 
ZBS12a, ZBS12b, AF11, CTP13, CK11, LT12, RT14, TLLG10, Tok11b]. 
**Exponential-Krylov** [TS14]. **Exponentially** [ZK14]. expressed [SB11]. 
expressions [YYY+14]. extended [BG12, DRZ14, DCVM11, FK14, GW11, GHM10a, KDS14, KBSV14, 
LL10b, MCJ14, Rot13, SF11, SWX12, VHF13, YJK12, YSI14]. 
**Extending** [CG13a]. Extension [KBB13, LD12, LR12, Liu11b, CGP10, MHGN14, SC13, YMS10, ZT10a]. 
**extensions** [AR14, KS13b]. exterior 

[CT14, GH11a, GH14, KST13, SS14, SY11b]. **External** [IH13]. extracted [ELM14]. extraction [MM12]. extrapolated [FF12]. Extrapolation 
[KSS14, FVR13, MCD14a]. extreme [Hl11a, SV13]. extremely [Gui12]. 
**extremum** [GW13b, SY11a]. extremum-preserving [GW13b].

DV13b, Den11a, GHM10a, GHM10b, Har11, JMV+12, SCIE14, Sti12. filters [BGM12, BH13c, Fal13, GLM14, Kim13, MS12, MTAC12]. find [Boy13, LD12]. finding [And10]. fine [PJCS14]. fine-coarse [PJCS14]. finger [HZ11b]. fingering [SGC13, SHCY13]. Finite [BGGGS11, BWS10, BdcBl11, Ch10, CRT14, CR13, CC14, Dkm11, FGE11, KLL13, Ljx+14, LRBT14, LW13b, Pri14, RCCW10, SGW10, SLC+11, SS13b, SS14b, TL13, WLW14, WT14, ZM10, nZsIl14, vEkDb14, AB12, AINF13, ANIF14, AV10, Ain14, AIx10, ASS13, ABK12, ABK13, Akl+13, ABS+14, ABj+12, APc11, Bcp13, BMP13, Bfr13, BHL12a, BSSW12, BGN10, BmP13, BHL+13, BW13, BN12, BN13, BN14a, BFSVC14, Boe11, BKc+11, Bfe12, BSB14, BD14b, BBD14, BCLR10, BHL12b, BHM14, BHY14, Bty14, Bvk12, CcKcg10, Cvc12, Cms10a, Ccw12, chKt13, ClsX14, ClXLf14, CLG13, CW14b, CDL11, CWZ+11, Ch11a, CDHM11, CVi+13, Cmg+13, CJ14, Ch11b, Cs12c, CT14, CR14, CMBW13, DH10, DMHL14, DEH11, DM13, Dmt+11, DMM+13, Dkr14, Db13, Da14, DB12, DCL11, Dsz13, Dka12, DCvM11, DZhB13, DzLD14, EgW11, Egh13]. finite [Egl+13, Es10, Eo11, EAn11, Es14, Fgz12, FpN+13, Fgr12, FH11, FCg10, FCYF11, FCn+13, FC13, FLB+12, FL11b, Fe11, Fo11, FSl10, Fmm+10, GT12, hGzS11, hGzSnZ12, Gao13, hGzS13, GHDM11, GMA10, Gr13, GZZ14, GDGP11, Gq13, Gxs14, HRK+10, Hj11, Hkj11, HPA14a, HPA14b, HR10, HPV13, Hgw11, HRBK10, He14, HMM+10, Hic12, HZ14, HK13, HZs12, HvB11, HM10, HjK14, HL12b, Hy09, Hy11, HZ11b, HUl13, HLLW11, HLs11, HAO12, Hua14, Hut14, Ian11, IX10, IDNG13, Jmw12, Jz11, JRG13, Jm10, Jtx12, KCG14, KR10, Kds14, Kim13, Koi11, KEgM10, KvbP+14, Ko14, LmS14, Lrl10, LcNk10, LB13, LdWf12, Lnu11, LH10c, Li10a, LHy12, LR12, Lxl13, LHy13, Lx14, LSz13, LlmY14, Lsv10, Lms11, LMBB11, LMS14, LS13d, LW14, LLS11, LTL11, MZ11b, MAPp13, MF14, MB12, MMV+13a, MMV+13b]. finite [Mms13, ML14a, Mat14, MOV12, Mtb10, Mig14, Mss12, ML13, MvFCM13, MstL13, MstLt14, Mts+11, Mtm14, Mor10, MK14b, MIKg12, MNL+13, MWY14, NLGl14, Nis14a, Nis14b, Npv14, Nks10, NNS11, Nor14, ORhH13, Obt11, Os11b, PdsS10, Pmm+11, Pr11, PvdTcB+11, PnFp10, Ps14b, Pbc11b, Qs11a, Rsk13, RpV13, Rss10, RkGM14, RHGT10, RBK13, SSB13, SF11, SL13a, SrsV11, ScGe13, SQc11, SQ11, SY11a, SY12b, SS10c, SG14, SY11c, SYV14, Sog14b, SK12b, SvbdV11, Son11, Sjh12, Sc12, Sr13d, Sit+11, Srl+11, SDh12, sSLxRy14, SIdG13, TH14a, TD11a, TLC11, TEy12, UkP14, UjVy10, Uj11, Uj12, Vdp11, VwpF11, VWf13, Vsk10, Wa12, Wws10, Ww11, Wys12, WD13a, WkMj13, Wzzz14, WD14, WaM14, Wz10, WYc13, Wg14, Xi1X14, QXq13, QXqC14, XLD+11, X1H13, XJ14, YAl+11, Ys13, ZW10a, Zs12]. finite [ZyHw13, ZHy13, Zy13, Zkm+11, AGbc14, ABMt14, CRK12, Den11a, GP12a, LHmZ10, SGW10]. Finite-difference [Cr13, vEkDb14, ANIF14, BDMP13, BHL+13, BHM14, CWZ+11, CVi+13, CR14, DA14, FCYF11, FCN+13, GRI3, GZZ14, HE14, Hic12, HZ14, HJK14,
[LLdSC11, ABMT12, ABMT14, AF13, ABPSM11, ABS+14, BGGGS11, Bal10, Bal12b, BMD+13, BDA14, BNM14, BDA12, BFSVC14, BCD14, BPS14, BR11, BLR13, BD11b, BBD11, Brec12b, BDKV14, CIJS14, CCKCG10, CD13a, CFCA13a, CFCA13b, CS12a, CK10, CP14, CM14, CP10, CL14b, CS10, CB10, CZ11b, CVIA10, CL11b, CJP+14, CRT10, CSKP10, CC14, CCLV10, CN+13, CGC+12, CGF+13, CDB13, CTSM13, DDL10, DM13, Del11, DLZ+11, DFVY14, DNNRd1A14, DF14, DMMGM14, DS10, DS12, Don14a, Don14b, DL10b, DLM13b, EGG12, FGR12, FF13, FK14, FSL10, Fus13, GT12, GG10, GPCE13, GCE14, GJ14b, GITW12, GJLY13, GVV13, GCL13, GK10, GIQ11, GGP11, GH12b, GLL14, HK10, HKT10a, HHA14, HKM12, Hig13, HF11, HHH13, HK13, HKL14, IAM+12, IG14, JTT14, JYHT10, JH12, KKKAS12, KWSJ11, KKL10, flows [KH13, KSL10, KM13, KF12, KT14, KG13a, KKO13, KRT14, KSD12, KBB13, LP13b, LNS13, LMFH11, Lee12a, LSBJ14, LG13, Li10b, sLwG10, LZ13, Li13, LMGS13, LXR12, LHB10, LFRM10, LWCR10, LWF11, LZV12, LVZK14, LDDBR13, LHPH11, LKB10, LS+13, Li14, MB13a, MS10a, MAB+13, MMV+13b, MCA+13, McD14b, MG14a, MZ11d, MWRZ13, MDH+10, ML11b, Min13, MBD13, MW14a, MSB14, MLBS14, Mor10, MN14, MLGN12, MG12b, NHE14, NL12b, NCKN10, NMT+12, OAK11, OD13, PLBR13, PL14, PPS12, PP14, PB14b, QLW14, Qua11, RK14, RC12, RFC14, RB13, RBC10, SRN10, SM11a, SBB13, SH13, SF11, SHCY13, ST11, SDCF10, SY11, SSM10, SS10c, SPF10, Shu14, SW10, SC13, SCB10, SBvdV11, SS13b, SS14b, SM10, SKR14, SST10, STC10b, Sza12, TS11, TQW14, TSL+14, TSLV11, TK12]. flows [TK15, TBMH11, TRL14, TVEC12, TAD14, Ty14, UL513, VDD10a, VP14, VRBZ11, VBCM10, VSC+14, VdMS+14, VED13, VKBK11, VWP11, Wan13a, WK10, WYS+11, WZ11, WWZ13, WZG+13, WP10, WS10c, WS11, XQX13, XH10, XYL12, XR14, YDN10, YP13, YCY11, YS11a, YS11b, YCL12, YSW+13, YSW14, Yin14, Yak13, YBY12, ZA14, ZHW10, ZL10, ZF11, ZNF14, ZNF15, ZGZ10, Zho11, ZF14, ZDSP11, vRLPK11, vVVK10, vVR12a, vVR12b].

**Fluctuation** [Kea14, SBA13, UPDB13]. **Fluctuation** [NWLS12, XM14].

**Fluctuation-enhanced** [XM14]. **Fluctuations**

[Atz10, Atz11, LHB10, PHS14A]. **Fluid**

[BLR13a, BCG+13, CCL+14, DD12, LS13a, TDL+14, AC13, AELV14, AF13, ACC12, Atz11, BK12a, BHS12, BC10a, BOD11, BW13, BBGP13, BS10b, CFCA13a, CFCA13b, CN10, CW14a, CS10, CLG13, CZ11b, CHHL11, CM10, Dad12, DDM10, Deg11, DM13, DF14, DLM+13a, DL10b, DGF14, EC13, ETW10, Fa13, FL14, FRP14, FG12, FP14, GM12a, GCBH13, GJLY13, GV13, GKF11, GZZ14, GBC11, HLT10a, HSK+15, HMHO13, Hig13, HK13, HCS11, JSA14, JTH10, KFOS14, KMA13, KA12, KK10c, LT10a, LP13a, LZ13, LC13, LWF11, LW13b, LJG14, LHP11, LHH10b, LZ11b, MD13, MF14, MK14a, MNK13, Mit13, MMH12, NL12a, NPV14, NKF14, OL13, OP10, OD14, OM12, PPTMK13, PMSH10, PHS14A, PZ10, QLW14, RBB12, Ric13, RHGT10, RMSF11, RDHK12, ST11, SC10, SC11,
STL$^{10}$, SBvdV11, SKt$^{11}$, SIT$^{11}$, TGT$^{10}$]. fluid
[TQW14, TPF11, TVEC12, ULS13, VDD$^{10}$a, VRB10, VLM13, VF10, WFL10, WYS$^{12}$a, WYS$^{12}$b, WKL$^{14}$, WLT$^{14}$, WLW14, WZT$^{14}$, WY11, WTSZ10, WC14b, XL11, YS11b, YS12a, YBK13, Zad11, ZA14, ZBS12a, ZF12, ZL10, ZJL$^{14}$, HS13b, MHL$^{14}$, WY10]. fluid-body
[TQW14, TPF11, TVEC12, ULS13, VDD$^{10}$a, VRB10, VLM13, VF10, WFL10, WYS$^{12}$a, WYS$^{12}$b, WKL$^{14}$, WLT$^{14}$, WLW14, WZT$^{14}$, WY11, WTSZ10, WC14b, XL11, YS11b, YS12a, YBK13, Zad11, ZA14, ZBS12a, ZF12, ZL10, ZJL$^{14}$, HS13b, MHL$^{14}$, WY10]. 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, MMH$^{12}$, NL12a, NPV14, OM12, PHS14, 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, PS15, UWB12, YFL$^{13}$, ZYF$^{10}$]. fluorescence
[MB13b]. fluorophores
[MB13b]. flux
[APY14, BNT14, CVC12, Cha13, DFNNRdlA14, EZ10, Gao13, GCM13, GD10, GL12a, HLM11, KS13a, Kri14, KMS10, LBM10, LSVW10, ML14b, OS11b, Par13, PM14, SBN12, SK13, VKL$^{13}$, VC11, WSW13, WCVJ13, XQX13, ZS14]. flux-approximation
[ML14b]. flux-corrected
[BNT14, HLM11]. fluxes
[Cam13, PAM10]. FMM
[GD13]. foam
[LS13a, TDL$^{14}$]. focusing
[BRS11, MdVBS13]. Fokas
[AN14]. Fokker
[TTR$^{12}$, TBNT14, Wol12, CCT11, GJ14b, JY11, LE13, Mar10b, PLT14, SJH12]. Foldy
[HSZ10, HLZ13]. Force
[SCS14, CN10, Dai13, HH12b, HH13, Kea14, LKCY11, LY13a, MWRZ13, MW14a, PBT14, PA12, YTYJ12, YM10, Yok14, vHtTC11, SST10]. Force-controlled
[SCS14]. force-coupling
[Kea14, YM10]. force-driven
[MWRZ13]. forced
[CL13, TPA$^{+13}$]. forces
[AT13b, HH13, MD13, SSHT14]. forcing
[BL11, CLS10, GH10, Hig13, JMK12, KF12, LDS11, OBT11, VRB10, YS12a]. forecasting
[Fal13]. form
[ANIF14, BH12, BNT14, BN12, FCN$^{+13}$, HLM11, JM12, Mor10, MK14b, MV13, RCCW10, SBS11]. format
[BGK12]. formation
[DH13, SS13b, SS14b, Tok10]. forming
[AVKP11]. forms
[BBM14, PRH$^{+14}$, PZ14, RMMD14, YMS12, ZPF10]. formula
[hGzSwZ14]. formulae
[DFD14, NN12]. formulas
[BMC1K10]. Formulation
[BRSS11, DEKBF14, RS13b, APF13, AHA10b, AHA13, AGBC14, AI1X10, BRR11, BLA$^{+14}$, BD12, CN12, CVN13, CFW$^{+13}$, CB14, CY12, CBW10, CF11c, CGP10, ES13a, ES13b, FL14, Fus13, GW13a, GQ11, HSW13, HSZ10, HLZ13, JKVQ13, KFOS14, KK10c, LRL10, LKT$^{+12}$, LYD10, LHM14, LBS10, MBMV13, NOT14, Nis12, OR10, OLC13, QS11b, Ric13, RMSFS11, SHMS13, SZF12, SPB$^{+10}$, SYL10, SCB10, SB12, SP14b, TY11a, VMA14, Wan10, WZ11, XIIX14, Yok14, ZWL$^{+12}$a, BD10a]. formulations
[BCLR10, FCN$^{+13}$, GCW14, MHA10, WX14, ZRM13, ZSB14]. Forward
[Wan13b, HVT12, LP13a, MB10b, WX14]. forward-reverse
[HVT12]. four
[YJK12]. four-field
[YJK12]. Fourier
[AR14, APRS14, BPM13, BLTO11,
BY11, CK10, FW12, GBS\textsuperscript{+14}, GZQ13, HW10, HHD12, HG10, JHF10, KSK13, LR11, PMSM12, PS14b, QZM\textsuperscript{+12}, SABH11, SHZ13, ZHPS11.


Fourth-order [WGX13, BYCC14, CdCD12, FCFY11, Ge10, HM10, Li10b, LY13b, SVK14]. FPGA [LWZ\textsuperscript{+13}]. fraction [QB14]. Fractional [ZK13, AKP\textsuperscript{+12}, OM12]. Fractions [FS10a]. Fracture [BJLR14, AJV11, BPS14, CWL10, HKJ11, ZYHW13, SBN12]. Fracture-Matrix [SBN12]. fractured [MF13, NJ12, YL10, ZYHW13]. fragmentation [KSU13, SKU13]. frame [DS11, GK14, JSX10, VGCING11, YXD\textsuperscript{+14}, ZS14, ZJT10]. frame-indifferent [GK14]. frame-invariant [ZS14]. frames [BPQO13, BN14b]. framework [ACG14, BHS14c, BBGP13, CS14c, CT14, DBZ14, GHP13, HQL\textsuperscript{+10}, LLYE12a, LS10b, MRS14b, NMV13, OK12, OD14, SMP\textsuperscript{+13}, SKW14, SS10c, Unf13, VBYD10, VBSK10, WKMJ13, WC14b, XJ12, YS12a, YD12, Yok13].

