Title word cross-reference

+ [MC07b]. 1 [BBDE05, BWLM09, DH07, Hor02, JBHK08, LC06a, LLIK01b, LW07, Mac07, RMF08, VBL07, vDZ06]. 1 + 1 [VWW04]. 1/n [Boy09]. 1/ν [SKK+08]. 1/r [HB05a]. 1000 [PWS+02]. 10⁷ [MT03]. 13 [GE07]. 2 [AV05, AMXL09, BMN07, BCE+09, BRC+09, BBvdV06, Ber06b, BMQS02, CD03, CJSS08, CGMS06, CidHST08, CBKM00a, CBKM00b, CK03, CL00b, DS06b, DH07, Eld07, ES06, EKP06, GS05a, GS06a, GH03, GHB03, GKL03, Gui03, GLLX08, HWL08, HH01, HS08c, JHSZ07, KB04, KPP09, LGP09, LDN04, LS00, LC03, MP07a, Meh04, MAL09, OJW06, PAD07, PCP08, PVPS09, Rom02, Rom07, RFVP09, RW03, SROChPF05, SA09, TS02, VGS04, VL07, VGZB09, WM09, WFC09, WZ09, XMT06, YM07, YJF+06, ZZ01, Zha02, ZK05, ZJW06, ZJWC08]. 2 + 1 [Wan04a]. 2.5 [CTT08]. 25 [UL06]. 3 [AFGM07, Alb00, ASQR06, AMXL09, ALGM01, AQ00, BM02, BO05, BM06, BWLM09, BPO07, BPL06, BGS08, CD04, CWJ07, CP04c, CGN+07, CBB01, CLL+07b, CJ07, CL00b, CP04c, Dar02, DBF08, DGP00, DB04, EHST03, EKBL09, EAY01, GH03, GS07, GW02, GSB03, GS05c,
HAAO00, Her09, HSL08, JHSZ07, KKCF09, LS02b, LG05, LJ09a, LH08a, LF04, LL08b, LZH+06, MKM99, MKM04, MKLU05, MG07a, MSYL00, MP01b, NCW+09, OTCM08, ORM06, ON08, PSC04, PVPS09, QS07, RWWS07, RW08, RKE+07, RVVL09, SWG08, SMP01, SL07a, SPLM09, Stud1, SP00, TJ030, TPR05, VGBZ09, WGLS06, YBZ06, YF+06, ZYK01, ZTPM05, dHRvdB07, dSMN+04, vZdBB07. 4 [GBB+06]. 500 [PWS+02]. 96 [FVE04]. = 300 [PWS+02]. + [CL07a, CL08b, GIA+08, Lio06]. = [Saf00]. [APR09, AL01, HHPW08, LNXNTX09, PHW08]. B [Saf00]. [CK03]. C [Gos02, MG05a, ML06b]. M [Edw00]. M3 [LMS08]. R3 [BGN08, VZSL07]. μ [Mac03]. N [BADG00, BDS07, DHM03, FT09, MG05a, MC07b, PGB05, PRL03, TWYC06, WPM+02b]. ∇·B = 0 [Tot00]. ν [Mac01, SH07b]. O(1) [Pau07]. O(N) [Deh02, HBHS09, YBS06, PO01]. O(n2) [Gon07]. ω [AQV02, BMQS02, ML06b]. P [QS01, FOLD05, LBL06b, VBL07, WM09]. PN [FKL07, LTK+02, MELD08, OS09, WK01b, MHB08]. Pn–2 [WK01b]. PN Pn [DZ09b]. ±2 [WJV07]. ψ [AQV02, BMQS02]. q [CL06a]. Q2 [KN04]. r [CHR01, CJ04, CK07, WLT08]. R–ν [SH07b]. S1 [COV04]. S2 [COV04]. S3 [Bey09]. SD [SB06a]. z [CCK07, GGRS08]. -Adaptive [CHR01, CJ04, RFFP06, WLT08]. -Body [BADG00, WPM+02b, BDS07, DHM03, MG05a, MC07b, PGB05, PRL03, TWYC06]. -Branch [Gos02]. -D [Alb00, ASQ06, AMXL09, ALGM01, BO05, CJSS08, CPG04, CL00b, Dar02, EKP06, GKL03, Hor02, JHSZ07, KB04, KPP09, Mac07, MP07a, MSYL00, MP01b, PAD07, RW08, Stud1, TS02]. -diagonal [UL06]. -Interpolation [GC02a]. -Matrix [Edw00]. -means [MG05a]. -Multigrid [FOLD05, KvRvdVvdV07, LBL06b, VBL07]. -Polarization [CD00]. -sphere [BCE+09]. -stretching [GGRS08]. -T [AMXL09, JHSZ07]. -topology [Bey09]. -up [CL08b, CL07a, Lio06]. -Weighted [AL01]. /Lagrange [WZ07, Boy06]. /Lagrange-distributed [WZ07, Boy06]. 1121 [Aza09]. 13-moment-equations [TS08]. 138 [DKX01]. 151 [LLIK01a]. 152 [MKM04]. 172 [MPC02]. 173 [LM03a]. 177 [Lau06]. 185 [DD03a, SCC+03a]. 196 [HLWW06]. 1D [LLIK01a]. 2 [Tol08]. 200 [Tol02a]. 207 [NTYT02]. 217 [Mii07]. 218 [JJGL07]. 225 [CL08b]. 227 [HMS08b, SM09b, dTWD09]. 228 [ABRR09b, HY11, WZL09b]. 3-dimensional [SP06a]. 3624 [SM09b]. 3852 [Har04]. 4 [Ano04-27, TT06c]. 406 [PW01].
Absorbers [OK07b]. Absorbing [ABK09, CL00b, HLL08, NB04, Rah04, Vay00, AMR06, AK06b, AC09, Bér07, BHNPR07, GT09c, HMOG08, HK04a, HZ08, Hu05, MTH08, XHW07].

Absorption [Vay02, CFGK05]. Abstracts [Ano00q, Ano00r, Ano00a, Ano00b, Ano00c, Ano00d, Ano00e, Ano00f, Ano00g, Ano00h, Ano01i, Ano00k, Ano01l, Ano00m, Ano00n, Ano00o, Ano00p, Ano01a, Ano01b, Ano01c, Ano01d, Ano01e, Ano01f, Ano01g, Ano01h, Ano01i, Ano01j, Ano01k, Ano01l, Ano01m, Ano01n, Ano01o, Ano01p, Ano01q, Ano01r, Ano01s, Ano02a, Ano02b, Ano02c, Ano02d, Ano02e, Ano02f, Ano02g, Ano02h, Ano02i, Ano02j, Ano02k, Ano02l, Ano02m, Ano02n, Ano02o, Ano02p, Ano02q, Ano02r].

Accelerate [VTW+07]. Accelerated [SH07b, BMN07, CL08d, CS08a, JH08, LC07, PVP99, Sam00, VS07, YWC07, ZD05]. Accelerating [BCK09, Bow01, HJM06, PS02, PFB01, Sa00].

Accuracy [BS00a, BL01, CP06a, GZ01, H00a, Gen01, GTD+02, ISNY05, VCM00, WFTS05, CV06, FWP09, HDR+06, MN09b, MYW07, PPB09, STR07c].

Adaptative [BdCB09]. Adapted [PW07]. Adaptive
adaptive [LJSM08, LP04a, LL04b, LR07, LP09, MK08a, MZ09, MCG08, MU09, MK08b, Men04, MG07b, MG07d, MC07b, MHE06, MSB07b, NT07, OK06c, PSCBO8, PDHP07, PCP08, Pop03, Pop09, PRL03, RGK07, RJM07, RFFP06, RSTB03, Ryc05, SS07b, SPG06, ST03b, SRX07, TLK07, TTZ03, TSB03, TFD06, TDGP06, TME08, TK04, VP09a, VK05a, WK05, WW04, WT07b, WTL08, WM09, WHS08, WKL07, XLM07, YMT04, YJL06, YBZ04, YF09, YT07, YZF06, ZK06, ZSC08, vdV08].

adaptivity [CMR08, Ngu07]. addition [BO09]. Additive [ODCK07, HC05, SRM09, XYK05]. adaptive-correction [XYK05]. ADER [BRDM09, KI05, SDM04, Tak06, TT05a, TT05b, TT06a, VTT08]. adhesion [ZDD09]. ADI [KZ04, NN09, SCC09, WEL07, You06]. Adiabatic [AKV00, RV09, BG07, BZ04]. Adjacent [Azm02]. Adjacent-Cell [Azm02]. Adjoint [CKvT07, CV00, DCS00, IFZ01, LP04a, NA08, PG04, PL08, Pro08, SDCC05, UH01, VDO00, WM09, DL03a, FLE03, HPS06a, MAN06, PS03a, PBH04, WGS08, YA05]. Adjoint-based [CKvT07, PL08, Pro08, WM09]. Adjoints [TH01, SZ08]. adjustable [HKM07]. Adjoint [KG09]. Adapting [BH09]. advance [VTC07]. Advanced [TBT09, CSC08]. advancement [PMP08]. Advances [CP04c, GR01]. Advancing [Set01, JP03]. Advecting [RM07]. Advection [CL00a, DPCV02, FMO00, HFO01, HFO00, MBP00, MHS02, OGV02, RS09a, TH01, TS02, XY01, AMS03, AMS03, AMS07, Bal08, BD08, CMS09, DPRN06, ELW04, LLTA07, LHGF04, MP08, NZ05, Pud06, RB05, SCTR09, SD06, Sou09, VSH04, XP04a, YA05]. Advection-Diffusion [CL00a, HFO01, MHS02, OGV02, DPRN06, NZ05, SCTR09, YA05]. Advection-diffusion-reaction [RS09a, VSH04]. Advection-Dispersion [MBP00, LLTA07]. advection [ELW04]. advective [Loh04, PC08]. advective-dispersive [PC08]. AEGIS [ZK06]. Aequorea [SM09a]. aerosol [MAR09]. aerosol [DSJ03]. Aerosol [HR08, KL08, PG08, SMS04]. Aeroacoustics [CL01b, SHA08, SSD00, AHNS09, Cap06, Kim07, MRS09, SM06a, SFM06]. Aerodynamic [HSG05, IFZ01, CKvT07, EHD08]. aerodynamics [Li09a]. aerodynamic [WB09b]. Aeroelastic [DO09]. aerodynamic [DSJ03]. Aerosols [IR09]. Agreement [LBD02, BPO07, Laut06, LL06b].
Aided [VP00]. Air [FCB02, SD00, SMO00, WB01, CSC+08, CN08, NJLA06, SDCC05]. Air-Quality [SMO00]. Airflow [ZK04]. Airway [ZK04]. Air [ZK04, SDCC05, NFJ00, NC08, SJLA06, SDCC05].

Alamos [Har04]. ALE [AK06a, CYS06, CHCOB09, EGP09, FGG01, GGG03, JC02, LBL04, MY06a, MSB07b, NJX00, TT06c, VGS04]. ALE-type [NJX09]. AlGaNd [GS05a]. AlGaNd/GaN [GS05a]. Algebraic [GS06, HH02b, HMM05, AHPT07, HJM07, LSS+09, Rah04, VSG05]. algebraically [Boy09]. algebraically-converging [Boy09]. Algorithm [AGT02, AGT05, AS01, BFG07, BM01a, BLW01, BD01, BZB00, BK01, CS01a, CRB00, CBKM00a, CBKM00b, CYKC01, CL00b, CBL01, DBXX00, DKX01, DHH02, DH00, FGG00, FV01, GTDM00, GK02, HF00, HCG01, HLSK00, JPCM01, LR09, LBD02, LTZ02, MK02a, MD01, Mu02, Noe00, PR00, PWW00, PM00, PA00, SR00a, Shy01, SMO00, TSB01, TK02, VG01, VCP00, ZD00, ZD08, ABR07, ABR09, AA06, AL06, AM04, BHL07, BM07, BIVC07, BB09b, BOK+06, BP07, CBX08, CGP05, CRAG07, CPMK09, CW08, CK08, CZ09, CS09a, CKJ+03, CK07, DFN+07, DFN+08, DS06a, DDS09, DTC04, DLMK04, EKP06, EKP07, FT06, FHD+09, FD09b, FBH05, FCD+06, GTRB09, GPO04, GH08a, Gi04, GvH06, GSB03, GKD09, GM09b, GV06, GGC09, HS07a, HNF07, HM05, HC05, KD09, KKS05, KZWY09]. algorithm [KG05, KP06, KAA+07, KW03, KT07, LLY05, LK06, LPK05, LL06, LJ05, LK05, LL07, LP09, MZ09, MPD03, MM03, MCGV04, MC03, MOC03, MDS03, MK07, NOG08b, NVD05, NV07, NMG09, Ni09, NCW+09, NFA03, OLL03, OMK09, PMP08, Pro03, PRL03, RVD09, RJ06, RBL04, RSTB03, SDG07, SLO08, SLG+03, SL07b, SA06, SM09, SS06b, Shy04, SC09a, St05, SK04b, SRX07, TSB03, TC09b, VPMC04, VS09, VSV03, VBL07, WAI03, WGS06, WB09a, WC07, XDB09, XCR08, YM06, YSB06, YB04, Yin06, Yot07, ZH04, ZSC08, ZD05, ZSG06, vD08]. Algorithmic [DT05a]. Algorithms [BS01, BT02, Boy02a, DDF01, FKV08, GTO01, KKP02, KFP07, KKY07, Lem00, M05, MPC01, MPC02, OV00, PM02, RS02, RRV01, SSW01, SK06, AvdB04, ASPB03, AST09, BCK09, BGDL05, Boy04, BUE06, CHL06a, CS09, CB03, CC03, DVHM05, DHM03, DEH07, ELVE07, Fas03, FD03, HJF04, KK03b, KKS07, Kuz09, LMX+08, LK09, LS06, LCC05, MD04, MC07a, N01, PP, PVR07, Ram03, RVM07, RA09, SS09b, SMB09, SSC09, St07, Tyg08, WAG05, FS00a]. Alias [Pop00]. aliasing [KG08, KK03b, SVB09]. Aligned [KRR01b, GYKL05, NLLE06]. Aligning [HLKS00]. alignment [BGM08]. all-electron [HBHS09]. all-scale [PS03b]. All-Speed [sLwG08, BN09]. Alleviation [Lee09]. Alloy [SZ01, GJK09, LW06, RCM07, TZ07c, ZVHP03]. alloys [JVVS07, KG05, TZ07a]. all-speed [GBC06]. Almost [Tan05a]. along [JG06, JG07]. alpha [LNN08]. Alternative [KJ01, Boy04, HLM07, MKK06, Pro08]. aluminum [MV06]. Ampère [HF01]. amplification [BCG09]. Amplified [Li01]. Amplitude [VCP00, CF06a, CS05, KTD03, MV08, PPCI06, TM07]. AMR
analyses [SCT09, YKK08]. Analysis [AA02, BZ04, Bod06, BC02b, BE02, CFS09, CGP02, DMG00, DE06, DCV+01, ELW01, FLG01, GGL+01, HA02, JM00, KMHR00, LMK03, LS02b, Mac00, MG02, PD01, PM07, Pon09, Sai02, SHWW00, SGD03, SCD00, Spoo00, UH01, VCP00, We07, WK01b, Woo06, YUX01, YMWM06, YS07c, AA09, AJT04, AL06, AZ05, Bal08, BBD04, BV05, BDGL05, BCR04, BS09a, BCM+07, BDG03, BHP07, CLB08, CLLG09, CRAG07, CDI09, CN05, CGH05, CJ04, CJF9, DHVM05, DL04, DWLM09, DMG04, FWK08, GB08a, GGD01, Ham07, HNGB04, HT03, IM05, IA06a, JKL05, KK05b, KRT+09, KLM07, KK07, Kry04, LMG04, LP04a, sLwG08, LY04, LJ07, LRS09, LMK09, MK08a, NU09, OK07b, PKKL05, PS07a, PIN09, Pir07, PA07a, PBH04, RVL09, RM07, SBA07, SDCC05, SDC05, SMS07, SVB09, SRN07, SL07c].

analysis [SM06b, TX06, VCT07, VGPL09, VBJ08a, VK04, WGT06, X07, ZGSD06, dHRvd07, dNWvSD07, dTWD09]. Analytic [AI09, YJ06, YMF01, BB08a]. Analytical [BEE06, LH08a, NFvS+06, Ren07, SZ00, Chu09, JR03, LHD05, LT09a, NDG05, SB06a]. Analyzing [LWG03]. anchored [NT07]. anelastic [BM06, CGPG04, GBC06, PS03b]. aneurysms [YXL05]. Angle [FSY00, LWDA09]. angles [AZB09]. Angular [Car01]. Animal [HSW07]. Anisotropic [BFC04a, FL03, HLS02a, JW02, LSH05, Q01, VD03, BHR03, BF03, BFC04b, Bur05, BHS07, CP05, Ch04, DT03, Hu05, JC06a, KE09, KSS09, LHL07, LLY05, MP07a, MD06, MSB07b, RBH03, SKS08, SH07c, WC07, WK07].

Anisotropy [EV03]. Annealing [FH02, PA00, Pav07]. Announcement [Bra01, Ano05s]. Anomalies [KS02a]. Antenna [LVL05]. Antennas [VR02]. Anti [XS05c]. Anti-diffusive [XS05c]. Antiplane [LAS01]. apparatus [JR03]. Appearing [Ano00q, Ano00r, Ano00a, Ano00b, Ano00c, Ano00d, Ano00e, Ano00f, Ano00g, Ano00h, Ano00i, Ano00j, Ano00k, Ano00l, Ano00m, Ano00n, Ano00o, Ano00p, Ano01g, Ano01h, Ano01i, Ano01j, Ano01k, Ano01l, Ano01m, Ano01n, Ano01o, Ano01p, Ano01q, Ano01r, Ano02a, Ano02b, Ano02c, Ano02d, Ano02e, Ano02f, Ano02g, Ano02h, Ano02i, Ano02j, Ano02k, Ano02l, Ano02m, Ano02n, Ano02o, Ano02p, Ano02q, Ano02r, Ano01a, Ano01b, Ano01c, Ano01d, Ano01e, Ano01f, Ano01g].

Application [LTZ03]. Application [AFGM07, AKH06, ADK00, ADK02, BS01, BF07, CWT00, CA06, Che00a, Chr03, DLS+00, FM06, GV08, GSD01, GPH+01, HCG01, IY+02, JC02, KCCH07, LX00, LS05a, MPP01, ML06a, MZ07, MSP+06, ML06b, NCW+09, NGC+07, PSC+06, PWS+02, QL01, RAD07, RXH02, RVF09, Set01, SHWC07, SSC00, UBRT07, VOD08, VVS08, Vay01, VDO0, VD02, Xu01a, XHW07, ZWS07, ZLAC05, ZR000, AC09, AD04, BBD04, BZ08, BB07b, Boy03, BRB03, CLS+06, CP03a, CMSZ09, DD06, DHM03, DBB06, Dwi08, DBS06, DFD09a, GLMH09, GS03b, Hua07, KP07, KP08, LHZW05, LLL07, LMZ+08, ML05, MY03, Mi04, MG07c, NS05, PD08, PSC04, Q04, SR09a, SRE03, SW04b, SZC09, SLC07, SNLS03, SME06, SRF07, SY04, VBL07, VB08, VD03, Wea09, WJY07, WH05, XSG08, YZL09, YXLF05, Y05, dSHH05].

Applications [VBJ08b]. Application [BS04d, BK01, Che00b, DC01,
arrays [LVL05, LJ07]. art [VTM+08]. arterial [XS07]. artery [YXLF05].
article [LM03a, MCP03, TR07]. Artificial [CS01a, FT01, HDC02, Kel05,
PFSL07, RTT01, SD05a, SD05b, STIST02, Tsy03, Xu01c, BCDR06, BL09c,
CL06a, EZ08b, FL07, KL08, KR09b, MLM09, Owe04, RBH03, zSW06, zS06].
artificially [ST03a]. Aspect [AJG01, Car01, BJP04]. Aspect-Ratio
[Car01]. Aspects
[Hua01a, HMK02, SW08c, Ano04z, Mr03, Sus06, VCG03, dWK07].
assembly [JRS05, Mno03]. Assessment
[Mav02, Ano05-50, Lar09, Maz06, MGS07, SM09b]. Assimilation
[DCS00, LCS02, KFH+04]. Assisted [BMS00, SKK05]. Associated
[SS01a, FL06, GD06a]. assumption [CGP05]. astrophysical
[BvdHKG07, KSW07, RFFP06]. Asymmetric [Vav02]. asymmetrical
[FG05]. Asymptotic [BD06, CL08b, CGL08, CS04, DSSV09, DL04, Gk01,
Jk05, MC09, BLW04, BNN06, CDV07, KLY07, sLwG08, ML08].
asymptotic-preserving [ML08]. asymptotically [JAK05]. asymptotics
[BLM08]. asynchronous [FDL08, KDO05, SA06, UBRT07]. atmosphere
[LHR+07, SW08c]. Atmospheres [DKS01]. Atmospheric
[Bou09, GR08, RWMK03, SZ08, SMT+08, SK08b, TW05, TR07]. Atom
[CP00, CWWZ00, VCTS02, BRB03, BB06]. Atomic
[AC01, LD09b, SG03b, TLAD04]. Atomistic
[EH02, FK09a, KZ06, LCN07, MK06, Ren07, WL03, WW05].
Atomistic-Continuum [EH02, KZ06, Ren07, WW05].
atomistic-mesoscopic-continuum [FK09a]. atomization [DMP08].
Atoms [VDM+02]. attached [TLAD04]. attachment [BHL+04, Lap03].
attachment-detachment [BHL+04]. attitude [San03]. Attraction
[Saf00]. Augmented [Geo08, HB02, IQ08, ILL09]. AUSM [CL08b, CL07a, Lio06].
AUSMPW [KKR01a]. Author [An00s, An00t, An00u, An00v, An00w,
An00x, An00y, An00z, An00-27, An00-28, An01s, An01t, An01u,
An01v, An01w, An01x, An01y, An01z, An01-27, An01-28, An02s,
An02t, An02u, An02v, An02w, An02x, An02y, An02z, An02-27,
An05-31, An05-32, An05-33, An05-34, An05-35, An05-36, An05-37,
An06-35, An06-36, An07-33, An07-34]. Authors
[An03q, An03r, An03s, An03t, An03u, An03v, An03w, An03x,
An03y, An03z, An04a, An04b, An04c, An04v, An04w, An05x, An05y,
An05z, An05-27, An05-28, An06t, An06u, An06v, An06w, An06x, An06y,
An06z, An06-27, An06z, An04a, An04t, An04w, An04x, An04y,
An05t, An05u, An05v]. Auto [VG01]. Auto-ignition [VG01].
automated [KAS08]. Automatic [CSV00, GT05]. Automatically
[HvHH05]. Automaton [LMS00, LGN05]. autonomous [BM01c].
Autophobic [HLZ02]. auxiliary [Bao03, KKM08, MK06]. Avalanches
average [KD09, KLLJ09, Yus06]. Averaging [LR01a, PS07c]. avoid [ZSW07]. avoiding [CSO09, KSGF09]. aware [ML06a]. Axis [CL02]. Axisymmetric [BBG+02, Car02, CS00, GP00a, Lem00, Mic00, Nie01, RH01b, SP00, TCM+00, AK09, ACLS03, BZ08, FJ09, FBHV05, GV07, GLLN09, Kel05, LN09, OCFF08, PSCQ03, SLF08, VGBZ09, ZK06].

B [CP04a, KMJ01, WdND06]. B- [WdND06]. B-Spline [KMJ01]. B-splines [CP04a]. B. [Aza09]. Back [DL03b]. background [LGKP07]. Backscattering [FT01, GS09a, HS07b]. Backtracking [TWS02]. backward [RFVP09]. backward-facing [RFVP09]. Baer [AW04]. bag [BB09a]. Bake [Li01]. Balance [FR02, CT08a, CPKW09, DET08, EHD08, LTD+06, MKOW04, VCZS04]. Balanced [CZVS04, LR01b, Xu02b, AB05b, BES07, BKLL04, CVB06, FCD+06, GPC07, Her08, KCMM03, LMNK07, Mon04, NPPN06, NXS07, RF06, WSY09, X006]. balanced-force [FCD+06]. Balancing [DPR00, HGN00, MG05a, RBT03]. ballistic [BMN07]. Ballooning [CGC+09, SHWW00]. bamboo [AINR03]. bamboo-type [AINR03]. Band [CD00, DGP00, DBB06, Dur08, KGJ05, LW09, SP05c, VTW+07, WHL03]. Bands [DFT01, BZ04]. bandwidth [MTWW06]. bandwidth-optimized [MTWW06]. bare [AINR03]. baroclinic [AL08]. barotropic [LHR+07, Shy04, vBK03]. barriers [JN07]. Based [AV02, BSJ01, BW02, BMRS01, BM01b, BT02, GTD+02, HMS08b, HK02, IFZ01, Jan00, JL02, KMS02, LC01, LTZ01, LLdIP+00, MD01, MKR00, MOS+00, Noe00, OB02, OCK+02, PX02, PR01b, PM00, QV01, RS02, Rom02, SS02, SC01, Sum00, TK00, Tolo2a, Tolo2b, WW00, WS01, ZT0Z2, Avd04, ACGV07, AHPT07, AL06, BNV08, BAMD07, BB08, BLG+08, BdCB09, BG05a, CXB08, CVkT07, CR05, CR07, CdHST08, CS05, CP06b, CP06c, CCL+07b, CB03, CRB+08, CQRW05, CGM07, CL09b, De 04, DCF+08, DFV08, DLD+06, DLD08, DS05b, DDS09, Eld08a, ES03b, FSS03, Fox08, Fox09, FMR09, GGMN+09, GCN07, GKD09, GW05, Gir06, GG09b, Gra06a, GS09c, HMM08, HW08, HSM08a, HV03, HOK07, HLL08, IKS+09, JD09, JRS05, JC06a, JL04b, KOQ08, KZ0Y09, KGJ05, KFV+05, KSJ03, KNH05]. based [KL06, KS08b, KP08, KT04, KT07, Lap04, Lap03, LSA06, LGW03, LJS08, LB03a, LZ09a, L0ZX03, LX09, LQX06, LW07, LW09, LGHF04, LBL07, LBL08, MLS07, kM07a, Ml06, Mi07, MT07b, MDS03, MK03, MHeB07, MO06, Ne07, NJX08a, NCS03, NFA03, NDT06, OCF08, ODCK07, PDHP07, PNMK09, Pop03, PL08, Pro08, QT08, QL04, QKS06, RWMK03, RKE+07, RK07, Ros03, SBA07, SC08a, SKWN03, Ser09, SPM03, SD05a, SD05b, SO08, SAM05, Shy06, SHP07, SS05b, SHPC09, SZH07, TBT+09, Ten03, Tol07, Tol08, TU04, TCO+04, Tsy04, TY07, Tu03, VTC+07, WW04, WM09, WST09, WFC09, WS09, XCY06, XSL09, YF09, YS06, ZR08, ZSC08, ZSP08, ZHSS09, dSM05]. Bases [ABGV02, ZSC07].
Basic [BK01, FHLO08, IX09, LVW06a, Wan02, AL06, LKNG01, Wan02].
Basis [AP02, GTD01, HL06a, OMK09, PB00, SC01, BZ08, CQO04, DR09a, FW07, FP08b, GH08a, GS06b, GG09b, HBHS09, LCW04, LJW07, LBL08, MT07b, NG06a, Ng07, Ng08, RA09, SC08a, SVH°06, TB09, TW03, UYK°04, Wag05, WFTS05, WF06, Yin06]. **Baths** [CS01b]. **Bathymetry** [Che04]. **Bayesian** [Kou09, MNR07, MN09b]. **Bead** [LWF°08]. **Bead-spring** [CS01b]. **Beads** [KM08b]. **Beam** [QRHD00, BBF°08, DZ09a, DDGS09, FCJ08a, GGRS08, QFR04, SHY07, TET09]. **Beam-beam** [QFR04]. **Beams** [HDBW05, KM03, LQ09]. **Bearing** [WB01]. **BECOOL** [CGC°09]. **Bed** [PCCD00, HC08, RC06, RF06, RMF08, Sar03]. **Beds** [QP03]. **Behavior** [AKH06, GTRB09, KMID05, SK04a]. **Behaviors** [LJ09b]. **Behaviour** [WWVG00, Ain04, DVHM05, Dur08, KKO04, sLwG08]. **Behind** [VG01]. **Belonging** [SS09b]. **Beltrami** [HZ07a]. **BEM** [MMS04]. **Benard** [CA06, TC02]. **Benchmark** [FS00b, DLMK04, DOW08, LW06, SL07c, VBL03]. **Bend** [BCZ04]. **Bending** [DLW04, DLW06]. **Bessel** [GST02, Nas08, Saf02]. **Best** [Lab09]. **Beta** [GLN06]. **Bethe** [Mai03, Mai04]. **Between** [ACK02, BBHM09, DJM05, Eg07, FG07, GHV00, HDBW05, IA06b, JA08, KK09, KM08b, MRS09, OB06, PC02, VLM07, VZSL07, YM07, ZKDT07]. **Beyond** [SDS07, PKD07]. **Bézier** [CH08, DAJ07]. **BFGS** [Abr09]. **BGK** [CKR01, Xu01b, CKR00, CDL04, CDL05, FH00a, FH00b, GW00, LF06, MS07, Mi00, PPCW06, SY08, Xu01c, XH03, XMT05]. **Bi** [AKH06, HHM04, KH07]. **Bi-period** [AKH06]. **Bi-periodic** [HHM04, KH07]. **Bias** [ME09, TG04]. **Biased** [BBHM09, FG05, JAK05, PYC04]. **Bidimensional** [BS06b]. **Bidirectional** [ES03a]. **Bidomain** [GGMN°09]. **Bi-fluid** [GV08]. **Bifurcation** [DSS00, SML02, dNWvSD07, dTWD09]. **BiGlobal** [KRT°09]. **Biharmonic** [Bia03, GD06b]. **Bilayer** [FG05]. **Bimodal** [Wen09]. **Bin** [WXG07]. **Binary** [IYI°02, SZ01, FWP09, LW06, RJM07, TB1°09, Wan04b, YU05a, ZVP03]. **Bingham** [VBL03]. **Bins** [TRL01]. **Biological** [CDDH07, JRS05, KL06, LD06, LMZ°08, MWM03]. **Biology** [MG07b, NGC°07]. **Biomolecular** [LCM07]. **Biomolecule** [CXB08]. **Biorthogonal** [ELW04]. **Biot** [BQ09]. **Bipartite** [RS02]. **Birth** [NSC09]. **Bistable** [SSC00]. **Black** [FD09a, LCH03]. **Black-box** [FD09a]. **Black-oil** [LCH03]. **Blackholes** [Lau04]. **BLAS** [CFR08]. **Blast** [BWLM09, SL04]. **Blended** [Ros03]. **Blending** [Lar09]. **Blends** [AKH06]. **Blind** [CJLS09]. **Blob** [CM00, BB04a]. **Bloch** [BBR01, BS06b, Gos04, Lin01, LW09]. **Block** [CP06b, MC07b, PCC00, PSH°08, CHB09, Cho05, EHST03, EHS°08, GGN°09, NGvdWS09, PSC°06, SHT06, TDGP06, TMG08, WR09, YLD09, vdHK07]. **Block-adaptive** [TDGP06, TMG08]. **Block-AMR** [vdHK07]. **Block-triangular** [GGMN°09]. **Block-tridiagonalization** [WR09]. **Blood** [CGN°07, GGCC09, LL06b, XDB09, YXLF05]. **Blood-tissue** [XDB09]. **Blowup** [HMR08, MJO9a]. **Bluff** [JML°01, PW00b, PW01, PWS°02, KIH09]. **Bluff-Body** [JML°01].
[BP04a, BP04b, HEN09]. **blunt-body** [HEN09]. **board**

[Ano03l, Ano04a, Ano04b, Ano04c, Ano04d, Ano04e, Ano04f, Ano04g, Ano04h, Ano04i, Ano04j, Ano04k, Ano04l, Ano04m, Ano04n, Ano04o, Ano04p, Ano05a, Ano05b, Ano05c, Ano05d, Ano05e, Ano05f, Ano05g, Ano05h, Ano05i, Ano05j, Ano05k, Ano05l, Ano05m, Ano05n, Ano05o, Ano05p, Ano05q, Ano05r, Ano06a, VGL + 07, Ano03a, Ano03b, Ano03c, Ano03d, Ano03e, Ano03f, Ano03g, Ano03h, Ano03i, Ano03j, Ano03k, Ano03m, Ano03n, Ano03o, Ano03p, Ano06b, Ano06c, Ano06d, Ano06e, Ano06f, Ano06g, Ano06h, Ano06i, Ano06j, Ano06k, Ano06l, Ano06m, Ano06n, Ano06o, Ano06p, Ano06q, Ano06r, Ano06s, Ano07f, Ano07g, Ano07h, Ano07i, Ano07j, Ano07k, Ano07l, Ano07m, Ano07n, Ano07o, Ano07p, Ano07q, Ano07r, Ano07s, Ano07t, Ano08a, Ano08b, Ano08c].

**Board** [Ano08d, Ano08e, Ano08f, Ano08g, Ano08h, Ano08i, Ano08j, Ano08k, Ano08l, Ano08m, Ano08n, Ano08o, Ano08p, Ano08q, Ano08r, Ano08s, Ano08t, Ano09a, Ano09b, Ano09c, Ano09d, Ano09e, Ano09f, Ano09g, Ano09h, Ano09i, Ano09j, Ano09k, Ano09l, Ano09m, Ano09n, Ano09o, Ano09p, Ano09q, Ano09r, Ano09s, Ano09t, Ano09u, Ano09v, Ano09w, Ano09x].

**Bodies**

[BP04a, BP04b, HEN09]. **Boltzmann** [MEG02]. **Born** [CBX08]. **Bose**

[BT03, BJM03, BW06, BCL06, BS08a, CKLS05, CLS05, VCTS02].

**Bose-Condensate** [VCTS02]. **Boson** [BTFY01]. **Boson-Fermion** [BTFY01]. both [SHP07]. **bottom** [BTT08, FG07, VTT08]. **Bott** [BTT08, FG07, VTT08]. **Bound** [Ma01, CKLS05, GG09b, KSW03, Mai03, Mai04].

**Boundaries** [CPP02, HLKS00, UMRK01, BTC05, BF08, BJ09, CBI + 04, GS07, GB03, KAK03, LL03a, LKP06, MTH08, Mi08, MDB + 08, PC08, SS07c, TLK09, Vlk03, WS04, XW06, YB06]. **Boundary**

[AC00, ACY00, AD03, AGH02, Bra08, CM00, Cor00, DMG00, DC01, DKSW01, DKX00, DKX01, Eli02, FVO00, FT01, FSY00, GZ01, GM01a, GHG01, Giv01, GVT01, Gro00, HLS01, HCG01, JSCZ08, JC06a, JL02, KG09, KAIN01, KKC01, LP00, LOK01, LFK00, MCJ01, MSY00, NF01, NMS07, Nys02, OKL01, OB02, PPC00, Pet01, RC00, RTT01, SFY01, SW00, SS05c,
TC09a, TS08, Vay00, VR02, WHY°00, YFS01, ZWL02, ZJWC08, ZP02, ZRR00, ABL05, AST07, AMR06, AWK07, AB03, ABK09, Ata04, AG08, AKP07, AMS03, BYS08, BBD04, Bér07, BL08, BBMB07, BM05, BA03, Bet08, BGS08, BO04, BT09, BP08, CD03, Car09, CGMS06, CER09, CP04b, COER07, CGKM06, DH09, DS05b, DT03, Dim07, DND06, DCK08, EZ08b, Egl07, Eli07, ES03a, FEL°05].

boundary [FM04, FE04, FF03, FGP08, GGS09, GMD07, GS05c, GN03, GP04, Gla05, GYPVB07, GP05, GHP07, GKVO9, GK04, GK07, GE07, GT09c, Gui03, HS09a, HK04a, HD07, HAS05, He09b, HK08b, HZ07b, HS08b, HS08c, Hu05, HLL08, HSS07, HSC09, HST09, HF08b, IKL°08, IK07, IG05, IDD04, JA08, JM05, KIHO9, KIHM09, KY08, Kau03, Kel05, KJ09b, KC06, Kim07, KL04, KB06, LTH08, Lau04, LWP°09, Lee03, LHZW05, Li08b, LN09, LP06b, LY06, Liu99b, LDV08, LCM04, LMZ°08, LCCG05, Mai04, MKLU05, MVW08, MR05, MS04, MTH08, MJ07, Mi08, MDB°08, NA08, NFGK07, ND04, NN04, Nic09, NC°09, NK08, NB04, OPML07, PSC°06, PH08, PS08, PK05, PWM06, Pon09, PSM08, Pro05, Pro07, RMGK04, SSN09, SS03a, SAK05, SBC06, SW04a, SL07, SSSD03, SJK09, SM06b, So09]. boundary [zSW06, zS06, SK03, SN06, SCN07, SN08, TC07a, Ten03, TE08, TF03, Tsy03, Uhl05, VB09, VVS08, VGZ09, VRM07, VHI05, VP09b, VZSL07, WO07a, WK04, WL06, WFC09, WS09, XJ07, XH07, XD07, YB06, YP06, YZL09, YB06, YH07a, YW07, YW07, YLA08, YE07, ZKD07, ZZ07, Zhe06, ZT03, ZW06, ZZFW06, dA04, dTDI°07]. Boundary-Adjusting [KG09].

Boundary-Conforming [VR02]. boundary-fitted [PS08, SS03a, YP06, ZKD07]. Boundary-integral [AD03, JA08]. boundary-lattice [FM04, PSC°06, WS09]. boundary-Boltzmann [DCK08]. boundary-layer [ZT03]. boundary-layer-resolving [NK08]. boundary-value [ABL05, Eg07, PSM08]. boundary/level [YS09].

Boundary [Coe02, FG02, Sum00, CL08, CP04c, FNS07, FPK08, FGP08, HP09, IDD04, MC06a, PPDM08, SFM06, WD07]. bounded-obstacle [FNS07]. boundedness [HR07, RH05]. bounding [PG04]. Bounds [MP01]. Boussinesq [ES06]. Box [PS07a, FD09a]. BPM [FCJ08a].

Branch [Gos02]. Branching [KM02, LM08b]. Brazovskii [ZZ08]. breakdown [WH05]. Breaking [DF00a, SSSW00, KDO06, LTO07]. Breakup [CBL01, QLS09]. brick [DR06]. brick-tetrahedron [DR06].

Bridges [LS02b]. bridging [PKKL05, WL03]. briefly [BBF°08].

Brinkman [LV07]. Brownian [DHN07, SP04]. Bryan [MR01].

Bсор [CKLS05]. Bubble [Han01, YSCO1, BPM08, HY09, HY11, HL07c, LF04, MGCR07, NJLA06, YFMB07, ZEA06]. bubble-stabilized [HY09, HY11].

Bubbles [Dar00a, ZYKWO1, BOK°06, HSL08, Sus03, WK04]. bubbling [CGL08]. Bubbly [KS02b, MTD08]. buckling [LS08].

Buffers [SKR06]. Building [SSW°07]. Bulk [GH01, AKH06, MLM09, VTV°07]. Buoyancy [ZS01, KIH09].

buoyancy-dominated [KIH09]. Buoyant [PG02a, SWG08]. Burgers’ [BFG07, PIN09, DP00]. Burn [BSJ01].

Burnett [LR03, OK04].
C [Thu08a, TRSK09, WdND06]. **C-grid** [Thu08a]. **C-grids** [TRSK09, WdND06]. **CAA** [RBSL06]. **CABARET** [KG09]. **cables** [GPL05]. **Cage** [vHBB02]. **Cal** [CR07, CFP08, pHL09, KW06, KKL04, WKG06, WKL07, XXS07]. **Calcium** [SSC00]. **Calculating** [BS00e, DST07a, MBM01, MN02, PSZ09,TRL01, LWW04, MS04, RMB07]. **Calculation** [CTS07, CSV00, Deh02, Fed02, HO03, AT05b, CL06a, DT04, DL03a, DBB06, FH07, HB04, HRV08, KKCF09, Küm04b, LCG07, LC03, LCM07, LLRP09, PSH+08, SF03, SHP07, SP05c, To07, To10, VTM+08, YMW06]. **Calculus** [BS01, OVG07, PS07a, PS07b, PCS+09]. calculus-finite [OVG07]. **Calibrated** [CBS05]. calibration [BV05]. call [Ano05s]. **Calamass** [COR08]. **Cancellation** [Lee07b, Lee09]. **Canonical** [LOK01]. **canopy** [Die08]. **capacitance** [MS04]. **capillarity** [TW07]. **capillarity-dominant** [TW07]. **Capillary** [Mad05, NS04, PS05]. **capsule** [LS08]. **capsules** [SCRL08]. **capture** [AZ05]. **Captured** [YC02]. **Capturing** [AS02, BJ02, BS00c, EFM02, LFK00, MC02, NFK01, RMO00, SM05, STiST02, TNGH02, Tót00, BAR08, BdB09, BW07, CB09, DLD+06, Edw06, FSS03, HJJ09, KL08, KH08, KM07a, Pir06, SYC09, SAM05, TDWY08, TY07, UTTBV03, Vol04b, Wen06, XD07, YJL+06, dSMN+04]. **Carbuncle** [PD01, DMB04, NK08]. carbuncle-free [NK08]. **Cardiac** [Ota00]. **Carlo** [ABRR09b, LM03a, MCP03, ABRR09a, AMH04, BBHM09, BS07, BMD05, BS06, BUEG06, BB09b, CLL07a, CGMS03, CGMS06, CTW+08, CV06, CF06b, CS03, CS04, Dem04, DL03a, DL04, DUEB07, DDDD07, EULM03, ED07, FG04, FG05, FT09, Gen01, GL09a, GM06, HH07c, HGM01, HJ04, KB00, KM03, KAS08, KLW09, LSL08, LM08b, LM01, LD09b, MMKP08, MU09, MBS03, N09, OK07b, Pa08, Pe07, PK00, PV07, PVPS09, QL01, RR01, RS06b, SSE03, Sch08, SL04, She08, SA06, SM07SS07, UH01, VK04, VK05b, Vol04a, WBM09, WGS+08, WM07, ZSB+08]. **carrying** [CDV05]. **Cartesian** [AMSZ07, CL00a, Cal02, CRB00, CBG09, Che04, CMG09, CYS06, CGK06, DDH01, GSB03, GS05c, HLS02a, JMK01, KKKC09, KAK03, KL04, LPK05, LJK09, LKM05, LLB05, LBL06a, MKL05, MCJ01, MG07d, NAO8, OK06a, OSK09, RC05, RW03, SROCF05, SBCL06, SH07b, SSG06, SPGR06, TU04, UMK01, VSM07, XLM07, XLP05, YU05a, YXL05, ZT07b, dHRvdB07, vdHK07]. **Cartesian/immersed** [GS05c]. **cascades** [Ram06]. **Case** [FP02, HH01, PWWW00, Spo00, BMN05, CD03, CC07, CY05, DBF08, Dur08, GA09, KTD03, LRS07, QS04, QLK07, SD06, VVM05, VP09b, ZQ09]. **Cases** [LMS02, FGS09, GR08]. **CASL** [MPD03]. casting [GS03b]. castings [BEA09]. category [Cap05, Cap06]. cathode [SXyWX09]. **Cauchi**
Caustics [BS00c]. Cavitations [SS02, SPB09, SMS08]. Cavitating [CFS09, SY09b]. Cavitations [Hua07, WW07]. Cavities [CL00b, AKL+08, LKD04, SS07a]. Cavity [AQV02, APQ02, AK05, DR09a, GGP06, Men04, PSC04, Woo06]. CBFEM [OMK09]. CCD [SVB09]. Cell [Azm02, Bow01, CP04c, CB02, JCM00, Lap02, LDL+09, MD02, MC00a, Par02, PH09, QRH00, SMP01, SN01, SPC01, VC00, BAMD07, BMT09, BF08, BM07, CDDL09, CKPW07, CP07, CWD08, CCF+05, FHD+09, FD07, FG06, GS09b, GF05b, HDR+06, IITV07, JH06, JD09, KW08b, LWDA09, LLL07, LL06b, Mai09b, Mai09a, MN09a, MCG08, MSB07b, NGC+07, OK06b, PPCW06, QFR04, RB05, RB09b, SS09b, SK07b, SXYWX09, TF03, WCR07, YE07, ZSW07]. Cell- [SMP01]. Cell-Centered [MC00a, BMT09, BM07, CDDL09, CCF+05, GF05b, Mai09b, Mai09a, MN09a, MCG08]. Cell-Centred [JM00]. cells [CDDH07, DPRN06, LTD07, LI08a, Liu05, MV06, RCB05, XLS09a]. Cellular [LGN05, Nov04]. Center [Saf00, Saf02, HP04b]. center-difference-WENO [HP04b]. Centered [MC00a, SMP01, BMT09, BM07, CDDL09, CCF+05, GF05b, Mai09b, Mai09a, MN09a, MCG08, MCGV04, PY04]. Central [AT05a, DPRS01, KT00a, KT00b, Liu05, QS02, TA06, BTW04, BS08a, BL03, CV06, Cap08a, CP08, CZVS04, GS03c, JR09, KK05b, KPK09, LBS04, LI08a, MGS07, SGD03, Zie04]. central-constrained [Zie04]. central-upwind [BL03]. centre [Mot08]. Centred [JM00]. centres [SPLM09]. cerebral [YXLF05]. Cerenkov [GCLB04]. CFD [AFGM07, DTMS06, KP08, LXM09, ZWL02]. CFD-based [KP08]. CFD/CAA [DTMS06]. CG [YAvdB+08]. chain [GL09a]. chains [CVE06]. Chang [De03a]. Change [JLCD01, MR00, WW00, WHV+00, YSC01, BFC04b, EKP07, GCNB07]. channel [BF07, CZVS04, DS06b, HO03, PPDM08, SS05c, TS08, VTT08]. channels [CGRGV+04, NFV+06, SFX03, TCM05]. Chaos [AKY01, GDF09, LX09, MN09b, PW07, RM07, WK05, XK03, HLRZ06]. Chaotic [LI02, YZL+06]. Characteristic [DCV+01, LL01a, OB02, OMK09, QS02, IX07, PL04, RLZ03, Ser09, TY07]. characteristic-based [Ser09, TY07]. characteristic-wise [RLZ03]. Characteristics [ZTZ02, HMM08, Lee03, Lee05, Neo07, NDT06, SD05a, SD05b, SZH07, TO09, ZR08]. Characteristics-Based [ZTZ02, Neo07, NDT06, SD05a, SD05b, SZH07]. Characterization [GD06a, FH03]. characterized [RC06]. Charge [CPP02, OMG02, SUW01, Ver01, ASQR06, CK07, LSA06, WR09, XDC09]. Charge-Conserving [OMG02]. charges [CD07, DC07]. Chebyshev [BK08, BDCG03, BRR03, Boy04, Boy05a, GH03, JW09, Lab09, LBS+04, Sar03, VB08, ZP06, ZSTC06]. Chebyshev-filtered [ZSTC06]. Chebyshev/rational [Boy05a]. Chemical [JW00, JW02, LX00, MEG02, San01, SD00, ACGV07, AMH04, CP06b, CP06c, ELVE07, HLO7a, JW03, LGO09, Liu08, MK07, OLA08, RE07, RHPN09, SZ08]. Chemically [BM01b, LI01, CDP05, CP06a, CFL+03, NS05]. chemistry
chemotactic [BCGR05, SL07c].
Chen [WS04], chimney [KW08b]. Choice [TDV06].
choosing [AMXL09, FP08b]. CIP [IX07, TOY09, YMT+04]. CIP/multi [IX07].
CIP/multi-moment [IX07].
CIP/multi-moment [IX07]. Circular [HGM+00, PG02a, ACR08, GGP06, KR09a, NCS03, SLC07, SSND03].
Circulation [DOWB01, Hig02, MR01, Hig05, SP06a, TVMR03, WDÔ+03].
Class [GSD01, HR01, LP01, BAMD07, BG05b, DGH08, GS03d, pHL09, KPP07, LRZ04, MY09, RP08a, Ros08, Tsu06, XS06, ZSWW03, ZWS06]. Classical [BS00d, HGM01, BCCV09, CWL08, JR03, JR04, LQ09, LTD+06, QCGQ03].
Cleaning [DKK†02]. Clear [Bal02]. climate [Dic08, Lap08, Lyn08, MS08b, SW08c, Thu08b, dNWvSD07, dTWD09].
climate-prediction [SW08c]. cloaking [ZH09]. clocked [Mil05]. Close [POS00, CLL07a, HO08b, ZD05]. Closed [RK07]. Closure [DK02b, HHC08, PM02, RW08, SKWN03]. Cloud [MD02, SMT+08].
Cloud-in-Cell [MD02]. Clouds [VCTS02]. cluster [CD04, FT09, Nit05].
Clustering [Gut00, MK00a, MG05a]. Clusterization [PA00]. Clusters [DPRS01, KK08, Pa08]. Cnoidal [Boy02b]. Cnoidal/multi [IX07].
co-propagating [BBF+08]. coagulation [VK04]. Coalescence [CBL01, BJO+04, FL08, LM04]. coalescing [ADS03]. Coarse [DEHL06, KMV03, RGMK04, IM07, KEB+07, THL06]. Coarse-gradient [DEHL06]. Coarsening [CHO00]. Coastal [SR00b]. COBRA [SHWW00]. cochlea [GB03]. COCR [JHZ+09]. Code [ALGM01, BM02, BADG00, CBB01, HF01, QRHD00, SHWW00, BM06, BvdHKG07, CN08, FM06, GHB03, GLN06, GBB+06, HF08a, HDR+06, IITV07, KB04, LGKP07, LL08b, NC04, OPML07, Roy05, SO08, SJHM09, TVMR03, TT06c, TPR05, WGR07, ZK06]. Codes [PFB01, SMP01, T600, ADS03, FG06, HM09, PH09, PL04, TS07, dSHHM05].
codimension [CCF07, Min03, Min04]. codimension-2 [CCF07]. coefficient [Ber04, BK08, HO05, JZH09, JZ08, LT05, MGC06, UL06]. Coefficients [PL01, VSMW01, Boy09, CT04, DGH08, HH07a, HyLL07, MD06, OK06a, SRNV07, TBT+09, ZZFW06]. Coherence [BTSM09]. coherent [WR09]. Cold [VCTS02]. Cold-Atom [VCTS02]. collapse [BCGR05, Sus03, TU04].
Collection [TRL01, KFV07, WXG07]. colliders [QFR04]. Colliding [MKM09, CC08b, MKM04]. Collision [ADR08, Mu02, PRT00, SR00a, DWC+09, DTS05a, DTS05b, KDK+07, Lar03, LWDA09]. collision-driven [DTS05a, DTS05b]. Collisional [BZB00, KK00b, CF04, FPT05, GT09a].
collisionless [LCB04, VTC+07]. Collisions [SSW01, AGW07, BBDE05, HS04, SK08a, She08, SMS07, WLC+08, XCR08]. Collocated [LP02, CEH09, FL06, IA06b, MZ07, NMM+07, NMH+07, Ni09, SMS04].
Collocation [CSS00, KK00b, Lay02, FB00, Rei00, VB00, YKG04, AA09, Bia03, BK08, FWK08, FH03, GZ07a, GZ07b, GH03, Hei04, HK08a, HK09, KT03, LCCG05, MZ09, MK08b, ND04, VK05a, WG09, ZG08]. Colloidal [HHL00]. colocated [HM05]. Column [SUW01]. Combination [GG00].
combinatorics [RK07]. Combined
[AA02, FVOMY00, SZ01, Car09, NI03, SLV09, TZ06, VS09, WZ09].
Combining [CWD08, FHJK09, SMP01]. Combustion
[FH00b, GMB01, BEG03, LG03a, LP06a, LLRP09, MMPB07, YT07, vdBG09].
Comment [Aza09, CKR01, MCP03, TR07, Xu01b, LM03a]. commentary
[SM09b]. Comments [PX02]. common [EF03]. Communications [KP05].
Commutative [HV03, VMV02, CBJdlC07]. COMP
[DD03a, LM03a, MKM04, SM09b]. Compact
[AC00, ACY00, Bla00, CT09, Cui09, DZ00, HT00a, HT00b, Hix00, KMJ01,
Lai02, LS02c, LC01, MF00, NWZL08, PKP01, PS08, Pir02, PM00, Tol02a,
Tol02b, TS02, Zha02, AV05, AZ03, BACFT05, Boe05, Cap08c, Cap09,
CHB09, CL08c, CS09, DE06, DS06b, GG09b, IQ08, JAK05, Jor07, Kim07,
LSB04, LL09, NLF03, NI03, NF09, NS05, PKD07, Pyc04, PS04, PSG05,
RL203, SGD03, SJD05, SDR07, SLV09, SYG06, SS05a, SZ05, STZ07, TD07,
Tol08, WZ09, WF06, ZJS08, ZYHS07, KG09]. Compact-Difference [MF00].
Compact-WENO [Pir02, CHB09, RLZ03]. compactons [RV07, RV09].
Comparative [KKS07, GLLX08, MC06b, SB06c, TPVG06]. Comparing
[WLC+08, ZRS06]. Comparison [AV02, Bar02b, Boy02a, BUEG06,
CMOV02, Fas03, GH03, GHV00, GC02b, HDC02, KMSH08, KN04, Mac00,
MRS09, MBS03, QS02, SS01a, WPM+02b, YFS01, Yua0a, ZDNP00,
ABRR09a, ABRR09b, BRB03, CNGM06, Eq07, EHS+08, GR04, HS04,
IITV07, KSW07, LTD+06, Lov04, NGD05, SSS+07, ZKDT07].
Comparisons [LMX+08, MP01b, CGM03, GMS06, PR04a]. compatibility
[RVDM09]. compatibility-constraint [RVDM09]. Compatible
[CB00, BBC+06, BAFLO9, LC06b, RK07]. Compensated [PSM08].
compensation [DL03b]. Complement [ACS00, ACL03]. Complete
[CL08a]. Completely [XY01]. Complex [DDH01, FVOMY00, KK01,
MF01, RR01, UMRK01, AB05a, AMP09, BYZ04, BGS08, BGN03, BHP07,
CHM08, CB03, COER07, FLE07, GS07, GSB03, GS05c, GN07, Had05, HM08,
HHMK05, JL09, HJ04+09, LSL03, LG04, L Z09c, LV07, MCM04, MCC04,
MDB+08, MMB07, MK06, Pop03, RJ06, RE05, SY03, SC08b, TAL09, TF03,
SV03, XL07, YLF05, ZJW08, dSMF09]. complex-step [CB03].
Complex-Valued [MF01]. Complexity [PM07, PWW09]. compliant
[LTWW07]. complicated [SZS03]. Component
[YL01, CKLS05, CL05, JV07, Ma07, MZ07, MCM09, SS04, TZ07a].
Component-Wise [YL01]. Composite
[BM01a, Dri02, GA09, GL06, HC09, Jor07, ZC09]. composites [WP09].
composition [CP03a]. compound [Hau08a, Han08b]. Comprehensive
[VH05, GB03]. compressed [HO08a]. Compressibility
[HDC02, VLKM02, BCDR06, Ber06a, KKS05, SD05a, SD05b]. Compressible
[AK01, ACK02, BCK02, CFA01, CR02, DLS+00, GS02, Han01, HH02a,
LC01, PRR00, Ros00, SLY02, SBG00, Shy01, SFMP06, Sun00, SPW+00,
TSB01, WLE+00, WZ00, Xu02a, vDvdV02, AS03a, BSKH07, BKST09,
BAL06, BLM08, BL09c, Boe05, BB08b, CPR05, CL07a, CL08b, CHB09,
CJ09, CS07a, CZ09, DT04, DP07, DP08, DND06, ECL02, FK07a,
FOLD05, FD07, GKW07, GFS08, GMD07, GR04, HJ09, HH08, HM04, HM05,
HK04b, HAK06, HAI09, IAT08, JC06b, KG08, KK05c, KK05d, KK05b,
KvdVvdV06a, KvdVvdV06b, KrVvdVvdV07, Kok09, KSGF09, Lar09,
LMX+08, LFS07, LFX05, LSO7, LLS09, LJW09, LDP08, LKW05, LV07,
LP07b, LCS09, LDV08, LSW06, LB03b, LJ06, LBL06a, LBL08, LHZ+06,
Ma09b, Mai09a, MM03, MTWW06, MC06a, MB04, MSS08, MLS+05,
MBP07, MG05b, NOG08b, NGvdWS09, NDT06, NT07]. **compressible**
[OF06, OPML07, PDHP07, PS05, PvdV08, PFSL07, PWM06, QA09, QLK07,
Ros03, Ros07, SFDL07, SPB09, SWK06, SM06a, SMB09, Shy06, SY03,
SC09b, SK03, SCN07, SN08, TW07, TT09, TMD+08, TW05, TT06c, TR07,
WA0+04, WTL08, WM09, Xia04, XAI06, XLP05, ZGG03, ZSC08, dTDI+07].
**Compression** [HHCL01, dCNHSD07]. **Compressive** [CLLG09]. **Compton**
[DWLM09]. **Compton-scattering** [DWLM09]. **Comput**
[ABRR09b, CL08b, HMS08b, HY11, HLW06, JJGL07, Lwu06, Mi07,
SCC+03a, WZL09b, ITW09]. **Computation** [AIRY01, BCB03, Bae03,
CS00, CGSS00, DDG02, DD05, DP00, EKK02, GG00, GM01b, GKL00,
GM01c, JTB02, Khe04, LRS07, MS01, NR01, PK07, PSN00, RS06b, Sh07,
SF00, hRT02, VLKM02, Wec02, WZ00, BBK07, BJP04, CWJ07, CFM09,
DBB06, FRS08, GT09b, GWX07, GMS04, GMS06, H08a, Heu03, HL09,
JD09, JX07, LKM01, LBL04, MC04, MGCR07, MT08, NL08, OB06,
OH06, PL5+09, RJ06, RC06, Ros03, Ros07, SP05a, SKK05, TZL05, TJ09,
Tuc03, UTBV03, VCT09, WLT08, YC06a, ZSW03, Zw05, ZIP06, dSMF09].
**Computational** [BMRS02, BCE+09, BPS03, Bor03, CL01b, Dar00a,
HM02, JY08, KM02, KMR00, Myo01, OP02, San04, SHA08, SSD00,
SZS01, Ab06, AK09, AHNS09, Bod06, CFR04, Cap05, Cap06, CKPW07,
Dem04, FVE04, GWF+07, GE07, Kim07, LB03a, MRS09, MJ06, Meh04,
MGS07, MT07b, Myo04, PBH04, Roy05, WZL09a, WZL09b, YZL+06].
**Computationally** [EHD08, LLRP09]. **Computations**
[AK01, CAL00, DIV00, ES03a, Fre00, Gos02, HHCL01, JK00, KKR01a,
KKR01b, KlvBvL02, SS02, TBE+01, BB04b, BdBvB09, BLM04, BCR05,
CWL08, DH07, EG08, GS03a, GKE04, HP04a, KM03, KKL08, LJW07,
MKLU05, MK06, NA08, NJX09, RMV03, SMS04, TZ03, Tan08, VOD08,
XLM07, XP04b, XHC08, YP06, Yan09]. **compute** [CXB08, CB07, VBL04].
**computed** [MLSD07]. **Computer**
[Ot00, VP00, FSS03, GH03, KKD08, LL06b, Lyn08, MC09].
**Computer-Aided** [VP00]. **Computers** [AKY01]. **Computing**
[BNPN06, BLW01, BBK06, CF06a, CGL06, CCJ07, CEL06, DK06, DK02a,
FCT07, Fre00, GST00, Han00, HLM07b, JLOT05b, JLOT05a, KG03, LM08b,
LAKD08, dIFMBdIMF02, Ovt08, PS01, RS00, SP07, SP00, TMN07, Wu02,
BW06, BCL06, BS08a, Boy03, CRT09, Cee05, CL07a, CL08b, Chn09,
CJR04, Ja07, LLS09, LW07, LW09, MR06b, SDR07, SH07b, SVK06, Sus03,
Vos06, Wen06, XMP07]. **concentrated** [DMHP07]. **concentration** [Bil05].
**concentrations** [Wen06]. **concept** [HF08b]. **Concise** [VQSZ02].
Condensate [VCTS02, BT03, CKLS05, CLS05, Yam05]. condensates [BW06, BCL06, BS08a]. condensation [BJM03]. Condensed [BS07].

