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Title word cross-reference

(1 + 1) [SP18a]. (2 + 1)D [HP14]. (MC)³ [KSW15]. 1
[CC14, G1o14a, HTT13, HTT14, MGL13, PM16, RKVL14, SBH+14, WNYP17].
1 + 1 [Fan19, SOÖN11]. 1/2 [HvWT17]. 1/t [AM17]. 2
[APC+14, BBB17b, BVP10, DLM18, EW14a, FJK+17, FK12, GCVA14b,
Gwi12, Ixa10, JCL+18, KO14b, KO16, RAV11, SW14a, SW14b, SA15b,
SKK11, SW11, TMA+15, TY10, TKL+12, TPC16, VLM11, WMRR17,
WRMR19, YLKN17, YTya17, ZSW+17a]. 3
[AV13, AGMS15, BAR12b, CP15a, CPCDdM18, CDLOL19, DGG13, FLZ+18,
FRFH10, GS15, Gau17, GMF+17, Gia19, GG16, GX15, HKJ+12, HDM+12,
JEC+12, JCL+18, JKIS16, KAK12, KL11, KO14b, KO16, KMJS16, LHJZ10,
LHC+13, LX14, LWK11, LBP15, MGO13, MCP+11, NHD16, NCB18, PR10,
PCGM14, QSC14, Qia17, RF15, RS12, RJLL16, RHBH15a, RHBH15b,
TGH+16, TIM+16, WNYP17, ZXL16, ZZD+16, ZSW+17a, ZFR18]. 3 + 1

/Python [SV14].

1 [BRH+16, TU14]. 1-loop [DNPS13]. 1.0
[FYK18, KP+17, RVDS16, SHW18, SNG+11]. 1.1
[LS15a, MSHL17, SRS+18]. 1.2 [CGV13]. 1.4 [Wie15]. 1/2
[Nat10, Ram10, Ras17, Wu10]. 181 [ERS10c]. 182 [SGM11a, Sco13]. 183
[YQM14]. 184 [LR16, SIMGCP14, ZTG14]. 186 [KYKN15a]. 187
[RBBH15a].

2 [AMR+18, CKFB12, DLU18, DDK+17, DES+11, Fen16, FP14, HD17, HM12c, JNN13, LS17b, dRL11, dRAPL11, dRLJ14, PGD17, PR12, RSBB14, TBB+14, ZE16, Cro16]. 2.0
[AFIS12, ACD+14b, ABH+18, BCH13, BHS15, DDKM15, GLPQ11, GBR+14, HEPW13, HHS+10, Liu15a, LRR+15, LCRL10, OG14, PSMS14, Pat17, PBL+18, RDVS18, Szy+12, Szy+13, Sha16]. 2.0-Hybrid [GBR+14]. 2.0.0
[BBH+11a]. 2.0.2 [VRV18]. 2.1
[BH13, CNMC10a, PSMS15, QGLP13, Szy+13, YZCS18]. 2.2

3 [CZ17, GLR17, LS17a, NGS+13, Smm14, vH10]. 3-state [MEG12]. 3.0
[BHJ+15, CXH+15, CK19, GCVA14a, LHWL16]. 3.1 [PS12]. 3.2
[Sem16, Sta13]. 3.4 [BCP13]. 39 [AANAJ12, MSNI11]. 3C [Dan17]. 3
[Fos18]. 3V [CC14].

4 [EJG+19, Gri10, Sta14]. 4.0 [KUVV13, O155b]. 4.1 [KRW13]. 4.5
[CBYG18]. 4OEC [SK15].

5 [CFS13].

6 [Nik12b]. 6.4 [KRW13]. 6.5 [KRW13]. 64-bit [TC11a].

70th [Pat12]. 77 [GH18].

8.2 [SAC+15].
9 [Nik12b]. 9.0 [SMO16a]. 90 [GST12, KS12, SSG+10, SSG+18, SS10a]. 95 [vH10].

= [LQZ+13].

addition [GB14]. additional [GDB10, OTC14]. additive
[MIW+12]. address [BY17]. ADER [FDZ17, QWZW18]. adhesion
[MS11, ZFBR11]. adhesive [RU12]. ADI
[KRB15, SA15b, SL14, TY10, Tia11, ZFH14]. Adiabatic
[YW17, VKS11, GCVA14a, HM17]. adjacent [NDSH18].
adjacent-rolling-windows [NDSH18]. joined [GCVA14b]. joint
[GHR+16, VKS16]. admission [VPVMH+17]. ADS [LWP+17]. adsorbed
[SH16]. Adsorption [MBJ11, VB11, EY11]. Advanced
[LBR+18, SLR+11, Ano11a, BKM11, CXH+15, PVH+17, Tan19, WGVPL17].
Advances [SMC+17]. advantages [RFSF18]. ADVANTG [BL18b].
advection [CYN19, JL10, MMA15, PSB11, PSBT12, WFV14, dTOV18].
advection-diffusion [WFV14, dTOV18]. advection-dispersion
[JL10, PSB11, PSBT12]. AELAS [ZI17a]. aerodynamic [ZS13]. aerosol
[ZPS+18]. Afivo [TE18]. AFMPB
[LCHM10, LCHM13, ZFH+15]. Africa [Che11]. Afterlive [KSS18].
aggregate [MS11]. aggregates [HCRD14, RU13, Van15]. aggregation
[Bis15, MSL18, WXW14, XLCW14, BR11, KdMV14, LX14].
aggregation-fragmentation [MST+18]. aided [FLW17, Zhe15]. Air
[MSML10, BTC+17, BG14b, KRB15]. Airy [JL12]. AirLet [HV15]. Al
[TMA+15]. alanine [PSMS14, PSMS15]. ALARIC [VSG18]. ALCBEAM
[BRL12]. Alfvén [BF10, HSK+12, TJH17]. AlGaN [YSN+14]. AlGaX
[AM14b]. algebra
[ABB+16, AG14, APV10, Bor14, Gio18, GNT17, MFS10b, MZE13].
Algebraic
[JZJ18, CM10b, FLW17, GLZ17, Kap12a, Kap12b, NS15, SS10b, WR16].
algebras [Eks11, FK15, HR11, Naz12]. Algorithm
[BR11, VRV15, VRV18, Wan10b, ART17, Alv12, AZM14, AM17, AFZ17, AFZ18, BK13a, BWB+17, BJCW13, BR13, BVC13, BCM+16, BO12, BNO17, Bru13, BY17, BMDC19, CM10a, CHNS18, CN15, CWY+17, CXG+19, CDS+13b, CGRB14, CBGY17, CBAM12, CLF18, DSKG16, DE13, DG10c, DG16, EZL+16, Eme11, ES11, FLA+16, FSJ+16, FRG12, FZ16, FKH15, GCF+17, GJ18a, GLB12, GST12, GV15, GZW17, GTH11, GD14, GES13, GLX+14, GX15, GJ18b, Gw12, HGCARM15, HWT10, HK15, HCH16, HP11, HZW+16, Jab12, Jah13, JWJL12, JWCL12, JWM+18, JvOK17, JJ15, JPK+12, JKX+18, KP12a, KBB+17, KO12, KO13, KO14b, Kom15a, Kom15b, Kom15c, KO16, KVV11, KSW15, KLI1, KLI2, Lec18, LKA+16, LM12, LHH+12a, Liu14, LZ11a, LZ11b, LYZ13, LTP16, Lya15, LOSZ13, MM17, MGO13, MPM14, MH11]. algorithm
[MGS13, MEM+11, MC10, MTO15, NBN+14, Nem16, OL12, OOK+12, OCM+19, PH13, PSB11, PDRG10, PP13, PYW+14, PR10, PG17, QwWL+15, Ray10, RU13, Rom15, RW11, SGML11a, SMG11b, SCB+17a, SCB+19, SG15, SWL+15, SPS10, Sin12b, SKK11, SQA+15, SOJ14, Stel17, TTT16, TIM+16, UW12, Urb18, US16, VSG18, VVAV+11b, VLL+17,
VGM+15, WP11, WRFS15, WWHW14, Wei12, WRvdL15, XWhZ13, YZZ+17, YvOSM15, YLYL17, ZKG+18, ZZH18, ZCC19, Zhe15, ZMJ13, Zou18, vRWS14, Cho11, KS16a, SKH+10, YKS11. Algorithmic [HB12, Mey18, GHR+16].

Algorithm [Fri14a, KD17, KBLJ18, Pan15, TK14a, BS14a, BK11b, BAF18, CWJ19, CLH+17, CCW10, CR12, CF17, CLB11, DS11a, DS14, Dim14, DS13c, FDWC12, Fri10, FHA17, GBR+14, GF16, GCHL15, GSC+16, Has11, HLLH16, Hon11, HYMR10, HCSW10, JPH+14, KK17, KME+11, LBM+14, LJY10, Mag18, MEG12, MD11b, MA11, PBS+17, Vuk12, WG11, ZHC16, dSF18].

Alias [SKSK13]. aligned [HO13, HWS16, LDR+17].

alignment [BKM11, SJY18]. alkali [SPAW17].

All-electron [KCA+15, ONS+15, AKZ+13, JGAL+13, LRW+15, RCGT16]. all-optical [PM14].

all-to-all [EPS15]. Allen [KL17, LK12, ZFH14].

alloy [AM14b, CHDCJA17, NS11b, PE17, ZZH+16]. alloys [AM14b, CHDCJA17, NS11b, PE17, ZZH+16].

almaBTE [CVK+17].

ALPHA [dALM+12]. along [McM17]. Alpgen [CUL+17]. Alphen [RJ12].

ALPS [DBK+14, GAC+17]. alteration [SVG10]. AlterBNN [Arb12].

Alternating [Sok13, SPP19, XZ12, BD11, LST15, TT14, XYK12]. alternating-direction-implicit [TT14]. Alternating-order [Sok13].

Alternative [ADdM17, Arb12, BKA+14, CLF18, KAR+15, SPP19]. altruistic [HLS12]. Am [MSN11]. AMBER [NBW16]. Amdahl [JAS17].


Amplitude [Raw15, BT17b, MPSV15, Raw16]. Amplitudes [DLU18, BBU11, BVH15, Kvd011, Per14, dALM+12, ADH+17]. AMR [GX15, TE18, ZKG+18]. analog [CO11, Fer15]. analyser [LW11, LW13].

analyses [Ham11, KSTR15, SUS+17a, WLM14]. analysing [BPMS16].

Analysis [BBB+15, Car10a, CAN11, GdGB+18, GES13, IB11, SLLP17, US18, WHB16, vdSM16, AAA+16, ÅSS18, ASE14, AS11b, AMR15, Ano11o, ADdM+12b, ACddM14, APC+14, BPH+16, BKN+17, BHH+10, BBH+15, CSCI11, Car10b, CMRVVR+14, CF16, CPW17, CZL+11, DRR16, DGPO18, EBCB+14, EBDM17, EW14b, EW16, FAw10, FF11, FNPMB10, FBN+13, FR17, GWA+17, GMRHCM13, GMPFC+14, GMC18, Gio14b, GIO19, GHBL18, GA13, GBJ+10, GBJ+12, GBJ+13, GFJ+14, GAO13b, Hak16, HCE16, HJL+14, JuIAM16, JCW+13, KPK11, KYKN15a, KYKN15b, Lev19, LS16, LHVL16, LRR+15, LW+17, MMO+10, MLW+10, ME18, MB12, ML14, MPS15, NEW+18, Nov17, oste10, dRJL14, OVS11, PCVZ11, PCH+17, PM14, Ram10, RRCSCJ10, RV10, Ruf13, RWKS15, SAA+10, iSYS12, Ser10, Shal3a, SLC11, Sin11, Sin12a, SUS+17a, TRM+12, TBo12, TBo11, U12].

analysis [VV16, WHL+12, WLS13, JS16, Yei10, GGF+13]. Analytic [BK13b, NS10, AC15, AC16, AC18, HSF+19, Kau13, LLG17, LLL12, LLL13, LYL+17, PSB11, PSBT12, Pat15, Pat17, Ser10, THDS16, WAHL13].
[GXF+15, FFT+14, UBRT10]. **ATAT** [CSPAD10]. **ATI** [Den11]. **ATLAS** [dAFdSVM12, MSS+16, DBD+17]. **atmospheres** [HTT13, HTT14].

**atmospheric**

[BCMS10, BB12, CHH+11, KHBS19, LHH+12a, MFH+13, RDN+17, WW15]. **atmospheric-pressure** [CHH+11, LHH+12a]. **Atom**

[Jav17, BH17, CYD11, DFM+15, Duf16, FZY17, KCA+15, LRW+15, LH11, RGKR17, SGSG19, TT11, XLX+15]. **atom-centered** [KCA+15, LRW+15].

**Atomic**

[LA13, AT14, BDD13, BLS+14, DPH15, DR15, Duf16, FZY17, KCA+15, LRW+15, MG16, MP15, PBMAD12, THJ+10, YLO13, JTH14]. **atomic-molecular** [JWL13]. **atomistic**

[AZ17a, AZ17b, BSC+13, CHDCJA17, CL13, DZ15, EBCB14, EBCBG17, GC12, HHP+16, KK13, KP16, LFKD18, LZ18, RPL+14, THDS16, Voy13, WW15]. **atomistic-continuum** [CL13, GC12, KK13].

**atoms**

[AKV18, BH14a, BH14b, BRH+16, GJ18a, Kob13, Lit13, MCA17, MGB18, SLK19, SPAW17, WL11b, ZZ15]. **Atoms**

[Hir15]. **ATOR** [CKFB12]. **ATSP2K** [BSGG10]. **ATSP2K-package** [BSGG10]. **attached** [SCNJ18].

**attempt**

[GM18]. **ATUS** [MGL16]. **Augmented**

[RCGT16, AM14b, CKT17, CSPAD10, DKSG16, DA16, JGAL+13, KAW+10, PBMA12, THJ+10, YLO13, JTH14]. **Augmented-Wave**

[RCGT16, JTH14]. **auto deriv** [SF10]. **autocorrelations** [CDS+13].

**AutoDipole** [HMU10]. **automata** [FBG10, PC11]. **Automated**

[AC13, BSWC14, HBP+15, HMU10, JC13, JC14, KHKR14, KH10, Per14, SPMM11, YFAT17, HR11, HKVR10, UWI2, ZSW+17a]. **Automatic**

[CF16, DAW+19, Deg15, GAGW16, LV13, LHWL16, MV11, MO14, RC11, Sta11, ZZ17a, dALM+12, CL15a, CD15, Cha16, DZ15, Gio18, Kol14, Kol15, LLQX19, Liu15b, OK10, Ros16, Sem16, Sha13b, SF10, VKS16, Wie15, XWHZ13, YB13, ZPH+15, Zlo13, ZUT13, vH10]. **automation**

[GBS+16a, GHBvSF14]. **automatized** [Str15]. **Automatizing** [TdAdSS11]. **automaton** [FGC+11, JEFP14]. **autonomous** [Bla15, BCT17].

**autostructure** [Bad11]. **auxiliary** [GA15, JBMK15]. **auxiliary-field** [GA15]. **available** [Cip13]. **avalanches** [VKLM11]. **average** [SGSG19]. **averaged** [KQYH17]. **averages** [LP15, Wan16]. **averaging**

[KFS17, Koh15, MMO+17, WHB16]. **avoiding** [SBB13]. **AVX** [GBS16b]. **AWESoMe** [MSHL15, MSHL17]. **axes** [BDD11, CNMC10a, CNMC10b]. **axial** [RS12, Sza13b, Sza13a]. **axial-symmetric** [Sza13b, Sza13a]. **Axially**

[PST+17, SSK+13, MCP10]. **axially-symmetric** [MCP10]. **axis**

[CLWI11, JTP15, SMDONF14]. **axis-symmetric** [CLWI11]. **axisymmetric**

[EW16, FUK17, KB15a, KKR16, LC15]. **azimuth** [LWZ14]. **Azurite** [GLZ17].

**B**

[CHW+15, HM17, LQZ+13, BH16, BSC+13, Fis11, JiW15b, LD10b, LX12, RHC15, RCH16, ZF16]. **B-DNA** [BSC+13]. **B-spline**

[BH16, Fis11, JiW15b, LD10b, LX12, ZF16]. **B-splines** [RHC15, RCH16].
BACHSCORE [SZC+13], back [KSY+13], back [LL15], backflow [MBG+15], background [KOT12, LCR+10], Bäcklund [MCY14], Backward [NBL+18, VEM12], bacteria [AD11], BADGER [HM12a], Bailey [BJC+13, BJW13], BAL [LS16], balanced [EZA16, OCF10, STA18], balancing [BS+15b, EDP+19, FRG12, FN17, GMF+17, SSK13], ballistic [KLKR11], balls [BHH+10, BBH+15], bamboo [VLM11], band [CGR+14, GBP13, HC16, LOK+16, LHSL14, MD10a, MCY15, QDZ+13, RJ+12, SW13a, SCG11, Zlo13], band-gap [MD10a, SW13a], bandstructure [DSLP11], bandwidth [CSV+18], Bank [DPK+15], Baoukina [BL18a], Barnes [WSH+12], barrier [CHC+11, DT11b, Raw16], barriers [Den10], baryon [DE13, LCL+11, Nem16], baryons [CWW10, WW13], BASDet [WG16a], based [AGB+15, BLPP13, BD12, BCJW13, BDK10, BH17, BALV16, BLS17, BK12, BRL12, BPM+14, BHT19, BDBV12, BAR12b, BMW14, Boe14, BO12, BFS+16, BCG+15, BC11, BS12, BKK13, BM14, BK15, BK16b, CM10b, CCL18, Cap13, CMVRB+14, CSP+10, CC16, CGSB18, CMJ+11, CDL+12, CKH11, CAGL13, CDR+15, DBMR11, DSH17, DG10b, DM17, DDI15, DBLM16, DSP+10, ELSD14, EBDM17, ERM18, ESM+17, FGC+11, FWS+17, FZY17, FAY17, Fu19, GL17, GJ18a, GLX+14, GI18b, GNT17, HLL13, HOF15, HPKF15, HWT10, HS16, HLD13, HKVR10, HM17, HI+11, IKS19, ICPD16, JPCG15, JEC+11, rJICY11, JGAL+13, JTP15, KK13, KC18, KK14b, KK14a, KH1+18, KO14a, KSH14, KM17, KO12, KO13, Kom15a, Kom15b, KLV15, KPS15, Krah18b, KMA+12, LCC13, LJE11, LFG14], based [LN+16, LYY+17, LO14, Liu13, LH18, LY16, LWRQ16, LNP+17, MGL16, MB12, MKR+12, MW14, MNW+17, NPAD11, NDS+18, NAQ16, ON14, OLG+16, Oti13, OT11, OAKS11, OY13, PP13, PFK19, PG17, PKR16, RCGT16, RC13, RC16, RB18, RH17, SVGS18, SAA+10, SC14, Sha18, Shal3a, SCR17, SXS14, Sit18, SZM+14, SHL+11, SK10, SGSG19, TGH+16, TMD11, TB14, TDL+14, UW12, VPK14, VGS17, VDJ+11, VPP+12, WP10a, WLS13, WY19, WSH+14, WBS+18, Wit14, XLL15, Zag14, ZAFAM16, ZL1P17, ZSW+17b, ZHC16, ZS13, Zhe15, Zlo13, Cho11], bases [GLZ17], Basic [GFB+10], Basics [CB15a, CB17], basis [Cor14, DM17, FM12, GYW+10, JH15, JGD12, KAK12, LRW+15, MCG15, Mey18, MBFB13, MK10, MCGR11, MAM14, ONS+15, PZY16, PVK+18, PSL+17, Pit12, PVK+14a, PVK+14b, Pra17, RCGT16, Ray10, RHC15, RCH16, RLM13, SDM+12, SDS+17, SD10b, SSK+13, ZDHY10, ZDWM17], basis-set [MBFB13], bath [Fri10], baths [DS13b], bathymetry [STA18], Bayesian [AMR15, BPS16, CRB+17, KZ14, WG16a, ZHL11], BBN [Arb12], BCC [HH17], BCS [RHBH15a, RHBH15b], BCVEG [WW12], BCVEG2.2 [CW15], Be [MSN11], beam [BRL12, BKN+17, KPA+19, KK17, OKP10, PR14, PBL+18, QL10, TSK16, ZPV16], beam-based [BRL12], Beamlet [AGB+15], Beamlet-based [AGB+15].
Ano14d, Ano15b, Ano15c, Ano15d, Ano15e, Ano15f, Ano15g, Ano15h, Ano15i, Ano15j, Ano15k, Ano15l, Ano15m, Ano15n, Ano15o, Ano15p, Ano15q, Ano15r, Ano15s, Ano15t, Ano15u, Ano15v, Ano15w, Ano15x, Ano15y, Ano15z, Ano16b, Ano16c, Ano16d, Ano16e, Ano16f, Ano16g, Ano16h, Ano16i, Ano16j, Ano16k, Ano16l, Ano17a, Ano17b, Ano17c, Ano17d, Ano17e, Ano17f, Ano17g, Ano17h, Ano17i, Ano17j, Ano17k].

Board [Ano17l, Ano18a, Ano18b, Ano18c, Ano18d, Ano18f, Ano18g, Ano18h, Ano18i, Ano18j, Ano18k, Ano18l, Ano19a, Ano19b, Ano19c, Ano19d, Ano19e, Ano19f, Ano19g, Ano19h, Ano19i, Ano19j, Ano19k, Ano19l, Ano19m, Ano19n, Ano19o, Ano19p, Ano19q, Ano19r, Ano19s, Ano19t, Ano19u, Ano19v, Ano19w, Ano19x, Ano19y, Ano19z, Ano20a, Ano20b, Ano20c, Ano20d, Ano20e, Ano20f, Ano20g, Ano20h, Ano20i, Ano20j, Ano20k, Ano20l, Ano20m, Ano20n, Ano20o, Ano20p, Ano20q, Ano20r, Ano20s, Ano20t, Ano20u, Ano20v, Ano20w, Ano20x, Ano20y, Ano20z, Ano21a, Ano21b, Ano21c, Ano21d, Ano21e, Ano21f, Ano21g, Ano21h, Ano21i, Ano21j, Ano21k, Ano21l, Ano21m, Ano21n, Ano21o, Ano21p, Ano21q, Ano21r, Ano21s, Ano21t, Ano21u, Ano21v, Ano21w, Ano21x, Ano21y, Ano21z, Ano22a, Ano22b, Ano22c].

bodies [MNV13].

Body [GBJ+13, GBJ+15, BBC+13b, BY13, BRH+16, CDS13a, CKS10, EKO16, FCVH17, FEH11, GBJ+10, GBJ+12, GBJF14, HEF12, HIZ+13, Ix16, JW18, JWM+18, JOK13, JGO12, KPA13, KPST15, KHN19, LDD14, MB13, MTT13, MBFD12, NPAG11, PMMW15, PKRS16, PIN11, RC11, VvAV+11b, WZHE18, WSH+12, XMLC16, ZC12].

Bogoliubov [SP18a, SSK+13].

Bogolyubov [PSL+17, SDM+12, SDS+17].

BOINC [GHD10].

Boltzmann [Asi10, BBB+17a, BNS17, BO12, CVK+17, CY19, CAN11, CB16b, DCU+19, FGG11, FK15, GTSL+13, GJ13, HLS+17, HCSW10, JK14, JEP14, LCM14, LCM10, LCM13, MOD13, MR14, Maz13, STA18, S14, SSF+17, SD14, SD10a, TS19, TD17, WU11, ZK+18, ZCG17, vdS10, vdS13, vdSM16].

Boltzmann-cellular [JEFP14].

Boltzmann/finite [CRA10].

BoltzTraP2 [MCV18].

BoltzWann [PVK+14a, PVK+14b].

bond [CM15, HS+19, MH11, THDS16, WDR16, XZ12].

bond-order [HS+19, THDS16].

bonded [BL14, Fw10, GTWL12].

bonding [Sva12].

Boost [Ein16b].

Boosting [BL18a, dJBIM16].

Boris [Ume18].

boron [HW12, Yan11].

borrow [Sib17].

Borwein [BC13, BCJW13].

Bose [CCW10, GM14, Hoh14a, JWC13, JLW13, LCC11, MT13, TM17, US16, VBMS17, WX11, WX14].

boson [BGM+14, Bra15, Cas12, DDKM15, EMW19, KKS18, OK12, QW15].

bosonic [ZBG+16].

both [ACdM19].

bottle [HP11].

bottle-brush [HP11].

bottom [HL13].

bottom-quark [HL13].

bounce [KQYH17].

bounces [GLAC13].

Bound [Ela13, LB13, KL11b, DT11b, LV13, SAW18, XJS16].

bound-state [SAW18].

boundaries [ADdM+12b, CdLOL19, DV11, FJK+17, HSD17, KSH11, KS16a, LFKD18, NVW+13].