FRC [KST13]. Free [AM10, BK12b, LH13, ABKF11, AF11, BCD14, BDTW10, BND\textsuperscript{+12}, CTP13, CSW14, CW14a, DDF14, FDHP11, GAvdVB14, GCVRK11, GC11, GCZ13, GL12a, GV13, Han11, HMHO13, KM11, Kaw13, KG13a, KG13c, LST\textsuperscript{+10}, LPE\textsuperscript{+11}, LKT\textsuperscript{+12}, Li10b, LX11, LX12, LS13, LSXR12, LW14, LFLV14, LVZ10, LYD10, MCLG10, MKG12, NC10, OM12, PMMB14, PZ10, RR14, RB10, RB13, RLP12, RM14, SAM10, SF11, SR13c, S1T10, SBO11, SP14b, WWZ13, WJ13, YI10, XW10, XMS12, YW13, Yok13, YB14, ZBS12a, ZBS12b, ZOWZ10, ZOJR11, ZS14]. free-boundary [LYD10]. free-surface [ABKF11, BCD14, GV13, HMHO13, LSXR12, MCLG10, PZ10, RB10, RB13, SF11, S1T10, YI10]. freely [GMS14]. Fresnley [JCT11]. frequencies [CB12]. Frequency [HR10, AWK\textsuperscript{+11}, AETT11, AH10b, BCM12, CTG12, DTU12, EL11, GH11a, GGG\textsuperscript{+13}, HD12K, LJ13b, LQ14, MKJ13, MN14, S1S11, SF12, SK10, TY11b]. frequency-dependent [DTU12]. frequency-domain [AWK\textsuperscript{+11}, SF12]. frequency-space [SSS11]. Friction [SPS14, CVC12, MGN12b]. Friedrichs [ICK13, LQ11]. frog [HT14, SWX12]. Front [SYJ11, AK14, BW13, LW11, MF12, Mar10b, NW10, RZ10, RR14, TVEC12, UGK13, WWZ13, WIT10]. front-tracking [LW11, RZ10, RR14, TVEC12, UGK13]. front-tracking/ghost-fluid [TVEC12]. Frontiers [ASX14]. fronts [LDM13b, LEH10]. FSI
[BHS13, BHS14a, BHS14b]. **fuel** [VDD10a]. **full** [KED10, AMP14, FE11, GB14, LLJ10, SIT+11, XHF13]. **full-body** [XHF13]. **fulerene** [WPKK12]. **fully** [BBGP14, GM10a, GHP13, GF13, Hen13, LDA10, ASB10, AH10a, BZKL13, BCL+11, Bre12b, CDSP13, CNR10, CCL+14, FCG10, GH11a, GMC13, GXX14, HL12b, JZ13, KK10a, Kau10, LGF11, LL10b, MA14, MdVBS13, Mor13, SNS10, SHCY13, SPB+10, SFCF10, SCS14, TQW14, WC14b, YB14, ZBS12b, LEH12]. **fully-coupled** [SHCY13, SPB+10]. **fully-developed** [SNS10]. **fully-discrete** [GXX14]. **fully-implicit** [SPB+10]. **fully-nonlinear** [SNS10]. **Function** [MNR11, AGSG11, BFE12, BCM+11, Boy10, BRD14c, CRSP13, DL13c, FWP14, Gil13, Gon10, Gür14, HLW13, IST+12, IXX14, JC10, JK11, KN11, LK14, LSK11, LH10d, MCLG10, NKF14, ST13, TVE14, VK12, WZ11, WYS12a, YSW+13, YSW14, ZT10a, ZMG11]. **function-based** [SNS10]. **functional** [HBZL14]. **functionals** [RSS10]. **functions** [PDC13, BY11, Boy11, BX12, CEK14, CCC12, CST10, EGM11, ERT10, Fat10, FL10, FB11, Gno14, GWG14, HBM13, HHGC14, JNX13, LD12, LB14, MK13, Min10a, NB14, Ost10, Pir12, PH13, RA10a, RPA13, Sal14, SP+13, TCL11, Val14, VT13, WZZ14, ZBS12a, ZBS12b, ZJW12, ZPG10, ZPR12]. **fundamental** [AEM13, BOK12, SLY12]. **Further** [DMM+13]. **fusion** [GS14a, PLT14, TTR+12, WCM+14]. **FV** [SGS13].

**Galerkin** [BR12b, FW12, AJRT11, AJ14, AWK+11, AAT+14, BNT14, BGR11, BBC+12, BR11, BGHM13, BSCML13, BTY14, Cha13, C11a, CS12b, CAH14, CLX14, CCZ14a, CCZ14b, CW14b, CXL14, CCY13, CJ14, CD13, CDM13, DAEB13, DFFL10, DHH11, DL10a, DZL13, DSZ13, DZLD14, FP14, FT12, FH11, FP12, FP14, GAvdVB14, GH11a, GDHM11, GP12b, GZQ13, GX14, HGMM12, Hig13, HvB11, Jan11, JMO13, JZ11, KG1a, KKO13, KG14, KRT14, Kuz14, LH10a, LMX14, LHH14, LLJ10, LXY11, LX12, LXL13, LH14a, LZZC14, LLP14, LSW14, LYE12a, LMMY14, LH10, LP14b, Liv10, LNN+10, LLX+12, LXS+13, LH14, MRS14a, MHA10, MN11, MOSW12, MST14, MENV10, MM1M11, MON14, ML11b, MK11, MWW+13, MWY14, MBG14, NPC11b, NPC11a, NPC11c, NP12, NDBG14, NvdVB13, OHF12, OS11a, OD13, PDZ+14, Per13, PIN14, QS11b, RV10].

**Galerkin** [RHXQ14, RGM13, RC12, RCvdV13, RS11, SH14, SGC13, SHCY13, SLT+14, SBvdV11, SSL13, SD14c, TG14a, TE11, TD11b, TD12b, TLE10, TBR13, VMA14, VR14, WXZ10, WS10b, WT12a, WZSN12, WK13a, WKH10, WSBG10, WT14, XSS10, Xin14, XLD+11, XCL14, YO11, YWS13, YMLM+14, YHL13, YWL14, ZS10b, ZOW10, ZS11, ZOJR11, ZHY13, ZZ13, ZT13b, ZYS14, ZS13, ZT10b, ZSSQ13, ZMD+11, vdVR12a, vdVR12b]. **Galerkin-enriched** [CJ14]. **Galilean** [Del14, WZT+14]. **gamma** [RKD+14].
gamma-ray [RKD+14]. Gas [CJLC11, BRS12, BSDM12, BDLGC13, CXL12, CGF+13, DDL10, GJ14b, GH12b, HMHO13, JZ11, KM11, Koll11, KG13, KMSS10, LNS13, LXF10, LLX11a, LYYZ14, MZ11d, Mic13, Min10b, MHGM14, Nag14a, Nag14b, PZTW12, PLBR13, PL14, PL12, RTS13, RPC14, SS10c, Sza12, TK12, TK15, Tit12, TA13, UN13, VMA14, WZG+13, WYT14, XH10, XX13, YSW+13, YSW14, ZFJ11, vVVK10]. gas-dust [Min10b].

Gas-kinetic [CJLC11, KGK13, LXF10, LLX11a, LYYZ14, XH10, XX13, YSW+13, YSW14].


gas-solid [BSDM12].

gaseous [WZSN12, YTYJ12].

Gauss [Boy10, DBAV14, TDL10, SAHS14, ZHS10].

Gaussian [AETT11, BLQ14, BHM11, BZ12, BZKL13, Boy10, HW14c, JWHY10, KSK13, LQ10a, QY10, RS13b, RS14b].

GCL [AINF13, SYV14].

Geant4 [KLB+14].

Geant4-DNA [KLB+14]. Gegenbauer [DV13a].

geological [ALGB+13]. GENE [GLB+11]. general [AB11, BDTW10, BDKV14, BL10, DAA11, FE11, GCW14, KK10b, LFW11, LB10, MT14a, PNPF10, SM11a, SY12a, SRS10, VMA14, WYS12a, WG14, ZT13a, vV12].
generalised [LSR12, Sal14].

generalised-Laguerre [Sal14].

Generalization [LBZ+10, STD14]. generalizations [CHZ13b].

Generalized [AEM13, DXB+13, EGH13, EGL+13, HDHZ13, HSZ10, LBS10, PSM11, Pir10, PC13, RB13, SZ11, YBK13, ZZZ14, ARR11, AHA12, CBPS13, DBZ14, Fal13, GvdSVK10, HE14, HHGC14, HLZ13, KJC13, LLX11a, Liu11b, LBR14, MMD+11, MCDT12, OJW10, PBDGP14, Pir11, QLEW14, SHZF12, XYS10, YHL13].
generated [ERT10, FLB+12, FL11b, JH12].

generation [GL13, HW14c, Kau10, LX13b, MZ11a, PAG11, SGV13, SWR11, WTYC13, YB14, ZJW12].
generator [NW10].

generic [LEHI10].

Genuinely [Fal13, BBD14].
gedesic [PB13a, PB14a, Pud11].

Geometric [ANIF14, DMT+11, AMP14, ACB+13, BN10, CTO10, ES10, HTHG14, MHA10, MN11, MYM12, MNS13, OD14, ST11a, XFC+14, DMM+13].

Geometrical [JRG13, BDM13, CRK14, LLZ11].

geometrically [GRS14, JK11, OS11b]. geometrically-conservative [OS11b].
geometries [CB10, CLS10, GCVRK11, HS13a, HBAI10, KG12b, MM12, MTG11, PMSM12, PHS14, SSB13, SM11b, SY11c, UKP14, ZYT13].

Geometry [SP14, BCM+11, CBW10, CS10, DOR10, DC13, FGLB14, GPY14, LRS10, LFRM10, SHYCI13, UKP14].

ground [MG14a, TH14a, UJ11].

geophysical [TQW14].

geospherical [SS10c].

GFD [WYYK10].
ghost [CR13, HK13, K14, KMA13, LY13a, VDD10a, XL11, ZF12, ZL10].

ghost-cell [LY13a].
ghost-point [CR13].

Ginzburg [RSS10, SV13, TAT14].

glass [ARF12, MSTL14].

GLM [MTB10, MT10].

Global [BR10a, CLS14, Gno14, SG13, CBGK13, DTG+14, EGG12, GCE14, GLB+11, IX10, JNM12, JMV+12, JMGN13, LR13, MS10a, MBS13, Sti12, WH11, GPCE13].

globular [ORHH13].

gluon [AllNT14]. GMsFEM [CEL14, EG13].

GNAT
PRH$^{+}14$, PHRG13, PYK10, PB13a, PB14a, PAM10, RWX11, RTKS10, SKU13, SGS13, SSS10, SML13, SSHM10, SC11, SFWP10, SR13c, SYV14, Son11, SV10, TF10, TDVG13, TRL14, TDL1b, TLO$^{+}14$, Ty14, UJ11, VMA14, WYS12a, WY10, WG14, XIX14, XDZ$^{+}14$, YMS10, Zie11, vV12].

Gross [MWRZ13, LX14, Sal14, TA12].

Ground [LLSW14, AD14, BCW10, BD11a, BCZ13, CCW11, Don11, FT12, Wan14, ZD11a].

group [AK12, CMO14, KBRM12, LB14].

grouping [Ran11].

growing [GMXG14].

growth [BGN10, CCFCM11, JR14, KBTD12, LGH10b].

GRP [HLT10a, LZ13, WYT14, YHT11, YT12].

Gr"uneisen [WP10].

GSM [WKL$^{+}14$].

GSM/ALE [WKL$^{+}14$].

GSPH [PR14a].

guest [VCS14].

guide [FLB$^{+}12$].

gyrokinetic [BKH12, CB13, CRS12, GLB$^{+}11$, HdCNT12, JMV$^{+}12$, KWH10, KHJ$^{+}13$].

gyrokinetics [NHT$^{+}10$, NHT$^{+}13$].

H [TP14].

H-VLPL [TP14].

Hadwiger [CLW10].

haemodynamic [GCBH10].

haemodynamics [FQV13, NPV14].

Hagedorn [Zho14b].

half [CB14, Ty14].

half-space [CB14].

half-staggered [Ty14].

Hall [DTG$^{+}14$].

halo [BS14a].

Hamilton [CW14b, LP14b, YO11, ZQ13].

Hamiltonian [AEM13, DF10b, GCW14, HDHZ13, MNS13, NvdVB13, SWX12, WWS13b, ZTS$^{+}10$].

Hancock [BD14a].

Handling [ZL10, AHS14].

Hard [IAM$^{+}12$, De 10, FCH13, GL13].

Hard-sphere [IAM$^{+}12$, FCH13].

harmonic [DLC11, EAG14, GG$^{+}13$, JMFO13, LPL14, MTS$^{+}11$, Mön13, NPC11b, NB14, PL10, RM12, SG10a, SF14, SP11, TEY12, Tyg10, XMDG13, XMDG14, XJ14, ZMD$^{+}11$].

harmonics [GS11a, LdWF12, MH10, MM11, Ob12, RARO13, RJG10, Sal14].

Harris [VCS14].

Hartmann [HY11, HY09].

Hartree [BD11a].

hash [BG12].

Havriljak [CPJ11].

hazard [MPS$^{+}14$].

HDG [WK13a].

heart [LS13a].

heat [BD12, BDLGC13, CdCNH14, Coo13, CCG11, ETW10, GP12a, HS13a, HK11, JYHT10, KK10a, KkZB14, KR$^{+}14$, LN10a, LCK11, LN10b, MB13a, Mar10b, MM11, NTV14, PGR10, PBDGP14, SD14c, ZYT13].

heat-conducting [KR$^{+}14$].

heating [KS13a].

heavy [AIIINT14].

heavy-ion [AIIINT14].

height [BCM$^{+}11$, LH10d].

heights [FS10a].

Hele [GX14].

helical [Tan11].

helically [LP12a].

helicity [OR10].

helicopter [XW14].

Helmholtz [BAG12, CES14, CB12, CF11b, CCW12, CLX14, CC12, CGS13, Coa12, DDL13, FKM11, GD13, HM11, KQ11, KO14, LLL10, LW13a, LM14b, LQB14, NN12, RVbZ10, St13, Stu10, TGTT13, VBVD10, VG14, WdHX10, ZT13a, Zha10b].

Helmholtz-type [KO14].

hemodynamics [ADS13, BC14, CG14, XH13].

Hermite [CAH14, KBRM12, LXL$^{+}12$, RBK13, SP14a, YF14, Yin14, ZQ13, vDS12].

Hermite-based [SP14a].

Hermite-discontinuous [CAH14].

Hermitian [And10].

heterogeneity [LLMY14].

Heterogeneous [LR13, AB12, AST12, AT13a, BCL14, CTP13, CL11a, CSX14, DM13, Dur14, EGG12, LMFH11, LH10c, Liu11a, LW13b, MZ11b, MJ13, MMJ14, SKN13a, SGS13, STD$^{+}10$, TLG10, WT13, WHT14, WLW14, WGD12].
heterostructures [MZhB12].  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, SY114a, SS12b, XL+11, LX13+13].  hierarchy [MT13].  High [AQ11, AL10, AME14, AMP14, AF11, AN13, BGH10, BD13, BL10, CYK+14, CCD11b, CJF+14, CDHM11, DLGP13, DKR14, Fan14, FT11, FC13, FMM+10, HRK10, HOK10, ITHG14, IG14, KMI4b, KEGM10, LGLX14, LL14a, LB10, MTT13, MBB10, Mig14, MSB14, NPC11a, NCKN10, OAKR14, PPWZ11, QB14, SHCY13, SFCF10, SIDG13, TR11, UJvL10, VQVD11, WSY12, Whi10, WD11, Wit13, XQXC14, XW14, Zha10b, AB12, AINF13, ANIF14, ALR11, Ain14, AETT11, ABK12, ABK13, AH10b, ABJ+12, BHB11, BMS12, Bal12a, BNT14, BDMP13, BCM12, BSS14, BS10a, BR13b, BK14b, BKW10, BL13, BLR14, CCKCG10, CX13, Cap11, CDSP13, CTG12, CWL10, CZ11a, CXLF14, CMQ14, CEL14, CDL11, CLAL14, DEH11, DMT+11, DMM+13, DL13b, DAE13b, DSZ13, DWZ10, DV14, EGW11, EGZ12, EL11, FW12, FK10, FP14].