Condition [AGP01, LFK00, Vay00, WHV+00, APQ03, BYS08, Car09, DS05b, FGP08, GV08, GP04, GK07, HAS05, Hu05, KDO05, KLO4, Li08b, LD04, Ten03, XD07]. Conditional [LLY05, MT04]. conditioned [ILL09]. Conditions [AC00, ACY00, AGH02, DGM00, DKSW01, Eli02, FT01, FSY00, Giv01, GVT01, Gro00, JL02, LOK01, MPC01, MPC02, OB02, Pet01, RC00, RTT01, SYF01, VDM+02, YFS01, AST07, AM06, AB03, AB09, Ata04, AG08, BNV08, BBD04, Ber07, BA03, Bra08, CGMS06, CBI+04, DH09, EZ08b, Eli07, FE04, GK04, GE07, GT09c, HM08, HK04a, HZ08, HEN09, Hel09b, HLL08, HSC09, HF08b, IK07, JM05, Ke05, KB06, LW04, Li08b, LP06b, Lin09b, LDV08, LZC04, LCCG05, Mai04, MTH08, MJ07, ND04, NN04, NMS07, NB04, OPML07, PH08, PK05, PWM06, Pro05, Pro07, SN09, SS05c, So09, zSW06, zS06, SK03, SCN07, SN08, THL06, Tan08, Tem06, TE08, TS08, Tsy03, XHW07, YE07, Zhe06, dA04].

Conducting [CPK02, Kan02, DND06, PL09a, RVVL09]. conduction [AMXL09, DQ04, FHLO08, GIA+07, GIA+08, GL06, JG09, MR07c, Mou04, Ols07]. conductivities [YWC07]. Cone [SS01b]. Confined [OL01, BWLM09, Chr03, PC08, VB08b]. Confinement [SUW01, Gos04, SKK+08]. Conformal [ZSV07, CSML06, Hum05, LMS04, NCW+09, OK07b, VZSL07].

Conforming [VR02, CCV03, CEH09, KT06, SB06c]. congruent [AD04].

Conjugate [PKvdB00, AMLC08, Fen06, HC09, Ovt08, Yan09, YLD09, ZW03].

Conjunction [TK00]. Connected [BMQ02, HJ02, VRM07]. Connecting [SZ00]. Connection [Lio00, Xu01c, VLW07]. Connectivity [SJ02, TB00b, SS09b]. Conservation [Asl01, BJ00, Bar02a, BIS07, CWT00, CDKP00, CRD02, FGG01, FMO00, GC01, Han01, JTB02, KH09, KT00a, LL00, Noe00, Per00, Sti02, TS01, Vas00, VS02, Wan02, WL02, YL01, ZSP02, ZYC02, AKLMP09, BAF09, BT05, BBCT09, BCCD08, BP03, CLG07, Cap08a, Cap08b, CP08, CGK06, CD07, ChM07, De 04, Edw06, ÉGP09, FS09, FL06, GV07, Gui05, HLMM07, HM04, Hub07, HO03, JR09, JTL09, KI05, LL03c, LW06b, kM07a, MY06b, ML08, MES09, Mil04, PDL09, RLZ03, RCD05, SW04b, SYG06, SAM05, SML06, SZL06, SR09b, Tak06, Thu08b, TT04, TT05b, TT06a, TT06b, TH07, WZL04, WG09, X05a, YZF07, ZYL+06, vDZ06]. Conservative [Abg01, AK09, CBKM00a, CBKM00b, CL01a, CFJ06, CRD02, DLS+00, FSB01, FK02, HLS02b, HEM00, IAT08, JGG06, JGL07, Jan00, KKL04, LM04, MF01, MC02, MG09, NTV01, NT02, No00, OF02, Pi02, THD09, Tó02, VK05b, XY01, AK06a, CS07a, CS06, CS07a, DP07, DP08, DMP08, DBB08, EB06, FS09, HHMK05, HKAH06, IITV07, IKS+09, KD09, KP09, LKS09, MS03, MM03, MC07c, MVO04, NM+07, NH+07, NGvdWS09, OK05, OKZ07, OK06c, RVDM09, RAD07, RSTB03, SZC09, SYC09, SS07b, SA09, SPGR06, TL06, TOY09, WAO+04, XP04a, ZGK09,
ZWS07, vBK03]. conserve [IG05, SHP07]. conserved [XMP07]. Conserving [BS00d, KKGL01, OMG02, BYS08, DOW08, DBS06, JLO4a, KJ09b, BYS08, VU04]. Consistency [MPC01, MPC02, BBC+06, Dom08, LSW08, ZH04]. Consistent [BKR+01, LOK01, MJ07, Ni09, OB02, SUW01, TE08, WHY+00, XLM07, AJ09, AL08, BEA09, CLMRP08, DST07b, Gra06a, GS03d, IK07, IR09, LG03b, OL01, RHPN09, SC09b, SCC+03a, SCC+03b, SC09b, WAO+04, ZSTC06]. Consisting [CFA01]. consolidation [BFG08]. Constant [HS04, BMDS05, ET06, HA09, SD05a, ZZ09]. constant-volume [ZZ09]. constants [Hei05, LTL+09]. Constitutive [CT07, CPG04, TdAAP08]. Constrained [CBMO02, HSM08b, KM02, PGB05, YXU01, Abr06, Abr07, Abr09, AT05a, BTWgBW07, COV04, GS05b, GS08, HSM08a, HS09b, IX09, KSS09, LPK05, Li08a, LD04, PM08, TFD06, TA06, UYK+04, YMW06, Zie04]. Constraint [BFG08, Tô000, Yon01, Abr09, BLS08, RVD09]. Constraints [LCS02, OS01, Kau03, MS08a, MC07a]. Construct [STiST02]. Constructing [LJS08, Aza07, Aza09, Che07, YC09a]. Construction [AM03, AM04, BBD04, FDD09a, GC01, MVM02, MY06b, Obw02, QSO2, VSMW01, CK08, DBTM08, GLM07, GD06a, MGS09, VGCN05]. Contact [DK02a, KJ01, PM02, RRL01, AZB09, Khe04, Spe05, VP09b, WAO+04, ZGG03, ZGK09, vLAvdV06]. Contacting [VQLZ04]. container [SJ04]. containerless [AD03]. containers [FBHV05]. Containing [CL00b, FMM00, CGDT09, DP07]. Contents [Ano07d, Ano07e, Ano07a, Ano07b, Ano07c, Ano07u, Ano07v, Ano07w, Ano07x, Ano07y, Ano07-27, Ano07-28, Ano07-29, Ano07-30, Ano07-31, Ano08u, Ano08v, Ano08w, Ano08x, Ano08y, Ano08z, Ano08-27, Ano08-28, Ano08-29, Ano08-30, Ano08-31, Ano08-32, Ano08-33, Ano08-34, Ano08-35, Ano08-36, Ano08-37, Ano08-38, Ano08-39, Ano08-40, Ano08-41, Ano08-42, Ano08-43, Ano08-44, Ano08-45, Ano08-46, Ano08-47, Ano08-48, Ano08-49, Ano09y, Ano09z, Ano09-27, Ano09-28, Ano09-29, Ano09-30, Ano09-31, Ano09-32, Ano09-33, Ano09-34, Ano09-35, Ano09-36, Ano09-37, Ano09-38, Ano09-39, Ano09-40, Ano09-41, Ano09-42, Ano09-43, Ano09-44, Ano09-45, Ano09-46, Ano09-47, Ano09-48, Ano09-49, Ano09-50, Ano09-51, Ano09-52, Ano09-53, Ano09-54, Ano09-55, Ano09-56, Ano09-57, Ano09-58, Ano09-59, Ano09-60, Ano09-61, Ano09-62, Ano09-63, Ano09-64]. contents [Ano09-65, Ano09-66, Ano09-67, Ano09-68, Ano09-69, Ano09-70, Ano09-71, Ano09-72]. Continuation [SML02, BHL07, BHP07, CKL05, SGAS04, SO08]. Continued [Lin01, Ano07d, Ano07e, Ano07a, Ano07b, Ano07c, Ano07u, Ano07v, Ano07w, Ano07x, Ano07y, Ano08u, Ano08v, Ano08w, Ano08x, Ano08y, Ano08z, Ano08-27, Ano08-28, Ano08-29, Ano08-30, Ano08-31, Ano08-32, Ano08-33, Ano09y, Ano09z, Ano09-27, Ano09-28, Ano09-29, Ano09-30, Ano09-31, Ano09-32, Ano09-33, Ano09-34, Ano09-35, Ano09-36, Ano09-37, Ano09-38, Ano09-39, Ano09-40, Ano09-41, Ano09-42, Ano09-43, Ano09-44, Ano09-45, Ano09-46, Ano09-47, Ano09-48, Ano09-49, Ano09-50, Ano09-51, Ano09-52, Ano09-53, Ano09-54, Ano09-55, Ano09-56, Ano09-57, Ano09-58, Ano09-59, Ano09-60, Ano09-61, Ano09-62, Ano09-63, Ano09-64]. contents [Ano09-65, Ano09-66, Ano09-67, Ano09-68, Ano09-69, Ano09-70, Ano09-71, Ano09-72]. continuity
Continuous-time [CVE06]. Continuously [MM07]. Continuum
[AA02, BS01, EH02, BB09c, FK09a, HW08, KZ06, KAA+07, LSL08, LZ04,
LCNR07, MMKP08, Ren07, SKS08, SWB+06, SSE03, SB06b, SBS07, SBC04,
TKH09, WL03, WWK05, ZL09, ZRS06]. Continuum-atomistic [LCNR07].
continuum-field [HW08]. continuum-particle [ZL09].
continuum-transition [LSL08]. Continuum/DSMC [AA02].
continuum/particle [SBC04]. Contour
[CPP02, SJ02, SLF08, SAKD05, SD06, VCM00, XCY06]. Contouring
[Str01a]. contracting [PK07]. contraction [APP+07, TCM05]. contrast
[GL06]. Contrasts [VSMW01, EG08]. contravariant [LB04]. contribution
[GLM07], contributions [FSS03]. Control
[AJG01, HGM+00, KMA+01, PGN08, RV00, Aza06, BC08, CC07, CY05,
FLB03, GKD09, GL09a, HKM07, HZ07b, HN03, HS04, KKL08, MK04b].
Controllability [HMPR07, MHPR08]. controlled [CP04b, IG05, LG03a].
controls [ZJW06]. Convection [ART02, Alb00, CWT00, GZ01, KLN*01,
Kul01, KT00a, MPP01, SZ01, SWL00, Str01b, TC02, vdSE00, ART04, AZ05,
BK07, CA06, CEF09, CS09, Cho05, CS07d, DGH08, DR09a, EKP06,
EKP07, FBH05, GZ07b, HK06, ID04, KKS05, KZ04, KW08b, Kuz06,
LCW04, LDW07, LS05a, MZ08, MC09, NPC09a, NPC09b, PS03a, PSC04,
PSW09, TD07, Tol07, VU04, VBJ08b, WD07, You06, ZGT06].
Convection-Diffusion
[CWT00, KLN*01, Kul01, KT00a, vdSE00, CS09, CS07d, DGH08, KZ04,
LCW04, LDW07, LS05a, NPC09a, NPC09b, TD07, You06].
Convection-Diffusion-Reaction [SWL00]. convection-radiation [BKS07].
convection-reaction [HK06]. Convective
[FH07, GHG01, PR01a, Ata04, Bil05, FP08b, KG08, SPM09, Sus06].
convective-diffusion [SML09]. convective/absolute [Sus06].
Convergence [CLMR08, CAL00, DCV+01, GTRB09, GTD+02, GMH06,
G01c, KDK+07, LZ07, Lee05, PS02, PFB01, Sf00, STR07b, SPW+00,
BAR08, BB08a, BS09a, C09, DVHM05, GS06b, GP05, Hel09a, HT03,
HJ06, JS07, KJ09a, KS08b, LY07b, Maz06, NOG08a, NvL03, ODAF07,
PB09, SBA07, SY03, zSW06, zS06, Tor03, TB04, Tow08]. Convergent
[DDH01, deM02, Gon07, JTL09, MGC06, TCM05, VSW04, VSW06].
converging [Boy09]. Converter [KMA+01]. convex [HJJ09]. convexity
[De 04, XP04a]. Convolution
[RM01b, WPW02, BKM09, Boy06, GvH06, WZ07]. Convolution-Finite
[WPW02]. Convolution-Thresholding [RM01b]. COOL [CGC+09].
Coordinate [Bon00, FK02, HK01, MC00b, Wu02, HWW07, LRS07, LB04,
SS03a, WS04, ZKDT07, dHRvdB07]. Coordinates
[BM02, CSS00, CL02, NC01, VR02, A108-50, BN04, CJ04, CK07, DB04,
GYKL05, KRT+09, LGHD08, LPK05, Mea04, MVO04, Nik06, NB04, OBT06,
SR09a, SM09b, SHY07, VRM07, WAH09, XLP05, Yam05, YHSX07, vdHK07].
copper [ZSB+08]. Core [TR02a, HSC09, SW08c]. core-spreading [HSC09]. Cores [CKS00, LLB05, Thu08b]. Coriolis [AKO09, HC08]. Corner [HO08a, Boy05a]. corners [Boy03]. corrected [BS08b, CL05, CL08d, FWW04, MB04, Str07a, dFGLS05, dFJS09]. Correcting [SHP07, SK04a]. Correction [AV03, KLN+01, KT02, MD02, MOS+00, MPC01, MPC02, SM09b, ASPB03, BLM03, Che03, CL07b, DL03b, FG04, HJM06, HJM07, JH08, LM04, MTV08, NVD05, PG04, RVM07, RVD09, SL07, Wa03, WYS09, WS09, XYK05]. correction-based [WS09]. correction-lattice [SLC07]. Corrections [BC02a, THN+07, VGCN05, X505]. corrector [CPKW09, CMSZ09, LRS09, TWYC05]. correlated [KS08b, AGT05]. correlation [LL04a]. correlations [MPD08]. correspondence [PHKF06]. Corrigendum [LLIK01a, MKM04, SCC+03a, dTWD09]. cosmic-ray-hydrodynamics [Min07]. cosmological [RHPN09]. cosmology [WJV07]. Cost [LC06a, BCE+09, LQ06]. Cost-effectiveness [LC06a]. Couette [LR03]. Coulomb [AKV00, DWC+09, GH02, GM01b, HB05a, KK00b, Lar03, LWDA09, LJK09, PC02, Saf00, Saf02, She08, SS01b, WLC+08]. Counting [Bow01]. Coupled [CFM09, DE02, FLE03, GA09, KZ06, Man02, MC02, NVD07, SP00, VDM+02, AK06a, Al08, AMS04, BKS07, BBDE05, BFG08, DSM09a, DH07, Doh09, Eld08a, GT09b, GGS09, GFR09, GGCC09, HBLD07, HMM04, JG09, KLS09, Mou04, NVD05, NGC+07, OS07, ODC07, PR04b, PC06b, RB06, Ren07, STD+05, Sus03, TC09a, WLC+06, YLL+06, YLD09, YSS05]. Coupling [BQQ09, CPT01, Dar02, Del03a, Fed02, GTO00, GB08a, GL09a, SSE03, UH01, WL03, WK01a, YMF01, AHMS03, AL08, BCG09, CPK09, CEL07, CS07c, CC08b, DM03, DDM07, DTM06, DST07b, ED07, IA06b, KY07, LMK09, LM03b, MMS04, MU09, NM09, Pon06, Yam05]. couplings [VZSL07]. Courant [KDO05]. Covariance [SL06]. Cox [MR01]. Crack [ADIM09]. cracks [Oh04, PL09a]. Crank [Han00, KW08a]. Creation [OMG02]. Creep [Sie08]. creeping [Kro01, Kro02, MR06b]. Criteria [SV00, CHM08, LG09]. criterion [KP08]. criterions [HX05]. Critical [AV02, GGL+01, KJM01, MA06, HAP05]. Critique [Mac00]. crossed [HDBW05]. crosswind [BEG03]. Crystal [JK02, LS02b, NDG05, BS05, CW08, DQA08, DBB06, GJK09, HWL09, Lap03, LL06a, LL07, PSC03, Sau04, TBT+09]. Crystal/Melt [LS02b]. Crystalline [EH02, GM04, GM06, Tan08]. crystallization [Lap03]. Crystals [CD00, DGP00, KM02, BS06b, Chr03, D05, LR07, ON08, YLA08]. CSP [VGCN05]. cubed [CX08, Cho05, PL07]. cubed-sphere [CX08, PL07]. Cubic [CP04b, Lay02, BIS07, CL09b, PSC04, Zhe06]. Cumulative [ANO00-28, Ano01-28, Ano02-28]. curing [LJ09b]. Cures [KRRH03, PD01]. Curl [CL06a, TR02b, Wel07]. Curl- [CL06a]. Curl-Preserving [TR02b]. Current [Ver01, BCDW06, BO04, CBC09, CDV05, EPW08, FM06, LTD07, NMM+07, NMH+07, SK05, VTC+07, Wea09]. current-carrying [CDV05]. Currents [JTB02, GC07, Pee03, SK08a, VBL04]. curse [KDO05].
curvature [Bur05, HSV07, ML06a, Shi07]. curvature-dependent [Bur05].
curvatures [RMB07]. curve [CFF07, SK07a, WSTW09]. Curved
[MSY00, Chr04, GH08a, JJGL06, JGGL07, JY08, KY08, KAK03, KB06,
NGC+07, QP03, RBL04]. Curves
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[BM02, BG08a, JMK01, MR01, NC01, SK05, SCD00, VR02, VG02, XZC02,
BN04, GS07, HW07, KL08, KTH+09, Kok09, LB04, Nli06, VRM07, WS04,
Yam05, vDK07]. cut [FD07, LTD07, RCB05]. cut-cell [FD07]. Cycle
[GHV00, BPM06, SLC07, XYK05]. Cyclotron [OL01, GLS03]. Cylinder
[MSY00, Chr04, GH08a, JJGL06, JYGL07, JY08, KY08, KAK03, KB06,
NGC+07, QP03, RBL04]. Curves
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BN04, GS07, HW07, KL08, KTH+09, Kok09, LB04, Nli06, VRM07, WS04,
Yam05, vDK07]. cut [FD07, LTD07, RCB05]. cut-cell [FD07]. Cycle
[GHV00, BPM06, SLC07, XYK05]. Cyclotron [OL01, GLS03]. Cylinder
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NGC+07, QP03, RBL04]. Curves
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decoupling [GB08a, RVM07, SMA08].

deduction [RP08b].

dedication [RB08c].

deep [SW07].

depth [SW08c].

depth-of-atmosphere [SW08a].

depth-of-deeply [SW08b].

defeating [Boy05a, Boy05b].

defect [CLL07a, KH08, PG04].

defects [DDG02, VDM+02, HK06].

deferred [BLM03, HJM06, HJM07, JH08, LM04].

De-nagration [GP00b].

De-nagration-to-Detonation [GP00b].

De-dated [AMLC08, VSMW01].

Deformable [TC02, ZD00, LL07, ZEA06, ZD05].

Deformation [GH09, LLdlP+00, DLW06, FKK08, JA08, LS08, LQX06, MDM03, PS03b, SCR08, VQLZ04, XMP07, ZK05, vZdBB07].

deformations [CGDT09, DT03, FGS09, MV08, ZFM08].

Deformed [AD01, AKL+08].

Deforming [VG02].

Degasperis [FL09].

degeneracy [GS05a].

degenerate [BAR08, WC08].

Delaunay [GS09b, LQX06].

delay [GKE04, KG03].

delays [BCK09].

Demonstration [TWS02].

dendrites [TZ07b].

Dendritic [ART02, EKK02, GW02, PK00, ZH01, ART04, DQA08, TZ06, TZ07a, WLT08, ZGT06, ZVP03].

Dense [Sni01, FY07, LMV04, LZL03, MEKS03, NFvS+06, SH07a, WWK05].

dense-gas [SH07a].

densities [BCDW06, SK08a, Sti05].

Density [BKR+01, CYK01, C04, FS00a, FS00b, GBS00, GQ00, Lou00, NFvS+06, OS01, Pai01, SBGK00, Ver01, AT09, CCG08, Chr03, DDBP08, DSS07, FHW07, GS09c, HJFW04, HA09, IOTK04, Küm04b, LL05, LP06a, LF04, MP05, MP07b, MJ07, MDR07, NMH+07, Ni09, PS07d, RVM07, RVDM09, Sam09, SF03, SD05a, SD05b, SE04, SDT08, Sur05, Tok06a, YZ07, ZSC06].

Density-Functional [Lou00].

density-functionals [Küm04b].

Density-Stratified [Pai01, SE04].

Dependent [AGH02, ACS00, EL01, Gen01, Nys02, RTT01, VR02, AZB09, AFGM07, ACLS03, Ata04, BIW04, BH05, Bur05, CT08b, C07, DL04, DR09a, DKS+03, F03, FKL07, FH03, GN03, GP04, G07, HDBW05, JBHK08, KW03, LWG03, LP04a, LB04, ML05, MU09, OMPM07, RCD05, RVW05, SV07, Ten03, WR03, WS04, YF09].

depending [Tok06a].

deposition [AM04, CK07, RVW06, ZK04].

Derivation [MV08, Z05, AI09, LT09a, OF06, SD05a].

Derivative [TT06a, CB03, Jar04, KLYB07, RC09b, ZW04].

Derivatives [ELC02, Giv03, BEE06, BHR04, Doh09, Gro06, Gro07, HK007, MN04, ND04].

derived [MC07a].

descent [CSMH05].

descending [CLTA07].

Description [SUW01, CHBS04, HS09a, LGKP07, LL03b, LJS08].

Design [GGF03, HFO01, KV01, LTL+09, SW00, WD07, XYK05, BHS03, CBGI09, FK09b, Hab04, Kuz06].

designing [ERVE09].

detachment [BHL+04].
details [DTS05a]. Detection [GKL00, AGSX09, HD07, PW07].
Determinate [Boy02b]. Determination [Dic08, GM01b, AKL+08].
determining [EN06, Pee03]. Deterministic
[ELC02, BCCV09, Cha07a, GS05a]. Detonation
[BJ02, BSJ01, GP00b, CDS04]. detonations [HAP06, TV08]. detrended
[Ham07]. develop [LS05a, Rah04]. Developing
[DZ00, DF00a, FE04, KSJ03]. Development
[BW02, CKR00, CR00, EKP06, FT06, FCB02, sKKRH03, MEKS03,
SYC09, SSD00, To07, To08, WLC+06, Xu01b, YS07a, ZJS08, CS09, Hig05].
deviation [HH07c]. Device [DE02, CGMS06, CELS07, LSS+09]. Devices
[AIY01, MP01a, MP02, ST01, And09, CGMS03, CL03a, CL05, FH07,
GS06a, dFGLS05]. Dey [NCW+09]. df [Chr03]. DGBGK [NJX08a].
diagnosis [HM09]. diagnostics [ACGV07]. diagonal
[Boy05b, Lur07, To08, UL06, WC07]. Diagonalization
[TR02a, CP06b, WC08]. Diagrams [DSS00]. diameter [AV03]. diatomic
[Myo04]. dielectric [CDJ07, DBF08, DC07, EG08, Mar06, ZK05].
dielectrics [WC07]. Difference
[AC00, ACY00, ADK00, ADK02, Aze02, BR09a, BC02a, Bla00, CS01a,
CBB01, FVOMY00, FK02, GHV00, HLS02b, HGN00, JL02, JMP02, KJM01,
MP01a, MP02, MF01, MF00, Nic00, NC01, PK00, POS00, Rem00, SV00,
TK00, VCP00, Vso00, VCT02, VG02, WA02, YP01, ZZ01, AE03, BS04a,
BG07, Boe05, BMS05, BSP06, CHH06, CdHST08, CN05, CYS06, CS06,
CS07d, Cui09, DMBS05, DDBP08, DS06a, FDD09a, FDD09b, FK07b, Gro06,
Gro07, GH08b, GLT07, GL09b, GL08, HP04b, HWL09, IK07, IM05, IM07,
IQ08, JD09, JAK05, JM05, Jom05, Kim07, KPP07, KPP09, LG08, LJW09,
LX07a, LMS04, LS06, WV06a, LLTA07, LS09, MN04, MN06, MST06,
MSP+06, MG06, MV04, NIH06, NI03, NF09, PAD07, PYC04, PH06, PH08,
Pir07, RB06, Rom07, SROCDPF05]. difference
[SHA08, SHWC07, SYG06, SS05a, SZ05, STZ07, SC09a, SS03b, SS05c, Sou09,
SB03, zSW06, zS06, SN06, SCN07, SN08, T09, Tan08, TD07, TD09, TDAP08,
Tow08, Tow09b, Tsn06, VPM04, WL07, WF06, XS05a, XS05c, YMM06,
Yus06, ZZ07, ZH09, ZYHS07, dSHHM05, dVGLM09, CBKM09].
difference-type [WF06]. difference/spectral [LX07a]. Differences
[BBHM09, DF00b, To02a, To02b, Boy06, IOTK04, Kum04a, LRS07,
MLSD07, Tow09a, WZ07]. differenting
[CM02, HH07b, Jom07, Liv07, LC06b, SZC09]. Different
[WK01b, NW07, QKS06, SD05a, ZQ09]. Differential
[AGT02, ABGV02, BCS01, CKL00, GTD00, HMS08a, HMS08b, Hua01a,
MF01, MOvL00, SCD00, Tuc03, VB00, APR09, AKV06, AGT05, AS04a,
BV05, CP03a, Chu09, DI09, EN06, GK03, GKE04, GBS06, HR01, HJM07,
IAT08, IDD04, KG03, LP04a, LdCICN+03, MZ09, MP07b, MK08b, MS04,
MT04, Ngu07, Ngu08, PSD09, PCS+09, RBvd08, RM08, RS08, SRV07,
SKW05, SG03b, TE04, VSG05, WK05, YZW05]. differential-algebraic
[VSG05]. Differentiation [CSV00, BBB08, CP04a, GT05]. Diffraction
Diffuse Interface

Diuse-interface [Kim05].

Diffusion [AGT02, BKR+01, BMS00, CL00a, CWT00, DE02, EES09, GZ01, Gen01, HFO01, Her00, HGM01, JR07, JM00, KLN+01, Ku01, KT00a, Li01, MHS02, MR07b, MHS01, MKR00, NGC+07, OGV02, PK00, SWL00, SSG00, VDM+02, WDM01, vdSE00, AS03b, ACGV07, AZ06, AINR03, BAYZ08, BM05, BBHM09, Bar04, BBDE05, BM07, BM07, BSW05, Bur05, BEG03, BB08b, CLTA07, CS09, CP04b, CF06b, CS07d, Chr04, CS04, Cui09, DPN06, DGM07, DGH08, DL04, DUEB07, EULM03, FG04, FG05, FM08, GZ07a, GLM07, GT05, GL08, Her09, HG03, HMR08, HST09, IG05, JH05, KJ05, LK05, LK05, KYS09, LT05, LG03a, LH05a, Lar07, LWG03, LCC06, LC05, LLOT06, LDW07, LS05a, LX07a, LMS04, LSS06, LSSV07, LSV09, LOK05, LLGL07, LGM08, Lou04, MJ09a, Mad06, MM07].

diffusion [MP07a, MEK03, MMKP08, Maz06, MP07b, MG07b, MSP+06, Moo03, Moo07, MT07b, MK03, NV09, NZ05, NPC09a, NPC09b, Nis07, OS04, Ols07, PS07b, Pud06, RSM05, RBH03, RSO04, RS05, RS09a, SCT09, SW04a, SH07c, SO08, Sou09, SLM09, TMS06, TM07, TD07, VSV03, VSH04, WG06, X09, You06, YA05, YS07c, YS08, Yso06, dFGLS05, dFJS09].

diffusion-controlled [IG05, LG03a].

Diffusion-type [Lar07].
diffusions [Buc05, LN09].

Diffusive [Azm02, JP00, TAL09, XS05c].

diffusivities [PSZ09].

Diffusivity [ML01b, FL07, KL08].

dike [LTD04].
dilatation [BS04b].
dilute [DFV08, Fox08].

Dimension [HA02, JW05, BK04, BFT07, Boy03, CDDL09, Cec05, COQ06, GZ08, JW03, Min03, Min04, WO05].

Dimensional [AJG01, ART02, ACS00, BMR01, BM01, BMRS02, BdLL01, BZ01, Cal02, CRB00, CWT00, CM002, CD00, DM00, DCV+01, Del01, DK02a, DOWB01, Eli02, FV000, FS00a, FS00b, Goe00, HK01, JW02, KK00b, KP00, LL00, LCS02, LK01, LMS02, Lou00, LW00, MR00, MR02, MC02, Pai01, PkvdB00, PL01, PW+02, RV00, SHW00, SJ02, Sni01, VD00, VD02, VS02, WK01a, WL02, Yua02, ZSP02, ZYC02, AvdB04, ARR09, ART04, AK05, AV03, AC05, AB03, AK09, AI09, AT09, AMS04, AMSZ07, BTW04, FEC04b, BS04b, BS04c, BDCG03, BM07, BBK07, BH05, BH04, BHP07, BL03, BCI+08, Cap06, CQ04, CKWP07, Che04, CC07, CS09, CR09, CFG05, CY05, DCF+08, DIL03, Dim07, DLP08, DI09, DS09b, ECL02, Eli03, Eli07, FNS07, FR08, FS09].

dimensional [FHLK05, FC05, FK08, GS09b, GB03, GP04, GGP06, GWF+07, GM04, Gos04, GM06, GKE04, Gro06, Gro07, Gui05, HT07, HZ08, HZGB05, HP04a, HD07, HAP06, HS08a, HT03, HGB+03, HL04, HL05, HWW07, IHL03, JVs07, JX06, JK07, JW09, KKS05, KH05b, WK05a, KL05, KL05, KKL05, KKL08, KAK03, KRO01, KL0+09, LK04, LG09, LSD07, LWP+09, Lee03, LZ09c, LDT07, LDP08, LS05a, LR07, LT09b, LL03c, LTD+06, LW06a, LT07, LL08a, LDV08, LJO9b, LP04b, Ma05, Mai09b, Mai09a, MMS04, MRRS05, MS07, MST06, MP03, Men04, MR04, MG08, MT07b, MGB09, NTYT01, NTT02, NTB07, NFA03, ODAF06, Ols07, OL03, PKKL05, PL04b, Ma05, Mai09b, Mai09a, MMS04, MRRS05, MS07, MST06, MP03, Men04, MR04, MG08, MT07b, MGB09, NTYT01, NTT02, NTB07, NFA03, ODAF06, Ols07, OL03, PKKL05,
Pon09, PA07b, Qs04, QLk07, RB05, RRC05, RS06a, RC06, SKW03
SBGK00, SSND03, SS07b, SP06a, SK04b, SCRL08, SS04, TM07, TOZ03
TM05, TPV07, TXCD07, TT04]. dimensional
[TT05a, TOY09, TC07b, TC09b, TG08, TA06, UL06, VGCN05, VVS08
VCG03, VD03, Wg05, WK04, WZL04, WW04, Wen09, Xia04, XAI06
XHW07, XG09, YAvdB+08, YYT05, YXLF05, YKK08, YW07, ZWS07, ZP05
ZH09, ZLAC05, Zhe06, ZQ09, ZT07b]. Dimensionality [MN09b].
Dimensions [BCMO01, LTZ01, LTZ02, Nys02, RWO00, SWL00, TNR02
CM06, CHL06b, CCG+06, Che07, DLW06, DR09b, EES09, GG04, GS08
GH02, GD06b, HLO08, HB05a, HB05b, JBF07, KLM05, LLP07, kM07a
MC08, MR05, Moo03, Moo07, NWZL08, RS06b, SBCL06, Shy06, TTT03
TT05b, VWW04, Wan04a, WO09, YBZ04]. Diodes
dem02, Bmk+06, DGM07]. diphasic [Del07]. dipole [KDK+07].
dipole-wall [KDK+07]. Dirac
[BL04, ETT05, HL06b, HJM+05, MG08, WT07b]. Direct
[BRL02, CSS00, FLG01, FLM08, GPH+01, HdgK08, HPZ01, Hhm04
JLDC01, KB00, KH07, PG02a, PWS+02, Ros09, SW08a, SP04, SL04
SCW+09, SB02, Ta06, UL06, Zs01, Amh04, Bhl07, Balw06, CTW+08
Chu09, CP04c, Dom08, FM05, FE04, GS06a, HK08a, HM05, JD04, Kk09
Kh4t+08, KSJ03, KS07, LDV08, LQ06, MTWw06, MC06a, MR05, MR07a
Mot08, Pet07, Pro05, SMS08, SP05a, TWM07, Uh05, WMH07, Ys07b
ZKd07, ZD08, GJKW07]. Direct-expansion [Ta06].
direct-forcing [YS07b, ZZ07]. direct [CSHM05, SMAJ08, ZXQX08].
Directional [NTY01, NTY02, SZ01, BF08, Kw08b]. Directionally
[BST01, BST03]. directly [BT03, CS07b]. Dirichlet [Bia03, GP04, Gk04
Gw03, Hw05, Hel09a, Hw03, JM05, Mili08, NR01, SSN09, TB00a, YLA08].
Dirichlet-to-Neumann [GP04, Gk04, Gw03, TB00a, YLA08]. Dis
[BBvdV06]. disc [He04]. Discharge
[CYKC01, KMA+01, hLao1, DMR09, SHPC09, SS04]. Discharges
[HK00, Hhm02, SPC01, SPCB08, SMSS07, UBR07]. Discontinuities
[Asl01, NFk01, BFT07, Boy03, FH03, Hn03, kM07a, Pri08, TJ09, TSH07
VVS08, WA0+04]. Discontinuity
[AGS09, WC01, KLO8, KYL07, ZGG03, Zho07]. Discontinuous
[BSJ01, BT02, BS01, DPC02, Gab07, GH02, HH02a, HA02, Hub08
LS00, LzC04, Mac07, MPFC08, PL01, RH01a, RBvdV08, YS06, vdVvdV06
Ain04, AB07, BCDR06, BDN09, BRC+09, BT08, BER04, BG05b, CT04
CD09, CC07, CELS07, CS07b, CS08b, CHG+07, CLS04, CFP06, DD09
DL08, DF04, DBTM08, ES06, FCJ08a, FCJ08b, FK07a, FOLD05, GLM07
GLMn09, Gir06, GR08, HH07a, HH08, JH06, JW06, KCGH07, KvdVvdV06a
KvdVvdV06b, KrvvdVvdV07, KWHB09, Kri07, KWD07, KDW08, LGHD08
LS04, LSZ08, LJS08, LY06, LX07b, LGM08, LBL06b, LBL07, LBL08
MRC06, MR06a, MGC07, MN06, MH08, MK07, NM06, NL08, NPC09a
NPC09b, OK04, PvdV08, QS04, QKS06, QLK07, RBS06, RC09b, SFE07
SMB09, WM07, WM09, Wg09, WKG06, XSS07, XS06, XS05b, XLS09a,
ZZFW06, ZQSD08, ZQ09]. discontinuous [vdXV07].

discontinuous-Galerkin [KCGH07]. Discontinuous-Pressure [BT02].

Discrete
[AS03a, BSJ01, Coe02, FF02, FGG01, FHLO08, GC02a, LL01a, MD02, Mar09, Mie00, PS07b, Poz01b, RTT01, SZ08, SS00, WPW02, AST09, BBC+06, Bea08, Boy06, BL03, CLS+06, CL07b, CT07, EULM03, Fen06, HV03, KWD07, KT00b, KSS09, LGP09, LK09, LC06b, MN09a, MY06b, MGS09, MD06, N070, PA07a, PSC+09, RVDM09, SFVK06, SC09b, WZ07, YZLH09, ZXQX08].

Discrete-element [Mar09]. Discrete-Velocity [Mie00].

Discretely [RC00]. discretisation [RJM07]. discretisations [Bal08]. Discretization [Bar02b, BMS00, DMR09, Edw00, ETT05, FMO00, GFCK02, JP00, LBV00, MHS01, NE05, PYC04, SC01, Tó02, Zha02, AMR06, AB07, AB03, AK09, BAYZ08, BB07a, BP03, BMD05, BSP06, CS08a, Dar02, GF05a, HH08, IS04, JHST07, KK05b, KYK07, LL05, LSS06, LCS09, ML06a, MVD04, MKY06, MZ07, MHP08, NOG08a, Ols07, PvdV08, RBLS06, RWS07, RS09b, SB09, SP06a, TAL09, VV03, VK09, VWW04, Wan04a, BT07b].

Discretizations
[Boy02b, WK01b, ZDN00, AD04, BHV06, CFR09, DWLM09, DF07, EV03, FDD07, FOLD05, FD07, HMP07, KvdVvdV06a, KvRvdVvdV07, KWD07, MGS07, MG08, MAN+06, NFGK07, SMB09, TW05, TR07, WM07, ZT07b].

discretized [Chm09, DL08]. Discretizing [Tow09a, Tow07]. disease [NLT07]. Disk [BD01, WB01, BK08, LT05]. Disks [dFMBdFM02].

dislocation [SVK06, WGS06]. Disperse [PO01]. dispersed [DDK06].

Dispersion
[CL01b, MBP00, PFB01, VBL07, ZF02, CS09, CLS09a, FK07b, Kok09, LS05a, LIT07, MST06, PGS05, SLV09].

Dispersion-Relation-Preserving
[CL01b, CS09, CLS09a, LS05a, PSG05].

Dispersive
[Ain04, CL01c, SW08b, BN04, BBMB07, BB04b, CJS08, GP04, KSH+06, LSY04, LZC04, MY09, MGS09, PC08, ZH09]. dispersively [SYC09].

dispacement [VQL04, ZVQ07]. Displacement-driven [ZVQ07].

disposal [KP07]. Dissipation [SVB09, Xu01c, VVD00, Dw08, LJ09b, PDP07, PK03, PM08, RV09, TD08, VBL07].

dissipationless [ZGG03].

Dissipative [HJS09, LM07, MF01, MPF08, WHV+00, AI04, AWK07, BBMB07, BB04b, PK05, VHI06, YS07a].

dissolution [JVV07, EE08].

Distance [MS01, RS00, hRT02, BBK07, JC06a, Tuc03].

Distorted [Her00, YS07c]. distortion [KK09, ZJW06]. Distributed
[SP05, BYZ04, BG05a, Boy06, CV06, DLM04, LJS08, VB08, WZ07, vDA06].

Distribution
[Abg06, CRD02, JK02, WB01, AM03, AM04, CS06, CS07d, DPR06, GW06, Huh08, NFvS+06, Nis07, RCD05, RAD07, BB09a, Ros08, SH07a, ZZ09].

Distributions
[CV00, Pop00, VS07].

Divergence
[Bar01, Bal09, DKK+02, MOS+00, SCC09, Tol02a, Tol02b, TR02b, AT05a, AT08, BRDM09, CL04, CEL06, LL04b, LD04, NMS07, TA06]. Divergence-
[TR02b]. Divergence-Free [Bal01, Bal09, BRDM09, CL04, LL04b, LD04].
divergence-preserving [AT08]. DLM [SL07a, Yu05b]. DLM/FD [SL07a, Yu05b]. DNA [GPL05, vHBB02]. DNS [DLM07, KIH09, Pro07, YG05]. DNS/LES [DLM07]. Domain [ARRS09, BIW04, BC02a, BCM09, CR08, CBB01, CC03, DDF01, GH00, GPH+01, HW02, MKL06, PS02, POS00, Rem00, SZB+07, Stu01, VDM+02, YP01, AvedB04, ABLS05, AA09, AL06, BCHL07, BG05a, BSLN09, BP08, BUEG06, BB09b, CdHST08, CELS07, CTT08, CWD08, CF06, CD07, DDD06, DGMN03, DLP08, FLE03, FK07b, HZ08, IQT08, JM05, KF06, Lau04, LW06, LV05, LL04a, Lt09a, LS09, LJ07, MVD04, MLSD07, MJ06, Mi08, MFL08, NH09, OMK09, PAD07, RAB07, RMV03, RJ04, SDR07, SHWC07, STD+05, SWZ03, SPT05, SL07b, SC09a, zSW06, zS06, SXYWX09, T06, VPM04, WV02, VNM07, VS07, VZSL07, Wag05, WC08, XMP07, YCL05, YSW06, YS07b, ZH09, ZS08, ZW06, dSHHM05, dHRvdB07, PP09]. domain-decomposition [BB09b, LJ07]. domain-type [BSLN09]. domain/finite [DGMN03]. Domains [ACS00, BC01, BW01, BMQS02, CR02, GFCK02, Goe00, HJ02, LKF00, MCJ01, PR01a, AST07, AC05, ACLS03, BB08a, BP07, CG07, CH08, CD09, DDD03, DDD03b, GS07, GF05a, GLL07, GLL09, IDD04, ILL09, KZ06, LG09, LF05, MAd06, MM07, MG07c, NN04, PL08, SS08, SC08b, YBZ06]. dominant [Edw06, TW07]. dominated [KIH09, TB06]. dot [HLWW04, HLWW06, VTW+07, Vos06]. dots [HWW07]. Double [Cho00a, Che00b, CKG02, CKG04, LS03]. double-Fourier-series [CKG04]. downwind [LWW04]. DPD [FPK08, SK06]. DPEM [LJ09a]. Drag [HGM+00, MK02a, LH05b]. Drift [BMS00, BZB00, DE02, BBDE05, DGM07, ESD05, GB+06, GD07a, dFGL05, dJS09]. Drift-Diffusion [BMS00, DE02, BBDE05, DGM07, dFGL05, dJS09]. drift-kinetic [GB+06]. Drift-Wave [BZB00]. drill [CP03b]. drill-string [CP03b]. Driven [AQV02, APQ02, DGA08, EAY01, S01, Str01b, AK05, CB07, CTS05a, DTS05b, GZ07a, GZ08, GGP06, HK08, MY07, MP05, ML04, OK06b, Pau07, Pop09, RWM07, SW04a, VQL04, ZV07, ZZ09, VS09]. Driven/Time [VS09]. Drives [WB01]. Drop [CBL01, CB09, JA08, YFLS06, ZK05]. Droplet [BW02, SR00a, JS05, KH07, LKMU05, NTB07]. droplets [RGS04, SW08a, WS08]. Drops [HLZ02, ZD00, JA08, YZF07, ZD05]. Drum [OS01]. dry [GPC07, Vel04b]. drying [SHTB09]. DSC [WZ07, Boy06, SW03]. DDM [TBR09, GMA+09, Mac01, Mac03, MY07, OC08, SL04, WLC+06]. Dual [GH01, ZTZ02, CG05, CS09, HC08, Hua07, LJ07, MK06, NPH09]. dual-compact [CS09]. dual-field [LJ07]. Dual-Reciprocity [GH01]. dual-time [Hua07]. dual-time-stepping [HC08]. duct [ATA04, DB04, HY09, HY11]. due [BBF+08, Dw08]. Duffing [LTD+06]. Dust [dFMBdF02]. Dusty [Sa02]. Dusty-Gas [Sa02]. Dyadic [CY00]. Dynamic [DIV00, EH02, GC02b, HF08a, MKM99, MKM04, SM06b, THN+07,
vdVvdV02, AZB09, BIW04, BS03b, Che04, CSKD05, DDM07, DEHL06, FDD07, FDD09a, FDD09b, Fen06, Gra06a, HBLD07, Lap03, LDN04, LKE04, LQX06, LP06b, MG05a, MY06b, PKKL05, PS03b, TLAD04, YKG04].

**Dynamic/Thermodynamic** [GC02b]. dynamical
[AS05a, BBF08, CBJdlC07, SW08c, Thu08b]. Dynamically
[CH01, Eld08a].

Dynamics
[Bar02b, BSJ01, BZW01, CPP02, DPR00, DPRS01, DGA08, GK02, Hun01, LR01a, dIFMBdlFM02, Poz01a, QRHD00, SSL00, SZS01, TTS01, TSG02, VCG03, VCTS02, WHV+00, YSC01, Yon01, ZSP02, deM02, Al08b, Al09, AWK07, ALT08, AKP07, BIW08, BLS08, BW06, BPMR08, BS04b, BBvdV06, BDCG03, BOK+06, CFM09, CELS07, CJR04, CDL04, DSJ03, Dim07, DTS05a, DTS05b, DSTD07a, DDDC07, Eld07, ES03a, ET06, FS04, GFS08, GCCD07, GV06, GPL05, GT09c, Har04, Her05, Hew03, HS04, IAT08, JG09, KKM08, KFI+04, KG09, KK05a, KL05a, KL09, KP05, LLP07, LM04, LP05, LRS07, Ler06, Li08b, LSK06, LL06a, LLZ07, LW04, LMH07, LZX+07, MGCR07, MC07a, MPD08, ML04, MK04a, NDT06, OK07a, Pal08, PGB05, PC08, Pau07, PCCW06, PK05, Pro03, RCT07, RFP06, SKR06, Sam09, SDS07].

dynamics
[SLF08, SHY07, SFVK06, SHP07, SS09c, Sto07, SC08b, TS04, TSO+04, TPR05, VS09, VGB09, VGBZ09, Vil08, VH05, VHI06, VCM00, WGL06, WZ03, YWC07, YHSX07, YZL06, YZ06, ZGK09, ZRS06, dWKL07, vLAvdV06, vZS07].
dynamics/continuum
[JG09].
dynamos
[XSG04, XSG08].
dynamo
[XSG04, XSG08].
eddy
[XSG04, XSG08].
eddy-current
[EPW08].