Boundary [KSW16a, KPP13, WLU11, YZ16, BMH17, CCHL11, CS10, CBB14, DG10a, DS13c, DGG13, FBHB17, GJ13, GN14, Ham11, HSD17, Hon10, JYPA18, Ji15b, LX12, LW14, LXR+18, LQ18, LS13, MRL18, MR13, N16, NPM16, NCB18, PN15, PS11, PLC12, Qia17, Ras09, Ras17, RC13, RC16, RHH12, R10, STA18, SP18a, SCNJ18, SN16, SK14, Uty14, Wan16, Wil19, YS17, ZW17, ZLL13, vdS13].

boundary-layer [Ras09, Ras17].

boundary/cut-cell [NCB18].

bounded [MRVF13, ZPS+18].

boundedness [MD11a].

bounding [WP11].

Bounds [TK14b, BH+10, BB+11a].

Boussinesq [MA11, SD10b, TL17, YZ16].

Boussinesq-type [TL17].

BOUT [LXR+18].

box [Gun19, GES13, JLW13, SOPS12, WP11, YD12].

box-counting [GES13].

brachytherapy [CCY18].

brackets

Bremsstrahlung [Pos18, Eme11]. bridges [BALV16].


BREMS [Pos18]. Bruenn [FMRP16]. bridges [BALV16].


bulk [KSL+11]. bundled [CSL+13]. Burgers’ [Sta11, TS11, Ver16, VVB+12, Vuk12, YSVM+16, HFSK12].

C # [GBJ+10, GBJ+12, GBJ+13]. C-code [GC10, GC13, GC16, GC18]. C-library [MD11b, MCA14]. C2x [Rut18].


CADNA_C [JCL10]. Cahn [KL17, LK12, LLXK16, YZ19, ZFH14].

CalcHEP [BCP13, Sta10]. CalcHEP/CompHep [Sta10]. calculate [BBU11, CATK11, FLE19, Fen12b, KA17, KST+14b, MPS13, Sar17b, SHZ13, ZKW+15]. calculated [HS16, LS12b, RJ12, YFAT17]. Calculating [ABB+16, ECSH16, Fon12, LKM+16, AM10, AM11, Arbi2, BBL+13, BNV18, BBPS14, Bra15, CLJ12, EZBA16, FS17, FEH11, GPS+13, HEF12, Jab12, Jab12, LCH10, LCH10, LCH10, MCV18, MI11, MGM+10, PH13, PCR17, Pos18, SEW12, SEW14, STY15, STY18, SC16a, SPAW17, SW12b, VDJ+11, WCL14, YLTS16, ZMCT12]. Calculation [GKM10, Kir10, LXR+18, Pla16, Sar17a, WW15, WBY11, AKH+12, AC17, AG14, AAT17, Aza13, BG14, BPC12, CMV12, CMRVR+14, CHDCA17, CYD11, CFSK14, Cip11, Cip13, CM14b, DBDP12, DSS+12, DRR15, DNPS13, Eba13, ELL+17a, FWZ+12, GSMK17, GAHP15, GM16, HLM13, HK15, HAN+16, JL12, KAK12, LPRPR17, LFK18, LSF14, LKL11, LSCZ11, Liu15b, LHGF18, MGK13, MSNI11, MPS15, MSL10, MSHL15, MSHL15, MC17, NKS15, Nik12b, ORCR17, PBMA12, Pat15, Pat17, QLN14, Rem10, SD10a, Shi16, SS11a, SZM+14, SKK11, Sta11, Ste17, SMGK14, TZG12, TMA+15, WLGY18, Wei99, Wit14, XMLC16, YAN09, ZPH+15, ZTG13, ZTG14, ZFBR11]. Calculations [Lit13, PDC14, YZY10, APS+16, ART17, AC15, AC18, BK13b, BC10, BDP15, DdJC+19, BH17, BBH11b, BS13b, Bor14, BHS15, Cas12, CPV13, CCGC13, Cor14, Cri18, Dan11, Dat13, DN18, DSV+15a, DHS14, DA16]
DO14b, DML+16, EJG+19, Ern18, FSH13, FUSH14, FCC15, Fri12, FZY13, GA15, GGG16, GVS+15, GBSY18, HSF+19, HW12, HHS+10, HW12, JPCG15, JWCC17, JOK13, K12, KCT15, KKL+18, KSL+11, KPK+17, KPST15, KH10, LA13, LSPR+17, LS17a, MED11, Ma219, MAM14, MLK+17, MLK+19, NGG+13, NSXZ14, Nis11, OBH10, OT11, PB13, PUO14, PKRS16, PSP16, RP+14, Roh16, RC11, SAW18, SW14a, SZ15, SCR17, SAY+18, SPMM11, SLR+11, SST11, Sm14, Sm16, SQL+10, SPSP18, TC12, VSG17, VCMS+13, WL11a, WR16, Wil15, XJS16, Zit11, VPM16].

calculator [ERS10c, ERS10a, ERS10b, HTY17, ZZH+16, ALL+11].
calculus [GLMG12, KD17, SBQ14].
Calibration [BMG+15, BDGM+17, Ost10, ZUT13].
callbacks [BV13].
calorimeter [dAFdSVM12, GRZ10, BPMM14].
CALPHAD [TKP15].
CALYPSO [WLZM12].
Camassa [ZST11].
camera [MGA+13].
CAMORRA [KvdO11].
can [Pra11, CBB14, KSL+11].
cancer [SCW+11].
cancer-related [SCW+11].
candidates [BBPS15].
CANONICA [Mey18].
Canonical [AS16, PA13, GA15, Mey18, Pra17, PLCC12, RMC16, Sit18].
canonical-ensemble [GA15].
canonicalization [Nie18].
capabilities [OTC14].
capability [LLE+18].
capacitance [CLC14].
capacities [ZMCT12].
capped [RM14].
Capture [SGAA18, SR12].
capturing [Fu19].
car [VCMS+13].
carbide [OPR14].
carbon [Beu11, CSL+13, LHS14, OPO+11, OPSR13, OPR14, RM14].
carcinogenesis [SCW+11].
cardinal [LD10b].
cardiovascular [MBS+10].
cards [GLB13, RPL+14].
Carlo [ZTG14, AFIS12, ASGLK10, AK15, ABP+14, ASPDL+16, AIG16, Ano10o, AK13a, AK13b, AMJ18, BKV16, Bar11a, Bar12a, BDP16, BVP10, BG11, BMW14, BG13b, BLG14, Bon15, Bon16, BMDP19, BENK+17, CGX+19, CL11, CL15b, CKS10, CNS+14, CI11, CK19, DSHS17, DGPW11, DEMM19, DPK+15, Dem11, DDKM15, DKT14, EBDM17, ES11, FGGM11, FLE19, FW11, FDWC12, GA15, Gin10, GSB+14, GWF+11, GB17, HKZN17, HBE10, HMR14, HP11, HWM+15, Hua17, IUM13, JPS10, JLA+14, JA17, KOT12, KEH12, Kan14, KRW13, KC14, KKK+17, KNS+17, KSW15, KPVvdH13, LS14, LS15a, LS15b, LLE+18, LWL11, Lut15, MP11, MBVR+13, MRZ10, MEM+11, MW14, MHR+13, MMY+19, NPAD11, NH16, NDSH18, NSXZ14, NBC18, NM14, OPO+11, OPSR13, OPR14, PZL+19, PEM19, PM14, RF16, RMS+12, RV10, RV11].
Carlo [RB18, SI11, SGNL17, SFP11, SL16, SHT18, SM17, SM19, SD14, SKFP16, SLZ16, SSF+14, SKM15, SKSK13, TZG12, TVZ+15, Tic10, Tic14, TKP12, TU14, Tröl11, TDL+14, UA17, Urb18, VK14, WRFS15, WDL11, WSTP15, WBS+18, WvSL13, WT12, WWVB11, WLZN17, ZBG+16, ZLM12, ZTG13, ZDD+13, dSF18, dHGCS11].
Carlo-based [EBDM17, MW14].
carlatom [Kol14].
carlatom_3.0 [Kol15].
carriers [MSRL10].
Cartesian [BOGL17, FZY17, MAM14, NKS15, SDM+12, SDS+17, SHL+11].
Cartesian-grid-based [FZY17].
cascade [LMAB16, SZY+12, SZY+13, SZM+14, TB14, ZYL+15].
cascaded [LJD+19].
cascades [BTM+17, KOT12, RLS16]. case
[Asil10, CMRVVR+14, Che11, FKL13, sLqSqL+13]. Casimir [AG14]. CASS
[FBC+12]. CasteLP [Rut18]. catalogue [Var16]. cathode [SCNJ18]. Causal
[CK18]. CAVE [BBH+10, BBH+15, OK10]. CAVE-CL [BBH+15]. Caveats
[CH11b, SYE+18]. cavities
[AG14, BBH+10, BBH+15, CBB14, CdFDS16, VBMP15]. cavity [LLSK17].
CESE [FXZ+14]. CFEL [FBC+12]. Chain
[EBDM17, KSW15, APV10, Lev19, RV10, RV11, UIY11, LN16]. Chain-based
[LN16]. chains [BDK11, MNC15]. challenges [KT12].
Chambers [DAW+19]. Chandrasekhar
[Jab12, Jab13, Jab15, Jab19, MR13]. change [HYM11]. changes
[BLS17, LSD18, ZBM11]. Channel
[KSW15, CCL18, Des16, GCVA14a, LLQX19, ZLFM11]. channelled
[GBJ+10, GBJ+12, GBJ+13, GFJ+14, GBFJ14, MCL+17, GBJ+13, GBJ+15].
chaotic
[ADdM16a, ADdM17, GTS14, HLD13, KI11, ÖY13, RDN+17, TTS11].
CHAPLIN [BD14]. CHAPLIN-Complex [BD14]. characteristic
[LSDD14, MH18]. Characteristics
[TGH+16, CSRV13, KK13, KFF+16, SZM+14, SC14]. Characterization
[CKLM10, HFSK12, CZN14]. characterizing [SPY11]. Charge
[Kap16, SCW+11, CC14, CC15, CAGL13, MSRL10, MTO15, NF117, iNSK+15,
PFFK19, Qia17, SGM11a, SGM11b, Sok13, VLL+17, XNK+16, YXT+15].
charge-conserving \cite{CC14, CC15, MTO15, Sok13}. Charge-sign \cite{Kap16}. 

charge/current \cite{VLL+17}. charged 

\cite{BBH+11a, BG13b, BG14a, BLG14, Bon15, Bon16, BAK+17, CLC14, Gwi12, KB15a, KRK16, KFS+13, MF17, NJ18, PCGM14, SKK11, Ume18}. \textbf{charges} \cite{SGDS16}. \textbf{CHARM} \cite{PLRT14}. Chebyshev 

\cite{Kap16}. \textbf{check} \cite{HWW12}. \textbf{checkerboard} \cite{BW12a}. \textbf{checking} \cite{COSU11, Yam16}. \textbf{CheckMATE} \cite{DDK+17, DDK+15, KSTR15}. \textbf{chemical} \cite{BBF+10, BO12, BSWC14, DBDP12, GAW16, LCC13, LSK+14, LL12, MLGVE14, MEG12, NCS17, dIRJL14, PBI+15, PBA+16, PB16, RH11, SAN18, SAG13, TM14, TPC16}. chemically \cite{MTE17}. \textbf{chemistries} \cite{YFAT17}. chemistry \cite{CHH+11, IIO16, KEH12, Sou14, WPAV14}. \textbf{chemokine} \cite{rJmYT11}. CheMPS2 \cite{WPAV14, WPD+15}. \textbf{Chen} \cite{HLD13, OY13}. \textbf{Cherenkov} \cite{GV15}. \textbf{chi} \cite{GST15}. \textbf{chi-square} \cite{GST15}. \textbf{CHICOM} \cite{Gag12a}. \textbf{CHIEF} \cite{MJKB18}. \textbf{chiral} \cite{GBD10}. \textbf{CHIWEI} \cite{Gag12b, GH18}. \textbf{choice} \cite{DDM14}. Cholesky \cite{LHJZ10}. choosing \cite{GLR17}. \textbf{Christoel} \cite{JC16}. \textbf{CI} \cite{DKG+14, KPST15}. CIF2Cell \cite{Bjo11}. CIJET \cite{Gao13a}. circuit \cite{LW11, LW13}. \textbf{circular} \cite{DA16, KGG+16, LWZ14, OILK17}. citation \cite{wHwH11}. CL \cite{BHW+12, BBH+15}. clarifying \cite{vMB14}. class \cite{BPC12, BPC13, GCHL15, Kra17, Kra18a, LLP15, MP11, MST+18, MNO11, SS13b, SCM14}. classes \cite{rJmYT11}. \textbf{Classical} \cite{BHW+12, BBH+15}. clarifying \cite{vMB14}. class \cite{BPC12, BPC13, GCHL15, Kra17, Kra18a, LLP15, MP11, MST+18, MNO11, SS13b, SCM14}. \textbf{Classifications} \cite{sL10}. \textbf{ClassSTRONG} \cite{CPHL14}. \textbf{cleaning} \cite{LLQX19}. \textbf{Clebsch} \cite{HR11}. \textbf{CleGo} \cite{HR11}. \textbf{climate} \cite{DBD+17}. \textbf{cloning} \cite{BS12}. close \cite{BAK+15, BAK+16, BAK+17, WISA11}. closed \cite{Faw+10, MCA17, SL17}. closed-shell \cite{Faw+10, MCA17}. \textbf{cloud} \cite{CNS+14, JTW+17, JVR12, KCH18, VPMV+17}. \textbf{clouds} \cite{APC+14, JH11}. \textbf{CLUMPY} \cite{BBH+16, HCM19, CCM12}. \textbf{Cluster} \cite{LX14, PEMS19, SMI14, BCT+17, CSPAD10, CGSB18, FLW17, GTL11, HLW16, JSLM16, KP12b, KSL+11, KO12, KO13, KO14b, Kom15a, Kom15b, Kom16, KZ14, LKL+16, MCA17, MCT13, TKR13, XLCW14, ZSW+17b, LX14}. \textbf{cluster-application} \cite{CGSB18}. \textbf{cluster-cluster} \cite{XLCW14}. \textbf{Cluster-Expansion} \cite{PEMS19}. \textbf{cluster-labeling} \cite{Kom15a}. \textbf{Cluster-parallelizable} \cite{SMI14}. \textbf{Clustering} \cite{HBP14, MKMK10, DAW+19, LLHC11}. \textbf{clusters} \cite{BBF+13, BG13b, BG14a, BLG14, Bon15, Bon16, BRH+16, DRR16, DCVB+13, GS17b, Gwi12, KSL+11, LLHC11, LSY12, LS17a, RRCSCJ10, RD10, SKK11, SQL+10, VK14, YZZ+17, YHL11, YLY17, ZPS+18}. \textbf{CMBE} \cite{GFJ+14}. \textbf{CMFD} \cite{PZL+19}. \textbf{CMIstark} \cite{FSK14}. \textbf{CN} \cite{PYW+14}. \textbf{CN-ICCG-FDTD} \cite{PYW+14}. \textbf{Co} \cite{CJH11, LQZ+13, DS13c, TG11}. \textbf{coalescence} \cite{GCC+18}. \textbf{Coarse} \cite{GB11, AGVP10, AMJ18, ESM17, FPY+17, PA13, SM19}. coarse-grained
Coarse-graining [GB11]. coated [CKLM10]. coating [CDSSG11]. Code [KUV15, ZCC19, Bab14, BSM13, BNV18, Bar11a, Bar12a, BMU11, BDPM15, BH14a, BW12a, BM16, BRL12, BG13b, BG14a, BLG14, Bon15, Bon16, BF10, CR13, CTT17, CJ12, CCM12, CPR12, CL14, CB16a, CB16b, DCM+12, DET12, DLGP10, DBJ11, DBP+18, DT11b, DT18, DA16, DGS+19, DFM+15, Du16, EZBA16, Ein16a, ELL+17a, FVH18, FLZ+18, Faw10, Gag12b, Gag12a, GH18, GLPQ11, GSMK17, Gio18, GC10, GC13, GC16, GC18, GBHBL18, GAB+16, GBJ+13, HdM16, HBE10, HV15, Hak16, HCRD14, HTT13, HT14, HF16, HMM+15, IBP+15, JiAM16, JCW+13, JFC12, JGAL+13, JHL+15, KBH14, KSS18, KPA+19, KTE+12, KBSP12, KCS+15, LAA+10, LEE+18, LHH+12b, LJZ+18, Lit13, LO14, LL15, LDF+16, LMAB16, LR13, LR16, MDW16, MT13, MGB+13, MGRB12, MRSU14, MTM14, ML17]. Code Saturne [Sha13a].

codes [BPP11, BFPP12, CYD11, DGS+19, FMRP16, Gio18, HWCdM19, HTJ+16, HL18, KLV15, Kro16, LW14a, LZ17, LTP16, MHA+12, MNPY14, OLG+16, PMMF15, Rut18, SISW10, Sch18, VCD16, VKS16, VGM+15, WRF+15, YX+15]. coding [BBB+17a, CFCB12, FFT+14]. coefficient [BBB17b, IBB18, PR13, PYW+14]. coefficients [ABC+18, ARYT17, CATK11, DT10, Dev12, HR11, Ixa12, KKS18, LZZL10, MCV18, Moh14, ORCR17, PKT15, Shi16, VCD16, Wei99, YČO15]. CoFFEE [NJ18]. CoFlame [EZL+16]. coflow [EZL+16]. coherence [SSM+17].


Collisions [BH14a, BH14b, CUL+17, CKS10, Col14, DCC+10, Gin10, GFJ+14, GBJ+15, JH11, KKK+15, KBH14, KHK+11, KNS+17, MEM+11, Nis11, OK+12, O18, SY+12, SHT18, SQS+16, SKK17, Tom16, VC10]. Collocation [LD10a, LX12, LCC+11, M10, PDRG10, ZWLZ17, ZST11]. Colloidal [TCCV18, BHND16, DGPOR18, HAN+16, HCS10, MDPTK15, Van15].

Combining [Laz15, SCI6b, SKK17, GWF+16, KPST15]. Comm [AZ17a, Ber16a, KYKN15a, LR16, Ras17, RC16, RHBH15a, SGM11a, Sco13, SIMGCP14, YQM14]. Comment [BL18a, Maž19, MLK+19, Ram10].

Comments [San15, MR13]. common [Bar11b, Laz15].

Communication [ERS10c, Kra18a, Nat10, ZTG14]. Communications [DO14a, KP12b, RSSH+10, SCM13, TIM+16, WLZN17].

Comparative [SS18, VEM12, JTN+11, LHS14]. Comparing [SAN18, Gag12a, GVR19]. Comparison [CM10b, CDBM16, Fuh15, LYJY10, WLM14, BR13, CDS13a, CHC+11, CS10, TBZ12, WG12]. Comparisons [ABH+19, CHZ18, DGPW11].


compile-time [Vuk12]. compiler [LWC14, LW16]. Complete [FBG10, ACD+14b, Boy15, sL10].

complex [AQJ10, AC16, BGM+14, BH14b, BH16, BBF+13, BKM11, BH11, BDV11, Cai11, CHDF10, CidLOL19, CCI10b, CC12, CGH+11, DDH17, EKK14, FGC+11, FHH+14, GCHL15, GW+10, HLS12, HM18, JHJ15, JMG+17, KS16a, KH+18, KCS+15, Lit13, LOV10, Mau12, MV1+16, MCNRC16, NMC15, NLSJ17, Nov17, PHA18, PB16, SGW17, SA15b, Sol11, UY11, UO15b, UO15a, VSG18, WZ13, WAHL13, ZMCT12, Zou18, BD14].


comprehensive [CEZ16, SAHP15, VBG+10, WJC18]. compressibility [LJY18, RH17]. Compressible [FDZ17, ACM12, BOGL17, HGJL18, PKV+17, SP18b, TFBW14, TCP13, XD16]. Compression [BCC+18].

Compressive [HJL+14]. comprising [PDC14]. compromise [LG13].

Compute [AZ17a, Ber16a, ERS10c, KYKN15a, Kra18a, LR16, Nat10, Ras17, RC16, RHBH15a, SGM11a, Sco13, SIMGCP14, YQM14, ZTG14].

Computation [ADH+17, AKH12, AD14, DLU18, DKOS14, Ihn12, JH15, LNP+17, Mil16, AB10, ACTP15, BT17b, Cai11, CMN12, CNMC10a, Che17, CGBR14, CK12, DG10c, DADS11, Fuh17, Gao13a, GLS+13, GLAC13, GBP13, Gar19, GBD10, GST15, GST17, GA13, HR11, JC13, JC14, JU17, KBBS19, KCN18, KZ11, YQ14].
KP12b, KvdO11, Kol14, LPBH11, LV13, LM16, LLL12, LLL13, LAS+17, MSS+14, NHSY15, PO14, RA13, Sai13, Sch14b, SDL+16, USOA13, WWS10, WISA11, Wie13, YdDH+12, ZZ17a, Zou18, BCTP18. Computational [ABB13, AL17, BBB+17a, BBC+13b, JAS17, MCG11, NMS14, NFS15, RH11, SWS+12, WWR+16, YFAT17, ÅS18, BHN17, BCP+16, CL15a, Che11, CRC+13, GBSY18, GBS+16a, HWCD19, JOR+12, LFKD18, LHJ+15, LLX14a, MWI+19, MCI10, MCP10, Miü14c, NMCR15, NVAFO18, PSMS14, PSMS15, RK11, RBB15, RCD+10, Ros15, Sou14, WC15, ZTG13, ZTG14, dSVLP13, dSF18]. Computationally [DMC10].

Computations [ABB13, AL17, BBB+17a, BBC+13b, JAS17, MCGR11, NMS14, NFS15, RH11, SWS+12, WWR+16, YFAT17, ASS18, BHNS17, BCP16, CL15a, Che11, CRC+13, GBSY18, GBS+16a, HWCD19, JOR+12, LFKD18, LHJ+15, LLX14a, MWI+19, MCI10, MCP10, Miü14c, NMCR15, NVAFO18, PSMS14, PSMS15, RK11, RBB15, RCD+10, Ros15, Sou14, WC15, ZTG13, ZTG14, dSVLP13, dSF18].

Computations [Dan10a, Dan10b, BKS15, Bog16, Bre10, DS13c, GJ18a, GLW14, HKSW10, MK+12, Naz12, NOR15, Wei15, YRR13, dALM+12]. compute [BH11, Boy15, HHP+14, PB16, RLS16, RW11, SSG+10, SSG+18, TZN17, VB19, Wei11a]. computed [FWS+17, MH18, SBvD13].

Computations [Dan10a, Dan10b, BKS15, Bog16, Bre10, DS13c, GJ18a, GLW14, HKSW10, MK+12, Naz12, NOR15, Wei15, YRR13, dALM+12].

Computation [Ano16a, BRB12, FLW17, Gio18, JWJL12, Maz19, MSNI11, MLK+19, Ram10, Wu10, ABB+16, AG14, BJBC+14, BF16, BN18, CDSG11, CYD11, Cip11, CK18, DS14, DSS+12, Dev12, GRTZ10, HHM+15, JUJ16, Lit13, LO14, MW+10, MSI+10, MNV13, MF10, MZE13, MSS+14, OKY+14, PCT17, DMT16, Rett12, R16, iSM11, TJ11, Tab16, WR16, WSO+12, Zhe15, ZMPT13, Ano10a, Ano11b, Ano12a, Ano13a, Ano15a].


Computer-assisted [BRB12]. computer-generated [MSS+14].

Computer-generated-hologram [WSO+12]. computers [BWPT11, BKP12, BY13, IW15, LI12b, MNW+17, SOM+13]. Computing [ASTT16, ADF+15, BBC+11, Gio14a, LSG+12, TCP13, Wai12, YE14a, ARAB+17, AYT17, ABD17, Ara14a, Ara14b, BW+12, CR13, CL14, Ckm11, CSR13, CL15b, ÇÖSÜ11, CRB+17, CNS+14, Dan10a, Dan10b, Dan11, DMC+15, DGST17, Elin16a, FBN+13, GFX+15, GLHR19, GST12, GHIF10, GCV14a, GCV14b, HCH16, J15, JKV12, KDP+14, KO14b, KO16, KK17, LR18a, LR18b, Lec18, LS17b, NFS15, PNL13, PG10, Qia10, S15, Sha13a, TK15, TAC15, TGH+16, VPMV17, WX14, WGV17, YK18].


Concurrent [HSH16, HWT10]. condensate [VBMS17]. condensates [CCW10, GM14, Hoh14a, JWC13, JWL13, MT13, TZN17, WX11, WX14].

Condensation [Ker17, LCCC11]. condensed [Jab17, MK+11, ONS+15, SBH+14]. condition [PN15, STA18, SCNJ18, WL11]. Conditions [KFF+16, KPPC13, BMHP17, CCHL11, DGG13, EY11, FJK+17, HSD17, JYPA18, Ji15b, LWZ14, LLL12, LHHL16, LS13, MD11a, MRL18, MRVF13, Miü16, NPM16, PLLC12, Qia17, QHC+10, RC13, RC16, RHH12, RTA10, SP18a, SN16, Uty14, Wan16, Wil19, vDS13]. conductance [SPMM11].

Conductances [TXZL15]. conducting [JKP+12, Qia16, RBG+19, SKML11].