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, AL11, AN13, BGH10, BD13, BL10, CYK+14, CDHM11, FC13, HOK10, IG14, KEGM10, LB10, MTB10, Mig14, MSB14, NPC11a, PPWZ11, SHCY13, SFCF10, SIDG13, UJvL10, VQVD11, Whi10, AB12, AINF13, ANIF14, ABK13, ABJ+12, BHB11, BMS12, BNT14, BS10a, BL13, BLR14, Cap11, CDL11, DEH11, DMT+11, DMM+13, DSZ13, DWZ10, FP14, GNGAS10, GBNS14, Ger12, GMC13, GCL13, HHH12a, HE14, HLT10b, HAS12, JAX11, JZ11, JLB+10, KLMJ12, KSU13, KKF13a, Kaw13, KKVZB14, KG13a, KG13b, Kwo14, LTC10, LFB11, LP13b, Le 14a, LSB14, LGC13, Ler13, LLZ11, LXF10, LR12, LLZ14, LP14a, LN10b, LM14a, LLS11, LL14b, LQ11, LQB14, MZ10, MKGV12, MN11, MJ110, MZ11d, MZ14, MJK13, MAD13, MPT13, NHE14, NMCZ14, NPC11c, Nic10, NMT+12, OS11a, PDSS10, Par10, FMM+11, Par12a, PGLT10, PVLT10, PCF+13, Per13, QLW14, QC10, QSL11a, RZ10, RKD+14, RS11, SRN10, SKU13, SERV11, SM11b, SQC11, SZH12, SCY11, SR11, Shy10, SYV14, Sou14, SP+13, SDH12, SD14e, SY14b, TS11, TWS12, TK12, TK15].

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, AL11, AN13, BGH10, BD13, BL10, CYK+14, CDHM11, FC13, HOK10, IG14, KEGM10, LB10, MTB10, Mig14, MSB14, NPC11a, PPWZ11, SHCY13, SFCF10, SIDG13, UJvL10, VQVD11, Whi10, AB12, AINF13, ANIF14, ABK13, ABJ+12, BHB11, BMS12, BNT14, BS10a, BL13, BLR14, Cap11, CDL11, DEH11, DMT+11, DMM+13, DSZ13, DWZ10, FP14, GNGAS10, GBNS14, Ger12, GMC13, GCL13, HHH12a, HE14, HLT10b, HAS12, JAX11, JZ11, Kaw13, LFL11, LSB14, Ler13, LXF10, LN10b, LM14a, LLS11, LQ11, MKGV12, MN11, MJ110, MZ11d, MZ14, MAD13,
MPT13, NMCZ14, NPC11c, NMT$^+$12, OS11a, PDSS10, PMM$^+$11, PGLT10, PVL10, PCF$^+$13, Per13, RZ10, RS11, SRN10, SM11b, SCY11, SDH12, SD14c, TK12, TK15, Th12, Ty14, UKP14, UJ12, VWPF11, WVF13, VJC11, VSK10, Wan11a, WYS$^+$11, WSBG10, WP14. high-order
[XDZ$^+$14, YL11, YHM12, YYB12, ZD11b, ZDSP11]. High-performance
[FT11, OAKR14, WD11, Wit13, Fuj11, HMOH11]. high-precision
[FT11, OAKR14, WD11, Wit13, Fuj11, HMOH11]. high-resolution
[LL14a, JLB$^+$10, Par12a, Shy10, WD11, vL11]. high-speed
[NHE14]. high-velocity
[BDMP13, CWL10]. High-volume
[QB14]. Higher
[Dai13, DCC$^+$13, MF13, MIKG12, MNL$^+$13, SGS13, BX12, FL13, FVR13, Gen13, HAMA14, HGW11, vD11, vdVR12a, vdVR12b]. Higher-order
[DCC$^+$13, MF13, MIKG12, MNL$^+$13, FL13, Gen13, HAMA14, LT14, MF10, Mön13, SK12b, ZF12]. Highly
[ARR13, CLM13, DLNN12, EZ10, GHM14, HT14, LTCN13, LEHA10, LW14, MN12, PVDM14, SS11, WFK11, WLW13a, WW14, WJC13]. Hilliard
[GXX14, GLL14, HHK13, BSS14, GLW14, GGT13, HGW11, LDE$^+$13, SJK11, WG11, ZW10a, ZTG$^+$13]. Hilliard/Navier
[HHK13]. histogramming
[LSK11]. historical
[vL11]. History
[CZL10, Dai13, vHtTBC11]. HLL
[BDD14, Cap11, Guy13, MGN12a, Ric10, SLH$^+$11]. HLLC
[Bal12b, BDA14, KB14, MGN12a, TT10]. HLLC-type
[TT10]. HLLD
[OLPM14]. HLLE
[Bal10]. HOC
[GC11, GCZ13]. Hodgkin
[AN13]. Holm
[SCV11]. homo
[JJM13]. homo-oligomerization
[JJM13]. homogeneity
[iIT14]. homogeneous
[AJ14, CSKP10, LE12, OTV13, STH11, SVS11, She13, TG14b]. homogenization
[AB12, ZVMN10]. homologous
[EHA14]. homotopy
[HHS$^+$13]. Hoover
[CWC11]. horizontal
[EEK14]. Horizontally
[WLW13b]. host
[BR12]. hot
[CM10]. hp
[Ahn14, BSS11, DHP11, LSW14, WZZ14, vdVR12a, vdVR12b]. hp-Cloud
[Ahn14]. hp-convergence
[ZZZ14]. hp-discontinuous
[LSW14]. hp-FEM
[BS11, DHP11]. hp-Multigrid
[vdVR12a, vdVR12b]. HPC
[SF14]. Hugoniot
[Guy13]. human
[AKL$^+$13, SMF$^+$13]. Huxley
[AN13]. Huygens
[Ber11, LQB14]. Hybrid
[CBPS13, CP14, EWH14, GQ13, HDD14, LBC14, LC10b, MM11, PLBR13, SBA13, WS14, ALR11, AP11, AP12b, AH14, BD11, BW13, BFSVC14, BBG$^+$11, BS10b, BLR13a, CDP13, CCB12, CA14, CPC13, DTU12, FT12, GG13, GH12, GWK10, HPOM10, KV12, KK10b, Kha13, KS12, KSB14, LRL10, LEH10, LEH12, LDD13, MJ10, Min10b, MST13, NW10, OK12, PP14, PAM10, RKG14, RRCD14, RCC14, SP13, SGW10, SM13, SS10b, SABH11, SH13, SMS14, SAA14, SV13, sSLxRyZ14, TAT14, TP14, VLM13, WWX$^+$10, WSS12, WP10, WYC13, XJ12, YK12, ZWL$^+$12a, ZWL$^+$12b, ZDSP11, HPV13, TL13]. hybrid-kinetic
[KSB14]. Hybrid-Mixed
[HPV13]. Hybridizable
[NPC11b, NP12, WK13a, CLX14, LLP14, NPC11a, NPC11c, RC12]. hydro
[KMvM$^+$12]. hydrocarbon
[BG12]. hydrocodes
[LS10b]. Hydrodynamic
[SBC$^+$14, AP11, AP12b, ACB12, CS12a, HP13, HZS12,

IASI [HMOH11]. IBC

IBM [KBTJD12]. IC [DZL13]. ice [CMG+13, JG13, LTS+10, LPE+11, LKT+12, LKLG14, LIX+14, LFLV14, PTM13]. ice-ocean [LFLV14].

ice-sheet [PTM13]. ice-shelf [PTM13]. icosahedral
[iIT14, IX10, PB13a, Pud11]. ideal
[BD14a, CLQX13, CRT14, HRT11, LXY11, LX12, SZH12, SIDG13, YAL+11]. IDEC [NS11a]. identical [CBGK13]. Identification
GF13, GH10, HL12b, HDD14, HKL14, HCS11, HCS12, HW14a, JYHT10, JM12, KKP10, KSR+14, KF12, KL10, KL10a, KLPS14, LT10a, LGP10, LKC11, LY13a, LL12a, LSZ13, LH14b, MRD13, MVS13, MDH+10, MZB12, NTV14, SM11b, SM11c, SSC13, TLZ+11, TH14b, WZ11, WS10c, WYC13, Xu11, YS12a, YFL+13, ZF12, ZF14, CF11a, GCBH10, GCBH13, 


[AA13, BV13, CWL10, GP13, iIT14, MS12, MGN11, Rot13, SM12c, St10, WW14, ADMA13, HK10, HCS11, KF12, PA14, SM11c, SY12b, SCC14, SH1+11, TR12, VXB14, WZ11, WTK14, WS10c, YZ12, YFY12, ZJW12]. 

Improvement [Ren11]. Improvements [PGA11, Nor13]. Improving [GHM10a, LTS+10, FSTY14, GHH10b]. impulse [TR12]. impulsive [Jin12, LSX12]. in-order [KH11]. including 

[CLG13, Gen11, BBC+13, BD14c, DLM13b, Ger12, KM11, MGN12a]. inclusions [Par12b, SBA13, SLC+11]. Incompressible [BHS14a, BHS14b, LSX12, ZMD14, APF13, BMP14, BNN11, Bee11, BD11b, CIJS14, CCK10, CEP12, CP10, CXL14, CB10, CL11b, CJN+13, CDB13, CD212, DLZ+11, DP12, DF14, DS10, DS12, Don14a, Don14b, DK14, EQY13, FW12, FSL10, GLL14, HRK+10, HOK10, HF11,
CTP13, GL12a, Han11, LTS\(^+\)10, LPE\(^+\)11, LKT\(^+\)12, LvZB10, PMMB14].


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, CJLC11, CXLC12, DDM10, DL13a, DL13b, ES13b, FJ10, FR13, GCA13, GJLY13, GH12b, HAD10, KA12, KHJ\(^+\)13, KGK13, KSB14, LE13, LXF10, LLX11a, LYXZ14, MMS11, MOV12, Mie13, Mit13, NKS12, OAXL13, PZTW12, PLT14, SBC\(^+\)14, SR13a, SL10, Sza12, TU14, VCS14, XH10, XX13, YSW\(^+\)13, YSW14, YF11, ZA14, ZKV10, Lip12, MHL\(^+\)14].

kinetic-fluid [DDM10, GJLY13, KA12]. kinetic-moment [GCA13].


Kolgan [Rod12, vL11]. Korteweg [LGE\(^+\)13, YHL13]. Krause [YWS13].

Kronecker [GHD10]. Krook [MWR13]. 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 [MBA14, WL13b, AV13, BMD\(^+\)13, BGR11, BR11, FP12, Ian11, KkvZB14, Ket10, KHHK12, Lan14, LP14a, LLH10, NYM13, NMCZ14, NDB12, RT14, RHXQ14, RA10b, SK12a, San13, SLT\(^+\)14, SK12b, Tok11b, TD11b, TD12b, WS10b, XCL14, ZT13b, ZS13, ZZSQ13, vdVR12b]. Kutta-Legendre [MBA14].

LABSWE [Zho11]. lacunae [PT12]. laden [Bre12b, CD13a, KF12, KB13, MB11, VdMS\(^+\)14, ZF14]. lagged [SS10a].

Lagrange [BCD14, CD13a, RHGT10, Wai13]. Lagrange-remap [BCD14]. Lagrangian [HAQ12, Ald10, AH10a, Atz11, BHS14c, BAB\(^+\)13, BLA\(^+\)14, BGC\(^+\)11, BR12a, BRSS11, BD14b, BB14, CK11, CdCNH14, CS12a, CEP12, CS10, C14a, CS14b, CGMQ14, CDLL12, CSC14, CMS10b, Del11, DL12, DKR14, DF10a, ES13a, GT12, GIQ11, GH12b, GQ13, HLM11, IL11, Ion13,
JZ11, JGZL14, KBS14, KD10, KS12, KS14, LNU10, LGF11, Li13, LHB10, LS10b, LSVW10, LMS+10, MAB+13, MRD13, MVS13, MGV+12, MKB+13, MLBK14, MV13, MHGM14, OS11b, OS14, PRA13, PB14a, QC10, QS11a, QS11b, RSS12, RS11, SSB13, SZF12, Sco12, SYL10, SB12, SP14b, TS12, TBR13, VW14a, VXB14, VMA14, VBCM10, VSC+11, VdMS+14, Wan10, WPP10, WYS12b, WD11, WYC13, XQXC14, ZS14, Zer10]. Laguerre [Sal14].

Lamb [GP13, GD13]. laminar [LH10b, RK14, TAD14, Tyl14, vVVK10].

Landau [JY11, RSS10, SV13, TAT14]. Lane [xLqW13]. Langevin [BRVE12, DCC+13, HT10a, KJC13]. Langevin-like [BRVE12]. Langmuir [MCJ14].

Laplace [BR10b, FCY13, HLW13, SF14, SYL12]. Laplacian [Ost10, TAAS13, TDL10].

large-displacement [MMH12]. Large-eddy [OAK11, BGGW13, BV13b, GW10, KSL10, KSB12, MS14a, McD14b, OL13, dILPC10, dILPCP12, QL11, QL12, RG13, SFCF10, TDL+14, TRL14, VKBK11, WDP+14, WIJ13, XDN+14, YB14, Zho10, CP13a, Den11a, MDH+10, MHHGM14].


Lattice-Boltzmann [CLAL14, MB10a, GWCA14, MD13]. lattices [CCC12, Del14, GM10b, KGKS13]. law [DMT+11, GL14, HLIW11, MN11, DMM+13, PSM11]. laws [BMS12, Bal12b, Bal14, BK14b, CCD11b, CCK13, CDL11, CLS13, DZL1D4, EFT13, Fan14, FCN+13, FC13, GAV13, GPP11, HHS+13, HA14, IDNG13, JS13a, Kri10, KL12c, LRL11, LR12, M5S12, MNS13, MML12, NF12, Par12a, PYK10, QL11, QL12, RSS13, SABH11, SHZ13, TS10, TWSN12, hT10b, XLD+11, XLC14, ZS10a, ZWL+12a, ZWL+12b, ZLCW14]. Lax [CCK13, FY13, GL14, HSZ10, HLZ13, LQ11, TS10, TWSN12]. layer
[AKMD14, BBCH14, BS10a, CCD11a, CVI13, DLC11, DWZ10, Dur14, FL13, KKS13, KBGO13, LH10a, LBT11, LMQ11, MMS13, MBL14, MMIW14, NMZC13, NMCZ14, SF12, SDH12, WQCS13]. layered
[Mit13, YCH+13]. **LVAD** [MNKS13]. **LWR** [BLM+14, SSR+13]. **Lyapunov** [CRK12, CG13a, Leu11].