Earlier
[Mac00].
early
[CGN+07].
earthquake
[BIW08].
easily
[MKL05].

Eddy
[FLG01, FG02, KK00a, LLQ+02, ME09, Nov04, PP00, TSB01, AD04, BMM08, BS03b, BO04, CM03, CSKD05, DS09a, EPW08, FDD09a, FDD09b, Gra06a, GRA06b, HBLD07, HP04b, KJS03, KDC05, LP06b, Liu09c, LDV08, MCM04, ML09, MG07b, MB07, MMPB07, MHD07, NL03, PDH07, PY04, PM07, RMR+09, ISSN+07, SFP06, TSB03, TMD07, VK09, XLP05, YB06].
eddy-current
[EPW08].

Edge
[MP01b, RXH02, WS01, BHvdV06, LL05, MP08, SS05b, VTW+07].

Edge-Based
[WS01, SS05b].

Edge-Plasma
[RXH02].
edged
[YZW07].

Editorial
[Ano00-29, Ano01-29, Ano02-29, Ano03l, Ano04a, Ano04b, Ano04c, Ano04d, Ano04e, Ano04f, Ano04g, Ano04h, Ano04i, Ano04j, Ano04k, Ano04l, Ano04m, Ano04n, Ano04o, Ano04p, Ano05a, Ano05b, Ano05c, Ano05d, Ano05e, Ano05f, Ano05g, Ano05h, Ano05i, Ano05j, Ano05k, Ano05l, Ano05m, Ano05n, Ano05o, Ano05p, Ano05q, Ano05r, Ano06a, Ano03a, Ano03b, Ano03c, Ano03d, Ano03e, Ano03f, Ano03g, Ano03h, Ano03i, Ano03j, Ano03k, Ano03m, Ano03n, Ano03o, Ano03p, Ano06b, Ano06c, Ano06d, Ano06e, Ano06f, Ano06g, Ano06h, Ano06i, Ano06j, Ano06k, Ano06l, Ano06m, Ano06n, Ano06o, Ano06p, Ano06q, Ano06r, Ano06s, Ano07f, Ano07g, Ano07h, Ano07i, Ano07j, Ano07k, Ano07l, Ano07m, Ano07n, Ano07o, Ano07p, Ano07q, Ano07r, Ano07s, Ano07t, Ano08a].
Editorial
[Ano08b, Ano08c, Ano08d, Ano08e, Ano08f, Ano08g, Ano08i, Ano08j, Ano08k, Ano08l, Ano08m, Ano08n, Ano08o, Ano08p, Ano08q, Ano08r, Ano08s, Ano08t, Ano08u, Ano08v, Ano08w, Ano08x].

EDQNM [BBB08]. Effect [LGP09, NOG08a, WB09b, de 00, LY06, PAD07].

Effective [DLD08, LM01, PSN00, CSL08, GGRS08, LM03a, LWF+08, MTWW06, MCP03, PSZ09, ZC09]. effectiveness [LC06a]. Effects [LSD07, NF09, SMAj08, VLKM02, YE07, AINR03, DM03, GS05a, HC08, HS07b, ID04, LGKP07, LLZ07, MP07a, ML08, PS05, SS03a, WWC07].

Efficiency
[CGMS06, RRV01, Cam03, EKP07, LDPL08, MJ06, SROCFF03, SFVK06].

Efficient
[And09, AST09, BLS08, BRDM09, BCL06, BY07, BCDW06, BST01, BIVC07, Bus00, CWJ07, CH01, CFR09, Che07, CSMH05, CSV00, DH04, DDF01, DG00, FPA00, FG00, HGW0, HHL09, HPS*06, JD00, JQW09, KSL02, KB00, KB01, KAS08, LKE04, LCB09, LMS02, NJX08b, NZZ06, Ols07, OJW06, PHW0, PA07a, PC02, RH01a, RA09, RoS07, Sa02, S080, Sch08, S080, SZ01, P07ST02, TK02, Tok06b, VCT09, WLT08, WZ03, XS09, Yok07, ZD00, vEB05, AR08, BL04, BW06, BMT09, BJ09, BSL09, BB09b, BH04, BP07, CLG07, CRG07, CP06b, CP06c, CW08, CGF05, CWD08, DBF08, EKB09, Fan08, FWR07, FCG05, GN07, GV06, G0708, Gria09, HNF07, HS08b, HWWL09, HDR*06, IH04, JRS05, JL04b, K0505, KK05d, KK07, Kr01, KSW03, KR09c, KS07, KL00*09].

efficiently [EKP06]. eigen [CJSS08]. eigen-oscillation [CJSS08].

eigenelements [LM08b]. eigenfunction [GKE04].

Eigenfunctions
[Hau08a, Hau08b].

Eigenmode [CL00b, DMG00]. eigenmodes [DD05, LL04a].

eigenpairs [GB08b, Ovt08].

Eigenproblems
[Boy02b, GG00].

Eigensolution [HA02]. eigensolver [CGC+09].

Eigensolvers
[VTM+08].

Eigenvalue
[AKV00, Mit00, BBD04, CC03, DL03a, NU09, SP05c].

Eigenvalues
[Mit00, Hab04, Heu03, VCT07].

Eikonal
[LSZ08, QS01, CT08b, FLZ09].

Einstein
[BT03, BJM03, BW06, BCL06, BS08a, CHH06, CKLS05, CLS05].

Ejection
[KFV07]. Elaborating [vEB05].

Elastic
[Bon00, BG09, GF02, HB02, LLN00, L08, MC01, WP09, APT09, AK06b, BS08b, BCZ04, CLS*06, DLW04, DLW06, GH09, GFS08, HMMR04, HK08c, HS08c, IQ08, LS08, LP04b, TL07+08, TC07b, TC09b, XY06, YAvdB+08].

Elastic-Plastic
[GF02, HB02, MC01].

Elastically
[ATV01, LN09, RVR06].

Elasticity
[BDRT09, Hau08a, Hau08b, MHR08, YHC05].

Elasto [BZ04, ZVQ07].

Elasto-plastic [ZVQ07].

Elasto-thermo-viscoplastic
[BZ04].
WZL09a, WZL09b, WGRA09, XJ07, XP04b, ZGT06, ZYL+06, ZHSS09, dFJS09, vOP04, vdBG09. \textit{element-finite} [IDD04]. \textit{element-wise} [CBH03]. \textit{element-finite} [SS06a]. \textit{element-volume} [GV07]. \textbf{Elements} [BT02, BS00d, CGSS00, CSP01, HL01, KT02, MP01b, PW00a, PC02, PG02b, ST01, WPH00, WL09b, AK07, BJ04, CHL09, CP04b, CGC+09, CH08, GLMH09, HK08a, HMMO05, KLP+09, LJW09, Mad06, NL08, Pon07b, SGG+04, SG03a, VZSL07, WHS08, YZF+06]. \textit{elevation} [VTT08]. \textbf{Elimination} [JTB02, GCLB04, LY07b]. \textbf{ELLAM} [LDW07, LTC07, WLE+00]. \textit{ellipses} [DTS05b]. \textit{ellipsoidal} [LKMK09]. \textit{ellipsoids} [DTS05b]. \textit{elliptic} [Che00b, OKL01, SC01, Xu01a, ABLS05, AP03, AQ07, Ber04, Bor07, BL05, CFS09, CHL09, CT04, CC03, CGDT09, CS08a, CXZ09, CS07c, DL03, DT03, HO08a, Hei09b, Heu03, HL05, JLT03, Kan03, KS07, MY06c, MD06, Ng07, Ng08, NL03, OK06a, OSK09, PSM08, PC06b, Str07a, VK05a, YB06, YH07a, YZW07, ZJWC08, Zhou07, ZZFW06]. \textit{elliptic-hyperbolic} [PC06b]. \textit{elliptic/hyperbolic} [NV06]. \textit{elliptical} [MTH08]. \textit{elongated} [MR07a]. \textit{elongational} [DMHP07]. \textbf{Embedded} [MC01, Bet08, CD03, CGKM06, DND06, JM05, KL04, NA08, OK06a, SSN09, SBC06, VB09, YB06]. \textit{embedded-boundary} [NA08, VB09, YB06]. \textbf{Emden} [PSD09]. \textit{Emitter} [ST01]. \textbf{Emitting} [deM02, BMK+06]. \textit{Empirical} [CWWZ00]. \textit{emulsion} [ZD08]. \textit{emulsions} [KH07]. \textit{Enablers} [BB09]. \textit{enclosed} [LS08]. \textit{energetic} [ED07]. \textbf{Energy} [BV00, Bar02a, BKR+01, BS00d, CRB00, CBK00a, CBK00b, FK02, HK00, JTB02, LW01, LW04, MR03, RSSL09, SC01, SNLS03, VP00, YC09b, BT03, Bur05, CL05, CL03a, CL05, CL08d, DSM09b, DST07a, DL04, DL06, DOW08, ESD05, FL06, HM09, HDBW05, HK04c, KJ09b, KPP07, KPP09, KLSW09, LRS07, LZ07, Mai04, MY09, NG06a, Oh04, QFR04, RC09a, RSS09, Rom07, SKK+08, SLG+03, SHP07, SC09b, TDWY08, YC09a]. \textit{Energy-Conservative} [CBK00a, CBK00b, FK02]. \textit{energy-conserving} [MY09]. \textit{Energy-Preserving} [LV01]. \textit{energy-stable} [KPP09]. \textit{energy-transport} [CL05, Rom07]. \textbf{Engineering} [PVR07, Lap03]. \textit{enhance} [LX09]. \textit{Enhanced} [EK07, GE07]. \textit{Enhancing} [FHD+09]. \textit{enlargement} [ZSW07]. \textbf{ENO} [WH02, C807a, EAY01, GSD01, SM04, UTBV03, VS02]. \textbf{ENO-Padé} [WH02]. \textit{Enriched} [CWYM08, vdBG09]. \textbf{Enrichment} [DYS01, ZWL02]. \textit{Ensemble} [LP08, LX09, ZIP06]. \textit{Enslaved} [JMP02]. \textit{enstrophy} [KJ09b]. \textit{Entanglement} [RS02, Kar04]. \textit{entanglements} [LMK03]. \textit{entries} [LAKDO8, ODA06]. \textit{entropic} [DG07]. \textbf{Entropy} [CL01a, Gos02, RS02, Rom02, SL02, VY00, Abr06, Abr07]. \textit{Entropy} [CL05, Rom02, SL02, VY00, Abr06, Abr07]. \textit{FDK06}, \textit{GG09b}, \textit{HM04}, \textit{IR09}, \textit{Ser09}, \textit{TDWY08}]. \textbf{Entropy-Conservative} [CL01a]. \textit{entropy-consistent} [IR09]. \textit{entropy-fix} [Ser09]. \textit{entry} [DB04, LZ09c]. \textbf{envelope} [HS07b]. \textbf{environment} [CDR09, DQA08]. \textbf{environmental} [RCB05]. \textbf{EPI} [Tok06b]. \textbf{Epitaxial} [CMK+01, RV00, BHL+04, CLS+06, CF06b, HLX06, RS06b, SSE03]. \textbf{Equation} [ACK02, AGH00, AGH02, AQ00, BC02a, BJ02, BD01, BDL01,
equation-based [Tuc03]. Equation-free [SKXK05]. Equation-free/Galerkin-free [SKXK05].

Equations

[AGT02, ABGV02, Asl01, ACS00, BL09a, BC01, BM01c, BZW01, BS00e, BCM01, Cal02, Car02, Che00a, Che00b, CL01c, CKL00, CL02, DMG00, DC01, DKK+02, DHH01, DHH02, Dur00, FF02, FM000, FR02, GTH01, Gir00, GH02, GBGM01, Han01, HH02a, HH01, HDC02, HH02b, HW02, HF01, Hu01, Hua01a, HK01, IFZ01, JM01, KNL+01, KR02, KM00, KB01, KT00a, KT00b, LV00, LV01, LTK+02, Lay02, LLIK01a, LLIK01b, LOK01, LC01, LL01b, Li01, Lin01, LMS02, MPP01, MR02, Mai01, MCCT02, MC00a, MF01, MF00, MG02, MLS01, MOvL00, MPC01, MPC02, Myo01, NTYT01, NTYT02, Nys02, Pai01, Pet01, Rei00, RB02, SSD00, TWS02, VB00, VS02, WDM01, WPH00, WZ02, WK01b, WA02, WS01, XCO2, KK01, Xu01c]. Equations

[Xu01a, Xu02b, YP01, ZY02, ZCMI01, ZS01, ZDNP00, AS03a, AvdB04, APR09, APT09, AV06, AGT05, AB07, AMXL09, AE04, And09, AI09, ACLS03, AG08, BQ09, BR09a, BFB08, BTW04, BLW04, BY07, BG07, BC07, BC09, BV05, BB07a, BACFT05, BES07, BFG08, BRC+09, BT08, Ber04, BK08, BF07, BY04, Boe05, BB07b, BT06, BRP05, BJ09, BT07a, BHvdV06, Bot06, BS06b, BGLN05, BEPT09, BL03, CD03, CHH06, CVB06, CP03a, CHL09, CQO04, COQ06, CS05, CC07, Cha07a, Cha07b, CWL08,
CC07, CTT08, CS07b, CS07a, CSL08, Chu09, CJ07, CS03, CLS04, CY05, CT07, CFP06, CF06, CZVS04, CF08, DR06, DJM05, DSV09, Del03a, Del03b, DGH08, DR09a, DD09, DH07, Doh09, DLP08, Dom08, DI09, DJTT05, DD03a, DD03b, DZ09b, DOW08, EHST03, EHS+08]. equations [EG08, ES06, EN06, ES03b, ELW04, FCJ08b, FYH+06, FL03, FOLD05, FD07, Fox09, FKLY07, FG06, FMR09, FH03, GPC07, GB08a, GS07, GK03, Gel06, Geo08, GV06, GFR09, GF05a, GCNB07, GPF03, GW05, Gis06, GR08, GTMC08, GKE04, GR04, GB06, Grl09, GE07, GL07b, GD05, G05, HH07a, HLS06, HK04a, HR08, HMM08, HH08, HK08a, RC08, HO08a, HL08, HJ09, HLM07, HL06b, HyLL07, HJL09, HLRZ06, HS08b, HS08c, Hu05, HLL08, HJM07, HMR08, HMM07, HC05, IX07, IM07, IML03, IQ08, ILL09, JBF07, JR03, JR04, HJS07, JMC03, KE06, KOQ04, KOQ08, KSH+06, KDK+07, KP04, KG08, KJ09b, KAK03, KL04, KvdVvdV06a, KvdVvdV06b, KvdVvdV07, KL06, KS09, KT03, KT05, KG03, KLM05, KN04, KQW03a, KQW03b, KLSW09, LY07a, Lar07, LHD05, LGH08, LS03]. equations [LMN+09, LM08a, Lee05, Lee09, LFS07, LQ09, LSY04, LP04a, LSZZ08, LLOT06, LDPL08, LYC09, LMS04, LSS07, LSV09, LR0Z04, LW07, LP07b, LX07b, LW09, LCS09, Liu09b, Liv07, LMG08, LZC04, LMK07, LB04, LBL06b, LcdCN+03, MZ09, MJ09a, Mai04, MV04, MP07a, MCG08, MR05, MY09, MSS08, Maz06, MB08, Men04, MK08b, MS04, MOG09, MT04, MG06, MD06, MFPC08, Moe03, Moe07, MAN+06, MT07b, MSB07, LvdV04, MDR07, NW07, NZ05, NOG08a, NFGK07, Ngu07, Ngu08, NPC09a, NPC09b, Ni09, Ni03, Nik06, NMS07, NvdW09, OS04, OK06a, OSK09, OX04, ORM06, Ols09, OK06c, ON08, PADO7, PDS09, PNM09, PvdV08, PCS+09, PR03, PR04b, Pop03, PR06, PGN08, QS05, RC09a, Rah04, RCT07, RB03, Rem06, RS06a, RBvdV08, RAD07, RR05, RSO04, RM08, SS09, Sac07, SS03a]. equations [SF07, SZB+07, SDM04, SM06a, Ser09, SS08, SN08, SRN07, SFE07, SMB09, SW07, SP04, SL07b, STZ07, SHT09, SP05b, Soc03, SKW05, SG03b, ST03a, SCN07, SN08, STR07b, TTT03, TL06, TH0L06, TBT+09, Th04, TXCD07, TKH09, TOY09, TaA080, TE04, TG08, TS08, Tsy04, TFD04, VPM04, VVM05, VV02, VS04, VV06, VTT08, VSG05, VK05b, WK07, WK05, Wu03, WM07, WGS+08, WM09, Wel07, WKB07, WZ03, XSS07, XSO5a, XSO9, XSO5b, XH07W, XD07, You06, YZW05, YSO7c, YSO8, YLA08, YE05, Yos06, ZLY07, ZW04, Zhe06, Zho07, ZHF06, ZTO7b, dDEK09]. Equidistribution [BMR01, Hua01b, DCF+08]. equivalent [MR03]. Equilibria [BBG+02, SHWW00]. Equilibrium [BKR+01, Cle00, DSS00, AZ05, BP03, BS05, CGP05, CP07, CK08, DL04, GT09a, GT05, GWF+07, GL06, JSCZ08, JG09, MKR00, MK03, ORM06, SSB07, WSY08, XHC08]. Erratum [ABR09b, CL08b, DKL04, DD03a, HSM08b, HT00b, HY11, HLWW06, JGL07, Lau06, MI07, NTYT02, PW01, Tolu02a, WZ09b].
ST03b, VD00, Yam01, CLMRP08, CC07, CY05, DL03b, Dur08, Dwi08, HGBH03, HNGB04, HS03b, KK09, KK04a, Lap04, MG07, MK04b, Ngu07, PG04, RS09b, SVH+06, TWM07, WK06, VO00]. error-assessment [MGS07]. Errors [FLG01, BBB08, CP06a, CM03, DL03b, GD06a, KLM07, PY04, PM07, Vi08, VK09]. Essential [APQ03]. Essentially [Abg06, BS00a, WC01, WH02, BCCD08, CL06a, HAP05, TWM07, ZSWW03, ZWS06]. estimate [WK06]. Estimates [MP01b, OV00, HS03b, PG04]. Estimating [KS02a, KFI06, RS09b]. 

Estimation [BCEG07, OV00, OP02, RM03, VD00, BS03b, CFS09, DL07+06, Dwi08, HMA05, IKL+08, KK09, LJSM08, Ler06, MDJS07, Ngu07, PM08, Sti05, TPV06, Zad08, vdDA06]. Estimator [TS01, LZ07]. estimators [SVH+06]. ethylene [GIA+07, GIA+08]. Eu [Myo01]. Euler [TR07, AEP04, AI09, As04b, AG08, BZW01, Car02, CS07a, CR09, CDV07, DDK06, DMG00, DDSV09, Del03a, DOW08, GB08a, GR04, Han01, HH02a, Hu01, Hu05, HLL08, HK01, IX07, IR09, JR07, JK00, KL04, KQ03a, KQ03b Lee05, LFS07, LW07, LCS09, LBL06b, MC00a, MOG09, MG02, MSB07b, Nat06, NOG08a, PvdV08, Pop03, PGN08, RC09a, Rah04, RBH03, RS06a, SFDL07, ST03a, TL06, TW05, VSW06, WMO7, WM09, WKB07, WZ03, ZYC02]. Eulerian [AEP04, ALGM01, AV02, AHMS03, BALW06, BS00c, BR09b, CW03, DVM05, Fed02, FLM08, FKK08, GT09b, GXW07, Her05, HG03, HP01, HH06, JX07, KMSH08, KMS02, LMV04, LL03b, LQ09, LHZW05, LY04, LS05b, MC01, MO02, MCN03, OF02, OCK+02, QL04, RB05, RW07, SM09a, SCW+09, SFW00, UTB03, YA05, YFBH07]. Eulerian-Grid-Based [AV02]. Eulerian/Lagrangian [GXW07]. Evaluating [GHG01, RS09b]. Evaluation [GST02, Han08a, Han08b, KMJ01, LWEM00, MT04, PC02, RMG+09, Saf02, ABZ+08, BHS09, BO04, CRAG07, DMBS05, FT06, HO08b, KR09c, Lau04, Mar06, MG07a, PC08, VOD08, VBO8, VS07, WG08]. Evanescent [BV00, BP007]. evaporating [AJ09, SW08a]. Evaporation [HW08, LMS05, SS06b]. even [CTS07, RVM07]. Event [DGA08, ML04, OK06b, NZ07, Pau07, PA07a, ZQ09, VS09]. Event-Driven [DGA08, ML04, OK06b, ZZ09, VS09]. Event-Driven/Time-Driven [VS09]. events [MS08b]. Evidence [SS05c, BBCT09]. Evolution [ATV01, AGH00, DC01, JW02, LLN00, LMSW02, Nic01, Set01, SR00b, AKL09, AL03, BGN07, Be09, CO06, CS06b, CP04b, CP05, DDD05, EN06, FM06, GFG09, JW03, KT05, KLM05, KN04, LZ09a, LMK07, N090, RRV06, RSS09, SR09b, VWW04, Wan04a, ZZ09]. evolutionary [DGR08]. Evolving [C01, ML05, OK06b, ZZ09, VS09]. EVP [Hun01]. Ewald [CW07, OJW06]. Exact [BDRT09, BTT08, CGP02, EZ08b, Fou06, LBD02, NN04, Ten03, UH01, VS02, Zhe06, BCZ04, BDCG03, DP07, Lau06, RS09b, Wag05, Wal03, X05a, vZS07]. Exactly [NTYT01, NTYT02, FS09]. Example [PL01]. examples [Ram06]. exceeding [KW07]. exceptional [LC06b]. Exchange [RH01b]. exchanges [PFSL07]. excitation [FK09b]. excitation-adaptive [FK09b].
Excited [FV01, BCL06, CGL06, Fra04]. excluded [LGP09]. execution [BDS07]. exercise [Kou07]. ExGA [MLSD07]. expanding [HDBW05, PK07]. Expansion [ADK02, Goe00, SSD00, VP00, AV03, BO05, GMH06, KYLB07, NCS03, PW07, Tak06, TPV07]. expansion- [NCS03].

Expansions [CL02, BRB03, FT05, GG09a, HLRZ06, LKNG04, SH07b, Tyg08, VS07, ZL04]. experience [BPS03]. experimental [DGF09, NDG05, ZGSD06]. experiments [FHJK09, SSW+07, XSG08]. Explicit [DZ09a, GSD01, HK06, HJL09, KM06, KM07b, Kuz09, MLSD07, PH09, QM03, RB02, VG01, VCTS02, XZ02, YP01, AHNS09, BBMB07, BB04b, BB07b, CSL08, DR06, FDD09a, FG07, GL09b, HR08, Jia07, JKL04b, KCZH07, Lai07, Loli04, LGM08, MGS09, OK07a, PH06, PH08, Sha05, zS06, TDGP06, WG08, XJ07, ZSP08]. Explicit-Implicit [RB02, DR06, HR08]. explicit/implicit [TDGP06]. Exploring [Lou00]. explosion [WK04]. explosions [KS08a]. Exponential [CM02, BIS07, Kry04, Liv07, Sti05, TWYC06, TD07, Tok06b]. expressed [NG06a]. expression [Sha05]. expressions [OLA08]. Extended [BMS00, Vay01, FHLK05, GR07, HSZ04, KFH+04, KFIG06, KLK08, Nas08, WLKV07, ZGT06]. Extending [CDJ07, DC07, WS04]. Extension [Boy02a, FM08, LVW06b, NBLQ09, Pop00, SBGK00, SWL06, WL06, CB03, MBS03, WZL04, WL02]. Extensions [HMGO08, HR07]. Exterior [MM01, ABK09, Bor07, MG07a]. External [FGOV00, HAS05, HHC08]. Extracting [WC08]. extraction [Hum05]. Extrapolation [TK00, Asl04a, CHL09, GS03a, RB06, WZ09]. extrema [CS08c, RGK07]. extrema-preserving [RGK07]. extremal [GB08b, Ham07]. Extreme [VSMW01, CS05, FGS09, MS08b, SK08a]. extremely [TAL09]. Extrinsic [KYLB07].
SK04b, Tau07, Th04, TC09b, TG08, VOD08, VBJ08a, VBJ08b. fast [VB08, WK06, YBS06, YBZ04, Yin06, ZT07a, ZKL07]. Faster [Hel09a, BPO07]. faulting [BIW04]. FCT [BHS09, Ku09, LOK05]. FDFD [CB01]. FDTD [Bet08, CFJ06, DS05b, FK09b, POS00, Rem06, RK07, Vay01, We07, WC07, XCZ02, ZSW07, ZW04, ZT07b]. FDTD-compatible [RK07]. FDTD-methods [ZSW07]. FE [BFG08, MK04b]. FE-simulation [MK04b]. FENE [LC03]. Fermalion [BTFY01]. fermions [Bor03]. fermromagnetic [GCW07]. FETD [CL07b]. FETI [MM05]. Few [GHV00, HKS09]. Few-Cycle [GHV00]. Fewer [TRL01]. Fey [Noe00]. Feynman [BLL03, HvHHS05, PWW00, S01b]. Feynman [BLL03, HvHHS05, PWW00, S01b]. FFT [CXB08, DBF08, LG05, YAvdB08]. FFT-based [CXB08]. FHCN [Hof04]. Fiber [TG06]. Fibers [BV00, TS04]. Fictitious [B09, GPH01, WT07a, BG05a, DGMN03, RAB07, VM07, YS06, YS07b, ZW06, PP09]. fictitious-domain [ZW06]. fidelity [NT07]. Field [B01, Fre00, FGOV00, FV01, G02, GKL00, HS00, MR02, MP01b, OMP02, ST01, SSW01, AINR03, BC03, Bae03, BCDW06, BBW06, BE09, BJ04, CM09, Cha09, CW08, CEL06, DDSV09, DLW04, FY06, GF09, HW08, HvHHS05, HKS09, HF08a, HX05, HWWL09, JOS06, KKS07, LCC07, LCB09, LW07, LJ07, LH05b, MZ07, MP06, NG05, NLL06, OK07b, PH09, RJM07, SY09a, SHi07, SG03a, SB07, SS04, SC07, TLK07, TBT09, XM07, YFLS06, YHCD05, YZF06, YZF07, ZDD09, ZT07a, dWK07]. field-space-based [LW07]. Fields [DPCV02, GG00, GC02a, KHR00, LWEM00, MN02, POS00, AV03, Bal09, DFG09, DC07, DS05b, FCJ08a, GFG09, KB04, OLLL03, SR09a, ST06, TET09, TXCD07, VOD08, VS07, XCD09, ZSW03, ZW05]. Fierz [MB01]. fifth [GR04, HAP06, SM04, T07]. fifth-order [GR04, SM04]. Figures [DSS00]. Filament [ZP02]. filamentary [PSC08]. Filamentation [DG02]. filaments [HSS07]. filling [GS03b, Vol04a]. Film [CMK01, DK02a, ZP02, GMO03, HKM08, MO06, NTB07, SA06, SRX07]. films [AIR03, ES03a, RRV06]. Filter [CKGL02, PX02, PR01b, TR02a, HO03, IKL08, KHF04, KFG06, KS03, KDC05, LX09, RMSB09, WC08, YS07a]. Filter-Based [PX02]. Filter-Diagonalization [TR02a, WC08]. filtered [MP07b, ZST06]. Filtering [FBFF00, VCT07, BS03b, BB07b, BdCB09, CH08, CK04, ES03b, HM08, HV03, KCH06, Wea09]. Filters [AA02, GSO1, MV02, ZW03]. FIND [LAKD08]. Finding [FGOV00, FV01, LY07b]. Fine [KM02]. FINESSE [BB02]. fingerling [LLL07]. Finite [AC00, ACY00, AE03, AKLMP09, BR09a, BC02a, BHL04, BS00b, BMR01, BM01b, BT02, BW01, BS00d, Bla00, BP03, CL00a, CS01a, CP00, CHR01, CBB01, CGSS00, Cod01, DPCV02, DBB06, DF00b, DET08, D00, FVOMY00, FH07, FK06, FK07b, FK02, GHV00, GW01, Gro06, Gro07, GH08b, GV07, GLT07, HLS02b, Han00, HH02a, Her00, IK07, JL02,
FINITE

finite-band [Dur08]. **Finite-Difference** [PK00]. finite-differences [Kum04a]. **Finite-Element** [BW01, CHR01, MPP01,
LW06, CQRW05, DR06, HPS06a, HPD09, LJ07, SS06a]. finite-element/ finite-volume [SS06a]. finite-energy [Mai04]. finite-frequency [TMND07].

Finite-Volume [BM01b, CL00a, DPCV02, KKC01, ML01a, OGV02, PS04, PL07, TT04, Edw06, EZ08a, HBHJ08, HJ09, JLT03, JLT06, JLO9, Kok09, LZO9, LJ06, MSJ07, MSG07, RJ06, Ros09, SL07b, SC09b, XCRX08]. FINT [LJSM08]. First [Ano05s, Boy02a, CR09, FV01, HH07b, HMMR04, BEE06, BCL06, ClkM07, Gro06, Gro07, Gui03, IM07, Jar04, NPH09, Nis07, YZW05].

First-derivative [Jar04]. First-order [HH07b, HMMR04, IM07, NPH09, Nis07]. fit [AMSZ07, Mi05, Mi06, Mi07]. fitted [PS08, SS03a, YP06, ZKDT07]. Fitting [CVE06, Che04, Sur05, TWYC06]. Five [ACK02, MG05b, QA09].

Five-Equation [ACK02, QA09]. fix [Asl04b, Hk04c, Ser09]. Fixed [RMO00, YSC01, AFGM07, BLO9a, BBHMA09, CHCOB09, DMHP07, Mad06, MS08a, MLS05, TZ06, TLT09, ZFM08, dFJS09]. fixed-domain [TZ06].

Fixed-Grid [YSC01]. fixed-mesh [CHCOB09, ZFM08]. fixed/moving [TLK09]. Flame [CAL00, NFKO1, BDR04, BDLG05, LLC06, MR04].

Flames [MR04]. Flapping [ZP02]. FLAPW [YMF01]. Flexible [ZP02, Alb09, EKBL09, HSS07, Hum05, LKO06, Mad05, TS04, Tsu06, XYK05].

flexible-cycle [XYK05]. flexible-order [EKBLO9]. flight [Liu09a]. flights [Pav07]. flip [ABRR09a, ABRR09b]. floating [YM07]. Floquet [DK06, TB00a]. Flow [APQ02, BBG02, BW01, BCVK02, CFA01, CS00, CPT01, CGSS00, CR02, CL02, DIV00, EF02, FVOMY00, FGG01, GPh01, Goe00, HLS02b, Han01, HGM00, JML01, JL02, KCC01, KLVBl02, LLH02, LS02b, LKNG01, LRN02, LKO1, Mac01, MN02, MK02b, MC01, MD01, Pao01, PR00, PG02a, PS01, PW00b, PW01, Poz01a, Poo1, SBBK00, SS02, SJ02, Shy01, Sie00, Sum00, TCO1b, TBE01, VDO00, Xu01a, Xu02a, ZTO02, dSAK00, vBRK01, AM03, APTJ04, AH08, AK06a, ART04, Alb09, AK05, AW04, AMP09, AT05b, BSKH07, BKT09, BS08b, BF08, Bilo05, BF07, BBO4b, BSLN09, BLM03, BLM04, BTW03, BP08, BP04a, BIVC07, BGN03, BK07, BB09a, CLB08, CFF07, CCRAG07, CR05, CEM09, CS05, CL07a, CL08b, CT08e, CMP07, CHBS04, CHPR09, CBS05, CZWS04].

flow [CGM07, DMHP07, DS05a, DHOT09, DM03, DDK06, DT04, DVHM05, DP07, DP08, DKS03, Din07, DS06b, DF04, DND06, DCK08, EGE06, ECL02, ELD08b, EPG09, ES03b, FRS08, FS04, FK09a, FT06, FK07a, FL06, FCT07, GZ09, GMD03, GH09, GGF03, GS03b, GGP06, GC06, GCC09, GD07a, HJ09, HL04, HP04a, HS03a, HS06, Her08, HN03, HY09, HY11, Hu05, HAI09, HTS06, HU07a, HSS07, HLY09, HH06, ID04, IK07, JLT03, JD04, JLT06, JOS06, JX07, JCO6b, JP03, JS05, Ke05, KCC06, KDF07, KAS06, Kok09, KSGF09, KTO7, LTX05, LK09, LWA09, LXX04, LX07b, LY04, LR03, LHO4, LM03b, LSW06, LJ06, LM0708, MC04, MTV08, MPD03, Mac03, MT07a, MJT06, MSJ07, MP05, ME09, MT03, MC03, MSB07a, MVO04, MDS03, Mou04, MDR07].

flow [MG05a, NL08, NBLQ09, NJX08b, NJX09, OK05, OKZ07, PPDM08, PP09, PS05, PWM06, PA07b, QLK07, QLS09, RC06, RFVP09,
RM07, RW03, SM09a, SWG08, SGFL09, SWK06, SMS08, SLF08, SE04, SZZ03, Shi07, SLC07, Shy04, Shy06, SS05c, SCRL08, SWL06, SRX07, TZ03, TOZP03, TM05, TBJ+09, TT06c, TCM05, TDV06, TF03, TMLT08, VC03, VLB09, VQL04, WSY09, WFC09, WGNT06, Xia04, XK03, XH03, XMT05, Xu08, XJC08, YP06, YYT05, YC06a, YC06b, YXL05, YKK08, YF09, YE05, Zad08, ZSWW03, ZL04, ZKY05, ZWS06, ZVQ07, ZJ09, ZKS+09, ZFM08, ZJL05, ZL08b, ZD08, vOP04, vdV08].
flow-body
[Alb08].
flow-induced [SCRL08].
flow-polymer [CFM09].
flow-structure [LMZ+08, ZFM08].
flow/structure [AK06a].
flows [ZK08, CGL08].
flows [BS01, BM01b, BMQS02, BL01, Bon00, CKR01, DLS+00, EAY01, FS01, FG02, GSO1, GSO2, GHG01, GW01, GM01b, GQ00, Hor02, JLCD01, KRR01a, KRR01b, LX00, LS00, MSY00, MPC01, MPC02, Nic00, Nic01, PWS+02, PSN0, QV01, RH01b, Ros00, SAI02, SML02, SBRK00, SBD00, Sni01, Snu0, SF02, SP00, TSB01, TCM+00, UMRK01, VD02, VLM02, VC00, WP02a, WK01a, WP02, WLE+00, WW00, WZ00, Xu01b, Yu02, vdVvdV02, APP+07, AK09, Ano04z, AMP09, AB05b, AMS+03, BFB08, BNS09, BM06, BDM09, BM08, BALW06, BH09, BS04c, BCR09, BPL06, BKL04, BN09, BHS+08, BS08, BCR05, CCG08, CGL08, CET09, CRRG+04, CFL+03, CHB09, Che03, CGH05, CJ09, CY06, CZ09, COER07, CED06].
flows [CJR04, CHCOB09, CL03b, CMR08, CP04c, DSM09a, DBP08, DFV08, DP09, DGM03, DS06a, DSS07, DS09a, DDS09, DJH03, DHO07, DBS06, FP08a, FPK08, FM05, FD03, FPT05, FL07, FD09b, FGP08, Fox08, GV08, GT09b, GXW07, GBC06, GL08, GMD07, GSO03, GSO5c, GMA+09, GS03c, Gra06a, Gra06b, Gre04, GMS04, GMS06, GAC+09, GKV09, GR07, GSO3d, GSO3c, GLX08, HW08, HSO0, HAS05, HPD09, HE05, HS08a, Her08, HM05, HVAC09, HK04c, HKA06, HA06, HT03, HSO3, IOTK04, JD09, JL04a, Jao07, JX06, JLT+06, KSO+05, KR09a, KHD+08, KHI09, KHM09, KM06, KMO7b, KKK05, KK05d, KB08, KAA+07, KRO01, KRO02, LTH08, LL09, LG09, LSL08, LKP06, LK07, LL05, LPO6a, LZ04, LS07, LI08a, LZ09c, LLS09, LL06a, LF05, LMS08, LW04, LKO05, LV07, LCN07, LTC07].
flows [LM08c, LMK09, LDV08, LD09b, LHF05, LF04, LC03, LB03b, LB04, LB06a, LB08, LMK09, LHZ+06, MM09, Mau09b, MAu09a, MLM09, MEK03, MKW04, MR06a, MM03, Mar09, MB04, MY07, MJ09b, MDB+08, MLS+05, MK06, MT08, MAL09, Myo04, NSO0, NOG08b, NO07, NM09, NM21, NMA+07, NMI+07, NJX08a, NCS03, NPP06, NS05, NT07, NO04, OF06, OTC08, OGV07, OCFF08, PKD07, PDP07, PPD08, PSC03, PSC+06, PNO3.
PH08, PFS07, PK07, Pon09, Pon06, Pon07a, Pon07b, Pop09, Pro05, Pr007, PS03b, PS07d, QA09, QST07, QP03, QP03, QM03, RB05, RMB07, RVM07, RVDM09, RWK03, RJ06, RBS06, RMB+09, RF06, RMF08, Ros03, Ros07, RFV09, SGX07, SNAS04, SROCF08, SROCD07, SC08a, SFDL07, SP09, SAK05, SS07b, SE09, SS07a, SD05a, SD05b, SP05a, SFX03, SMS04, SY09a].
flows [SZC09, SS06a, SYC09, SSND03, SKX05, SY03, Spe05, SK07a,
fluctuating [SP04]. fluctuation

[Asl04b, DPRN05, Ham07, Hub07, Hub08, KIHM09, RDPN07].

Fluid [DGD02, LS02a]. Fluid

[AMSZ03, BNV08, Bar02b, BW01, CPT01, CYKC01, ELW01, Fed02, Goe00, HK00, HLS06, Har04, HF00, HPZ01, IYI02, KFV05, KLvBvL02, LKNG01, LRN02, Man02, MC02, MD01, RRL01, RR02, Shy01, Str01b, SP00, TC02, WLE00, WW00, ZSP02, AS09, APT09, ADM07, AKP07, AMS03, BQQ09, BALW06, BL08, Bod06, BGS08, BG05b, CGL08, CR05, CVC03, CN05, CZ09, CC08b, CHP09, CBS05, CDV05, CDV07, CDL05, DMR09, DDG02, LS02a, DPRN05, Ham07, Hub07, Hub08, KIHM09, RDPN07].


fluid-soil-structure [SM06b]. Fluid-Solid

[HPZ01, Man02, CVC03, JJGL06, JJGL07, MMS04, NM09, Pap08, PP09, PSC06, PP04, PK07, QA09, RSW06, RFFF06, RM07, SJ04, SPT05, SL07a, SL03, Shy04, SM06b, SG03a, Sus03, TT09, TVP07, TGB07, TDV06, TG04, VGG09, Vik03, WTL08, WWK05, XW06, Yam05, YJL06, Yu05b, YZL06, ZKS05, ZSC08, ZTMM05, dSNM04, vBK03, vLAvdV06, vZBB07]. fluid-body [Ekd08a]. fluid-dynamic [Lap03]. fluid-dynamics [MDP08]. fluid-elastic [HMMR04]. fluid-land [KJ09b]. fluid-membrane [LWP09].


fluid-soil-structure [SM06b]. Fluid-Solid

[HPZ01, Man02, CVC03, JJGL06, JJGL07, MMS04, NM09, Vik03].

Fluid-structure [BNV08, AKP07, GA09, GGCO09, HC09, KYK07, LZH07, Pap08, SPT05, SL07a, vLAvdV06, vZBB07]. fluid/elastic [Yu05b]. fluid/ flexible [Yu05b].

Fluids [ACK02, CL01a, FS00a, FS00b, HLS01, PR00, BL09b, BL08, FCT07, HHC08, ICO04, KSM08b, KKL04, PvdV08, RE05, Ren07, SPB09, SF03, SCW09, VRL03, VBL04, XLM07, YZL06].

Fluorescence [FEL05, FLE03]. Flux [Bet08, Edw00, EO02, HGN00, KP00, KT02, Lio00, Ros00, Shi02, AKLMP09].

Fluids [ACK02, CL01a, FS00a, FS00b, HLS01, PR00, BL09b, BL08, FCT07, HHC08, ICO04, KSM08b, KKL04, PvdV08, RE05, Ren07, SPB09, SF03, SCW09, VRL03, VBL04, XLM07, YZL06].

Fluorescence [FEL05, FLE03]. Flux [Bet08, Edw00, EO02, HGN00, KP00, KT02, Lio00, Ros00, Shi02, AKLMP09].

Fluids [ACK02, CL01a, FS00a, FS00b, HLS01, PR00, BL09b, BL08, FCT07, HHC08, ICO04, KSM08b, KKL04, PvdV08, RE05, Ren07, SPB09, SF03, SCW09, VRL03, VBL04, XLM07, YZL06].

Fluorescence [FEL05, FLE03]. Flux [Bet08, Edw00, EO02, HGN00, KP00, KT02, Lio00, Ros00, Shi02, AKLMP09].

Fluids [ACK02, CL01a, FS00a, FS00b, HLS01, PR00, BL09b, BL08, FCT07, HHC08, ICO04, KSM08b, KKL04, PvdV08, RE05, Ren07, SPB09, SF03, SCW09, VRL03, VBL04, XLM07, YZL06].
Fourth-Order [BRL02, Lai02, XCZ02, YP01, Zha02, CVB06, AV05, BC05, CC03, CFJ09, KKM08, LM08a, Nas08]. Fourth-Order-Accurate [PKP01]. Fractal [WWVG00, AST07, CMP07, PC06a]. Fraction [Lin01, CMSZ09, Lap03]. Fractional [BE02, CGP02, Cod01, LOK01, VSG05, CLTA07, Cui09, Den07, Dom08, GSV06, HVAC09, LH05a, LDW07, LX07a, LP07b, LCdCN+03, MST06, PC08, FCS+09, Sou09, TMS06, TM07, Yus06]. Fractional-Step [BE02, LOK01, GSV06]. Fractions [SZ00]. Fracture [LMH07, PKK05]. Fractures [TM05]. Fragmentation [Hew03]. Free [Bal01, CBKM00b, DF00a, FCGK05, FG02, GHG01, HB02, OF02, SDD07, SCD00, TCM+00, WSI08, ZTZ02, vBRK01, AMS03, Bal09, BRDM09, BS04b, BKM09, BPL06, BGN03, CPR05, COQ06, CS05, Cha07a, Che03, CEH09, CZ09, CLS04, DSG04, DQA08, DSTR07a, DT09b, GFR09, GS06b, GSO3b, GCCD07, GAC+09, GS09d, HWL08, Hel05, HZ07b, Hum05, KRO9a, KK04, LZ07, LMX+08, LRS07, LL04b, LSJA05, LG07, LSV09, LY04, LD04, LZ09+07, MR06, NJ09, NK08, NMS07, OTCM08, PN03, PQ03, RB05, RF08, SGX07, SE04, SKXX05, TW07, VP09b, XMP07, YMT+04, YP06, YH07a, ZL09, dSMN+04, vZ007]. Free-Lagrange [HB02]. free-plasma [Hum05]. free-streaming [GS06b]. Free-Surface [DF00a, GHG01, vBRK01, WSI08, Che03, DS05a, GFR09, GS03b, GCCD07, GS09d, PN03, RMF08, SE04, YP06, ZL09]. free-surfaces [Hel05]. free/Galerkin [SKK05]. Freezing [JC02]. frequencies [KR09c, RMV03, WC08, OS01]. Frequency [CBB01, DDF01, DTF01, ERT02, GKL00, HMM02, POS00, TK02, ACR08, BL09a, BCDW06, BO09, CJJS08, CDHST08, DH04, DNSS08, FLE03, JLO05a, JY08, MBS03, MJ06, PL09a, PS07c, RKE+07, TET09, TM07, WB09b]. Frequency-Domain [CBB01, CDHST08, FLE03]. Freezel [YFS01]. friction [BIW04, BBF+08, H08]. frictional [ZVQ07]. Friedrichs [KOQ04]. Front [BSJ01, GNNB08, JC02, LS08, SJ02, TNGH02, TB00b, TBE+01, ZH01, CB09, DFG+06, Fan08, HSL08, LLP07, LLG07, kM07a, MT08, SAM05, TZ06, TT09, WKB07, ZEA06, dSMN+04]. front-capturing [CB09]. Front-Tracking [JC02, TNGH02, TB00b, TBE+01, ZH01, Fan08, LLP07, kM07a, MT08, TZ06, TT09, dSMN+04]. front-tracking/front-capturing [dSMN+04]. front-tracking/ghost-fluid [TT09]. Fronts [JW02, Set01, LMS05, Vol04a]. Frozen [CS01c]. FRS [AMP09]. fuel [CKPW07, SXYWX09]. Full [Edw00, HJK008, ZH09, EZ08a, FCJ08a, FM06, IITV07, LJW07, OX04]. full- [IITV07]. full-Burnett [OX04]. Full-wave [ZH09]. Fully [BN04, Bon00, BSW05, Dow01, HSL02b, MVO04, APR09, ALT08, AMP09, CL06b, CN05, Dim07, Fan08, HHHMK05, JLT06, KT04, LC06a, LRZ04, MG07b, ODCK07, RWMK03, RSW06, RJM07, RSTB03, STD+05, SMP09].
SC09b, WAO^{+04}, WDÖ^{+03}, YM07]. **fully-implicit** [Dim07, WDÖ^{+03}].

**Function**

[CHR01, GST02, hRT02, Bea08, BHNPR07, BKM09, Boy06, CWJ07, CMSZ09, CTS07, DS06b, DL03b, FP08b, GS06b, JSCZ08, Khe04, KAS06, LL04a, MP07b, MJ07, OJW06, Pee03, RRC05, RK07, SC08a, SH07a, SCT06, Sme06, TB09, Tow07, TW03, WZ07, Wen07, Wen09, ZJW06, ZC09, dHRvdB07].

**function-vorticity** [LL04a]. **Functional**

[FS00a, FS00b, Lou00, VD00, VD02, BT03, Chr03, ET06, FHW07, GMH06, HdgKG08, PG04, SF03, VD03]. **functionally** [ZB07]. **functionals**

[Küm04b, RSS09]. **Functions** [BS00e, CY00, GST00, Goe00, MS01, RS00, Saf00, Saf02, AKLP09, BZ08, CT09, CQ004, CCJ07, ETT05, FB08, FW07, GG09b, HBHS09, HKS09, HS03b, IR09, JTL09, KMI05, KLW09, KR09c, LM08a, LCW04, LJS08, LJW07, MLS07, MG08, MT07b, PLS^{+09}, RC09a, RA09, Tow08, Tow09a, Tow09b, WF06, YZL09, Yin06]. **Fundamental**

[BR01, BB08a, SY09b, YJF^{+06}]. **Fup** [GG09b]. **Further**

[CKG04, SVB09, CM03, Hig05]. **fusion** [Jar04]. **Future** [Ano00q, Ano00r]. **FV** [AT09]. **FV/FE** [AT09].

G [LM03a, VP09a]. **G-Scheme** [VP09a]. **GaAs** [GS06a]. **Gal** [WS04].

**Galerkin**

[Ain04, AB07, AKLP09, AQ00, APQ03, BKST09, BC01, BCD06, BDHN09, BRC^{+09}, BS04c, BS01, BG05b, CKLS05, CC07, CELS07, CS07b, CS08b, CH^{+07}, CJ07, CLS04, CPF06, CR00, CHPR09, CS05, DD09, DLP08, DF04, DBTM08, Eg07, ES06, FCJ08a, FCJ08b, FK07a, FOLD05, Gab07, GLM07, GLMH09, Gel06, GFR09, Gir00, GW02, Gir06, GR08, GLLM07, HH02a, HH08, HA02, HEML00, HO03, IK01, JH06, KCH07, KvdVvdV05a, KvdVvdV06b, KvdVvdV07, KWD09, Kri07, KL05, KWD07, KWD08, LGS08, LL01a, LSY04, LSJ05, LSZ08, LS00, LY06, LX07b, LNX07b, LGM08, LZ04, LSW02, LSNK07, LSL06b, LSL07, LSL08, Ma05, Mac07, MRC06, MY09, MES09, MPFC08, NM06, NL08, NPC09a, NPC09b, PvdV08, QS04, QKS06, QLK07, RH01a, RBS06, RBvdV08, RC09b, SFE07, SM09, SR09b, WM07]. **Galerkin**

[WM09, WG09, WKG06, XSS07, XS06, XS09, XS05b, LXS09a, YS06, ZS06b, ZQ09, vdVvdV02, vdVX07]. **Galerkin-like** [LNX07b]. **Gappy** [GS06b]. **Gas**

[BZW01, CRK00, CRK01, DC02, FS01, GV02, HK00, KMA^{+01}, LZ09c, LX00, OB02, Sai02, SZ01, SPC01, SB02, TX00, Xu01b, Xu01c, Xu02b, dSAK00, AK09, BPMR08, BS04b, BDCG03, CPH05, CELS07, CJR04, CDL04, DK06, DVM05, Fox08, GS05a, GC06, HP04a, HH06, JX07, KKM08, KD09, KK05a, KW03, LS08, LM04, LZ04, LF06, LL07, LK05, MEKS03, MS07, My04, NFvS^{+06}, OLA08, OK07a, RC06, Sam09, SH07a, SSB07, SE09, SFX03, SH07, SY08, SS09c, SHPC09, SBO4, TXCD07, TT06c, UBRT07, VV080, WTL03, WX03, XM03, XMT05, XHC08, YH0807, ZQ08, ZRS06].