Conduction [CAN11, HWS16, MLS10, iSYS12, SN16]. conduction-radiation [CAN11]. conductivity
convection-diffusion [GN14, SL14, Tia11]. conventional [Kom15a, PE17].
conventions [SM13]. Convergence [Dua10, SMJ17, Sha18, ACC17, CB16b, HV15, HGCARM15, MBFB13, XHLUF18]. convergent [HRC11].
converging [QLE16]. conversion [Hsu11b]. Converting [PDL18, Hir15].
convex [LHGF18, RLL12]. convex-root [RLL12]. Convolution [MCP11, Bot11, Qia10]. convolutional [LZZ10]. convolutions [HIPP14].
coordinate [BMNS14, FGLB12, HO13, LDR17, OK14, RVDS16, RDVS18, SM13, SMC17, SCG11, HSD17]. coordinates [AV13, HF16, NKS15, PM16].
core-excitation [GVS15]. core-level [MNPS14]. core-shell [ACTP15].
corr3p-tr [EKO16]. Correct [WHB16]. Corrected [BPC13, Cip13, BGM14]. core-correction [FKL13, KK14a, KO14a, LYX17, LLZ17, Mar15, MSR10, SW13a, TZG12].
correction [FKL13, KK14a, KO14a, LYX17, LLZ17, Mar15, MSR10, SW13a, TZG12]. corrections [ABdA15, AMRD17, BBY13, BCR14, HP17, LP15, Sta11, YW17, NJ18].
corrector [PAS11, PS14, SD10b, SA15b, TYH15]. correlated [APS16, BKS15, DB13, HLL13, JDG12, KH11, MDF11, OOK12, PZY16].
correlation [ARAB17, CMVRB14, CMSN18, DKG14, KCL11, LAA10, MHHL11, MOB12, PZL19, QHZ14, RW13, RGKR17, WPD15].
Correlations [DBB12, CLKK11, KGL17, MBGV15, IT11, WT12, YK12]. correlators [DE13, Nem16]. correspondence [GLX14]. corresponding [GCVA14a]. Corrigendum [AZ17a, Ber16a, KYKN15a, Kra18a, LR16, Ras17, RC16, RHBH15a, YQM14, ZTG14, Sco13]. corrugation [ZFBR11].
Coulomb [EUT15, GH11, HK15, JH15, LB13, MC16, Mil16, MSRL10, Nis11, PH11, RGKR17, Sar17a, Sar17b, SHT18, SV13, XD13, XHD15, ZHPS10].
Coulomb-distorted [HK15]. Counterexamples [YE14a]. counterterms [SV12].
Counting [Kan18, Liu15a, GdGB18, GES13, SBB13]. COutLoSS [Car16]. COUP [KKSY18]. coupled [AV13, BSMS13, BK16a, CZS10, CZL11, DT11a, DN13, DJH13, Des16, DGMZ15, EEGW12, FBHB17, FCCTFR18, GCVA14a, HWCH11, KGFS18, KP14, LVL12, MCA17, MZE13, PG017, QSC14, SBL16, TPC16, WX14, YS17, ZMPT13].
Coupling [DRI16, KST14a, SCNJ18, BAK15, BAK16, BAK17, CL14, FLSZ13, FHTO17, KA17, KVW11, LSK14, MKL17, NGM10, PMVG16,
D [BL18a, JCL+18, LBP15, RPB+15, RHBH15a, TGH+16, WNYP17, AV13, AGMS15, APC+14, BBC+11, BBB17b, BAR12b, BVP10, CP15a, CPCdM18, CC14, CdLOL19, DGG13, EW14a, FLZ+18, Fan19, FJK+17, FK12, FRFH10, GS15, Gai17, Gio1a4, Giu19, GG16, GAB+16, GGF+13, GX15, GCVA14b, Gwi12, HKJ+12, HTH13, HTH14, HDM+12, Ixa10, JEC+12, JCL+18, JKIS16, KAK12, KO14b, KO16, KMJS16, LHIJZ10, LHC+13, LX14, LKW11, MGL13, MGO13, MCP+11, NH16, NCB18, PR10, PGCM14, Qia17, RKVL14, RF15, RS12, RAV11, RJLL16, RHHB15b, SBH+14, SW14b, SP18a, SA15b, SKK11, SW11, SMA+15, TMA+15, TY10, TKB+12, TMB+16, TPC16, VLM11, WNYP17, WMRR17, WRMR19, YLKN17, YTYA17, ZXL16, ZZD+16, ZSW+17a, ZFR18, SW14a].

D-3V [CC14].

Dalitz [BGH+18].

Damage [YS17].

Damped [DZ13, Eba13].

Damped-relaxation [Eba13].

Damping [MD11a, SS11a].

DAMQT [LRR+15, LRR+17].

Darboux [ADdM14, ACDdM15, ADdM15, ACDdM19].

Dark [BBB+11, BBPS14, BBPS15, BHN+16, CCM12, HTY17, HCM19].

Darwin [CC14, CC15].

Data [BCJ+11, Car10a, DPK+15, KST+14b, XLCW14, AAA+16, Ano10n, Ano11a, Ano11o, BDKS10, BALV16, BG13a, BBV10, BMF+19, CL15a, Car10b, CZ16b, CMSV14, CO11, DAW+19, DRUE12, DDK+15, DADS11, ECD+10, End11, Fer15, FCC15, FWS+17, GMRHRCME13, GTP+17, GVP+18, GdGB+18, HBP14, Hri15, JTH14, KFF+16, Kom15b, LLQX19, MW12, MGO13, MD10b, MM11, MGFRG12, MGR16, dIR11, PCVZ11, PGO17, RMW13, RSHH+10, SEW12, SEW14, Shi16, Sin11, Sin12a, SAS11, SOJ14, SM+17, TRM+12, Var16, WMI11, YG12, ZSW+17a, ZIo14, dHC14].

Data-assisted [GTL+17].

Data-driven [CZ18b].

Data-sharing [TRM+12].

Database [RPB+15, BDT15, BBH+18, LL15].

Databases [CKT17, SHW18, WvSL13].

Davey [GML15].

Davidson [HLW16, ZHC16].

DBpedia [ZLLP17].

DBSR HF [ZF16].

dc [CFSK14].

DCDEM [CCD+16].

DD [CD+13b].

DD-HMC [CD+13b].

Dealing [ACDdM19].

Dealloying [ZDD+13].

Decay [APV10, Lev19, ADF+15, BGM+14, CDL+12, CLF18, Gin10, LM1B16].

Decays [AC17, CCGV13, CPWZ18, CCN17, DET12, DGPW11, ES16, EMW19, FEH11, HEF12, WT12].

Decimation [US16].

Decomposition [ASPW13, APC+14, BS15a, BS15b, CECS16, CH11a, DO14a, DO14b, EDPP19, GWF+16, JU17, JKH16, KU10, LHFL16, MRL18, MCL+17, QL10, San15, TD14, WM13, WYH19, ZHC16].

Decompositions [FRG12, GLHR19, SPS18].

Decoupled [ZKS+18].

Decoupling [SS12].

Dedicated [MH11, Pat12].

Deep [WZHE18].

DeepPMD-kit [WZHE18].

Deexcitation [RLS16].

Defect [DMC+15, HWW12, MBRV+13, NJ18, OO15b, O15a].

Defects [BMZ+18, CLC14, LZ18].

Defined [ASPD1+16, Sza13a, WWS10].

Definition [CNMC10b, DADS11, Vuk12].

Deflation [NLSJ17].

Deformation [RTAT15, Wit14, ZC12].

Deformation-fluctuation [ZC12].

Deformations [ZC12].
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[Maž19, MAM14, MLK+17, MLK+19, OK14]. deformed
[GC13, GC18, PSL+17, PUO14, SDM+12, SDS+17, SSK+13]. Degasperis
[HDZ14]. degenerate [AAD13, AAT17, KGNS10, PFFK19]. degree
[BCDP18, Er14, TK14b, UNK12]. Delaunay [CHNS18, FLP10, GMH11],
delay [DS10, Fan19, LTP+17]. delayed
[DDM14, JHJG14, LL15, ZTG13, ZTG14]. delayed-choice [DDM14].
delocalization [HW11]. Delta [SCM+18]. Delta-plus-SPH [SCM+18].
demand [CLH+17]. dendrite [ZKG+18]. dendritic [JEFP14].
dense [BMC+11b, CNS+18, MSZW11]. densities [BR14, Gio14a, GZW17, SHZ13].
Density [GS17a, NJS17, VCMS+13, ASA18, AKZ+13, AG14, AM10, AM11, AM17, BBH11b, BCH17, BR13, BSGG10, CDTV10, CXH+15, DSM+11, Dua12, FTI18, FLE19, GWL+17, GBR+14, GJ18a, Gio14a, GCP+15, HYM11, HHS+10, JCW+13, KT12, KCT15, KK16b, KKL+18, Liu15a, LW13, LS11, LRR+15, LRR+17, MGRB11, MOB12, MSS+16, Mil16, MNPY14, MC17, NPM16, OOK+12, OT11, QJF16, RHC15, RCH16, RGH10, RWKS15, SH12a, SCRS17, SSSX, SBH+12, SAHP15, SA14, TVGB15, VBS+17, VGG18, VvAV+11b, VvAV+11a, WL11b, WPAV14, XLL15, XNK+16, YLYL17, YR13, BC10, DBB12, GS17b, LT15]. density-based [SSX14]. density-functional [GBR+14, MGRB11, MC17, SCRS17, SA14, TVGB15]. DensToolKit [SAHP15]. dependence [Maž19, MLK+17, MLK+19]. dependencies
[Kan14]. Dependent [LB10b, BBI17b, BMBC+17, CVK+17, DS13a, DHR14, DM12, FGB12, GWL+17, GS15, GBR+14, GTC+11, HST+11, HM18, IBAI18, Ixa12, Kap16, Ker17, KTA12, KYSV+15, LV14, LBB+16, LYSS+16, MC16, MGRB11, MGL+16, MC17, NPM16, ON12, PR13, PM16, RVBS16, RDVS18, SH12a, SCBS17, Ste17, TC11b, TVGB15, TT11, UW12, VBS+17, VVB+12, WL11b, XJS16, YSM+16, YSM+17, ZHCR18, ZYX15, ZKS13, dSF18, vH18]. depending [EY11]. depinning [SLZ16]. deployment [HKK11]. deposit
[US18, DCM+12, DPK+15, DOP17, DSLP11, MNC15, TKP15]. Design
[CFCB12, Fri14b, Dan12, LOK+16, ML14, NFA+16, NVAFO18, TUY15, SAA+10]. Designed [UO15a, DLW+18, MCD14]. Designed-walk
[UO15a]. DESOLVII [VJC12]. detail [OK10]. Detailed
[HWW12, MPSV15, Str15, VV16, BTH+17, CFF15, LCC13, dSF18].
[Ber14, AKKK16, BLS17, BHH+10, BBH+15, BMG+15, HTY+17, KME+11, LTP+17, NDS18, OL12, ZBM11]. detector
[AANAJ12, BPM14, BKM11, PCEH15, TdAdSS11]. detectors [JuIAM16].
determinantal [Zou18]. determinants [USOA13]. determination [BR13,
diffuse [Gri10, XD13, XHD15]. diffusion
[BMW14, BO12, CYN19, CATK11, CB15b, CMdB11, CM14a, DMP18, DJ12, EZL+16, GA10, GN14, HJ14, HZ11, MBRV+13, MF15, MS11, Pla16, SGAA18, SCM14, SL14, Tau10, Tia11, WXW14, WFV14, XWF18, YQM12, YQM14, ZSW+17b, dSF18, dTOV18, BR11, KdMvO14, MNPF17]. diffusion-controlled [Pla16]. diffusion-convection [GA10].


diluted [SFP11].
dim [GMF+17].
dimensional [AG14, ASS13, AH13, BT17a, BDP16, BC11, CZD15, Cap13, CAN11, CZ18b, CS16, CJIH11, CLJ12, CC15, CW16, HCM+11, CC10b, CC12, CR12, CwW12a, CwW12b, CHZ18, Dan14, Dan16, Dan17, DG10b, DSI1b, DM17, DSI3c, Dua10, DO14a, DO14b, FFT+14, Fen12b, dAFdSVM12, Fil13, GTPWL12, HHC+10, HLLW16, HCSW10, JEF14, JWCW17, JPM12, Kap12b, KHB14, KS16a, KKD11, KYY15a, KYY15b, KH12, KO12, KO13, KS12, KRB15, KMA+12, LJSW11, LLK17, LWL12, LST15, LXX16, LCQF18, LHH+12b, LJZ+18, LLX14b, LR13, LR16, MEM+11, MMR+12, MSZW11, MNFP17, Muil14a, Naz12, NAQ16, PBE14, QA13a, Qia16, QLE16, Rtv16, Re11, Re12, RHC15, RCH16, RGKR17, RWKS15, SFP11, SÖÖN11, SCLW16, SLR16, SDJ+12, SJW10, TD14, TTT14, VK14, WC10, WWC+16, WvSL13, XZ12, XZ12, YWX11, ZFH14, ZYZ15, dlHV12].
dimensional [dTOV18, vRWS14]. dimensionality [BH17]. dimensions [BDDM18, Chr18, DMC10, DKOS14, Exl17, KAvdL11, LA13, MAWK18, TSI16, dSD012].

Direc [MN16, MFS10b, AL17, BB15, BW12b, BBF10, CPV13, FGBL12, HP14, KCT15, PB16, ST10, SP16, STA13, TKS10, ZEF16, dH1V0].

Direct [LLZ+17, SKH+10, Wei11a, BCM+16, CDS13a, GJ13, LOK+16, LSK+13, ML16, OP12, WBS+18, WAW14]. Direct-MPI [WAW14].

direct-sum [GJ13]. directed [FLP10, QHC+10, dSLF13].

direction [LST15, LSK+13, MRL18, NO14, TTT14, XYK12, XZ12]. directions [Hal17].
directive [BCG+15]. directive-based [BCG+15]. directly [Kon11, Sco13].

DIRHB [NPVR14]. Dirichlet [RC16, HSD17, Jiwi15b, RC13, RHH12].

disaggregation [Bis15]. disc [Lan13]. discharge [CHC+11, LHH+12a, UBR10].

discharges [FK12, HCHW11, KRB15, KSVY13, MRL18, SVG10, SBL16].

disciplinary [WSH+12]. disconnected [ACD+14a, CKS10].

discontinuities [DR12].

Discontinuous [SVS19, EW14a, Ein16a, HLLH16, HWS16, LLP15, LLMW17, Maz13, QWZW18, WP10b, YWWX11]. discovery [LCRL10].

discrepancy [VLD+12].