**M1** [OHF12]. **Mach** [APC11, BFSVC14, CJNS12, DLDL10, Del10, GW10, GVV13, HGSK+13, HKM12, Lee12a, McD14b, MKB+12, MBD13, Mor10, Rie10, Rie11, SRN10, SM11b, YYY12]. **machines** [JFC+13, MMM13]. **macro** [DLNN12]. **macromolecular** [LBRA+13]. **macromolecules** [ORHH13, XFC+14]. **macroscopic** [SS13c]. **macroscopic-gradient** [IF10]. **macroscopically** [PP12]. **MADS** [SRN13]. **Madsen** [OBT12]. **magnetic** [BM13a, EAG14, FMM+10, GLL+11, HH13, KST13, Kaw13, LXY11, LRN13, NLGL14, NL12b, SCB10, Web14, ZJS15]. **magneto** [JFC+13, MMM13]. **magnetodynamic** [GLL+11]. **magnetoelastic** [BWS10]. **magnetohydrodynamic** [Bal10, Bal12b, FM13, HRT11, Jar12, LT12, MLBS14, SCB10, VKBK11]. **magnetohydrodynamical** [BMD+13]. **magnetohydrodynamics** [ASB10, BCP13, Ball2a, BD14a, CRT14, DGT+14, Del13, DFNNRa14, Kaw13, KVM+12, KB14, Lee13, MTSG12, Pri12, SZH12, TP12, WFK11, WKH10, YAL+11, YJK12, ZYS14, Zie11]. **magnetostatic** [LMBB11]. **major** [CM13]. **MaMEC** [vV12]. **management** [TE14]. **manifold** [LRS10]. **manifolds** [LS13c]. **Manufactured** [WCM+14, BHL12b, GAW+14, SHM12]. **many** [AJG+13, EHA14, KKPV12, SD14a]. **many-body** [SD14a]. **many-particle** [AJG+13]. **map** [LBR14, MTAC12]. **mapped** [CCB13, CDHM11, Shy10]. **mapping** [BY11, He13, Phi14]. **maps** [EM12, MPS+14]. **marching** [SlwG10, MCD14a, MY14, RS13a]. **marine** [BPM13, CMG+13, JG13, SF14]. **marker** [DKW10]. **marker-particle** [DKW10]. **Markov** [KSS14, LC13]. **Mass** [PyDrTB+11, vV12, APF13, APGL12, ABS+14, BK12a, BNT14, BRS13, GGH14, GKL4, HSK+15, HHL14, IL11, KJ11, LJX+14, LSVW10, LJJ14, MGJZ10, PP14, SN13a, SM11c, SLI10, SWR11, TS12, Zad11, Zer10]. **mass-conservative** [HSK+15, SN13a, Zad11]. **mass-conserving** [HHL14, TS12]. **Massive** [ARF12]. **Massively** [AJG+13, NIN+14, HOK10, ITO+10, MMM13]. **Massively-parallel** [NIN+14, ITO+10]. **MAST** [AST12]. **MAST-edge** [AST12]. **master** [HLDP14, JU10]. **Matched** [MJ14, CVI+13, Dur14, FL13, GW11, HJK14, KKS13, KAA12, LHL10a, LNL10a, NZ14, SSM14, SF12, Zha10b, ZHL12]. **matching** [CZL10, KIG11, SCIE14]. **Material** [ZMG11, AT13b, BP13b, CW10, CS14a, CJP+14, FGR12, FAY+13, FK14, GMB10, GL12b, GHL14, JLZ13, JH12, KSU13, KBSV14, KGS10, KSL12, KS14, LXY13b, MGJZ10, MMHA+12, SSHT14, SC10, Wan10, XZW11, ZJT10]. **materials** [AJV11, ASGW11, BM13a, DLT11, DF+10, GG13, HBZL14, SSB+12, ZBS12b]. **Mathematical** [SY11b, BBGP13]. **Matlab** [KA13].


matrices [AM13, And10, DS12, SY14a, SHZF12, ZT10b]. Matrix
[Opp13, RJJ10, WIJ13, Boy13, Brüi13, DB12, HP13, HHGC14, HPLS10, HWW10, IFF12, Kim13, LTHS10, LWD13a, LWD13b, LLY11, Liu11b, OM12, SR13c, WT12a, YS12b, SBN12]. Matrix-free [WIJ13, OM12].

matrix-vector [LLY11]. matter [RARO13, RKD14]. matters [LG14].

maximization [AEIT11, EHA14]. Maximum [ZZS13, FLM12, MT13, NMV13, RPA13, Rot13, VL14, QX13, QX14, ZS10a, ZY13]. maximum-entropy [FLM12, MT13, RPA13]. Maximum-principle-satisfying [ZZS13, ZS10a]. Maxwell
[BPM13, PMM11, SCIE14]. mechanical [GP12b, MPT13]. mechanics
[ALS13, ABHS12, GBC11, JHDC10, MNKS13, NP12, NKS10, OLPM14, i14]. mechanism [BRNS13, MZ14, Rie10]. Mechanisms
[RBNS14, BJLR14, Nag14a, Nag14b]. media
[AN14, AST12, BHM13, BCL14, CTP13, C13, CSW14, CL11a, CC12, CSX14, Coa13, DM13, DFVY14, DL10b, DCM11, Dur14, DV14, EGG12, FR13, FJ12, GPCE13, GCE14, GD10, HSK15, HZ11b, HLY11, JS13b, KFOS14, LMFH11, LP12b, LTC14, LW13b, LQB14, LE12, MZ11b, MdVBS13, MSL13, MTD14, MF13, MJM13, MMJ14, NZ14, OJ11, OP10, OK13, PM14, RBB12, RCCC14, dCRCS10, STD14, SKN13a, SG10b, SG10a, SG12a, SG12b, SGS13, SGC13, SHCY13, SYS11, She13, SKN13b, SLC13, SRS13, STD10, TLG10, TLS1, WZ10, WT13, WHT14, WLS14, WSBG10, YD11, YL10, Ze12, ZM14, ZVNM10, ZYHW13, ZHY13, Zha10b, ZT13]. mediated
[ZM10]. medicine [SR13b]. medium [BR12, CB12, CW14a, GCF13, IJZ13, Li10a, RM14, WS10b, WK14, XL13, ZT13]. melt
[KBT12]. membrane [FLM12, JMM13, i14]. membranes
[PRA13, SBA13, WJCG13]. memory [BH13a, NS11b]. Merging [Lip12]. Mesh [DDMMG14, KS11b, AB14, AIX10, ABMT14, AW14, BWC11, BW12, BCK11, BDA12, BUB11, BBPC14, BCW13, CL10, CDF11, CGG12, CXL12, CY14, CMG13, DH10, Del11, DF10b, DZH13, ETW10, FL11a, Fu11, GWCA14, HHL11, HB13, HK10, LSY10, KWS11, KF13a, KG13a, KD10, KG14, LGP10, Lec13, LH10b, LH10c, LN10c, LX13b, LBM14, LDA10, LSL11, LCB13, MAPP13, MP12, MMG12, MMH12, NL12b, NW10, PB13b, PWB14, PHI14, Qua11, RA10a, SVK14, SZF12, SQC11, SY14a, SY14b, 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
meshed [BYCC14]. \textit{mesher} [AKMD14]. \textit{meshes} [ALR11, AGSG11, ABJ+12, BMD+13, BDA14, Bal14, BD14b, BBD14, BC10b, CCB13, Cha14, CZ11a, CRT10, CF11c, CDLL12, CBTR13, DwV14, DLM13c, Far11, FW12, GW13b, GBb+13, GIQ11, IXX14, JLZ13, KWS+11, KS11b, KK10b, KAFB11, KSD12, LRL10, LZ13, LS10b, LSV10, LMBBI1, LM14a, MF12, MN11, MIJ10, MK11, NS11a, Per13, RS14a, SY12a, Sco12, SY11a, SY12b, TD12a, TGRL13, TTD11, TAD14, TR14, WR11, WQCS13, WAM14, WDG10, WGD12, ZS10b, ZZS13, ZZSL14, ZZL+14, ZQ13, ZZSQ13].

\textit{meshfree} [GM14a, PRA13, RPA13]. \textit{meshing} [Cou11, CJN+13, DDF14, KHZ13, Qua11, SPS14]. \textit{Meshkov} [MJ13b].

meshless [DO11a, HCD11, HBM13, KBGRM10, MWP14, OJW10, RR14, SY11b, SPM+13, SY14b, ZTL13]. \textit{meshsizes} [Ge10]. \textit{mesoscale} [DR11, KL12a]. \textit{mesoscopic} [AVKP11]. \textit{metal} [WBC13, JLS+14].

metamaterials [HLYS11, LH14a, OK10, OK13]. \textit{metastable} [ZHW10]. \textit{Method} [CD13b, ILM+13, KLL13, NDV+11, SYJ11, VS11, ZSW10, ZKKF10, AB12, AB13, ABD14, AHA10a, AP11, AP12b, AS14, ASS13, 

\^ABC12, AHS14, And13, AAG14, AAT+14, ADSF13, AFI3, AH10a, AEM13, AOCR12, AM11, BPR13, BSSW12, BLOdV14, BD10b, BOD11, BDMP13, BGW13, BH13b, BB13, BMK11, BMK12, BA10, BvBz+10, BFSVC14, BC14, BBGP13, BKKD14, BK12b, BYYC14, BUH11, BSCML13, BB12b, BV14, Boe11, BS10b, BLR13a, BLR13b, BM10a, BCM+11, BR12b, BOK12, BDLGC13, BM11, BHL12b, BG12, Bre12b, BDKV14, Br13, BGG12, BLR14, BYT14, BL11, CL10, CCD11a, CL14a, CKS14, CP12, CNR11, CLN14, CFCA13a, CFCA13b, CP13a, CPJ11, CD12b, CGM+12, Cha13, CDT13, CTG12, CT13, CEP12, CF10, CP10, CWL10, CFKL11, 

\^CNST13, CS13, CZ13, CLSX14, CAH14, CXL14, CSW14]. \textit{method} [CLX14, CHZ13b, CHZ13a, CTJT13, CPCU13, CW14b, CB10, C11b, CLS10, CL11b, CG11, CGMQ14, CV10, CGS13, CRT10, CDL11, CDLL12, CKN14, 

\^CH11a, CSKP10, CS14, CH14, CC11, CdC12, Cui12, DYYA14, DR11, DH10, DML14, DLL10, DV13a, DNN+10, DLNN12, DM13, DRB14, 

\^DLC11, DLLW14, DwW14, DWT12, DGM13, DP12, DFRNRdIA14, DMR14, DL13c, DvY14, DF114, DF114, DBAV14, DFL10, DLR12, DZL13, 

DB12, DBHBB13, DF10a, DGAH10, DKW14, DWF14, DWZ10, DF10b, DE14, 

\^DZL14, EMK11, EGL+13, EWH13, EAN11, ELM14, EMN14, FDPH11, FN14, FHMS11, FGR12, FT12, Fat10, FRP14, FF13, FL13, FF12, FH11, FY13, 

FR13, FGL14, FK10, FP12, FP14, FSL10, FCY13, FS10b, GAdvVB14, GH14, GT12, GH11a, GHS12, GG10, Gao13, GLS12, GPY14, Ge10, GC11, GCZ13].

\textit{method} [GW11, GG14, GD10, GL12a, GLC+11, GGH14, GP2b, GM14a, 

\^Gra14, GW10, Grip12a, GK10, GWK10, GTC14, GP13, GPP11, GD14, 

\^GXX14, GL114, HM11, HRK+10, HS13a, HP13, HGRB14, HJ11, HKJ11, 

\^HJBB14, HHA14, HR10, Han11, HHS+13, HD13, HBM13, HGW11, HNS12, 

\^HL112a, HLS14, HGM112, 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, Ieh13, iIT14, IX10, IST+12, IXX14, IJZ13, IKO+14, IG14, JMF013, JNM12, JSA14, JYHT10, JMW12, JS13b, JZ11, J LZ13, JHZ10, JW11, JXD14, JWYH10, JZ10, Jin12, JK10, JM10, JG13, JK11, KCG14, KK14, KED+12, KKL10, KKAS12, KLMJ12, KVM12, KH13, KPH13, KR10, KSU13]. method

[KKP10, Kav13, Kea14, KAFB11, KF12, KT14, KG11, KG13a, KMA13, KLP10, KL10a, KLP114, KBGRM10, KBGO13, KSB12, KHJ+13, KMHJ10, KBSV14, KG13c, KL11a, Kri14, KTT13, KG12b, KL12b, KL12c, KBB13, LBC14, LH10a, LDS11, LP12a, LW11, LXM14, LP13a, LT11a, LB12, LRL10, LGP10, LKCY11, Lec12b, LY13a, LB13, Lee14a, LK14, LDM14, LBC13, LTS+10, LPE+11, LKT+12, LSBJ14, LGF11, LLZ11, LH10c, Li10b, LYE10, sLwG10, LTSH10, LCK11, LHY12, LX13a, LXL13, LHY13, Li13, LMK13, LMGS13, LC13, LJ13a, LH14a, LZZC14, LLP14, LX14, LPC13, LGG+13, LSW14, LCE+10, LSE13, LSZ13, LSV10, LMS11, LMBl11, LM14a, LMS14, LRK11, LC14, LLH10, Liu11b, Liu11a, LZV12, LW13b, LS13d, LW14, LCWN12, LM13, LGP14, LMS+10, LLS11, LHV13, LCB12, LBK10, LNN+10, LXX+12, LXS+13, Luo13, LW11, LZZR10, LI14, MGJZ10, ZM11b]. method

[MWP14, MRS14a, MF14, MS10b, MS14a, MK14a, ML11a, MHL+14, MMV+13a, MM13b, Mar13, MMS13, MAMA+12, MSS+14, MJ10, MD14, MRD13, MTT13, Mel11, MS14b, MZ11c, MST14, MBL+14, MDH+10, MBA14, MESV10, ML11b, MTZ14, Min13, MVC13, MZ12, MDM+12, MLBS14, MJ13b, ML14b, NSA11, NTV14, NHE14, NRS10, NPC11c, NLGL14, Nic11, NJ12, NB14, NKS10, NCV10, OAK14, OA10, OHF12, OD14, PBT14, PS12, PZW14, PZG14, PMM+11, PB14, PRA13, PL10, PMS10, PRL10, PS12, PBT13b, Per13, PIN14, Pir12, PI13, PMS12, PBC11b, PA14, PB14b, Pri14, QY12, QC10, QTM+12, RSK13, RBB12, RVB10, RCT11, RTS13, RK14, RP13, RG13, RSL12, RVFK14, RS10a, RSS13, RLJ14, RXQ14, Ren11, RGM13, RR14, RC12, RCvdV13, RWMG11, RPA13, RMD14, RM12, STD14, Sal14]. method

[SS13a, SW11, SB12, SAM10, SS11, SN12, SN13a, SF11, SRS13, SM13, SR13a, SGC13, SHC13, SS10b, SD14a, SM11b, SM11c, Sh13, SSC13, SF14, SH11, SYY14a, SY14b, STH11, SY14b, SL12, SYL12, ST13, SJK11, SR11, SSB+12, SS10c, SKCC10, SCC14, SPF10, SCH13b, SBA13, SS14a, SC11, SY11c, SY12c, SLH+11, SHA11, Sog14b, SBvdV11, Son11, Sou14, SM10, SM12c, SMS14, SAA14, St103, Stu10, SSK+12, SS14c, SdAW14, SL13b, SYY13, SD14c, SY14b, Tak14, TNK10, TK14, Tl13, TM10, TQ14, TP11, TG14a, TF10, TSL11, TDV13, TVE14, TLZ+11, Tit12, TLC11, TL13, TRL14, TE11, TVEC12, TH14b, TBR13, UWB12, VRB10, VP14, VB13, VHG13, VMS11, VMS12, VS14, VM10, VDP11, VHWF13, VdMS+14, Vre14, Wan11a, Wan13a, WWS10, WXZ10, WS10b, Wan10, WW11, Wan11b, WZ11]. method

[WT12a, WSS12, WYS12a, WW13, WZ13, WD13a, WK13a, WLL13, WZG+13, WD13b, WQCS13, WN14, WZQZ14, WLW14, WDP+14, Wan14, WC14a, WP10, WMM10, WRH10, WJTY10, WK13b, WY10, WY11, WC11, WSB10, WZ10, WS10c, WTSZ10, WS11, WLPG11, WJC13,
Methodology