**Gas-Kinetic** [CRK00, CRK01, LX00, TX00, Xu01b, Xu01c, Xu02b, LZ09c, JX07, LF06, MS07, SY08, TXCD07, XO03, XMT05, XHC08]. **gas-liquid**
[DDK06, HP04a, LL07]. gas-particle [Fox08]. gas-phase [OLA08].
gas-solid [DVHM05, HH06, MEKS03]. gas-water [LK05, WTL08].
Gas-dynamics [Myo01, QCGQ03]. Gaseous [VG01]. gases [SM05, VS09].
GASpAR [RFFP06]. Gauge [BU02, PS07d]. Gauge-Uzawa [PS07d].
Gauges [SS01b]. Gauss [ABHT03, AB05a, CLS05, KK07, VB08, WK06, WGCE01, ZHSS09].
Gaussian [ADK00, ADK02, BZ09, Cam03, Chr03, FG04, HMA05, KKS07, LQ09, TET09].
Gaussians [PC02, TB09]. Gau[tschi [BHvdV06]. GDG [FCJ08a, FCJ08b].
Gegenbauer [Boy05b, Lur07, MLFG06]. General
[ALT08, AG09, BLW01, CL01b, CRD02, DPCV02, Edw00, ELC02, LBD02, PW00b, PW01, AK06a, ADR08, Bar04, BRC09, BP09, CDDL09, CWYM08, CHE09, DHOT09, DSJ03, ERVE09, FLB03, GC03, GSB03, GBS06, Her09, HR07, KA05, KPK09, KS08b, Kuz06, Lau06, LJ09a, LHS08, LGM08, Mac03, MS03, MJB06, MS04, MY03, NN04, RB07, RCD05, RH05, SS05a, SP06a, XDB09, Yam05, YHSX07, ZHV04, vdVvdV02]. General-Purpose
[DPCV02, Kuz06]. generalization [Ber06a, PS07a]. Generalized
[BT08, BF09, IK01, Kro05, Lin01, LR01b, Myo01, NL09, RMF08, SK08, SS00, VQ03, VQ05, Yon01, AS07, AK09, ABR09a, ABR09b, BSW03, BLW04, BS08a, BBvdV06, CXB08, CJS08, CYS06, FCJ08a, FCJ08b, FRS08, GH03, JMH04, LY07a, LS07, LX09, MY04, PP09, ST06, SH07, SK04b, WFTS05, WG08, WK05, WA09, XK03].
generalized-Laguerre [BS08a]. generated
[EES09, FNBB09, MR07b, MSB07a, SM09a, WF06]. generating
[FE04, GZ08, HVHS05, Nit05]. Generation
[AJG01, CFGK05, GW06, VB00, VRM07, CGDT09, CJ04, GS09d, Hua05, Kar04, Kau03, KS03, LB03a, RS09b, SE09, TDW08, ZJW06, ZJWC08]. Generator
[MDJS07, Aza06, KE09, WM03]. Genetic
[HCG01, MK02a, RS02, KG05, MC03]. Genetic/Powell [HCG01].
Genuinely [GF02]. Geodesic [Gir00, TTS01, JC06a]. Geodesics
[MS01, YC06a]. geometric materials [MDM03]. Geometric
[CK08, FGG01, GS02, IKS01, MG07c, OCK+02, SK07a, BGN07, ÉGP09, JY08, KS08b, MY06b, SS09a, YW07]. Geometrical
[dSM05, AA07, AMS03, CMS09, CQRW05, JW06, LH08a, Wey06].
geometrically [AK06a, BC04, GS05c]. Geometries
[CL00a, CL01b, DDH01, KKC01, LMS02, Mie00, BWLM09, BYZ04, BS04c, CJ07, GC03, GN07, GBS06, GMO04, KB06, LV07, MCM04, MCGV04, MMP07, MK06, PKD07, PC08, Pop03, RJ06, SROCP05, TAL09, YXL05, ZJWC08]. Geometry
[ART02, CRB00, Lai02, LB00, LBV00, LS01, PW00b, PW01, AMS07, BAF09, BBT08, BBW06, BP04a, CGRG04, CR05, CFP07, GIA08, HS04, Jao07, KZMY09, LG04, ML05, ML06a, MA09a, MS08a, ORM06, OPL07, Pro03, RB09b, SP06a, TF03, XSG08]. geometry-aware
[ML06a]. geometry-based [CR05]. geometry-compatible [BAFL09].
geometry-dependent [ML05]. Geophysical
Geophysical-astrophysical [RFFP06]. Geostrophic [FR02, MPD03, TRSK09]. Gerris [Pop03]. GeSEM [CJSS08]. GFD [CYS06]. GGB [WFTS05]. Ghost [Fed02, LKY03, BF08, FRS08, LKW05, MMPB07, TF03, WTL08].

ghost-cell [TF03]. ghost-fluid [MMPB07]. Gibbs [Boy05b, JS07]. Gilbert [dSM05]. Ginzburg [DDG02, RSS09]. giving [TW05, TR07]. GKS [GLLX08]. glass [Tho04]. Glimm [Min07]. glitch [Tan05b]. Global [DSS00, LRMB08, RTT01, BG07, CGM07, Gel06, GD05, LJS08, MC03, NLS03, NLE06, SMT+08, THN+07, WFTS05, WDO+03, dDEK09, ADK02]. Globalization [BB07a]. Globe [LR01b]. Globular [DPRS01]. Glow [hLA01, SS04]. GMRES [GKL00, NOG08a, TWS02]. Goal [BTWGvBW07, OV00]. Goal-Oriented [OV00, BTWGvBW07]. Godunov [AT05b, BSKH07, CJR04, CCF+05, FF02, GS05b, GS08, GR04, Gui02, HB02, LD04, MN09a, MP05, MC01, Min07, MC07c, PK03, SWK06, SZE01, TB06, TFD06, Xu01c, vBK03]. Godunov-type [AT05b, CJR04, LD04, MN09a, PK03, TB06, vBK03, Gui02]. Good [Vas00, ZYHS07]. Gordon [BY07, HJL09, HZ08, RBK09]. GPU [ELD08b, PVPS09, YWC07]. graded [HO08a, MGC06, MG06, MG07d, ZB07]. Gradient [JLDC01, JTB02, PKvdB00, WH00, ZCMI01, AMLC08, CSL08, DEHL06, Fen06, JHBK08, KDF07, Kiin04b, Ovt08, RSS09, RBT03, Tok06a, Tow09a, Yan09].

gradient-dependent [JHBK08]. Gradients [HGN00, Cho05, DL03b, LP06a, ML05, Pro08, SNLS03]. Grain [KAIN01, CP04b, ES03a, EES09, SW04a]. Grain-Boundary [KAIN01, CP04b]. grained [IM07, KMV03]. Granular [CB02, TNGH02, FPT05, KD09, SM05, Vd04b, VQL04, ZVQ07, ZDO8]. granular-flow [VQL04, ZVQ07]. granular-gas [KD09]. graph [LQX06]. graphics [ALT08, GD08, KWBH09]. grating [DBB06]. gratings [BHS03, BS04d, BS05]. gravitating [BvdHKG07]. gravitational [DHM03, NB04, TXCD07]. gravitationally [GBC06]. Gravity [BTWF01, Cha09, DQA08, GB08a, Kas07, VBL04]. Green [BKM09, CY00, CWJ07, CTS07, DSB06, FDD09a, JSCZ08, KR09c, MLS07, MRRS05, OJJV06, PLS+09, RK07, SCT06, dHRVd07]. grey [DL04, ED07, MYW07].

Grid [AJG01, ALGM01, AV02, Bdll01, CL00a, CA02, CL01b, CR02, DCV+01, DDH01, FH00a, GG00, HH07b, HLS02a, HLK00, KTO6, KKR01b, LP02, LLQ+02, MC01, Par02, RW00, RMO00, SMP01, SY03, SM00, TSTG01, TSG02, UMRRK01, VDO0, VD02, WZ00, XCO02, Yan01, YCO2, YCO2, dSAK00, vVvdVd02, AC09, Aza06, BGM08, BS04b, BCM+07, CL06b, CP06b, CP06b, CK08, CGKM06, CSML06, CK07, DMHP07, DCF+08, DTMS06, DG09, FS04, FL03, GZ07b, Gro06, Gro07, HZGB04, HZGB05, HC09, Her08, JX06, JX07, KE06, Kau03, KZV09, KAK03, KAS06, Lap04, LZ07, LZ09b, LZ09a, LRT01, LKMU05, LQX06, LSW08, LRS09, LBL06a, MZ09, MWM03, Mad06, MKL05, Men04, MZ07, MD06, MHE06, MV08,
harmonics [KL06, WJV07]. Hartmann [HY11, HY09]. Hartree [FHLK05].
Haurwitz [SD06]. having [Wen06]. HD [Saf00]. heap [NFA03].
heap-based [NFA03]. Heaps [Mn02]. heart [NL07, vLAvdV06]. Heat
[BW01, CS01b, CPK02, IY1+02, LTK+02, MCJ01, ZZ01, AMX09,
DQ04, FHL08, FF03, FDK06, GF05a, GL06, GYKL05, GLT07, GL09b,
HL04, HC09, JG09, LG07, LCNR07, LR03, MJ09a, MSP+06, MR07c,
MZ07c, Mou04, PFSL07, PS07c, SBCL06, Tau07, Thö04, TFDK04, VB08,
YYF09, YLD09, YSW06]. Heat-Transfer [IY1+02]. heated [FPT05]. Heating
[OL01, Rid00, DMR09, FLB03]. Heaviside [MG08, Tow09b]. HEFAT2005
[An05s]. Height [Bon00, FB08]. Hele [FS04, KW08b, LLL07], helically
[LP07a]. helicity [LV04]. helicopter [EHD08]. Helium [GG00, LKE04].
Helmholtz [AST07, AAC07, KH07, AC05, A00, BB08a, BFT07, BFT09,
BK09, BK08, Boy05a, CWL06b, CCG+06, D09, FT05, FSY00,
GKL03, Had05, HMPR07, IK01, KTD03, KR09e, LT09b, MP03, ND04, Pri08,
RKE+07, SFY01, ST04, VW02]. Hermite
[Cap08c, BS08a, Cap08b, Cap09, GS06b, LBL07, QS04, QS05, TCN09].
Hermitian [Cap05, Cap06, Ovt08, SPLM09]. Hessian [AL09].
Heterogeneous [CGSS00, DPRS01, OV00, RE05, AE03, AZ06, CCV03,
CDS04, GZ07a, GZ09, GLNN07, GLNN09, JLT06, LST09, LTL03, LH05b,
RKE+07, SMGJ09, WGT06, YE07]. heterostructures
[BNNP06, WHLL03]. Heuristic [Dwi08]. hexagonal [Thu08a]. Hexahedral
[MHS01, ZYC02, Aza06, Aza07, Aza09, CFP06, FM08]. Hierarchical
[Deh02, XLS09a, XLS09b, KF06, MZ09, MG05a, VCM00].
hierarchical-element [VCM00]. High [AC00, ACY00, APTJ+04, AHNS09,
BS00a, BFT07, BBM07, BRC+09, BLM03, BTW03, BGL05, BK01, BL03,
BS01, Car01, CL01a, CP04a, CKGL02, CYKC01, CS06, CS07d, Coe02,
CR00, CSP01, Cor00, CFR08, DT04, DZ00, DBBP08, DR09b, DDFT09,
DLS+00, ERT02, FT01, FR03, FCB02, FG02, GZ01, GF02, GHW02, Gir06,
Giv01, GN03, GP00b, GLN06, GKL00, GL08, HMOG08, HW02, HTO0a,
HT00b, IX09, JH06, JK00, KZ04, KM03, KT06, KMA+01, KB01, KB06,
Kry04, KT00a, KT00b, KT04, LL09, LG04, Li08a, LYC09, LS00, LCS09,
LR03, LF04, MN06, MP05, MC06b, MC01, MD01, NM06, NR01, Nic00,
Noe00, NX07, NC01, NT07, Nys02, OG02, PW00b, PW01, QS02, RH05,
SLY02, SYG06, SZC09, SS05a, SHY07, SL07c, TK00, TX00, TWY06]. High
[TCN09, TD07, TB04, TS02, VCP00, Vas00, WH02, WSY09, Wen07,
Wen09, WAH09, XS05a, XS06, XK01, YHSX07, ZTZ02, ZW04, ZT03,
Z03, ZZ06, ZS01, de 00, A04, AMR06, ACR08, AC09, BRDM09, BSKH07,
BH09, BFT09, BdCB09, BCT09, Boy06, BSW05, BH04, BHP07, BP04,
CJSS08, Cap08c, Cap09, CT08a, CQ004, CK03, CTS07, CC07, CS07a,
CKG04, CFP06, CC04, CF04, DSM09b, DE06, DC07, DTMS06, DDH05,
DI09, DK07, DET08, DZ09b, FNS07, FOLD05, FD07, GPC07, GG04, GH08a,
GSV09, GoM08, GL06, HH07b, HLS06, HWL08, HS03a, HS06, HJ09,
HY09, HY11, HH06, IQ08, JD09, JFB07, JLOT05a, JY08, JS05, KE06, KCGH07,
KG09, KM06, KM07b, KK05b, KL08, KYK07, Kok09, KPP07, KPP09,
[Kri07, KR09c, LG09, LL05, LTZ03, LX09, LN09]. high [LDW07, LR07, LF05, LTD⁺06, LS09, Mai09b, Mai09a, MRS09, MY06b, MOG09, Min04, MPFC08, NLF03, NOG08a, NOG08b, NPC09a, NPC09b, NWZL08, NF09, NGvdW09, OF06, OVG07, PPD08, PPCW06, QW05, QA09, QFR04, RRW05, RKE⁺07, RF06, SMD04, SWK06, SFE07, SMB09, SZS03, SZ05, STZ07, SJHM09, SY03, SGG⁺04, SCN07, SN08, TET09, TFD06, TDWY08, VWW04, Van04a, WL06, WM07, WGRA09, WZ07, WA08, WMH07, XCRX08, XP04b, XS05c, XYK05, YC09a, YS07a, YBZ06, You06, ZL04, ZJ09, Zho07, ZYHS07].

High-accuracy [AHNS09]. high-amplitude [PPCW06]. high-dimensional [DI09, LDW07]. High-fidelity [NT07]. High-Frequency [ERT02, ACR08, RKE⁺07]. High-Order [AC00, ACY00, BK01, BS01, CL01a, CKGL02, Coe02, CR00, CSP01, DZ00, DLS⁺00, FT01, GH02, Giv01, HW02, KB01, LS00, MC01, NR01, Nic00, NC01, Nys02, QS02, SLY02, TK00, TX00, TS02, VCP00, WH02, XK01, ZS01, de 00, APTJ⁺04, BFT07, BBMB07, BRC⁺09, BLM03, BL03, DR09b, Gir06, GN03, GL08, HMOG08, JE06, KT06, KB06, LL09, LF04, NM06, NX07, RH05, SS05a, TWY06, TCN09, TD07, WSY09, WA09, YHS07, ZW04, ZT03, AC09, BFT09, Bdc09, BH04, BHP07, Cap08c, Cap09, CT08a, CC07, Ck04, CF06, DSM09b, DC07, FNS07, FLD05, FD07, GPC07, GC04, GH08a, Gon08, HH07b, HWL08, HJJ09, JD09, JBF07, KE06, KKi05b, KKL08, KYY07, Kok09, KPP07, KPP09, Kri07, LTZ03, LN09, LF05, LS09, Mai09b, Mai09a, MY06b].

High-order [MOG09, NLF03, NOG08a, NOG08b, NPC09a, NPC09b, NF09, QW05, SFE07, SMB09, SZ05, STZ07, SGG⁺04, SCN07, SN08, VWW04, Van04a, WL06, WM07, WA08, WMH07, XCRX08, YC09a, YBZ06, You06, ZL04, ZJ09, Zho07, ZYHS07].

High-Order-Accurate [OGV02]. high-performance [XYK05]. High-Resolution [KM06, KM07b]. High-Speed [KMA⁺01, BHS09, HS03a, HS06]. high-wavenumber [CC04]. Higher [DV02, Fox09, GP05, HM04, JMC03, MBM01, PM00, SH07a, SP06b, Tol07, VGc05, VG02, YMT⁺04, vzddB07, APP⁺07, FRS08, GLT07, HMP07, Hel09a, HMM06, HB05b, KP08, MC07c, MPP08, ODA07, PKD07, WD07, ZS08].

Higher-Order [PM00, VG02, Fox09, JMC03, SP06b, YMT⁺04, vzddB07, APP⁺07, FRS08, HMP07, HMM05, HB05b, KP08, MPP08, WD07].

Higher-than-fifth-order [Tol07]. Highly [CL02, FK02, SE09, deM02, DGH08, EG08, HH07a, HDR⁺06, Lr07, MD06, SWB⁺06, WGNT06, vdDA06]. highway [ZWS06]. Hill [DK06]. Hilliard [CR07, CPF08, pH09, KW06, KKL04, WKG06, WK07, XXX07]. histogram [BS09a]. history [BS07]. HLL [Jan00, MK05]. HLLC [Cap08c, HJ07, HAI09, KLL09, Li05]. HLSM [Cap09]. HOC [KR09a].
Hodge [Sum00]. hollow [DJ04]. Holm [COR08]. Homentropic [KLvBvL02]. homoenthalpic [BEA09]. Homogeneous [Cle00, SPW+00, BIVC07, FR03, KM07b, KW03, PH09, SBA07, TMD07, GM04]. Homogenization [PR01b, AE03, SKR06, YH07b]. homotopy [LR07]. Hood [LSA06]. Hopper [GM01b, GMO04, GMS06]. hopping [KLW09]. hot [GS05a]. hot-phonon [GS05a]. hp [BW01, NM06, PP09]. hp-finite [PP09]. hp-multigrid [NM06]. Hubbard [CD04]. Hugoniolt [JR09]. human [BCD06, XS07, ZK04]. Humans [POS00]. Hutter [FNBB+08]. Huygens [Ber07]. HWENO [BAMD07]. Hybrid [BM02, Bow01, CS03, EFM02, EF02, EF03, GKO1, HL07a, HP04b, HCG01, JPMC01, KC00, LS02a, LM01, MPOC01, MPC02, Pir02, QL01, RB02, SA06, Stu01, WWK05, vdkHK07, AK06a, ABR09a, ABR09b, AJ09, AGW07, BFB08, BAMD07, BCCV09, BB09c, CCG08, CHB09, CY06, CD07, CDL04, CDL05, De 04, DB08, DR06, DUEB07, GXXV07, GSO5c, GN07, HR08, IH04, AK05, KKO5, Kwo08, LG08, LM03a, LKO05, LBL06a, MC07b, MCP03, NTO+07, NK08, NG06b, OK06b, PL+09, PGN08, RJ06, RLZ03, SRM09, SB06b, She08, SCR08, SBC04, SK06, TKH09, VTC+07, ZHO4, ZLO9, ZSB+08]. hybrid-Vlasov [VTC+07]. hybridizable [NPC09a, NPC09b]. hybridizations [RGK07]. hydro [LW04]. hydro- [LW04]. Hydrodynamic [Myo01, NLJA06, SMP01, AK09, BS04a, BM06, BTC05, BH09, BBW06, Che04, CELS07, DJM05, HGB03, HLF07, HS09b, LCB04, Li08a, LYC09, Myo04, SP04, SE04, SO08, SY08]. Hydrodynamical [Rom02, ZD00]. hydrodynamically [AGW07]. hydrodynamically-interacting [AGW07]. Hydrodynamics [BKR+01, BZ08, CRB00, CPK02, DW00, IL02, PM02, ZF02, ASP03, BRD09, BZ04, BBC+06, BOT05, BD06, CGSR08, CL06a, CDDL09, CFL+03, CL03b, CEL06, DSTM07, ESE07, HK08b, HX05, HG03, KSW07, Li05, LC06b, LSW08, LRS09, MN09a, MC06b, MFOV09, Min07, MC07e, MH05, RH09, TM05, TMSW07, ZB07]. Hydrogen [CP00, GG00, BRB03]. hydromedusa [SM09a]. hydrophobic [ZTP05]. hydrostatic [BKLL04, IL03, SE04, SP06a]. Hyman [RV07]. HypPAM [ZL09]. Hyper [MS01, DLM03]. Hyper-Surfaces [MS01]. hyper-systolic [DLM03]. Hyperbolic [AC00, ACY00, Asl01, ADK00, ADK02, BJ00, BAFL09, DKK+02, Dur00, FM000, GC01, KKP02, LL00, LMSW02, MOS+00, NTY01, NTY02, PL01, RC00, St02, TS01, Xu01a, YL01, Abg06, AC09, ACLKMP09, BR09a, BBCT09, BCCD08, CL07, Cap08a, Cap08b, Cap08c, Cap09, CT08a, CP08, CGKM06, CD07, De 04, DQ04, DK07, DKT07, DET08, Edw06, Gir06, Gui05, HH07b, Hwa03, JR09, JTL09, JLOT05a, JAK05, KPP07, LL03c, ML08, Mi04, MC07b, NG06b, PC06b, RL03, RBvdV08, RDPN07, RBL04, ROS06, SD04, SY06, SZL06, SR09b, TT05a, TT05b, TH09, THS07, TY07, W06, XS06, vDZ06]. Hyperbolic-Elliptic [Xu01a]. hyperbolic-parabolic [BR09a]. HyperCASL [FD09b]. hyperelastic [Mi04, YH07b]. hyperreduction [Ryc05]. Hyperpotic [BM01b, KKR01a, KKR01b, ELD08b, SS07, XMT05, XHC08, ZT03].
Hyperspherical [AKV00]. hypersurfaces [BGN08]. Hyperviscosity [CC05]. hysteresis [Spe05].

IAT [Moo03]. IBC [Ano07d, Ano07e, Ano07u, Ano07v, Ano07w, Ano07x, Ano07y, Ano08u, Ano08v, Ano08w, Ano08x, Ano08y, Ano08z, Ano08-27, Ano08-28, Ano08-29, Ano08-30, Ano08-31, Ano08-32, Ano08-33, Ano09y, Ano09z, Ano09-27, Ano09-28, Ano09-29, Ano09-30, Ano09-31, Ano09-32, Ano09-33, Ano09-34, Ano09-35, Ano09-36, Ano09-37, Ano09-38, Ano09-39, Ano09-40, Ano09-41, Ano09-42, Ano09-43, Ano09-44, Ano09-45, Ano09-46, Ano09-47, Ano09-48].

ICCG [VSMW01]. Ice [GC02b, Hun01, SSL00, MB04, Noe00]. Ice-Sheet [GC02b]. Ice-Thickness [GC02b]. ICF [DDFT09]. Icosahedral [TTSG01, TSG02, SMT08]. Ideal [SHWW00, TX00, AT05a, CCF05, HLS06, HT07, HJ07, LD04, MK05, NN09, Sam09, Ser09, SHY07, Tor03, TA06, Waa09, YHSX07, ZK06, Zie04].

ideal-magnetohydrodynamics [ZK06]. ideal-MHD [Sam09]. Idempotent [KCH06]. Identification [Gut00, BG09, Kou09, PS03a, VK04]. identifying [NLT07]. IDO [IKS09, IA06a, IA06b]. IECM [CRAG07]. IEM [CRAG07]. IFC [Ano03n, Ano03o, Ano03p]. ignition [VG01]. II [ACY00, AGT05, ADK02, BT07b, Cap06, Cap08c, CBKM00b, CP06c, CFGK05, CY05, DW00, DTS05b, FS00b, Gos04, GNO04, Han08b, HS03b, IR09, JR04, JW02, KM07b, KKR01b, KK05d, LRM+02, Lio06, LL03c, LKM05, LMS02, MS08a, m07a, NMH+07, OKZ07, PGB05, PFS07, PCS+09, SD05b, T0ZP03, Tyg08, VBJ08b, WL02, XAI06, ZLAC05, ZQSD08].

III [BMK06, GM06, GMS06, HT03, JW03, YU05a]. ill [vdDA06]. ill-posed [vdDA06]. Image [CPP02, KMA+01, XDC09, DC07, FSS03, XCY06]. Image-Charge [CPP02]. images [ADE+08, CJLS09]. Imaginary [GST02, LTE07]. Imaging [HSZ04, BHL07, BGR08, KNH05, KE09, PL09a]. imbedded [Zho07]. IMEX [HR07]. Immersed [CM00, Cor00, FMV000, GKV09, KKC01, KC06, LP00, LL01b, SW00, WFC09, ZP02, AKP07, Ber04, BJ09, BGS08, BP08, CCR09, CX09, COER07, DCK08, FM04, GS07, GMD07, GSB03, GP05, GH08, HK08b, HS08b, HS08c, HST07, HST09, HF08b, IK07, K09H, K09H09, L08H, LKP06, LKP07, LTP04, LTP05, LMZ+08, MvW08, MvW09, MvW09, NFG07, NFG07, PSC+06, Pon09, RAB07, SLC07, SSN03, T0Z07, TCL07, TLL+08, TLK07, T0F03, U0L05, V0K03, WZL09a, WZL09b, W09S, WW06X, Xu08, Y09S, YLH09, Z07Z, Zho07, dTD1+07]. Immersed-Boundary [FMV000, KKC01, LMZ+08, YS09, Z07Z]. immersed-boundary/level-set [YS09]. immiscible [ICO04, TBJ+99].

Immittance [Mac00]. Impact [SCT08, ZYWK01, BZ08, CB09, GA09, KF04, K0F04, K0F04, K0F04, MC06b, RGS04, SL04, TU04, UTBV03]. impact-produced [KF04, K0F04]. impacting [LKY03, WIS08]. Impedance [HCG01, CCR07, HS09, IKL+08, LCC07]. impinging [NTB07]. Implementation [AG08, B01K, CTW+08, DCS00, Dar00b, Gel06, HHPW08, IK01, JC06b, KH01, LLS09, MM01, MN02, PM00, Set01, Sof09, So09].
CLG07, Car09, CP06b, CP06c, CELS07, DSB06, FLE03, FYH⁺06, HWL08, KSHS08, KB06, LJ09a, Liv07, LLRP09, LQ06, MC09, Pon07a, SKS08, SHS08, SD05b, XDB09, YBS06, Yok07, vZS07. implemented [ALT08, CSL08, MKLU05]. implications [GPL05, KMID05]. Implicit [AC00, ACY00, AHF04, BCOS01, BCVK02, BSP06, CBKM00a, CBKM00b, CKF02, CB02, DOWB01, ED07, Gen01, GMB01, HK00, HT00a, HT00b, HLY09, HF08b, MS01, PCP08, RH01a, RLBO2, RXH02, RB02, SWL00, WM07, WA02, WZ00, WS09, Yua02, ZTZ02, APR09, Alb08, Bon00, BLM03, BMDS05, BSW05, BUEG06, CFR09, CK03, CL06b, Cha07b, DPRN05, DR06, DWLM09, Dim07, DF04, FDD09a, GL09a, HR08, HAD06, HM05, HS08b, JBF07, JLT06, KCGH07, KK07, KB04, Kuz09, LH05a, LC06a, LM04, LWP⁺09, LM08c, LH08b, Low04, LLC⁺08, LZH⁺06, LZH⁺07, MvW08, MC06a, MELD08, MU09, MB03, ML06b, Mot08, MP02a, WPM02a, WDO⁺03, WZ03, WdND06]. implicit-explicit [GL09b, KCGH07]. Implicitly [Mou04]. imploding [BPMR08]. implosion [NJLA06]. implosions [FRS08, KS08a]. importance [ASPB03]. impose [PK05]. imposition [APQ03]. Impossible [Azm02]. impregnation [Mad05]. improve [HM09, LY07b, SFVK06]. Improved [BLW01, CKR00, CKR01, EFM02, Hei05, KK00c, MP01b, Pro03, Pro05, SK03, Xu01b, Abr07, BCCD08, BOT05, CBH03, HvHHS05, HLMM07, KZWW09, KW03, LHGF05, LP09, ML06a, MJ07, MD06, NE05, ODAF07, Pon06, Pro07, SCW⁺09, TMD⁺08, TS07, WYS09, WKB07, XDB09, ZZ07]. Improvement [Bil05, FDD07, SVB09]. Improvements [CSC⁺08, HMOG08, MPFC08]. Improving [BL01, HMM08, TB06, AG09, GS03a]. Impulse [Sum00]. impulsively [DCK08, KR09a, NCS03, Sam09]. Impurities [Gos04]. Impurity [VDM⁺02]. inclined [QP03]. inclining [BMS00, DK02a, JP03, BBDE05, BL08, GS05a, HC08, HF08a, WG09]. Inclusions [Bal02, CGDT09, KK03a]. Incomplete [LZL03, Moo03]. Incompressible [BCM01, CFA01, CPT01, Cod01, CMOV02, Del03b, ESE07, GPH⁺01, Goe00, GQ00, GSW00, HLS02b, HHH02b, JL02, KA05, KC00, KM00, LHH02, LOK01, LS00, LW01, MPP01, MC00a, NFK01, Pai01, PKP01, PSN00, QV01, Ros00, Sn01, SP00, TC01b, VC00, WPW02, WPH00, WS01, Yua02, BCDR06, BGM08, BF08, BS04a, BJ09, BGLN05, CPR05, CCG08, CRAG07, CYS06, CSL08, COER07, CRM08, CÇ08b, DHOT09, DSM09a, DDH05, DS06a, DSS07, EHS07, EHS⁺08, ÈGP09, FP08a, FL06, FGP08, GS07, Ge06, GSV06, GCBN07, GPP06, GS03c, Gri09, GR07, GS03d, GS09c, GLXL08, HAS05, HK08a, Hei05, HVAC09, HA07, HA09, HC05, IK07, IAT08, IOTK04, JLL⁺06, KR09a, KE06, KDK⁺07, KDF07, KT03, LL09, LKP06, LL05, LMX⁺08, LF05, LRZ04, LKO05, Liu09b, Löh04, LHGF05, MVD04, MR06a]. incompressible
Incorporating [BHR04, HKO07]. Incorporation [DM03, Cha07b, HS07b]. Increasing [AT08]. Increasingly [BS00a, ZJS08]. Incremental [DB00].

Indefinite [Had05, RS05, RS09a]. Independent [BSB01, CCJ07, CN05, CJK+03, CSMH05, Lap04, LTE07, SGFL09, YBZ04, Yin06].

Index [Ano03s, Ano00t, Ano00u, Ano00v, Ano00w, Ano00x, Ano00y, Ano00z, Ano00-27, Ano00-28, Ano01s, Ano01t, Ano01u, Ano01v, Ano01w, Ano01x, Ano01y, Ano01z, Ano01-27, Ano01-28, Ano02s, Ano02t, Ano02u, Ano02v, Ano02w, Ano02x, Ano02y, Ano02z, Ano02-27, Ano02-28, Ano03s, Ano03t, Ano03u, Ano03v, Ano03w, Ano03x, Ano03-27, Ano03-28, Ano03-29, Ano03-30, Ano03-31, Ano03-32, Ano03-33, Ano03-34, Ano03-35, Ano04-27, Ano04-28, Ano04-29, Ano04-30, Ano04-31, Ano04-32, Ano04-33, Ano04-34, Ano04-35, Ano04-36, Ano05-29, Ano05-30, Ano05-31, Ano05-32, Ano05-33, Ano05-34, Ano05-35, Ano05-36, Ano05-37, Ano06-28, Ano06-29, Ano06-30, Ano06-31, Ano06-32, Ano06-33, Ano06-34, Ano06-35, Ano06-36, Ano06-37, Ano07-33, Ano07-34, VSG05].

Indo [VSG05]. Indicator [CHR01, KKP02, BAMD07, CR05, Khe04]. indicators [ZQ09]. Indirect [KS02a, WK04]. Induced [POS00, ABLS05, BCDW06, DL03b, MM07, RV09, SZC09, SCR08, VVS08, YT07]. Induction [CBB01, FLB03, GFR09, IDD04]. inelastic [SM05]. Inert [dSAK00]. Inertia [GS02, JP03]. inertial [KMSH08, PK07]. inertio [Kas07]. inexact [GG09b, HC05]. inextensible [VZ09]. inference [MN09b]. inferior [Boy06, WZ07]. Infiltration [JWSC00, JW02, JW03]. infinite [BRB03, GVT01, Mil08, ST04, zSW06, zS06, VCT07]. Inflow [LP06b, FE04, GW06, KS03, Lar09, MJ07, SA05]. inflow/outflow [SA05]. Influence [BT07a, NW07, RB09b, Wal03]. information [HMA05, MY07, Ram03]. Inherently [BS00d]. inhomogeneities [AV03, Tj09]. Inhomogeneous [FS00a, FS00b, HHCL01, LM00, OS01, BH04, CJSS08, DBF08, GGB04, HLF07, Lar07, SF03, YHCD05, ZWS06].

Initial [Kas07, KJ01, AMXL09, BHL07, BS05, CL08a, FF03, RM04, SN06, Tem06, TDV06]. initial-boundary [FF03, SN06]. Initial-value [Kas07, BS05]. initio [GM06, SLG+03]. Injection [CVB00, FKV08, dSHM05]. ink [YSS05]. inner [Ge06]. inorganic [MWG+06]. input [GZ08]. inputs [DI09]. insect [Liu09a]. insoluble [GT09b, JL04a, LTH08]. Instabilities [PD01, KP08, LL08b, MC09, MV06, NLT08, Pri08]. Instability [FBFF00, HGB+03, LS02b, Lio00, MT01, Mon00, CL07b, CMG07, FS06, KTD05, sKRRH03, LSD07, LS08, Sus06, TM05]. Instructions [Ano03q, Ano03r, Ano03s, Ano03t, Ano03u, Ano03v, Ano03w, Ano03x,
Ano04q, Ano04r, Ano04s, Ano04t, Ano04u, Ano04v, Ano04w, Ano04x, Ano04y, Ano05t, Ano05u, Ano05v, Ano05w, Ano05x, Ano05y, Ano05z, Ano05-27, Ano05-28, Ano06t, Ano06u, Ano06v, Ano06w, Ano06x, Ano06y, Ano06z, Ano06-27, Ano07z]. instrument [FHJK09]. integrable [CHL06a, CL08a]. Integral [AGH00, CHL06a, HO08a, HEL01, Stu01, SG03b, AvdB04, AD03, BO04, Bot06, BT09, BEPT09, DBF08, EG08, GGS09, gla05, GPVB07, Gui03, Hofo4, HLX06, JA08, JR03, JR04, LN09, MR05, SB06c, Ten03, TC09a, TAdaAP08, VGZB09, WXG07, XSG04, XSG08, YBG06, YH07a, YLA08]. Integral-differential [SG03b]. Integrals [GM01c, Saf00, Saf02, SS01b, BLL03, GvH06, MG07a, MT10, SB06a, Wen07, Wen09]. integrate [CSC+08]. Integrated [Liu09a, ZRR00, Xia04, XAI06]. integrating [JBF07, Kro05, SK06]. Integration [BKR+01, BCRV02, HF01, LBV01, Lou00, MCC02, PW000, Sam01, SDD07, WDM01, Bal08, BSW05, CP03a, COR08, CSML06, DEHL06, FG06, HBHS09, JMC03, KEB+07, KCM00, KL07, Low04, MRR05, MELD08, MG07b, MT04, MG07c, MDM03, NWZL08, OS04, OK06c, PH09, RBSL06, RMGK04, RSO04, SV07, SHPC09, Tok06a, VVM05, WGO8, Yeh07, dSM05, vZdBB07]. integrations [ZHSS09]. Integrator [LR01a, KSHS08]. Integrators [IKS01, BIS07, FDL08, MGS09, QM03, SW08b]. Integro [HR01, Chu09, IDD04, SWK05]. Integro-differential [HR01, Chu09, IDD04, SWK05]. integro-moment [VVS08]. intended [DDFT09]. interacting [AGW07, DDD05, SW08b]. Interaction [Pir02, Sur05, ZD06, BEE06, BQ09, BG08, CDDH07, CWL08, FM04, FG07, GHB03, GCC09, HK04b, HA09, KYK07, LDM+09, LMZ+08, LZH+07, MMS04, Pap08, QFR04, SK05, S06b, T07b, XCY06, XW06, YM07, YF09, ZD05, vLA06, vZdBB07]. Interactions [Han01, LTD07, VR02, AK06a, AMP09, BL08, BBW06, CC05, Eld08a, FT09, GH02, KM08b, LWP+09, LJK09, LKM05, Mar06, MSP+06, SPT05, SL07a, TS04, YS09, Yu05b]. Interconnects [AIR90, AIR03]. interdisciplinary [Ler06]. Interface [AMSO7, CPT01, CB1+04, DSS09, EFFM02, GW01, LS02b, LL01b, PL01, RM01b, SW00, SAM05, TC02, UMRK01, Wa01, YSC01, AS07, AMS04, Ber04, BR09b, BN09, BW07, CET09, CA06, CDDH07, CS08a, CXZ09, CS07c, CB09, DR06, DDM07, DIL03, DP09, DSS07, FS04, FG09, FCT07, GMD07, GCN07, GAC+09, Her05, HK04b, HKH06, HA10, JGJ06, JGJ07, Kim05, KPP07, KPP09, LLP07, LKP06, L09b, LI08, LF05, LK09, LMK05, LHG04, MLK05, MDP+08, NT07, NLT08, OSK09, Q07, QLS09, RMB07, RVR06, SF09, S07, SDT08, SB07, SSH+07, TLL+08, TLK09, TU04, XW06, Xo08, YU05a, YJL+06, YS09, YZW07, YW07, ZL08a, Zho07, ZW06, ZZFW06, vEB05]. Interface-sharpening [CET09]. interface-tracking [BR09b]. Interfaces [ACK02, Gla01, SZ00, Str00, Str01a, TK02, AS03b, AMS03, BS08b, BL09b, CD03, DS08, GL03, Gre04, Hel05, HL05, HST09, Jia07, JY08, Kro02, LL07, LP04b, ML05, OK06a, PP04, Sam09, SP09, SS08, TLK09, TT09, UTBV03,
iterate [AMXL09]. **Iterated** [SS09c, Wel07]. **Iteration** [Boy02b, Yan08, Kümm04b, LY07a, LY07b, TB09, ZSTC06]. **iterations** [BEPT09, MYW07, Otv08, YLD09]. **Iterative** [AvdB04, BS00e, GZ01, HBHJ08, Man02, RY07a, TB09, ZSTC06]. **iterative** [BEPT09, MYW07, Otv08, YLD09]. 

**IV** [WZL04].

**J** [ABRR09b, CL08b, DD03a, HMS08b, HY11, HLWW06, JJGL07, Lau06, LM03a, MKM04, Mi07, SM09b, SCC+03a, WZL09b, dTWD09]. **Jacobi** [BPS03, BL03, CQ04, CP06b, CC07, CS07b, CY05, CL00b, FF02, Had05, KOQ04, KOQ08, KR02, KT00b, QS05, SR09a, TTZ03]. **Jacobian** [CBKM00b, CZ09, CSV00, KK04, KMS02]. **Jacobian-Free** [CBKM00b, CZ09, KK04]. **Jacobians** [Chu09].

**jamming** [YHCD05].

**Jamming** [DTSC04]. **Jet** [ZYKF04, DB04, LLC06, YFLS06, YSS05].

**Jett** [YSS07].

**jump** [MDJS07, RC06]. **Jumping** [LHZW05].

**June** [Tol02a].

Kac [BLL03, PW00].

**Kalman** [IKL+08, KFH+04, KFG06, LX09].

Kantorovich [DCF+08].

**Karhunen** [BP04a, ST06, ZL04].

**Kármán** [YKG04].

**KdV** [Dur08].

**Keller** [PS07a].

**Kelvin** [CPG04, KTD03, Pri08].

**kernel** [DLD+06, MRRS05, SL06, YBZ04, Yin06, YH07a].

**kernel-free** [YH07a].

**kernels** [CGSR08, GyH06, HX05, Lau04, TMND07, WG06].

**Kerr** [de 00].

**Kershaw** [FM08].

**Kind** [GST02, Gui03, JR03, JR04].

**Kinds** [Boy02a].

**Kinematic** [TFD06, BK07, LLZ07, Po05, XSG04, XSG08].

**kinematics** [BST03, LTC07, Liu09a].

**Kinetic** [CKR00, CRK01, CL01a, CHBS04, Del02, DL04, FL06, HK04c, KK00b, KQW03a, Lap02, LM08a, LX00, Ohw02, San01, TX00, TR01, Xu01b, Xu01c, Xu01a, Xu02b, ACW07, BBM09, CL07a, CBC09, CV06, CP03c, CEL07, C09, CDL04, CDL05, DJM05, DDM07, ELVE07, Fox09, GC06, GBB+06, HM09, HS07b, JX07, KK05a, QW03b, LGK07, LFO4, LF06, LZ09c, Lu08, MMK08, MSJ07, NJX08b, NJX09, OX04, OK04, OF06, QW05, QA09, RCT07, RSM05, RO06b, SSE03, Sch08, SH07, SY08, SA06, SS06b, SC09b, SK07b, TDWY08, TXCD07, TKH09, V05b, WXG07, XH03, XMT05, XHC08, YHSX07, ZSB+08].

**kinetic-fluid** [CDL05, DDM07].

**kinetic-hydrodynamic** [CEL07].

**kinetic/liquid** [CDL04].

**Kinetics** [MOV00, SD00, BHL+04, LGP09, Lap03].

**kinetics-based** [Lap03].

**Kirchhoff** [GPL05].

**KIVA** [TT06c].

**KIVA-4** [TT06c].

**Klein** [BY07, HZ08, HJL09, RBK09].

**kMC** [RMGK04].

**knot** [JC06a].

**knots** [MR03].

**known** [KZWY09, Lab09].

**Knudsen** [KPB08].

**Korteweg** [CM07, LGK06, LY06].

**Krig** [GSK06].

**Krylov** [BB07a, BT02, BEPT09, CBKM00b, CS08a, CZ09, FWP09, HJM07, JH08,
KM00, KK04, MYW07, MKR00, NOG08b, SNGAS04. Krylov-accelerated [CS08a], Krylov-Based [BT02]. Krylov-subspace [BEPT09]. Kuramoto [CFP08]. Kutta [HyLL07, ZP06, AHNS09, Bal08, BP09, BSB01, CFR04, Dri02, HL06b, KCGH07, KHV01, KWD07, KDW08, LX07b, QS04, QKS06, QLK07, Rei00, STR07b, Tan05a, ZQSD08, ZQ09].

LA-UR-03-3852 [Har04]. laboratory [BvdHKG07, Har04]. Lacunae [QT08, Tsy04]. lacunae-based [Tsy04]. Laden [WK01a, JD09]. lag [MKKY06]. Lagrange [BG05a, DDK06, DLMK04, Gir00, HB02, SPT05, VNM07, ZSP08].

Lagrangian [NTYT02, Tol02a, AA07, AH08, AEP04, ALGM01, AHMS03, BG07, BBC+06, BS08b, BS03a, BLG+08, BR09b, Bon00, CRB00, CL06a, CFF07, CDDL09, CS07a, CJR04, FF02, FP08a, Fed02, GT09a, GT09b, GH03, GPF03, GCCD07, GBB+06, GD05, HK05, HK08c, HPZ01, IX07, Jao07, KMS08, KMS02, LS03, LHZW05, LCS09, LY04, LS05b, LC06b, LSW08, LSR9, Mai09b, Mai09a, MN09a, MGGH00, MP08, Mee04, ML01b, MDM3, NSS03, NTYT01, OF02, RB05, RBS06, RWWS07, RCB05, SM09a, Str00, Str01a, TOY09, Tol02b, TJK08, XY01, XKO1, YSO07, YAO5, YFBH07, ZWS07].

Laguerre [BS08a, BRB03]. Laminar [BCVK02, VBL03, BC08, BEG03, CFL+03, GF08, GLLX08, LLC06, MR04, MAL09, RFVP09]. Laminates [Wee02]. Lanczos [CKLS05, Bor00, BS05, JHZ+09, SHS08]. Lanczos-type [JHZ+09]. Land [GKL00, KJ09b]. Landau [BCGO09, BC02b, DDG02, DDF09, FP02, HZ02, Len00, PRT00, RSS09, ZZ09, dSM05]. Lane [PSD09]. Langevin [BLW04, DEHL06]. LANS [HHPW08, PHW08]. LANS- [HHPW08, PHW08]. Laplace [GF05a, HZ07a, HSQ03, HW05, Kry04, SSN09, SY09b]. Laplacian [AHPT07, PAD07, Pon05]. Large [ATV01, BADG00, Ben02, Bor00, DF00a, ELDO8b, FLG01, FG02, Gui02, KS02b, KK00a, KDC05, LLQ+02, ME09, PPC00, TSB01, TR02a, ZWL02, AHNS09, AL06, AD04, BPS03, BBB08, BS03b, BSW05, BTWGvBW07, CF06a, CGDT09, Cho05, CM03, CSKD05, DT03, DSS07, DS09a, FDD09a, FDD09b, FH03, FKK08, Gra06a, Gra06b, HBL07, Heu03, HP04b, IOTK04, KS03, LZL03, LV05, LP06b, Liu09c, LDV08, LJ07, MCC04, MLM09, MGS07, MDM03, MBP07, MPP07, MV08, MHd07, NFL03, PDHP07, PYC04, PM07, RMG+09, SSW07, Soc03, SFMP06, TSB03, TM07, Tok06b, TC09b, VK09, VT08, XL05, YZ07, YB06, ZSC06].

large-amplitude [CF06a]. Large-Eddy [KK00a, ME09, PPC00, TSB01, KDC05, BBB08, CM03, CSKD05, DS09a, FDD09a, FDD09b, HBL07, LD08, MCM04, MLM09, MGS07, MBP07, MPP07, PDHP07, SSW+07, TSB03, YB06]. Large-Scale [ATV01, BADG00, KS02b, ZWL02, BS05, BTWGvBW07]. large-step [AHNS09]. Large-Time-Step [Gui02]. Large-Wave [DF00a]. Laser [DGH02, DNS08, DDG09, GH03, HDBW05, KSHS08, LDL+09, Saut04].
laser-plasma [GHB03, KSHS08, LDL+09]. late [CL07b]. lateral [KJ09b].
Lattice [BTC05, BLW01, BdLL01, Del02, DC02, FH00a, FH00b, FSM+01, GS03b, Gua00, GSW00, HDC02, HHL00, IYI+02, LL03a, LLQ+02, MSYL00, MHS02, MAL09, PR00, RMB09, SS05c, Sun00, VLB09, XH03, vSE00, AST09, AL08, ABZ+08, BK07, BY08, CA06, Del03b, DCK08, FG05, FM04, GM04, Gos04, GM06, HvHHS05, HNGB04, HHCC08, ISNY05, IOTK04, IF09, JKL05, KY08, KMR00, LLP07, LL03b, LL05, LLC06, LT09b, MRS09, MR07c, NCS03, PL09b, PSC03, PSC+04, PA07b, PFB09, RSM05, SCT09, SPT05, SLC07, SS03b, So09, TB07+09, VCG03, WCC07, WS09, YZ07, YGL05, YF09, ZK05, ZSC07, ZSC06, ZTPM05]. Lattice-BGK [FH00a]. Lattice-Boltzmann [HHL00, BKS07, PA07b]. Lattices [vSE00, CLL07a]. Law [FGG01, VPA02, De 04, ÉGP09, FS06, GD07a, LL07, MY06b, Mil06, Mil07]. Laws [Asl01, BJ00, CDK00, CRD02, FM000, GC01, KT00a, LL00, Noe00, Sti02, TS01, Wan02, WL02, YL01, AKLMP09, BAFL09, BBCT09, BCD08, BP03, CLG07, Cap08a, Cap08b, CT08a, CP08, CGKM06, CD07, CKM07, DET08, Edw06, FS09, GV07, Gui05, Hub07, JR09, JTL09, KI05, LL03c, LWV06b, ML08, Mil04, PDL09, RLZ03, RCD05, SW04b, SYG06, SWL06, SZN07, SR09b, Tak06, TT04, TT05b, TT06a, TT06b, THS07, VCS04, WZL04, WG09, vDZ06]. Lax [KOQ04, LCS09]. Layer [DC01, Hu01, Hu05, Str01b, Vay00, Vay02, AK06b, AC09, BHF07, CRRG+04, CLL07b, GD07a, GKD09, HK08b, LLC08, MT07a, NK08, RJ04, ST04, Tu07, Zhe07, ZT03]. Layered [Hig02, AC05, And09, BFT09, Hig05, IOT08, SCT06]. Layers [Bal02, ELW01, GZ01, PPC00, TC01a, BFJ03, DH07, Dol09, FEO4, GGOB04, LP06b, Nat06, Rah04, SJHM09, SP06b, ZGG03]. LBB [AGP01, CHPR09]. LBE [GLLX08]. LBM [SL07a]. LDAF [WZ07, Boy06]. leaf [Dic08]. leaky [ZK05]. Leaping [BCK09, RE07]. Learning [Kou07]. Least [Cap09, PG02b, AMS07, BT05, BT06, BP04a, CSM09, DI09, GS03a, GNN08, HV03, HK08a, HMM04, HLM07, HDGK08, HY09, HY11, HK09, NCS03, PR03, PR04b, Pon06, Pon07a, PR06, SL07b, VB09, ZKY05]. Least-Square [Cap09]. Least-Squares [PG02b, AMS07, BT05, BT06, BP04a, DI09, HV03, HK08a, HLM07, HDGK08, HY09, HY11, HK09, PR03, PR04b, Pon06, Pon07a, PR06, SL07b, VB09, ZKY05]. Lebesgue [Hei05]. Legendre [AQ00, APQ03, Boy03, Boy04, CDI09, KOQ08, KT03, PDS09, SS01a]. Legendre-pseudospectral [Boy03]. Legendre-transform-based [KQ08]. length [AKP07, JG09]. Level [Asl01, BCM001, CT04, CBG09, CMK+01, CBMO02, Cho00, EFM02, HMM08b, Hig02, KAIN01, KLxVL02, LLdIP+00, MS08a, OF01, OS01, OCK+02, PS01, SW00, SET01, SJ02, SP00, TMB07, AS03b, AS05b, AJT04, ADIM09, AA06, AHMS03, BHR04, HSV07, COQ06, CM06, Che07, CSL08, CCT05, CQRW05, CC08b, DBMS05, DMP08, DL03b, EHS03, EHS+08, ET05, FSS03, GGS09, GCN07, Hab04, AMS08a, H107, Her05, Her08, HK05, Hig05, JVV07, JCT07, KH07, LW07, LW09, Liu09c, LTWW07, LLC+08, LTL+09, LTM09, ML06a, MRC06, MR06a,
MGCR07, Min04, MG07c, MG07d, MV06, NJLA06, NLT07, NT07, OK05, OKZ07, PHKF06, QLO4, RR07, SS06a, SYC09, SAKDJ05, SNC06, Spe05, Sus03, T206, T207a, T207b, TBJ+09, Tow07, TU04, WLKW07, WSTM09, WYS09, Wen09, XLLZ06, YJL+06, YSS05, ZGK09, ZLAC05, ZL08b]. level [vdDA06]. Level-Set [Asl01, CBMO02, Cho00, KLvBvL02, PS01, CBGI09, AJT04, ADIM09, AA06, Hab04, KH07, MG07c, RR07, Spe05, XLLZ06, YJL+06, ZLAC05]. Level-Set-Based [LLdlP+00]. level-set/volume-of-fluid [YJL+06]. Level-Set-Based [LLTA07, PC06a, Pav07]. Li [GIA+07, MCP03, GIA+08]. Li-ion [GIA+07]. library [SWB+06]. lid [AK05]. lid-driven [AK05]. Lie [San03]. Lifshitz [dSM05]. lifting [KRT+09, W809]. Light [KL06, SS01b, deM02, BMK+06, GGRS08, JD04]. Light-Cone [SS01b]. Light-Emitting [deM02]. Lighthill [ZSWW03]. LIGKA [LGKP07]. like [DLS+00, HO06, LNXNTX09, MEG02, Mi06, Mi07, PL09a, SB06a]. likelihood [Sti05]. Limit [BKR+01, DW00, Asl04b, BPM06, Boy05b, CWL08, CS04, CDV07, DP08, FPK08, JLOT05b, JLOT05a, LW09, Lur07, PSZ09, SD05a]. limit-cycle [BPM06]. limitations [CP06a]. limited [BDS07, CTT08, GD06a, LXM09, LLGL07, Ols07]. Limiter [BS01, RM01a, CT09, CS08c, KT04, LBL07, MOG09]. Limiters [BL01, Kri07, Kuz06, NJS08a, QSO4, Sofo9, ZQSD08]. limiting [Bet08, KK05d, ML08, YK08]. Limits [MHS02, Del03b]. Line [Gui02, POS00, RRL01, Khe04, MBS03, VP09b, ZG09]. Linear [AL01, Ben02, BBCT09, CP00, KKG01, Mav02, MYW07, NC01, QRHD00, RC00, SZ00, TS02, WC01, AMR06, AC09, BAY08, Bal08, BAR08, BDT09, BM05, BBO7b, BdcB09, BDC03, BPS06, BCI+08, CFS09, Cap08c, Cap09, CW07, Cha07b, CN05, CP06b, CP06c, CFJ09, DK06, Den04, DTC04, DC08, DK07, G08, GR04, Hau08a, Hau08b, HK08c, HR07, JHZ+09, KT05, Lab09, LKG07, LZL03, LM08b, MPD08, MGS09, MJ06, NPH09, Ngu07, NPC09a, RH05, Sam09, SDM04, SLG+03, Tho04, TT05a, TT05b, UL06, VCT07, WT07b, XLS09a, YJ06, YK08, YH07b, AGT02]. linear-scaling [SLG+03]. linearity [KSW03]. linearity-and-bound-preserving [KSW03]. Linearization [GV02, Hau01, Kuz09]. Linearized [Hu01, MT03, MDR07, SM06a, BKST09, Hu05, Nat06, PGN08, Rah04, SB09]. linearly [BAR08, CJR04, Jao07, Tok06a]. linearly-perturbed [CJR04, Jao07]. Lines [DK02a, KKG01, AINR03, Car09, JH08, Spe05]. Lineshape [KH01]. Link [NTO+07]. linked [KM08a]. Linux [CD04]. Liouville [JW06, JY08]. lipid [FK06, MK08a]. Liquid [DS00, EK02, JLCD01, LS02b, CPR05, Cha09, Cha03, CB09, DDK06, GS09, GKV09, HP04a, HLO7e, IM05, LM04, LS08, LL06a, LR07, LLZ07, LL07, LL08a, RGS04, VGL+07]. liquid-liquid [CB09]. Liquid-Vapor [JLCD01]. Liquids [KS02b, HSL08]. list [DTS05a, DTS05b]. lithography
[BBK06]. Load [DPR00, JJGL06, JJGL07, MG05a]. Loading
[CVB00, GVT01, KFV07, Li08b]. LOBPCG [HL06a]. Local
[Alb00, BC02a, BS09b, DI02, GTD01, JL02, LSY04, MTH08, Min04, MHS01,
MV08, OV00, OMG02, QS02, RC09b, SC08a, VDM+02, VC00, XXS07,
XS05b, YZW05, AMR06, BC05, BBD04, BF08, BG05b, CBH03, CFR08,
CLS09b, DSM09b, DGRS08, HMOG08, HZ08, HAD06, ISNY05, JW06, KB04,
KK04, Lap04, LSA06, LSJA05, LY06, LGM08, Ma05, MCGV04, MPFC08,
Pav07, PVR07, SLG+03, SPLM09, SRX07, SR09b, Tsu06, UBRT07,
UPKN09, YE07, ZHSS09, dTDI+07]. local-orbital [HL06a].
Local [Alb00, BC02a, BS09b, DI02, GTD01, JL02, LSY04, MTH08, Min04, MHS01,
MV08, OV00, OMG02, QS02, RC09b, SC08a, VDM+02, VC00, XXS07,
XS05b, YZW05, AMR06, BC05, BBD04, BF08, BG05b, CBH03, CFR08,
CLS09b, DSM09b, DGRS08, HMOG08, HZ08, HAD06, ISNY05, JW06, KB04,
KK04, Lap04, LSA06, LSJA05, LY06, LGM08, Ma05, MCGV04, MPFC08,
Pav07, PVR07, SLG+03, SPLM09, SRX07, SR09b, Tsu06, UBRT07,
UPKN09, YE07, ZHSS09, dTDI+07]. local-orbital [HL06a].
Localized [KL08, DDH05, DLD08, YA05]. locally-conformal [OK07b].
Locally-corrected [Str07a]. Locally-refered [FHW07]. Locating
[TK02, SS09b]. Location [HSZ04]. locking [LSJA05, MP07a]. locking-free [LSJA05].
Locking [KL08, DDH05, DLD08, YA05]. Long-Range [FPC+00, FT09]. long-term [SK04a].
Long-time [ZSW03, LLL07]. long-wave [CWL08]. Loop [SS01b, GPL05]. loosely
[GGCC09]. loosely-coupled-type [GGCC09]. Lorenz [Tot02]. Lorenz
[FVE04]. losses [HR08]. lossless [LKD04, Rem06]. lossy [LZC04].
Low [BKR+01, BISS01, FS01, KFV07, Li08b, ROS00, RV00, SC01, WPM02a,
An04z, AG09, BCDW06, BDHN09, BDR+04, BBM07, BO09, BB04b,
BEG03, BB08b, CLB08, Cha09, DH04, Del07, DDBP08, DKS+03, DST07b,
EG08, HH07c, HK04c, Kok09, LG03a, Lee07b, sLwG08, LM08c, LQ06,
MEKS03, MDR07, NMM+07, NMH+07, OTCM08, OVG07, PDHP07,
RVD09, RB09b, SDGX07, SM06a, SMS04, Soc03, SFMP06, TSG+06,
TMD+08, VGCN05, XH03, XLP05, YS07a]. low-cost [LQ06]. low-diffusion
[MEKS03]. Low-Dimensional [RV00, VGCN05]. low-dispersion [Kok09].
Low-Energy [SC01]. Low-Energy-Density [BKR+01]. low-frequency
[BCDW06, DH04]. Low-Mach [Nic00, LG03a, RVD09, XH03].
Low-Order [BISS01, AG09]. Low-Speed [FS01, SMS04]. low-variance
[HH07c]. lower [MM09]. Lowest [Mit00, Lab09]. lowest-order [Lab09].
LU [LZL03]. lubrication [DM03]. Luo [TK04]. LWS [DF00a].
Magic [MT01]. Magnetic [Del01, GG00, SHWW00, AvdB04, Bal09, BCDW06, BCM+07, DDSV09, EPW08, HR08, IM05, IDD04, JOS06, KM08b, KB04, LKD04, LCG07, MSP+06, NMM+07, NHM+07, PH09, SGX07, SHS08, SS04]. Magnetically [OL01]. magnetised [GYKL05, GLT07, GL09b, SG06]. magnetization [dSMF09]. magnetized [GGOB04, Mot08, PFCW06, UPKN09, VVM05, VTC+07, XCRX08]. magneto [Li05, Li08a, VOD08]. magneto-hydrodynamic [Li05a]. magneto-hydrodynamics [Li05]. magneto-static [VOD08]. magnetogasdynamics [Gom08]. magnetohydro [LW04]. magnetohydro-dynamics [LW04]. Magnetohydrodynamic [DCV+01, BT07a, FJ09, GLN06, JBF07, LTM05, Liv07, MV06, OPLM07, ODCK07, Ser09, SK07b, dCNHS07]. Magnetohydrodynamics [Bal01, Del02, GTO+02, Jan00, TX00, TÖt00, AS104b, Bal09, BRDM09, GLLN09, HT07, LFSS07, LD09a, LD04, MK05, N09, PFC08, QW05, RSW06, SGG+04, Tor03, TMG08, Waa09, ZK06, Zie04, vDZ06]. magnetorheological [KM08b]. Magnetotelluric [HS07a]. Maintaining [PHKF06]. maintenance [GS09d]. Management [OK04, TS07, WGR07]. manifold [GKE04, HE07]. manifold-mapping [HE07]. manifolds [Bal01, Del02, GTO+02, Jan00, TX00, TÖt00, AS104b, Bal09, BRDM09, GLLN09, HT07, LFSS07, LD09a, LD04, MK05, N09, PFC08, QW05, RSW06, SGG+04, Tor03, TMG08, Waa09, ZK06, Zie04, vDZ06]. Many [ZD00, CLMRP08, FHLK05, LM08a]. many-particle [FHLK05]. map [Gui03, HW05, Hel09a, dFJS09]. Mapped [HAP05, BRB03]. mapping [HE07, LX06, MS08a]. Maps [LTZ01, TB00a, BBK07, YLA08]. Marangoni [LS02b, TC02]. Marching [Set01, LG03b, LG04, YBS06]. marker [AMS04, CB09, RB05]. markers [AMS03]. Markov [CVE06, GL09a, MDJS07]. MAS [KHV01]. masks [BBK06]. Mass [Li09, OF02, BYS08, BT05, DBS06, HLMM07, KH09, KJ09b, LLGL07, RC09a, YZF07, ZH04]. mass-conserving [DS06]. Massive [DPR01]. Massively [KP00, SLG+03, CB09, HVAC09, KRT+09]. MAST [AT09]. master [HL07a, IM07, MK07]. Matched [Hu01, Hu05, VAY02, YZW07, BJ03, BHNPR07, CLL+07b, DH07, Doh09, GKD09, GGOB04, HLL08, Nat06, OK07b, Rah04, RJ04, ST04, SP03b, YW07, Zhe07, ZW06, ZZF06, dHRvdB07]. matching [Bor07, JJGL06, JJGL07, LVL05, NDT06, SB06c, ZW04]. Material [Bar02a, DGD02, ZZVMO8, AS03b, AS07, APT09, BSKH07, BFT07, BG09, CD03, DS08, GA09, Khe04, LKY03, LBL04, MU09, Ols07, PP04, SGFL09, SC09a, WG08, XD07, ZC09, ZW04, ZD08]. material-order-independent [SGFL09]. Materials [CL00b, CB02, EH02, GM01b, HLS01, OV00, RV00, BZ04, CDS04, CP04b, CP05, EPW08, GFS08, GL06, GM004, YU05a, Zad08, ZB07]. Mathematical [Ano04z, BTFY01, CHM08, GS02, HM08, HSW07, RBT03, LD06, SMP09]. matrices [BPS03, BT07a, DBB06, WR09]. Matrix
Maximum [GG09b, Rom02, Abr06, Abr07, Abr09, KSS09, Sti05]. Maxwell [ACS08, ACLS03, BL04, BL09a, BLG08, BHvdV06, BS06b, Bra08, CD03, CW03, CXZ09, CJ07, CLS04, CFP06, CFJ06, DR06, DD05, DDH01, DLP08, DF00b, DDFT09, Eli03, Eli07, FH03, GD07b, HH07a, Hag07, HK04a, HR08, HL08, HW02, HJM05, HGB03, HMM07, LZC04, MCT02, MPFC08, MOS+00, Nys02, ON08, PAD07, Rem06, RL08, RR05, RB02, SZB07, SW03, SL07b, SA09, SP05b, Tsy04, VPM04, WZ02, Wel07, XZ02, XD07, YP01, ZW04, ZT07b, de00]. Maxwellian [CVB00, GW06]. MCC [CN08]. ME [FWK08]. mean [CB07, DSM09b, Hu05]. Means [BM01a, BHR03, BHR06, Heu03, MG05a]. Measure [RS02]. Measurement [TG04, CP06a, MSB07a]. measurements [CSC08, DG09, HKS09].