Discrete [CR12, EW16, AGMS15, ELDS14, GMRHRCME13, GMPFC+14, GJHF14,
KV10b, LCH11, LYL+17, MD10a, NMS14, RTÄT15, SL17, SWL+15, Sza13b, Sza13a, Sza16, ZAHAl10, EW14b, ECGW12. discrete-dopant [LCH11].
discrimination [sL10]. discussion [Nem16]. disks [TACA15]. dislocation [GJHF14].
dislocation-simulation [Pei18]. dislocations [PE17].
disorder [ABCM14, TKP12]. disordered [BH17].
disperse [Sie16]. dispersion [BSK+18, FMW10, JL10, Kon11, LKA+16, MFH+13, PSB11, PSBT12, Sco13, SB11, sX14, vMB14]. dispersion-free [LKA+16].
dispersions [ZZ17b]. dispersive [CW16, GAO13b, HLW16, Ram10, Ram12, Ram14, WWHW14].
displacement [EDPZ19, UW12]. displacements [LS15b]. dissemination [LHC+12].
dissipation [Fu19, PDJ10]. Dissipative [JBKM15, ASPW13, BTL+17, CCWL11, FDZ17, GAHP15, GTS14, MDPTTC17, MNC15, TK14a, TD17, WXW13, WXW14, YLQ+17, BJM15, LB+14, MDPTK15].
distant-dependent [Ste17]. Distinct [Cro16].
distorted [Bad11, GRLS18, HK15]. Distributed [GHDf10, AM14a, BKS15, CL15b, GB11, GBS+16a, IW15, MV11, OLG+16, SOJ14, WKM11, WC13, WAW14, YG12, RPb+15]. distributing [HWT10].
Distribution [CGO17, AMR15, Ber14, BDDY12, CMR17, DCC+10, DSS+11, DRR15, FSF11, FP14, FCC15, Fuk17, GST15, HEF+11, wHwH11, LSF14, LSDD14, LN16, MST+18, PN15, PM13, Ram10, SS11a, SSP16, VLKM11, Yan09].
distributions [BT17b, BMF+19, ESH16, PDC14, Pos18, VSG18, WCT11].
districting [Cho11]. Disturbance [HJGL18]. divergent [Fen12b, DYK+18].
documentation [DNP+12, DPW16, KLV15]. doing [GLMG12]. Domain [BS15a, IBP+15, ASPW13, APC+14, BS15b, BNO17, CW16, DO14b, EDPZ19, FRG12, FNPMB10, HJH17, HE13, HC16, HC17, HKvH16, Hs11b, JLM18, JU17, Kap12b, LLQX19, MRL18, MBFD12, ICD13, MCL+17, Oti13, QL10, Ram14, SG18, SVV19, SW12b, TD14, TT14, VDB14, WYH19, ZLL13, ZHC16, HKF+12, MCM+12, Wil19]. domain-decomposition [MRL18].
domains [Bot13, BS13a, JYPA18, KSW12, OOK+12, SNB11, SK15]. dominated [Kau13].
dopant [LCH11, SD14]. doped [KAR+15, NS11b, SQL+10].
double [CWW10, GC10, GC13, GC16, GC18, MD10a, Ram14, TTG11].
double-dispersive [Ran14], double [ERS10c, ERS10a, ERS10b].
doubled [CL15b, FGLB12]. Doubly [GH11, SEW12, SEW14, WW13].
DPD [MDPTK15, PTMDPK14, SH12a]. DPM [RB18]. Dr [OTC14]. DRA
Drift [DOP17, CEP18, DJ12, Evs14, SISW10, XYM+13]. Drift-Asymptotic
[DOP17]. drift-diffusion [DJ12]. drift-kinetic [CEP18, Evs14, SISW10].
driving [MTM14]. Driven [Dan10a, Dan10b, BJBC+14, CZ18b, CHC+11,
De 11, GTL11, GAB+16, Hin11, HH14, IBKK11, LDW13, LHJ+15, MiH12,
MS11, RHHF12, RTT+18, VPM12]. driving [BNAB11, THDH14].
DRoplet [Tom16]. droplets [APC+14]. drosophila [SLC11]. Drude
[HLW16]. DSAM [SLLP17]. dsDNA [AGVP10]. DSMC [JvOK17, OFC10, TKL+12].
dsmcFoam [WBS+18]. Dual [Gar19, CBGY17, DG10a, LCQF18, VvAv+11b, YB13].
dual-level [LCQF18]. DualSPHysics [CDR+15]. duct [ZNT15]. due
[Cip13, Eme11, TW11, XYM+13]. dugksFoam [ZCG17]. Duo [YLTS16].
duplicate [LZ12]. during [Gai17, GTSL+13, XLX+15, YK18, ZBMM11].
[ALS16, Bar12a, DSHS17, FRG12, SJ17, SUS+17a, SKSK13, AGMS15,
Bar11a, BS15b, CD12, DF11a, DGMZ15, EDPZ19, HST+11, JOR+12,
KHN19, PE15, Sus17b, Sva12]. Dynamical
[KLKR11, LLHC11, AG14, ADdM+12b, ACDdM14, BVC13, BG11, CZ18b,
Dan11, DT11b, Er14, KP12a, KI11, LS16, LMAB16, TTS11, WHG+19,Wie18].
dynamically [CFCB12]. Dynamics
[AS16, AD15, DRR15, wHwH11, JBKM15, MDPTK15, Ngu17, SBPN15,
TD17, WWR+16, ADD+11, ASPW13, ABB13, Bar14b, Bar11a, Bar12a,
BS18, BPML12, Bin13, BTL+17, BG14a, BVSG19, BWPT11, BKPT12,
BY13, BCG+15, BBV+16, BMDP19, BENK+17, CTT17, CMM14, CLK11,
CH+15, CKS10, CH11b, DCM+12, Dat13, DLGP10, DEW16, DT11b,
DHR14, DS13b, ENEO15, ESM17, FSH13, FCVH17, FRG12, Fil14, FJ19,
FFIH11, GKI11, GM11, Glio14b, GLR17, GNA+15, GAHP15, GTS14, GH15,
HWC4M19, Has11, HST+11, HRC11, HG13, HYM11, HXW+13, HLZ+13,
HPN18, HNB+17, HN10, HM10, HM17, HDM+12, JWL13, JPH+14,
JNN12, JNN13, JSLM16, JKIS16, KST14a, KPA+19, KDM11, Kon11, KK17,
KS15, KCS+15, KR14, KHN19, KSY17, LGW13, Leò12, LS12b, LH11,
LK15, LLZ+17, LBR+18, LSK+14, LDF+16, LS17a, MDW16]. dynamics
[MW+13, MDPTTC17, MM17, MTSI11, Min11, MNC15, MKB+11, MSH11,
NBM+15, NBW16, NPAG11, iNSK+15, ÖKC11, OKM12, OYK+14, PR14,
PLCC12, QL10, QLE16, RC15, Rap11, RFSF18, RBB15, SV14, SGM18,
SBH+14, SL17, SH18, Sco13, SCR17, SOM+13, SOM10b, OKM15, SYE+18,
SAG13, SJY18, TK14a, TZM17, Tan19, TSTT13, TS11, WJCZ18, WC10,
WX11, WXW13, WXW14, WZHE18, WSI13, WSH+14, YW17, YHCS11,
YLQ+17, YK12, Zag14, ZZHG18, ZS13, Zhe15, ZPvR16, BJM15, BNN14,
DLGP10, LBM+14]. dynamics-based [ZS13, Zhe15]. DynaPhoPy
[CTT17]. Dyson [HB12, HM12b, SAW18].
EasyFeynDiag [XW15]. EBT2 [ACdS13]. EC [MTM14]. ECE [MTM14].
cecs [BH16]. ECsim [GHBL18]. eddy [TIMM13]. edge [BMU11, CCLL18, FRFH10, FR15, LDR+17, SCB+17a, SPY11, ZDWM17, ZFR18]. edge-based [CCLL18].
Editor [Sco13]. Editorial
[Ano18e, Ano18f, Sco16, Ano10b, Ano10c, Ano10d, Ano10e, Ano10f, Ano10g, Ano10h, Ano10i, Ano10j, Ano10k, Ano10m, Ano11c, Ano11d, Ano11e, Ano11f, Ano11g, Ano11h, Ano11i, Ano11k, Ano11l, Ano11m, Ano11n, Ano12b, Ano12c, Ano12d, Ano12e, Ano12f, Ano12g, Ano12h, Ano12i, Ano12j, Ano12k, Ano12l, Ano12m, Ano13b, Ano13c, Ano13d, Ano13d, Ano13e, Ano13f, Ano13g, Ano13h, Ano13i, Ano13j, Ano13k, Ano13l, Ano14a, Ano14b, Ano14c, Ano14d, Ano15b, Ano15c, Ano15d, Ano15e, Ano15f, Ano15g, Ano15h, Ano15i, Ano15j, Ano15k, Ano15l, Ano15m, Ano16b, Ano16c, Ano16d, Ano16e, Ano16f, Ano16g, Ano16h, Ano16i, Ano16j, Ano16k, Ano16l, Ano17a, Ano17b, Ano17c, Ano17d, Ano17e, Ano17f, Ano17g, Ano17h, Ano17i, Ano17j].
Editors [Ano17k, Ano17l, Ano18a, Ano18b, Ano18c, Ano18d, Ano18f, Ano18g, Ano18h, Ano18k, Ano18l, Ano19b, Ano19c, Ano19d, Ano19e, Ano19f, Ano19g, Ano19h, Ano19i, Ano19j, Ano19k, Ano19l, Ano19m, Ano19n, Ano19o, Ano19p, Ano19q, Ano19r, Ano19s, Ano19t, Ano19u, Ano19v, Ano19w, Ano19x, Ano19y, Ano19z, Ano19].
education [LPBH11, Mül]4c, TN11]. Edwards [FFT+14, SJ17]. EERAD3 [GGGH14].
Effective [BCS10, VLD+12, CLC14, CM15, CCG+14, Crl+18, Erm+18, HHC+16, IKS19, Jab+12, LS+12, Nem+16, NRSV+12, ZTG+13, ZTG+14]. effective-mass
[HHC+16]. effectiveness [SS18].
Effects [iT11, BDK11, DGMZ15, GTSL+13, GB14, KZ11, KS16b, KKS18, LHS14, Liu+15a, MDPTK15, PBE14, VV16, WT12, dSVLP13]. Efficacy [DML+16].
Efficiencies [AMJ18]. Efficiency [LV15, WG11, ZPr+16, FZ+16, GLAC13, GSKM15, JAS17, KK17, LRCL10, VK16, WW12]. Efficient [AS11b, AAT17, BCJW13, CM112, CZ18b, CSRV13, FUSH14, FCVH17, GBP13, GST17, GGG16, GVS+15, GA13, HGW13, HXW+13, HAN+16, HPN18, HCH16, JU17, JMG+17, KA17, LHZ11, LG+17, sLqS+13, MA11, MSRL10, NVAFO18, Qia16, RA13, RF15, SZ15, SHN11, SC14, SA14, THDS16, USAO13, VDF15, VBS+17, Wai11, WS11a, WHL+12, WT12, Wei5, WWFT11, WAW14, YZ19, vRWS14, ARAB+17, ASPW13, AMN11, AGH+16, AL+17, ACP15, BCW+13, BB13b, BHW+12, CSV+18, CLB11, DCC+10, DKSG16, DMC10, DG16, FVH18, FLW17, FHT17, Gar+19, GS17b, GS17a, GJ+18b, HJH17, HBP+15, JCL+18, KJS16, Koh+15, LK12, Ls+12, LHS+15, LW+11, Lya15, MFG+13, MGR16, MCNRC16, NPAD11, Nik12b, OK14, PMS+17, PM16, PS11, Pos+19, QL14, RLM13, RJKC16, SW13a, SR12, Shi16, SK14, SPP19, TSIM16].
efficient [TZM+17, VdLF+14, VLL+17, WW+10, Wan+10a, WX11, WZ13, WLGY18, WDR16, Zou18, dBCH14]. efficiently [RTT+18, SZC+13]. EFT [GBD10].
eHDECAY [CGG+14], eigen [CHDCJA17], eigen-stress [CHDCJA17],
eigenfunctions [BAF18, GCVA14b, MGL13], eigenmodes
[HSK+12, TJJH17], eigenproblems [DBB12, RLM13], eigensolution [FZ16],
eigensolver [GBP13, GAO13b, SAY+18]. eigensolvers 
[DB13, LT15, VBS+17], eigenstates [RPL+14], eigenvalue
[BMU11, CDMCN11, DB13, DPB16, DS15, GHvdL11, HKSW10, Ixa10,
JWM+18, LR13, LR16, MKR+12]. eigenvalues
[BW12b, DKOS14, GCVA14b, HLW16, JZJ18, NJ18], eigenvectors [JZJ18].
eight [PAS11, PS14], eigSUMR [CL16].
Einstein [ARYT17, CCW10, GM14, Hoh14a, JWC13, JWL13, LCCC11,
MT13, TZM17, VBMS17, WX11, WX14]. Einstein- [ARYT17]. EIRENE
[SK12]. Eisenbud [RA13]. EKHARA [CI11, CK19]. ElAM
[MLW+10]. elastic [ASEA14, AFIS12, CHDCJA17, CGJ14, DMC10, GPS+13, Gri10,
Jab17, Kas14, KGF18, LSCZ11, MLW+10, Maz19, MLK+17, MLK+19,
QDZ+13, TH17, TW15, Voy13, WBY11, YZY10, ZC12, ZZ17a, GPS+13].
elasticity [MBF+10]. Elastodynamic [MAIVA14].
Electric [OCL+13, RE12, CFSK14, GBSY18, JTN+11,
JPK+12, LXR+18, MRL13, SCNJ18, ZKW+15, ZDM17]. electrical
[CKT17]. electrically [HC16, Ram12]. electro [PGO17, We18].
electro-dynamical [We18]. electro-mechanics [PGO17].
electrodes [OBH10]. Electrodynamic [HB+11, GH15]. electromagnetically
[AHK+12, CC14, CC15, CSJ+17, CZF18, Fuk17, GLAC13, GMC18, GH15,
GCHL15, JLM18, KOT12, KC14, KTE+12, LPRPR17, LHJZ10, LHC+13,
LF12, MIW+13, MKU+12, MCM+12, OR1+10, Ot13, OVS15, PP13,
PYW+14, Ram10, Ram14, SKK17, SDL+16, VV18, WGG16, WN10, ZHSL13].
electron-atom [BH17, CYD11]. electron-cyclotron [PBL+18].
electron-electron [DC+10]. electron-loss [Lit13]. electron-molecule
[ART17]. Electron-phonon [PMVG16, CCB+14, KA17, NGM+10].
electron-positron [GGGH14, Kol15]. electron-repulsion [TO10b].
electron-surface [CL11]. electron-transfer [NBM+15]. electron/hole
[Dua12]. Electronic [BDPM15, CJH11, CSL+13, GZL14, THJ+10, WWL11,
BC10, Bjö11, CLC14, Cor14, DO14b, FZ16, GWL+17, GCP+15, HKSW10,
HCC14, JWC17, KKS18, LCC+11, LIZ12, LSK+14, MED11, MNPY14,
MC17, PVK+14a, PVK+14b, PSP16, Rut18, RJKC16, SS10a, TMA+15,
TC12, TG11, YFAT17, zYCG+18, YG12, ZZD15, XNK+16.
electronic-structure [MED11]. electrons [Aza13, BH14a, BH14b, Jab17, KTB17, KQYH17, MDF11, NNNS15, OOK+12, RS12, Sit18, SLEF17].
electroosmotic [SS11c]. electrophoresis [SS11c]. electrophysiology [MFM15]. electrosprining [LPC+15]. Electrostatic [VPM16, BBL+13, CCHL11, CB16b, FK12, GB11, HZW+16, KC18, KK14b, LRR+17, MCWJ15, MRL18, SGDS16, YLQ+17].
electrostatics [CBB14, LCHM10, LCHM13, YBK+11]. elegant [YLYL17, KPA+19].
Elegent [Kas14]. Element [FHTO17, BKOZ16, BCM+16, CCLL18, CMC+15, CAN11, CTL15, CRA10, EKDG15, GML15, GBP13, GLW14, Ham11, IP14, JTH14, KMD12, Koh15, KM17, LW14a, LHJZ10, LCQ18, MTL10, NSM14, Oti13, OVS15, OT11, PS11, RS12, RVD16, RQ18, RTAT15, SW14a, SSV15, Sha13b, Sha16, SBH+12, TXZ15, VDAH16, WP10a, YRR13, ZOZ13, vSGB+18, Hak16].
elements [LW14a]. elelemental [HW12]. elementary [FBG10].
elements [ABB+16, AC13, Arb12, CPWZ18, CCHL11, CK12, CBB14, FNPMB10, HS14b, LA13, MSRL10, PO14, Sar17a, Sar17b, SD10a, USOA13]. eliminate [HHT14]. eliminating [SCM13]. Elimination [MBFB13, YXD+15].
ELMs [SCB+19]. ELRADREN [AFIS12], ELSI [zYCG+18], Embedded [BM13, RHH12, DFM+15, Duf16, MKL17, PS14, PP13, SVGS18].
Employing [Mis13, GX15, JuIAM16]. EMUstack [SDL+16]. enabled [KHBS19, LYP14, VPMVH+17]. Enabling [DSW+15a, ECD+10, GBC+18, ESM17]. encapsulation [DRUE12].
Energy [AAA+16, AK15, BvH15, CM17, MGL13, NJ18, ReV16, AG14, AKV18, BMC+11a, BT17a, BDKS10, BH14a, BH14b, BUJ15, BKA+14, BIT12, CLH+17, CDT1V0, CHDCJA17, CC14, CC15, CXG+19, DCC+10, DGPW11, Den10, DR12, DFM+15, Duf16, Eme11, ECSH16, EFK+19, FTT18, FGGM11, FS17, FZY13, GBD10, Gio18, GZW17, GCV14a, Hah12, Hoh14b, HEWP13, HSI6, JPC15, KTB17, Ker17, KAR+15, KK14a, KCA+15, Kra11, LAA+10, LCV+11, MD10a, MDH18, MSDL12, MMT+11, Miy15, NRSSV12, PB13, RPL+14, RFPM+17, Rom15, SSF+14, SA14, TM14, TVGB15, TS10, UA17, WRFS15, WS11a, WX13, WX14, WZHE18, WP10a, WYH19, Wiel15, Will15, YZ16, ZPH+15, ZZD15, ZKS+18, GHBL18]. energy- [CC14, CC15]. energy-based [WP10a]. energy-conserving [DCC+10].
energy-dependent [Ker17]. energy-invariant [MDHD18].
energy-preserving [Miy15, WX13, YZ16]. energy-stable [WYH19].
engagement [Che11]. Engine
[GBJ+13, CJJ+17, DRI+16, GBFJ14, HDF+19, GBJ+15]. engineering [Che15]. Enhanced [BHNS17, CHDCJA17, Rap11, JTP15, KGFS18, PLD15]. Enhancement [VCMS+13, CLY11, EEGW12]. enhancements [LOK+18], ENO [AAD14]. ENO-flux [AAD14]. Ensemble
[TW11, CHDF10, Les16, LLG17, PE17, VB19]. entry [JXTS16]. enumeration [CS16]. environment
[CPW17, Gio14b, JVR12, RTT+18, SUS+17a, WP10a]. environmental [GMPFC+14, KKS18]. EnvironmentalWaveletTool [GMPFC+14]. environments [FS17, GBC+18, NMCR15]. EPAW [SHW18]. EPAW-1.0 [SHW18]. EPCM [PS14]. epidemic [CF17]. epsilon
[GM17, GS14, HL13, Pra17]. Epstein [Rani10, Yan09]. EPW
[NGM’10, PMVG16]. eqtools [CFW17]. equality [ON11]. Equation
[LB10b, AL17, As10, BB15, BALV16, BK16a, BA12b, Bot12, BMBC+17, BB13b, CWS14, Cap13, CVK+17, CYN19, CZS10, CC10b, CC12, CHZ18, DG10a, DS11b, DZ13, DGST17, DSP15, DM12, Eba13, Evi17, FTI18, Fil13, FGLB12, FGG11, GS15, GVS+15, GA10, GG16, GBSY18, GTC+11, GCVA14b, HLS+17, HP14, HC16, HC17, HWS16, HM12a, HAK+14, HJ14, HS14b, HH11a, HDZ14, HCSW10, IKS19, Ixa10, Ixa12, JC16, JL10, Jiw12, Jiw15a, KL17, KH12, KN13, KBSP12, KP14, KR14, KYSV+15, LD10a, LD10b, LV14, LZZL10, LS12a, LCKM14, LLX16, Lin13, LBB+16, LYSS+16, LY16, MC16, MGL13, MGL16, MC12, MLS10, ML14, MN18, MA11, MM10, MM12, MKJB18, ON12, OILK17, ORS+14, OAKS11, OK14, PSB11, PSBT12, PAS11, PR13, PM16, Pla16, QSC14, RM10a, RHHB15a]. equation
[RBHB15b, STK10, SVS19, ISYS12, SSB+16, SP16, SP18a, SS+13, SD10b, SA15b, SB11, SLEF17, SGSG19, TKSI10, TT14, Ter17, TY10, TH17, TKZ18, UN12, Ume18, VDAH16, VVB+12, Wil19, XHLUF+18, XZ12, YZ16, YZ19, YK18, YSVM+16, YSMA+17, ZFH14, ZSW+17b, ZDWM17, ZST11, ZCG17, dB14, dHV12]. equations
[AAD13, ACCB13, APV10, AB13, AD14, AD15, ABDR17, AG12a, ABH+19, ADdM12a, ACDdM15, ADdM15, ACDdM19, BSM13, Bar11b, BKOZ16, BCT17, BK11b, BB10, BB13b, BAK+15, BAK+16, BAK+17, BHW+12, CZD15, CR13, CDTV10, CB13b, CSJ+17, CKK+13, CBB+10, CM14a, CEF16, DT10, DT11a, DN13, DM17, DJ12, Dem13, DJH13, DJ14, DSG15, DNEO15, EW14a, FDZ17, FBHB17, FF11, FSC13, Fon12, GML15, GJ14, GLJB12, GM17, GX15, HLLH16, HK12, HHC+10, HB12, HM12b, HCHW11, HII11, JP11, JK10, JC13, JC14, JYPA18, JCL+18, Jiw15b, JSLM16, Kan14, KMM13, KD17, KO14a, KZC+10, Kra10, LK12, Lev19, LWZ14, LLP15, LST15, ILSZ14, LLL12, LLL13, sL10, LSSW14, MDHD18, MJB+10, MWCY14, MZE13, Moh14, ICD13, MNO011, NO14, NO12, PKT15, PDRG10, PTS12, PSL+17, PE15, QYM11]. equations
[QA13a, Ras09, Ras17, RBB15, SAW18, SDM+12, SDS+17, SK15, SW14c, SP18b, SCLW16, SMdONF14, Sta11, SSK+13, SL14, TD14, Tia11, TYH+15, VSO+13, VBC+12, VJC12, Wan10a, WZ13, WYSW10, WT15, XWF18, XYK12, YWX11, YTYA17, YQM12, YQM14, Zou18, dHV10, dTOV18].
equiangular [ME18]. equidistant [LS15b]. equidistributed [GN14].
equidistribution [DF11a]. equilibration [iNSK+15]. equilibria [CFW17, LC15, MZE13].
Equilibrium [ALC18, BDBV12, BPS+16, FBHB17, Hon10, JBKM15, KSL+11, PLF+17, PBD+15, SC15, Sin11, Sin12a, mZfXL15, dSFdFF13, LZ17].
equipment [MGFRG12, RBG+19]. Equivalence [FD13, Che17, Ram10].
Erratum [ERS10c, Nat10, SGM11a, Wei11a, Wu10].
Error [BPMM14, PEMSI9, ABH+19, BvK16, CIP13, ÇÖSÜ11, Exl17, FMW10, JCL10, Kra17, Kra18a, LS15b, MLS10, MBFB13].
estimates [BKV16, KKK+15, LS15b].
estimation [DS15, KTA12, ABH+19, BBB17b, DMP18, EVB14, IBB18, SM14, Sha18, TW15].
Estimator [As10, SAA+10]. etched [VSG17], etching [MFG+13].
European [AGL11]. EUTERPE [SSS+11]. Ev8 [RHHB15a, RHHB15b].
evaluate [MVN13]. evaluating [LHJ+15, RLL12, SZC+13, UA17, WDR16].
evaluation [AHK+12, ACD+14a, AC13, AG12b, BBUY13, BDJS18, BCH13, BHJ+15, BvH15, CZ17, CSRV13, Deg15, FSH13, GBRB11, HJL+14, KZ14, KHN19, LAA+10, LSYZ12, MGB18, MSR10, MR13, MN16, MFG+13, PZL+19, PVK+14a, PVK+14b, Str15, TO10b, Yi11, ZC12, vH11].
evaporation [TB14, XLX+15]. Event [DDM14, GGH14, KBT+14, MM11, TMD11, VR15, VR18, BPS18, CKS10, CK19, De 11, dAFdSVM12, Gin10, GtL11, Kas14, KRW13, RHHF12, Sha16, YWW13, vH18].
EVO [BK13a]. EvolFMC [JPS10]. Evolution [Cho11, HLS12, ABH+19, BCR14, BCT17, Bot11, Brá15, CJJ+17, FSJ+16, GM16, HK12, Hon10, HWC11, JPS10, JMG+17, MBRV+13, SW11, VPM12, XLX+15].
Evolutionary [BK13a, AFZ17, AFZ18, FLA+16, LZ11a, LZ11b, LOSZ13, SHW18, Wei18].
Exact [CS16, ID18, JP11, MP11, MTO15, PMMW15, SH12b, SH16, BK+17, CL10, HCH16, HW12, LKL11, Lee18, Pla16, QLN14, SA15a, Wei99, Wei11a].
extact-exchange [HW12]. EXAFS [PCVZ11, TKP12]. Examining
[WAHL13]. exascale [AGL11, DdJC+19, KY14]. excellent [DSW+15a].
Exchange [NHD16, ABC+18, AAB+10b, BKC+17, Boe18, DG10c, GXF+15, GJB11, HW12, IO16, IFO18, JJ15, LK15, LKT+16, MOB12, UO15b, UO15a, WISA11]. excitation [BP12, CM15, GVS+15]. excitations [MC17]. excited [BP12, CWW15, Er14, GH11, LH11, LMAR16]. exciting [PGD17].

exciton [VBMS17]. exciton-polariton [VBMS17].

exchange [NHD16, ABC+18, AAB+10b, BKC+17, Boe18, DG10c, GXF+15, GJB11, HW12, IO16, IFO18, JJ15, LK15, LKT+16, MOB12, UO15b, UO15a, WISA11].

excitation [BP12, CM15, GVS+15]. excitations [MC17]. excited [BP12, CWW15, Er14, GH11, LH11, LMAR16]. exciting [PGD17].

Exchange [NHD16, ABC+18, AAB+10b, BKC+17, Boe18, DG10c, GXF+15, GJB11, HW12, IO16, IFO18, JJ15, LK15, LKT+16, MOB12, UO15b, UO15a, WISA11].

excitation [BP12, CM15, GVS+15]. excitations [MC17]. excited [BP12, CWW15, Er14, GH11, LH11, LMAR16]. exciting [PGD17].

exciton [VBMS17]. exciton-polariton [VBMS17].

exchange [NHD16, ABC+18, AAB+10b, BKC+17, Boe18, DG10c, GXF+15, GJB11, HW12, IO16, IFO18, JJ15, LK15, LKT+16, MOB12, UO15b, UO15a, WISA11].

excitation [BP12, CM15, GVS+15]. excitations [MC17]. excited [BP12, CWW15, Er14, GH11, LH11, LMAR16]. exciting [PGD17].
[AHK+12, PáI12, YFAT17]. **Faddeev** [DVBI11]. **Faddeeva** [Cha16]. failure [Pra11]. **Falkner** [RL10]. *family [ACDdM15, ADBdM15, DZ13, rJmYT11, NCHN15, WCT11]. FAPT [BK13b]. far [CFZ18]. *far-field [CFZ18]. **FAST** [Ruf13, ABRS12, BG13a, BKM11, Bot11, BGL+14, BSW12, CZ17, CdLOL19, CC10b, CC12, DHJ13, GRZ10, HC16, HS16, KAK12, KME+11, KHN19, Lat15, Maz13, MSS+14, PKRS16, TO10a, VLPFM14, WISA11, WSO+12, AGB+15, BT17b, BMBC+17, Bru13, CJJ+17, CRLS18, CB15d, CCN17, Dat13, Fow18, GMF+17, GH14, GCH+18, Ham11, HDF+19, HP11, JLW13, KL17, KKL+18, LC15, LCQF18, LL15, LCHM10, LCHM13, LLX14a, MRZ10, OL12, OYK+14, Qia10, Qia17, RMW13, Ser17, Sza16, iTi11, TSIM16, WX15, XAPK14, YBK+11, YBN13, ZHPS10, ZC12, ZPvR16, vWB10, EBD17, FCC15, JLW13].

**Fast-NPS** [EBDM17]. **Faster** [Nie18]. favourite [DDK+15]. **FCNC** [CRC+13, RCD+10, Ros15]. **FD** [DM17]. **FDCHQP** [WW14]. **FDTD** [Ram10, BAR12b, CKK+13, Fan19, FBN+13, FOB+15, Jia18, KKP11, KP12b, KO14a, KRBl5, LJ+19, ORI+10, PYW+14, Ram10, Ram12, RHV+12, SSH+13, VEB+18, WW14, Yan09]. **FDTD-based** [BAR12b]. Fe [LQZ+13, BTM+17, SL17a, TG11]. Fe-3 [LS17a]. **FEAST** [LZ12].


FeynArts [FHH+14, Sta10, SV12]. FeynCalc [SMO16a, Sht17]. **FeynDyn** [Dat13]. **FeynHelpers** [Sht17]. FeynHiggs [HP17]. Feynman [Bor14, Dat13, Ell17b, Fri14b, GM17, Kan18, MU18, Nog17a, Nog17b, Pan15, Sem16, Smi15, Smi16, Stu10, XWhZ13, WX15, dALM+12].

Boy15, CSL+13, DdMN16, ELL+17a, GPS+13, GM18, GCVA14b, JLA+14, LSL11, LS17a, NS15, SS13b, SWL11, VDF15, ZZ17a. First-order [VDF15].
First-principles
[EF11, FWZ+12, PBMA12, CSL+13, LZL11, SWL11, ZZ17a]. Fission
[VR18, Rom15, VR15, VR15]. fit [Gag12b, GH18, SGDS16]. fits
[DS15, AGBK16]. fitted [CFMR10, DMP18, FG13, KMS14, KV10b, Miya15, PS14, RAA14, WT15, YZZ11]. fitter [BGH+18]. Fitting
[GD14, BW16, Ber16a, Ber16b, BPMMA12, CSL+13, LZL11, SWL11, ZZ17a].

First-body [XMLC16]. fixed-body [XMLC16]. fixed-memory [LP15].
fixed-phase [BMW14]. fixed-point [KK16a]. fixing
[CSBO13, HbotRC15, SV13]. Fitting
[GD14, BW16, Ber16a, Ber16b, BPMMA12, CSL+13, LZL11, SWL11, ZZ17a].

Flexible [CSBO13, HbotRC15, SV13]. Flexible
[GD14, BW16, Ber16a, Ber16b, BPMMA12, CSL+13, LZL11, SWL11, ZZ17a].

FlexibleSUSY [AhPS15, ABH+18]. Flexible
[GD14, BW16, Ber16a, Ber16b, BPMMA12, CSL+13, LZL11, SWL11, ZZ17a].

Floquet [LKM+16]. Flow
[TC+15, CSR13, DLGP10, FCC18, HvAS+13, JK14, KPA13, LDR+17, ORI+10, PH13, SGM11a, SGM11b, SC16a, KBT14].
FlexibleSUSY [AhPS15, ABH+18]. Flexible
[GD14, BW16, Ber16a, Ber16b, BPMMA12, CSL+13, LZL11, SWL11, ZZ17a].

FlowPy [FSC13]. flows
[ACMM10, BHNS17, BFB+13, BOGL17, BCM+16, BTC+17, CCD+16, CPR12, CLG19, DBMR18, FDZ17, GSC+16, HZW+19, HJGL18, JoV17, JPK+12, KI10, Koh15, KPPC13, LSK+13, LH18, MTE17, MRVF13, ML16, NC18b, PB1+15, PE15, RLLL16, SYD17, SCM+18, Sza13b, Sza13a, TIMM13, TCP13, WZS+11, WG16b, XD16, YS17, ZOZ13, ZPS+18, vdS10].