Methods

Metric-based
PZTW12, PTM13, PBC^{+11a}, Par10, PBC^{+14}, PS14a, PS15, Pie12, RVFK14, RJC13, RBN513, RCCC14, RG12, SBWF14, SM11a, SN13a, SMP^{+13}, SH14, Sch13a, SO13, SC13, SSW13, SRS14, SKR14, SN13b, SS13c, SV10, Sza12, TBMH11, TFP13, TS12, VP10, Vre11, WZ13, WZ14, WT12a, WMK13, WSW13, XHF13, XFB^{+14}, YP13, YCH^{+14}, 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, LZF12, LBK10, MGLS12, OLC13, VLM13, VKBK11, WK10, Wan10, YFL^{+13}, YXD^{+14}, ZHW10, AH13a, AL10, AAG14, ACCM12, BWS10, BC10a, BKKD14, BGBR12, BBD11, BHB10, CRS14, CCMG^{+13}, CW14a, CL11a, CMG^{+13}, DST14, DRR12, DL10a, DGAH10, FT11, GSTB13, GJLY13, HNMM10, HG11, HSK^{+15}, HBZL14, HH12b, HH13, HLZ14, HHH13, ICC^{+10}, KBDT12, KL13^{+14}, KEGM10, KKC^{+13}, Kwo14, LRT13, LB13, LLZ11, LYE10, LHY12, LLZ14, LG14, Lip12, LZ10, LYZK14, LP11, LM14b, LMQ^{+11}, MB13a, MCA^{+13}, MBMV13, MBL^{+14}, MF13, MGN14b, NZ14, NK14, OD12, OP10, PLT14, PM14, RG13, RKG14, SG10b, SG10a, SMF^{+13}, SB12, SKt10, TH14a, TTR^{+12}, Tok10, TvdHS^{+12}, VGCMG11, 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, Aia14, AA13, BF14, BDTW10, BS11a, BN14b, BJLR14, BM13a, BDMV11, CIJS14, CD10, CVC12, CNR10, CLSX14, CJP^{+14}, CP13b, CB13, DLM^{+13a}, EWH13, EEE14, FY13, FvdB12, FQV13, FP12, GHM10b, GH11b, GRS14, GP12a, Gr13, Gr10, Gri2a, Ham10, HMM14, HBAP10, HSD11, HLLW11, ISZ12, IWG13, KH13, KVC^{+13}, LXM14, Le12, LTS^{+10}, LX10, LC13, LY14, LE12, MZ11d, MZ14, MJ13a, Mic13, MPPP12b, MPPP12a, Min13, MY14, NMX12, NB13, PBWK11, PR11, PRA13, PB11, RV10, RE13, RPA13, SLGB12, SS14a, TQW14, TPF11, Tatu12, TAT14, iT14, WABI11, WT12b, WMYYG10, Wei12, YWS13]. moderate [MCA^{+13}], moderately [NS14a], modern [YS12b], modes [PBdGP14, RX11, Tan11]. modification [LGP14]. modifications [HT14, MR514b]. Modified [CWC11, SOG14a, SB12, BHL^{+13}, CG13b, Gür14, HG10, HW14b, JKO13, KKS13, KQ11, LCK11, MAD13, SC10, WV14, ZMG11]. modular [MVCFM13]. modulated [IBO14]. modulation [ACB12]. MOF [JLZ13]. moist [MMV^{+13a}, St14]. Molecular [ARF12, LWC10, BB12a, CD12a, CWC11, CLW10, Dadi12, Dav10, DXB^{+13}, GW11, Gen13, GL13, JTH10, JFC^{+13}, KSS14, KMI11, KH11, KIF^{+14}, KAG14, LH13, LB13, LSK11, LYX14, MB13b, PLBR13, PA12, PA14, STC10b, WVP11, ZKM^{+11}]. molecule [HL11]. molecules [Son11]. Moment [TBMH11, AIX10, AHO14, CLSX14, DRR12, GCA13, HPS13, IAM^{+12}, IX10, JSA14, KLMJ12, MRMR12, MT13, MAA11, MAA13, NF12, PA12, UWB12, VLM13, WVPF11, WVF13, XIX14, Yok13, HS13b, WP14].
Moment-Based [WP14]. Moment-of-Fluid [HS13b].
Monte [Den11b, DBO+10, HJBB14, LC13, MSS+14, WPP10, AB13, AJG+13, AKP+12, BDL11, BHM11, BM13, BP13a, Boo11, CRS14, CGP10, CBGK13, DD12, DWL10, DTU12, EMSH14, GCA13, Gen11, GKN+11, HH12b, HH13, JNSA12, KSS14, LWZ+13, MMM11, MOV12, MSS12, MVG11, MJM13, MMJ14, NKR12, NVS13, PBC+11a, QA11, RLJ14, RSFS13, RRD+14, SBC+14, SJB11, Sch13a, SR13a, SD14a, SD14b, SSFM12, SSR+13, SSD+12, TSK13b, WP14, XX12, ZKZ10, ZKKF10]. Monte-Carlo [DD12, ZKKF10].
[LR12, LS10a, LX13b, MF14, MK14a, MS12, MHGM14, Nor14, PBWK11, PvDGvM11, PvDtTB+11, RARO13, STD14, SBN12, SCGE13, SQC11, SWX12, SPF10, SY11c, TVE14, TRL14, UWB12, VF10, WS10b]. multi
multiobjective [ZM14]. multiparticle [HCS+10]. multiphase [BDH13, BHL12b, CG13b, DFVY14, FP12, Fus13, HHL14, JSA14, KG13a, KG12b, LDM14, LHB10, MT14b, OD13, Qua11, SYJ11, Shy10, VDD10a, Vre11, WWZ13]. multiphysical [M¨on13]. multiphysics [BP13b, CNSFD13, TQW14]. 

Multiple [YN10, ZFJ11, AP12a, AV10, ABH+14, BFE12, CB12, GHS12, GCvRK11, GL12b, GHL14, GS11b, GGG+13, HNNM10, HW14b, KSPP10, KL11b, LRT13, Lee12b, Li12, xLqW13, LW13a, Lip12, NMX12, Qua11, RM14, STC10a, SSK+12, YBVD10, WW14]. multiple-cell [Li12]. 


Multipole [DDL13, HW10, HW11, Lee12b, LOG12, LGG+13, LCI4, NN12, PA14, Tak14, ZHPS11, CB14]. multiprocessors [NS11b]. multiquadric [BMK11, BMK12]. multirate [BM10b, SLT+14]. multiresolution [ACG14, dILPC10, PA12, RCW11, RS10b]. 

Multiscale [CEGG14, EGW11, GSTB13, GW11, HHH13, JTT14, KF13b, KLL13, PL14, Ste14, TL13, WPKK12, WMK13, XFC+14, AB12, BLQ14, BGGW13, BA10, BILM14, BDM13, BLM13a, BLR13b, BM13a, BSS11, Chi12, CJ14, DDM10, DM13, EGG12, EGH13, EGL+13, ETW10, GW10, GFK13, GWK10, HJ11, HKJ11, HLSO13, JK10, KL12b, KKC+13, LB13, LLYE10, 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, ZOJR11, ZYHW13, ZHS10, HV13]. 

PNPF10, PGA11, RP13, RHXQ14, RGMC13, RCvdV13, RPC14, SK12a, San13, SVK14, SH14, SSHT14, SM13, Sen13, SSS10, Sha13, SLI10, SR11, SY11c, TWMM14, TY11a, TLO+14, UN13, VQRD11, VT13, Vre14, WW13, XBF+14, XIK14, XH13, ZW10b, ZLH12. near
[Alb10, BdCB11, Boy11, DDA+10, GDY10, Mac10, RKM11, Vre14].


non-conservative [AK10, BD14b, YF14]. non-deteriorating
on-divergence [GCvRK11]. non-elliptic [SG12b]. non-equilibrium
[CVIA10, IAM+12, MM11, PWB+14, SVG13, WYS+11]. non-equivalence
non-hydrostatic [NNS11, UJ12]. non-isothermal [PL14]. Non-linear
[FPN+13, XFB+14, AC13, BD10b, Cap11, DEKBF14, 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, HLY13,
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-staggered [SML13]. non-stiff [CF11a]. Non-uniform
[AM12, ES14, GGG+13, AW14, ABJ+12, CES14, LH10a, LT11c, MBLM10,
SBS11, WLL13, nZSIL14]. non-zero [BCG+13]. nonconforming
[HR10, ZW10a]. non-conservative [CG13b]. Nonequilibrium
[CD12a, GVK10, PPWZ11, SAHS14, ZF11]. nonhomogeneous [BHM13].
nonlinearity [BX12, DYYA14, Vai11]. nonlinearity [CCB12, CC13, JXD14].
nonlocal [BS11a, CM10, GLWW14, HZS12, WHR10]. nonnegative
[BMR14, LHV13]. nonoscillatory [Fan14, ZS13]. nonparametric [CRS14].
Nonreflecting [CT10, JKR14, GS11b, Vai14]. nonreflective [Man12].
nonsmooth [YC11]. nonstandard [EO11]. Nonuniform
[LLH10, FS10a, GC11, CCZ13, 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, CFFK11, Don11, GGD12, SSL13, iTr14].
Novel [FL13, ADSF13, BF13, GVMX14, JNM12, JMW12, LZZR10, TAA14,
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, YYB12.

**number-density** [LHB10]. **numbers**

[CBGK13, CLAL14, HY09, HY11, MCA$^+$13, MGN14a, WW13, vRLPK11].

**Numerical** [AP12a, ĀCB12, ABHS12, BD11a, BTX13, BBCH$^+$12, BFO14, BRS12, BJLR14, BX12, BKW10, BLY10, CCD11a, CWS13, CCMG$^+$13, CM13, CM10, CH11b, CB13, CG13b, CTSM13, DHN11, DDS12, DL10c, FJ12, GDW11, GPS10, GV13, GVH14, GAW$^+$14, Gür14, Har11, HL12a, HBZL14, HZE12, HH12b, HH13, HWW10, JWV12, JWNLI1, JEX10, JPC$^+$14, JZ14, Kat14, KDS14, KJWR14, Khai13, KLP10, KLPS14, Kwo14, LKP14, LCY11, Liu13, LP11, LM14b, LT11c, MB13a, MYM12, NMT$^+$12, OLP14, PPTM13, PE14, SEB12, Tal13, Tan11, Tok10, Tok11a, ULS13, VGCM11, VWP11, Woll2, XST13, YJK12, ZYLK13, Zho14b, Zoh13, ARR13, AR14, AME14, Atz10, ABPSM11, BHB11, BVM14, BCW10, BSSW12, BCZ13, BLM$^+$14, Bér11, BS11a, BBGP13, BR14, BN14b, BRSS11, BS10b, BG13, BHB10, BCW13, CCT11, CIJS11, CFCM11, CX13].

**numerical**

[CGM$^*$12, CGC13, CDT13, CM14, CWL10, CHKT13, CPX13, CSW14, CLL1a, CVA10, CH10, CSM14, CH14, CTS13, CS12c, CGF$^+$13, Dali13, DLDL10, DLGP13, DBAV14, DST14, DFH$^+$10, DWZ10, DBM$^+$12, DE14, DLMI13c, EHI14, EL11, Era13, EC13, FBM14, FNG14, FGL14, FW11, Gao13, hGzSw14, GMT10, GM10b, GKG$^+$13, GV14, GH13, Gui12, GLL14, HG11, HLS14, HVD13, HM10, Hys12, JS13a, JT11, JLB$^+$10, JH12, KL12a, KKP10, KSP13, KL10b, KAB$^+$14, KK10c, KRT14, KL11b, LTC13, LFL11, Le10b, LGH10a, LBC13, LP12b, LTS$^+$10, LEC$^+$10, LHB10, LW13b, LWS14, LMQ$^+$11, LVH13, LW13, MPTK13, Man12, MMS13, MB11, MvB13, MTT13, MS14b, MVC13, MW14, MPT13, MGN13, MGN14b, Nag14a, Nag14b, NM13, OD12, OA10, OLFS13, OBT12, Par10, PBB14, PE10, PS14a].

**numerical** [PS15, PPWZ11, Pri14, Pud11, RTS13, RZ10, RHB12, RB10, RM12, SO13a, SBB13, SNS10, SRSV11, SB14, STH11, SY11b, SJK11, SCS14, SL13b, ST11b, T111, T101, TSL$^+$14, Tan12, TA12, TDV13, TTR$^+$12, TvdHS$^+$12, TE11, TR11, VBVD10, VP10, VP14, VLM13, WFK11, WWX$^+$10, Wan11b, WLI14, WC14a, WRR10, WJC13, WWS$^+$13a, XPO14, Yok13, YL10, ZK13, ZVN10, ZYHW13, ZPF10]. **Numerically** [GKF11, KHJ$^*$13, LS13c]. **Nunziato** [FP12, PZTW12, TT10]. **NURBS** [CXL14]. **Nyström** [BG12, HK14, YHM12].

**OBC**


operator-splitting [WYS12b]. operators [BBC13, BG12, DBZ14, EAG14, FN14, FD11, Hua14, LR11, LB12, LL12b, MA13, Mat14, MAC14, Pir10, SW11, TAAS13, SRS10]. Optical [BFR13, CCC12, DR14]. optically [RGK12]. optics [CKR14, GHP13, GHH14, LBM14, Whi10, WJC13]. Optimal [BH13a, BGR11, BMK11, BMK12, BP13b, CSX14, CDL11, EC13, MAC14, NMCZ14, RSD10, SWR11, TD12b, XS11, AAG14, BVM14, BFR13, BD13, BAG12, DWW14, EM12, FKM11, GLS10, HM13, LL11, Kaz10, LR11, LLJ10, MBS13, Oli14, PSD13, SV13, VSK10, ZMD14, BFO14]. optimality [WFL10]. optimally [NRS10, WA12]. Optimised [GM11b]. Optimization [BPR14, GTSC14, LSVW10, MMM13, Ost10, vDV12b, AJV11, ASK13, BHS14c, BPS14, BRSS11, BRS13, BKV12, CS14c, DLZ11, DWW14, DR14, HA14, LD12, Man12, MNE10, Mé11, Mén13, SAM10, SSS11, SM10, St12, TNK10, TDVG13, WS10a, WDHX10, WKM13, YYY14, YDN10, YD12,
Optimization-based [BRP14, GTSC14, LSVW10, BRSS11, BRS13, Mön13, YD12]. optimize [TK14]. Optimized [LLYE12b, ZY13, BSS14, CR14, GYL12, NDB12, TH14a, VG14]. optimizing [And13]. options [RA10a]. orbital [MIKG12, SP14b]. orbital-free [MIKG12, SP14b]. orbitals [Men12]. order [AB12, AINF13, ANIF14, ALR11, AQ11, ABL11, AM12, AM14, AL10, AMP14, AF11, AN13, ACCM12, ABK12, ABK13, AT13b, ABJ12, BHB11, BMS12, Bal12a, BH12, BNT14, BWC11, BGH10, BvBZ10, BD13, BYCC14, BS10a, Boc11, BWMG14, BK14b, BBD11, BX12, Bret12b, BL10, BL13, BLR14, CIJS14, CYK14, CX13, Cap11, CD10, CDD1b, CS12b, CPCU13, CS14b, CH10, CSX14, CGMQ14, CDL11, CDHM11, CdC12, Dai13, DEH11, DMT11, DMM13, DLGP13, DFNNRdlA14, DL13b, DCC13, DKR14, DAEB13, DRZ14, DCLI11, DSS13, DWZ10, DKA12, DV14, EOI1, EAN11, Fan14, FP11, FL13, FW12, FCY11, FC13, FVR13, FP14, FMM10, Gao13, GNGAS10, GBNS14, Ge10, Gen13, GL14, Ger12, GMC13, GM12a, GH11b, GTW12, Grl12a, GCL13, GLWW14, GH12b, GCH14, GXS14, HH12a, HAMA14, HD11, HDB10, HBRK10]. order [HRCW13, HE14, HWST12, HOK10, HTHG14, HM10, HLT10b, HAS13, HAH14, Hua14, Ide12, IX10, IG14, JNSA12, JZ11, JLI13, KK10a, KLKR10, KLMIJ2, KKS13, KFI13a, Kat14, Kaw13, KVvZ14, KS14, KAFB11, KH11, KEGM10, KVBP14, LH10a, LTC10, LFL11, Le14a, Lcc14b, LPE11, LKLG14, LSBJ14, LG13, Lcr13, Lcr14, LLZ11, Li10b, LXF10, LXX12, LR12, LP14a, LT14, LGLX14, LY13b, LN10b, LM14a, LS13d, LWS14, LGJ14, LM13, LLS11, LL14b, LQ11, Luo13, LB10, MDTC11, MDTC13, MF14, MB12, MAB13, MKGV12, MN11, MIJ10, MTT13, MZ11d, MZ14, MTB10, MT10, Mig14, MF10, MTG11, ML13, MTS11, MAD13, Mön13, MSB14, MF13, MIKG12, MNL13, MWW13, MPT13, NMC14, NPC11a, NPC11c, NDBG14, Nis10, Nis14a, Nis14b, NCKN10, NMT12, OS11a, OS11, PDSS10, PMM11, PGLT10]. order [PVLT10, PGL11, PCF13, PL10, PRL10, Per13, PPWZ11, QLW14, QC10, QSI11a, RV10, RZ10, RA10b, RS11, SRN10, SVK14, SGS13, SSS14, SCHY13, SM11b, SLGB12, SZ10, SQ11, SZH12, SFCF10, SC11, SR11, SYV14, SK12b, Sou14, SN13b, SDH12, SD14c, sSLxRyZ14, SY14b, SIDG13, TS11, TWSN12, TAI11, TK12, TK15, TDVG13, Tit12, TR11, TG13, Tyl14, UKP14, UJvL10, UJ12, VK12, VLM13, VWPF11, VWF13, VQRD11, VC11, VSK10, VSVD11, Wan11a, WM10, WPP10, WYS11, WSYS12, WZSN12, WGX13, WLW13a, WH1a, WAM14, WSBG10, WP14, Wt10, WG14, WYT14, XQXC14, XDZ14, XW14, YL11, YXZ13, YM12, YBY12, ZT13a, ZF12, ZS10a, ZS10b, ZS11, ZS12, ZZS13, Zha10b, ZTL13, ZD11b, ZCW11, ZF14, ZWH12, ZDS11, vHtBCC11, vdVR12a, vdVR12b]. ordered [LCE10]. ordinary [CX13, LCY11, RH13, TS14, WH11]. ordinates [CFW13, GD10, GL12a, GLC11, LTSH10, MM11]. ordinates-spherical
[MWRZ13]. Poisson [Don11, ZD11a, ARR13, AAI10, BH13b, BLTO11, BY11, BHM14, CRS14, CGR11, CCG11, CLM13, DO11a, DDN+10, DMR14, Ge10, GCZ13, GKI3, GM12b, GCH14, GT11, HGM12, HCBCW13, HG11, HT12, JH12, JM10, KTT13, Lai13, LW14, LHMZ10, MRS14a, MS10b, MS11, MNR11, MJK13, MIP13, MGT11, MG14b, MY13, PRI11, PGR10, PSF+14, QS11b, RS11, VCS14, Xie14a, XM14, ZCW11]. Poisson-BGK [DMR14].