Measures [OB06]. mechanical [DDD05, DP08, NTO07]. mechanical/molecular [NTO07]. Mechanics [Bar02a, BS01, BS00d, OP02, Bod06, BG05b, DF07, FDD07, GPL05, HLRZ06, Kou07, LNXNTX09, MK08a, Mil04]. mechanism [PK03]. Mechanisms [KLN01, RR01, LTW07]. Media [CS01c, CS00, CGSS00, LMSV00, LNN00, WLE00, ZF02, AT09, AZ06, BQ09, Bar04, BFT09, BS06a, BH04, CD03, CJSS08, CP04, CDE06, FWP09, GZ07a, GZ09, HJ09, IQT08, JLT06, KSH06, KT06, KT07, LTZ03, LMS08, LH05b, LJ06, MZ08, Mar06, MJ07, MN06, MHI08, MP05, MGS09, NL08, PC06a, Rem06, TJK07, XD07, YE05, YE07, YH07b, ZL04]. mediated [MSP+06]. Medium [CY00, BL09a, BW07, FG04, FG05, GSO9a, Hoh06, KK03a, QLS09, RM07]. MEL [Wan05]. melt [ZGT06]. melting [Men04]. melts [HLF07]. membrane [CKPW07, LWP09, LS08, MK08a, MSP06, TLL08]. membrane-mediated [MSP+06]. membranes [DLV04, DLW06, FK06]. memoir [Bra04]. memory [HJFW04, LH05b, TS07]. MEMS [AA09, MK04b]. MEP [Rom07, TPR05]. merging [Hew03, QLS09].

meridional [TVMR03]. MESFET [GS06a, Rom02]. Mesh [Alb00, Bal01, BV05, BMR01, BMRS02, CH01, CBL01, DGH02, Dys01, FR02, Hua01a, Hua01b, ID04, LTZ01, LTZ02, K09, MR00, MR02, MP07a, MGH00, Max02, OG02, Per00, ZSP02, Zha02, AZB09, AFGM07, AEP04, BFC04a, BFC04b, BS03a, BL05, BCR05, CR07, CGDT09, CJ04, CBH03, CBI04, CHCOB09, CJ06, DW09, Dw08, FL06, FYH06, FM06, HT07, HZ07a, HS06, HSO8a, HG03, HS03b, Hua05, HMR08, Hum05, ISNY05, JS05, KK09, KAA07, KPP07, KE09, LC06a, LK07, LMX08, LD09a, LB03a, LP04a, LL04b, LL04b, LK05, M09a, MC07b, MS07b, NA08, NMH07, N10, NNLE06, PSCB08, PDIP07, PL09b, PN03, PCP08, PL04, PC06b, QS07, QLS09, RA09, SWB06, SY09a, SHP07, SRX07, THT04, TL07, TT03, TFD06, TK04, WA03, WT07a, WT07b, WLC08, YMT04, YMW06]. mesh [YF09, YT07, ZJW06, ZJWC08, ZFM08, ZSC08, vDZ06, vZdB07]. mesh-based [SHP07]. mesh-dependent [AZB09]. mesh-free [YMT04].
Mesh-Size [Zha02]. Meshes

\[ \text{[DLS}^+00, \text{Han00, Her00, MVM02, ML01a, MG02, MP01b, MHS01, TS02, Vns00, VG02, WS01, WB01, ZYC02, AK06a, AS07, AB05b, AT05b, BES07, Ber06b, BM07, Cap08a, CKvT07, CCDL09, CBGI09, CS09, CS06, CS07d, DHT09, DMR09, DK07, DKT07, DBTM08, DZ09b, FM08, FHW07, GL08, HO08a, HLO08, Her09, JJGL06, JJGL07, JMC03, KA05, KOQ08, K05, KL08, KL04, LMS04, LSS06, LSSV07, LSV09, LNXNTX09, Mai09b, MB04, MY06b, MP05, NJX08b, FS07a, RAB07, RAD07, SPM03, SP06b, TTH09, TAL09, VGS04, XLM07, YAO5, YS07c, YS08, ZQSD08, dVGLM09].} \\

Meshfree [ZWL02, CYS06, KYLB07, ZKY05]. meshfree-Cartesian [CYS06]. meshing [BGR08, DS05a, YZF06]. Meshkov [LSD07]. Meshless [Ma05, BZ08, BSLN09, KJ09a, LSJA05, SB03, YY09, YCL05]. mesoscale [GR08].

Mesoscopic [HKV01, Hor06, BL08, FK09a, HA06, ICO04, KMSH08]. metabolism [XDB09]. metal [AIR03, AINR03, MC06b, MLFG06]. metallic [ES03a, MC06b].

Method [AKV00, Ab00, ACS00, AQ00, AP02, BR01, BC02a, BJ00, BJ02, Bar02a, BC01, BM01, BS00c, BCE09, BM01b, BE02, CFA01, CL00a, Cal02, CHR01, Car02, CWT00, CGP02, CMK01, Cho00, Coo2, CP02, CM00, Cor00, CB02, Dar00b, D02, DPR00, DFT01, DGP00, Dri02, EH02, EKK02, ERT02, EFFM02, EAY01, Fed02, FBFF00, FP02, FR02, Fc00, FK02, GM01a, Gen01, GW02, GM01, GH01, GK01, GP00b, GBGM01, Gui02, Gut00, HHCL01, HLS02a, HMM02, Han00, HSK00, HCD02, HHI00, Her00, Hig02, HK02, HF01, HB02, HCG01, HA02, HEM00, HGM01, IY0702, IF01, JC02, JLC01, JTB02, JAN00, J02, JM00, Kan02, KS02b, KB00, KK00a,,KK00b, KAIN01, KC00, KCK01, KJ01, LP00, LLH02, LL00, Lay02, LKN01, LRN07, LL10a, LL01b, L01, Lin01].

Method [LFK00, LS00, LMS02, LLQ02, MR00, MR02, Mac01, MD02, Man02, MK099, MEG02, MC00a, MC01, MC09, MSY00, MHS02, MC01, MCO2, MK00, MPC01, MPC02, My00, NFK01, Ne00, OMK09, PR01a, PKvdB00, PKP01, PS01, PL01, PB00, PK00, Pop00, PM00, PO01, Q01, QL01, RH01a, Rem00, RW00, RRL01, RR02, RH01b, RM00, SS02, SWT01, S0909, SJ02, SC00, SF00, St02, Str00, Str01a, St01, SB02, SP00, SW0800, TK00, TX00, TMB07, TR02a, TB00b, TC01b, TBE01, TRL01, UMRK01, VB00, VCTS02, VR02, VC00, VSM01, WPM02a, WPW02, WGC01, Wan02, WL02, WDM01, WW00, W00, WA02, WS01, XCO2, XK01, Xu01c, Xu01a, YXU01, YSC01, Yo01, ZHA02, ZWL02, ZYC02, ZH01, ZTZ02, ZCM01, ZP02, ZZK01, ZRO00, vdVvdV02, AE03, AV05].

Method [AH08, APR09, AS09, ADE08, AR08, Al08, AS05b, AJT04, AA06, AL06, AEP04, AZC05, AC05, AMP09, EKL01, AKL01, AZ06, AD03, ACL03, AKP07, AM03, AMS03, AMS04, AZ07, AZ09, BIW04, BIW08, BFE08, BO05, BSH07, BHS09, BHL04, BM03, BL04, BW06, BHL07, BS08a, BSY08, BC05, Bar04, BB08, BGN07, BFT07, BFT09, BDH09, BZ04, BHR03, BWLM09, BL08, BS04b, BM05, Ber06a, Ber04, BLG08, BS04c, BCM09,
BG05a, BT06, BGS08, BS04d, BS05, Bor07, BDCG03, BSLN09, Boy03, BRB03, Boy05a, Boy06, BP08, BEOG03, BBO08b, BG05b, CD03, CDJ07, CJS08, CCG07, CLO07a, CP03a, Cap08c, Cap09, CW07, CTW+08, Cce05, CR05, CR07, CFR09, CKLS05, CA06, Cha07a, Cha07b, Che03, CL03a, CP03c, Che04, CC07, CEL07, CLTA07, CL08d, CX08, CXZ09].

**method** [CCG+06, CS07b, CS07c, CHG+07, COER07, Chu09, CJR04, CS03, CY05, CFP06, CKKM06, CSML06, CC08b, CK07, CFR08, CB09, CCF+05, CFP08, CKM07, Cui09, CB07, DMHP07, DM03, Dar02, DH04, DK06, DDM07, DCF+08, DC07, DUEB07, DR09a, DMP08, DFV08, DTM06, DW09, DLT09, DDH05, DLD08, DGMN03, DS09a, DG09, DLP08, DF04, Dom08, DJG03, DLMK04, DHM07, DND06, DSB06, DD03a, DD03b, DCK08, EE08, ECL02, Eld07, EB06, EULM03, Fan08, FCJ08a, FCJ08b, FNS07, FP08a, FR09, FS09, FS04, FEL+05, FM04, FM05, Fen06, FYH+06, FL09, FE04, FD07, FL07, FW07, FHLK05, FWW04, FLZ09, FD09a, FK08, FL08, Fox08, FG07, FH03, FY07, FT09, FKK08, GZ07a, GT09b, GM03, GFG09, GS03a, GS05b, GS08, GG09, GBC06, GS07, Gel06].

**method** [GMD07, GFR09, GCNB07, GS05c, GG09a, GP03, GW05, GMA09, GWF+07, Gom08, GGRS08, Gre04, GH02, GP05, GHMP07, Gri09, GKV09, GB08b, GLNN07, GLNN09, GS09c, GD06b, GL08, HPS06a, Hab04, HH07a, Had05, HS09a, HBH07, H09, HLFB07, HT07, HL04, HZGB04, HZGB05, HP04a, HSQ03, HWL08, HM07, HP09, HJ08, HMK08, H07a, HW05, H08, Her09, Her05, Her08, HAD06, HK05, HK08b, HK08c, Hig05, HP04b, HL05, HS08b, HS08c, HY09, HY11, HK04b, HKA06, HA06, HA07, HSL08, HT03, HLX06, HS07, HSC09, HST09, HS07b, HF08b, IX07, IX09, IK07, IKS+09, ISNY05, IOTK04, IDD04, J09, JRS05, JR04a, Jao07, JBF07, JVS07, JLT03, JD04, JL09, J08, JX06, JC06a, JX07, JHZ+09, JLL+06, JM05, JS07, KK08, KA05, KE06].

**method** [KK03a, KHt+08, KW08a, KIH09, KHM09, KY08, K04, Khe04, KG05, K06, KH07, K07, KDF07, KL04, KvdVvdV06b, KF05, KAS06, KMS04, Kok09, KS09, KT03, K01, KSW03, KLS09, KB08, KSS09, KSGF09, KLP+09, LK04, LTH08, LL09, LG03a, LG09, LY07a, LL03a, LL07, LSL08, LH05a, LFSS07, Lap03, LP07a, LGHD08, LS03, LSA06, LKP06, LWP+09, Lee03, LV05, Lee07b, LMX+08, LZT09, LKE04, LTE07, LM08b, LZ09b, LZ09a, LCH03, LCW04, LHZW05, LS07, LS07a, LSZ08, LN09, LLOT06, LS08, LJ09, LR07, LTO9a, LF05, LMS08, LSV09, LKY03, LKW05, LKO5, LKUM05, LY06, LVW06a, LVW06b, LLTA07, LV07, LV07, LP07b, LX07b, LW09, LMK09, LNXNTX09, LS09, Liu09c, LM03b, LD04, LHF04, LHGF05, LJ07, LS05b, LRS09, LCM07, LJ06, LB06a, LB06b, LB07, LFW07, LBL08, LMZ+08, LL+08, LT+09, LMK09, LZH+06, LZH+07].

**method** [Ma05, MY06a, MZ08, Mac07, Mac03, MWM03, MCM04, MN09a, MKM04, MKW04, MRC06, MR06a, MGR07, MKLU05, MRS09, MVW08, MC06a, MCC08, MB04, MS04, MY07, MS07, MS07, MP08, MKL06, MP03, MK08b, MZ07, MES09, MI08, Min04, MG06, MG07d, Min07, MR07c, MDB+08,
MDM03, MT07b, MR06b, MMPB07, MHdB07, MK06, MT08, NLF03,
NTO+07, NPH09, Nas08, NAO8, NBLQ09, ND04, Ngu08, NPC09a, NPC09b,
NJX09, Nik06, NCS03, NG06b, NGvdWS09, NLT08, OK06a, OSK09,
ODAF07, ORM06, OK05, OKZ07, OJW06, OFCFF08, PDH07, Pap08, PS03a,
PPCW06, PSCQ03, PSC+06, PN03, PS07a, PLS+09, PFS07, PK05, Pon09,
Pon05, QW05, QA09, QL04, QS04, QKS06, QS07, QLS09, RB05, RMB07,
Rah04, RA07, RSM05, RE07, RE05, RBS06, RSW06, RMS09, RRW05.

method [RJM07, Ros06, Ros03, RBK09, RW03, RM08, RC09b, Ryc05, RJ04, Sac07,
SB06a, Sam09, SROCFF03, SROCdPF005, Sar03, SFDL07, SZB+07, SAK05,
SWG08, SHS08, SBC06, SB06b, SSB07, SWK06, SF03, SM04, SCT09,
Sha05, SFE07, SH07b, SL04, SDD07, SNG+03, SOD04, S09a, S08, SP05,
SL07b, SL07a, SAKD05, SLC07, SMy06, SSND03, SS07b, SK04a, SHT09,
SCW+09, SM06b, SXL09, SD08, SCR08, SWL06, SZL09, SXyWX09, SR09b, Sus03, SSH+07, TM07, TZ03, TRL05, TC07a, TOZ03,
TLK07, TRL07b, TLL+08, TLK09, TRL03, TJS03, THL06, Tau07, TBT+09,
TT09, TPR07, TBJ+09, TMD+08, TKB09, TOY09, TW07, TC07b, TG06,
TG08, TW03, TU04, TF03, UTB03, U05b, UPK09, Ut08, UYK+04,
VTC+07, VGCN05, VW02, VOD08, VL07, VWL07, VB07, VGPL09.

method [VVS08, VB08a, VB08b, VK05a, VGF09, VGB09, VSW04,
VSW06, VK03, VK05b, VHI05, Vol04b, VCM00, W07, WFT05, WQ08,
WK05, WK04, WZL04, WW04, WL06, WT07b, WKL07, WWG07, WTL08,
WGS+08, WST09, WFC09, WYS09, WZ09, WGRA09, WZ07, WKG06,
Wen06, WWK05, WA08, WKL07, WKB07, WZ03, WMH07, WS09, XMP07,
XH03, XSG04, WX06, XLL06, X08, XHC08, XSL09, XS09b, XD07,
YMT+04, Y05b, YZ07, YMO7, YYF09, YU05a, YJL+06, YFLS06, YP06,
YS09, YZL09, YLD09, Yeh07, YC06a, YC06b, YH07a, YSO07, You06, YA05,
YCL05, YJF+06, YSS05, YGL05, Y05b, YZ05, YZ06, YS07b, YZW07,
YW07, YF09, YSO6, YTO7, YFB07, YH07b, ZG06, ZGK09, ZWS07, ZKY05,
ZP05, ZEA06, ZYL+06, ZRT07, ZC07, ZCB07, Z08, ZVM08, Z08a,
ZKL+07, ZFM08, ZZ09, ZRD06, ZP06, ZSB+08, ZSP08, ZHSS09, Zh07].

method [ZW06, ZZFW06, ZL08b, ZTP05, ZQS08, dVGL09, dSMN+04,
dTD+07, vBK03, vD06, vLAvdV06, vdBG09, vdVX07]. method-based
[DL08]. methodology [BdCB09, FK09b, GZ08, GS09b, KDOO05, YC09a].

Methods [AL01, AGP01, Azm02, BKR+01, BM01c,
Boy02b, BS00e, BCM01, BSB01, CL01c, Cod01, CKS00, CM02, DCS00,
DDH01, ELC02, ED07, FVOM00, FF02, FPC+00, GP00a, Gir00, GHW02,
HH02a, HMS08b, HW02, HKV01, H01a, Jan00, KL01, K02, KMA+01,
KR01a, KKR01b, K00, KMS02, KH01, KMJ01, L01, L02, LTS01,
LLDP+00, hLA01, LMS02, Mac00, Mav02, Mit00, MLI01, N01, N01,
O01, OF01, OS01, PD01, PRT00, PX02, PW00a, PW00b, PW01, PW+02,
Rei00, RX02, RM01b, S00a, San01, SW00, Set01, SMP01, TNG02,
TWS02, WK01a, YC02, APT+04, ABL05, AS03b, A04, ABR09a,
ABRR09b, AT05a, BB04a, BS03, BCL06, BY07, BBHM09, BZ08, BS08b,
BHR06, BB07a, BC08, BS07, BT05, Bor03, BKLL04, BS06b, BLM03.

**methods**

[BDG05, BHR04, CT09, CLS+06, CL08a, CSC+08, CGMS03, CGMS06, CQ04, COV04, COQ06, CM06, CLS05, CL08c, Ch07, CLL+07b, C107, CR09, CLS04, CWD08, CFJ06, CC04, CD07, CP04c, CF04, CF09, DSM09b, De 04, DGH08, DL04, DD09, DLP08, DL03b, ERVE09, EGH06, EHG08, Ett05, ES06, EN06, ÉGF09, FSS03, FWP09, FD03, FR03, FPT05, Fou06, Fox09, Gab07, GT09a, GCGE03, GLMH09, GK03, GS06, Gir06, GR08, GR04, GKL03, GD08, GLXL08, GF05b, HD07, HMS08a, HK07, pH09, He09b, Heu03, HHMK05, HNGB04, HL06b, HyLL07, HJL09, HL07b, HS04, RJ06, HJJ07, HMR08, HRV08, HRS07, IF09, JHSZ07, JSCZ08, JW09, KCH06, KCGH07, KOQ08, KTD03, KKL04, KPB08, KYK07, KvVvdV06a, KWBH09, KK04, KAS08, KS08b, KKO04, Kri07, Kro05, Kro02, KWD07, KHD08, KL06, KMS09, KMS09b, KWD07, KL06, LW07, L750a, LM04, LSY04, LM03a, LBS+04, LMS04, LRZ04, LH08a, LS05b, Low05, Low04, LZC04, LB03b, LMNK07, LTM09, Lc08c, L09a, ML06a, MS08a, MEKS03, MN07, MN06, MP05, ML08, MP07b, MJ06, MST06, MJ07, MSP+06, MG07c, MY06c, MCP03, MHR08, MLS+05, MK03, MO06, NW07, NM06, NU09, Ni09, NWZL08, NL07, NB04, NZ07, OS04, ODCK07, PR04a, PS07b, PS07d, QL07, RRT07, RRO05, Ren07, RBvdV08, RG07, RSO04, RS05, RS09a, RH05, San03, SP09, ST06, SK08a, SM04, SB06c, SN07, SS05a, SFVK06, SAM05, SY03, Sme06, Str07a, SP06b, ST03b, TZHT04, TZ06, TWM07, TCM09, TD07, Tok06b, TT09a, Tow07, Tow09b, Tsy04, TP06a, VDVG06, VSG05, VK04, V06, WT07a, WHLL03, WW07].

**methods**

[WL08, WLC+08, WM09, WZL09a, WZL09b, WG09, WG06, We07, W09, WH05, X05, XS06, X09, XS05b, XLS09a, Y08, Yan09, YYT05, YKG04, YE05, Yus06, KZK07, ZW07, ZH04, ZKS+09, ZW04, ZQ09, Z02, Z02, B05, B05, B05, Y09, Jar04, LGK07, LW01, LL08b, Mig07, NMM+07, NMHz+07, ORM06, RW07, San09, SDG07, TB04, TA06, ZYL+06, vdH07].

**Metric**

[Hua05, Aza06, HZ07a]. **metrics** [OB06]. **Metropolis** [QL01].

**MFEM**

[WLE+00].

**MHD**

[HY11].

**Micro**

[GS02, BB04, BEA09, CRAG07, CHBS04, FT06, LCR07, LR03, NFvS+06, RB05, RE05, SFX03, SS05c, TS08, ZX08]. **micro**- [LCR07].

**micro-channel** [SS05c] **micro-channel-flows** [TS08]. **micro-channels** [SFX03]. **micro-fluidics** [RE05]. **Micro-Inertia** [GS02]. **micro-local** [BB04]. **micro-macro** [BEA09, FT06]. **micro-mixing** [CRAG07]. **micro-plate** [CHBS04]. **micro/nano** [NFvS+06]. **micro/nano-channels** [NFvS+06]. **microactuators** [LTM09]. **microbial** [PC08]. **microchannel** [VLB09, ZTPM05]. **microchannels** [WW07]. **Microelectronic**
Microfluidic [AA02]. microfluidics [GV08]. microlocal [BCR04, Dar02]. micromagnetic [VOD08, dSMF09]. Micromagnetics [WGCE01, GCGE03, MO06]. Micromixing [MJ09b]. microphysics [BDR+04]. Microscale [Myo01, SB02, ZZ01, KPB08, Myo04, YE07]. microscope [TLAD04]. microscopic [AKP07]. Microstructural [ATV01, LLN00, CP04b, CP05]. Microstructure [EKK02, RV00, BEA09]. microstructures [WP09]. mid [CP03a, dSM05]. mid-point [CP03a, dSM05]. Mie [Shy01]. migration [CP04b, FEL+05, HS07a]. Mikhlın [HW05]. MILC [BLS08]. Million [CWW00]. MIMD [DPRS01]. Minimizing [BT03]. minimum [CFR04]. mirror [DDK06]. Miscible [IYI+02, TM05]. Mises [GMO04]. Mittra [NCW+09]. Mixed [AP02, BFG08, CGSS00, VCTS02, dA04, AMS03, BWLM09, BG05b, CHPR09, DDK06, Doh09, GL09b, HPS06a, HBLD07, Hel09b, LW09, MP05, MCSV09, NV09, ND04, RRW05, VB08a, VB08b, WG09]. Mixed-Basis [AP02]. mixed/discontinuous [MCSV09]. mixing [CRAG07]. Mixture [IYI+02, Shy01, VLMK02, BW07, CET09, Shy04, TL07, ZKS+09]. Mixtures [OB02, VG01, dSAK00, AS03a, AL08, SPB09]. MLFMA [DBF08]. mobile [RF06, RMF08]. mobile-bed [RF06]. Modal [LD06, MHD07]. modal-based [MHD07]. mode [CTS07, DH07, HW05, LY07b, Oh04, PGN08, SRNV07]. mode-separated [Oh04]. Model [ACK02, BISS01, Bon00, BMS00, Cle00, CR02, DDI02, DE02, DOWB01, EF02, FCB02, FG01, GP06, GMS06, GC02b, GSW00, Hn01, JC02, hLA01, Mil06, Mil07, ML01b, MOS0+00, MR01, OF02, PS07c, PCCD00, Rom02, Sn01, Sun0, To02a, To02b, TTSG01, VCG03, vHBB02, AZB09, APP0+07, AK09, AW04, BS04a, BBDE05, BG07, BN04, BCCV09, BL08, BBVdV06, BCZ04, BNP06, BTWGBW07, BHP04, CLS0+06, CD04, CL07a, CL08b, CL03a, Che04, CL05, CL08d, CX08, CW08, CK08, CFGK05, CDV07, CCL04, CDL05, DDK06, DSM09b, DJM05, DG07, DDH05, DSS07, DSG09, DDFT09, EPW08, EKBL09, EF03, FVE04, FGS09, FNB0+08, FCGK05, GMN0+09, GS03b, GB03, GC06, Gra06a, GD07a, GD05, HBLD07, HW08, HHP08, ICO04, IHL03, JA08, JNS07, KDD09]. model [KFIG06, KB04, Koun09, Kwo08, Lar03, LHR0+07, LD04, LWDA09, LB03a, LGN05, LW0+08, LD09b, LF04, LC03, MMM03, MM09, MG07, MG05b, Myo04, PM08, PSC04, PS05, PHW08, PVPS09, PS03b, QA09, QFR04, RRW06, Rom07, RFVP09, Sar03, SM0+08, SWK06, SW04a, SE04, SY09a, SL03, SK08b, SS05c, So09, SW08c, SK07b, SXWy09, SS04, TLK07, TLAD04, TM05, TK04, VTC0+07, VP09a, VK09, VP09b, VQLZ04, Wvn09, WDO0+03, XCY06, XDB09, XSO7, XMT06, XHC08, YH07b, ZSWW03, ZK04, ZWS06, ZVQ07, ZXQX08, ZZ08, ZL09, ZD09, ZSC06, KN09]. Model-based [Mil06, Mil07, GMNN+09]. model-constrained [BTWGBW07]. Modeled [GW01, HR08]. Modeling [Ano08-50, BV00,
BTFY01, CFM09, CS05, CDDH07, CMP07, DDG02, DC02, FSM+01, GZ07a, GS02, GM01a, GIA+07, GVT01, Hum05, JL09, KM08b, MT07a, MK02b, OV00, OP02, OVG07, Ota00, POS00, QLS09, SJ02, SD00, SMO00, TZ07b, VPA02, Whi00, XK03, YLA08, ZVHP03, AHF04, AMH04, ASQR06, AJ09, BOK+06, Cha09, FK06, FWR07, GZ09, GR08, GH08b, HSW07, HDR+06, KDOO05, KT06, LMV04, LVL05, LSS+09, Liu09a, Lyn08, MZ08, Mar09, ME09, MC03, MDM03, NCW09, OK06b, RE05, RM07, RW03, SR09a, ZV08, Sau04, SKWN03, SM09b, SCC03a, SCC03b, SMGJ09, SP06a, SBC04, TZ07c, TJLT08, VSV03, VLB09, YE07, ZKL+07, ZH09].

Modelled [CGSS00]. Modelling [CDS04, CP05, Cho05, DFS08, GYKL05, Hor02, JG09, KM02, LMS05, Pri08, VH06, WHV+00, ZGT06, de 00, BQQ09, CRAG07, CP04b, CBS05, Eli03, ES06, FHL008, GLT07, KMSH08, KAS06, LKD04, Lap08, LKL+09, MK02, MT07b, QP03, RCB05, SS06a, SS06b, SJ07, W05, WGRA09]. Models [BSJ01, Bla00, ČPT01, GR01, HK00, Hig02, HKV01, KK00c, MEG02, Mie00, RV00, SSC00, ACGV07, AG09, BCB03, BKST09, BTC05, BC08, BBH09, BK07, CSC+08, CRAG07, CKPW07, CRB+08, CDV05, DVM05, DMR09, DP07, DP08, Die08, FCD+06, GT09a, GZ07a, GZ08, GD06a, GM06, Hag07, HK08c, Hig05, KMD05, Kim05, LM08a, LD06, LCB09, LB03b, MM03, MJ09b, ML06b, PA07b, Ral04, RW08, SDCC05, SSE03, She08, SK04a, SS03b, SK06, TSG+06, TW05, Thu08b, TR07, WAH09, WDN06, YHCD05, ZRS06, dFGLS05, dFJS09, nWNvSD07, dTWD09]. Moderate [VCP00, Vik03]. Modes [GBS00, RVVL09, PPCW06, TW05, TRSK09, TR07, WC08, dSMF09]. Modest [MCP03]. Modification [SWTM01, Vik03]. Modifications [RM01a]. Modified [BZ08, BADG00, CJ09, FH02, GST02, J0n05, LSL08, TTS01, TSG02, WG06, BZ04, BLO9c, CHL06b, Eg07, MU09, MC07c, Pa08, WRu03, ZB07]. Modified-truncation [Jon05]. Modular [Str00, SS07]. Molecular [AC01, DPR00, DGA08, Yon01, AR08, ALT08, BPMR08, DTS05a, DTS05b, DTS07a, GT09c, HS04, JG09, KNH05, LKP05, Li08b, MC07a, ML04, PGB05, Pau07, PSZ09, Pro03, SE09, SH07, TG04, VS09, YWC07]. molecule [LR07, NTO+07, SMS07, TLAD04]. molecules [HO06, LD06]. Moment [DK02b, MHS02, Abr06, Abr07, Abr09, AS09, CX08, DFV08, DS08, Fox08, Fox09, FDK06, GE07, IX07, IX09, LTZ03, RCT07, RW08, TS08, TFDK04, TRL01, VVS08]. moment-constrained [Abr06, Abr07, Abr09]. moment-of-fluid [AS09]. Moments [BW02, DC08, FLM08, LKD04, SH07a, Xia04, XAI06]. momentum [ABRR09a, ABR09b, KH09, SAM05, SH07]. Monge [DCF+08]. Monitor [CHR01, HS03b]. Monitoring [ESD05]. monolithic [DHOT09, GA09]. monomolecular [RE07]. Monopolos [Del01]. Monotone [Cap09, LSSV07, YS08, AM03, AM04, CL08d, DPR05, LSV09]. monotonic [KK05c, KK05d, Yeh07]. Monotonicity [BS00a, RM01a, TS02, BD08, DT04, HR07, MD06, NE05, RGK07, RH05, SH07c]. monotonicity- [RGK07].
Monotonicity-Preserving [RM01a, TS02, DT04]. Monte
[ABRR09b, LM01, LM03a, MCP03, ABRR09a, AMH04, BBHM09, BS07, BMD05, BSP06, BUEG06, BB09b, CLL07a, CGMS03, CGMS06, CTW08, CV06, CF06b, CS03, CS04, Dem04, DL03a, DL04, DUE07, DDDC07, EULM03, ED07, FG04, FG05, FT09, Gen01, GL09a, GM06, HH07c, HGM01, IH04, KB00, KVM03, KAS08, KL09, LSL08, LM08b, LD09b, MMKP08, MU09, MBS03, NU09, OK07b, Pa08, Pe07, PK00, PRR07, PVPS09, QL01, RR01, RS06b, SSE03, Sch08, SL04, She08, SA06, SMSS07, UH01, VK04, VK05b, Vo04a, WBM09, WGS08, WMH07, ZSB08]. Moore
[FS06, VPA02]. morphological [GFG09]. morphology [Liu09a]. Morse
[WWVG00]. MOSFETs [BMN07, BCCV09, JSCZ08]. MoT [Noe00].
Motion [BCMO01, CBMO02, Cor00, LK01, PG02a, RMO00, RM01b, vDV02, BB04a, CJL09, DHM03, Eld07, EES09, FPT05, FG06, K001, LM07, MR07b, RA09, SP04, Xu08]. motions [Fra04, LDN04, PC06a]. movement [SC09a]. Moving
[BM01, BMRS02, BW01, FGG01, GPH01, Han00, HS06, Hua01a, LTZ01, LTZ02, MJ09a, MR00, MR02, RRL01, S01a, T1704, TC01b, UMRK01, Wu01, ZRR00, AT05b, Aza07, Aza08, BS06b, BL09b, BCG05, CS09, CY06, CHCOB09, DDM07, DT03, FS04, FYH06, FG07, GL03, GS05c, GNN08, Gre04, HT07, HM08, HF08b, IG05, JD04, Jia07, JX07, JS05, KY08, KC06, K09, LL03a, LC06a, LZ09b, LHZ05, LL06, LZH06, MWM03, Mad06, MKL05, ML05, NXS07, OTC08, PN03, PH06, PL08, QS07, QLS09, RW03, SS08, SY09a, Spe05, TZL05, TLL08, VB09, WT07a, XW06, YB06, ZHL09, ZKS09, vDZ06].
moving-boundary [LHZ05]. moving-least-squares [GNN08, VB09].
MPDATA [SS05b]. MPI [OMK09]. MRA [BLG08]. MRT [PA07b].
MSPH [BZ04, BZ08, ZB07]. Multi
[AS07, COR08, CD07, HL06b, HyLL07, JLT03, LNK04, LL07, LJ09b, M09a, NTY01, NTY02, PPC00, Re00, SBGK00, SK07b, TOY09,TRL01, YKK08, AE03, AK09, ADR08, BS07, B09, BOT05, BLM03, BK07, CLG07, CLG09, CET09, CR05, CKLS05, CL05, CHB09, CW08, CX08, DR09a, DW09, Di08, DS08, EHT03, EHS08, FWK08, FL08, GAC09, HJ09, HG03, HA06, HA07, HA09, HAI09, IX09, JVS07, JLT06, JL09, JLT05a, JW09, KSO05, KK05c, KK05d, KL08, Kou09, LM04, LM04, LR07, LL03c, LW07, LBL04, MVD04, Mar06, Maz06, MG08, MK05, MDS03, MLS05, MK04b, MGN09, NGvdWS09, Ols07, OK06b, OK07a, PSC06, PA07b, RSM05, RS06a, SGF09, SD05a, TZ07a, TW03, TLT08, UBT07, VP09a, VH06, WK05, WB09b, Xia04, XAI06, XWW07, ZWS07, ZSW03, ZWS06]. multi [ZSC08, dSM04]. Multi-Block
[PPC00, CHB09, NGvdWS09, PSC06]. multi-class [ZSW03, ZWS06].
multi-component
[CKLS05, CLS05, JVS07, Maz06, MLS05, MGN09, TZ07a].
Multi-dimensional
[LJ09b, NTY01, NTY02, SBGK00, TOY09, XAI06, YKK08, BL03, JW09, KK05c, KK05d, KL08, LL03c, MG08, Ols07, RS06a, XW07, ZWS07].
Multi-domain [CD07, MVD04]. multi-element [FWK08, WK05].
multi-frequency [FLM08, GAC+09, HG03, HA109, LMV04, ZSC08, dSMN+04].
multi-grid [BLM03, LM04]. multi-implicit [BLM03, LM04].
multi-integrated [Xia04, XAI06]. multi-level [EHST03, EHS+08].
Multi-material [AS07, BSKH07, DS08, LBL04, SGFL09]. multi-mesh [DW09].
Multi-moment [TRL01, CX08, IX09]. multi-parameter-dependent [DR09a].
multi-phase [CET09, CR05, HA06, HA07, HA09, JLT06, KSO+05, Mar06, MDS03, TJJLT08].
multi-physical [MK04b]. Multi-physics [LL07]. multi-quadric [TW03].
multi-relaxation [PA07b, RSM05]. Multi-resolution [LNGK04, BOT05, CLG07, Kon09].
Multi-scale [JLT03, MN09a, SK07b, AE03, B309, JLT06, JLO9, OK06b, OK07a, UBR07, VP09a].
multi-scattered [Dic08]. multi-species [AK09, BK07, SD05a]. multi-state [MK05].
multi-static [CGL09]. Multi-Symplectic [Rei00, COR08, HL06b, HyLL07, HJL09].
multi-value [JLOT05a, LW07]. multi-viscosity [VHI06]. multiband [RW08].
multiblock [RJ06]. Multicenter [GM01c, SB06a]. Multicloud [KJ09a].
Multicomponent [HLS01, LBD02, OB02, Shy01, WDM01, BGM08, BS09b, JOC06b, Lan06, MC04, MM03, Shy06, WAO+04].
multiconfiguration [CGL06]. Multidimensional [CRD02, GF02, Lap02, Noe00, NC01, SHA08, TX00, WB01, ZRO8, Abr06, Abr07, Abr09, As004a, BFT09, BGN03, KT04, LD09a, LF06, LHer0F04, SL06, TXCD07, XMT05].
Multidomain [GBGM01, LP07a, LLD05, DLD08, DGJ03]. multifluid [MCN03, NDT06].
Multifluids [AK01, HK04b]. multifractal [TPV06]. Multifractjuvenation [PA00].
multifrequency [MYW07]. multifrequency-grey [MYW07].
multigrid [Ab00, BZB00, BL05, DIV00, EAY01, FOLD05, GMB01, KKS05, KJ04a, KvrVvdVv07, KM00, Mav02, MLS01, Pai01, SMB09, Soc03, VC00, WK07, Yu02, Zha02, ABHT03, AHPT07, CSL+06, CS08a, DHT09, EKP07, GT05, HHH07a, HHH07b, HMM05, HWWL09, JHSZ07, KW06, KKL04, KL04, Kim04b, LLY05, LDP08, LBLB06b, LZ+07, NM06, NL03, RKE+07, SRV07, TZ03, VBL07, WZ09, WKL07, XYK05, vVD08, SDQ5b].
multigrad-based [RKE+07]. Multigroup [TFDK04, GS06a, SO08].
multigroup-WENO [GS06a]. Multilayered [CY00, Gut00]. multilayers [GCW07].
multilevel [BCHL07, DJTT05, TB01, TC09b, GKD09, H040, LSS+09, LMS08, RAB07, TS03, VK05a].
Multimaterial [LX00, UTS03].
multioperators [Tol07, Tol08]. multioperators-based [Tol07, Tol08].
multiphase [GM04, G064, GM06, Han01, HLS01, SJ02, Sui01, TBE+01, VLKM02, VC00, YXU01, AS03a, BCB03, CL07a, CL08b, DP09, GCNB07, HJJ09, ICO04, KTO7, LTT09, LK09, LK05, LJO6, LTL+09, MC04, MK06, NL08, PFSL07, PA07b, QLS09, SPB09, SH07, TBJ+09, WP09, ZZV08, ZLAC05, ZSC06].
ELVE07, GK04, GK07, HS09a, JG09, KCMM03, Kro02, MK07, Ngu08, RW03, SHPC09, Spe05, T2Z07b, YXLF05]. multiple-grid [CK07].

Multiple-Heaps [Mu02]. multiple-scale [BBMB07]. multiplication [NU09]. Multiplicative [Ram06]. multiplier [BG05a, DLMK04, SPT05, VMM07, ZSP08]. multiplier/fictitious [SPT05].

Multipliers [TB00a]. Multiply [BMQS02, HJ02, Mi05, VRM07].

Multipoint [QL01]. Multipole [Dar00b, CDJ07, CCG+06, CWD08, CFP08, Dar02, DH04, DC07, FD09a, GDK09, GH02, GD06b, GD08, KP05, LCM07, ST06, SK04b, TC09b, TG08, VOD08, YBZ04, Ym06, ZT07a, ZKL+07, ZD05].

Multipole-accelerated [ZD05]. multipole-to-local [CFR08]. multipoles [OLL03]. Multiresolution [CDKP00, BK07, DGRS08, RSTB03].

Multiscale [AA02, BP06, CFP05, CF06b, FSP+01, FY07, HJ09, HO06, JP00, LLIK01a, LLIK01b, Ll06, PK00, RV00, T2Z07c, Vay01, AZ06, BCM+07, BL04, CEL507, ERVE09, EGHE06, FVE04, FMD+09, GZ07a, GZ09, Gra06b, HBHJ08, KP07, KKS07, L1Z09, LMS08, MM09, MY06c, MH0B07, NZ05, Ngu08, PBH04, RE05, SDD07, SY03, TH06, Tan08, WGRA09, YSz07a, YE05, YE07, YH07b, ZSB+08, ZHSS09].

multiscale/multiphysics [FMD+09]. multislab [dA04].

Multispecies [BJ02, Del03a, SD05b]. Multistage [L0904]. Multistate [BU02]. multistep [HR07, RH05].

multisymplectic [IS04, SW08b]. multitime [vdV08].

Multi-valued [Gost02, JLOT05b, QL04]. Multivariate [WGNT06, AGSX09].

Multiwavelets [ABGV02]. Multiwavelets [IMK01, TNR02]. Multimford [ET06, RR07].

MUSCL [Ber06b, BL01, Waa09]. MUSIC [PL09a].

MUSIC-type [PL09a]. MUSTA [TT06b].

N [Aza09]. Nagumo [EV03]. Nanbu [DWC+09, WLC+08]. Nano [GK02, BCCV09, JSCZ08, LCR07]. nano-MOSFETs [BCCV09, JSCZ08]. Nano-particle [GK02, ZK04].

nano-systems [VTM+08]. nanodevices [LCP+07b].

nanoparticle [MLFG06]. nanoparticles [FY07, MWG+06].

Nanoscale [BR08, BMN07, CL05, FH07]. nanostructures [PA05, RCC05].

National [Har04]. Natural [MPP01, SVH+06, AZ05, DR09a, GZ07b, GCC007, MZ08, PS03a, PSC04].

Nature [Fen06]. Naviar [DD03a, AQ09, BQQ09, BCDR06, BHR06, BB07a, BACFT05, BLM08, BCVK02, Boe05, BT06, BJ09, BCM01, BGLN05, CSL08, DC01, DR09a, DD09, DB04, Dom08, DD03b, EHS07, EHS+08, FL03, FOLD05, FD07, GS07, Ge06, GSV06, GCBN07, GR08, GSO3c, Gr09, GSW00, GK05, HH08, HH01, HCD02, HK08a, HH02b, HLM07, HS08b, HLL08, HC05, ILL09, JK00, JLO04b, JMC03, KA05, KE06, KDK+07, KG08, KAK03, KvdVvdV6a, KvdVvdV6b, KvdVvdV67, KM00, KB01, KS09, KT03, LNM+09, LOK01, Lee09, LC01, LL01b, LFX05, LDPL08, LRZ04, LP07b, LLL09b, LMS02, LB04, MPP01, MVD04, MR09, MCG08, MSS08, MF00, MG06, MLS01, NW07, NZ05, Ni09, NIK06, NMS07, NGvdWS09, PA01, PNMK09, PK09, Pet01,
PR03, PR04b, Pon07a, Pon07b, PR06, RBH03, RS06a, SML02, SNGAS04.

Navier  [SFE07, SMB09, STZ07, Soc03, SCN07, SN08, STR07b, SWP^+00, TOZP03, TXCD07, TWS02, VSW04, WRu03, WPH00, WK01b, WS01, XK01, Xu01c, XYK05, YS07a, ZL08b, ZDNP00, vBRK01].

Near  [FR02, KMIC05, MK02b, OK07b, SKWN03, GLLX08, HAP05, Khe04],

Near-field  [OK07b], Near-wall  [KMIC05, SKWN03], Nearest  [Par02],

Nearest-Grid-Point  [Par02], Nearly  [FR02, KMIC05, OK07b, SKWN03, GLLX08, HAP05, Khe04].