Fluid
[OBPL19, WWR+16, BHNS17, BHS18, CCD+16, CGJ14, CLI13, DOP17, DF11a, DCU+19, DMC10, GZW17, GLW14, HWC19, HF16, HCH11, KI13, KNC18, KF18, KTE+12, Koh15, LOL+18, LHH+12b, LH18, LSD18, LHGF18, LDF+16, MOD13, ML17, MJKB18, OP12, PVK+17, SH12a, Sch14a, SLR+11, SHL+11, SQA+15, TD17, sX14, ZZG16, ZFR18, ZG14].
fluid-elastic [KGFS18]. fluid-particle [Sch14a]. fluid-structure
[DCU+19, LH18]. fluid-type [HF16]. fluids
[OBPL17, CZ18a, DS11b, BOPL19, WWR+16, BHNS17, BHS18, CCD+16, CGJ14, CLI13, DOP17, DF11a, DCU+19, DMC10, GZW17, GLW14, HWC19, HF16, HCH11, KI13, KNC18, KF18, KTE+12, Koh15, LOL+18, LHH+12b, LH18, LSD18, LHGF18, LDF+16, MOD13, ML17, MJKB18, OP12, PVK+17, SH12a, Sch14a, SLR+11, SHL+11, SQA+15, TD17, sX14, ZZG16, ZFR18, ZG14].
GAHP15, JPK+12, MRZ10, SGNL17, SSF+17, SA14, WLU11, XD16].
fluorescence [CGDS11, MD11b, ZLM12, RMW13]. flux [AAD14, GAB+16, 
HO13, HF16, HHC+10, LHI+15, QM10, SMC+17, TCP13, WFV14, HSD17].
flux-coordinate [HO13, SMC+17, HSD17]. flux-difference [TCP13].
flux-driven [GAB+16]. flux-vector [QM10]. fluxes [BHN+16, ORS+14]. fly
[GGG16, Ray10]. FMFT [Pik18]. FMM [CLB11, ZHPS10]. foams
[KDM17]. Fock
[BMW14, PSL+17, SEW12, SEW14, SW14b, SDM+12, SDN+17, SSK+13, 
BM16, DG10c, Fis11, GB110, KAK12, Kob13, KS12, OT11, ZF16, ZYZ15].
FOCUS [CFF19]. Fokker [BMBC+17, JSLM16, KBSP12, PG17, SLEF17].
folded [DPB16]. folding [GC10, GC13, GC16, GC18, LWL11]. following
[HSK+12, KYKN15a, KYKN15b, Nic11]. food [PCEH15]. forbidden
[MD10a]. fords [DG16]. Force
[BS+16, SEGPI5, YK12, AK15, BW16, BJ11, BMDP19, BDGM+17, 
DFM+15, DuF16, ESM17, FSH13, LS16, RK11, SGM11a, SGM11b, Ume18].
Force-gradient [SEGPI5]. forces [ASGLK10, BTM+17, BWPT11, 
GAHP15, GD14, KK17, MOD13, RC15, RU12]. forecast
[ADt16, ADt16b, CDt14]. forensic [DSU+17a]. form [AHK+12, 
GM17, KO14a, Pol12, Zhe15, CMS17, KUV13, KUV15, TV10, CKJR11].
formalism [FWZ+12, KCA+15, MBF+10, THJ+10, VKP14, Voy13]. format
[ABC+18, BDKS10, CMSV14, DKOS14, GVPJ18, JTH14, dBCH14, RSSH+10].
Formation [NJ18, BRL12, BSWC14, CGSB18, CHDF10, GLL11, HKF+12, 
IBKK11, MTS+16, UY11, ZZ1+16, ZDD+13]. FormCalc [FHH+14]. forms
[MWCY14]. FormTracer [CMS17]. formula [ACC17, CMM12, TO10a].
formulas [BCMS10]. formulation [CKT17, CLJ12, CB15b, GS17a, 
HRC11, Kap12a, Kap12b, MMA15, VEB+18, ZDWY10]. formulations
[Ram12, Ram14, WLU11]. FORTRAN
[MAI17, AC16, BS13a, BW12a, BV13, BD14, DET12, DHL17, GH18, 
GST12, HE13, HM12a, JCL10, KS12, KYSV+15, LZL11, MBGK11, NS11a, 
PY16, PG10, Sar17b, ISYS12, SGG+10, SGG+18, SH13, ST15, STY18, 
SS10a, SF10, WW14, YSM+16, YSA+17, YB13, Zag14, vh10].
Fortran-77 [GH18]. Fortran-based [DHL18]. Fortran2003 [DLW+18].
forward [MAC12, VEM12]. Four [Boy15, dSF18, ARAB+17, BH13, GKM10, 
GSMK17, KMA+12, MBGK11, MGK13, Mm11a, Pik18, SMGM14].
four-dimensional [KMA+12, Mm14a]. four-loop [Pik18]. four-particle
[GKM10, GSMK17, MBGK11, MGK13, SMGM14]. four-point [BH13].
four-quark [ARAB+17]. Fourier [FCC15, JLW13, AQJ10, AH13, BK11a, 
BCM+16, CZ17, CZ18a, GMF+17, HbotRC15, KZC+10, LDF+16, MJY+10, 
PCRM14, RWK15, SS11b, SBV13, TO10a, Tres11, WLM14, YZ16]. Fourth
[BK16a, MC16, XYK12, BIT12, DZ13, HZ11, KMS14, LLK16, ILsSZ14, 
NS15, PZZ19, SN12, SS10b, UNK12]. fourth-degree [UNK12].
Fourth-order
[BK16a, XYK12, BIT12, DZ13, HZ11, LLK16, ILsSZ14, PZZ19].
FOXTAIL [TJH17]. FP [FWZ+12]. FPGA [KHZ+18]. FPGA-based [KHZ+18]. FracSym [JC14]. fractal
[ADm+12b, EBCBG17, GTL11, GFB+10, GGF+13, RU13, GGF+13, GES13].
fracture [BMS+16, ZTG13, ZTG14]. fractional
[CYN19, Dev12, DS15, HZ11, JC14, JL10, LLL13, MDHD18, PSB11, PSBT12, SW12b, YQM12, YQM14, BK13b]. fracture
[RTAT15, VLM11, VLM11, VLM11]. fragment [FWZ+12]. fragmentation [BG14a, DG16, HK12, MST+18]. frames
[MFS+10a, SS11b]. framework
[AKH+18, Ano11o, CMC+15, CEZ16, CPWZ18, CFS13, CFFR15, DMC+15, ESM17, DRI+16, GVR19, GBFJ14, HMR14, HM12b, JEC+12, JNN12, JNN13, KEH12, KSTR15, KSH14, KPOR18, LFKD18, LSDD14, LS14, LS15a, LW+15, Lzp12, MLR10, MGFRG12, NBM+15, NPVR14, PGO17, RBG+19, RM14, SV14, SSX14, St18, SPS18, Sva12, TOB+14, TE18, TVT+16, VEB+18, WFV14, ZHZ+18, ZHL11, CF16, FCC15]. Free
[ACMM10, Gen10, VS19, AK15, ACTP15, BCT17, CCD+16, CGM17, CP15a, CPCDm18, CXH+15, CZF18, CPR12, Deu16, DFM+15, Dufl6, DGG13, FYK18, FS17, FLE19, FBHB17, FM15, Gio18, Hon10, HS16, HHS+10, JPCG15, JCL+18, KT12, KST14a, KH12, LKA+16, LF12, LWES18, MRL18, Mc17, MSS+16, ORI+10, PH11, DMI16, RJ1L16, SA14, UA17, Wil15, WPV14, XD16, ZG14, ZOZ13, ZPH+15, Zhe15, ZMCT12]. free-boundary
[Er14]. Freeze [BBG+18]. Freeze-in [BBG+18]. Frenkel [AM11]. frequencies
[KMD12, RSA14, RJ12, YFAT17]. Frequency
[HC17, BDGM+17, GLAC13, GB14, Hsu11b, KMD12, KM17, KSY17, LY16, Lag+17, MCP+11, Oti13, PP13, Ram10, SVG10, TSM16, TIM+16, TUY15, WCT11, YZWR14, MCM+12]. Frequency-domain
[AMM11, HST+11, RU12]. frictionless [LDW13]. Friedel [TW11]. friendly
[CF13, RFPM+17]. fringe [MB12, MB12]. FRODO [AC13]. frog
[DNPS13, AM14b, BMU11, CL15a, CGBR14, CFF19, Dan11, DGS+19, FYK18, FEH11, GAB+16, HEF12, JBG+17, KG+16, Liu15a, LWES18, PBMA12, PCG14, Wie18, YTYA17, ZY15, RSSH+10]. full-
[LOL+18, LWES18, FVH18, HHS+10, KRB15, PN15, Pik18, SSB+16, VVB+12]. Fully-implicit [LOL+18]. Fully-relativistic [LWES18].
FUMILI [Sit14a, Sit14b]. FUMILIM [Sit16]. function [AQJ10, AKR15, AK13b, ACDdM19, BH11, BSGG10, BK16b, Cha16, CDL+12, DCC+10, DN18, DM17, DdMN16, Fen12a, Fen16, FM12, GST12, Jab12, Jab13, Jab15, Jab19, JLM18, KDM11, LSF14, LKL11, Lee18, LHS14, MR13, OKP10, PLF+17, Pla16, PM13, Raw15, RMC16, SS11a, SGSG19, TTT16, Veb12, XD13, XHD15, YTYA17, ZF15, ZDWM17]. function-velocity-magnetic [YTYA17]. function/orbital [SGSG19].

Functional [BC10, DBB12, GS17b, GS17a, LT15, VCMS+13, ASA18, AKZ+13, BBH11b, CDTV10, CXH+15, FSC13, GWL+17, GBR+14, GSZ13, HB12, HHS+10, JCW+13, KT12, KCT13, KKL+18, LSR+17, LS11, MGRB11, MOB12, MSS+16, MC17, OOK+12, OT11, RHC15, RCH16, Roh16, RWKS15, SCRS17, SBH+12, SA14, TVGB15, VBS+17, WX14, WLGY18, YLYL17, YRR13]. functionality [CB15a, CB17]. Functionally [WT15]. Functionally-fitted [WT15]. functionals [GBR+14, LRW+15, MOB12, NPAD11]. Functions [CGO17, ARAB+17, AWK+16, BCC+18, BDBV12, BMW14, BKK13, BKM14, BK15, BK16b, CM10a, Cai11, CMSN18, CD15, CCWL11, CLJ12, CSRV13, CEP10, Cou13a, Cou13b, DRR15, DGST17, EUT+15, Ert15, ER+12, Fow18, FP14, GBD10, GST15, GTS14, GS14, GYW+10, GCAV14a, HK12, HCH16, HL13, HMC12, JL12, KK16a, Kap12a, KH11, KCL11, Kir10, KAW+10, LD10b, LM12, Liu11, Liu13, MK10, MYP+14, NGM+10, OWS+14, PPY14, PDRG10, PG10, PVK+14a, PVK+14b, PMVG16, PB16, RA13, RE12, Sar17a, Sar17b, SSG+10, SSG+18, SPMM11, SD10b, WWS10, WAHL13, WPD+15, ZDWY10, ZMCT12, vH11]. fundamental [LZP12, MK10]. Fusion [RtV16, AGB+15, DDKM15, ECHS16, FK12, FR15, HLM13, Hon18, HJL+14, KRK16, LLQX19, LHJ+15, Maz13, MN18, PBL+18, Shi16]. fuzzy [GES13]. FV [dlRM18].


GNU [YSMA+17]. GO [BD12]. Godunov [KPPC13]. gold [YLYL17, ZDD+13].

golden [YLYL17, ZDD+13]. Golem95C [CGH+11, GHvSF14].

good [MA11, TC11a, YZ16]. goodness [Gag12b, GH18].

gordan [HR11]. Gordon [DN13, KZC+10, AH13, DG10a, DG10b, Eba13, JPM12, LD10a, MD10a, Pål12, PTS12, RM10a, SW14c, dHLV12].

GPScan.VI [Fer15]. GPU [AKS17, BS14a, BBF+13, BBS14, BL17, BD10, BP10, BTL+17, Boe14, BTL+17, CCL18, Cap13, CMVRB+14, CMVRV16, CHNS18, CCL18, CSSB15, CRLS18, CBYG18, CRB+17, CLB11, DRR16, DS13a, DCVG13, DGG13, ELDS14, EL+17a, Exl17, FFT+14, FGC+11, FDWC12, Fil13, FBN+13, FOB+15, Gai17, GP13, GJ13, GLHG12, GHR+16, GB17, GCC+18, GJ18b, Ham11, HXW+13, HPN18, HW12, Ihn12, JK14, JPCG15, JXTS16, JWC+13, JWCW17, KKP11, KT14, KPA+19, KO12, KOR13, KO14b, Kom15a, Kom15b, KO16, KMA+12, LYP14, LCC13, LG13, LS11, LBP15, LWRQ16, Lut15, Lya15, MD16, MÅWK18, MPM14, MFM15, MHR+13, MTT13, NHD16, Ng17, OP12, PR14, P15, PB+17, PKRS16, RD10, Sm10, SGNL17, iSYS12, Sm16, Skm16, SK15, T17, TS19, TCC18, TDL+14].

GPU [TPC16, WXW14, Wei11b, WHS+14, Wu19, WC13, WAW14, XLX13, YHL11, ZSW+17b, ZPS+18, ARYT17].

GPU-accelerated [ELDS14, GHV+16, TL17, WXW14, BTL+17, Cap13, CRB+17, DS13a, GJ13, Ham11, HXW+13, MHR+13, Ng17, PBS+17, XLX13].

GPU-accelerations [GCC+18].

GPU-based [Boe14, CMVRB+14, FDWC12, JPCG15, KO12, Kom15a, KMA+12, LCC13, PKRS16].

GPU-centric [Sie16].

GPU-code [EZBA16].

GPU-enabled [LYP14].

GPUQT [FVH18].

GPUs [BL18a, Boe18, ACD+14a, AAT17, AEKO18, BS14a, BCD12, CMVRV14+14, CB13a, CSBO13, CWY+17, CBB+10, CSV+18, CH11b, CBB14, Dat13, Dem13, DSP15, ECD+10, FOG11, GNA+15, GJB11, GM18, HTJ+16, HA13, HLY+15, LQ18, sLQsL+13, MR14, Mazz13, MRSD15, MKB+11, ON12, PVK+17, SV13, SÖÖN11, SAN18, TK14a, TCP13, WXW13, WAHL13, WRR18, WWM14, YL12, YBK+11, YBN13, dJB1M16].

GPUs-The
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**Gyrokinetic** [KGG+16, DJ14, GAB+16, HKJ+12, JBG+16, JBG+17, KS16b, KH12, MIW+12, MIW+13, MWI+19, MKR+12, PDJ10, SISW10]. 

**gyrokinetics** [DGS+19, ZW15]. GYSELA [DGS+19].

**H** [BL18a, KSKY18, PCEH15]. **H-COUP** [KSKY18]. **H1** [GRZ10].

**H2SOLV** [PZY16]. H5MD [dBCH14]. Haar [Jiw12, KMM13]. Haas [RJ12].

**Hadron** [BSW12, ACD+14a, BDC+14, BHZ13, CCN17, CM14b, DDKM15, Gao13a, GLS+13, Gri10, OK12, OK18, S512, SZY+12, ZYL+15, Tom16]. hadronic [CWW10, CWW15, CPWZ18, GLPQ11, KW10, MIW+12, MIW+13, MWI+19, SISW10].

**hadrons** [Kol15]. hadroproduction [WW14]. haggies [Rei10]. Haldane [BDK11]. half [HM12c]. Hall [VPM12]. Hall-driven [VPM12]. halo [JH11]. HAM [ZLL13]. Hamiltonian [BRE+17, Bre18, CS16, CT14, DB15, DBK+12, DDKM15, Gao13a, GLS+13, Gri10, OK12, OK18, S512, SZY+12, ZYL+15, Tom16].

**Hamiltonians** [BM16, CNMC10b, HHC16, LJB+16]. hand [STK10, TKS10].

**Handheld** [CDSG11]. handle [CBB14, Var16]. handling [HL18]. Hankel [VPM12].

**Hadron** [BSW12, ACD+14a, BDC+14, BHZ13, CCN17, CM14b, DDKM15, Gao13a, GLS+13, Gri10, OK12, OK18, S512, SZY+12, ZYL+15, Tom16].

**Harmonic** [BD14, BDP16, BDV11, GKM10, GSMK17, GBFS11, LL16, LLP15, sLsqL13, ME18, MBGK11, MGK13, dIRL11, PSL+17, SDM+12, SMS+17, SS11a, SMGK14, SSK+13, TVT+16, VB19]. harmonic-oscillator [GKM10, MBGK11, MGK13, SDM+12, SMS+17]. harmonics [ASS13].

**Harness** [KBT+14]. Hartmann [ZOO13, ZNT15]. Hartree [PSL+17, SW14b, SDM+12, SMS+17, SSK+13, ZF16, BM16, BMW14, DG10c, Fis11, GB10, KOb13, KS12, OT11, SEW12, SEW14, ZY15]. hase [SKB10].

**HASEonGPU** [EZBA16]. hashing [JWM+18]. Hastings [GM14, MP11].

**Hastings-class** [MP11]. **HATHOR** [ALL+11, KKK+15]. **HAWK** [DDKM15]. HDECAY [CGG+14]. **HD** [LLX14b, LWL12]. heart [ZBM11]. heat [CB15b, CZF18, DBMR18, Fr10, HWS16, JYPA18, LWZ14, MLS10, MK10, iSY12, SR12, SN16, XZF12, ZMCT12]. heat-bath-inspired [Fri10]. heating [BB13b, JGC+11, MTM14]. Heavy [ALL+11, LCL+11, BKM16, BG14b, CWW10, CKFB12, CCN17, HLM17, JuIAM16, KB14, MM11, S13b, Sha16, S3S+16, WW14, WW13].

Heavy-baryon [LCL+11]. heavy-ion [SQS+16]. heavy-quark [CCN17]. heavy-top [HL17]. Heine [GLX+14]. Heisenberg [BPP11, HvWT17, KGS10]. **HELAC** [BCG+13, Sha13b, Sha16].

**HELAC-NLO** [BCG+13]. **HELAC-Onia** [Sha13b, Sha16]. helical [LFG14]. helices [HFSK12]. helicity [CKJR11, dALM+12]. helicon [ML14]. helium
[CHH+11, LB11, LB12, Min11, SQA+15, WFM14]. helium-4 [Min11].
hehelium-like [LB11, LB12]. Helmholtz [CC10b, CC12, OK14]. helper
HePML [BDKS10]. Hermite [CDBM16, LDF+16, PDRG10]. Hermitian
[BW12b, CDMCN11, JK13, LWW10]. HERWIG [KRW13].
heteroepitaxial [Dan14, Dan16, Dan17]. heterogeneous [CF17, DCVB+13, GXF+15, LSYZ12, MFMI4, San11, TKP15, VLPPM14, XIX+15],
heteropolymer [Fri17] heteroscedasticity [ICPD16]. Hidden
[Dan14, Dan16, Dan17]. hidden [KZ11]. HiddenSecSOFTSUSY [KZ11]. Hierarchical
[Hoh18, Roh16, CB15c, DA+19, KN13, MCWNJ15, QJF16, ZMV+E+13]. Hierarchical-gradient [KN13]. Hierarchies [JBB11]. Higgs
[EMW19, ERS10c, AC17, BGM+14, BHH+10, BBH+11a, BHZ13, CGG+14, DDKM15, DLM18, ERS10a, ERS10b, FEH11, HP17, HLM13, KKS1Y, MGS13, SAE+16]. Higgs-mass [HP17]. HiggsBounds
[BBH+10, BBH+11a]. High
[AAA+16, AQJ10, BCT17, BvH15, EIN16a, GS15, Gai17, GBFJ14, HvWT17, JT+17, LWL12, LSR+17, MF17, MD10b, ML16, DPHB17, NS15, NO12, PHA18, RHWF+12, SSH+13, SA15b, SMGK14, TY10, WVGV1L17, AAD13, AAD14, Ara14a, Ara14b, AH13, BDT15, BKD10, BH14a, BHC17, BCDP18, BWPT11, BKPT12, BY13, BMG+15, BDGM+17, CFMR10, Cap13, CNS+18, CZ18b, CMJ+11, CD12, CL15b, CR12, CBG17, CBY17, DBMR18, DGPGW11, DRR16, DJ11, DM17, EZBA16, ECD+10, EGT+18, FTT18, FG13, GLAC13, Gar19, GA10, Hah12, HEPW13, HMY11, JHI11, JVR12, Koh15, KSY13, LV15, LM16, LWZ14, Liu15a, LJD+19, LWJV18, LAG+17, LLX14b, MMO+17, MTE17, MA19, M16, MVS15, MLK+17, MLK+19, MNO11, PE17, PPK+17, PGO17, Qia10, RRSCJ10, RLS16, SHW18, Sch14b, SHZ13, SLK19, SCXJ18, SCM+18, SPSP18, Tia11]. high
[TGH+16, TS10, TV16, WWS10, WC10, WS11a, WWC+16, WvS16, WLM14, Wie15, WWR+16, XHLUF+18, YvOSM15, Zal14, ZD15, ZH14, ZOZ13, ZZ17a, ZW15, ZNT15, DBL16]. high- [CMJ+11]. High-accuracy
[AQJ10]. high-density [HYM11]. high-dimensional
[CZ18b, DM17, WC10, WvS16]. high-energy [Hah12, WS11a]. high-entropy [PE17]. high-frequency [BDGM+17]. high-intensity
[SCXJ18]. high-level [MVS15]. high-level/high-performance [MVS15].
high-nuclearity [DR16, RRCJ10]. High-order
[BCT17, MF17, MD10b, RHWF+12, SSH+13, SA15b, TY10, AAD13, AAD14, Cap13, DBMR18, DJ11, EGT+18, FG13, GA10, Koh15, LV15, LWZ14, LWJV18, MA19, MLK+17, MLK+19, PPK+17, Qia10, Tia11, VV16, WWS10, WWR+16, XHLUF+18, Zal14, ZH14, ZNT15, DBL16]. High-performance
[GS15, Gai17, JTW+17, LSR+17, DPHB17, Ara14a, Ara14b, MVS15, SHZ13].