[ABJ+12, BMP14, EL11, MY13, RF14b]. **Preconditioning**
[BGHM13, BSS12, HCH+10, NN12, Pie12, BMR14, CBPS13, CCL+14, CST12, FAY+13, Lee12a, RVbZ10, Shu14]. predict [GSTB13]. **Predicting**
[RKM11, CLS10, RJC13, ZCD10]. prediction
[BCW13, CS12c, DMP14, GHM10a, KVM12]. **Predictive** [ECD14].
**Predicate** [CP13b]. **Predicator** [CP13b]. **Predicators** [GDHM11].

**Preface** [AQ11, LPK13]. **Preliminary** [Ste14]. premixed
[CGM+12, CDK12, Bal12a, BSS14, BRP14, BKC+11, BKV12, CWL13, CW13, CCGP13, CdCMH14, CLQX13, CS14a, CS14b, DLNN12, DMR14, FJ10, Fus13, GW13b, GWCW14, GJLY13, GXS14, HPA14a, HAS13, HLLW11, Hua14, JY11, Kaw13, KBS14, KAA12, LP13b, MKCB14, MMR12, MN12, Mie13, OHF12, Par12a, Par13, QS11b, RSD10, RLJ14, RS11, SY11a, SML13, TLO+14, VW14a, VKL+13, VBGM13, WZZZ14, WDG10, WGD12, WWS13b, XQX13, XQXC14, ZS10b, ZS11, ZS12, ZY14, CLM13, DDN+10].

**Pressure** [Hig13, HF11, MKB+12, SS10c, BD11b, CLJ14, CP10, CFDK11, DF14, FE11, KED+12, KFO14, KSS13a, LLP10, MTS12, Min13, Par10, SM11c, SC11, SSL13, SR13d, TM10, Vre14, XPO14, ZGZ10].
**Pressure-based** [CP10, XPO14]. **Pressure-correction**
[BD11b, DF14, SR13d]. **Pressure-velocity** [MKB+12]. **Pressureless**
[YWS13]. **Pressures** [TK12, TK15]. **Preventing** [JH12]. **Prevention**
[NDV+11, SM12b]. **Primal** [XJ14]. **Primary** [KPH13]. **Principal**
[SBT14, Hua14, MZ11a]. **Principle**
[Kol11, SY11a, XQX13, XQXC14, ZS10a, ZS13]. **Principles**
[NMV13, TD11a]. **Priori** [FVR13, LS11]. **Priors** [LMM14]. **Prisms** [BD13].

**Probabilistic**
[Gri10, MPPP12b, MPPP12a, FK10, LTT10, LM13, MPS+14, WZ13, WZ14].
**Probability** [BW14, LX10, LLX11b, VK12]. **Problem**
[Alm14, AS12, AH10a, BMP14, Bal14, BGN10, BB13, BFO14, Boo11, BLR14, BCW13, CFW+13, CLN14, CB12, CRS14, CXZ10, CH10, CV10, CH11a, GW12, GW14, HLS14, IL11, JRTY11, JR12, KL11a, Lee14a, LLJ10, LW13a, LN10b, Mêt11, Môn13, MCDT12, PBC11b, RSK13, Ren11, SV13, Sti12, hT10b, TPA+13, VG14, Vol14, WPK14, WG11, WLPG11, Xic14b, XL11, YL10, YD11, YY10, ZYLK13, RB10]. **Problems**
[YKWS13a, YKWS13b, AB12, AV13, ALR11, AQ11, AC13, AS14, AT13a, APY14, AH10b, AT13b, ABH+14, BF14, BHS12, BHS14a, BHS14b, BSS12, BD10b, BOD11, BMDP13, BvB+10, BN12, BRS11, BdF10, BDM13, BOK12, BDLGC13, BDKV14, BL10, BL13, CBPS13, CCFCM1, CNR11, CYK+14, CTG12, CCK13, CHHL11, CEL14, CR13, CTC12, DMDH14, DDF14, Dg11, DLC11, EGW11, EMS11, EWH14, Era13, EO11, ES13a, FGE11, FGR12, FL14, FJ10, GYL12, GW13b, GLSC12, GC11, GJ14a, GLS10, GLS11, GB13, GB5+14, GHH14, GL12b, GLL+11, Guy13, HP13, HAMA14, Han11, HHS+13, HPS13, HNMM10, HBM13, HWT12, Hen13, HLW13, HSWZ13, HY09, HY10,
HY11, HCH$^{+10}$, HAQ12, Hua14, HF10, HWHW10, Ide12, JAX11, JZ10, Jin12, KK10a, KSn13, KS13b, KO14, Le 14b, LKCY11, LY13a, LH10c, LT12].

**Problems**: [LLW14, LSZ13, LMS11, LMBB11, LRK11, LWS14, LYD10, LN14, LHM14, MWP14, MKCB14, MBR11, MDTC11, MDTC13, MF14, MM10, MK14a, MNR11, MHHGN14, MWW$^{+13}$, MMH12, MV13, NTV14, NL10, NPV14, NW10, NB14, NKS10, NS14b, OS11a, PGR10, PHRG13, PR11, PvPDGvM11, PRL10, QLW14, RCQL11, RA10b, Ric13, RF14b, SKU13, SY12a, SY14a, SSH14, SR13a, SK13, SY11b, SSG11, SKCC10, SCC14, Shy10, SKN13b, SK12b, SA14, SIT$^{+11}$, SDH12, SD14c, SN14, TH14a, TD12b, TA13, UJ11, VBVD10, VRB10, VS14, WYY10, WL13a, WY11, WCV13, WL11, WGD12, ZBS12a, ZBS12b, ZK13, ZF12, ZSW10, Zer10, ZIC11, ZOJR11, Zho10, ZQ11].

**Procedure**: [And10, EH14, FGN14, GW13a, GP13, Her10, KKC$^{+13}$, LCP13, LMZ14, SS10a, TS10, YWL14].

**Procesi**: [NEE12, SBB10].

**Process**: [BZ12, BZKL13, BHBM10, JLS$^{+14}$, KKL10, PYK10, SS13b, SS14b].

**Processes**: [BHM11, BHM13, BCK11, BBAP14, CHKT13, FHL10, HL11, KL12a, LP12b, LHMZ10, MSS$^{+14}$, RJC13, SJB11, ZM14, ZKKF10].

**Processing**: [HJB11, SSK$^{+12}$, AM12, AM10, DMP14, GHH14, Ide12, KHRD11, LSK11, LLL10].

**Processor**: [BGZ12].

**Processors**: [CBGK13, KSPP10, LBRA$^{+13}$, Wit13].

**Profile**: [BGK12, DSZ13, GHDS10, OJW10].

**Profiles**: [CGR11, Ler14].

**Programming**: [BVM14, MNF$^{+10}$].

**Progress**: [LRT13, ISZ12].

**Project**: [Rod12].

**Projected**: [VVK10].

**Projection**: [BB13, BFSVC14, DSH11, GH10, HLY12, KG13b, PB14b, RV10, Ren11, SM11a, SS13a, SSL13, VR14, Wan14].

**Projections**: [KST13, KMSS10].

**Prolate**: [Men12, WZZ14].

**Prolate-collocation**: [WZZ14].

**Proof**: [GF13].

**Propagating**: [LXS12].

**Propagation**: [Li12, AJRT11, Ald10, AF11, ABK12, ABK13, CZ13, CL11a, CH11b, DRZ14, DKM11, FH11, FJ12, FM$^{+10}$, GJ14a, Grl13, HBZL14, JPC$^{+14}$, JKR14, KVM12, KEGM10, LH14a, LT11c, LBR14, RT14, RF14a, SCH13b, Soa13, SLC$^{+11}$, TK14, TH14a, TAT14, Tok11b, TD12b, WSBG10, ZMD$^{+11}$].

**Propellant**: [DLX$^{+13}$].

**Propensity**: [FWLP14].

**Proper**: [DA11, Gri12b, WABI11].

**Properties**: [LKM13, AR14, AT13b, BMCK10, BCM$^{+11}$, BP13b, CS10, CB10, DBH13, FD11, GCL13, HTHG14, LTC13, LKP14, LTL$^{+14}$, LR13, MPT13, OL13, SHT14].

**Property**: [ANIF14, Mie13, MGN14b].

**Proposals**: [OJ11].

**Propulsion**: [BBGP14].

**Prosthesis**: [LS13a].

**Protein**: [EHA14, FCH13, SBA13].

**Prototype**: [HvB11].

**Provably**: [GH11b].

**Proximal**: [AKL$^{+13}$].

**PSE**: [CZ11b, SRS10].

**Pseudo**: [MLM12, PAG11, GG14, GH14, LZC$^{+13}$, Mac10, MLBS14, MMH12, PE10, SCH13b, VHG13, Zha14, vRPLK11].

**Pseudo-random**: [PAG11].

**Pseudo-solid**: [LZC$^{+13}$, MMH12].

**Pseudo-spectral**: [MLM12, GG14, GH14, MLBS14, PE10, SCH13b, VHG13, vRPLK11].

**Pseudo-subcells**: [Mac10].

**Pseudo-time**: [Zha14].


- **Sampled**: The sampling process used in various studies.
- **Sampling**: Techniques used in different sampling methods.
- **Saturated**: Conditions met by the data or system.
- **SBS**: Scalable Block Sparsifiers.
- **Scalar-wave**: A type of wave phenomena.
- **Scalable**: Suitable for large-scale applications.
- **Scaling**: Techniques used for scaling in various domains.
- **Scalars**: Basic units in physical or mathematical systems.
- **Scatterer**: An object that scatters light or other energy.
- **Scattering**: The process by which light or other energy is scattered.
- **Scenario**: A specific setting or context within a study.
- **Scene**: A visual representation of a scenario.
- **Scheduled**: Time-ordered activities within a scenario.
- **Schema**: A structured pattern or plan.
schemes [AINF13, ANIF14, ALR11, Ain14, AN13, ADB14, BK11, Ball2a, BMD+13, BH12, BHL+13, BBC+13, BF12, BR14, BR12a, BK14b, BBD14, BDMV11, CCKCG10, CCQP13, CCD11b, CY12, CS13, CRT14, CDLL12, CP13b, CSC14, CG13b, CMS10b, CLM13, CR14, Dai13, DEH11, Deg11, Del10, DMT+11, DMM+13, DB13, DA14, DZHB13, DKM11, EAN11, Fan14, FNGV14, FJ10, FCYF11, FC13, FMT11a, FE11, FMM+10, GDHM11, Ger12, GMA10, GP12a, GJLY13, GCL13, GK14, GLWW14, GDGP11, GGT13, HHS+13, Hic12, HY10, HAS13, HLLW11, JTT14, JY11, Joh11, JH12, KM14a, Kaw13, KKVZ14, KWJR14, Kim13, KS13a, Kol11, KVBP+14, LTC13, LEM11, Lr13, Ler14, LQ10b, LR12, LZZS13, LY14, LQ11, MC12, Mar10b, MBT10, Mig14, Mön13, MMT14, MT14a, MSB14, Mor10, MPT13, MN13].

Schmidt [AGBC14, CG13a].

Schrödinger [AMDR10, Btx13, CWL13, DBAV14, Don11, GH2a, HZ11a, JYWH10, LQ10a, MJK13, MZB12, QY10, RS13b, RS14b, SSR14, ST11a, SYE10, WXY13, WXG13, WXY14, WJTY10, ZD11a, Zho14b].

Schrodinger-type [AMDR10, Schumann [Liu11b].

Schur [FMT11b, LTSH10, LYD10].

Schur-decomposition [LTSH10].

Schrödinger-type [schur].

Schroedinger-type [AC11].

Scientists [PZ14].

Science [CJP+14].

Scientific [SCIVERSE_APPS [Ano12-35].

Sciiverse sciencedirect [Ano12-34].

Sciiverse_butterfly [Ano12-32].

Scrap [MMW14].

Scrape-off [MMW14].

Screen [BL13].

Sea [CWL10].

Second [ACS14b, GLWW14, HH2a, JRTY11, JKQ13, ML13, Ols11, RA10b, Wit10, ZCW11, AT13b, BH12, BWC11, BvBZ+10, Bre12b, CS12b, CPCU13, CH10, CSX14, DFNNRd1A14, EO11, GM12a, GH11b, GITW12, HSTW12, Hua14, JLZ13, KK10a, KKL10, KSS14, KKS14, KSS1c, KSR+14, KL11a, LKLG14, LWS14, LG14, LM13, Lu13, MDTC51, MDTC53, MF14, MB12, MAB+13, MT10, MTG11, MW+13, Nis14a, Nis14b, PL10, PRL10, SSHT14, SBS11, SAI11, TDVG13, WPP10, WL13a, WG14, ZS13, ZTL13, ZF14, ZWH+12, vHtTBC11].

Second-kind [KS11c].

Second-order [HH2a, ML13, ZCW11, BH12, BWC11, Bre12b, CS12b, CPCU13, CSX14, GM12a, GH11b, Hua14, JLZ13, KSR+14, LKLG14, LWS14, LG14, LM13, MDTC11, MDTC13, MF14, MB12, MAB+13, MT10, MTG11, PL10, TDVG13, WPP10, WL13a, WG14, ZF14, ZWH+12].

Secondary
simulate [DRZ14, FRP14, Ich13, TQW14, WYYK10]. simulated [SHFB12].