Neural  [MK02b], neuronal  [RCT07], neutral  [BBK06, CDV05, GWF^+07, GBS00, LCB04, TPR05], Neutrally  [PG02a], neutron  [BH05, FHJK09, Mac07, NU09, RW08],

New-version-fast-multipole-method  [LCM07], Newmark  [CL07b],

Newton  [Yan09, BB07a, Boy02b, CBKM00b, Cha07b, CZ09, HC05, KM00, KK04, KT07, MKR00, NOG08a, NOG08b, ORM06, SNGAS04, TWS02, YLD09],

Newton-conjugate-gradient  [Yan09], Newtonian  [FS04, VBL04],

NICAM  [SMT^+08], Nicolson  [Han00, KW08a], Niño  [CC08a], nitride  [BMK^+06], NMR  [KVH01], No  [SN08, HSC09, PK05], No-slip  [SN08, HSC09, PK05],

Nodal  [GHW02, HW02, KWH09, WPH00, GLMH09, GW05, JH06, Pon07b, WRu03], node  [KLP^+09, MCGV04, WF06],

node-centered  [MCGV04], noise  [BB04b, CBJdlC07, MSB07a, SMS08],

Non  [BTW04, BS00a, BM01c, Dem04, GBS00, Hub07, KM07b, MKR00, NV09, SCT09, Tor03, Vas00, Yon01, Abg06, AB03, BFB08, BDRT09, Ber04, BdCB09, BCCD08, BWS05, BCT^+08, CFS09, Cap08a, Cap08c, Cap09, CC03, CN05, CEH09, CSL08, CS06, CS07d, CP08, DHT09, DSM09b, DP07, DK07, DKT07, FS04, FR03, GS06a, GT09a, GZ08, GGS09, GHB03, GN03, GT05, GWF^+07, GYKL05, Hau08a, Hau08b, HMA05, HKG08, HAP05, HS06, HJJ09, Hu05, Hwa03, ISNY05, JJGL06, JJGL07, JA08, JSC08, JG09, KD09, KB04, KK03b, Kout09, KLSW09, LSA06, LVL05, LMS04, LCCG05, MSG09, MJ06, MGC06, MG06, MG07d, MK03, NN04, OMK09, Pav07, PWM06, PK07, SBA07, SS03a, SAK05, SSB07, SLV09, SB06c, SE04, SZ05, ST07, TW07, TT05a, Tok06a], non  [TT05b, TB04, TPR05, VM07, BVL04, VZSL07, W07b, WSYS09, WC07, XHC08, YGK04, YA05, YS06, YH07b, ZSW03, ZIP06, ZWS06, ZT03], non-aligned  [GYKL05], Non-autonomous  [BM01c], non-conformal  [LMS04, VZSL07], non-conforming  [CC03, CEH09, SB06c], non-conservative  [DP07, KD09], non-convex  [HJJ09], non-diagonal  [WC07], non-dispersive  [MG09], Non-equilibrium  [MKR00, BSW05].
non-Gaussian [HMA05], non-graded [MGC06, MG06, MG07d], Non-homogeneous [KM07b, FR03, SBA07], non-hybrid [BFB08], non-hydrostatic [SE04], non-hyperbolic [Hwa03], non-inertial [PK07], non-isothermal [DHOT09], Non-Lagrange [VMN07], non-linear [BDR09, BdCB09, BCI+08, CFS09, Cap08c, Cap09, CN05, Dem04, GZ08, Hau08a, Hau08b, MJ06, TT05a, TT05b, WT07b, YKG04, YH07b], non-linearly [Tok06a], non-local [KB04, LSA06, Pav07], non-matching [JJGL06, JJGL07, LVL05], non-Monte [Dem04], Non-negative [NV09], Non-neutrality [SCT09], non-Newtonian [FS04, VBL04], non-orthogonal [LMS04], non-oscillatory [BTW04, BS00a, Hub07, Abg06, BCCD08, CP08, DK07, DKT07, HAP05, TWM07, ZSW03, ZWS06], non-overlapping [LVL05], non-periodic [Kou09], non-polynomial [YS06], non-radially [KLS09], non-reflecting [AB03, GN03, NN04, PWM06], non-smooth [Ber04, CS06, CS07d], non-staggered [CSL08], non-stationary [GS06b], non-thermal [DSM09a], non-uniform [Tor03, VAS00, CAP08a, HKG08, Hu05, ISNY05, KIK03b, STZ07, TB04, ZIP06, ZT03], non-unit [JA08], non-viscous [GGS09], nonaffine [Ngo07], nonaffine-parametrized [Ngo07], Noncompact [GBGM01], non-oscillating [Fou06], Nonconservative [Wu01, CR09, RBD03], nonlinear [TTZ03, TWM07, WFTS05, Wan05, WKL07, XS05b, XG09, YM07, YLD09, ZJS08, Zhe06, Zhe07, vdVX07], nonlinear-multigrid [HWWL09], nonlinearity [LY07a], Nonlinearly [LAS01], Nonlocal [BZB00, FS00a, FS00b], Nonmonotone [SL07c], Nonorthogonal [LP02, FT05], Nonoscillatory [JMP02, TH01, WC01, WH02], Nonparabolic [Rom02], nonparabolicity [WHLL03].
Nonreacting [DBS06]. Nonreflecting
[AGH02, Ata04, Giv01, Groo00, GK07, RC00, AG08, Zhe06]. Nonseparable
[TNR02]. nonsmooth [FCJ08a, FCJ08b]. nonspherical [DTS05a, DTS05b].
Nonstationary [IKL+08]. nonstiff [CR07]. Nonsymmetric
[DF00b, JHZ+09]. Nonsmooth [TNR02].
Nonspherical [DTS05a, DTS05b].
Nonuniform [GZ01, HLS02b, HA02, LLQ+02, MN02, LG05, Rem06, SS09a, VB08, WA08].
norm [SVH+06]. normal [ND04, RMB07, TW05, TR07]. normalization
[Tow09a]. normalize [Hag07]. normally
[NTB07]. normals [FB08, RMB07].
Note [Ano03y, Ano03z, Ano08-51, Del01, DF00b, Poz01b, Wu02, Ano07-32, GxW07, GJK09, GS03c, TL06, UYK+04]. Notes
[Ber06a]. Novel
[BU02, DC01, DSS00, EG08, FH00b, YCL05, BAMD07, FGP08, LSA06, LL04b, LNXNTX09, MvW08, Pap08, SLC07, dSMF09].
nuclear [CGH05]. NS
[WLC+06]. Nuclear [Saf00, BDR+04, KP07, PGB05]. null [CEL06].
Number [AKY01, Cor00, DKX01, FH00b, FG02, HT00b, LLIK01a, MP02, MHS02, MPC02, NTYT02, Nic00, PW01, SBGK00, SSD00, Tol02a, WPM02a, ZRR00, Ano04z, BDHN09, BDR+04, BTW03, CLB08, Del07, DBBP08, DDD05, DSK07, Hau03, JS05, KKM08, LG03a, sLwG08, LM08c, MT03, MDR07, NMH+07, OTCM08, PPDM08, RE07, RB09b, SM06a, SFMP06, TSG+06, TMD+08, VDK02, VT03, XP04b, XLP05].
Numbers [AC01, BEPT09, CTS07, DKS+03, HY09, HY11, KP08, Lee07b, OVG07, SDGX07, Vik03]. numeric [HBHS09].
Numerical [ART02, ART04, ACS00, ACLS03, APQ02, BS04a, BSW03, BJ03, BLW04, BLO9a, BST01, BMR01, BCG09, BCR04, BA03, BS01, BRL02, BPL06, BS06b, Boy02a, BC02b, Bu05, CPR05, CFA01, CHH06, CD04, CP03a, CBjdC07, CCRG07, CQ004, COV04, CEP08, CLE00, CL03b, CB09, CF04, CKM07, DW00, Dar00b, Del07, Den07, DJ04, EPW08, EE08, El07, El03, FLG01, FS05, FP02, FLM08, FCB02, GMD03, GG09, GS02, GJ01, GLS03, GPH+01, GP00, CC02b, HLFB07, HMM02, HK02, HF01, HP01, HLT07, HSL08, HLW04, HLW06, HWW07, IG05, IM05, JLDC01, JWS00, JZ02, JMZ04, JYH+09, JS05, KP07, Kau02, KSH+06, KAIN01, KSW07, KL07, KMS04, KJ01, Ker02, LCB04, LP00, Lem00, Lin02, LGK06, LOK05, LP04b, LP02, LCdC+03, MR00, MCC02, MRR05, MC09, Men04].
Numerical [Mie00, MY06c, MC00b, MLS+05, NS04, NLT08, Nys02, OKL01, OL01, PSC08, PD01, PSCQ03, PR01b, PIN09, PWS+02, PCCD00, PO01, Pud06, Ram03, RCT07, RRC05, RGS04, RRL01, RXH02, RFV09, SA02, Sau02, Saz01, SLY02, San01, SJ04, SK08a, SB09, SL04, SFW06, SSD03, SSC00, SKW05, Sus06, TS01, Thu08a, TRSK09, Tok06a, TC01a, TCM+00, TdAAP08, TE04, TV08, TPVG06, VC03, VR02, VPA02, VQ08, WHL03, Wee02, Wh00, WO05, WO09, WB01, XM06, XG09, YM07, YFLS06, YVD00, YE05, dWKL07, vBRK01, vZS07, vdBG09, AS03a, APP+07, AK07, Ano04z, ACR08, AMP09, AM05, BL04, BW06, BCL06, BY07, Bar04, BFT07, BFT09, BV05, BDGL05, BL08, BLM09, BCM09, BBCT09, BW07, BP07, CLB08, CRAG07, Cec05, CMG09, CMP07, CHG+07, CP05, CM03].
QLK07, ZQ09, AB03, ABK09, BDCG03, CC07, CR09, GM04, Gos04, GM06, HZ08, HAP06, HGB+03, NFA03, QS04, SKWN03, SK04b, Xia04, Zhe06.

one-fluid [LKK04]. one-parameter [CGSR08]. One-sided [RB06, HH07b, SR09a]. one-step [DT04, DBTM08]. One-Way [FSY00, SFY01]. onset [CGM07], onto [NTB07]. Open [Liu09b, SS07c, BP06, BTC05, BF07, CZVS04, JR03, JR04, LZ09a].

open-channel [CZVS04]. Operator [KLN+01, KK00b, PRT00, Spo00, TK04, BG05a, CWJ07, CFR08, DD05, DWC+09, FL09, IAT09, KJ09a, KK07, Lab09, PAD07, PC06a, RS05, RS09a, RBK09, SRM09, TBT+09].

operator-stable [PC06a]. Operators [Edw00, Her00, Lem00, MHS01, NR01, BO04, DK06, Gra06b, Her00, Heu03, LM08b, MN04, RS05, RS09a]. Optical [BV00, GHH00, Lin01, Whi00, BBD04, FH03, KM03, KNH05, MWM08].

Optics [Gos02, OCK+02, CQRW05, JW06]. Optimal [BHS03, BC08, CHG+07, CKL00, FH02, HZ07b, H103, IF09, KFIG06, KMA+01, MO06, NVL03, WR09, BHNPR07, CBGI09, DCF+08, FLB03, HH08, HAP05, Liu08, MG05a, NL08, Pee03, PSM08, PRL03, SY09b, TW05, TR07].

optimality [PVR07]. optimisation [Pro03]. Optimised [Kim07].

Optimization [CD00, HGM+00, IFZ01, JK02, KMS02, MK02a, OS01, RBSL06, SSSWD00, SKK+08, TWM07, TSG02, TS07, AS05b, AJT04, AA06, BP09, BP04a, BTWGVW07, CKV07, DCF+08, DAJ07, FLB03, GKK07, GJK09, Ham07, HSG05, HE07, HS09b, LIUW07, LLC+08, LTM09, MS08a, MC03, MD06, Pir07, PL08, Pro08, SHA08, TW03, WLK07, YMW06, ZL08b, MS08a].

Optimization-Based [KMS02]. Optimized [AZ03, BS09a, BM05, CL01b, HB05a, SHWW00, WC01, ZT07b, MTW06, PSG05].

optimizing [Hab04]. optimum [LT09a]. orbital [KVM01b, LZ07, SLG+03]. Orbits [GM01c].

Order [AC00, ACV00, BS00a, BS01, BSI00, BK01, BS01, CL01a, CKGL02, Coe02, CR00, CSP01, DVO2, DZ00, DLS+00, FT01, FT09, GC01, GFCK02, GHHW02, Giv01, HLS02b, HW02, KC00, KB01, LP00, Lai02, LS00, MC01, NR01, Nic00, NC01, NYS02, OG02, PKP01, PM00, QS02, SLY02, TK00, TX00, TS01, TS02, VCP00, VZ00, WH02, XCZ02, XY01, YP01, YL01, ZHa02, ZSO1, de 00, AM03, AM04, AV03, APTJ+04, APP+07, An04, AMR06, AV03, AG09, AC09, AB05b, AT05b, BS04a, BC05, BKST09, BGN07, BFT07, BFT09, Be08, BC08, BBMB07, BRC+09, BDCE09, BLMO9, Boy06, BSW05, BGLN05, BH04, BHP07, BL03, CT09, CVB06, CP03a, Cap08c, Cap09, CT08a, CC03, CP04a, CC07, CS07a, CKGL04, CS06, CS07d, CRB+08, CR09, CF06].

delay [CBS05, CF04, CFJ09, DT04, DSM09b, DR09a, DMR05, DC07, DBBP08, DTMS06, DR09b, DDF09, DK07, DET08, DZ09b, EKBL09, FNS07, FR08, FB08, FOLD05, FD07, FR03, FK09b, Fox08, Fox09, GPC07, GG04, GH08a, GSV09, GG03, GF05a, Gir06, GM03, GO04, GR04, GBS06, GP05, GHLP07, GLT07, GL08, HK07b, HMOG08, HWW08, HH08, Hau08a, Hau08b, HMPR07, HAP05, HAP06, HJJ09, HMML04, HMM005, HJ07, Hub07].
HB05b, IX09, IM07, IQ08, JH06, JD09, JBF07, JMC03, KSO+05, KKM08, KE06, KCG07, KZ04, KT06, KK05a, KK05b, KP08, KLK08, KYK07, Kok09, KT05, KPP07, KPP09, KB06, Kri07, KWD07, KQW03b, Lab09, LL09, LSD07, LM08a, LTZ03, LG04, Li08a, LSZ08, LN09, LF05, LRZ04, LCS09, LS09, LF04, LB03b, LdCN+03, MZ08, Mai09b, Mai09a. order [MS03, MRS09, MvW08, MN06, MY06b, MG07a, MP05, MOG09, MG06, MG07d, MG08, MC07c, MHPR08, MPFC08, NLF03, NPH09, Nas08, NM06, NOG08a, NOG08b, NPC09a, NPC09b, Nis07, NPPP06, NXS07, NF09, NGvdWS09, ODAF07, Ols07, Ols09, PKD07, PP04, PLR03, QW05, QA09, RP08a, RRW05, RDPN07, RH05, SZ08, SGFL09, SM04, SM04, SPM03, SFE07, SMB09, SZC09, SS05a, SZS03, SZ05, STZ07, SY03, SP05b, SCW+09, SGC+04, SL06, SP06b, SRX07, Sus03, SN06, SCN07, SN08, TMS06, TM07, TLAD04, TWYC06, TFD06, TCM09, TD07, Tol07, Tol08, TB04, VGCN05, VWW04, Wan04a, Wan04b, WL06, WM07, WSY09, WZ09, WGRA09, WD07, WZ07, Wen07, Wen09, WA08, WAH09, WMI07, XS05a, XS06, XCRX08, XS05c, YMT+04, YC09a, YC09b, YP06, YHSX07, YS07a, Yeh07, YBZ06, You06]. order [YZW05, ZKDT07, ZL04, ZP05, ZJS08, ZJ09, ZW04, ZT03, Zho07, ZZFW06, ZYHS07, vZdBB07]. Order- [FT09]. ordering [NL08, SNLS03]. Orders [GST02, MBM01]. Ordinary [MOvL00]. Ordinates [Coe02]. Organic [deM02, Lap03]. organization [FY07]. orientations [LR07]. Oriented [OV00, QRHD00, BTWGVW07, RH03, RFF06, ZSC08]. origin [CL07b]. origins [Lyn08]. Ornstein [KP04]. Orr [GFR09, Me04]. Orthogonal [AJO01, T602, XCZ02, Bia03, CRB+08, LMS04, Nik06, ZJW06]. orthogonality [SS03a]. Orthotropic [LLN00]. Oscillating [OLK01, DGH08]. Oscillation [OF02, CJSS08, KLK08]. Oscillation-Free [OF02]. Oscillationless [XY01]. oscillations [BPM03, CBC09, Gos04]. oscillator [LTD+06]. oscillatory [Abg06, BTW04, BS00a, BCCD08, CP08, DK07, DKTT07, HAP05, Hub07, TWM07, ZSW03, ZWS06, HGM+00]. Osculatory [BR01]. Osher [FSS03, LBV00]. osmotic [WWC07]. Ostwald [Hor06]. Other [Boy02b, MR03]. Out-of-Core [TR02a]. Outflow [Eli02, Eli07, FGP08, HAS05, HEN09, MJ07]. Output [MPP01]. Outputs [VD00, VD02, VD03]. Outstanding [SS01b]. Overdetermined [Boy02b, Str07a]. overfilled [Woo06]. overlap [SB06a]. overlap-like [SB06a]. Overlapping [PW00a, WZ00, BSKH07, BHS09, DTMS06, HS03a, HS06, HS08a, KZ06, KPO5, LV05, Li08a, Liu05, TZL05]. Overlying [Str01b]. overmoded [LKD04]. Overset [BE02, FS04, SS05a, TJS03]. overset-grid [TJS03]. overtopping [LTD04]. Overview [OF01]. Oxidation [GR01]. oxide [GIA+07, GIA+08].

P [Gon07]. package [DFG+06]. packed [CLL07a]. packet [BS04d, BS06a]. packings [DTSC04, DST07a]. Padé [WH02, CD109, Lur07, SFY01, WH02, You06]. Padé-Gegenbauer [Lur07]. Padé-Type [WH02]. pages [DKX01, HT00b, LLIK01a, MP02, MPC02].


BHR06, BOT05, BB09b, BB09b, BB09c, CGSR08, CL08a, CPKW09, 
CFL+03, CL08c, CP03c, CP07, CL03b, CEL06, DMHP07, DL03a, DFV08, 
DZ09a, DST07a, ECL02, Edk07, ESE07, FS09, FK08, FHLO08, FHD+09, 
FHLK05, Fox08, FG06, FM06, GS09b, GKO2, HGBH03, HD07, HNF07, 
HK008, HK018b, HK08c, HX05, HS04, HT03, HDR+06, HRV08, 
HS07b, HMM04, IITV07, JH06, JD09, KZWWY09, KFV07]. particle 
[KP05, LJ+06, LGK07, LK07, LMX+08, LWDA09, LZ09b, LZ09a, LM03a, 
LWD07, LK05, LMH07, MP07b, MP08, MC06b, MCP03, MHW05, 
NBLOq9, NLL06, NFA06, OK06b, PK05, PMP08, QFR04, SS09b, SWB+06, 
SWG08, SB06b, SS07, SK08a, SK07b, TOZP03, TM05, TMSW07, TK09, 
TU04, VHI05, VHI06, Wd03, WYS09, WGR07, ZKO4, ZH04, ZP05, ZP06, 
ZB07, ZL09, ZKS+09, ZZ09]. particle-continuum [SB06b, SS07]. 

Particle-Field [SSW01]. particle-flow [AMP09]. Particle-In-Cell 
[LP02, BOW01, CB02, LDL+09, Par02, QRD00, Sn01, SP01, PPCW06, 
CP07, FHD+09, FG06, GS09b, HDR+06, IITV07, JH06, LWDA09, OK06b, 
QFR04, SK07b, WGR07]. Particle-Laden [WK01a, JD09]. particle-level 
[TU04]. particle-localization [HN07]. Particle-Mesh 
[FR02, LK07, LK05, SWB+06, Wal03]. Particle-Particle 
[FPC+00, TK09, Wal03]. particle-solid [HS04]. particle-source-in-cell 
[JD09]. particle/finite [ZH04]. particle/finite-volume [ZH04]. Particles 
[AKV00, Gut00, HHL00, ADS03, AGW07, CP07, FHD+09, FG06, GS09b, HDR+06, IITV07, JH06, LWDA09, OK06b, QFR04, SK07b, WGR07]. 
Particulate 
[GP+01, BCM09, DM03, DGMN03, FM05, LM03b, LMK09, Mar09, PH08, 
RMG+09, SP05a, Ulh05, WT07a, YSW06, YS07b]. Particles 
[pagination [MG05a]. parts [MN04]. passivation [GKJW07]. passive 
[BS06a, RSM05]. Past [HGM+00, PW00b, PW01, CHBS04, DCK08, 
GPH+01, JD04, KRO09a, MAL09, PAI01, SLC07]. Patch 
[SKR06, KPP09, PDH07, SO08]. patch-based [PDH07, SO08]. 
Patch-refined [KPP09]. patches [CLS09b]. Path 
[PWW00, Sto07, BLO3, CLMRP08, CM06, Wea09]. path-consistent 
[CLMRP08]. pathological [LJ09b]. paths [Liu08]. Pattern 
[HKV01, WMV00, WMW03]. patterns [LT09a, SM09a]. PCICE [Ber06a]. 
PCM [FWK08]. PDE [CFS09, EV03, FSS03, FP08b, GS03a, HMR08, 
PBO4, Pr08, SBA07, SPLM09, TCO+04]. PDEs 
[AC00, ACY00, BMR01, BM02, BGRS08, Dri02, JW09, Kro05, PL08, 
Ram06, RST03, RMO00, SV07, VBJ08a, VBJ08b, YB06]. PDF 
[AJ09, BF08, CP03a, CRAG07, JPPC01, JML+01, LLR09, MPC01, 
MPC02, ROJ+04]. Pécelt [MHS02]. penalization 
[CBGI09, DKK+07, KS09, LV07]. penalty 
[DDH05, DLD08, GLL07, GLL09, HH08, JLL+06, PR06, SHA05, WG09]. 
penalty-projection [JLL+06]. absolute [Sus06]. Advection [DB00]. 
B-spline [DD03a, DD03b]. CAA [DTMS06]. continuum [JG09]. density 
[Ros03]. difference [WG09]. discontinuous [CQRW05, MESV09]. DSMC
RMF08, RM07, SWK06, SY09a, SS06a, SYC09, SNLS03, SL07c, SB07.

**Phase** [SXyWX09, SSH+07, TLK07, TMB07, TBT+09, TGB+07, TJLT08, XMT06, YZ07, YFLS06, YC06a, YC06b, YHCD05, YSS07, YF09, YE05, YZF07, ZDD09]. **Phase-Accuracy** [MP01b]. **Phase-Field** [GW02, MR02, BEA09, NDG05, YZF+06, BJP04, FYH+06, LCB09, RLM07, SY09a, SB07, TLK07, TBT+09, XMT06, YFLS06, YHCD05, YZF07].

**Phase-lag** [MKKY06]. **Phase-screen** [DS09a]. **Phase-space-Based** [OCK+02, CQRW05].

**Phys** [ABRR09b, Boy05b, AS03a, JLOT05b, KDOO05, MR03, MK04b]. **Physics** [GTD+02, MKR00, CP06b, CP06c, LL07, MK03, PNMK09, RWMK03, SHPC09, YKK08]. **Physics-Based** [GTD+02, MKR00, MK03, PNMK09, RWMK03]. **PIEC** [ADS03, CN08, CK07, GCLB04, HKM07, HM09, Hew03, Kwo08, Lab09, LTL+09, MT07a, Mot08, NC04, OK06b, SDD07, She08, SL03, SK07b, SS04, TPV07, TPR05, WH05, ZK06]. **plasmavacuum** [KSHS08]. **Plasmas** [Cul01, HKKS+01, OMG02, SUW01, BvdHKG07, CDV05, CF04, DSH09b, GWF+07, GGOB04, GLN06, GYKL05, GLT07, GL09b, HDBW05, HDBW05, Hum05, KSHS08, Kwo08, Lar03, LDL+09, MT07a, Mot08, NC04, OK06b, SDD07, She08, SL03, SK07b, SS04, TPV07, TPR05, VTC+07, WH05, ZK06].

**Planck** [BC02b, DDFT09, FP02, Len00, PRT00, CBKM00a, CBKM00b, Den07, DWLM09, KB04, LC03, UL06, WO05, WO09, XCRX08]. **Plane** [Dar00a, MM01, Mie00, PG02a, PC02, BO09, DVHM05, Gab07, KMS04, SL07c, Woo06]. **planning** [CM06]. **Plasma** [CYKC01, DGH02, GBS00, GWT01, HHC01, HMM02, hLA01, OL01, RXH02, DMR09, DNS08, GHB03, GLN06, GYKL05, GLT07, GL09b, HDR+06, LCB04, LL08b, MD04, MSP+06, PCCW06, SG06, XCRX08]. **Plastic** [GF02, HB02, Hum01, MC01, VQLZ04, ZVQ07]. **Plate** [BISS01, CHBS04, FKK08, LWW04, YKG04]. **platemantle** [FKK08].
Plates [SCD00, GA09, JA08, LSJA05, MC06b, ME09]. Platform [DPRS01]. Plentiful [CHM08]. PLIC [LHGF05]. PML [LZC04, Rah04]. PMLs [QT08]. POD [BC08, BBI09, CBS05, SK04a, SKXK05]. POD-assisted [SKXK05]. Point [Bar02a, Par02, SMP01, TB00b, VDM+00, WLE+00, AFGM07, BM05, CP03a, CWJ07, CWYM08, DVHM05, Eg07, FP08a, KK07, MDM03, PHKF06, Tan05b, WG08, ZZVM08, dSM05, dFJS09]. Point-Centered [SMP01]. Point-Set [TB00b]. points [BCEG07, HAP05, LC06b, SY09b]. Pointwise [SB06c]. Poiseuille [DKS+03, PG02a, Sie00]. Poisson [WO05, WO09, And09, AMLC08, BR01, BC02a, BC05, BJ09, BD01, BZ09, CGMS03, CSS00, CDV07, Dys01, GS06a, GFCK02, GM06, GBGM01, GS09c, HPS06a, HZ02, IKS+09, JM05, Lai02, LLY05, LFK00, LW07, ML05, MP01a, MP02, MCGV04, Mil08, MGC06, NLL06, PB00, Poz01b, SSN09, SBCL06, VVM05, WWC07, WZ09, Zha02, ZS01]. Polar [CSS00, CL02, Lai02, MC00b, SR09a]. Polarization [CD00]. polarized [GCW07]. poles [BM05]. Pollutant [ZKK01, BES07]. Pollution [FCB02, SD00]. Poloidal [BT07a, BT07b]. Poloidal-toroidal [BT07a, BT07b]. poly [GIA+08, GIA+08]. polycrystalline [CP05]. polydisperse [LMV04]. Polygonal [WS01, GL08, LSSV07, LSV09, LS05b, YS08, ZL08a, dVGLM09]. polyhedral [AS07, BAYZ08, CT07, LSS06]. Polymer [GIA+08, AKH06, CFM09, CKPW07, FT06, HLFB07, LMK03, LWF+08, SXyWX09, VC03, YEFH07]. Polymers [FS00b, SK06]. Polymorphic [GLMH09]. Polynomial [DGF09, ABHT03, BS06a, Boy05b, CS08a, Del07, GD07b, HB07b, HZ02, IKS+09, JM05, Lai02, LLY05, LFK00, LW07, ML05, MP01a, MP02, MCGV04, Mil08, MGC06, NLL06, PB00, Poz01b, SSN09, SBCL06, VVM05, WWC07, WZ09, Zha02, ZS01]. polynomials [Boy04, LBS+04, SR09a]. polysaccharides [TLAD04]. pom [APP+07]. pom-pom [APP+07]. poor [FRS08]. population [CPKW09]. Pore [ZF02]. Pore-Scale [ZF02]. poroelastic [BQQ09]. Porosity [JWSC00, JW02, JW03, RC06]. Porous [CS01c, CS00, Str01b, WLE+00, ZF02, AT09, BW07, CP05, CDE06, GZ09, GH08b, HJ09, JL06, KT07, LTZ03, LMS08, LH05b, LJ06, ZM08, MJT06, MP05, NL08, PC06a, RGS04, RC06, RM07, TJE08, YE05, Zad08, ZL04]. posed [Meh04, Rah04, vdDA06]. position [Che04]. Positive [Jan00, LL03c, San01, BD06, CKLS05, EZ08a, ML06b, Waa09]. positivity [AB05b]. post [RC09b]. post-processing [RC09b]. Posteriori [MP01, Dwi08, Ngu07, SVH+06]. Postexposure [Li01]. Potential [HSK00, KT07, PC02, PO01, ABK09, BEE06, CS05, De07, GD07b, HB05a, JR03, JR04, KW08a, KJ09b, MG07a, Mil08, NG06a, NL07, OLL03, OCFS08, Sac07, SCT06, SB09, YCL05, YF09]. Potential-based [KT07]. Potential-Theoretic [HSK00]. Potentially [CH01]. Potentials [HAA00, CB07, HO08b, SH07b, Tan07, VB08]. Potts [VCG03]. Power [SM04, GB08b, Mi06, Mi07]. power-law-like [Mi06, Mi07]. powerful [Sau04]. powers [Boy09]. pp [Aza09, SM09b]. PPM [CS08c, SWB+06]. PQM [WA08]. Practical [Hua01a, Abr06, LC06a, Yok07]. precipitation [TMSW07]. precipitator [LW04]. Precipitators [BISS01]. Precise
Preconditioned

Preconditioner

Preconditioning

Precursor

Predictability

Predicting

Predictions

Predictor

Predictor-corrector

predictor/multi

Prefactored

Preliminary

Premixed

Presence

Preservation

Preserves

Preserving

Pressure

Pressure-Based

Pressure-corrected

pressure-correction

pressure/invariant

Pressure-Poisson

Pressure-velocity

pressure/density

primal

primitive

primitive-equation

primitive-variable

Princeton

Principal

Probabilistically

Probability

Problem

primitive

[BCGR05, KW08a]. **Preconditioned**

[DMG00, Hua07, MVD04, MG02, AMLC08, BPS03, BH04, CP06b, CP06c, HLY09, HC05, Lee05, Lee09, LZH+06, MYW07]. **preconditioner**

[AHPT07, APT09, EHST03, EKP07, GGMN+09, GT05, Gri09, KSO+05, Lab09, LSS+09, RWMK03, RKE+07]. **Preconditioners**

[BFG08, BT09, CdHST08, EHS+08, GH03, STD+05]. **Preconditioning**

[AZn02, Ben02, DD09, Gla01, Hel05, HC08, MKR00, SC01, Yam05, HO08a, IF09, LZZ03, Lee07b, MY03, MK03, NOG08a, PNMK09, PPB09]. **Precursor**

[DW09]. **predictability** [CC08a, HMA05]. **Predicting**

[CC08a, HMA05]. **Predicting**

[CS00, AV03, HP04b, LS06, MLFG06, PIN09]. **Preservation**

[Car01, BD08, IS04, MY07, SCC09]. **preserves** [CS08c]. **Preserving**

[BSS00a, CRB00, CL01b, DSV09, LW01, RM01a, SH07c, TR02b, TS02, AS05b, AT08, AB05b, AMS03, AMS04, BLM08, BD06, CGL08, CS09, CLS09a, CDV07, DT04, JW06, Kok09, KWD07, KSW03, LS05a, LLZ07, LW04, MS03, ML08, MOG09, PNS05, QM03, RGK07, SLV09, WV03, Wen06, XD04a]. **Pressure**

[AMLC08, BT02, Cod01, JL02, LLJK01a, LLJK01b, MD01, Pet01, SS02, AMH04, CSL08, EZ08a, GRO7, GS09c, JL04b, KIHM09, MTV08, MB04, MDS03, NV05, NMS07, Pap08, Pon06, RVM07, RVD09, Ros03, SAM05, Uto08, vBK03]. **Pressure-Based** [MD01, SSO2, MDS03]. **pressure-corrected** [MB04]. **pressure-correction**

[MT08, RV07, RVD09]. **pressure-invariant** [vBK03]. **Pressure-Poisson** [AMLC08]. **pressure-velocity** [Pap08]. **pressure/density** [Ros03]. **primal** [AAC07]. **primitive**

[BG07, CTT08, HHPW08, HIL03, KSO+05, PHW08, SHTB09]. **primitive-equation** [PHW08]. **primitive-variable** [SHTB09]. **Princeton**

[KN09]. **principal** [LM08b]. **Principle**

[Rom02, SSSW00, Ab06, KSS09, MSG09, SGP06]. **principles** [WD07]. **prior** [RT03]. **priori** [KK09, Rye05]. **priority** [Pau07]. **probabilistic**

[FWK08]. **Probabilistically** [ABL05]. **Probability** [Pop00, MJ07]. **Problem** [AKV00, AQ02, BS00b, BS01, CSV00, Del01, FS00b, IYI+02, IFZ01, KLV0L02, LR01b, MPP01, MM01, MN02, Mit00, Poz01b, PG02b, Str01, TK02, WB01, Abr07, Abr09, AW04, BL09a, BBD04, BFC04a, BCI+09, BTT08, Bia03, BO04, BEA09, BP04b, CFS09, CT08a, CDR09, CMG09, DB04, DVM03, GH03, GF05a, GKL03, HEN09, HZ07b, Hoh06, KH09, KNH05, Lee07b, Lee07a, Lee09, LS07, LSS06, MRR05, Meh04, Mil08, NLT07, QCG09, RVM07, SWK06, SL04, SY09b, Sou09, SRX07, TVP07,
VP09b, XSG04, YYY09, YE07, dVGLM09]. Problem-Independent [BSB01].

Problems

[Alb00, AL01, ADK00, ADK02, BR01, Bar02b, BM01, BCOS01, BS01, BKL01,
CWT00, CM00, DCS00, DXX00, DXX01, DFT01, FGG01, GP00a, GKL01,
HAA00, HFO01, Kan02, KJ01, LL02, LTZ02, MR00, Man02, NC01, OKL01,
OS01, PR01a, PL01, RW00, RRL01, ST01, VG01, VSMW01, ZRR00, AE03,
AM03, AM04, Abg06, APTJ’04, ABL05, ARR09, AFGM07, ACR08, AG09,
AQ07, BB04a, BB04b, BD04, BB04c, BG05a, BG05b, Bor07, BSL09, BLM03,
BG05b, COV04, CT04, CB09, CEL07, CS08a, CS08b, CH07, CS06, CS07d,
CT07, CF09, DR05, DPN05, DPN06, DI03, DT03, DG09, DR09b, EZ08b,
Ev07, FM04, FF03, FCG05, Gab07, GZ07b, GT05, GM04, GP05, GK04].

problems

[GL08, Hab04, HJ09, H008a, Hel09b, HMR04, HY09, HY11, HF08b, IG05,
JBHK08, JVS07, JLT03, JH08, JC06a, JC06b, KP07, KK03a, KW08a,
KZ04, Kau03, KEB+07, KKF05, KS08b, KK004, KPP07, KS09, KS07,
Lap04, LSA06, LZ03, LZ09b, LCW04, LH05, LDW07, LNH05, Low05,
Ma05, MTV08, ML05, MS08a, MMS04, MR07a, MN09b, MS04, MY06c, MR07c,
MG05b, NPH09, N009, ND04, N006b, NL09,
ON08, OD05, OMK09, Pap08, P03a, Pir07, P08, RM04, RCB05,
RP05, RD07, SKR06, SL09, Sh04, SC09a, SL07c, SM06b, SH09,
SL09, SN06, TVY06, TD07, TO03, TB04, TY07, UBR07, VGC05,
VK05a, VSH04, VZ07, WFT05, XMT06, XHW07, Y005, YAd05,
YH07a, YCL05, YJ07b, YZ07, ZG08, ZSP08, vOP04, vD06].

Procedure [DIV00, JK00, FDD07, LP06b, MKK06, Mil05, Mil06, Mil07,
ML06b, SH09, UL06, WXY09, XMT06]. procedures

[BVN08, Cam03, CT08, Hua07, Roy05].

Process [FL09]. Process

[J02, LR01, Li01, Cam03, GS03b, KK05d, LL03b, LLT07, YK08].

Processes [LBD02, AT09, Ch04, FLB03, KM03, L06, MDJ07, SS06b,
SL06, HSV03, VK04]. processing [ALT08, FSS03, RC09b]. processors

[GD08, KWB09]. produced [KF04, KFG06]. product [Gel06].

production [IR09]. Products [CSV00, DP07]. Profile

[XU01, LM09, YYK04]. profiles [CP07]. Program [BSJ01, WBM09].

programming [CVE06, DT04]. Progress [Jan08]. progressive [CF06a].

Projected [SWT01]. Projection [AGP01, AP02, BJ00, BJ02, BCM01,
CM00, ERT02, GQ00, LK01, LRN+02, LMS02, LB03b, MC00a, TC01b,
VSMW01, WC01b, AV05, GBC06, Gri09, GF05b, HO03, JLL+06, KKM08,
LR04, L04, MZ08, MCG08, MG06, MK07, Ni09, PSL07, SF07, SB06c,
TC07a, Ut06, Vo06, XSL09, VP06, Y005, ZP06]. projection-type

[L04]. Projections [SS01a]. Projective

[KEB+07, SDD07, GK03, RMG04]. Prolate [Boy04]. Prolongation

[TR02b]. proof [B08, Boy06, KS08b, WZ07]. Propagating

[SFW00, AS03b, BBF+08]. Propagation

[BM01a, Dur00, ERT02, FT01, GH00, GKL01, HH01, HK02, LL00,
LMSV00, MN02, MHS02, Noe00, RTT01, Wee02, BP09, BG05a, BS06a, CN08, CHG+07, CBI+04, DNS08, DS09a, DDGS09, EV03, FCJ08a, GD06a, GGGB04, GGRS08, HLS06, HSQ03, HPS+06b, KT06, Laut04, LNK04, LK07, LSTE07, MN06, MHI08, MR04, Pir07, PSG05, RBL04, Ros06, Shy06, Thu08a, Tok06b, Vol04b, XS07, ZB07. **Propagational** [CSV00].

**Propagator** [WH05, IH04]. **propellants** [SMGJ09]. **propelled** [HK08b]. **proper** [CRB+08]. **Properties** [JMP02, KMJ01, Per00, Saf00, Saf02, Vas00, ZSP02, BIS07, Ber06a, GMHI06, HR07, Jor07, LKE04, NE05, Pir06, RH05, SW08b, SVB09, VBL07, XLM07].

**Property** [VS02, WP09, XS05a]. **propulsion** [SMP09]. **PROST** [RR02]. **protein** [GPVB07, MSP06, XJ07]. **Proteus** [FM05]. **Protoplanetary** [dlFMB02]. **Prototypical** [VR02]. **provable** [GGF03]. **Pseudo** [Gom08, KvdVvdV06a, WP00, HSBG05, HL07b, KKS05, SO08, THL06, YY07]. **pseudo-compressibility** [KKS05]. **Pseudo-spectral** [WPH00, HL07b, THL06, YY07]. **Pseudo-time** [KvdVvdV06a]. **pseudo-timestepping** [HSBG05]. **Pseudo-wave** [Gom08].

**Pseudopotential** [CWW00]. **Pseudospectral** [BRB03, KT05, BS08a, BM05, BS05, Boy03, Boy04, BP04b, CB03, LT09a, PDS09, SZL06]. **PSM** [ZWS07]. **Publisher** [An03y, An03z, An07-32, An08-51]. **pulsating** [HAP06]. **Pulse** [HHCL01, XS07]. **Pulses** [SFW00, Sau04]. **pure** [BACFT05, De 04, NDG05, YU05, YSO07]. **pure-compact** [BACFT05]. **purely** [Jao07]. **Purpose** [DPCV02, ALT08, Kuz06]. **PVM** [dFMBdFM02].

**QALE** [YM07]. **QMR** [CP06c]. **QR** [Boy02b]. **QR-Factored** [Boy02b]. **Quadratic** [DDS09, Dur00, BCL09, CVE06]. **Quadratic-Finite-Element** [Dur00]. **quadratically** [Gon07]. **Quadrature** [DKTT07, SCD00, DF08, FLMO8, FOS08, F09, HL08, H008a, MRC06, NG06a]. **quadrature-based** [DV08, FOS08, F09]. **Quadrature-free** [DKTT07, HL08, MRC06].

**quadratures** [Chr03, Dr09b]. **quadratic** [TW03]. **Quadrilateral** [HLKS00, SC00, TC01b, ZYC02, BMT09, DPRN06, KT03, KT05, MJT06, NE05, YS05, ZSC08]. **quadrilateral-mesh** [ZSC08]. **quadrilaterals** [PR04a]. **quadtree** [Gre04]. **Quality** [CBH03, SMO00, CSC+08, KK09, RV03, SDCC05]. **Quality-improved** [CBH03].

**quantiﬁcation** [BPM06, CDE06, DEHL06, KG06, PD09, YZL+06]. **Quantifying** [HMA05]. **quantitative** [GR04]. **quantities** [AS03b]. **quantized** [DJ04]. **Quantum** [DO02, G01a, JM01, Lin02, M09, MO04a, RS02, dFGL05, dFJS09, BP06, BM07, BCCV09, BN06, CL05, CL08d, CL+07b, DDD05, DGM07, DDD06, HLWW04, HLWW06, HWW07, JSC08, JN07, Kar04, KL09, LY09, NTO+07, PA05, PVR07, Ram03, SB06a, SH07, TW03, VTW+07, Vos06, WBM09, YHSX07]. **quantum-classical** [BCC09].

**Quantum-corrected** [dFGL05, dFJS09, CL08d]. **quantum-mechanical** [DDD05]. **Quartic** [SK01, WA08]. **Quasi**
[CK08, CDV05, MY06a, MOvL00, QS01, VD00, AI09, BS04b, DT03, EZ08a, FHD+09, FHLK05, Gla05, HH07a, LCB04, LL09, MD03, DDS09, Yeh07].


r [MK08a]. r-adaptive [MK08a]. R3M [YH07b]. Radial [SUW01, TW03, CQ004, FW07, FP08b, HF08a, L JW07, MT07b, RA09, SC08a, TB09, WF06, Yin06]. radially [KL09, LL09]. Radiation [BKR+01, DW00, DV02, HSK00, HG03, MKR00, SMP01, TSG+06, UH01, BKS07, BM05, BSP05, BS06, BW00, Cha07a, Cha07b, DS05b, Dic08, DST07b, ED07, GT05, GCL05, KLM07, KA05, LA04, LW03, MR07c, MK03, OS04, Ols07, Ols09, RHPN09, RW08, RV07, SO08, da04]. radiation-diffusion [OS04]. Radiation-Hydrodynamic [SMP01, SO08]. radiation-hydrodynamics [RHPN09]. Radiative [BS00b, DK02b, Gen01, KM03, LTK+02, CS03, DL04, DU07, EU03, FDK06, FKLM07, KN05, MHD08, MEL08, MU09, MA+06, PS07c, Th04, TFD04, WHS08, WM07]. radiative-transfer [DUE07]. radii [CX08]. Radio [HMM02, GGOB04]. Radio-Frequency [HMM02]. railway [LG05]. Raman [BC09, HS07b]. ramified [AS07]. Random [BJ00, BJ02, DGO02, FG00, FW01, LR+02, ARR09, AZ06, DGF09, DI09, DC08, FG05, GZ07a, GZ09, GS09a, KF06, KS07, LLTA07, MZ08, MS04, Pet07, ST06, SRNV07, SVG03, WP09, XS09, ZL04]. Random-Field [FW01]. randomized [ZGS06]. randomly [HLR06]. randomness [WB09b]. Range [FFC+00, BDS07, FT09, HPS+06b, LTZ03]. range-limited [BDS07]. Ranges [GST00]. Rankine [JR09]. RANS [KM05, KAS06, LS02a, SRM09, Tuc03, WK07]. RANS/LES [LS02a, SRM09]. Rapid [Lau04, Sa02, hRT02, BGR08, GPVB07, Nic09]. rapidly [KB08]. Rarefied [PS01, Mac01, Myo01, AK09, BB09c, GC06, KAA+07, LZ04, Mac03, Myo04, SX03, SBC04, VS09, VVS08, ZRS06]. rate [CM09, OLA08, Tow08]. Rates [GGL+01, GP05, Oh04]. Ratio [AJ01, Car01, BJS04, JA08, LL05, LF04, YZ07, ZSC06]. Rational [PSD09, BM05, BRB03, CJ09, ZC09]. ratios [DSS07]. ray [Min07, THN+07, RR07]. Rayleigh [CA06, GGL+01, TM05]. rays [MR06b]. RBF [SPL09]. re [LZ09a, BEE06, KM06, KM07b, PWS+02]. re-entry [LZ09c]. RE-squared [BEE06]. Reacting [ML01a, CP06a, DHM07, DBS06, FL07, LM04, MLS+05, NS05, SK03].
Reaction [BJ00, Li01, MOvL00, RRV01, SWL00, SSC00, DC07, ELW04, GC06, HK06, HMR08, LRS07, LLOT06, MJ09a, Mad06, MM07, MMKP08, MG07b, Moo03, Moo07, Pud06, RSO04, RS05, RS09a, VSH04, XDC09].

reaction-advection-diffusion [Pud06]. Reaction-Diffusion [Li01, SSC00, LLOT06, MJ09a, Mad06, MM07, MG07b, Moo03, Moo07, RSO04, RS05].

Reactions [LK00, MEG02, SSC00, BCK09, KW03, OLA08]. Reactive [MX00, MEG02, SSC00, BCK09, KW03, OLA08].

Reactors [PCCD00]. Real [Mit00, OB02, DDDC07, RBK09, SH07b, dWK07]. real-space [dWK07]. real-time [DDDC07]. realistic [BP07, FHJK09]. realizability [PSMW09].

Realization [ZSC07]. recast [MYW07]. receptivity [DS06b]. Reciprocity [GHG01]. recirculating [RMG+09]. reconstructed [VCG03].

reconstructing [YJ06]. Reconstruction [BISS01, DS08, KHS09, LS02a, RR02, SJ02, SR00b, ZC09, AS07, ÁDIM09, AMS03, AMSZ07, BO05, Bal09, Boy05b, Cap09, CR08, DDS09, GSB03, JS07, LSD07, LLO4b, LHPF04, MP08, OK04, SGFL09, SADJK05, SS07b, TMD08, VB09, XLM07, XLO09a, XLO09b]. reconstructions [MLFG06, TB06].

Record [SSSWD00]. Recreate [SSSWD00]. rectangles [Bia03].

Rectangular [BDLL01, SZ00, CN05, HK08a, KPK09, NMM07, Ni09, PKD07].

recurrence [CL08a], recursive [DSB06], recycling [LP06b]. red [LL06b].

Redistancing [CT08b]. Redistribution [RW00, AM04, DG09, TLK07, TTZ03, WW04, WT07b, YT07]. Reduced [CKF02, CKPW07, DR09a, KG08, LP00, TLAD04, BKST09, BC08, CRB08, CBS05, KT07, LP07a, LB03b, MG05b, Ngu07, Ngu08, PC08, QA09, SVH06, SK08a, YH07b]. reduced-basis [Ngu07, Ngu08]. reduced-order [BC08, CRB08, CBS05]. Reducing [Vil08]. Reduction [hLA01, SD00, ACGV07, AG09, BPR08, BTWGVBW07, CK08, DL03a, FK07b, GZ08, LD06, MN09b, MKL06, MV06, PS07c, RA09, RFV09, VP09a, VK05b, ZSW07]. Reference [KMS02, PK07]. Refined [GW01, DP09, FH07, Her08, KPP09]. Refinement [Alb00, AGT02, Balo1, DGH02, DHO2, FH00a, AGT05, AEP04, BC05, BV05, BFG07, BL05, CR07, CBH03, CBI04, CFJ06, FM06, HS06, HS08a, HG03, KA07, KPP07, LP04a, LLO4b, LK09, MCGV04, MC07b, MHE06, PSCB08, PDH07, PC08, PL04, PC06b, RF06, SRX07, TFD06, TK04, YF09, dTDI07].

refinement-based [CR07]. Refining [BH09]. reflecting [AB03, GN03, NN04, PWM06]. reflection [BS04d, So09]. reflectometry [dSHHM05]. Reformulation [i02]. Regime [BJM02, BK01, BC08, GC06, LQ09, LD09b, RB09b, SKK08, SE04, VL09]. regimes [CGL08, FK09a, JD04]. region [BC08, HE07]. Regional [Ano08-50, Lap08, SDCC05, SM09b]. Regions [Bal02, CFA01, CAL02, MG07a, VRMO7]. regressing [SMG09]. regidding [WAH09]. regidding-remapping [WAH09]. Regular
\[ \text{OF01, SSSWD00, MPD08, NFvS}^{+06}, \text{NDG05, VBL03}. \text{ resumming} \\
\text{LBS}^{+04}. \text{ resurrected} \text{ [HSC09]. Retrieving} \text{ [LR01b]. Revaluation} \text{ [IM07].} \\
\text{reverse} \text{ [HS07a]. reversibility} \text{ [DOW08]. Reversible} \text{ [LR01a, RE07, PH09].} \\
\text{Reversible-equivalent-monomolecular} \text{ [RE07]. Review} \text{ [Roy05, FSS03]. revised} \text{ [Wan04b]. Revision} \text{ [Neo07]. revisited} \text{ [LKO05, MC07a].} \\
\text{Revisiting} \text{ [FLG01, Rid00, SD06, WE05]. revolution} \text{ [FWW04]. Reynolds} \\
\text{[Cor00, DKS}^{+03}, \text{DDH05, FG02, MT03, NMM}^{-07}, \text{NHM}^{+07}, \text{OTCM08, OVG07, PPPM08, SDGX07, Vik03, XP04b]. Rezone} \text{ [KMS02]. Rezoning} \\
\text{[Lap02]. RF} \text{ [hLA01]. Rheology} \text{ [LL06b]. Rhonegletscher} \text{ [JHB}^{+09].} \\
\text{Richards} \text{ [ZSWW03]. Richardson} \text{ [RB06]. Richtmyer} \text{ [LSD07]. Riemann} \\
\text{[AW04, BDRT09, BTT08, BZW01, BH05, CT08a, DP07, De01, Geo08, Gui05, HAI09, il02, KLLJ09, KSW07, KLvBvL02, LMS05, LP01, Li05, LS07, MN02, Mig07, Mi04, MK05, NK08, QCGQ03, RBT03, SWK06, SL03, SHTB09, TT06a, Tor03, TB04]. Riemann-Problem} \text{ [KLvBvL02]. Rigid} \\
\text{[Bus00, GPH}^{+01}, \text{AMP09, BCM09, BGS08, CC08b, DMHP07, Ekd07, Fas03, LKP06, San03, SP05a, TZZL05, TLK09, TG06, VMN07, Vil08, WT07a, Xu08, vLAvdV06, vZS07]. Rigid-Body} \text{ [Bus00]. rigorous} \text{ [CY05]. Rigorously} \\
\text{[OMG02]. ring} \text{ [QFR04, SDT08]. Rings} \text{ [MKM99, MKM04]. ripening} \text{ [Hor06]. Rising} \text{ [Dar00a, HLC07, HLSL08]. River} \text{ [SSL00]. RK} \text{ [AHNS09]. RKC} \text{ [VSH04]. RKKD} \text{ [BAMD07]. Robin} \text{ [BNV08, JZ08, LSA06]. Robust} \\
\text{[Azm02, JWSC00, JW02, JW03, KLLJ09, KFW06, MJT06, MG08, MLS01, BB09, BB09b, CFR09, CL07a, CL08b, DCF}^{+08}, \text{FK07a, FE04, HNF07, HM05, KK07, LH08b, MTO08, NLFS03, SP06a, TAL09, VPM04, vDZ06]. Robustness} \text{ [Ber06b]. rod} \text{ [BCZ04, HO06]. rod-like} \text{ [HO06]. rods} \\
\text{[GPL05, LN09]. roe} \text{ [KD09, GV02, Jan00, sKKRH03, SLwG08, RBT03, RMF08]. roe-average} \text{ [KD09]. Roe-type} \text{ [SLwG08]. Role} \text{ [AC00, ACY00, AGP01, Mai04]. Root} \\
\text{[Bor00]. rope-length} \text{ [MR03]. Rosenau} \text{ [RV07]. Rosenbrock} \text{ [DCS00]. Rossby} \text{ [CF06a, SD06]. rotated} \text{ [NK08]. rotated-hybrid} \text{ [NK08]. rotating} \\
\text{[AB07, BW06, BVdHK07, FBHV05, GG09a, Gir06, PK07, SJ04, SS07a, VBJ08b]. Rotation} \text{ [HGM}^{+00}, \text{HF08a, LNM}^{+09}, \text{YGL05, ZSC07]. Rotations} \text{ [Bus00, BPO07]. rotors} \text{ [EH08]. rough} \\
\text{[Nc09, TX06, WWC07]. Roughness} \text{ [WWC07]. round} \text{ [Vil08]. round-off} \text{ [Vil08]. Rouh} \text{ [MD02]. Rudy} \text{ [TK04]. Ruin} \text{ [SSSWD00]. rule} \text{ [dSM05].} \\
\text{Rules} \text{ [ADK00, ADK02, HvHHS05]. Runge} \text{ [AHNS09, Ba08, BP09, Boy05b, BS01, CFR04, Dri02, HL06b, Hy-L07, KCGH07, KH01, KWD07, KDW08, LX07b, Lur07, QS04, QKS06, QL07K, Rei00, STR07b, Tan05a, ZP06, ZQSD08, ZQ09].} \\
\text{S} \text{ [JTL09, LNXNTX09]. S-shaped} \text{ [JTL09]. Saffman} \text{ [FS06]. Salmeter} \\
\text{[Mai03, Mi04]. sample} \text{ [FHJK09, HMA05]. sampled} \text{ [Mi05, TPVG06]. Sampling} \\
\text{[Pop00, Cnn03, CTW}^{+08}, \text{KS08b, KLS09, Sto07, Wea09, vEB05]. satisfying} \text{ [CKM07, KSS09]. saturated} \\
\text{[AT09, GH08b, Vol04b, WGNT06, Zad08]. Savage} \text{ [FNBB}^{+08}. \text{ scalable} \]
Scalar [BP07, ZG08]. Scalar-Tensor [BTFY01]. Scalar-Tensor [BTFY01]. Scale [AS02, ATV01, BADG00, CR02, EKK02, Gra06b, KS02b, LR01a, VG01, ZWL02, ZF02, AE03, AHF04, AC09, BRMB07, BJ09, BSW05, BTWGvBW07, HBLD07, JLT03, JLT06, JL09, KM06, KM07b, KCMM03, KE09, LZX03, MN09a, OK06b, OK07a, PFKL05, PM08, P03b, RWMK03, SHPC09, SK07b, UBRT07, VP09a, VK09, VTM+08, WL03]. scale-invariant [KE09]. Scale-separating [Gra06b]. scales [AKP07, ELVE07, JG09, NGu08]. Scaling [PC08, Abr09, SLG+03]. Scattered [WF06, Dic08]. Schedules [FH02]. Scheme [SP07]. Schemes [TDGP06, TAL09, TCM05, TY07, UBRT07, VVM05, VU04, Vol04a, Waa09, Wru03, WA09, WL06+06, XP04a, XH03, XMT05, YMT+04, YC09b, Yok07, YHCD05, YS07c, ZW05, ZSWW03, ZWS06, Zie04, VP09a].