- **High-precision**: [BDT15, LM16, SLK19].
- **High-pressure**: [SHW18].
- **High-resolution**: [PHA18, BMG+15].
- **High-speed**: [CNS+18].
- **High-temperature**: [HvWT17, Liu15a].
- **High-throughput**: [ZZ17a].
- **Higher**: [ABdA15, CD15, KO14a, WP10b, ACDdM15, Cha16, CLJ12, DKOS14, MO14, SR12, SC16b, SB11, VJC12].
- **Higher-order**: [CD15, KO14a, Cha16, SC16b, SB11].
- **Highly**: [CH11b, LBP15, MTM13, MGR16, PFKK19, dSF18, BY17, GRLS18, HBP+15, MSL10, SEW12, SEW14, WQ18, WDR16, YBY13].
- **Highly-efficient**: [WDR16].
- **Hiking**: [Bra15].
- **Hilbert**: [ERPDFLS15, SA15a].
- **Hilliard**: [LLXK16, YZ19].
- **Hirshfeld**: [EPP12].
- **Histocompatibility**: [HFSK12].
- **Histogram**: [FLE19, CMVRV+14, CMVRV16, Sha18, VK14].
- **Histogram-free**: [FLE19].
- **Histograms**: [AMR15, Gag12b, Gag12a, GH18].
- **HMC**: [CDS+13b, KP12a].
- **HNLS**: [SB11].
- **HOC**: [TY10].
- **Hole**: [Dua12, Gin10, LZL11].
- **Holm**: [ZST11].
- **Hologram**: [BGL+14, JTP15, MSS+14, WSO+12].
- **Holograms**: [BD10].
- **Holographic**: [FBN+13].
- **Holography**: [MSI+10, ZSW+17a].
- **HOMO**: [KAR+15].
- **Homogeneous**: [Asi10, BK11b, MSHLS15, MSHL17, PN15, SCNJ18, SLEF17, vMB14].
- **Homotopy**: [CS10, PSBT12].
- **Honeycomb**: [MHHL11].
- **Hooke**: [RGKR17].
- **Hopf**: [Bor14].
- **Horizontal**: [ME18].
- **Horn**: [BKM14, BK15].
- **Horn-type**: [BKM14, BK15].
- **Horner**: [BKM14, BK15].
- **Horner-type**: [BKM14, BK15].
- **Horner**: [KPVvdH13].
- **HOS**: [DdJC+19, CCdC+11, GBK+12, HL18, OLG+16].
- **HPC**: [HPC12].
- **HPL**: [M^12].
- **HRMC**: [MHV17].
- **HRMC.1.1**: [OPR14].
- **HTC**: [CCdC+11].
- **Hubbard**: [MHHL11, SA15a, SH12b, US16, WL11].
- **Huge**: [WSI13, BMC+11b].
- **Huge-scale**: [WSI13].
- **Hut**: [W^12].
- **Huygens**: [VLZ17].
- **Hybrid**: [BCTP18, GJLB12, KSS18, LRW+15, ML17, OPR14, SSB+16, SS11b, TH17, VCS+13, WDL11, WL11, YHL11, dIRM18, AAD14, BMC+11a, BD12, BT17a, BWPT11, BKPT12, BY13, BMDP19, CW16, CL13, DCE+19, ES11, FGR14, GWL+17, GC12, G1u19, G1w12, HL16, JTN+11, Jiw15a, K13, KKL+18, KCS+15, LCY+11, LHC+13, LHH+12a, LSY12, MIW+12, MM17, MKU+12, MSM+11, MJKB18, PZZL19, RTT+18, SZ15, SP18b, SS13b, SPS10, SYE+18, SGSG19, TFBW14, WLG18, WC13, WA14, YvOSM15, YLQ+17, YXT+15, ZC12, GBR+14, HKZN17, OPO+11, OPSR13, Urb18].
- **Hybrid-optimization**: [WLZN17].
- **Hybrid-stabilized**: [JTN+11].
- **hybrid-symbolic**: [SZ15].
- **hybridisation**: [SKFP16].
- **Hybridizable**: [SV19, HLLH16, LLP15, LLMW17].
- **hybridization**: [AK13b, HWG13, SGW17, VPP+12].
- **hybridizations**: [SGW17].
- **hybridizes**: [YL17].
- **hydraulic**: [WNYP17].
- **Hydrodynamic**: [MOD13, BOGL17, GZW17, KHB14, LCH11, LW11, WSH+14, ZD15].
hydrodynamical [NAQ16, QA13b], hydrodynamically [APC+14].
Hydrodynamics [CDR+15, FHTO17, GRLS18, KS16a, DCVB+13, DCGG13, EKK14, GLB13, GCH+18, HLS+17, HPN18, JXTS16, KPPC13, MRSD15, NFS15, RH17, RTA10, SC15, SC16b, SN16, WRR18, dIRM18].
hypercubes [TOB+14]. HYPERDIRE [BKM14, BKK13, BK15, BK16b]. hypercube [TOB+14]. HYPERDIRE [BKM14, BKK13, BK15, BK16b]. Hyperbolic [AOK15, AAD14, BB10, CGM17, DJ11, Ert15, Jiw15b, PKT15, RD10].
hypercubes [TOB+14]. HYPERDIRE [BKM14, BKK13, BK15, BK16b]. Hyperbolic [AOK15, AAD14, BB10, CGM17, DJ11, Ert15, Jiw15b, PKT15, RD10].
Hyperbolic [AOK15, AAD14, BB10, CGM17, DJ11, Ert15, Jiw15b, PKT15, RD10].
hypercubes [TOB+14]. HYPERDIRE [BKM14, BKK13, BK15, BK16b]. Hyperbolic [AOK15, AAD14, BB10, CGM17, DJ11, Ert15, Jiw15b, PKT15, RD10].
hypercubes [TOB+14]. HYPERDIRE [BKM14, BKK13, BK15, BK16b]. Hyperbolic [AOK15, AAD14, BB10, CGM17, DJ11, Ert15, Jiw15b, PKT15, RD10].
hypercubes [TOB+14]. HYPERDIRE [BKM14, BKK13, BK15, BK16b]. Hyperbolic [AOK15, AAD14, BB10, CGM17, DJ11, Ert15, Jiw15b, PKT15, RD10].
hypercubes [TOB+14]. HYPERDIRE [BKM14, BKK13, BK15, BK16b]. Hyperbolic [AOK15, AAD14, BB10, CGM17, DJ11, Ert15, Jiw15b, PKT15, RD10].
hypercubes [TOB+14]. HYPERDIRE [BKM14, BKK13, BK15, BK16b]. Hyperbolic [AOK15, AAD14, BB10, CGM17, DJ11, Ert15, Jiw15b, PKT15, RD10].
Interactions
[KC18, BBL+13, BCH11, CCGC13, CB16b, Cro16, ERP+12, Fil13, FZY17, FN17, Gao13a, GM16, HCSW10, KGFs18, KMD12, KM17, Kra17, Kra18a, LSD14, LH18, dRJL14, Ots11, PH13, Tan19, TMA+15, TRN16, TT11, YLQ+17, ZE11, ZE16, ZHPS10]. Interactions
islanded [CLH+17]. isobaric [VK14]. isochronous [CWY+17].
isoenergetic [LB+14]. Isogeometric [CdFDS16, LWP+17]. Isolated
[GS17b, BC11]. isothermal [BO12, LB+14, PBF+16, VK14].
isothermal-isobaric [VK14]. isotope [EJC+19, NGG+13]. isotropic
[Asi10, BMBC+17, DR+16, LN16]. ISPH [CRLS18, GRLS18, KGFS18].
issue [SZY+13, ZYL+15]. Issues [KT12]. ITER [FBHB17, SCB+19].
iterated [Bog16, BB10, FR15]. iteration [CM10b, Kom15a, ZX10].
iterations [KK16a]. Iterative [FN17, GB14, Kau13, TC12, BHVMH15,
Bis15, DB13, Dua10, GW+16, Hoh18, MCP+11, NLSJ17, RC18, SAY+18,
Sza16, TVZ+15, VDB14, ZSW+17b, ZLL13, ZCC19]. ITG [KQYH17].
itinerant [IUM13]. IVPs [PAS11, PS14]. Ixaru [Pat12].
J [BL18a, GBSY18]. Jacobi [HLW16, HM18, ZHC16]. Jacobian
[CGM17, NCS17]. Jacobian-free [CGM17]. jam [MTSI11]. Jamming
[HD17]. Jastrow [MBGV15]. JAVA [PQTGS17, FLZ+18, HCRD14, HD17,
JEC+12, MB12, MCNRC16, Pos19, VSG17, ZXL16, ZDD+16]. Java-based
JDiffraction [PQTGS17]. Jeans [BHN+16]. Jet [LNSD15, BJ14, BBUY13,
Gao13a, GLS+13, GGGH14, LH+12a, LWJV18, OK12, Wei12]. JETSPIN
[BL18a]. JOSEPHINE [CPR12]. JOZSO [BNAV18]. Julia
[GM19, KPOR18]. Jülich [LAA+10]. junctions [CAGL13, KKS18].
JuNoLo [LAA+10].
KANTBP [GCV14a]. kappa [AM14a]. KAS [RPB+15]. KaTie [vH18].
KdV [MWCY14]. KdV-type [MWCY14]. Kepler [BBS14, MR14]. Kernel
[ALS16, HWL+17, CB15b, GBN17, GBSV18, rJmYT11, LLX14b, Maz19,
Qia10, WC13, XLL15, YE14a]. kernels [BK12, CLB11, WC15, WWR+16].
Kerov [JWJL12]. Kerr [WN10]. KEWPIE2 [LMAB16]. key [CTL15].
key-node [CTL15]. Kh [Ma29]. kilo [EBN+14]. kilo-processor [EBN+14].
kind [Boy15, Kir10]. kinematical [WS11a]. kinematics [BCH13]. Kinetic
[JA17, MBRV+13, ÄSTT16, ÄSS18, ACCB13, BDBV12, BB13b, BENV+17,
CEP18, CFFR15, DSHS17, EPB+16, Evs14, GAGW16, GBSY18, HAK+14,
HMR14, KQYH17, LS14, LS15a, LS15b, Les16, LDF+16, NNWS15, NDSH18,
NM14, PZZL19, QM10, SISW10, SS14, SK12, SKK17, Sza13a, VEM12,
WG16b, GBSY18, WLZ17, ZCC19]. Kinetic-j [GBSY18]. kinetics
[BTC+17, LCC13, NCS17, RDP14, SAN18, TPC16, ZBBM11]. KIPP
[ZCC19]. Kira [MUU18]. Kirillov [JWJL12]. kit [WZHE18]. Klauder
[Kri12]. Klein
[DG10a, DN13, Eba13, KZC+10, LD10a, PTS12, RM10a, SW14c]. KMC
manage [GHdF10]. management
[AABC+13, AZM14, Kro16, SBL16, TdAdSS11]. Manager [LHL11].
ManeParse [CGO17]. manifest [REBS16]. manifolds [CB18, DS13c].
manipulating [Hi15], manipulation [BD10]. Manna [CCWL11], manual
[AKK+18, BBG+13]. Many [BRH+16, GBJ+13, GBJ+15, RB18, BBC+13b,
FCVH17, FLI17, GBJ+10, GBJ+12, GBFJ14, HLZ+13, JWC18, JWM+18,
JOK13, JDG12, KPST15, KHN19, Men11, MMY+19, Müll14c, PMMW15,
PBS+17, RJKC16, WZHE18, ZC12, NBW16]. Many-Body
[GBJ+13, GBJ+15, BRH+16, BBC+13b, FCVH17, GBJ+10, GBJ+12,
GBFJ14, HLZ+13, JWC18, JWM+18, JOK13, JDG12, KPST15, KHN19,
PMMW15, WZHE18, ZC12]. many-core [RB18]. many-particle [FLI17, Men11, Müll14c, PBS+17]. many-variable
[MMY+19]. manycore [HdM16, HWCdM19]. map
[RMC16, SCM+16, TRM+12]. MAPLE
[GLHR19, ADdM12a, ADdM14, CDdM14, FF11, MWCY14, SD10a, VJC12]. mapped
[LL15]. Mapping [GBK+12, ADdM16b, BAR12b, CDdM14]. mappings
[Str15]. MapReduce [JTW+17, TOB+14]. maps
[DF14]. market [CLKK11, KCL11]. Markov [EBDM17, KSW15, LN16].
Markovian [CF17, JPS10, JMG+17, ZF15, dSVLP13]. marriage
[WCT11]. Marrink [BL18a]. Martini [BL18a, dJBIM16]. mass
[AKH12, BBC+11, BO12, CWY+17, CGV13, CKCS13, HKZN17, HP17,
HHC16, LS13, NGCI+12, PTMDPK14, Sal16, SVG10, SAE+16, Ros16].
mass-preserving [Sal16]. mass-transfer [NGCI+12]. masses
[AKH12, AMRdA17, BGM+14, BBC+11, CGH+11, SS12, YdDH+12].
Massive [BH13, Tan19, WAHL13, ABB+16, BBF+13, OLG+16, Pik18].
Massively
[BPB+17, BHS18, BVSG19, DBDP12, DN18, GBJ11, GZW18, KHB19,
KB+17, Sns17b, SSM+17, YL12, DSS+12, GRLS18, HPN18, HB+17,
KÖG17, KHZ+18, LS12b, NPGAI11, Ngu17, ORS+14, WSH+12, WC15].
massively-parallel [NPA11]. massless [BBUY13, CKCS13, GBJ+15].
MassToMI [Ros16]. master [GM17, GTG+11, Mey18, Pra17]. Matched
[LV15, SVV19]. matching [BJ14, KPV16, OK12, OK18, SGM11a, SGM11b].
MatchingTools [Cri18]. Material
[CLH+17, KC18, ASPDL+16, BSWC14, FM15, JTW+17, Pra11, San11, SNG+11, SC16b]. Materials
[MCY+16, APS+16, CVK+17, CTL15, DSS+12, ELL+17a, GTPWL12,
JVR12, KAR+15, LOK+16, LSG+12, MHV17, NVAFO18, PDL15, Ram12,
Ram14, SM19, Sol11, TKP12, VCD16, WWHW14, WCL14, WGVPL17,
WZS+18, ZLLP17, ZDD15, ZZ17b]. maternal [ZBM11].
MATHEMATICA [BKM14, AC13, AC15, AC18, Aza13, BK13b, BKK13,
BK15, BK16b, CGO17, CMS17, Depl7, Eks11, FRW17, FMRP16, FK15,
Fen12a, Fen16, GLMG12, HHP+14, LR18a, LR18b, MZ14, Mis12, Mis13,
Naz12, Nov17, Nut14, Pat15, Pat17, Pre18, Ros16, SBQ14, TJD11, Tab16,
TM14, Tos10, WL11a, Wie15, XMCL16, Zit11]. Mathematica-based
Mathematical [TN11, CD15]. Mathematica(R) [SU18]. Mathematics [CB18, TN11]. MathLink [Hah12]. MathQCDSR [WL11a]. Matlab [RC16, CR13, CZ17, Dat13, RDP14, SZM+14, UW12, ZSW+17a, AD14, AD15, Asi10, Cap13, CATK11, CF16, HT12, Hoh14a, NSXZ14, OAKS11, RC13, SL17, SH18, TACA15, VPM16, VK16]. Matlab-based [RC16, SZM+14, UW12, Cap13, OAKS11, RC13]. matrices [BH11, CDMCN11, GSMK17, GBRB11, GCVA14a, Hoh18, HM18, JK13, LW13, DPHB17, NCHN15, NLSJ17, PB16, TC12, dlHV12]. Matrix [BK11b, DBK+14, JWC18, ZLL18, ABB+16, ART17, ZLL14, GJ18a, HCRD14, HD17, IH11, JZJ18, KK16b, KH12, Lec18, Lev19, LJB+16, MiH12, MGK13, Mil16, MSLR10, NBN+14, NPM16, PO14, QIF16, Ram12, RGH10, Sai13, Sar17a, Sar17b, SDS15, Sha13b, Sha16, SD10a, SAS11, SDL+16, TK14b, USA13, VvAV+11b, VvAV+11a, WPAV14, WWR+16, BD12, BR13].

matrix-element [Sha16]. matrix-exponential [Ram12]. matrix-free [KH12]. Matter [NSH+19, BBB+11, BBPS14, BBPS15, BHN+16, CMC12, FTI18, HBL+13, HTY17, HCM19, IKS19, Jab17, LRC+11, MKB+11, ONS+15, SBH+14, WJCZ18].

maximal [Maz13]. maximally [KAW+10, MYP+14, NGM+10, PVK+14a, PVK+14b, PMVG16, SV13, SPMM11].

maximally-localised [PVK+14a, PVK+14b]. maximal [Maz13]. maximally-localised [PVK+14a, PVK+14b].

maximally-localised [PVK+14a, PVK+14b]. maximum [LLG17]. Maxis [LJZ+18]. Maxwell [BSK+18, BB13b, CSJ+17, CKK+13, CEF16, Dem13, FE11, HLLH16, KO14a, LV15, LLP15, LYX+17, SCLW16, VV16, VV18, YXT+15].


MEAM [DFM+15, Duf16]. MEAMfit [DFM+15, Duf16]. Mean [LS15b, BG11, DPB16, EPB+16, NPVR14, QIF16, UW12, WHG+19, dB14]. mean-field [BG11, DPB16, NPVR14, QIF16, dB14]. mean-square [UW12].

means [ACMM10, DAW+19]. measure [ABCMI4, LLX14a]. measured [Kon11, Sco13].

measurement [AK13b, BM15, CDSG11, LLX19, PR13, RBG+19]. measurements [EBDM17, ERPDFS15, FBHB17, RF10, RBG+19, SW12b, WLM14].

mediated [HLS12].


membrane [CZN14, FPY+17]. membranes [PDC14]. memetic [VHP+15]. Memory


[HS14a, AWK+16, BCH11, BKPT12, EGT+18, FXZ+14, GX15, HCC14, JG16, JFC12, JCL+18, KC14, KYKN15a, KYKN15b, LJWK11, LH18, LWRQ16, McM17, PZRL19, RBH15a, RBH15b, UBRT10, VLM11, ZD15, CZF18]. mesh-free [JCL+18, McM17]. meshes


METES [RF16]. Method

[BUJ15, EW16, GHBL18, Les16, TGH+16, ZLL18, AM14a, AM14b, ARY17, AS11b, ADdM16b, ASS13, ABDR17, AG12a, ACdM19, A3A14, BOP17, BBL+13, BM13, BF16, BBB+17a, BK11a, BH14b, BH16, BW12b, BR14, BHT19, BT17b, BL18b, Bis15, BH11, BMW14, BCM+16, BMNS14, BPSMS16, BIT12, BHND16, BENK+17, CZ18a, CL15a, CB13b, CAN11, CSPAD10, CZS10, CL10, CLJ12, CW13, CTL15, CW16, CS17, CSL+13, CCK+13, CB15d, CwV12a, CwV12b, Cor14, Con13a, Con13b, CNS+14, DZ15, DEMM19, DTM10, DGT10, DM17, Den10, DKS16, DCU+19, DA16, DMC10, DCGG13, DLF16, DF+15, Duf16, DO14a, DO14b, EBCB+14, ELDS14, EKK14, EFK+19, FGGM11, FS17, Fen12b, FK12, FNMP10, FBN+13, FPY+17, Fu19, FJ19, FN17, GC12, GZL14, GLM15, GPB13, GA15, GA10, GCH+18, GYW+10, GB17, HE13, HV15]. method [Ham11, HC16, HLLH16, HSD17, HKVH16, HDZ14, HJGL18, HHC+10, HWW12, HLW16, HM18, HI11, Ixa10, Ixa12, JAH10, Jan10, JK14, JWCM17, JLM18, rJmYT11, JOR+12, JGAL+13, JLG13, JCL+18, JPM12, JK13, JU17, KMS14, KK13, KU10, Kap12a, Kap12b, KCN18, KKG+15, KGF18, K10, KL17, KO14a, KL11, KN13, Kht15, KDM11, KA17, KAS12, KPST15, Kra10,
KZ14, KMJS16, KR14, KSW12, KOK17, KSY17, LOL+18, LLHC11, LLQX19, LX12, LM16, LLG17, LHJZ10, LSCZ11, LCCCI1, LHC+13, LST15, LLMMW17, LCQF18, LJWK11, LHH+12b, Lin13, LSK+13, LTP+17, Liu11, Liu13, LLZ+17, LOK+18, LJ+19, LLX14a, MCWJ15, MD11a, MDHD18, MiH12, MIW+12, MRL18, MST+18, MSPD12, MRZ10, MC12, MH18, MFB13, MK10, MNPF17, MMY+19, MM10, MM12, MFG+13, MSR+17, MBGV15, MBFD12, NDSH18, NPM16, NHSY15, NZQL14, NCB18, NS15, NAQ16.

method [Nis11, NMS14, OYK+14, OPR13, OPR14, ORI10, OT11, PHA18, PSBT12, PAS11, PS14, PDRG10, PR13, PBMD12, PEMS19, PGD17, Pit12, PS11, PSP16, PB16, QM10, QYMI11, QA13a, QWZW18, QDZ+13, Qia10, QWL+15, QLN14, Ram10, RAV14, RCGT16, Ras09, Ras17, Raw15, Raw16, RVD16, RLS16, RVS18, RMS+12, RH17, RTA10, Sal16, San15, SW13a, Sch14a, SEW14, SW14b, SFF+17, SNB11, SCS12, SDF15, SD14, Ser10, SW14c, SD10b, SS13b, SA15b, Si16, SMdON14, SHL+11, SBvD13, SCG11, SDL+16, SKSK13, SL14, SPSP18, SPP19, Sza13b, Sza16, TSIM11, TD14, TZM17, TT14, TFBW14, TC11b, TPK15, TY10, Tia11, TT11, TW15, TKZ18, TDL+14, UO15b, UO15a, VdLF14, VK14, Wan10a, WX11, WLZM12, WZ13, WM13, WX14, WLGY18].

Method [WN10, Wil19, WP10b, XHULF+18, XWF18, XZ12, XLI15, XLX+15, XD16, Yam16, YLO13, YBY13, YS17, YTYA17, YQM12, YQM14, ZHA10, ZFH14, ZHPS10, ZSK13, SL14, SPSP18, SPP19, Sza13b, Sza16, TSIM11, TD14, TZM17, TT14, TFBW14, TC11b, TPK15, TY10, Tia11, TT11, TW15, TKZ18, TDL+14, UO15b, UO15a, VdLF14, VK14, Wan10a, WX11, WLZM12, WZ13, WM13, WX14, WLGY18].

Methods [EVBM14, EBCB17, PVK+17, ARAB+17, ACCB13, ABB13, ABCM14, AH13, ABH+19, ADdM15, BCI11, BB15, BH17, Bla15, BBF+10, BB10, CFMR10, CDBM16, CYSL12, CS10, Col14, CHZ18, DIP11, DMP18, DN13, DF11a, DLW+18, FLW10, FMW10, FHTO17, FG13, FGR14, Fri14a, GBN17, GSKM14, GSKM15, JLA+14, Ji15b, KFS17, KKL+18, LMRC15, LD10a, LV10, LWYW11, LLP15, LW14b, LG18, LY16, LAG+17, LL12, MCP+11, MCR11, MKS10, MM11, DPHB17, PMMW15, PMMF15, RL10, RH12, SZ15, SV19, SEG15, SW12a, SW13b, SC16b, SBH+12, SS18, SAN18, SP19, TBZ12, TE18, TVT+16, TXZL15, WC10, WLX13, WWC+16, WLH+12, WYH19, Wu10, WW10, WT15, XJS16, XHLM12, YZ16, YWYF09, YZZ11, YWX11, YJK11, ZW15, ZT13, ZTG13, ZTG14].