Simulating [De 10, GWG14, HZ11b, KL10a, LP12b, MNKS13, NW12, RR14, ACB+13, CD13a, CTP13, FMM+10, HKL14, JCT11, KLMJ12, Liu11a, LPH11, LHMZ10, MAB+13, MCJ14, MRD13, RS10a, SY12c, SM12c, TK12, TK15, VDD10a, VRBZ11, Wei12, WS10c, ZA14]. Simulation [AMDR10, BCL13, CCKCG10, CMS10a, CKD10, FK14, HM13, LZW13, MFM12, MDH+10, MLBS14, NTVS13, PMM+11, SKU13, SBS+13, WYC13, YSI1a, YSI1b, YMI10, Zha10a, ALGB+13, ADSF13, AST12, ABK12, ABK13, AKL+13, BVM14, BPM13, BHMI13, BCC12, BGGW13, BA10, BBC13, BI11, BCD14, BCL14, BPOS12, BJLR14, BHM14, BP10, CDD11a, CKS14, CCFCM11, CD12a, CD10, CBKK12, CDT13, CWL10, CW10, CWC11, CW14a, CPCU13, CWZ+11, CV*13, CGF+13, CBCM+11, DR11, DDL10, DV13b, DD12, DM13, DLM+13a, DWZ10, DL10c, EBGW13, FHL10, FWLP14, FUS13, GLLP14, GAo13, GAC13, GCFJ13, GP12a, GW10, GHM13, GP13, HS13a, HSD11, HRBK10, HL11, HLDP14, HB13, HH12b, HH13, HA11, HCS12, HHL14, HWHW10, HYS12, JNSA12, JTT14, JYHT10, JE11, JLS+14, JK10, JMG13, KH13, KSI10, KM13]. simulation [KF12, KSP13, KH11, KL10b, KO12, KHH13, KA13, KHHK12, KAG14, LFW11, LA10, LCNK10, LBJ14, LHY13, LMZ14, LWZ+13, LFRM10, LZ10, LGH10, MB10a, MSSI13, MCI14b, MTT13, MGLS12, MV10, MJ13a, MF10, NT14, OLI14, OL13, OTV13, OAI11, OLP14, PZ14, PZG14, PGL10, PL14, dLPC10, dLPCP12, PPWZ11, RV10, RG13, RZ10, RRD+14, SBB13, SPS14, SZZ12, SR13b, SZ10, SFCF10, SY11, SO13, SP10, SH14, SCH13b, SW10, SS13b, SS14b, Ste14, SSK+12, SSY13, STC10b, TSL+14, TE14, TD12a, TAY14, TRSM+13, TRL14, UFP13, VDD10b, VBGM13, VSC+11, WPKK12, WWX+10, WDP+14, WK13b, WS14, WTS10, XX12, YSW+13, YSW14, YL10, YJK12, ZYHW13, ZN14b, ZMD14, Zoh13, vRLPK11, RS10b]. Simulation-based [HM13]. Simulations [FSL+12, GCvRK11, MMV+13a, MT14b, Qua11, RGI12, ARR13, AAI10, AHS14, ADT14, AWK+11, AJS+13, AW14, BH10, BCHM14, BB12a, BH11, BN10, BM14, BPL14, BPS14, BSS14, BSML13, BLJ11, BLR13a, Brel12b, BM14, BLY10, CB11, CNR10, CCL+14, CY14, CVIA10, CSK14, CGMQ14, CBGK13, CL13, CSB14, CL14, CGC+12, CMBW13, Dav10, DH11, DD12, DC13, DXB+13, DTU12, DS12, DDK14, DBM+12, ECD14, ES13b, FBMI14, FBM+12, GB14, GV13, GLC+11, GAV13, GK10, Grl12b, GFI13, GDIK10, GH12b, GKS+11, HAD10, HCS+10, HCH+10, Hut14, IFD+12, ILM+13, JLB+10, JMV+12, KSS14, KF13a, KM11, Kca14, KLP10, KIF+14, KLPS14, KSB12, KWH10, KAI2, KHRD11, KG14, KYP+14, KFI13b, KGSS10, KGK13, Lan14, Lap12, LL10a, LY13a, LH10b, LLX11a, LEH12, LC13, LS10a, LT11b, LHB10]. simulations [LBZ+10, LWCR10, LXYX14, LDDDBR13, MHL+14, MMM11, MdVBS13, MOV12, MGN14a, MJK13, MJ14, MMA11, MMA13, MVCFM13, MJ13b, MBGW13, NKSR12, NIS14a, NS11b, OK12, OBT11, PPS12, PAG11, PSF+14, PC13, PA12, PA14, QB14, RSS12, RXLS14, RBNS+12, RBNS13, RRRD14, RPC14, RHGT10, RDHH12, RSFS13, RB10, RBCK10, SNS10,
CTSM13, Dad12, Deg11, DBAV14, DHH11, DFW+10, DTYY14, EL11, FT12, FM13, FWP13, GG10, GLS10, GDW11, GPS10, GKG+13, GL12a, GHJ14, GCH14, HM11, HP13, HGW11, He13, HLS14, HKM12, HOK10, HW10, HZS12, HLW13, IL11, IDNG13, IG14, JKW12, JTH10, Kat14, KBGRM10, KG13c, Kri10, KO14, Le 14b, Lee13, LBCL13, LH10c, LW13a, LLP14, LMK11, LTL11, MZ10, MMV+13b, MA13, MAK14, MM11, MSL13, MY13, MVG11, MJ13b, OK14, OS12, PPB14, PE10, PMSM12, PLN11, Pu11, Re13, Sal14, SVS11, SCY11, SSX13, SR13c, SW13, St10, SP11]. solution [SS14c, Tal13, TWMM14, Tok11a, TE11, Wal13, WMJ13, WLW13b, WG11, WS11, Xie14a, YC11, ZN10, ZBS12a, ZBS12b, ZYLK13, ZTL13, ZPF10, ZMD14]. solution-adaptive [GG10, IDNG13, IG14, MJ13b, WS11]. solutions [AEM13, AH10b, BOK12, BDLGC13, BHL12b, BV12, CJ+14, CM10, DXB+13, EC13, FO11, Gno14, GAW+14, HM10, JHDC10, KS11b, Kol11, KS13b, KG14, KRT14, xLqW13, LHZ10, LHV13, MS11, MP13, MGN10b, PBB14, SR11, SYL10, SYL12, SHM12, SSR14, SP13+13, TCL11, VK12, WCM+14, WC14a, WTK14, WWS+13a, XX13]. solvable [GM11a]. solvated [GK13]. solvation [CBW10, CL13, DXB+13, Zha14]. solve [BR11, CGJ11, GMG12, LLJ10, NLGL14]. Solver [MMJ14, AH13a, ARR11, AAI10, AllNT14, AB11, AB1+14, Bal10, Bal12b, BDA14, BHL12a, BD14a, BL12b, BYCC14, BK12, BL101, Bre12a, BR13, CCT11, Cap11, CMS10a, CK10, CC12, DB13, DMM10, FGZ12, F12, FMT11b, GK13, GMC13, GM12a, GB13, GG13, Gra10, GHL14, Guy13, HGSK+13, HS13, HRCW13, HG11, HMHO13, HPOM10, HHK13, HPLS10, HT12, KB14, KKO13, LP13b, LX10, LX11a, LFLV14, LL12b, LL10b, Mar13, MGN14a, MB10b, MHGM14, MLGN12, NNS11, OR10, OLM14, PCF+13, PB11, Rie11, RB13, SBB13, SV13, SY12a, SY14a, SABH11, SP14a, SL10, SY14a, SYY14b, SSG11, SGL14, TWMM14, TT10, UN13, VV13, VED13, VT13, Vol14, WT13, WHT14, WS13, WP14, YS11a, Yao14, Yn14, YY12, YX+14, ZVMN10, ZCW11]. Solver-based [MMJ14]. solvers [APGL12, AD14, BS14b, BBD14, BL10, EMS11, FO11, JS13a, LL14b, LB10, MCLG14, MCDT12, MG11, MG12a, NTM14, NGV14, OS11a, PG11, PB11, PNPF10, PVDW14, PR14a, SHZ13, SF12, SHM12, SED13, TDU14, WK10, YS11b, dPSS12, vVV10]. Solving [AM11, BWMG14, CT13, JU10, LS13c, MBR11, SSS10, XM14, BHS12, BY11, BK10, BL11, CEGG14, CTG12, CL14b, CW14b, CL11b, CCG11, DMH14, DAEB13, ES13a, EMSH14, GCZ13, GM10b, Gt12a, GT11, HAMA14, HHS+13, HHGC14, HWW10, HSWZ13, HAS13, JC13, JW11, KU13, Kha13, LPE+11, LKT+12, LZL11, LTSH10, LLRL11, LT12, LR12, LD14, LSE13, LL14a, LWS14, LB14, LMD14, LMM13, MS14b, MM12, M6n13, NJ12, PDZ+14, PVL10, PGL11, PRL10, Pir12, QY12, RM12, SS11, SML13, SKCC10, ST11a, SYE10, SIT+11, TDVG13, TY11a, VMA14, VBCM10, WLW13a, WP14, XLD+11, XL14, XJ14, YAL+11, YO11, YXZ13, YK12, ZMQ13, ZTG+13, ZYS14, ZL12, ZCS14]. Some [GCW14, LWS14, XH13, CHHS11, JS13a]. sonic [AL10, PMM+11].
Sørensen [OBT12]. sound [KVM12, SM11b]. Sounding [HMOH11]. soundproof [SKW14]. Source
[BCBM12, BCB12, CD12a, CEK14, CM10, HQL+10, LHB10, LQ11, LBS10, MPS+14, MAD13, MCDT12, MGN10b, MGN12a, Nis12, NF12, RF14b, WSYS12, WKMJ13, YKWS13a, YKWS13b, ZS11, ZMD14]. source-and-sink [CD12a]. Sources [LKCY11, CB12, CG13b, FJ10, KNR11]. South [OMCO14]. Space [AS14, SBvdV11, AJ14, BBC+12, BB12b, BL13, BTY14, CP13a, CB14, CRS14, CXLC12, CH10, CKR14, DBM+12, DZH13, FL11a, GAvdB14, hGz13, GG14, HPA14b, HBM13, HL12a, ITO+10, JK10, LE13, Lap12, LSW14, LS13d, MWP14, MK14a, MdVBS13, MST14, MY13, NIN+14, NB13, Phi14, QY12, RSS13, RC12, RCvdV13, Rot13, SHR13, SSS11, SAHS14, SSR14, TH14a, TA12, TAAY14, TvdHS+12, TD12b, TTD11, UGkM13, WYYK10, WXY13, WD13a, WD13b, WD14, WXY14].
space-filling [MWP14]. space-fractional [MY13, WD13a, WD13b, WD14]. Space-time [AS14, SBvdV11, DBM+12, DZH13, FL11a, GAvdB14, LSW14, MST14, QY12, RSS13, RC12, RCvdV13, SHR13]. spaced [BH13c].
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-state [NEE12, VED13, WD13b]. steadily [LS14].

steady-state [NEE12, VED13, WD13b].

steep [JMGN13].

steepening [SHA11].

steepest [WJC13].

steered [AM10].

Stefan [BGN10, LYD10, PGR10, PHRG13].

Stefan-type [PGR10, PHRG13].

stellar [FSL+12].

step [AKP+12, BBG+11, CJN+13, DWL10, FGLB14, GDM11, JTT14, KN14, KS12, LCK11, LLH10, DMBR13, MHGN12, NNS11, OM12, Par12b, QL11, QL12, RB10, RM14, VL14, WZG+13, YKWS13a, YKWS13b, MHGN14].

Stephen [ZS15].

step-length [BHM11, BHM13].

stepp [AB11, DS12, FP14, HRBK10, KA13, Kri10, LMGS13, MBA14, SK13, TAAY14, ZMQ13, AAT+14].

steps [Lee14a, LP12b].

step-size [CTP13].

stiff [AV13, AB13, CF11a, FJ10, Gui12, Har1, NS14a, WSYS12, YR13, YKWS13a, YKWS13b, YKWS13b, MHGN14].

Stokes [Atz11, BM13b, FSL10, GM14b, HW14c, MAK14, PWK11, Sti12, AP12a, AB13, ACG14, AP11, AA13, Atz10, BCK11, BKW10, BH13c, Cam13, CHZ13b, CHZ13a, Dad12, Dav10, DW11, DO11b, EWH13, ERS14, FHL10, FM13, FWP14, GHM10a, GHM10b, Gri10, Gri12a, Har1, HHGC14, HJZ14, JAX11, JNX13, JTH10, JEU11, KKV12, KL14a, KG13b, KF13b, LHH14, LG14, MZ10, MZ11a, MZ11b, MPWK13, ORHH13, PBB14, PIN14, PHSA14, PL12, RWW11, RNT12, SAM10, SSI4c, ULS13, Val14, VDD10b, VK12, WZ13, WZ14, WI13b, WI13a, YCLK12, YK13, YR13, ZYLK13, ZT10b].

Stokes [HW11, KR12, LG+13, AB11, AT13b, ABPS11, BK11, BSSW12, Be12, BNNW11, BN11, BN14a, BGHM13, Boc11, BR12b, BOK12, BCL10, CVN13, CMS10a, CJNS12, Cha1, CFKL11, CXLF14, CLS10, CDK12, CH14, CST12, DLZ+11, DHH11, DAA11, EH13, FW12, FL11a, FMT11b, GL14, HL12a, HOK10, HHK13, HM10, HKL14, HF10, JM12, KJ11, KST10, KR10, KKP10, KF13a, KS11c, KG13c, KRT14, KL11b, LBC13, LJX+14, LX10, LL12a, LT10b, LN+10, MBS13, NPC11c, NOT14, NDBG14, NCK10, NEE12, OAI10, OR10, OLC13, OS12, PBT14, PVLT10, PGL11, PNFP10, PGA11, RP13, RHXQ14, RGMC13, RCvdV13, RPC14, SK12a, San13, SVK14, SH14, SSHT14, SM13, Sen13, SSS10, Sha13, SL10, SR11, SY11c, SG13, SW13, TWMM14, TY11a, TLO+14, UN13, UGF14, VV13, VQDR11, VT13, Vre14].

Stokes [WW13, WK13a, WX14, Wil13, XFB+14, XIIX14, XH13, ZW10b, ZHL2].

Stokeslets [BM10b, BM11]. stopping [DFVY14]. storage [Ket10, NDB12, WT12a].

straight [Gri13].

Straightforward [LFL11].
strand [KWS+11]. Strategies [MM12, BP10, Har11, RBS12, SKN13b].
strategy [BRP14, CD13a, DHH11, DBM+12, HL12b, Par12b, PVLT10, PMF13, RE13, SPM+13, ZMQ13]. stratified
[ABPSM11, DFNNRdlA14, FMM+10, MMV+13b, MTD14]. Strattonovich
streamer [BRP14, CD13a, DHH11, DBM+12, HL12b, Par12b, PVLT10, PMF13, RE13, SPM+13, ZMQ13]. stratified
[ABPSM11, DFNNRdlA14, FMM+10, MMV+13b, MTD14]. Istanbul
PPWZ11, WL11, ZGSZ10]. thermal-solute [GMG12]. thermalization [RRC14]. thermally [BMP14, CH11a, CLAL14]. thermo [ML14a]. thermo-elastic [ML14a]. thermoacoustic [WIJ14]. thermocapillary [LZ12, LVZK14, MB13b]. thermochemistry [CGC+12]. thermodynamic [GK14]. thermodynamically [FGN14, LG14+13]. thermomechanical [Han11, LG14]. thermostats [Dav10]. thick [RGK12]. Thickness [CY14]. Thickness-based [CY14]. thin [ACB+13, CY14, DLC11, FGE11, GF13, LT10a, LW11, LHM14, MB11, Par12b, SP14a, WJCG13, YTYJ12]. **THINC** [IST+12, IXX14, SX14, XIC11]. Third [VQRD11, DAEB13, DCL11, HAH14, Mat14, Nis14a, Nis14b, WYT14]. third-order [DCL11, Nis14a, WYT14]. Three [AH13a, CNR10, CGC+12, DDF14, GCFJ13, HCS12, Kau10, dCRCS10, SSB13, Ald10, AN14, ADMA13, ASK+13, AKMD14, BK14a, BL11, BR12a, BBPC14, BL13, BLR14, CWS13, CTG12, CM14, CLSX14, CCY13, CCL10, CCG11, DB12, DKW10, FQV13, GH11a, GHS12, GG10, GMC13, GD13, HWT12, HCL14, HCH+10, IDNG13, JLZ13, JGZL14, JRTY11, KSS13, KL10b, KG12a, KLPS14, LP12a, Le 14a, Le 14b, Lee13, LJJX+14, Li13, LJK11, MMA13, MF13, OD14, RW13, SCIE14, SYJ11, SS14a, Tak14, TD14, TTD11, TP14, VRBZ11, WCM+14, WZ11, WD13a, WD14, WLW14, WC11, Wil13, WS10c, WC14b, XHF13, XJ14, ZFH14]. Three-phase [dCRCS10, Li13, MF13]. thresholding [HW14c]. throughout [BD14c]. **TianHe** [XZ10+14]. **TianHe-1A** [XZ10+14]. Time [AH14, BDA12, CL11a, CRK12, FWP13, GvdSVK10, GH12a, KA13, LFK11, LX14, LS13d, LDDBR13, MK14a, MSL13, MHGN14, NZ14, RH13, SG10b, SG10a, Soa13, ACG14, Abr10, AVKP11, AB11, AS14, AME14, AF11, AWK+11, BLM+14, BCM12, BCB12, BN12, BDTW10, BLM11, BBAP14, BSCML13, BBF12, BB14, BM10b, Brui13, BHY14, CP13a, CdCNP14, CHZ13b, CHZ13a, CH10, CLS10, CGMQ14, CP13b, CWZ+11, CVT+13, CG13a, CJN+13, Cui12, DYYA14, DLC11, DVL10, DCC+13, DFL10, DS12, DL10a, DZ13, DBM+12, DZHB13, Dur14, EAG14, FL11a, FGBL14, FP14, FCY13, FWL14, GB14, GAVdVB14, GNGAS10, GBN14, GDHM11, GV14, GB+14, GH14, GAV13, GP12b, GS11b, GGG+13, HPA14b, HNM10, HB10, HL12a, HBZL14, HRK10, Hen13, HJK14, HSD12, HK11, HW14b, Ide12, JMF013, K10a]. time [KKS13, KN14, Kri10, LKM13, LCNK10, LP12b, LKLG14, Leu11, sLwG10, LCK11, LHY12, LMS13, LLP14, LT14, LJ13b, LSW14, LH10, LHR10, LBR14, MF14, MM10, MdVBS13, MS14b, MBML10, MST14, MBA14, Mon13, MY14, MHGN12, NPC11b, NIN+14, NL13, NNS11, Nor13, OLFS13, Ols11, PL10,
PGA11, QY12, QL12, RSD10, RK14, RSS10, RSS13, RGM13, RBN5+12, RBN513, RC12, RCvdV13, RA10b, RM12, RM14, SBWF14, Sal14, SNS10, SHR13, SD14a, SK13, SLGB12, SSR14, SBvdV11, ST11a, SW13, SP11, Ta113, TH14a, TA12, TD12a, TAA14, TEY13, VV13, VMS11, VL14, Wal13, WD13a, WW14, WGI1, XJ14, YAL+11, YDN10, YCH+13, ZD10, ZFH14, ZMQ13, nZzSlL14, Zha14, ZMD+11, AAT+14.

time-accurate [GH11b, HK11, MF14].
time-convolutionary [ZD10].
Time-dependent [GvdSVK10, LFK11, MF14].