Schemes
[AC00, ACY00, BS00a, Bar02b, BCVK02, Bla00, CL01a, CL01b, Cooe02, CDKP00, CR00, CRD02, Del02, DZ00, DLS+00, EF02, FF02, FGG01, FSB01, FH00a, FSi+01, GC01, GC02b, Gui02, HL01, HT00a, HT00b, Hix00, JP00, JLP02, KT00a, KT00b, LP01, Lio00, MF01, ML01a, Mi600, Nic00, Obw02, Per02, Pir02, QS02, RB02, SV00, SHS02, STIST02, TK00, TS01, TH01, TS02, VAs00, VG02, VS02, WC01, WB01, XY01, Yua02, AM03, AM04, Abg06, APP+07, AHNS09, AB03, AT08, AZ03, BTW04, BAM07, Ba09, BRDM09, BAR08, BES07, BLM07, BBM07, BRC+09, BP09, Ber06b, BS03a, BR09b, B304b, BBCT09, BP03, BL03, BD06, BK07, CVB06, Cap05, Cap06, CGMS06, CLG08, CET09, CLMR08, CL08c, CJ09, CS06, CS07d, CP08, CZV04].
schemes [DT04, DPRN06, DQ04, DJTT05, DK07, DKT07, DET08, DBTM08, DZ09b, DOW08, Dw08, EZ08a, EF03, ELW04, FDD09a, FDD09b, FK07b, FK09b, FW07, FMR09, GZ07b, GLM07, GS05, GSV09, GSV06, GGF03, GS03c, GS03d, HK06, Hei04, HAP05, HJJ09, HWWL09, HUB07, HWW07, JW06, JC06b, Jon05, JMC03, KC07, KL00, KPP07, KPP09, KQW03a, KQW03b, KT04, Kuz06, LS04, LL09, LNK04, LW04, LFS07, LG03b, LG04, LS08, LSSV07, LL03c, LW04, Lui05, LCS09, LD04, Mad06, MRS09, MSS08, NL08, NJS08b, NJ06, Nis07, NPPN06, NXS07, NFR0, OK04, OF06, PAD07, PK03, PY04, PS04, PS05, Pir06, Pir07, PSG05, QS04, QS05, RBSL06, RF08a, RAD07, RB09b, RMF08, Ros09, RD07, Ros08, RS09b, SD04, SDG03, SHA08, SD05a, SD05b, SY06].
schemes [SZS03, SHY07, SZ05, STZ07, SS09c, SPGR06, SJ07, STR07b, SK06, Tak06, Tan05a, TL06, TD06, TDF06, TDW08, TT04, TT05a, To07, To08, TT05b, TH09, Tar03, TB04, TA06, Ts06, VT08, VCZ04, WG08, WS07, WD07, Wel07, WAH09, WZ02, XS05a, XS06, XS05c, YMT+04, Y09a, YHSX07, YS07a, Yeh07, YMWM06, YS08, ZJS08, ZT03, ZH07].

Schmidt [JS05].
Schrödinger
[BJM02, XS05b, AMR06, AB03, ABK09, BY07, BBDE05, BIS07, CCJ07, DE02, Dem04, Doh09, FCJ08b, GM06, HyLL07, HJJ09, IKS01, JLOT05b, KL00, LTE07, LQ09, LW09, Nas08, RLS09, Sac07, SMT06, SKS01, SS07c, zSW06, zS06, XHW07, ZKL+07, Zhe06, Zhe07]. Schrödinger-type
[XHW07].
Schroedinger [And09].
Schur [NPH09].
Schwarz
[BIW08, CJ08, HC05, ODC07, PW00a]. Schwarz-based [ODC07].
science [KG06]. scientific [Bra04]. Secor [DC02]: scrape [MT07a].
scraped-off [MT07a]. screen [DS09a]. screened [GH02, LJK09]. Scares [Kan02]. Sea [Hun10, LDTD04]. seamless [ERV09]. search [Pav07].
searching [Sus06]. Searchlight [BS00b].
Second
[AT05b, BRL02, BoY02a, FB08, GC01, GFCK02, HLS02b, JLCD01, JTB02, JR03, JRF04, KC00, KQW03b, LP00, MS03, Nis07, Ols09, PP04, RL08a, SPM03, TS01, VB00, YL01, AM03, AM04, AB05b, BS04a, Bea08, CP03a, CR09, DPRN05, GGF03, GHMP07, KSO+05, KK05a, KDF07, KT05, LSZZ08, LR04, MZ08, MV08, MN04, MG06, MG07d, MG08, Ols07, SS08, SGFL09, SP05b, SCW+09, SL06, Sus03, TMS06, TM07, YP06, Yeh07, YZW05, ZP05]. Second-Generation [VB00]. Second-Gradient [JTB02, KDF07].
Second-Order [BRL02, GC01, HLS02b, KC00, LP00, YL01, AT05b, FB08, KQW03b, MS03, Nis07, Ols09, PP04, RP08a, AM04, AB05b, BS04a, Bea08, CP03a, CR09, GGF03, MZ08, MvW08, MG08, Ols07, SGFL09, SCW+09, SL06, TMS06, TM07, YP06, Yeh07, YZW05, ZP05].

Second-Order-Accurate [GFCK02, DPRN05]. sector [Boy05a]. sediment [RF06]. sediment-transport [RF06]. seeded [LD09b]. Segment [ERT02]. segmentation [RR07, XCY06]. segregated [NVD07, Utn08]. Seidel [ABHT03, CLS05, KK07, WGCE01]. Seidel-type [CLS05]. seismic [CFS09, CSMH05, HS07a, THN+07]. selection [HL06a]. Selective [BD08, LLB05, OL01, RHPN09, RV07, RM000, SUW01, SCC+03a, SCC+03b, VP00, ZSTC06, BEA09, DAJ07, DS05b, FY07, HK08b, JRS05, MAN+06, SM09, TSB03].

Self-adaptive [OK06c, DAJ07, TSB03]. self-adjoint [MAN+06].

self-assembly [JRS05]. Self-Consistent [SUW01, OL01, RHPN09, SCC+03a, SCC+03b, BEA09].

Self-consistent-field [ZSTC06]. Self-Energy [VP00]. Self-Intersecting [RMO00]. self-organization [FY07]. self-propelled [HK08b].

self-propulsion [SMP09]. Self-similar [RV07]. Self-sustained [CBC09].

self-teleportation [DS05b]. selfadjoint [Heu03]. Semi [BS03a, Bon00, FF02, GVT01, GBB+06, KWD07, KT00b, MELD08, NTYT01, NTYT02, RCB05, Str00, Str01a, Tol02a, Tol02b, WPM02a, WA02, XY01, XK01, BG07, BS08b, BLG+08, BRB03, BL03, CFF07, CFF09, Chat07b, CWL08, DF04, GH03, GPF03, GGP06, GD05, HS08b, IX07, LS03, LQ09, LH08b, LLC+08, MB07, NSS03, NZ06, RS06, ST04, SFM06, TBT+09, TOY09, ZWS07].

semi-circular [GGP06]. semi-classical [CWL08, LQ09].

Semi-discrete [KT00b, BL03]. Semi-Implicit [WA02, Bon00, MELD08, RCB05, WPM02a, CFR09, Chat07b, DF04, HS08b, LH08b, LLC+08, MB07, NSS03, NZ06, SFM06, TBT+09].

Semi-Lagrangian [GVT01, BRB03, ST04].

Semi-Parallel [NTY01, Tol02a, BS03a, Bon00, FF02, GBB+06, NTYT01, Str00, Str01a, Tol02b, XY01, XK01, BG07, BS08b, BLG+08, CFF07, GHB03, GPF03, GD05, IX07, LS03, NSS03, RBS06, RCB05, TOY09, ZWS07].

Semiclassical [BJM02, DDD05, GM04, Gos04, GM06, JLOT05b, JN07, LW09, SY08].

Semicoreasening [LLY05].

Semicoreasening [LLY05].

Semi-Parallel [NTY01, Tol02a, BS03a, Bon00, FF02, GBB+06, NTYT01, Str00, Str01a, Tol02b, XY01, XK01, BG07, BS08b, BLG+08, CFF07, GHB03, GPF03, GD05, IX07, LS03, NSS03, RBS06, RCB05, TOY09, ZWS07].

Semiclassical [BJM02, DDD05, GM04, Gos04, GM06, JLOT05b, JN07, LW09, SY08].

Semicoreasening [LLY05].

Semi-Parallel [NTY01, Tol02a, BS03a, Bon00, FF02, GBB+06, NTYT01, Str00, Str01a, Tol02b, XY01, XK01, BG07, BS08b, BLG+08, CFF07, GHB03, GPF03, GD05, IX07, LS03, NSS03, RBS06, RCB05, TOY09, ZWS07].

Semiclassical [BJM02, DDD05, GM04, Gos04, GM06, JLOT05b, JN07, LW09, SY08].

Semicoreasening [LLY05].

Semi-Parallel [NTY01, Tol02a, BS03a, Bon00, FF02, GBB+06, NTYT01, Str00, Str01a, Tol02b, XY01, XK01, BG07, BS08b, BLG+08, CFF07, GHB03, GPF03, GD05, IX07, LS03, NSS03, RBS06, RCB05, TOY09, ZWS07].

Semiclassical [BJM02, DDD05, GM04, Gos04, GM06, JLOT05b, JN07, LW09, SY08].

Semicoreasening [LLY05].

Semi-Parallel [NTY01, Tol02a, BS03a, Bon00, FF02, GBB+06, NTYT01, Str00, Str01a, Tol02b, XY01, XK01, BG07, BS08b, BLG+08, CFF07, GHB03, GPF03, GD05, IX07, LS03, NSS03, RBS06, RCB05, TOY09, ZWS07].

Semiclassical [BJM02, DDD05, GM04, Gos04, GM06, JLOT05b, JN07, LW09, SY08].

Semicoreasening [LLY05].

Semi-Parallel [NTY01, Tol02a, BS03a, Bon00, FF02, GBB+06, NTYT01, Str00, Str01a, Tol02b, XY01, XK01, BG07, BS08b, BLG+08, CFF07, GHB03, GPF03, GD05, IX07, LS03, NSS03, RBS06, RCB05, TOY09, ZWS07].
Fou06, KTD03, NU09, NCS03, TDV06, VCG03. **SESL** [GPF03].** Set**

[Asl01, BCMO01, CMK*+01, CBMO02, Cho00, EFFM02, HMS08b, KAIN01, KLvVbL02, LLDp*+00, OF01, OS01, OCK*+02, PS01, SW00, Set01, SP00, TMB07, TB00b, AS03b, AS05b, AJT04, ADIM09, AA06, AHMS03, BHR04, BHSV07, COQ06, CM06, CT04, CBG109, Che07, CCT05, CQRW05, CC08b, DMP08, DL03b, ETT05, GGS09, GCB07, Hab04, HMS08a, HK07, Her05, Her08, HK05, JVV07, JCT07, KH07, LW07, LW09, LTWW07, LLD*+08, LTL*+09, LTM09, ML06a, MS08a, MRC06, MR06a, MGCR07, Min04, MG07c, MG07d, MV06, NLA06, NLT07, NT07, OK05, OKZ07, PHKF06, QL04, RR07, SS09b, SS09a, SYC09, Sme06, Spe05, Sus03, TZ06, TZ07a, TZ07b, TBJ*+09, Tow07, TU04, UYK*+04, WLKW07, WSTW09, WS09, WEN09, XLZZ06, YS09, YSS05, ZGK09, ZLAC05, ZL08b, vdDA06]. set-based [TU04]. set-boundary [GGS09]. set/ghost [DMP08]. set/volume [YJL*+06]. set/vortex [Her05].  

sets [FSS03, GR08]. Several [ZDN00, Ovt08]. **SGS** [NN09]. Shadow [IH04, ESD05]. Shah [ET06, RR07]. **SHAKE** [BS08, Goa07, WE05]. Shallow [BC01, CX08, Che00a, FR02, Gir00, GHW02, Hor02, LBV00, LBV01, Lay02, LLIK01a, LLIK01b, Tol02a, Tol02b, TS05, VS02, Xu02b, ZCMI01, AB07, AB05b, BES07, BRC*+09, BT08, CVB06, CHL06a, CL08a, CCRG7*+04, Che03, CL09a, CZVS04, DJT05, GPC07, Goo08, GPF03, G05, GD05, HC08, KJ09b, KL05, LHD05, LGHD08, LS03, LMK07, Mea04, MG09, NI03, NN06, Nx07, Radar09, SS03a, SHT09, T07, UY04, VM08, X05a]. Shallow-Water [BC01, Che00a, LLIK01a, LLIK01b, Tol02a, Tol02b, Xu02b, ZCMI01, CHL06a, CL08a, CL09a]. Shape [AKL*+08, HS09b, LS02b, LTWW07, LT09, PS03a, AS05b, ADR08, BG09, CKV07, DA07, FP08b, Hab04, HPD09, HSBG05, HK07, HW07, LSSV07, LKM05, LLC*+08, TW03, WLKW07]. shape-material [BG09]. shape-regular [LLSV07]. shaped [BCDW06, JTL09, MTH08]. shapes [HK09]. shared [HJF04]. shared-memory [HJF04]. Sharp [LMK05, ML05, NLT08, SB07, UMRK01, YU05a, YS09, YS01, FCD*+06, G07, GCNB07, MDB*+08, OSK09, SSH*+07, TU04, UTBV03, WK06, ZW07]. sharp-edged [YZW07]. Sharp-Interface [YSC01]. sharpening [CET09]. 

Shaw [FS04, KW08b, LL07]. Shear [EL01, TC01a, BZ04, BCZ04, BVC07, GH09, H003, J006]. Shearing [LA01, BM06]. Sheet [GCO2b, LK01, Nit01, FM06, Her05, SDT08]. Sheets [Nie01, Ab09]. shell [C04, Liv07]. shields [BCM*+07]. shift [HMK05]. shifted [AHPT07]. shifted-Laplacian [AHPT07]. shifts [BM05]. ship [Wan05]. Shock [AS02, BJS01, Boy02b, FSS03, Han01, Lio00, MC02, Pir02, STI02, TNG02, T000, VG01, Wu01, Wu02, AM05, BdCB09, CLMR08, CC05, DLD*+06, GA09, HMM08, JH09, KF*+04, KFIG06, sKKRH03, KL09, KH08, LM08a, LSK06, LKY03, LRS09, Low05, Pir06, SB06b, SM05, Sur05, TDW08, TY07, UTBV03, VS09, Vo04b, YT07, KKR01b]. Shock-Aligned [KKR01b]. Shock-Bubble [Han01]. Shock-Capturing [STI02, TNG02, T000, BdCB09, DLD*+06, KH08, Pir06, TDW08,
shock-induced [YT07]. shock-stable [sKKR03]. shock-tube [Low05]. Shock-Turbulence [Pir02, CC05]. shock-wave [KFH+04, KFIG06]. Shocks [DCV+01, Sun00, DLT09, FL07, HP04b, IR09, JD09, MLM09, PFS07, SPB09, SH07a]. shooting [ZK06]. shoreline [Che04]. Short [SFW00, CWL08]. short-wave [CWL08]. shortening [CFF07]. shrinkage [YZF07]. sided [HH07b, RB06, SR09a]. sign [MS03, SBA07]. sign-preserving [MS03]. signal [dSHHM05]. signals [Mil05]. Silicon [GR01, Rom02]. SIM [NLT08]. SIMD [DPRS01]. similar [RV07]. similarity [SB06a]. Simple [Fre00, Kul01, La02, OF06, RM01a, SPB09, SZ09, ST02, BP08, DFG+06, LL09, Mig07, NK08, RM08, Yok07, EKP07]. Simplicial [Min03]. Simplification [Ber06a]. Simplified [FMO00, LTK+02, RLB02, FKLY07, KL06, VGCN05]. Simulate [DPRS01, HMM02, Chr04, EKP06, MV06, PSC04, Sam09, SLC07]. Simulated [PA00, Pav07, WGNT06]. Simulating [Alb09, BBF+08, Cho00, CR02, DL06, GK02, HH00, HDBW05, PR00, PK00, TS04, UM01, AGW07, BGS08, BIV07, BB08b, Che03, DM07, DMP08, DP09, Dur08, GFG09, GBS03, GS05, Gre04, Hu07, KS08a, Kwo08, LKE04, LL07, LF05, LKM05, LZ06, LZ07, NZ07, VC03, VGZ09, VGBZ09, XW06, Xu08, YFBH07]. Simulation [ART02, ACK02, BM02, BST01, BHR03, BADG00, BM01a, BS01, BRL02, Bow01, Bu05, BM07, Bu00, CS01c, CGL08, CT01, CPM02, CY01, Clee00, DNS08, DFO0a, DQA08, DGH02, DDGS09, EH02, FS01, FG02, GPH01, GMAj09, HAA00, Han01, HK01, HK02, HF01, HB02, HSS07, HG01, JLC01, JW01, JB00, Kar04, KW08b, KAMS01, KP00, LB02, Li01, hLA01, LP02, Mac01, MEG02, MS07a, Mu02, NCS03, OL01, PG02a, Par02, PR01b, PB01, PWS+02, PO01, QR00, RR01, Rom02, SLY02, ST01, SSL00, SCW+09, SPC01, SB02, TS01, TC01a, TCM+00, Vay01, VDM02, Ver01, WPM+02b, WB01, Xu02a, ZKS09, ZTZ02, ZP02, ZF02, ZTP05, ZKK01, AH08, AR08, AMH04, ART04, AMP09, AT09, BS04a, BPM08, BCK09, BP06, BWLM09, BA03, BS03b, BPL06]. simulation [BEA09, BGN03, BP07, Bur05, BB09c, CPR05, CG05, CP06a, CBJdC07, CP04, CGRGV+04, CTW+08, CFL+03, CN08, CP07, CLE+07, CMP07, CF06b, CSKD05, CL03b, CSLML06, CB09, DS03, DL03a, DDH05, DS09a, DTS05a, DS09b, DCK08, EL07, EE08, El07, FP08a, FG04, FG05, FDD09, FDD09b, FT06, FD03, FD09b, FL08, FY07, FKK08, GMD03, GS09a, GSS09, GLS03, GIA+07, GBB+06, Gra06a, Gra06b, HBL07, HK07, HJK08, Hew03, HMK05, HK08c, HH07c, FH08a, Hor06, HM05, HSV07, HLC07, HSL08, HT03, HPS+06b, HMR08, HMM04, HLW04, HLM06, ICO04, JRS05, JLT03, JD04, JOS06, JW03, JZ04, JH09, JS05, KH0708, KFIG06, KG06, KM06, KM07b, KFY+05, KDC05, KKS07, LJM+06, Lar03, LMV04, LAM06, LW06, LL05, LCH03, LLL07, SSL08, LK09, LKM05, LP06b, LL06b]. simulation [LCNR07, LMH07, LW+08, LDV08, LH05b, LQ06, MC04, MCM04, ML09,
MTWW06, MC06a, MJT06, Men04, MGS07, MR04, MHE06, MWG+06, MK04b, MHdB07, MGNB09, NL03, NJLA06, NFvS+06, NC04, NB04, OK06b, PSCB08, PDHP07, PYC04, PM07, PL09b, PN03, PH06, Pet07, PWM06, PA05, PVPS09, Pro05, RB05, RRC05, RGS04, RMG+09, Rom07, RJM07, RFFP06, Ros09, Roy05, SM09a, SWB+06, SWG08, SW08a, Sch08, SMS08, SWHC07, SP04, SL04, SP05a, SFX03, Shi07, SMP09, SSND03, SGG+04, SMSS07, SK07b, TOZP03, TZ06, TZ07a, TB06, TSB03, TdAAP08, TPR05, Tsy03, Uhl05, UPKN09, VTC+07, VS09, VGL+07, VK05b, WT07a, WLC09, WKK05, WMH07, XLP05, XG09, YM07, YB06, YCW07, YXL05, YSS05, YF09, ZSB08, ZTO3, ZW03, ZD08, dSMN+04, dCNHSD07, vdBG09].

Simulation-Tabulation [HGM01]. Simulations [ATV01, ALGM01, CS01b, CVB00, CTT08, CBL01, DW00, DKSW01, DE02, DPR00, FVOMY00, FPC+00, FLG01, Gen01, GLLO3, HAP06, HPZ01, JML+01, KS02b, KK00a, KEC01, Kc00c, Lap02, LS02c, LL06a, LLQ+02, ME09, PPC00, PW00b, PW01, RXH02, SSW01, Sm00, TMSW07, WGCE01, Yon01, dSAK00, deM02, AS05a, AZB09, AD03, AFGM07, ALT08, AD04, AGSX09, BL040, BDR+04, BDGL05, BMN07, BB08, BJ09c, BDS07, BS09b, BTW03, CGMS06, CGN+07, CV06, CP03c, CELSO7, CM03, CFGK05, CWD08, CK07, CHPR09, CP04c, CH08, DUEB07, DW09, DKS+03, DLD08, DZ09a, DJ04, EGHE06, Eld08a, EGP09, FIJK09, FPK08, FM05, FHD09, FE04, FCGK05, GCGE03, GFR03, GGF03, GR04, HCG04, HC08, HO06, HP04b, HM04, HS04, HL06, HS07b, ID04, IK07, ISNY05, KM08a].
simulations [KMV03, KFV07, KH07, KSJ03, KZ06, LD04, LM+09, LWDA09, Li08b, Lj08b, Lu08a, LR03, LMK09, LL08b, MWM08, MG05a, MY06b, MF05, MKL06, MLFG06, MVO04, Mot08, MB07, MHP07, MO06, MAL09, NTO+07, NDG05, NJX08b, NL060, NS04, OLA08, OD06, OK07b, Pan07, QL07, QS09, RVD09, RB09a, SM08+08, SG06, SGFL09, SE09, SK08a, STD+05, SA06, SFVK06, SL07c, SHP07, SSW+07, Spe05, SPM06, TW07, TB+09, TMD07, TGB+07, TG06, TD06, TG04, VPM04, VG04, VK09, VCM00, VQLZ04, WL03, WTC08, WH05, XK03, XH03, YFL06, YLH09, YTY05, YZ07, ZGG03, ZVQ07, ZLAC05, dSHHM05, vZdBB07, vdV08]. Simulator [GW02, GC06]. Simultaneous [AKV06, DVHM05, HSC05]. Simultaneously [DSS00]. Sinc [Eg07]. Sine [Mil05, Saf02, BRB03]. Sine-fit [Mil05]. Single [JK02, JD04, LW06, NMG09, PL09a, RSW06, RM07]. Single-Crystal [JK02]. single-domain [LW06]. single-fluid [RSW06]. single-fluid-phase [RM07]. single-phase [NMG09]. Singular [ACS00, AQV02, AP02, CH01, LL01b, LTZ02, RW00, WPW02, ZS01, AC03, Boy06, DG09, HL07b, LH05b, Sac07, SY0b, TE04, WZ07, ZZFW06, dA04, dCNHSD07]. singular-regular [dA04]. Singularities [Mal01, MC00b, OKL01, Boy05a, Gro06, Gro07, HO08a, VRC07, YW07]. Singularity [Nit01, CS00, LL06a, TPV06]. singularity-avoiding [CS00]. singularly [LCW04, Moe07]. Sinks [WLE+00]. sintering [CP05]. situ [LP09]. Sivashinsky [CFP08, KMS03]. Sixth [WZ09, Hau08b]. Size
Skew-Symmetric-like [DLS\textsuperscript{+}00]. skwed [TAL09, YMWM06]. skill [Ano08-50, SM09b]. Slab [BS00b]. Slater [GM01c]. Slender [KK00c, BP08]. SLICE [ZWS07]. slide [Car09]. Slider [WB01]. sliding [AKH06, HMM04, KH07]. slightly [ZD05]. slip [BIW04, HSC09, PK05, SS05c, SN08, VLB09, ZTPM05]. slip-dependent [BIW04]. slit [Mad05]. Slope [Xu02a, Boy03, ML08]. Slope-Update [Xu02a]. Slouching [Fra04, CN05, LL08a, VGL\textsuperscript{+}07]. slow [GV06, Ke05]. Slowly [Wu01]. Smagorinsky [MGS07]. Small [Hix00, LWDA09, AV03, BEPT09, HMA05, KM07b, Pa08, Re07, RWMK03, TJ09]. Small-angle [LWDA09]. small-scale [KM06, KM07b, RWMK03]. Small-Stencil [Hix00]. Smearing [BU02]. Smooth [ASPB03, Ber04, CS06, CS07d, CS08c, DJM05, GP05, MC06b, YBZ06, vZdB07]. Smoothed [BZ08, CPK02, I02, LMK09, PM02, ZF02, BZ04, BOT05, CGSR08, CFL\textsuperscript{+}03, CL03b, CEL06, ESE07, HK08b, HK05, MHW05, TM05, TMSW07, Yok07, ZB07]. smoothed-particle [BZ04]. smoother [EKP07]. Smoothing [DIV00, KGK01, ABHT03, HZGB04, HZGB05, WST09, YZLH09]. Smoothness [KKP02, LCS02]. Soap [JP02]. Sobolev [RSS09, SNLS03]. soft [HK08c]. soil [SM06b]. Solar [SJC07, Die08]. Solid [Bar02a, EKK02, FGS09, Fed02, HHL00, HPZ01, Man02, MC02, BL08, CCV03, CYS06, CP04b, DVHM05, HS04, HH06, JGGL06, JGGL07, KS09, Kou07, KB06, MEKS03, MMS04, Ml04, NM09, SMGJ09, V03, VHI05, Yam05, ZKS\textsuperscript{+}09, ZFM08, vLAvdV06]. Solid-Liquid [KK02]. Solution [BG02, ACS00, ADK00, ADK02, AQV02, BR01, BC02a, BM01, BMRS01, BMRS02, BTO2, BK01, CWT00, CL00b, Dr02, FGG01, FP02, GZ01, GCO2b, HW02, Hu01a, JMK01, Kan02, LTE07, LXM09, Lin01, MR00, MN02, Pa01, PR01a, QCGQ03, St01, VB00, WPW02, WLE\textsuperscript{+}00, Z01, ZYC02, dFS09, vBRR01, ARRS09, AKV06, AL06, AEP04, An09, AG09, ACLS03, BT03, BM03, B09a, BCDR06, BFC04a, BFG08, BT08, Bia03, BSLN09, BSW05, BGL05, CJK\textsuperscript{+}03, CF06, D509a, DVMH05, DS06a, DFS09, DR09b, EB06, FK07a, FT05, FOLD05, FH07, GS03a, GS06b, GV07, HK08, HEN09, Hoh06, IH03, JW09, KS08a, KS03a, KSH\textsuperscript{+}06, KAK03, KL04, KMS04, KT03, KT05, LH05a, LG07, LM08c, LW05, LCO04\textsuperscript{+}03, MZ09, MP07a, MN07, MKY06, MK08b, MG09]. solution [MSB07b, Mou04, MK07, Ols07, Pap08, Pud06, RVM07, RWMK03, RHPN09, RAD07, Roy05, SS09, S03a, SWZ03, S09, SHTB09, Soc03, ST03b, Th04, Tok06a, TV08, TV06, VC03, WK07, WM07, YAvdB\textsuperscript{+}08, YKG04, ZG08].
ZYL+06, ZZ09, ZSC08]. solution-adaptive [ST03b]. Solution-limited [LXM09]. Solutions [CH01, Gos02, PKP01, PS01, SPW+00, VQSZ02, BB08a, BDRT09, Ber04, BT09, BDCG03, CFR09, CL03a, CS08b, DD09, FCJ08b, HK06, HLRZ06, HL07b, IG05, KW08a, KMS03, KN04, KLSW09, LHD05, LW06, LRMB08, LW07, MM07, MHB08, MD06, RS09b, SY09b, TC09a, UL06, YU05a, YJF+06]. Solvated [FS00b]. solvation [CXB08]. solve [BZ09, Cha07a, Cha07b, CEH09, CPF06, IM07, ND04, TBT+09]. solvent [DC07]. solvents [XDC09]. Solver [BZW01, CBKM00b, CKF02, CSS00, HR01, iI02, Lai02, MOvL00, RLB02, ZS01, AQ09, ABZ+08, BCCV09, BH09, Bey09, Bi03, Bi05, BYZ04, Bjo9, BL+04, BL05, BH04, CW03, CGMS03, CK03, CP06b, CP06c, CHL06b, CLL+07b, CLS09b, DHOT09, DSM09a, DVHM05, DBF08, DP07, GS05a, GS06a, GA09, GTMC08, Gu05, HK08a, HC09, Her08, HdgK08, HJ07, HVAC09, HA09, HB05b, IQT08, JR09, JTL09, KW06, KP04, KLL09, KAA+07, KS07, LT05, LFX05, Li05, LK09, LDPL08, LC03, MR05, MR07a, MPD08, Mj07, Mi04, MK05, MBP07, NOG08a, Ni03, NL06, NS05, Pop03, Pop09, RBT03, SO08, SL03, XYK05, YBZ06, ZJ09, nWvSD07, dTWD09]. Solvers [AV02, CT08a, LP01, Mav02, MOS00, OMG02, QS01, SBGK00, SC01, AMLC08, APQ03, AQ07, BPO07, Bra08, BH05, DIL03, Geo08, JR07, JL04b, KDK+07, KSW07, LMS05, LG07, Loo04, MTV08, NKO8, SM08, SB03, TT06a, YLD09]. Solving [AKV00, Bot06, Cal02, CVC03, DV02, DKK00, DKX01, DFT01, HK01, HMM07, Maa03, MP01a, MP02, MS004, MR07c, Moc07, ORM06, SS08, SKAS01, SWL00, TK02, UL06, VC00, WKL07, YA05, ZCY02, ZYL+06, AMXL09, AC05, CHL09, Cap08a, Cap08b, COQ06, CS07b, CW08, CJ07, CDL04, CDL05, DLP08, Eg07, FM04, FP08b, GS07, GK05, HL05, IKS+09, ILI09, KSO+05, KZ04, LL03c, LRZ04, LP07b, Maa04, MR06a, OTCM08, PSD09, RCT07, RLZ03, RS06a, RRW05, RM08, SROCF03, SL07b, SR09b, STR07b, TLL+08, Tuo07, WXG07, WGS+08, XDB09, XM06, YYF09, YCL05, Zho07, dDEK09]. Some [JHSZ07, OF01, Sto07, Th08b, AST07, LM08b, VBL03]. Somerville [WS04]. Sommerfeld [GFR09, Meh04]. sonic [Asl04b, Tan05b]. Soroban [YMT+04]. Sort [Bow01]. Sound [Fre00, HS00, MN02, BA03]. Sounding [TK02]. Source [HK00, HGN00, SR00b, Xu02b, ZCMI01, BIW08, BP03, CVB06, CS06b, GLS03, HW08, JD09, KHN05, LT09a, MC07c, RBT03, TE04, TT05b, VS07, Wen06, XS06, YYF09, ZSW03]. source-independent [CSMH05]. source/observer [VS07]. Sources [GBGM01, POS00, WLE+00, BCDW06, CJ07, HO08b, OK06c, ZZW06]. Space [AQ07, CP00, CWT00, Han00, HA02, JW00, KvdVvdV06b, LTZ02, OCK+02, PR04b, PM00, SU01, ZCY02, ZRR00, vdVvdV02, vdVX07, AK06, ASQR06, AK07, AGS09, BFT07, HIS07, BS03a, BK09, Boy03, CQR05, CFJ06, FR03, PCG05, Gh06, GR07, HLO08, IS04, IO04, JW03, JX07, KvdVvdV06a, KvVvdVvdV07, KT05, KLM05, LG07, LW07, LS09, kM07a, Moc06, Moc07, MR06b, RJM07, RBK09, Sh06, TT05b, TFDK04.
Space-Charge [SUW01]. spacecraft [LZ09c, VGL+07]. spaced [HM08]. Spaces [FLG01, YS06]. spacewise [YYF09].

spacewise-dependent [YYF09]. SPAM [SWTM01]. Sparse [Bor00, GZ07b, GG00, WHS08, ABZ+08, BPS03, DBF08, HM08, LAKD08, MZ09, ZG08, ZGSD06]. Sparsity [Lou00]. Spatial [BRL02, BCMO01, FLG01, YS06]. Spatio [DGF09]. Spatio-Temporal [DGF09]. Species [WDM01, AK09, BK07, LCB04, SD05a]. Spectra [DK06, Mil06, Mil07, TPVG06, Yan08]. Spectral [AQ00, AGP01, AQV02, AP02, AQ07, BJM02, BK08, BS03b, Bor07, CSS00, CKGL02, CMV02, DLMK04, Dri02, ES06, FLG01, FYH+06, GT09a, GP00a, GS06b, GBGM01, HL01, Hei04, HKV01, KK00a, KK00b, KB08, LS02c, LJW09, LVW06a, LVW06b, LJW07, LMS02, PRT00, PX02, PR04a, PW00a, PR03, PR06, PG02b, RH01a, Sac07, SB06c, SC01, SG03a, SLW06, TRL01, Wan02, WL02, WLZ04, WK01b, vOP04, AQ09, BM06, Bey09, BS04c, BhvHK07, BDCG03, BLM03, Boy04, Boy05a, CJS08, CCV03, CLL+07b, CKG04, CQRW05, CD07, CFJ09, DHO5, DLD08, Dim07, DG03, DD03a, DD03b, FD03, FK09b, FBHV05, Fon06, GSV06, GFR09, GP03, GW05, GR08, GD05, HW08, pHL09, HK08a, HEN09, HdgKG08, HL07b, HJM+05, HJM06, IM05, IHL03, JZ08, JW09].

spectral [DK06, Mil06, Mil07, TPVG06, Yan08]. Spectral [AQ00, AGP01, AQV02, AP02, AQ07, BJM02, BK08, BS03b, Bor07, CSS00, CKGL02, CMV02, DLMK04, Dri02, ES06, FLG01, FYH+06, GT09a, GP00a, GS06b, GBGM01, HL01, Hei04, HKV01, KK00a, KK00b, KB08, LS02c, LJW09, LVW06a, LVW06b, LJW07, LMS02, PRT00, PX02, PR04a, PW00a, PR03, PR06, PG02b, RH01a, Sac07, SB06c, SC01, SG03a, SLW06, TRL01, Wan02, WL02, WLZ04, WK01b, vOP04, AQ09, BM06, Bey09, BS04c, BhvHK07, BDCG03, BLM03, Boy04, Boy05a, CJS08, CCV03, CLL+07b, CKG04, CQRW05, CD07, CFJ09, DHO5, DLD08, Dim07, DG03, DD03a, DD03b, FD03, FK09b, FBHV05, Fon06, GSV06, GFR09, GP03, GW05, GR08, GD05, HW08, pHL09, HK08a, HEN09, HdgKG08, HL07b, HJM+05, HJM06, IM05, IHL03, JZ08, JW09].

Spectral [AQ00, AGP01, AQV02, AP02, AQ07, BJM02, BK08, BS03b, Bor07, CSS00, CKGL02, CMV02, DLMK04, Dri02, ES06, FLG01, FYH+06, GT09a, GP00a, GS06b, GBGM01, HL01, Hei04, HKV01, KK00a, KK00b, KB08, LS02c, LJW09, LVW06a, LVW06b, LJW07, LMS02, PRT00, PX02, PR04a, PW00a, PR03, PR06, PG02b, RH01a, Sac07, SB06c, SC01, SG03a, SLW06, TRL01, Wan02, WL02, WLZ04, WK01b, vOP04, AQ09, BM06, Bey09, BS04c, BhvHK07, BDCG03, BLM03, Boy04, Boy05a, CJS08, CCV03, CLL+07b, CKG04, CQRW05, CD07, CFJ09, DHO5, DLD08, Dim07, DG03, DD03a, DD03b, FD03, FK09b, FBHV05, Fon06, GSV06, GFR09, GP03, GW05, GR08, GD05, HW08, pHL09, HK08a, HEN09, HdgKG08, HL07b, HJM+05, HJM06, IM05, IHL03, JZ08, JW09].

Spectral Projection [LMS02]. spectral-WENO [CD07]. spectral/B [DD03a, DD03b]. spectral/B-spline [DD03a, DD03b]. spectral/discontinuous [CQRW05]. Spectral/hp [ES06, PR03, PR06, SC01, PR04b]. spectrally [BW06, BCL06, DP09, HF08b]. spectrally-accurate [HF08b]. Spectrum [GBS00, VCT09]. Speed [FS01, KMA+01, SLW08, BHS09, BN09, HS03a, HS06, KSO+05, SMS04]. Speeding [HK06]. Speeds [MD01, JW06, Lio06, MDS03, Soc03]. speedup [EV03]. SPH [BRP05, DKS+03, DLD+06, DLT09, GAC+09, HA06, HA07, HA09, JOS06, KM08a, LMX+08, Mon00, ODAF06, ODAF07, OBT06, Owe04, Pri08, SSL00, XLS09]. Spheres [Che00a, Che00b, CKGL02, KMHR00, Lay02, PWS+02, Tol02a, Tol02b, AQ09, BAFL09, BCE+09, Boy05a, BZ09, CD07, CF06a, CCV03, CX08, CGK04, CHO05, DC07, DTSC04, DJ04, FW07, FP08b, GW05, GR06, LS03, LJW07, MC06b, MK08b, NFvs+06, NI03, Pud06, PL07, Ros06]. Spheres
[PO01, BP08, VQLZ04]. Spherical [Gir00, GHW02, LBV00, LBV01, Nit01, SS00, AQ07, GGO9a, GPFO3, Jao07, JD04, KLO6, LHD05, LGHDO8, Liv07, Mac07, NB04, OBT06, SP06a, SC08b, Tyg08, WJV07]. Spherically [HZ02]. Spheroidal [BS00c, Boy04, SJ04]. Spilling [DF00a]. Spin [GCW07, YMF01, FT09, WJV07]. Spin-Orbit [YMF01]. Spin-polarized [GCW07]. Spline [DDS09, GW01, KMJ01, Lay02, PB00, SKAS01, Ver01, Bia03, CP04b, CLS09b, DD03a, DD03b, ELW04, LHF04, ZWS07]. splines [CP04a]. Split [HZ08, SFY01, Sti02, AMSZ07, MM03, Nas08, RBK09, SA09, SK08b]. split-conservative [SA09]. Split-Step [SFY01, Nas08]. Splitting [BJM02, BM01c, Edw00, EF02, FMR09, HH01, HH02b, HGN00, KLN+01, LLIK01a, LLIK01b, MBP00, NTYT01, NTYT02, Ros00, SLY02, Spoo0, VG01, YVD00, Aslo04b, BG05a, CHL09, DPRN05, DQ04, EF03, Fas03, FL09, GS03d, GS09c, HJM+05, Hub07, HGB+03, KN09, KKO04, LLOT06, MEKOS3, MY07, NvL03, Pon07a, QW05, QA09, RC09a, RP08a, RS05, RS09a, RP0N07, Sac07, SJDO5, ST03a, TBT+09, TCN09, TK04, YHSX07, YZW05]. splitting-based [TBT+09]. sponge [Bod06]. Spontaneous [YZF07]. Spray [BW02, FLM08]. sprays [AJ09, LMV04, TT06c]. Spread [BST01, BST03]. Spreading [HLZ02, DW09, HSC09, ZGG03]. Spring [TTSG01, TSG02, LWF+08]. Spurious [DS01]. Square [Bor00, Cap09, GS03a, LL04a, SL07b]. squared [BEE06]. Squares [PG02b, AMSZ07, BT05, BT06, BP04a, CSO09, DI09, GNNB08, HV03, HK08a, HMRR04, HLMM07, HdGKG08, HY09, HY11, KH09, NCS03, PR03, PR04b, Pon06, Pon07a, Pon07b, PR06, VB09, ZKY05]. squares-based [NCS03]. stabilisation [NW07]. Stability [AC00, ACYO00, APQ02, Bal08, BB08a, BFJ03, Cod01, DVHM05, DWLM09, FGG01, FDL08, GF05b, HFO01, LG08, Lee03, LRS09, MG02, NR01, PR01a, Pet01, Rem00, Rem06, RS05, RS09a, RB02, SHWW00, SV00, WK01b, BBC+06, BDCG03, CHH06, CHPR09, CFJ09, DMG04, FD03, GV08, HS09b, HM04, KRT+09, KWDO7, LH05a, LGKP07, LZ07, MPDO8, Maz06, NZ07, OCEF08, Sam09, SCT09, zSW06, zS06, VCT07, VL07, VGPL09, XSL09, Yan08, YMWM06, ZK06, ZT03]. Stabilization [PX02, San03, HH07b, QT08]. Stabilized [JML+01, RB09a, XP04b, BB07a, HY09, HY11, LSS+09, MZ08, MR06a, MGCR07, NZ05, SV07, ZSP08]. Stable [Azn02, BKST09, CYKC01, De 04, GGCC09, Hu01, HWWL09, IA06b, KR02, KR09c, MSS08, MIIO8, Nys02, VWW04, Wan04a, WDM01, Wee02, YCO9b, ZZ01, AM03, AM04, AO3, BL04, BLMO8, BO09, BSLN09, DR06, FNS07, GG09a, GN07, HR08, pHL09, HX05, JAK05, JLO4b, sKKRH03, KYK07, KPP07, KPP09, LL05, NFGK07, NG06b, NGvdWS09, PC06a, SL09, SCN07, SN08, TC05, WC07, YCO9a]. stacks [CKPW07]. stage [KWD07]. stage-exceeding-order [KWD07]. Staggered [ALGM01, GHHV00, GW01, HH01, Per00, XCZ02, YP01, ZSP02, Boc05, CSL08, KE06, KAK03, LD09a, LS05b, LSW08, LRS09, PN03, PS04, RCB05, SK06, VSW04, VSW06]. Staggered-Grid [XZC02, LRS09]. stagnation
Standardized [BP04b]. Standing [VCP00]. Stars [BTFY01, TVMR03]. started [DCK08, KR09a, NCS03]. State [CYKC01, FV01, Mai01, MOvL00, Syv01, VTM+08, BT03, BLM04, CORT09, CGH05, CC07, CP04b, CS06, CS07d, CY05, HPS06a, HIJ09, ISNY05, Kwo08, Mai03, Mai04, MK05, MK07, PPB09, SFDL07, VVS08, VTV+07, Wen06, ZL08b].

State-of-the-art [VTM+08]. Statement [KB01]. States [FGOV00, RS02, BCL06, BS08a, BNNP06, CL08a, CGL06, CKLS05, CILS05, FJ09, GT09a, Geo08, VTV+07, Vos06]. static [CLLG09, FHD+09, HH07a, KAK03a, KOQ04, KOQ08, LKE04, Mar06, PH09, VOD08]. Stationary [DCV+01, GS06a]. Statistical [DC08, DF07, FS01, HGBH03, SFX03, CFM09, FWP09, GT09a, PM07]. Statistics [FH02]. Steady [CYKC01, CAL00, GM01b, MOvL00, PPB09, VG01, VP09b, vBRK01, AM04, BNNP06, BLM04, BE03, CGH05, CC07, CS06, CS07d, CY05, RR09a, FJ09, Geo08, Gla05, GM004, GMS06, HY09, HY11, HLY09, Hub07, ISNY05, NJX08b, PR06, RFVP09, VVS08, WK07, Wen06, XMP07, XSG04, ZKY05, ZL08b]. Steady-State [CYKC01, CGH05, CY05, ISNY05, VVS08, ZL08b]. steady-states [FJ09]. steep [YM07]. steepest [CSMH05]. Stefan [BMR01, BFC04a, CMG09, GF05a, HZ07b, JVV07]. Stellar [MC03]. stellarators [SKK+08]. Stencil [Hix00, DS06a, UPKN09]. Step [BE02, CGP02, Cod01, Gui02, LOK01, MT01, SFY01, AHN09, BBHM09, Bil05, CB03, DT04, Dom08, DBTM08, GSV06, HVAC09, HLX06, ISNY05, KD08, KSGF09, LDW07, LP07b, Nas08, RFVP09, VSG05, ZSW07]. step-flow [HLX06]. steplength [FG04]. Stepping [Hig02, RB02, ZTZ02, BHv06, DR06, DRS08, HR08, HC08, Hig05, KvdVvdV06a, LXM09, LGM18, Mad06, MPFC08, TDGP06, UBRT07, VSH04, YA05]. steps [TZHT04]. sticky [PC08]. Stiff [BJ00, BJ02, CM02, MOvL00, Spo00, VG01, AP09, CPKW09, DP08, DET08, GV06, KKO04, Kro05, MC07c, NZZ06, RE07, Tok06b]. stiffness [HS08c]. Stirred [LLQ+02]. STM [BGR08]. Stochastic [AGT02, AJ09, BDGL05, DGA08, GKO2, Hor02, Kuo07, LKNG01, LRN+02, MNR07, PB01, TX06, WB09b, AS05a, AA07, AA09, AP09, AGT05, AWK07, AGS09, AZ05, AZ06, AKP07, BCK09, BFG07, Cam03, CP03a, CGP05, CP06a, DS03, Dem04, ELVE07, EPW08, GZ07a, GZ07b, GZ08, GZ09, GD06a, JZ08, KM03, KW03, LGP09, LK07, LRS07, LGK06, Liu08, MZ08, MZ09, MT04, NZ05, NL09, PA07a, Re07, Sto07, SL06, TJLT08, WK05, XS09, ZG08]. stochastic- [APR09]. stoichiometric [JVV07]. Stokes [DD03a, AQ09, BQQ09, BCDR06, BS08b, BHR06, BB07a, BACT05, BLM08, BT02, BCK02, BYZ04, Boe05, BT06, BJ09, BT09, BP08, BCS01, BGLN05, CSL08, DC01, DR09a, DIn07, DD09, DB04, Dom08, DD03b, EHST03, EHS+08, FL03, FOLD05, FD07, GH03, GS07, Ge06, GP00a, GSV06, GCNB07, GR08, GS03c, Gr09, GSW00, GK05, HH08, HH01, HCD02, HK08a, HH02b, HLMM07, HS08b, HS08c, HLL08, HC05, IQ08, ILL09, JK00, JL04b, JMC03, KAO5, KE06, KH09, KDK+07, KG08, KAK03, KvdVvdV06a,
KvdVvdV06b, KvRvdVvdV07, KM00, KB01, KS09, KT03, LMN°+09, LOK01, Lee09, LC01, LL04a, LL01b, LFX05, LDPL08, LRZ04, LP07b, Liu09b, LM03b, LMS02, LB04, MPP01, MVD04, MRS09, MM01, MCG08, MSS08, MF00, MG06, ML01, NW07, NZ05, Ni09, Nik06, NMS07]. Stokes
[NGvdWS09, Pai01, PNMK09, PKP01, Pet01, PR03, PR04b, Poon07a, Poon07b, Poz01a, PR06, PG02b, RBH03, RS06a, SML02, SNGAS04, SFE07, SMB09, STZ07, Sotc03, SCN07, SN08, STR07b, SPW°+00, TOZP03, TLK09, TXCD07, TC09a, TS04, TG08, TWS02, VSW04, WRu03, WPH00, WK01b, WS01, XK01, Xu01c, XYL05, YS07a, YJF°+06, ZL08b, ZDN00, dVGLM09, vBRK01]. Stokes/MHD [YS07a]. Stokeslets [ADE°+08]. stopped [Buc05]. storage [CFR04]. strained [RS06b]. strains [SKS08, YH07b]. Strategies [KB00, KLN°+01, KMS02, BB07a, HJFW04, HM08, RMG°+09]. strategy [ÁDIM09, BP09, CL06b, ERVE09, FVE04, GCCD07, GE07, HE07, MMS04, MHE06, VBI03, VBL04, YTT05, dDEK09]. Stratified [CL07a, CL08a, DKSW01, Pai01, Bar04, BM06, DDH05, GBC06, KSH°+06, KSHS08, SE04]. stratosphere [MM09]. Stream [HF00, PEC03, LL04a]. streamer [CN08]. streamers [MHE06]. Streamfunction [Cal02, AKH06, BACFT05, GK05]. streamfunction-velocity [GK05]. Streamfunction-Vorticity [Cal02, AKH06]. streaming [GS06b, LL03b]. Streamline [HF001, MJT06, Yeh07]. streamwise [JOS06]. Strength [RH01b, XDC09]. Stress [HJ02, BS09b, SW04]. stress-velocity [YAvdB°+08]. Stressed [ATV01, LN09, RR06]. stresses [HO03]. stretch [ID04]. stretched [HRvdB07]. Stretching [ACG07, GGRS08]. Stretching-based [ACG07]. Strict [AC00, ACY00]. strides [SROCFF03]. string [CP03b]. strip [ST04]. Strong [GG00, Sun00, DDSV09, DLT09, HP04b, KLL09, KWD07, LP06a, LKY03, dWK07]. strong-field [dWK07]. strong-stability-preserving [KWD07]. Strongly [AK06a, Alb00, LG03b, KKS05, SE04, WK07, YET07]. Structural [AJT04, SW00, LL°+08, LHZ°+07]. Structure [BADG00, CWWZ00, CD00, Cul01, DG00, TR02a, AK07, BN08, BCL07, BG08, G09, GGC09, HB09, HCO9, I04, KKF09, KG05, KKY07, KF06, Kium04b, LZ07, LCG07, LMZ°+08, LH°+07, MC03, MK04b, Pap08, SPT05, SL07a, SM06b, SP05c, SP06a, VTM°+08, WBM09, YMW06, ZFM08, vLPad06, vZDB07]. Structured [DLB°+00, DIO2, EDW00, LMI01, BHS09, CS06L, SLB04, LM03a, MC07b, MCP03, RAB07, TRS09]. structured-grid [CS06L]. Structured/Unstructured [LM01, LM03a, MCP03]. Structures [DS01, GM01a, KM02, WPM°+02b, WZ02, CL07a, CGL06, CdHST08, EZ08b, LG07F05, MR07a, RV0L09, SZB°+07, SZZ03, Z0K4, ZH09]. Studied [vHBB02]. Studies [OS04, RS04, CGSR08, LZO9c, LGK06]. Study [Dar00a, DVC°+01, DP00, LZ04, Lin02, PPCW06, SZ01, BB08, CL07a, CK04, CP05, CM03, DS06b, DLW04, GR08, GLX08, HMR08, IA06a, Kas07, KTD03, LC04, LL08a, MC09, MC06b, NFA03, OCFF08, QKS06, Ren07, SS03a, SJ04, SB06c, SKW05, SCR08, TPV06, VL07, ZK05]. Studying [PA00, Kro01]. sub [BAM07, BAR08, CLTA07, VS07]. sub-cell
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[BAMD07]. sub-diffusion [CLTA07]. sub-linear [BAR08]. sub-wavelength [VS07]. Subband [PA05]. subcell [LS05b]. Subdomain [WPW02, KT05]. subdomains [KT03]. subfilter [LDN04]. Subgrid [AS02, ML01b, AHF04, PM08, VK09, Yeh07]. Subgrid-Scale [AS02, AHF04]. subgridding [VPMC04]. subject [SG03a, VVS08]. subjected [JOS06]. Submarine [DC02, FBNN+08]. Submodels [BW02]. Subsonic [SSD00, SB02, HSQ03, Pro05, Pro07, SBC04]. Subspace [SWTM01, BEPT09, ZSTC06]. substances [NDG05]. substrate [ZDD09]. Substructured [SC01]. Substructuring [Man02]. subsurface [JLT03]. Subdomains [KT03]. Subfilter [LDN04]. Subgrid [AS02, ML01b, AHF04, PM08, VK09, Yeh07]. Super [CR02, AC09, CLL07a, Sar03]. Super-Grid-Scale [CR02, AC09]. super-lattices [CLL07a]. Supercell [FHLK05]. supercells [LCG07]. superconducting [DJ04]. Superconductivity [DDG02]. superconformal [SS08]. Superconvergence [CS08b]. superconvergent [LNXNTX09]. superfluid [LKE04]. superlattices [CBC09]. superlinearly [VSW04, VSW06]. supersonic [BP04a, DGJ03, FL07, MT07a, UPKN09]. Support [MHS01, EZ08a, GG09b]. Support-Operators [MHS01]. supported [Tow07]. suppressed [Bor03]. suppression [Lur07]. supra [MG06]. supra-convergent [MG06]. supralinear [CMG09]. supersersonic [BP04b]. Surface [AINR03, BST01, BK01, CS00, DF00a, GHG01, GKKJW07, JT02, JK02, Nie01, RR06, RR01, RR02, SZ01, Str01b, TCM+00, ZT0Z02, ZCM01, vBRK01, AMH04, AMS04, BMN05, Boy05a, BN09, BGN03, Bur05, CBR05, CS05, Che03, CFGK05, D505a, EE08, EG08, FCD+06, FCGK05, GV08, GT09b, GFR09, GS03b, GCCD07, GAC+09, GR07, GS09d, HS09a, HZ07a, Hir05, JCT07, Kim05, KLW09, LL07, LB03a, LN09, LY04, LF04, MS08a, Ni09, NGC+07, OTC08, PCC03, PN03, Pop09, QP03, RB05, RMF08, SDG07, SE04, SK05, SADK05, SC08b, T09, TW07, WSI08, XMP07, YZ07, YP06, ZKDT07, ZL09]. Surface-Tension-Driven [Str01b, Pop09]. Surfaces [BCOS01, CBM002, CBL01, KKGJL01, ML01a, MS01, BPL06, BHP07, CEC05, CDI09, Chr04, CH08, GH08a, GNNB08, He05, JR03, JR04, JCT07, LZ09a, LKM05, MR07b, Nic09, RGS04, RM08, dSMN+04]. Surfactant [GH01, JL04a, LTH08, XLLZ06, ZEA06]. surfactant-conserving [JL04a]. surfactants [GT09b, MT08]. surrounded [CPR05]. Survey [Ben02, KK04]. suspended [KHT+08, KMS08, VGZ09, VGBZ09]. suspension [AH08, FY07]. Suspensions [JC02, DMHP07, HO06, HMM04, TG06]. sustained [CBC09]. sweeping [CQ06, FLZ09, KOQ04, KOQ08, LSZZ08]. swimmers [HK08b]. swimming [KM08a]. Switch [KMA+01]. Switch-On [KMA+01]. switching [CBH03]. Symbolic [BMDS05, BPS06, CS03, DP00, CS04, MBS03]. Symmetric [DLS+00, GFCK02, HZ02, Mit00, Ver01, BS08a, BPS03, CJR04, JLOT05a, KLSW09, LLS09]. Symmetries [WZ02, KEB+07]. Symmetrized [DS06b]. Symmetry [BPMR08, CRB00, Car01, DH09, VV03, VK09, LW04].
Symmetry-preserving [VV02, Kok09]. Symplectic [Rei00, COR08, HyLL07, JHL09, MGS09, QM02, SHWC07, Tan05a].