micrographs [Nov17]. microgrid [CLH+17]. Micromagnetic [CF16, FCC15, EFK+19]. micromagnetics [TIM+16]. micrOMEGAs4.1 [BBPS15]. micrOMEGAs5.0 [BBG+18]. micrOMEGAs_2.4 [BBB+11]. micrOMEGAs_3 [BBPS14]. micrOMEGAs_4.3 [BBB+18]. micromotors
XLCW14, XLL15, Yam16, YK10, YFAT17, ZZ15, ZXL16, ZZG+16, ZZD+16, ZLM12, ZYL+15, ZCG17, ZKS+18, ZFR18, dSdO12, dSFdFF13, dSLF13, dSVLP13, dSF18, vMB14, ABC+18, AB10, BCPS11, BCP13, DET12, DG16, HLM13, KPV16]. Model-Driven [Dan10a, Dan10b]. Modeling [CLW11, wH15, TJH17, AD11, BOPL17, Bar11b, BMNS14, BMZ+18, CSJ+17, CL11, CFFR15, Dan12, EZL+16, EDPZ19, EKK14, FZY17, Gai17, GGI+13, HV15, Hak16, HDF+19, HCHW11, IP14, Jab19, JGC+11, KEH12, KPA13, KM10, KRB15, KMS16, KGNS10, Lan13, LZZL10, LS+16, ZZD+16, ZZG16, ZZG17, ZKS+18, ZYL15, ZCG17, ZKS+18, ZFR18, dSdO12, dSFdFF13, dSLF13, dSVLP13, dSF18, vMB14, ABC+18, AB10, BCPS11, BCP13, DET12, DG16, HLM13, KPV16]. models [Hon18]. Modelling [AGB+15, CC16, HdM16, IBKK11, Ano10n, AMR+18, CdLOL19, DBD+17, HKF+12, Kra18b, MDPTK15, MRSD15, MSML10, OBH10, ORS+14, Org15, RF15, RLMGM+11, TN11, Van15]. Models [Rei11, Rei12, AS11a, AC17, AABC+13, AG12a, AH13, AhPSV15, ABH+18, AC15, AC16, AC18, BW16, BBC+13a, BR13, BHT19, BM11, CECGS16, CZ18b, Che17, DCM+12, DNPS13, ELDS14, FW11, Fil13, FD13, Fuh15, HLL13, HvWT17, HCH16, HVMR10, HKV10, ID18, KOG17, KO14b, KO16, KST+14b, KTA12, ML17, MLGVE14, MST+18, Mur14, NEW+18, NHS14, NAQ16, PS12, QA13b, RK11, RDN+17, SLZ16, SH16, SOPS12, Sus17b, TSTT13, TVZ+15, WG12, Wan16, Wei11b, XLX+15, YZ19, dRPL11]. Modern [HdM16, BS14a, CDSG11, Ein16b, HBL+13, RK11]. modes [ALSW14, CS17, HSK+12]. modifications [RL10]. Modified [LYL+17, NIK+12a, ZLL18, BKN+17, DFM+15, Duf16, FZY13, GSZ13, Jiw15b, KMS14, LCQF18, MS15, Ras09, Ras17, SMJ17, SBvD13, XHLUF+18]. Modular [CFW17, Gui19, Sin11, Sin12a, DLGP10, FWS+17, KP16, KSH14, Kro16, TCK+15, Zag14]. modulated [TTG11]. modulation [Kap16, OCL+13]. module [DF11b, DGST17, GST12, LRB+13, SK12]. modules [AA10a]. moduli [Bog16]. MOLDY [ADD+11]. Molecular [AS16, DLGP10, Fil14, FFIH11, CM11, HLZ+13, LS17a, MTS11, MKB+11, Ngu17, SBPN15, SYE+18, TD17, ZS13, Zhe15, ADD+11, Bar11a, Bar12a, BBH11b, BPM12, BK515, Bin13, BG13a, BG14a, BWPT11, BKPT12, BY13, BCG+15, BBV+16, BMDP19, CTT17, CMM14, CXH+15, Col14, DEW16, DES+11, DRR15, ESM17, FSH13, FCVH17, FRG12, FP14, Gar19, Gio14b, GLR17, GNA+15, GRR+14, GJHF14, HST+11, HYM11, HXW+13, HAN+16, HBI+17, HWL+17, HVMR10, HKV10, HM17, HDM+12, JWL13, JPF+14, JTT+11, KJIS16, KST14a, KPA13, KDM11, Kon11, KSS18, KS15, KHN19, LGW13, LS12b, LHZ11, HK15, LLZ+17, LBR+18, LRR+17, MD16, MGRB11, MM17, Min11, MSH11, NBW16, NFA+16, NB17, NPAG11, iNSK+15, OKM12, OYK+14, PLCC12, Rap11, Rei11, Rei12, RKGC+17, SMOB19, SGM18, Sco13, SOM+13, SC16a]. molecular [SMO16b, SCM14, SCMI3, SAG13, SA14, TS11, VB10, VK14, WJCZ18, WZHE18, WSI13, YK12, ZBG+16, ZPH+15, ZZH18, dBCH14].
molecular-continuum [NFA\textsuperscript{+16}, NB\textsuperscript{17}]. molecular-dynamics [HYM\textsuperscript{11}, MSH\textsuperscript{11}]. molecular-hydrogen [BKS\textsuperscript{15}]. molecule [ART\textsuperscript{17}, CNMC\textsuperscript{10a}, CNMC\textsuperscript{10b}, EY\textsuperscript{11}, EBDM\textsuperscript{17}, Faw\textsuperscript{10}, LJSW\textsuperscript{11}, WG\textsuperscript{16a}]. molecule-fixed [CNMC\textsuperscript{10a}, CNMC\textsuperscript{10b}]. molecules [AKV\textsuperscript{18}, BRH\textsuperscript{+16}, CRNK\textsuperscript{12}, DVB\textsuperscript{11}, FS\textsuperscript{17}, FCCTFR\textsuperscript{18}, GNT\textsuperscript{17}, Kob\textsuperscript{13}, LRR\textsuperscript{+15}, MGB\textsuperscript{18}, PZY\textsuperscript{16}, Sit\textsuperscript{18}, TC\textsuperscript{11b}, WFM\textsuperscript{14}, Yan\textsuperscript{11}, YLTS\textsuperscript{16}, ZY\textsuperscript{15}, ZZ\textsuperscript{15}, ZMCT\textsuperscript{12}]. molgw [BRH\textsuperscript{+16}]. Möller [KK\textsuperscript{14a}, KBB\textsuperscript{+17}]. MolSOC [CL\textsuperscript{14}]. Momentum [HHC\textsuperscript{+10}, BAK\textsuperscript{+15}, BAK\textsuperscript{+16}, BAK\textsuperscript{+17}, DSM\textsuperscript{+11}, EUT\textsuperscript{+15}, HKJ\textsuperscript{+12}, MGB\textsuperscript{18}, MMT\textsuperscript{+11}, Tro\textsuperscript{11}, Wei\textsuperscript{99}, YK\textsuperscript{18}]. Momentum-time [HHC\textsuperscript{+10}]. monolayer [OCL\textsuperscript{+13}]. monopolar [ZDWY\textsuperscript{10}]. monosized [AYDY\textsuperscript{11}]. monotonic [SC\textsuperscript{15}]. monotonically [HRC\textsuperscript{11}]. Monte-Carlo [DM\textsuperscript{+15}, HKZN\textsuperscript{17}, JP\textsuperscript{+15}, MBRV\textsuperscript{+13}, NS\textsuperscript{+11}, OPSR\textsuperscript{13}, TDL\textsuperscript{+14}, Urb\textsuperscript{18}, WLZN\textsuperscript{17}, ZTG\textsuperscript{14}, ZDD\textsuperscript{+13}, AFIS\textsuperscript{12}, ASGLK\textsuperscript{10}, Ano\textsuperscript{100}, AK\textsuperscript{15}, ABB\textsuperscript{+14}, ASPDL\textsuperscript{+16}, Barl\textsuperscript{11a}, Barl\textsuperscript{12a}, BDP\textsuperscript{16}, BVP\textsuperscript{10}, BG\textsuperscript{11}, BMW\textsuperscript{14}, BG\textsuperscript{13b}, BLG\textsuperscript{14}, Bon\textsuperscript{15}, Bon\textsuperscript{16}, BMDP\textsuperscript{19}, BSK\textsuperscript{10}, CKS\textsuperscript{10}, CNS\textsuperscript{+14}, CL\textsuperscript{14}, DSH\textsuperscript{17}, DGP\textsuperscript{11}, DEM\textsuperscript{19}, DPK\textsuperscript{+15}, Dem\textsuperscript{11}, DD\textsuperscript{15}, DKT\textsuperscript{14}, EBDM\textsuperscript{17}, ES\textsuperscript{11}, FF\textsuperscript{11}, FW\textsuperscript{11}, FD\textsuperscript{15}, GA\textsuperscript{15}, Gin\textsuperscript{10}, GSB\textsuperscript{+14}, GWF\textsuperscript{+11}, GB\textsuperscript{17}, HBE\textsuperscript{10}, HMR\textsuperscript{14}, HP\textsuperscript{11}, HW\textsuperscript{+15}, Hua\textsuperscript{17}, IUM\textsuperscript{13}, JL\textsuperscript{+14}, JA\textsuperscript{17}, KOT\textsuperscript{12}, KEH\textsuperscript{12}, Kan\textsuperscript{14}, KR\textsuperscript{13}, KC\textsuperscript{14}, KKK\textsuperscript{+17}, KNS\textsuperscript{+17}, KSW\textsuperscript{15}, KPV\textsuperscript{16}, LS\textsuperscript{14}, LS\textsuperscript{15a}, LS\textsuperscript{15b}, LLE\textsuperscript{+18}, LW\textsuperscript{11}, Lu\textsuperscript{15}, MP\textsuperscript{11}, MRZ\textsuperscript{10}, MEM\textsuperscript{+11}, M\textsuperscript{14}, MHR\textsuperscript{+13}, MMY\textsuperscript{+19}, NPA\textsuperscript{11}, ND\textsuperscript{16}, ND\textsuperscript{H18}, NB\textsuperscript{+18}, NM\textsuperscript{14}, OPR\textsuperscript{14}, PZL\textsuperscript{+19}, PEMS\textsuperscript{19}, PM\textsuperscript{14}. Monte [RF\textsuperscript{16}, RMS\textsuperscript{+12}, RV\textsuperscript{10}, RV\textsuperscript{11}, RB\textsuperscript{18}, SI\textsuperscript{11}, SG\textsuperscript{17}, SFP\textsuperscript{11}, SL\textsuperscript{16}, SHT\textsuperscript{18}, SM\textsuperscript{17}, SM\textsuperscript{19}, SD\textsuperscript{14}, SKF\textsuperscript{16}, SLZ\textsuperscript{16}, SS\textsuperscript{+14}, SK\textsuperscript{15}, SSK\textsuperscript{13}, TZ\textsuperscript{12}, TVZ\textsuperscript{+15}, Tic\textsuperscript{10}, Tic\textsuperscript{14}, TPK\textsuperscript{12}, TU\textsuperscript{14}, Tr\textsuperscript{11}, UA\textsuperscript{17}, VK\textsuperscript{14}, WR\textsuperscript{15}, WDL\textsuperscript{11}, WST\textsuperscript{15}, WBS\textsuperscript{+18}, Wv\textsuperscript{13}, WT\textsuperscript{12}, WW\textsuperscript{11}, ZBG\textsuperscript{+16}, ZL\textsuperscript{12}, ZTG\textsuperscript{13}, dSF\textsuperscript{18}, dHG\textsuperscript{11}]. Monte-Carlo [DP\textsuperscript{+15}, LS\textsuperscript{15a}, NB\textsuperscript{18}, PE\textsuperscript{19}, SM\textsuperscript{19}]. MonteCUBES [BF\textsuperscript{10}]. MonteGrappa [TV\textsuperscript{+15}]. mouseswitch [UA\textsuperscript{17}]. MoIBS [ZBG\textsuperscript{+16}]. MoIBS-PIMC [ZBG\textsuperscript{+16}]. morphing [ZF\textsuperscript{15}]. Morphological [MS\textsuperscript{11}]. morphologies [Bar\textsuperscript{11b}]. morphology [PR\textsuperscript{10}]. Moshinsky [XML\textsuperscript{C16}]. most [BS\textsuperscript{14a}]. Mosyagin [Ma\textsuperscript{19}]. motile [HPK\textsuperscript{15}]. Motion [KB\textsuperscript{15a}, BMG\textsuperscript{+15}, HH\textsuperscript{11}, MF\textsuperscript{17}]. Motion4D [MG\textsuperscript{10b}, M\textsuperscript{11b}, M\textsuperscript{11b}]. Motion4D-library [MG\textsuperscript{10b}, M\textsuperscript{11b}, M\textsuperscript{11b}]. motors [SK\textsuperscript{15}]. moves [AM\textsuperscript{18}, RV\textsuperscript{10}]. Moving [Y\textsuperscript{11}, AK\textsuperscript{16}, DC\textsuperscript{+19}, Jv\textsuperscript{17}, K\textsuperscript{16}, LP\textsuperscript{15}, NH\textsuperscript{15}]. moving-grid [DC\textsuperscript{U\textsuperscript{+19}}]. MP2 [KK\textsuperscript{14a}]. MPBEC [VPM\textsuperscript{16}]. MPI [ARY\textsuperscript{17}, ART\textsuperscript{17}, BW\textsuperscript{12a}, BCM\textsuperscript{+16}, BTC\textsuperscript{+17}, DR\textsuperscript{12}, EZ\textsuperscript{16}, Hin\textsuperscript{11}, LY\textsuperscript{+16}, OL\textsuperscript{+16}, OK\textsuperscript{12}, SS\textsuperscript{+16}, TK\textsuperscript{15}, WA\textsuperscript{14}, YHL\textsuperscript{11}]. MPI-based [OLG\textsuperscript{+16}]. MPI-driven [Hin\textsuperscript{11}]. MPI/GPU [EZ\textsuperscript{16}]. MPI/GPU-code [EZ\textsuperscript{16}]. MPL [Bog\textsuperscript{16}]. MPLS [NH\textsuperscript{15}]. MPPhys [M\textsuperscript{11c}]. MPS [SIM\textsuperscript{14}, NH\textsuperscript{14}, SIM\textsuperscript{13}]. mr [KP\textsuperscript{16}]. MRT
[vdS10]. ms [DES$^+$11]. ms$^2$ [GRR$^+$14, RKGC$^+$17]. MSSM
[CRC$^+$13, DNPS13, FEH11, FHH$^+$14, HP17, HLM13, HEF12, KZ11,
LCE$^+$13, PS12, RCD$^+$10, Ros15, SV12]. MsSpec [SNG$^+$11]. MsSpec-1.0
[SNG$^+$11]. MSTor [ZMCT12, ZMPT13]. MT [HHF$^+$14]. muffin [LZP12].
muffin-tin [LZP12]. Multi
[BFPP12, BBS14, BVP10, BMW14, CZS10, ELDS14, FBN$^+$13, HDZ14,
IBP$^+$15, KO13, Kom15b, KSW15, Liu14, MKR$^+$12, MRSD15, OP12, PP13,
SW14b, SM19, SCM$^+$18, TPC16, UBRT10, ZST11, ZMV$^+$13, ASS13,
AZM14, BBU11, BBUY13, BBB$^+$17a, BT17a, BT17b, BAR12b, BCH13,
BHJ$^+$15, BHJ$^+$18, BvH15, CwJ19, Cap13, CC15, CL15b, DBP$^+$18, DKG$^+$14,
DE13, DCVB$^+$13, DG$^+$19, DO14a, Er14, FSJ$^+$16, FHA17, DRI$^+$16,
GBC$^+$18, HLS$^+$17, HZW$^+$19, HWT10, Ike18, JK14, JXTS16, KPA13, KO12,
KO14b, Kom15a, Kom15c, KO16, LLQX19, LS12a, LH11, LQ18, LY16,
LB15, Lrk13, Mey18, MMA15, NNWS15, NHD16, NB17, NAQ16, Pål12,
PR14, PC11, QSC14, QwWL$^+$15, Sch14a, SV13, SGW17, SLR$^+$11, SC16b,
TRM$^+$12, TD14, TDL$^+$14, Vuk12, WSH$^+$12, WAW14, sX14, YZR14, Yi11,
ZAFAM16, ZMPT13, dDYK$^+$18, ReTVH12, ReV16, FOB$^+$15, IBP$^+$15].
[Vuk12]. multi-baryon [DE13]. multi-center [BAR12b]. Multi-Channel
[KSW15, LLQX19]. multi-cluster
[KO12, KO13, KO14b, Kom15a, Kom15b, Kom15c, KO16].
multi-component [HLS$^+$17]. Multi-core
[FBN$^+$13, HWT10, LHZ11, TRM$^+$12, TDL$^+$14]. Multi-core-CPU
Multi-dimensional
[MKR$^+$12, ASS13, BT17a, Cap13, CC15, DO14a, NAQ16, TD14].
multi-disciplinary [WSH$^+$12]. Multi-Domain [IBP$^+$15]. Multi-electron
[BMW14, SW14b]. multi-exponential [Ike18]. multi-flexible-body
Multi-frequency [PP13, LY16, YZR14]. MULTI-fs [ReTVH12].
multi-gluon [BBU11, BvH15]. Multi-GPU [BFPP12, BVP10, OP12,
TPC16, DCVB$^+$13, JK14, JXTS16, LB15, NHD16, WAW14, FOB$^+$15].
Multi-GPU-based [KO13, Kom15b]. multi-GPUs [SV13]. multi-instance
multi-layered [CL15b]. multi-level [HZW$^+$19, IBP$^+$15]. multi-loop
[BCH13, Mey18, dDYK$^+$18]. multi-material [SC16b]. multi-mode
[LRK13]. multi-moment [MA15]. multi-objective [AZM14].
multi-orbital [QwWL$^+$15, SGW17]. multi-particle
[BBB$^+$17a, LQ18, PR14]. Multi-phase
[MRSD15, BT17b, FHA17, ZAFAM16]. Multi-physics [ZMV$^+$13, DRI$^+$16].
multi-populations [FSJ$^+$16]. multi-purpose [DBP$^+$18]. multi-reference
[DKG$^+$14]. Multi-resolution [SCM$^+$18]. Multi-scale
[UBRT10, BHJ$^+$15, BHJ$^+$18, Sch14a]. multi-socket [TRM$^+$12].
multi-soliton [Pål12]. multi-species [DGS$^+$19, NNWS15]. multi-spin

nodal [Koh15, Oti13]. nodal-based [Oti13]. node
[CTL15, NZQL14, SC16b]. node-centered [SC16b]. nodes [Sch14b]. noise
[BCS10, BDBV12, CC10a, Er14, HH11b, KS16b, MW12, VSG18]. noises
[iT11]. noisy [QHC +10]. noloco [NPAD11]. Non
[FW11, Jal10, WL11b, AAD13, ABH +18, AMJ18, BHNS17, BL14, BDP16,
BW12b, Bla15, BCT17, BH13, BPS +16, BMG +15, CLW11, CdLOL19,
DBJ11, DJ11, EW16, FR15, HWS16, HM17, HMM +15, JBKM15, JU17,
KKSY18, KS15, LMRC15, LA13, LS15b, LFG14, NCB18, OILK17, PLF +17,
PBF +16, PBD +15, SK15, SCLWL16, SCN18, SC15, SS11b, SLEF17, TDL +14,
UNK12, USOA13, Wit14, YQM12, YQM14, ZDWM17, dSFdFF13, dSVLP13].
non-adiabatic [HM17]. non-aligned [HWS16]. non-autonomous
[Bla15, BCT17]. non-axisymmetric [EW16]. non-bonded [BL14].
non-circular [OILK17]. non-conformal [ZDWM17]. non-crystalline
[DBJ11]. non-equidistant [LS15b]. non-equilibrium
[BPS +16, JBKM15, PLF +17, PBD +15, SC15, dSFdFF13]. non-Hermitian
[BW12b]. non-homogeneous [SCN18]. non-ideal [TDL +14]. non-inertial
[SS11b]. non-intrusive [HMM +15]. non-isothermal [PBF +16]. non-linear
[FR15, SLEF17]. non-local [AMJ18]. non-Markovian [dSVLP13].
non-minimal [KKSY18]. non-Newtonian [BHNS17, NCB18].
non-orthogonal [USOA13]. non-oscillatory [AAD13, DJ11, UNK12].
non-overlapping [JU17]. Non-perturbative [WL11b]. non-planar
[BH13]. Non-polynomial [Jal10]. non-rectangular [SK15].
Non-reversible [FW11]. non-spherical [BMG +15]. non-staggered
[DJ11, SCLWL16]. non-SUSY [ABH +18]. non-transferred [CLW11].
non-uniform [BDF16, KS15, LA13, LFG14, Wit14, YQM12, YQM14].
nonadiabatic [SOM +13]. noncentral [GST15]. nonclassical [Shi16].
nonequilibrium [KH10, MDF11]. Nonextensive [Fri14a]. nonhydrostatic
[BB12]. Nonlinear [Asi10, BAR12b, Cap13, AAD13, ABB13, ABH +19,
BSM13, CWS14, CB13b, CZS10, Che17, DG10a, DT10, DS10, DT11a, DM17,
Dem13, DZ13, DBLF16, Er14, EFK +19, GLHR19, GAO13b, GRLS18, Jan10,
JCL +18, Kau13, KL11, LD10a, LWL12, LST15, LLL12, Lin13, LLL13, sL10,
MD11a, MFM15, Moh14, ICD13, PDRG10, PTS12, QSC14, RM10a, SW14c,
SK14, SB11, SS10b, TD14, TJH17, WP10a, Wil19, XZ12, YÇÖ15, ZAH10,
ZWLZ17, ZLL13, ZW15, ZST11, Ziö14, dHVV10]. nonlinearity
[SB11, VEB +18]. nonlinearly [CC14, CC15]. nonlocal
[LA +10, LLMW17, TRN16, YZ19]. nonresonant [Shi16]. nonuniform
[ZNT15]. nonzero [BBF +10]. norm [GVPJ18, LWW10, vSGB +18].
norm-conserving [GVPJ18, vSGB +18]. normal
[AG12a, BCJW13, BMF +19]. normalization [MZE13]. Normalized
[XHLUF +18]. NORSE [SLEF17]. Not-a-Knot [SD10b]. note [SW13b].
Novel [UW12, dSFdFF13, EKK14, FS17, KK16a, KDM17, LDR +17,
MSPD12, MPM14, RT10, Ser10, WAW14, WZS +18, ZDWM17, ZSW +17b].
NPB [Yi11]. NPS [EBDM17]. NRMC [SGNL17]. NSBC [Bab14].
Nt_STM [MAC12]. NTPoly [DN18]. Ntuples [BDC +14]. Nuclear
null [HLW16]. null-space [HLW16]. nullity [YE14a]. numerical [GM14, HAV14, HVMR10, HCSW10, Ixa10, JK10, JTN11, JW13, JLi12, JLM18, JPM12, JKL13, JHL15, KFS17, KM10, Kri12, LMRC15, LD10b, LSF14, LlsSZ14, MT13, MIW13, MFS10a, MC12, MM10, PFT15, PBf16, QWL15, RC15, RAV11, RJ12, RGKR17, SW12b, VBMS17, Wie13, XJS16, XYM13, YDH12, ZFH14, ZDYM10, ZW15, dHV12, AS11b, AB10, AGH16, ACMM10, ACM11, AAT17, BK16a, BSK18, BCM16, BHN18, C110, C121, C1L16, CwW12a, CwW12b, CFFR15, DMP18, DCG10, DCM12, Dat13, DS13a, DBD17, DNM17, Den10, EZL16, EVB14, FSC13, Fuh15, GHvdL11, GV15, GA10, GN14, Gr11, GSKM15].

O [ADH17, C1H11, L11, Maž19, CKFB12, DRUE12, GGI13]. Oasis [MV15]. Object [CB15a, CB17, CB18, AS14, BFD11, CDMCN11, CJ12, CFFR15, DM12, HHP16, OKM12, SL16, WP10a, Zag14, CF16, FCC15, MBRV13].

Object-oriented [CB15a, CB17, CB18, AS14, BFD11, CDMCN11, CFFR15, DM12, OKM12, SL16, WP10a, Zag14]. objective [AZM14]. objects [AK16, CG14, GGF13, GSC16, JV017, KCS15, OL12, Ser10].
oblique [ÇÖSÜ11, VDB14]. Obrechkoff [SS13b]. observables
[AM10, AM11, BBPS14, MKV11, Mur14]. observations [BVC13].
observatory [BPM14]. observed [UIY11]. obstacle [OK14]. obstacles
[KL11]. obtain [CLB11, EBDM17]. obtaining
[LP15, Liu13, MNPY14, MYP+14]. ocean [DBLF16, DBLF16]. OCTBEC
[Hoh14a]. Octree [FGC+11, TE18]. Octree-based [FGC+11]. ODE
[HKSW10]. ODEs [KV10a, NO12]. off [HFOPF15, JCL10, JTP15, JHL+15,
KdMvO14, MRZ10, RV10, SMOB19, Zag14]. off-axis [JTP15]. off-lattice
[HFOPF15, KdMvO14, MRZ10, RV10]. offload [BCG+11]. off [BBH+15].
ohmic [KGG+16, YLKN17]. oil [ZAFAM16]. OK2 [OKP10]. OK3 [OKP10].
old [TBB+14]. on-lattice [XLCW14]. on-the-fly [GGG16]. ONCV [SG15].
One [ADH+17, CHC+11, DLU18, EGPS10, ABB+14, AG14, Ano10o, BBU11,
Ber16a, Ber16b, BDP16, BDV11, BHJ+15, CZD15, CEZ16, CJH11, CR12,
CVW12a, CvW12b, CGH+11, DDH17, Dua10, Fen12b, Fil13, FEH11, HLS12,
HEF12, HHC+10, JWC18, KKSY18, KS12, Liu11, Liu13, LKT+16, MCA17,
MP11, MEM+11, OAKS11, Pat15, Pat17, Per14, QA13a, RtV16, RVA14,
Rei12, RCH16, RKGK17, TD14, Ter17, WHG+19, vH11]. one-
[TD14, WHG+19]. One-dimensional
[CHC+11, AG14, BDP16, CZD15, CR12, CvW12a, CvW12b, Dua10, Fil13,
HHC+10, KS12, MEM+11, QA13a, RtV16, Rei12, RCH16]. One-Loop
[ADH+17, DLU18, ABB+14, Ano10o, BBU11, CEZ16, CGH+11, DDH17,
Fen12b, FEH11, HEEF12, KKSY18, Pat15, Pat17, Per14, vH11]. one-particle
[Liu11, Liu13]. one-shot [HLS12]. one-valence [MCA17]. one-way
[OAKS11, Ter17]. OneLOp [vH11]. onetep [BDPM15]. Onia
[Shal13b, Sha16]. online [HDF+19, Mis13, PR14, TdAdSS11]. only [Sta14].
Open [BCP+16, CDR+15, DBLF16, JWC18, MMY+19, SH18, WGG16,
AZ17a, AZ17b, AFZ18, AFZ18, CMC+15, CLJ12, CFW17, CCHL11, Dan11,
Dat13, DBP+18, FLa+16, Faw10, FJK+17, FLW17, HSF+15, HKvH16,
HWM+15, Hua17, JNN12, JNN13, JMG+17, KDM17, KPK+17, KSH14,
KPOR18, LPC+15, LZ11a, LZ11b, LZ12, LS13, MZE13, MVSG15, MGFRG12,
NMS14, NGCF+12, ORS+14, PLCC12, Qia16, Qia17, STA18, SV14, SC16a,
SAWP17, SAHP15, SDL+16, TL17, TACA15, TVT+16, VBG+10, VS19,
VB19, WFV14, WPJ14, WZS+18, XAPK14, ZCG17, ZGA+14]. open-shell
[Faw10]. Open-source
[BCP+16, CDR+15, DBLF16, AZ17a, AZ17b, AFZ17, AFZ18, CMC+15,
CFW17, Dan11, DBP+18, FLA+16, Faw10, FJK+17, FLW17, HSF+15, HKvH16,
HWM+15, Hua17, JNN12, JNN13, JMG+17, KDM17, KPK+17, KSH14,
KPOR18, LPC+15, LZ11a, LZ11b, LZ12, LS13, MZE13, MVSG15, MGFRG12,
NMS14, NGCF+12, ORS+14, PLCC12, Qia16, Qia17, STA18, SV14, SC16a,
SAWP17, SAHP15, TACA15, VB+10, VB19, WPA14, WZS+18, XAPK14].
OpenACC [GM18, HTJ+16, Kom15c]. OpenCL [BLPP13, BHH+12,
BBH+15, CP15a, HD11, KM10, MAIVA14, ON12, RBB15, TKP15].
OpenFOAM
[CL13, DBMR18, LBR+18, LNSD15, MTE17, SSX14, WBS+18, ZCG17].
Opening [JWC18]. OpenMM [BCFR15]. OPENMP [OKM12, CBY18,
GSMK17, KT10, LYSS+16, SS+16, YHL11, YS+16, YSM+17].

pair-instability [CHA11]. pair-potential [FPY+17]. Pairing
[WRB11, GLX+14]. pairs [MWCY14]. palladium [SQL+10]. Palmeras

parabolic
[AAD13, BB10, GN14, HC16, HC17, NO14, OAKS11, PR13, RS12, TKZ18].

Paradeisos [JWM+18]. paradigm [CKhN11]. Parallel
[APC+14, Bab14, BC11, CLH+17, CL15b, CRA10, EDPZ19, EKDGG15,
FFT+14, GGI+13, GMF+17, GSK17, GCH+18, HvAS+13, HCSW10,
JKI16, KPPC13, LBM+14, LKL11, LT15, Mau16, NCHN15, NZQL14,
P111, QLE16, RRSCCJ10, RD10, SD15, TSK+17, TSTT13, US16, VHP+15,
WC10, WYH19, YRR13, ZPH+15, ZHC16, ART17, AL17, BMC+11b, BS13a,
BS14a, BPB+17, BHS18, BJCW13, Boe14, BCM15, BVSG19, BHND16,
BENK+17, CCL18, CHHS18, CPR12, CUL+17, CDR+15, DBDP12, DN18,
DSS+12, DRUE12, Fan19, FZY17, GSI5, Gai17, GP13, GWF+16,
GS17b, GS17a, GD14, GB14, GZWW18, GX15, GRLS18, HAV+14, HFOPF15,
HZW+19, HPN18, HBH+17, HCHW11, JEFF14, JHL+15, KHB19, KÖG17,
KHZ+18, KD17, KBB+17, LAA+10, LGG+12, LHH+12a, LSH12b,
LHZ11, LWC14, LW16, MDW16, MIW+13, MM17, MCA17, MGI+10,
MGB18, MGR16, NAI5]. parallel

[NAF+16, NPAG11, Ngu17, NM14, NFS15, OCF10, ORS+14, PDC14, PG017,
QL10, Qia17, RJJ17, RFSF18, RRB15, SL16, SFS+17, Sch18, SNS15,
Shk13a, SOM+13, SC16b, SJ14, Ste17, SMGK14, Str15, SPSP18, SUS17b,
SSM+17, TTT16, VKN14, WMI11, WAHL13, WSH+12, WCI5, WRVD15,
YHL11, YLQ+17, YLB12, YBNA13, Zag14, ZAFAM16, ZSW+17b, ZMJ13].

parallel-adaptive [GX15]. Parallelisation [MFH+13, Roh16, SCC+12].
Parallelised [FKH15]. parallelism [BS14a, BKS15, MDGC+12, TGH+16].
parallelizable [Smi14]. Parallelization

[HBE10, MHI12, ASPW13, BW12a, CRY+17, DKG+14, DO14a, GLAC13,
Gi19, JFC12, KEH12, KSY17, LMK+16, LW14a, ML17, OLW+16, PMS+15,
RGH10, SCB+17a, SS18, THDS16, TE18]. Parallelizable [SST11].

parallelized [GB11, HHS+10, OKM12, TAL+12]. Parallelizing [TD11].

Parameter

[DP18, MAU16, Ber16a, Ber16b, BHVMH15, BF10, Chel17, GCVA14b,
JWC13, LAS+17, LHL11, MKR+12, MD10b, PM13, PII11, YAN16].

parameter-free [PI11]. parameterization [AANA12, KHR14].

parameterized [KL14]. parameters [COSU11, HM12, KPV16,
MDPTTC17, MPS13, O15b, PG10, RKVL14, SZM+14, WDR16].