Time-domain [ZD10].
Time-differenced [LKM13].
Time-domain [ZD10].

Time-independent [MSTL13].

Time-invariant [LJ13b].

Time-lapse [BLM11].

Time-marching [sLwG10].

Time-parallelized [RBNS+12, RBN513].

Time-propagation [AF11].

Time-splitting [LX14, PGA11, Sal14].

Time-step [LDDVR13, CDB13, DWL10, LLH10].

Time-stepping [KA13, AB11, DSI12, HRBK10, Kri10, LMGS13, SK13, ZMQ13, AAT+14].

time-varying [CLS10, YCH+13].

Time-invariant [LJ13b].

Time-lapse [BLM11].

time-parallelized [RBNS+12, RBN513].

time-propagation [AF11].

time-reversal [VMS11].

Time-space [LS13d, HLI12a, TH14a].

Time-differenced [KLM13].

Time-domain [ZD10].

Time-independent [MSTL13].

Time-invariant [LJ13b].

Time-lapse [BLM11].

Time-marching [sLwG10].

Time-parallelized [RBNS+12, RBN513].

Time-propagation [AF11].

Time-splitting [LX14, PGA11, Sal14].

Time-step [LDDVR13, CDB13, DWL10, LLH10].

Time-stepping [KA13, AB11, DSI12, HRBK10, Kri10, LMGS13, SK13, ZMQ13, AAT+14].

Time-varying [CLS10, YCH+13].

Time-invariant [LJ13b].

Tip [GMXG14].

Tire [VSC+11].

TLM [TRSMM+13].

TOKAM [TGT+10].

TOKAM [TGT+10].

TOKAM [TGT+10].

TOMO [TGT+10].

TOMO [TGT+10].

TOMO [TGT+10].

Tomography [BFR13, GJ14a, HQL+10, LHH14, LDN+10].

Topography [BFR13, PMM+11].

Topographic [FMT11a, Ion13, JTT14, LT11a, MGN13, YC11].

Topological [Par12b, CNR11, NW10].

Topologies [LS13c].

Topology [DLZ+11, YYY+14, CZ11b, DWW11, TNK10, ZZ10].

Toroidal [KWH+13].

Toroidal [KWH+13].

Toroidal [KWH+13].

Total [KHHK12, LLYE12a, BDM13, KBS14, OS14, VMA14, YL14b, dCRC10].

Total-variation-diminishing [KHHK12].

TR [EMK11].

TR/BDF2 [EMK11].

Tracer [EN14a, EN14b, HLM11, LNU10, WD11].

Tracers [GM11a].

Track [KS13b].

Tracking [APF13, AK14, Ald10, BW13, BR12a, FL14, Her10, ID10, KT14, LTC10, LW11, MS12, NW10, Qu11, RZ10, RR14, Sam14, SN13a, STG+10, UMG13, VF10, WWZ+13, W10].

Tracking [NW10].

Tracking [TVEC12].

Tracking/Lagrangian [Her10].

Track [PGA11].

Tractions [KS11c].

Traffic [WSW13].

Trains [IBO14].

Trajectories [BBC+13, LTC13, LRS10, LSK11, Mar10a].

Trajectory [HCP10, NVS13, CSC14].

Transducers [HVD13].

Transfer [BR13, Boo11, CGG12, DTC12, ETW10, GL12a, GGH14, GSI11a, HS13a, HMMS11, IL11, IF10, JYHT10, KKVZ14, LNX10b, MB13a, MH10, NTV14, OHF12, PBdGP14, RCC14, SRS14, SD14c, W11, ZYT13, ZTL13, WP14].

Transform [HW11, JHF10, LQ10a, RS13b, RS14b, Boy10].

Transformation
[BPQO13, BHB11, BVM14, BH13a, BGW13, BA10, BGM12, BM13b, BH13c, CFA13a, CFA13b, FL14, Fus13, GG10, GHM10a, GM11a, GW10, HHH13, JK10, KH13, KSL10, LBC14, LTC13, LDS11, LSBJ14, MJ13a, Nag14a, Nag14b, OAK11, PP14, RG13, RBNS+12, RBNS13, RS10b, SBB13, SFCF10, SRS14, TRL14, TAD14, Ty14, VX14, WPV11, YYYB12, vDS12]. Turing [GMT10]. Turkel [AGBC14]. TVD [BR14, QL12].
twist [OLC13].
Two [BBG+11, DTG+14, Du11b, GK14, HY10, JGZL14, PZ10, RDHK12, WABI11, YT12, ZWL+12b, ABL+11, Ala14, AK12, ABM12, ABMT14, Bal12b, BD14a, BG10, BW13, BILM14, BYCC14, BCM+11, BRS10, BHY14, BD14c, BTY14, CBKK12, CTG12, CRS14, CSM14, CS10, CS14b, CZ11b, CL11b, CTS13, Cui12, DYYA14, DF14, DS12, Don14b, DGF14, ES10, FGR12, GM10, GT12, GJLY13, GL12b, GHL14, GVV13, GW14, GIQ11, HZ11a, HR10, HLLW11, IJZ13, JCC14, JZ11, KCG14, KS11a, KT14, KLP10, KK10c, KL11b, LP12a, LP13b, LBT11, Lec14a, Li10a, LX13a, LXL13, LW13a, LRR13, LW13b, LP11, LHPH11, MB13a, MF14, MB12, MAB+13, MF12, MB11, MNF+10, Men12, MTZ14, MW14a, MY13, ML14b, MM13, MM14, MG10a, MG11, MG12a, NKF14, PB11, PZTW12, PE10, PBM11, PS14a, PS15, QB14, RBB12, RVB10, RE13].
two [RB13, RNT12, Sam14, SF11, SGS13, Sha13, ST13, SY11, SX14, SHA11, SHA12, SBvdV11, Skt10, SMS14, SS14c, TSLV11, Tok11a, TT10, TL13, UGM13, VP10, VP14, VMA14, VBCM10, VSC+11, VV14b, Wan13a, WW11, WZ11, WSS12, WZSN12, WGX13, WQCS13, WC14a, WMYYG10, Wol12, WS14, WS11, WT14, XYL12, XR14, YS11b, YZX14, Yin14, ZHW10, nZzS11, ZYHW13, ZHY13, ZK10, ZHS10, ZWL10].
two-center [LP12a, Men12].
two-component [MTZ14, ZK10].
two-density [ZWL10].
two-dimensional [YT12, ZWL+12b, Bal12b, BD14a, BG10, BILM14, BYCC14, BCM+11, BRS10, BHY14, BD14c, BTY14, CBKK12, CRS14, CS10, CS14b, CTS13, Cui12, Du11b, GM10, GIQ11, KS11a, KLP10, KL11b, LX13a, LXL13, LW13a, LR13, LW13b, LP11, MB12, MAB+13, MNF+10, MG10a, MG11, MB11, PZTW12, PE10, QB14, RVB10, VMA14, Wan13a, WW11, WZSN12, WS14, WS11, WT14, YZX14, Yin14, nZzS11].
two-dimensions [JZ11].
two-equation [WMYYG10].
two-fluid [CZ11b, DF14, DGF14, GVV13, KK10c, NKF14, SBvdV11, SK10, 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, Ala14, ABM12, ABMT14, BW13, CSM14, CS11b, DS12, Don14b, FGR12, JCC14, KCC14, KT14, LP13b, LHPH11, MB13a, MF14, MW14a, PZTW12, PBM11, PS14a, P15, QB14, RBB12, RB13, SF11, SGS13, SX14, SHA11, SHA12, TSL11, TT10, TL13, VP10, VP14, VBCM10, VSC+11, WSS12, XYL12, XR14, ZHW10, ZYHW13, ZHY13].
two-point [ML14b].
two-fluid [BM13a].
two-scale [RE13].
two-sided [MY13].
two-stage [IJZ13].
Two-step [BBG+11].
two-steps [Lec14a].
two-way [DTG+14, Sam14].
type [AMDR10, AM11, CHHL11, Del10, EEK14, FY13, FP12, HLT10b, KDS14].
KO14, LT11a, LTCN13, LT14, LM13, LHV13, PGR10, PHRG13, RT14, SV13, TT10, Tok11b, WLW13a, WW14, WI13a, ZzS11, ZQ11, ZZSQ13. **type-II [SV13].**

**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, ERS14, JEX10, JNX13, KL14a, LBR14, MPPP12b, MPPP12a, PGLK14, WI13a]. **unconditional** [BRVE12]. **Unconditionally** [MY14, SHR13, BCP13, BL10, DS10, GH11b, LGF11, LB10, MAD13, TD12a, ZFH14]. **undulatory** [YS11a, YS11b]. **unequal** [Ge10]. **unidimensional** [OK12]. **Unified** [LVFK14, LYXZ14, SMP+13, BBGP13, CXLC12, GHS13, Mie13, RTKS10, XH10]. **uniform** [AM12, AW14, ABJ+12, Boy11, CD12a, CES14, CLSX14, ES14, GGG+13, LH10a, LT11c, LFW11, MBLM10, MBGW13, SBS11, WLL13, nZzSL14]. **uniformly** [Luo13]. **uniqueness** [SP11]. **unit** [Hel11a]. **Units** [SSK+12, GHH14, KHRD11, LSK11, 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, BGHM13, BSCL13, DLZ+11, EH13, GCL13, IH13, KKvZB14, LDS11, LGC13, LLP10, LvZB10, MHIGN14, MGN11, MLGN12, MGN12b, PC13, Sen13, STH11, SFWP10, SM10, XW14, YDN10, YP13]. **Unstructured** [CVC12, ALR11, ABD14, AIX10, AGSG11, BDA14, BMN14, BYCC14, BV14, BD14b, BBD14, BC10b, CCKCG10, CZ11a, CRT10, CBTR13, DCL11, DLM13c, EZ10, Era13, FB11, GMB10, GCA13, GBB+13, GP12a, HL10b, IXX14, IKO+14, JLZ13, KS11b, KDS14, KAFB11, KD10, Lan14, LRLL11, LR12, LZ13, LSV10, LM14a, MF12, MB12, MAB+13, MJ10, MGNI4a, PB11, PYK10, PVL10, Per13, RS14a, SGS13, SCGE13, SY14a, SY14b, SSM10, SR13c, SSW13, Son11, SS10c, TF10, TLO+14, TTD11, TAD14, VMA14, WR11, WAM14, XIX14, ZN14a, ZN14b, ZQ13, ZZSQ13]. **unstructured-mesh** [SSW13]. **unstructured-meshed** [BYCC14]. **untangling** [TGRL13]. **Untilted** [SG12b]. **update** [RLPM12]. **updates** [MMH12]. **upon** [HKL10]. **upsampling** [DD12]. **Upwind** [BH12, RF14a, SST10, BF12, BSS14, HY10, HWA10, JTXZ12, MHGN12, Mur10, PBWK11, Rie10, SHCY13, VQVD11]. **Upwind-biased** [SST10]. **upwind-schemes** [Rie10]. **upwinding** [TLNE10]. **UQ** [NV14]. **Use** [Ide12, CHC11, DMP14, GD10, HLW13, KM11, KGKS13, MD13, Mar10a, dLPCP12, ZPGO10]. **used** [NB13]. **uselessness** [Boy10]. **Using** [Gon10, LA10, SJ10, ABD14, AH13a, AHA10b, AJ14, AA13, ADT14, And13,
AETT11, ABK12, ABK13, AEM13, BGGGS11, BA10, BFO14, BN12, BS14b, BFE12, BSB14, BX12, BHL12b, BGG12, Cam13, CGM+12, Cha13, CGG12, CP14, CCC12, CLG13, CSK13, CF11c, CH11a, CCLV10, DL12, DCC+13, DJY14, DAEB13, DCVM11, EGW11, ES10, EQYF13, ELM14, ERT10, FT11, FMT11b, GMB10, gGzmSnZ12, GW11, Gno14, GBB+13, GLC+11, GHH14, GWG14, GIQ11, GMXG14, HdcNT12, HBZL14, HMHO13, HZS12, Hut14, iIT14, IX10, JMV13, JYHT10, JLS+14, Jn11, JMG13, KM12, KJ13, Kha13, KSPP10, KSP13, KJC13, KMHJ10, KG1W13, LRL10, LCNK10, Lee12b, LCK11, LC13, LZC+13, Liu11a, LZV12, LHPH11, LBR14, LCB12, MB13a, MBR11, Mac10, MOV12, MTT13, MOSW12, MNF+10, MTG11]. Using [MTS+11, MZB12, MDM+12, MLBS14, MY13, NTV14, NS14a, NMT+12, NB14, Nor13, Ols12, OLC13, OPLM14, PDSS10, PB11, PMM+11, Phi14, PbdGP14, PBC11b, PM14, Qaa11, QA11, RBB12, RCW11, RHB12, RA10a, RR14, RS13a, RDHK12, RBCK10, RS10b, RG12, Sal14, SNS10, SAM10, SY14a, SSS10, SCGE13, SZ10, SYL12, ST13, SHM12, SCh13b, SFWP10, SC12, SPM+13, SRN13, SS14c, SDH12, TK12, TK15, TEl14, TBMH11, TS12, VHF13, VT13, Vol14, WK10, WSS+13a, WTDC13, XFB+14, YYY+14, YM14, YM10, YX+14, ZD10, ZYW13, ZY13, ZQ11, ZZSQ13, vydCNS+10]. Utilizing [SAHS14, UJ12].

vehicles [CRS14]. velocimetry [HMM+10].
velocity [Min13, NCKN10]. Velocity
Vlasov
[ARR13, CCZ14a, CCZ14b, CGMQ14, CMS10b, CLM13, DDM+10, DMR14, GCH14, GQ13, HGMM12, HB13, MRS14a, MRA11, MRA13, PSF+14, QC10, QS11b, RS11, SS10d, TTR+12, TBNT11, VCS14, WO12, XQXC14, YF14].
VLPI [TP14]. VOF
Volterra [HHGC14, ZN10]. Volume
[AGBC14, KLL13, SGW10, SC10, AI10, ABS+14, BFSVC14, BD14b, BBD14, BHL12b, BDKV14, CCKCG10, CVC12, CHKT13, CRG13, CLSX14, CDL11, CDHM11, CC14, CMG+13, CJ14, DM13, DCL11, DZH13, DM11, FGR12, FS10a, FE11, FMM+10, GDHM11, GDWP11, GX14, HJ11, HK11, HRB10, HMHO13, HM10, Hu13, HAQ12, IX10, IDNG13, JMW12, JTXZ12, KCG14, KKS12, KDS14, LP13a, LR12, LRB14, LS10, LPHP11,
wavelet-adapted [HRBK10]. wavelet-adaptive [LX14]. Wavelet-based [DV13b, vydCNS+10, dlLPC10]. wavelets [dlLPCP12, YXZ13].

wavelet-based [DV13b, vydCNS+10, dlLPC10]. wavelet-adapted [HRBK10]. wavelet-adaptive [LX14].

wavelets [DV13b, vydCNS+10, dlLPC10]. wavelet-adapted [HRBK10]. wavelet-adaptive [LX14].

wavelets [DV13b, vydCNS+10, dlLPC10]. wavelet-adapted [HRBK10]. wavelet-adaptive [LX14].

wavepacket [QY10]. waves [AH13b, BDT10, BCL13, BX12, CT10, CGJ11, CVI+13, FGE11, FT11, GAvdB14, GKS+11, JLB+10, Li12, LGLX14, LXS12, LP11, LM14b, ML14a, MMBV13, MTT13, NVS13, NvdVB13, PDZ+14, PS14a, PS15, RW13, SG10b, SG10a, SM12c, SMS14, SC12].


Well [DLM13b, FMT11a, KM14a, MPT13, BF12, DLGP13, DLM13c, FMM+10, LGLX14, RNT12, WYS+11, WZZ14, Xin14, DMMGM14]. Well-balanced [DLM13b, FMT11a, KM14a, MPT13, BF12, DLGP13, DLM13c, FMM+10, LGLX14, WYS+11, Xin14, DMMGM14]. well-conditioned [WZZ14]. well-posedness [RNT12]. Weller [JM10].


XFEM [KBSV14]. XFEM-AC [KBSV14]. XTOR [LL10b].

Yamakawa [LGG+13]. Yee [BWC11, BWC13, KGKS13]. Yee-lattices
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Anonymous: 2010: ICCr


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