Synchronous [MMKP08], Synergia [ASQR06], synthetic [FWP09].

System [AKV00, Ano08-50, FK02, HK01, LP02, MP01a, MP02, MCC02, VQSZ02, Wu02, d00, BSW03, BL04, BP06, BLG+08, CG05, CR09, CBS05, DMBS05, De03a, Del07, Eli03, Eli07, GS05a, GS09a, GG09+09, HK08a, HMMR04, HJM+05, HGB+03, ILL09, JMLZ04, Nat06, NMM+07, Nis07, SM09b, SA09, SVM05, WO05, WO09]. systematic [YC09].

Systems [Ben02, CWWZ00, CPP02, CM02, FM00, GT0D0, HZ02, HR01, HPZ01, KLN+01, KKK02, LSMW02, Mu02, No00, PS02, PO01, RC00, Set01, SC00, AS05a, AGT05, AC09, BCB03, BKS07, BS09b, BTGWvBW07, BP07, CLS+06, CORT09, CG05, CP06a, Cap08c, Cap09, CJ00, CHM08, CP08, DDD05, De04, DK07, DKTT07, ELVE07, Edw06, FVE04, FH008, FHLK05, FT09, GV06, Gu05, HJFW04, HH07b, HM08, Hau08a, Hau08b, HC09, HS09b, Hwa03, HWW07, JRS05, JLOT05a, JHZ+09, JAK05, KDO05, KSHS08, KMM03, Kau03, KCM00, KB08, LZ03, LL03c, LV00b, Liu08, LCM07, LB04, LM+08, Ma06, MM07, MKP08, Mil04, MG07b, MC07b, Moo03, NZ06, NFA03, NZ07, PGB05, PA07a, PDL09, PC06b, PB04, Pro08, RE07, RP08a, RS05, RS09a, RBL04, Ros06, Ros08, RM07]. systems [SS03a, SWB+06, SHS08, Str07a, SG03b, Tan05a, TT05a, TT06a, TT06b, THD09, TDV06, VH06, VTM+08, WZL04, Wen06, XS06, YS07a, YKG04, ZIP06, ZFM08, dSMF09]. Systolic [DHM03].

T [Har04, AMXL09, DZ09a, JHS07]. T-3 [Har04]. T/TM [DZ09a].

Tabulation [HGM01, LP09], tailored [dNWvSD07, dTWD07]. Takizuka [WLC+08], tallies [GM06], tandem [MAL09], tangential [GH08a, ND04, VQLZ04, ZV07], Tank [LLQ+02, CN05], tanks [Fra04, LL08a].

Tapered [Car01], target [HZ07a, MS04]. targets [HS04]. tau [RE07], taxonomy [EH+08]. Taylor [BZ08, CR00, Dar00a, FS06, DFD09a, GGL+01, KB01, LBL08, NCS03, TM05].

TDGL [WA02], TE [ZW05], TE/TM [ZW05], technical [BEA09].

Technique [AA02, BU02, CL02, GG00, HPZ01, KKR01b, MP00, NTY01, NTY02, SML02, SHS02, WLE+00, BGM08, Be08, BP04a, BGN03, CB03, DDK06, FK07a, FM06, GP00, GLLN09, HLL08, LJ+06, LJK09, LKM05, MLK05, MNC03, OTCM08, OK07a, RY09, SG09, SP05a, WZ09, XY05, YZL09, KG09].

Techniques [Ben02, HH01, MM01, MOS+00, Sap00, BS03b, CR08, CRB+08, Dem04, DDC07, HV03, KS08a, LW03, PS07c, SY09b, SP05c, SMSS07, VBJ08a]. telemetry [CO03b], teleportation [DS05]. Telescopic [GK03].

Temperature [EL01, JK02, HS04, KW03, LZ07, LP06a, MDR07, NVD05, Soc03, XHC08]. Temperature-Dependent [EL01, KW03], temperatures [SK08].

Temporal [CV06, GH00, Wec02, DFG09]. Temporally [Nys02]. Tensile [Mon00].

Tension [CS00, JTB02, Nie01, RR02, SZ01, Str01b, BN09].
FCD +06, GV08, GR07, Kim05, LLP07, LF04, Pop09, SAKDJ05. Tensor [BTFY01, CS01a, Edw00, KKCF09, KMHR00, ML01b, KR09b, Lar07, Owe04]. Tensor-Diissivity [ML01b]. Tensorial [PB00, NV09]. tensors [Hua05].

Term [HK00, WK01b, CVB06, DR09, GS06b, JL04b, PPB09, SK04a].

Terms [BJ00, BBR01, HGN00, Xu02b, ZCMI01, ASPB03, BP03, HW08, KD09, KG08, LTZ03, MPFC08, RBT03, SZC09, To07, TE04, TTO05b, Wed06, XS06]. terrain [Ano08-50, SM09b, WS04]. terrain-following [Ano08-50, SM09b, WS04]. Test [HS07b, BZ08, CHM08, DTSC04, GR08, KZ09, SD06, ZRS06]. testing [Hig05]. Tests [BK01, LLIK01a, LLIK01b, MEG02, SPW 00, DLMK04, SD05b].

Tetrahedral [BT02, MGHH00, MP01b, CBH03, DS05a, MP05, VGPL09, YJ06].

tetrahedron [DR06]. tetrahedrons [LJSM08]. Textbook [LDPL08]. Textbook-efficiency [LDPL08]. Their [LP01, Safo0, BZ08, GLMH09, H008b, QS04, Ros08, Tak06, VB08]. theorem [BO09, Tow08]. Theorethic [HSDK00, HSQ03]. Theoretical [Wag05, ZGSD06].

Theories [BTFY01, CLMR08, Chr03, HvHHS05, LM08a]. Theory [AKY01, FS00a, FS00b, HWL08, JTB02, YLD09, AK09, BBBBB08, CXB08, CBC09, CFM09, FHW07, FLE03, GD07b, HMA05, JR03, JR04, JY08, KDF07, Lan04, LS05a, MG07a, PM07, RCT07, SF03, XS08, ZK05].

Thermal [DDG02, GR01, PR00, Sie00, Cho05, DSM09b, EULM09, FHLO08, FBHV05, LC09, LM08c, MC04, MHB08, MELD08, MC09, PSC04, PSW09, So09, TG06, YWC07]. Thermal-Creep [Sie00]. thermally [MY07, RWMK03]. thermo [BZ04, KK03a, KP08]. thermo- [KK03a]. thermo-acoustic [KP08]. thermochemical [KW08b].

thermodynamically [WAO 04]. thermodynamics [MY03].

Thermoelastic [BM01a]. Thermohaline [DOWB01, AT09].

Thermomechanical [SMG09]. thick [LSJA05]. Thickness [G02b]. Thin [CMK +01, DDF01, DK02a, KK00c, TC01a, DJ04, ES03a, HK08, JM07, LSJA05, LHGF05, MC06b, MK04b, MO06, SA06, SRX07]. thin-structure [MK04b]. Thin-Tube [KK00c]. THINC [Yok07]. Third [Boy02a, GST02, RDP07, YC09b, CT09, Fox08, Hub07, ZKDT07].

Third-order [YC09b, CT09, Fox08, ZKDT07]. Third-order-accurate [RDP07]. Thomas [PM00]. Three [AKV00, ART04, BFC04b, BZ09, BCM01, CRB00, CM01, DIL03, DK02a, DOWB01, FVOMY00, FS00a, FS00b, FKK08, HD07, HK01, KPO0, LL00, LTZ02, LK01, LDV08, L000, MC02, NTB07, Pai01, PKKL05, PWS 02, PA07b, Safo0, SHWW00, SJ02, SS07b, Sni01, SS01b, WK01a, YXLF05, YW07, Yua02, ZSP02, ZY02, Avd05, Ak05, AV03, AC05, AMS04, AMZ07, BS04c, BBK07, BHP07, BCI08, CM06, Che04, CCG06, Che07, CFG05, Dim07, DLP08, DLW06, Ehi07, EES09, FNS07, FR0S, FCG05, GG04, GS08, GS09b, GB03, GP04, GWF07, GH02, Gro07, GD06b, HZGB05, HP04a,
HS08a, HLWW04, HLWW06, HWW07, HB05b, IHL03, JVS07, JW03, KKS05, KAK03, KLP+09, LWp+09, Lee03, LZ09c, LDPL08, LT09b, LVW06b, LL08a, MCG08, MRRS05, MSJ07, Moo03, Moo07, MT07b, OLLL03, Pon09].

three

[RB05, RS06b, SCRL08, SCRL09, SG03b, TTZ03, TM05, TXCD07, TT04, TT05a, TC07b, TC09b, TG08, TT05b, TA06, UL06, Wag05, WK04, WW04, XG09, YAvdB+08, YBZ04, YKK08, ZP05, ZH09, ZLAC05, ZT07b, LMS02].

three-body

[SBCL06, SCRL08, SG03b].

Three-Center [Sa00].

Three-Dimensional

[CRB00, CMOV02, DK02a, DOWB01, FV00Y00, FS00a, FS00b, HK01, KP00, LL00, LK01, Lou00, MC02, Pau01, PWS+02, SHWW00, SJ02, Sn01, WK01a, Yua02, ZSP02, YZC02, ART04, BFC04b, DIL03, FKK08, HD07, LDV08, NTB07, PKKL05, PA07b, SS07b, YXL05, YW07, AvdB04, AK05, AC05, AMS04, AMSZ07, BS04c, BBK07, BHP07, BCI+08, Che04, CFGK05, Dim07, DL08, Eli07, FNS07, FRS08, FCKG05, GS00b, GB03, GP04, GWF+07, Gro07, HZGB05, HP04a, HS08a, HWW07, IHL03, KKS05, KAK03, KLP+09, LWp+09, Lee03, LZ09c, LDPL08, LT09b, LVW06b, LL08a, MRRS05, MSJ07, MT07b, OLLL03, Pon09, RB05, SCRL08, TM05, TXCD07, TT04, TT05a, TC07b, TC09b, TG08, TA06, UL06, Wag05, WK04, WW04, XG09, YAvdB+08, YK08, ZP05, ZH09, ZLAC05, ZT07b, LMS02].

three-dimensions

[TTZ03].
	hree-space

[TT05b].

Threshold [ET06].

Thresholding [RM01b, Moo03].

throat [CGH05].

Thuburn [TR07].

Thue [WWVG00].

tilted [DDGS09].

Time

[AGH02, ACS00, BJM02, Bar02b, BKR+01, BS00d, BCVK02, CN05, CM02, DOW08, Dur08, FD03, FKL07, FMD+09, Gen01, GHV00, Gui02, Hig02, Ko00, KDW08, LBV01, LR01a, LP06a, Mad06, MBP00, MT01, MHR08, NU09, Nys02, POS00, PM00, Re00, RTT01, RB02, VG01, VR02, YP01, ZT02, APT09, AKV06, AFGM07, AB07, AK07, AG09, ACLS03, Ata04, Bal08, BBHM09, Bar04, BHH07, BHvdV06, BS05, BH05, CWT00, CJC07, CT08b, CS08b, CL07b, CJ+03, CJ07, CF06, CF06, CVE06, CF08, DDD05, DR06, Den07, DL04, DWLM09, DKS+03, DL08, DGRS08, DDC07, ELVE07, FK07b, FH03, Gab07, GGF03, GH08, GN03, GO04, GK07, GD07b, HS07a, HR08, Han00, HC08, Hig05, HDBW05, HJM+05, Hu07, HGB+03, ISN05, JG09, JMC03, KNo9, KvdV06a].

time

[KvdV06b, KvRvdV07, KCM03, KLM07, KT05, KWD07, KB08, KSG09, LSL08, Lap04, Lnu04, LWG03, LTE07, LP04a, LLL07, LX09, LX07a, LT09a, LCS09, LS09, Liv07, LGM08, LJO7, Low04, LB04, MLS07, MKW04, MY06b, MEL08, MU09, MC07b, MPFC08, MK07, OS04, Ols07, Ols09, OK06c, OK07a, OPM07, PAD07, PH05, PR04b, PMP08, PA07b, RB06, RVDM09, RSS09, RCD05, RR05, RS04, RJ07, RV03, RJ04, SRCF03, SHCW07, SWZ03, SL07b, SC09a, SK08b, SV07, SHPC09, SK06, TZHT04, Ten03, TSB03, TC09, TDGP06, UBR07, VPMC04, VW02, VCG03, VSH04, VS07, Wag05, WGO8, WRu03, WSO4, WC08, YAO5, YZW05, ZSW03, ZSW07, ZYC02, ZYL+06, ZHO9, ZZ09, ZRR00, dSHHM05, dHRvdB07, vZdB07, vdVvdV02, vdVX07, vdV08, HW02].

time-accuracy
[GGF03]. **Time-Accurate** [KC00, LP06a, MY06b, OK07a, RVD09].

**Time-adaptive** [CFP08].

**Time-Dependent** [AGH02, ACS00, Gen01, RTT01, VR02, FD03, FKLY07, AFGM07, ACLS03, Ata04, CJ07, DL04, DKS+03, GN03, GP04, GK07, HDBW05, LWG03, LP04a, LB04, MU09, OPM07, RCD05, SV07, Ten03, WRu03, WS04].

**Time-Domain** [GHV00, Rem00, YP01, Laur04, LT09a, LJ07, MLSD07, MPFC08, PAD07, SHWC07, SWZ03, SL07b, VPMC04, VW02, Wag05, WC08, ZH09, dSHHM05, dHRvdB07, HW02]. **time-evolution** [DDD05].

**time-fractional** [LX07a].

**Time-harmonic** [MHPR08, APT09, AG09, BHNPR07, DLP08, Gab07, GD07b].

**Time-independent** [CN05, CCJ07, CJK+03, Lap04, LTE07].

**Time-Integration** [BKR+01, OS04].

**Time-Line** [Gui02].

**Time-parallel** [FMD+09].

**time-periodic** [MKOW04, vdV08]. **time-resolved** [Bar04].

**Time-reversibility** [DOW08].

**time-reversible** [PH09].

**Time-Scale** [LR01a, VG01]. **time-space** [LS09]. **time-split** [SK08b].

**Time-Splitting** [BJM02, MPB00, HJM+05, KN09, TCN09]. **Time-Stable** [Nys02].

**time-staggered** [SK06]. **Time-Stepping** [Hig02, RB02, ZTZ02, Mad06, DR06, HR08, Hig05, LGM08, MPFC08, VSH04].

**Times** [QS01, Del03b]. **Timesaving** [SMSS07].

**timeseries** [CVE06]. **Timestep** [Car01]. **timestepping** [HSBG05].

**time-steps** [Pet07]. **tissue** [HK08c, KL06, XDB09]. **Title** [Ano00-28, Ano01-28, Ano02-28].

**tokamak** [HHKO08, LL08b]. **tokamaks** [CTS07, LGKP07].

**Tomography** [CBB01, HCG01, BO05, CCT05, FLE03, IKL+08, RR07, TMND07, THN+07].

**tongue** [SP07]. **tool** [ASQR06, FK09b].

**Topology** [Hor02, BGN03, FG07, GPC07, Geo08]. **topological** [BHR04, HK007, VCC03]. **topologies** [KT05].

**topology** [AS05b, AA06, Bey09, LTWW07, LCC+08, LT00, WLKW07, ZL08b].

**topology-preserving** [AS05b].

**Toroidal**

**total** [CT04, CCT05, SLG+03, YMW06]. **total-energy** [SLG+03].

**Tracing** [LM01, LM03a, MJT06, MCP03, THN+07].

**Tracking** [AsI01, CJ07, CS01, JC02, NSC09, SJD2, TNGH02, TB00b, THS07, TBE+01, ZH01, AMS04, BR09b, Che04, DDS09, DFG+06, Fan08, FCD+06, GNNB08, HSL08, KLSW09, LLP07, LS08, LDW07, LLGL07, LHGF05, KM07a, MT08, NT07, PP04, MPM08, QS07, QLS09, SPM03, SB07, SC07, Tel04a, WKB07, ZKDT07, ZEA06, ZL08a]. **tracking/front** [DSMN+04]. **tracking/ghost** [TT09].

**traction** [Liu09b]. **traditional** [Kas07].

**traffic** [LG05, ZSWW03, ZWS06]. **trajectories** [DADD05, MESV09].

**trajectory** [NSS03, TW03].

**Transfer** [BS00b, BW01, DK02b, Gen01, IYT+02, LTK+02, Cha07a, Cha07b, CS03, DL04, DUEB07, FDK06, FKLY07, HL04, HC09, HDBW05, JJGL06, JJGL07, KM03, KN05, LSA06, LCNR07, LR03, MB08, MELD08, MU09, MR07c, MAN+06, PS07c, RW08, ThO04, TFDK04, WHS08, WMH07, YLD09, YSW06].
Transform [BTSM09, AB05a, CdHST08, HSQ03, KOQ08, OLLL03, SB06a, SS06a, WK06, ZGSD06]. transform/potential [HSQ03]. transform/potential-theoretic [HSQ03]. Transformation
[MBM01, DT03, HHMK05, KR09a, SK05, WS04, ZKDT07].
transformation-free [KR09a]. Transformations [Saf02]. Transformed
[EL02, Eli03, Eli07]. Transforms
[SS00, Kry04, VBJ08a, VBJ08b, VB08, WJV07]. Transient
[CMR08, HLS02a, IWEM00, AFGM07, Hag07, JG09, Kwo08, MR07c, NPH09, PKD07, SO08, vOP04].
transients [CGMS03, FF03]. Transition
[BR02, GP00b, DJM05, EKP06, GC06, JOS06, LSL08, LZ04, Liu08, LD09b, Sns06, ZT03, vEB05]. transitional [DS06b, JD04]. Transitions [EKK02].
Translation [GM01c, GD07b]. Transmission
[Wu01, BNV08, BS04a, PSH+08]. Transonic [EAY01, MSJ07]. Transparent
[AST07, DKSW01, FS01, YFS01, dSHHM05]. Transport
[AS03b, AL01, Azo02, Bal02, Cul01, DVO2, DB00, FW07, GHG01, MD04, MGHH00, Nee00, OF02, UH01, ZK01, deM02, AT05a, BP06, BMM07, BCVP09, BES07, BS07, BNPN06, BMDS05, BSP06, BH05, CL03a, CL05, CL08d, CLL+07b, CS04, DMBS05, DGM07, DL03a, DUE07, DC08, FWP09, FH07, GS05a, GS05b, GS08, GC06, GYKL05, GLT07, GL09b, HLF07, HJK008, HF08a, JLT06, JSC08, JN07, KB04, KL06, KAS08, KS08b, LZT09, LRMB08, LFX05, Li08a, LD04, Mac07, MBS03, MNCB09, NSS03, NZ05, OBS09, PA05, PL07, RRC05, Rom07, RF06, Res09, SZ08, STD+05, SCC+03a, SCC+03b, SY08, SXYX09, TX06, TMSW07, TFD06, TA06, UBRT07, WR09, XP04a, XDB09, Yeh07, YE05, ZW07, ZEA06, Zie04, dA04, dEK09, dFL05, DW00]. transport-diffusion [DUE07]. Transport/
Advection [DB00]. transport/reaction [STD+05]. Transportation
[XYY+01]. transported [MJ07]. transpose [JH08]. transverse [LKD04].
Trap [BMS00]. Trap-Assisted [BMS00]. trapped [LMK03]. Traps
[WH00]. Travel [QS01]. traveling [EV03, MJ09a]. travelling [Boy03].
traveltime [TMND07, THN+07]. traveltimes [QL04]. Treating
[SH02, MP07b, WG06, YHCD05, YW07]. Treatment
[CL02, EL02, HK00, LI08b, ML01a, MC00b, ZCMI01, AT05a, CVB06, JLI04b, LI07, LP04b, MY03, PGS05, SB06a, SAK05, TA06, WAO+04, ZJWC08]. treatments [JSC08, KY08]. Tree [BAD00, WPM+02b, COQ06, Pop03].
tree-based [Pop03]. Treecode [LK01, LJK09, Wan04b]. trees
[ARRS09, CMP07]. Triangle [BM01b, GW05, Gir06, Hei05].
Triangle-Based [BM01b, GW05, Gir06]. Triangles [CDPK00, PR04a].
Triangular [HL01, WB01, FD07, GGMN+09, Jar04, KI05, KDW08, LGHD08, LSSV07, LNX07, MJ06, Pon07b, SPM03, YL+06, YJ06].
Triangulated [Car02, KOQ08]. triangulations [CP08]. triaxial [San03].
Trickle [PCC00]. triadiagonal [PSh+08]. tridiagonalization [WR09].
trigonometric [QM03]. Trim [BTSM09]. Trim-to-Coherence [BTSM09].
Triple [FK09a, KKGL01, Liu09c]. Triple-decker [FK09a]. triply
[JCT07]. triply-periodic [JCT07]. troposphere [MM09]. Trotter [MC07a]. Trouble
troubled [BAMD07]. truly [GS03d, LMX+08]. truncation [HNGB04, Yam01, Jon05, KK09, Lap04]. trust [BC08, HE07]. true [HAP06]. truly [GS03d, LMX+08].

Truncation [HNGB04, Yam01, Jon05, KK09, Lap04]. trust [BC08, HE07]. Tryggvason [Khe04]. Tsallis [FH02]. TSFP [Ano04-27]. TSFP-4 [Ano04-27]. tsunami [FNBB+08]. Tube [KP00, KK00c, Sie00, Low05, ZEA06]. tubes [TX06]. tumor [ML05, ML06a].

tuned [HP04b]. tunnel [SSW+07]. tunneling [DG07]. turbid [Bar04].

Turbulence [BRL02, BZB00, FLG01, FSM+01, KP00, LS02c, LP02, Pir02, SLY02, SPW+09, BB09a, BL09c, CP07, CC05, DDH05, DLD08, DS09b, GBB+06, GS09d, HHPW08, HMM05, HM04, JOS06, KMD05, KM08, KA06, Lar09, LDN04, LQ06, MTWW06, MC06a, ML06b, PHW08, SKW03, SCC+03a, SCC+03b, TW07, TMD07, UPKN09, WGRA09, YSO07, YGL05].

Turbulent [EAY01, GMB01, JPMC01, LS02a, MK02b, MPC01, MPC02, PPC00, SS02, TS01, AGW07, BFF08, BIVC07, CRAG07, CMP07, CZ09, DMP08, DDP08, DS09a, DHM07, FE04, Gra06a, Gra06b, HP09, HM05, HO03, IK07, KH09, KHM09, KM06, KM07b, LP06b, ML09, MJ09b, PPD08, Pro05, Pro07, RJ06, SS07a, SJHM09, SFP06, VC03, VV03, XL05, YB06].

TVB [BBCT09]. TVD [GC01, HL04, KT04, PL09b, SPGR06, YL01].

TVD-interpolating [HL04]. Two [AJG01, ART02, ACS00, Bar02b, BM01, BMRS02, BdLL01, BZW01, BH05, CFA01, Cal02, CPT01, Cl00, CD00, DCV+01, EKK02, Eli02, EF02, FT01, FS00a, FS00b, GS02, GW01, Goo01, GP00b, GKL03, HLS06, Hig02, JWSC00, KK00b, KLvB02, KMHR00, LKD04, LG09, LTZ02, Low05, LWEM00, Mai01, MR04, Nys02, ODAF06, OS01, PKvdB00, PS01, RC06, Sa00, Sa02, SWL00, SS04, SP00, TC02, TGB+07, Tow07, VD02, WK01a, WL02, WB01, Xu01a, YSS07, ZYC02, ARES09, AV03, AW04, AT09, AMS03, BT04, BM07, BW07, BH04, CGRGV+04, CA06, CHL06b, CS09, CSL08, CY05, CMR08, CC08b, CDV07, CM07, DMB05, DM03, DD06, DP07, DP08, DCF+08, DSS07, DSS09, DR09b, EGHE06, Eq07, ECL02, Eli03, EES09, EF03, FRS08, FJ09, FHLK05, FCT07]. two [GS09a, GGP06, Gru06, GR07, GD07a, Gui05, HT07, Hel05, HLO08, Her05, Her08, Hig05, HZ07b, HB05a, HT03, HH06, IOTK04, JA08, JBF07, JX06, JN07, KSHS08, KLM05, Kro01, LC04, LLP07, LSD07, LL05, LS05a, LTO9b, LMS08, LTO7, LP04b, LM03b, LHGF05, Ma05, Ma03, Ma04, Ma09b, Mai09a, kM07a, MR06a, MMS04, MR05, MST06, MP03, Men04, ML06b, Mou04, MGBN09, MG05b, MAL09, Nin05, OK05, OKZ07, QA09, QL07, QS07, RMB07, Ram06, RRC05, RMG+09, RMF08, SWK06, SY09a, SS06a, SYC09, SL03, Shy04, Shy06, SNAS03, SxYX09, SS+07, TM07, TOZ03, TTM07, TM05, TP07, Tal08, VVS08, VCG03, VD03, WZL04, Wen09, WO09, YZ07, YTT05, YBZ04, YF09, YE05, ZLAC05, ZHSS09, vBK03, Cap06, JW02].

Two- [FS00a, FS00b, ZYC02, TTZ03, ZLAC05]. Two-Body [Ma01, Ma03, Ma04]. Two-component [SS04]. Two-Density [OS01].

two-diagonal [Tol08]. Two-Dimensional [AJG01, ART02, ACS00, BM01, BMRS02, BDLL01, BZW01, Cal02, CD00,
DCV01, Eli02, Goe00, KK00b, PKvdB00, VD02, WL02, BH05, LKD04, LG09, MR04, ODAF06, RC06, AARRS09, AT09, BTW04, BM07, BH04, CSO09, CY05, DCF+08, DS09b, ECL02, Eli03, FHLK05, GGP06, Gro06, Gui05, HT07, HT03, JX06, JN07, KSHS08, Kro01, LSD07, LS05a, LT09b, LTO07, LP04b, Ma05, Mai09b, Mai09a, MMS04, MST06, MP03, Men04, MGNB09, RRC05, SSND03, SS04, TM07, TOZF03, TM05, TPV07, VVS08, VCD03, VD03, WZL04, YYY05, JW02, Cap06. **Two-Electron** [Sa00, Sa02]. **Two-equation** [ML06b]. **Two-Fluid** [CPT01, HLS06, KLvBvL02, TC02, CDV07, EF03, FJ09, He05, JBF07, QA09, SL03, SH04, vBK03]. **Two-layer** [CGRGV04]. **Two-Level** [Hig02, CSL08, Hig05]. **Two-medium** [QLK07]. **Two-Phase** [CPT01, CL00, EF02, GS02, GW01, GP00b, PS01, SP00, Xu01a, Low05, TGB+07, YSS07, AW04, AMS03, BW07, CA06, CMR08, DM03, DDK06, DP07, DP08, DSS07, EGHE06, FRS08, GR07, GD07a, Her05, Her08, HH06, IOTK04, LL05, LMS08, LM03b, LHH05, Mou04, QS07, RMB07, RMG+09, RMF08, SKW06, SY09a, SS06a, SYC09, SxyWX09, SSS+07, TM07, YZ09, YF09, YF05]. **two-phase/vapour** [BW07]. **two-point** [Eg07]. **Two-Scale** [EK02]. **two-species** [LCB04]. **Two-Sphere** [KMHR00]. **Two-Timescale** [Bar02b]. **Two-Way** [FT01, WK01a, CA00b, GS09a]. **Type** [Gui02, Han00, HT00b, SH01, WH02, AINR03, BP03, BSLN09, CLS05, CS07a, FBB08, GGCC09, He05, Lar07, LG04, LG05, SLwG08, LLOT06, LCS09, Le0b04, NJO9, NF09, PSD09, PL09a, SH04, TD07, Wen07, WF06, XSS07, XLS09a, AT05b, CJ04, JHZ+09, LD04, MN09a, FK03, TB06, HXH07, vBK03]. **Uhlenbeck** [De03a]. **Ultimate** [Ab01, UV04]. **Ultra** [HM02, BH09, BMK+06, HMM07, KQW03a, KQW03b]. **ultra-relativistic** [BH09, KQW03a, KQW03b]. **ultra-violet** [BMK+06]. **Ultra-Weak** [HM02]. **ultrashort** [Sau04]. **Unbounded** [CR02, BHNPR07, BP08, DD03a, DD03b, HZ08, VZSL07]. **Uncertain** [Hor02, EN06]. **uncertainties** [AA07, AA09, LK06]. **Uncertainty** [BPM06, CGH05, CDE06, KG06, LKNG04, Ler06, PDL09, YY06+06, CDI09, DEHL06, LNGK04, LG05, SLwG08, LLOT06, LCS09, Le0b04, NJ09, NF09, PSD09, PL09a, SH04, TD07, Wen07, WF06, XSS07, XLS09a, AT05b, CJ04, JHZ+09, LD04, MN09a, FK03, TB06, HXH07, vBK03]. **under-resolved** [TV08]. **undergoing** [CGD09]. **Underresolved** [CS01b]. **Understanding** [DWC09]. **underwater** [FRS08, KS08a]. **Unequal** [Zhu02]. **uneven** [DL03b]. **unevenly** [Mi05]. **Unidirectional** [dSHH05]. **Unified** [HK01, KA+07, Wu02, Xia04, XAI06, DBTM08, FK09b, Jia07, JX07, LZ04, Mel04, MY03, SW08c, WD07]. **Uniform** [SV00, Cap08a, FCT07, HKG08, Hu05, HSS07, ISN05, KKK03b, LCG07, NVD07, SZ05, STZ07, Tor03, TB04, Vas00, VSW06, YA05, ZIP06, ZT03]. **uniformity** [NVD05]. **Uniformly** [BLM08]. **unifying** [WG09]. **Unit** [VQSZ02, He04, JA08]. **units** [ALT08]. **unity** [GLN06]. **Universe** [BADG00]. **Unlimited** [NT07]. **unmagnetized** [MD04]. **unsaturated**
[LMH07]. **unscented** [IKL+08]. **Unsplit** [Hu01, CCF+05, EB06, GS05b, GS08, LD09a]. **unstable** [AZ05, FCT07, GKE04, KG03]. **Unstaggered** [GHV00]. **unsteady** [CGM07]. **Unsteady** [BMRS02, BMQS02, BCVK02, BL01, BGN03, GSD01, KC00, LHD05, QV01, VC00, WB09b, ZYC02, AM03, BLM04, BCT+08, CTW+08, DTR04, DPNR05, EHD08, GS07, GMA09j, JMC03, KZ04, LDPL08, LF05, LKX04, LGM08, LZH+06, ML+05, MGNB09, NJX08b, Pan06, RDPN07, SC08a, SFE07, SY03, TZ03, TZZL05, TJS03, Tsy03, VBL03, Wan05, WM07, WGS+08, XYK05, You06]. **Unstructured** [BM1b, BW01, DV02, DPCV02, Edw00, HZ07a, HW02, JK00, KO00, MV02, Mav02, ML01a, MD06, MG02, OG0V0, PW00a, Per00, SC01, SMP01, Wan02, WL02, Wan05, WPH00, WB01, ZSP02, ZT02, ZQ080, dS040, AZC05, ABS05b, BFB08, BES07, Ber06b, BS03a, BM07, CKV+07, CDDL09, CS009, CP08, CSKD05, DMS09a, DRM09, DK07, DKT+07, DBT+08, DZ09b, GS09b, HZGB04, HZGB05, HWL08, HV03, HNF07, Her08, HHMK05, JH06, JMC03, JS05, KT03, KT05, KE09, LCH03, LK09, LJW09, LS06, LSSV07, LV06a, LVW06b, LB05, LBL06b, LBL07, LZH+07, Mai09b, MB04, NOG08a, NOG08b, NFX08b, PL09b, PN03, RAD07, RR05, RW05, Ros09, SS05b, SP06a, SP06b, SWL06, TZ03, THD09, TT06, VSW04, VWS+06, WZL04, WL+06, XL09a, XL09b, YJL+06, YA05, ZLAC05]. **Unstructured-Grid** [SMP01, SS05]. **Untangling** [VGS04]. **Update** [Xu02a, updated] [GCCD07]. **upper** [GG09b, MM09, ZK04]. **Upscaling** [DGH08, EPW08, Kou07, Nov04, PC06a]. **upstream** [ST03a]. **Upwind** [CR02, Hwa03, PD01, ST+02, WB01, AD04, BGN03, BL03, Cap05, Cap06, Cap08b, CS09, DE06, IM07, JAK05, K+07, LW04, L09b, LD04, PC04, RS06a, RB09b, SGD03, Ser09, SS09c, SS05c, SB03, WZ03, ZHS+07]. **upwind-biased** [JAK05, PYC04]. **upwinding** [CD03, XD07, ZKDT07, ZR08]. **UR** [Har04]. **Use** [DPRS01, MD02, PS02, TK00, VG02, DTMS06, Die08, GS03c, KFIG06, NLT07, RB06, RBSL06, Ram03, SPLM09, VT+07, WG08]. **used** [KN09, Kau03]. **Useful** [Saf02]. **Using** [AC01, AZ05, BM02, BC02a, BMRS02, BT02, BRL02, Bn00, Bow01, BCM001, CS01a, CB02a, CSV00, CL02, CL00, CB07, DDD05, DH02, GW02, Gos02, HA000, HHL00, HR01, HF00, HPZ01, KMA01, L02a, LB00, LP02, LL+02, MR00, MKM099, PM02, PR01b, RS02, RRL01, Saf02, SS+00, ST01, SJ02, SSD00, TK02, TR02a, TTS01, hRT02, WPH00, Wh00, WHV+00, ZYC02, ZF02, ZKK01, APP+07, AM04, AJT04, ADIM09, AA06, BLS08, BS04a, BBD04, BISO7, BPO07, BG09, BT09, BCRG05, BJ04, CJ04, CW07, CPG04, CR08, CQ004, CM06, CP04a, CCT05, CEL06, DMHP07, DDK06, DK06, DL03c, DL03a, DW09, DS09a, DST07a, ELD08b, EKP07, FT05, FW07, GMD03, GGS09, GWF+07, GJ07, GLL09, GYK05, HPS06a, HZ07a, HB09, HSB05, HK09]. **using** [HS08a, HSZ04, HLF07b, HLS08, HF08b, HMM07, IKL+08, IM05, ISY05, JW09, JS05, KKS05, KW08a, KI09, KK05b, KH07, KLYL07, KZ06, KF06,
using [ZQSD08, ZQ09, dTDI 07, dCNHSD07, vdBG09].

UV-suppressed [Bor03].

Uzawa [BT02, PS07d].

V [LVW06b]. vacuum [CTS07, KSHS08]. valid [CTS07]. Validation [BP08, MHS02, OB06, BT07b, BCM+07, MvW08]. validity [WZ07]. VALIS [SA09]. Value [DKX00, DKK01, KJ01, OKL01, ABLS05, BM05, BS05, Eg07, FF03, Kas07, PSM08, RMGK04, SN06, YH07a, dCNHSD07]. Valued [MF01, JLOT05a, LW07]. valve [vLAvdV06]. Vanishing [KK00a, PSZ09, SS07a]. Vapor [JLCD01, JW02, AMH04, JW03, Sus03]. vaporizing [TMB07].

Variable [Alb00, BR09a, GQ00, SBGK00, Wum04b, AT09, Ber04, BK08, BRP05, CCG08, DBBP08, FG07, Goc08, GS09c, GD05, HyLL07, HL05, IQ08, KKM08, KKS05, KLP+09, LT05, LP06a, MGC06, MDR07, Ni09, OK06a, PS03a, PS07d, RVM07, RVDM09, SD05a, SD05b, SHTB09, TBT+09].

variable- [BRP05]. variable-density [AT09, SD05b]. variable-node [KLP+09]. Variables [AD01, Hu01, BB07b, Hanu08a, Hau08b, IA06b]. variance [DL03a, HH07c, VU04]. variance-conserving [VU04]. variant [GvH06]. variants [JHZ+09]. variates [GL09a, HKM07]. variation [CT04, Kar04]. Variational [BCOS01, DCS00, DL03a, Hua01b, HS03b, HMK02, Lap04, Li08b, MN02, NZ05, WGRA09, AZ06, Aza06, CM06, CCT05, FD05, GD06a, Gra06b, Gra06b, HMM07, JCT07, MS004, WST09, YFLS06, ZHSS09, ZL08b].

variations [Soc03]. various [GMO04, PL07]. Varying [CKS00, AKLMP09, GTMC08, Kou09, TZHT04, VCS04]. Vector [BS01, CSV00, Whi00, BO05, CJ09, DQ04, FWR07, IA06b, JVVS07, LY07a, MB03, OCC08, QA09, RRW05, SR09a, SJ05, ST03a, YHSX07].

Vectorial [GBGM01, FCJ08a]. vectorized [FLE03]. Vectors [VSMW01, AL06, RMB07]. vehicle [ELD08b]. velocities [BFJ03]. Velocity [BRL02, Cui01, DC01, FPK08, MM07, MC07a, MF00, Mes01, BL09b, BHR03, CF09, Car09, CEL06, DBS06, GD07a, GKO5, KM06, KM07b, LY04, MC06b, NMS07, Pap08, PM08, Pon06, SH07a, SLC07, SS05c, Tan08, TG04, WFC09, WS09, YAvdB+08, ZSC07, ZXXQ08]. velocity-estimation [PM08]. Velocity-induced [MM07]. velocity-pressure [NMS07, Pon06]. Velocity-Vorticity [DC01, LY04]. Verification
*Verified* [HPD09]. *Verlet* [MC07a]. *Versatile* [HHC08, MDB+08, NC04]. *Version* [MR01, GH02, GHMP07, LCM07, VMN07, XAI06]. *Versus* [May02, ABHT03, NVD07]. *Vertical* [BRL02, TW05, TR07, FCT07]. *Vertically* [MM09]. *Very* [DZ09b, GSV09, NK08, STZ07, TR02a, DET08, Heu03]. *Very-high-order* [GSV09]. *vesicle* [DLW04, DLW06, ZDD09]. *vesicle-substrate* [ZDD09]. *vesicles* [GFG09, VGZB09, VGBZ09]. *vesicle substrate* [ZDD09]. *vessel* [CGN+07]. *VI* [SWL06]. *via* [AS03b, BHP07, CFM09, Dim07, EE08, ES03b, GS05b, GS08, HS07a, JY08, JM01, KK09, Kry04, LJS08, ML05, NV07, Sur05, TB00a, Tow09a, XK03, ZL04, ZSC07, ZW04]. *Vibration* [SCD00, SZC09]. *vicinity* [KZWY09, LL07, ZSW03]. *victoria* [SM09a]. *violet* [BMK+06]. *Virtual* [FHJK09, GJK09, Lee03]. *Viscoelastic* [PS01, APP+04, BPL06, FD03, FKK08, LC03, MDM03, TdAAP08, TCM05, VC03, VCT09, YSS07, ZYF+06, vOP04]. *viscoplastic* [BZ04]. *Viscosity* [Alb00, CS01a, ELW01, KK00, LP00, SS03b, BL09c, CLG07, CL06a, Cho05, CC04, DL06, JA08, KKS05, KR09b, Mac03, MLM09, Nov04, Owe04, RBH03, RMSB09, Sar03, SS07a, SK04a, TLL+08, VHI06]. *Viscous* [CR00, CR01, CPK02, GPH+01, Hum01, MK08a, PW00b, PW01, PSN00, QV01, RH01b, Sun00, TC01b, WP02, Xu01b, AD08, BL09b, BF08, BT03, CN05, D06a, DND06, FP08a, GXW07, GH09, GGS09, GGF03, GMD07, GGP06, GN07, HEN09, HL07c, HSL08, HLY09, JX06, JX07, KR09a, Kel05, LKP06, LLL07, LKO05, LX07b, LD08, NBLQ09, NJX08a, FK07, PSC+06, PWM06, RW03, SROCDPFF05, SC08a, SZC09, SY03, SL06, SK03, TZ03, TLS05, TLL+08, VGZ09, VGBZ09, VD03, WFC09, WB09b, XH03, XMT05, Xu08, ZKY05]. *Viscous-Plastic* [Hum01]. *Visibility* [TC0+04]. *visible* [BMK+06]. *vision* [FSS03]. *visual* [Asl04b]. *Vlasov* [AV02, BS03a, BLG+08, CDL05, CLES09b, Eli02, Eli03, Eli07, EB06, FBBF00, FSB01, GH03, GSB06, HZ02, HF01, HGB+03, HT07, IKS+09, KB04, MCC02, SG06, SA09, VVM05, VTC+07, WO05, WO09]. *VOF* [AZB09, GPD03, GW01, LGF05, LF04, MZ07, Yok07, ZTZ02]. *VOF-model* [LF04]. *void* [TU04]. *voids* [AIR03]. *Voigt* [CP04]. *Volume* [An00s, An00t, An00u, An00v, An00w, An00x, An00y, An00z, An00-27, An01s, An01t, An01u, An01v, An01w, An01x, An01y, An01z, An01-27, An02s, An02t, An02u, An02v, An02w, An02x, An02y, An02z, An02-27, An03-27, An03-28, An03-29, An03-30, An03-31, An03-32, An03-33, An03-34, An03-35, An04-28, An04-29, An04-30, An04-31, An04-32, An04-33, An04-34, An04-35, An04-36, An05-29, An05-30, An05-31, An05-32, An05-33, An05-34. An05-35, An05-36, An05-37, An06-28, An06-29, An06-30, An06-31, An06-32, An06-33, An06-34, An06-35, An06-36, An07-33, An07-34, AMSZ03, BM01b, CL00a, DKX01, DPCV02, HF00, Her00, HTO06, JM00, KC00, KKC01, KFV+05, KKGL01, LL02, LL01a, LM01, LM03a, LSW08,
Volume
[NTYT02, OGV02, PKP01, PW01, RRL01, RR02, SZ00, SBGK00, SP00, Tol02a, Wan02, WL02, WW00, ZRR00, APTJ+04, APP+07, AZC05, AT05a, AT08, AKLMP09, AKO09, AMS03, BAFL09, BES07, BP03, Bot06, BKLLO4, BLM04, CT09, CCG08, CMSZ09, CX08, CEH09, CSK05, CR09, CZVS04, CFP08, DSM09a, DSM09b, De 04, DBF08, DK07, DKTT07, DET08, DBTM08, Dwi08, Edw06, EZ08a, FCD+06, FMR09, GPC07, GLM07, HBJ08, HJ09, HWL08, HLO08, Her09, IX07, IX09, IDD04, JLO4a, JLT03, JLT06, JLO9, KDK+07, KK09, KSO9, LSB04, LGP09, Lap03, LKT09, LC09, LSV07, LSVO9, LVW06b, LHHF04, LH08a, LMK07, LJT06, LHZ+07, MP07a, MSJ07, MZ07, MGS07, MCP03, MR07c, MT07b, NOG08b, NBLQ09, NPP06, NXS07, NGC07, OK06a, OSK09, PL09b]. Volume
[PS04, PS08, PP04, PSG05, PL07, QM03, RJ06, Rso09, SE09, SJD05, SPM03, SMO3, SS06a, SL07b, Shy06, SMA08, SC09b, SWL06, SR09b, Sus03, TVMR03, TPV07, TT04, TGB+07, Tor03, TA06, TAL09, VL07, VLW07, VBL07, VGPL09, VSW04, VSW06, WZL04, WL06, WTL08, WG09, WA08, XS06, XCRX08, XLP05, XLS09b, YS07c, YS08, ZKDT07, ZHO4, ZZO9, ZLAC05, vDZ06, Lab09]. Volume-ﬁnite [CCG08]. Volume-of-Fluid
[BB04a, Car02, Cor00, CKS00, CMOV02, CP04c, HRV08, KK00c, LK01, MD02, MKM99, Nie01, Nit01, PW00b, PW01, PWS+02, SC08b, WK01a, AIb09, BS08a, CLB08, CWD08, CC08b, EC02, El07, FDD09a, HSC09, LG03a, LG09, MKM04, N GC09, SC09, SDT08, TB06, WG06, YSO07]. vortex-dominated [TB06]. Vortex-in-Cell [CP04c, CWD08]. vortex-induced [SZC09]. Vortex/Impulse [Cor00]. Vortical
[DS01, LK07]. vortices [DJ04]. Vorticity [BRL02, Cal02, Che00b, DC01, IK01, LFS07, MGGH00, MF00, QV01, Tol02a, Tol02b, AKH06, BBvdV06, CL06a, DBS06, Ekd08a, KJ09b, LL04a, LY04, Pon09, PGN08, WFC09]. Vorticity-Based [QV01, Ekd08a]. Vorticity-Divergence [Tol02a, Tol02b]. Vorticity-preserving [LFS07]. Vorticity-Velocity [MF00, DBS06, WFC09]. Vries [CkM07, LGK06, LY06].

Waal [CL01a, GV02]. Waalpress [AC05]. wake [BC08]. wakefield [HDR+06]. walk [FG05, LTLA07, MS04, VSV03]. Wall
[FG02, GGP06, BBW06, CP04c, FPK08, FGP08, GE07, HPD09, IK07, KMI05, KHH09, KDK+07, KAS06, KB06, LQ06, MC06a, NTB07, PPDM08, SKWN03, SFMP06, SN08, Tuct03, MK02b, RId00, RVVL09, Sum00]. Wall-boundary [GE07]. Wall-Bounded
[FG02, CP04c, FPK08, FGP08, HPD09, MC06a, PPDM08, SFMP06]. Wall-driven [GGP06]. wall-function [KAS06]. wall-pressure [KHH09].
walls [TX06, VHI05, ZTPM05]. Wang [Del03a]. WARP [GWF+07]. waste [KP07]. Water [BC01, BST01, Che00a, FR02, Gir00, GHW02, Hor02, LBV00, LBV01, Lay02, LLIK01a, LLIK01b, Tol02a, Tol02b, TTS01, VS02, Xu02b, ZCMI01, AB07, AB05b, BST03, BN04, BES07, BRC+09, BTT08, BB09a, CV06, CHL06a, CL08a, CGRGV+04, Che03, CX08, CL09a, CZV04, DJT05, EKB09, FG07, GPC07, Geo08, GPF03, GW05, GD05, HS09a, HC08, KJ09b, KLM05, LHD05, LG09, LS03, LHZ05, LKW05, LM07, Ma05, MY06a, Mea04, MGNB09, NI03, NPPN06, NX07, ODA06, RAD07, RB09a, SS03a, SHTB09, TOY09, VTT08, WTL08, X05a, XG09, dvVX07].

Wave [AGH00, AGH02, BM01a, BS06a, BZB00, CS01c, CSV00, DF00a, Dur00, ERT02, FT01, GF02, HHCL01, HK02, Kan02, LL00, LMS00, LDL04, LAS01, LWEM00, LH05b, Noe00, Rei00, RTT01, Vay00, Vay01, VR02, Wee02, ZB07, APT09, AK07, At04, BN04, BP09, BPO07, BO09, BG05a, BG09, BS04d, CHL06a, CL08a, CPG04, CC07, CWL08, CHG+07, CL09a, CBI+04, CFG05, DNS08, DS09a, Edw06, EV03, FK09b, FCG05, GS09a, GFS08, Gom08, GO04, GA09, HM08, HLS06, HPS+06b, Jan08, JW06, KFH+04, KFIG06, KS06, KT06, KFV+05, Lau04, LP07a, LZ03, LG03b, LG04, LS09, MA05, MN06, MI08, Pir07, PSG05, RBL04, Ros06, SDD07, SK05, Sh06, SD06, TET09, Th03, Thu08a, TC07b, TC09b, VWW04, Vo04b, WA07, X05a, Y09, ZH09, Zhe07, dHRvdB07]. wave-body [Y09]. wave-capturing [Edw06]. wave-current [SK05]. Wave-Propagation [BM01a, Noe00, HM08, Shy06, Vo04b]. wavefield [BST03]. wavefields [BC04]. waveform [CS05]. Wavefronts [RMO00, Che07]. wavefunctions [Boy04, NG06a]. Waveguide [PR01b, BB04, HF03]. Waveguides [CdHST08, TB00a, FCJ08a]. wavelength [VS07]. Wavelet [FHL05, HK02, PR01b, VB00, AK06, BLG+08, FH03, KDK+07, MK08b, NG06a, VK05a]. Wavelet-Based [HK02, PR01b]. wavelet-MRA-based [BLG+08]. Wavenumber [KL08, TK00, CC04]. Wavenumber-extended [KL08]. Waves [BST01, Bla00, Boy02b, DF00a, Gua00, MN02, OB02, PC02, SSC00, VCP00, Vay02, WPM02a, WC01, Wu02, AK06b, AM05, BAR08, BFJ03, BWLM09, BC04, Boy03, CF06a, CLMRP08, CS05, CDS04, Dur08, EV03, EKB09, Fan08, FCT07, FG07, Gab07, GB08a, GN03, GP04, GS09d, HS09a, JY08, Kas07, LY07b, LM08a, LDL04, LP04b, MY06a, MLF06, NB04, SB06b, SM05, S09, Wan05, XG09, YM07, Yan08, dvVX07]. wavy [GMD03]. Way [FT01, FS00, SY01, WK01a, CC08b, GS09a]. ways [BZ09]. Weak [AG01, BMQ02, DF00a, HMK02, KB01, PKvdB00, CP03a, HMM07, KT03]. waveform [LNXNTX09]. weakly [LMX+08, SE04]. weather [Lyn08, MS08b, SK08b, SW08c]. wedge [ODAF06]. weight [MS03]. Weighted [AL01, Azm02, BS00a, BK07, DZ00, MS01, SK08a, SM04, WC01, Ys06, BC08, CB07, HAP05, KLL09, LC04, NF09, TWM07, ZSW03, ZWS06, ZJS08]. Weighted-Difference [Azm02]. Weighting [Ver01]. Weights [SHS02]. Well [BES07, BKLL04, LM07, NPP06, Xu02b, AB05b, GPC07, LL09, Meh04, NX07, Rah04, RF06, WYS07, XS06].
Well-Balanced [Xu02b, BES07, LMNK07, NPPN06, AB05b, GPC07, NXS07, RF06, WSYS09, XS06], well-conditioned [ILL09], well-posed [Meh04, Rah04], wells [JL09], Wendroff [LCS09]. WENO [Bal09, BRDM09, BK07, CVB06, Cap08a, Cap08b, CGMS03, CGMS06, CHB09, CS06, CS07d, CD07, CZJS04, GS06a, GR04, HP04b, HLY09, JD09, JC06b, KK05b, LSD07, LBL07, MTW06, NJX08a, NXS07, Pir02, QS02, QS04, QS05, RLaZ03, SHS02, SZS03, TT04, TB04, VS02, YCZ04, XS05a, XS06, XS05c, XL09a, YC09a, YC09b, Z09, ZQSD08, GSV09].

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