Parametric [Lin13, WXL13, BCMS10, GCVA14b, ZHE15]. parametrization

[LTP+17]. parareal [SCB+17a, SCB+19]. paraxial [PBL+18]. PAREMD

[MGB18]. parentage [Dev12]. Pariser [K12, SS10a]. parity

[AB10, AKHI12, SHZ13]. parity-dependent [SHZ13]. Parker

[DSP15, LKW11]. PARPE [Str15]. Parr [K12, SS10a]. Parrinello

[VC13]. Parsek2D [IBP+15]. Parsek2D-MLMD [IBP+15]. Part

[ALS16, Dan10a, Dan10b]. PArthENoPE [CdSM+18]. partial
[DHJ13, FBHB17, GCVA14b, HK15, Jiw15b, JK13, MJMb+10, SGDS16].

**partially** [McM17]. **participating** [CAN11]. **ParticleLE**

[KDP+14, BOPL17, BJM15, BKPT12, CBAM12, CDR+15, DS11a, FHTO17, GLHG12, GRSL18, HPKF15, HZW+16, JBKM15, KS16a, KKK+17, LBM+14, MDPTK15, NHSY15, QL10, US18, VGM+15, AM14a, ASPW13, AGMS15, ABMC14, AGB+10, ABRS12, BCH11, BBP+17, BBS+17, BS15b, BE14, BTL+17, BCDP18, BY17, CATK11, CPW17, CC14, CC15, CSJ+17, CL11, CSSB15, CFF19, DCM+12, DET12, DGPW11, DF14, DBP+18, Dev12, DCVB+13, DCGG13, ENEO15, EKO16, EKK14, EW14b, Evs14, FLW17, FJ19, FN17, GWF+16, GKM10, GAHP15, GD14, GH15, HBE10, HKJ+12, HAK+14, HCS10, KB15a, KKK+17, LBM+14, LQ18, LTP16, Mag18, MDPTTC17, MKL15, MKU+12, MF17, MST+18, MH18, Men11, MEM+11, MBGK11, MGK13, MAM14, MTO15]. **particle**

[MNC15, Mühl14e, NFD15, OBPL19, OCM+19, PR14, PMMF15, PG17, PBS+17, QLN14, RKVL14, RAV11, RH17, RTO10, SSS+11, Sch14a, SS14, SWL+15, SIE16, SN16, SM11, SSP16, SKK17, Sok13, SYE+18, SMCB+15, SMGK14, SBL16, TK14a, TCK14, TdAdS11, UW12, VGS18, VBMP15, VB19, VMFS16, WHG+19, WRFS15, WZS+11, WX13, WX14, WWC+16, WLQ+17, WN10, Wei12, WSH+14, WRR18, XLX13, YLQ+17, YLKN17, ZSW+17, ZLFM11, CDBM16, CHZ18, DS14, FJ19, IBP+15, KC18, LKA+16, PE17, PMMF15, iSSMI11, SVG10, SBE+16, VLL+17]. **Particle-based** [HPKF15, WSH+14]. **particle-beam-dynamics** [KPA+19].

**particle-cell** [PG17]. **particle-continuum** [SYE+18]. **Particle-field**

[QL10]. **Particle-In-Cell** [HZW+16, BOPL17, DS11a, AM14a, BPB+17, CC14, CC15, DBP+18, KKK+15, KKH+11, LJE11, MKL17, MKU+12, MEM+11, MTO15, OBPL19, QL10, RKVL14, SSS+11, SKK17, Sok13, VMFS16, WWC+16, WN10, IBP+15, LKA+16, VLL+17, CDBM16, CHZ18, DS14, KC18, PMMF15, SVG10, SBE+16]. **particle-mesh** [BCH11].

**ParticleRecognition** [Nov17]. **particles** [AFIS12, CHNS18, ES16, EBCB+14, EEWG12, GBJ+15, Gwi12, HL18, MDPTK15, MMT+11, PCGM14, RC18, SKK11, TJH17, TD17, Ume18, VC10, ZHCR18].

**particulate** [ZLFM11]. **partition**

[HCH16, LKL11, Lec18, RMC16, ZMCT12]. **partitioned**

[BY17, EPP12, FZ16, KZC+10, MJK10, WX13]. **partitioning** [HJH17].

**partly** [KH12]. **Part** [ABH+19]. **Parton**

[CGO17, BCH17, CUL+17, SN12, SYZ+12, War16, ZYL+15, vH18].

**parton-interaction** [CUL+17], **parton-level** [vH18]. **parts**

[Fen12b, Kan14, SS13c]. **passages** [JU17]. **passing** [TSTT13, XNK+16].

**past** [TKL+12]. **PASTA** [KBLJ18]. **Path** [NSXZ14, AGL11, Brál15, CMM14, LA13, MTS+16, MNV13, Miu11, RGKR17, WFM14, ZBG+16].

**path-integral** [ZBG+16], **pathology** [LWES18], **pathology-free** [LWES18].

**paths** [GA13]. **pathways** [MLGVE14]. **pattern**

[CGSB18, FBG10, OG14, OO15a], **patterns** [LSYZ12, MSPD12, WS11a].
phenomena [KS15].
phenomenological [BNV18]. phenomenology
[ACD+14b, ABH+18, BDDM18, BSW12, CFS13, LCE+13]. PHI
[BFD+11, RJKC16, CGSB18, Lya15, MSS+14, SBE+16]. phone [Sal12].
Phonon [CP15b, Kon14, Sco13, BW16, CTT17, CCXC15, CGRB14, KA17,
Liu15a, NGM+10, PMVG16, ZZ17b, ZZ17b]. phonons
[CVK+17, LCKM14, WCL14]. Photonic
[BDGM+17, HWCH11, LN16]. photons
[LN16]. photorefractive [Zio14]. PHOTOS
[DPW16]. photovoltaic [CLH+17, RF15]. Phys
[AZ17a, Ber16a, ERS10c, KYKN15a, Nat10, Ras17, RC16,
RHHB15a, SG11a, Sco13, SIMGCP14, YQM14, ZTG14]. Physalis [Sie16].
physical [AABC+13, Che17, LCH11, MD11a, MDPTTC17, RKVL14, Sit18,
Smi14, ZF15]. physicist [Hah12]. Physics [AAA+16, Ano10a, Ano11b,
Ano12a, Ano13a, Ano15a, Ano16a, CGXG+19, DS13c, Maž19, MLK+19,
Ram10, US18, Wu10, ADF+15, Ano10n, AM10, AM11, BB+18, BDKS10,
BCP13, CB15a, CB17, CB18, CPW17, Che11, CKhN11, DGPW11, DNP+12,
DPW16, Des16, DK+15, ELL+17a, DRI+16, Hon18, JPCG15, JEC+12,
KV10a, LPBH11, Mühl14c, ONS+15, PBL+18, QGLP13, Sha13b, Sha16,
SLR+11, Veb12, Wie15, YLKN17, ZWLZ17, ZMvE+13]. Physics-oriented
[CXG+19]. PI [CM1M14]. PIC [FK12, GV15, HTJ+16, KS16b, LYX+17,
LTP16, SBL16, VV18, VGM+15, YXM+13, YXD+15]. PIC/MC/Vlasov
[BF16, BM13]. PID [OCF10]. piecewise [IH11, LV10].
pipe [Qia16]. pipeline [ECD+10, GCC+18]. pipelines [FW+17, M1+10].
pipes [DM10]. PISO [SQA+15]. PISO-like [SQA+15]. Pitaevskii
[ABB13, AD14, AD15, ABDR17, CR13, JCL+18, KYSV+15, LBB+16,
LYSS+16, MGL13, MGL16, SSB+16, VDAH16, VVB+12, YSVM+16,
[NDSH18]. placement [NZQL14]. planar
[Aza13, BP12, BH13, MTE17, XD13]. Planck
[BMBC+17, Fuh15, JSLM16, KBSP12, PG17, SLEF17]. Plane
[MBF+10, AM14b, ACDc14, DKS16, GMF+17, HK15, JCW+13,
JGAL+13, KAW+10, LT15, MED11, M11, PDC14]. Plane-wave
[MBF+10, LT15, MED11]. planet [HTT13, HTT14]. planewave
[CSPAD10, PBMA12]. planning [CLH+17]. Plasma
[KC18, ZC19, AAJA14, BMU11, BRL12, BT17b, CLW11, CGSB18, CHH+11,
DBP+18, Evi14, FRFH10, GBSY18, HKF+12, HO13, HBP14, Hon10, Hon18,
Hsu11b, KYKN15a, KYKN15b, KTE+12, KMD12, KM17, KRB15, KSY13,
LOL+18, LDR+17, LHH+12b, LHH+12a, LJD+19, LDF+16, MPS13,
MLGVE14, MKU+12, MCM+12, ML14, MN18, MMA15, MSM+11, NNWS15, OBPL19, PYW+14, PBD+15, PDJ10, Ram10, RetVH12, SCB+17a, SCB+19, SLR+11, SLEF17, SBE+16, THDH14, sX14, XYM+13, Yan09, ZFR18.

Plasma-Material [KC18]. Plasmas [BSM13, BT17a, BDBV12, BB13b, CHH+11, CFF19, DS11b, DOP17, FR15, GB14, HKJ+12, HAK+14, KGG+16, LXR+18, LH11, LRLK13, MF17, OILK17, PMS+17, PBL+18, RF16, RTT+18, SS14, SCM+16, VBC+12, VV18].

DBDP12, DR12, FMRP16, FZY13, FPY\,+\,17, GC10, GC13, GC16, GC18, GB11, HSF\,+\,19, JJ15, LCQF18, IWES18, LRR\,+\,17, MC16, MEG12, MAM14, ORCR17, PBMA12, PH11, PB16, RS12, RFPM\,+\,17, SGDS16, TM14, WZHE18, Wt14, XNK\,+\,16, XD13, XHD15, ZHCR18, ZMPT13, ZFBR11.

potentials [BNV18, BL14, BY13, BSWC14, DT18, DHR14, Err18, FCVH17, GH11, GD14, HLZ\,+\,13, KK14b, KHKR14, KHN19, Ngu17, OPO\,+\,11, OP13, OR14, THD16, TVZ\,+\,15, YW17, ZC12].

POTHEA [GCVA14b].

POTLIB2Math [TM14].

Potts [DG16, Boe14, FDWC12, KO13, KO14b, KO16, MEG12, NCHN15, TD11, XZF12, dSLF13].

Power [ZLL18, CC10a, CHC\,+\,11, EZBA16, SB11, SW12b, UW12, WWC\,+\,16, WCT11].

power-law [WCT11].

PPA [OK12, OK18].

ppohDEM [NMS14].

Practical [DG16, Boe14, FDWC12, KO13, KO14b, KO16, MEG12, NCHN15, TD11, XZF12, dSLF13].

Prager [GCH\,+\,18].

PRAND [BS14a].

Preconditioned [EFK\,+\,19, HKZN17, LHJZ10, SAY\,+\,18, SPP19, TKS10, VBS\,+\,17].

predict [LOV10, Pra11].

Predicting [rJmYT11, WS11b, YS17, ZZH\,+\,16].

prediction [AFZ17, AFZ18, BK13a, DBD\,+\,17, FLA\,+\,16, Liu14, LZ11a, LZ11b, LOSZ13, MW14, SL18, WLZ12].

predictions [BBH\,+\,11a, DGPW11, KKK\,+\,15, Pit10, RH11, SAE\,+\,16].

predictor [PAS11, PS14, SD10b, SA15b, TYH\,+\,15].

predictor-corrector [PAS11, PS14, SD10b, SA15b, TYH\,+\,15].

predictors [ADdM17].

Preface [HS11, Hsu11a].

preferences [DMC\,+\,15].

pregnancy [ZBMM11].

preparation [Rut18].

prescription [Deu16].

presence [BT17b, DCC\,+\,10, JPK\,+\,12, Nis11, RS12, SD14].

Present [Pat12, GFJ\,+\,14, TIMMI3].

preservation [MD11a].

preserving [BIT12, CWJ19, CM14a, CEF16, MF17, MN18, Miy15, Sal16, San15, SP18b, WLX13, WM13, YZ16, dTOV18, NO14].

PRESHOWER [HEPW13].

Pressure [HYM11, CHH\,+\,11, GAHP15, LHH\,+\,12a, M\,+\,19, MLK\,+\,17, MLK\,+\,19, NKS15, SHW18].

pressure-dependence [M\,+\,19, MLK\,+\,17, MLK\,+\,19].

Pressure-induced [HYM11].

price [KCL11].

price-price [KCL11].

primal [VvAV\,+\,11b].

primal-dual [VvAV\,+\,11b].

primitive [Ray10].

principal [MLGVE14, WLM14].

Principals [NFI17].

principle [CS17, Deg15, Evs14, HM18, SQL\,+\,10].

principles [CSL\,+\,13, EY11, ELL\,+\,17a, FWZ\,+\,12, GPS\,+\,13, JEC\,+\,12, LZ11, LS17a, PBMA12, SWL11, ZY17a].

PRO [MGL16].

Probabilistic [Er14].

probabilities [DSH17, PDC14, WW15].

Probability [PM13, SI11, AQJ10, Asc10, CMR17, Ker17, KCL11].

probe [AAJA14, TCK\,+\,15, XLX\,+\,15].

probes [BMG\,+\,15, KKS18].

ProbeZT [KKS18].

problem [BBB17b, BBC\,+\,13b, CLH\,+\,17, CDMCN11, CD12, Cho11, DPB16, Dua10, EKO16, GLX\,+\,14, IBB18, Ixa10, Jia10, KK16a, KPA13, KL11, LX12, Lzp12, LWW10, MW12, MFM15, MK10, MD16b, PS11,
RM10b, RC13, RC16, SCS12, WHB16, Wan10b, WP10b]. **problems**

[AABC$^{+13}$, AG$^{12a}$, BCDF$^{+18}$, CCLL$^{18}$, CAN$^{11}$, CCHL$^{11}$, CS$^{10}$, DMP$^{18}$, Des$^{16}$, DCU$^{+19}$, DB$^{13}$, DS$^{15}$, FGR$^{14}$, GvH$^{11}$, GMC$^{18}$, GN$^{14}$, GCHL$^{15}$, HKS$^{10}$, Ixa$^{16}$, Jan$^{10}$, JW$^{+18}$, JOR$^{+12}$, KV$^{10a}$, KBSP$^{12}$, KAS$^{12}$, KL$^{14}$, LMR$^{15}$, LV$^{10}$, LHZ$^{10}$, LWL$^{12}$, LHC$^{+13}$, LCQF$^{18}$, LW$^{14b}$, LAC$^{+17}$, LR$^{13}$, LR$^{16}$, MCW$^{15}$, ÖY$^{13}$, PS$^{14}$, PS$^{11}$, SKFP$^{16}$, SS$^{13b}$, SK$^{14}$, SMCB$^{+15}$, SS$^{10b}$, TFBW$^{14}$, TACA$^{15}$, TVT$^{+16}$, V$^{+13}$, WFV$^{14}$, ZHS$^{13}$, ZWL$^{17}$, ZX$^{10}$, ZLL$^{13}$, ZNT$^{15}$, vRWS$^{14}$, vWB$^{10}$]. **procedure**

[AKS$^{17}$, BW$^{16}$, BSWC$^{14}$, CCLL$^{18}$, KMD$^{12}$, KM$^{17}$, KSW$^{12}$, RC$^{18}$, TIM$^{13}$]. **procedures**

[Dua$^{10}$, FG$^{13}$]. **Procesi**

[HDZ$^{14}$]. **Process**

[BKS$^{15}$, CLF$^{18}$, DK$^{14}$, LTL$^{+12}$, LCRL$^{10}$, dHGCS$^{11}$]. **processes**

[BdVGS$^{11}$, CPHL$^{14}$, CF$^{17}$, CRC$^{+13}$, CI$^{11}$, GTPWL$^{12}$, MKB$^{+11}$, OK$^{12}$, OK$^{18}$, RCD$^{+10}$, Ros$^{15}$, TC$^{11b}$]. **Processing**

[Boe$^{18}$, Dem$^{11}$, Mau$^{16}$, MSML$^{10}$, YLO$^{13}$, BK$^{11a}$, BHS$^{18}$, BJCW$^{13}$, CDS$^{13a}$, CMSN$^{18}$, CSSB$^{15}$, Col$^{14}$, DBDP$^{12}$, DS$^{11a}$, DF$^{13}$, FSH$^{13}$, FUSH$^{14}$, FCVH$^{17}$, FVH$^{18}$, Fil$^{14}$, Fri$^{14b}$, FWS$^{+17}$, FY$^{13}$, HAN$^{+16}$, LAA$^{+10}$, LAS$^{+17}$, MED$^{11}$, MEM$^{+11}$, NPAG$^{11}$, PVH$^{+17}$, PFD$^{+13}$, RFSF$^{18}$, SH$^{12b}$, SSM$^{+17}$, TD$^{11}$, Tic$^{10}$, WDL$^{11}$, WW$^{17}$, Zlo$^{13}$]. **processor**

[APRG$^{11}$, NBN$^{+14}$, Rap$^{11}$, TB$^{14}$]. **processor-based**

[LSG$^{+12}$, RJKC$^{16}$]. **produced**

[AG$^{14}$]. **Product**

[BBUY$^{13}$, BKMP$^{16}$, BG$^{14b}$, CWW$^{10}$, CWW$^{15}$, Cip$^{13}$, DDKM$^{15}$, GLPQ$^{11}$, Gin$^{10}$, HLM$^{13}$, KKK$^{+15}$, Les$^{16}$, OK$^{12}$, OK$^{18}$, WW$^{13}$, YWW$^{13}$]. **production**

[BB$^{11}$, BS$^{13a}$, BB$^{13a}$, CGV$^{13}$, DHR$^{14}$, GBS$^{16b}$, LDS$^{14}$, NS$^{10}$, VPM$^{16}$, AC$^{13}$, AM$^{10}$, AM$^{11}$, Arb$^{12}$, Asi$^{10}$, AZ$^{17a}$, AZ$^{17b}$, AKV$^{18}$, BGM$^{+14}$, BF$^{16}$, BBPS$^{14}$, BH$^{14b}$, BFD$^{+11}$, Bog$^{16}$, CKLM$^{10}$, CDTV$^{10}$, CH$^{11a}$, CATK$^{11}$, CXH$^{+15}$, Cip$^{13}$, Cip$^{13}$, CGGC$^{13}$, CRNK$^{12}$, CM$^{14b}$, CO$^{11}$, Dan$^{13}$, Dem$^{19}$, DDKM$^{15}$, Dev$^{12}$, DKG$^{+14}$, EJG$^{+19}$, FMR$^{16}$, Fer$^{15}$, FCCT$^{+18}$, Fis$^{11}$, FEH$^{11}$, Fri$^{12}$, Gao$^{13a}$, GLS$^{+13}$, GCVA$^{14a}$, GCVA$^{14b}$, GNT$^{17}$, HSF$^{+19}$, HLM$^{13}$, HEF$^{12}$, IHS$^{+10}$, JP$^{10}$, Jia$^{18}$, KKS$^{18}$, KNS$^{+17}$, Kob$^{13}$, Kol$^{14}$, KS$^{12}$, Kra$^{11}$, LHC$^{+12}$, LZZ$^{11}$, MCV$^{18}$, MUU$^{18}$, MCA$^{17}$, MPS$^{13}$, MLW$^{+10}$, ME$^{18}$, MNV$^{13}$, MGB$^{18}$, MBGK$^{11}$, MSNI$^{11}$, NGG$^{+13}$, NGM$^{+10}$, ÖN$^{14}$, OKM$^{12}$, dIRJL$^{14}$, PCR$^{17}$, PSL$^{+17}$, Pit$^{12}$, Pos$^{18}$, RDP$^{14}$, RFPM$^{+17}$, SXY$^{+12}$, Sai$^{10}$, Sar$^{17b}$, SSS$^{+10}$, SBB$^{13}$, SDM$^{+12}$, SDS$^{+17}$, STY$^{15}$, STY$^{18}$]. **program**

[SZM$^{+14}$, SS$^{10a}$, SLLP$^{17}$, SSK$^{+13}$, TVZ$^{+15}$, TS$^{11}$, UW$^{12}$, Ver$^{16}$, XMLC$^{16}$, YLTS$^{16}$, ZF$^{16}$, ZBG$^{+16}$, ZKW$^{+15}$, ZY$^{15}$, ZWS$^{+17a}$, ZMCT$^{12}$, ZZD$^{15}$, ZZ$^{17b}$, ZHL$^{11}$, Zlo$^{13}$, ZUT$^{13}$, db$^{14}$]. **programmable**

[LP$^{+17}$]. **programming**

[BY$^{17}$, EGT$^{+18}$, GRTZ$^{10}$, JTW$^{+17}$, LSYZ$^{12}$, SV$^{14}$, iSYS$^{12}$, TSTT$^{13}$, VvAv$^{+11b}$, VvAv$^{+11a}$, WML$^{11}$, YHL$^{11}$]. **program**

[ABB$^{+14}$, Ano$^{10o}$, AC$^{16}$, Bjø$^{11}$, CL$^{15b}$, HD$^{11}$, JCL$^{10}$, KO$^{14b}$, Kom$^{15c}$, KO$^{16}$, KPST$^{15}$, KYS$^{+15}$, LCJ$^{10}$, LBB$^{+16}$, LYSS$^{+16}$, SSB$^{+16}$,
project
[BBC+13b, DBK+14, GAC+17, LSJ13]. projected
[BK12, Jan10, PR10, SKB10]. Projecting [BHS15, DHS14]. Projection
[DAW+19, WX14, GHv3LL11, Sal16], projective [LL12], projector
[CKT17, DA16, THJ+10, YLO13, JTH14, RCGT16]. prolate
[ALSW14, Kir10]. ProMC [CMSV14]. proof [BRB12, Deg15, SS18].
proof-of-principle [Deg15]. propagating [GTS14, MC10, Raw15].

Propagation [ACML11, APRG11, BF16, BRL12, BPM114, BG14b,
DKSG16, EKDG15, GB14, HEPW13, HKvH16, HHM+15, IB11, JCL10,
KFS+13, LR13, LR16, MiH12, MA11, OAKS11, PQTGS17, TMD11, TK18,
VDJ+11, Wal11, WGG16, ZIs14]. propagator [MNV13]. propagators
[EPS15, GM16]. propelled [AD11]. Proper [HJH17]. properties
[AM14b, BKA+14, BIT12, CLC14, CHW+15, CSL+13, DSS+12, DES+11,
EY11, Fri12, GWL+17, GM11, GRR+14, HCRD14, KAR+15, KAvdL11,
KZ14, LFKD18, LSDD14, LSG+12, MLW+10, MF17, MFS10b, MGB18,
PVK+14a, PVK+14b, PMVG16, RKGC+17, SPAW17, Ste17, TG11, Voy13,
WXL13, WQ18, WWL11, ZMJ13]. property [FLW10, ZZ17a]. proportional
[KB15a]. Proposal [BBC+13a, Yam16, Ano10a, KFS+13]. prostate
[RMS+12]. Protein [Fri17, CB16b, LVL11, SZC+13, YK10, DPK+15].
Protein-like [Fri17]. protein-surface [CB16b]. proteins
[BHH+10, BHW+12, BBH+15, CS16, CZN14]. ProtoMD [SMO16b]. proton
[BS13b, Gin10, MSN11]. proton-proton [BS13b, Gin10]. prototyping
[SMO16b]. Ps [KH11]. Pseudo
[Dem11, BCJW13, KZC+10, LV15, MDHD18, SNB11, SVV19, TD14, UO15b].
Pseudo-random [Dem11, BCJW13]. pseudo-spectral
[KZC+10, LV15, SNB11, SVV19, TD14]. PseudoDojo [vSGB+18].
pseudopotential [DSL11, GVPJ18, JCW+13, vSGB+18].
pseudopotentials [BPS+16, HBP+15, SG15]. Pseudorandom
[HLD13, ÖY13]. pseudospectral [DT11a, HKvH16, TC11b, YZ16]. PSML
[GVP18]. PSsolver [ADdM12a]. PSTD [GV15]. Pt [SWL+15]. PTD
[BD12]. PTX [SYS12]. public [SAE+16]. PUFoam [KDM17]. pulse
[APRG11, CCXC15, GCF+17, IB11, KME+11, SPS10, TKZ18, WP10b].
pulsed [CHC+11, GC12, LJSW11]. PumpKin [MLGVE14]. PUQ
[HHM+15]. pure [CB13a, JCL+18, KAR+15, NS11b]. purpose
[ASPD1+16, AABC+13, DBP+18, Fer15, GJ14, GNA+15, LPC+15, MSL+10,
RFPM+17, ISSMI11, S10a, TAdISS11]. Pushing [CSV+18]. PWBA
[BPC12, Cip11]. PyCDT [BMZ+18]. pyCTQW [IW15]. PyDII [DMC+15].
PyFR [WFV14]. PyGBe [CB16b]. pyGDM [Wie18]. pyIAST [SSH16].
pyJac [NCS17]. PyR [LSSW14, LS17b]. pyramidal [ZHC16]. pyrochlore
[IUM13]. pyrolysis [XAPK14]. pySecDec [BHJ+18]. PYTHIA
[KRW13, SAC+15, EGPS10]. Pythia8 [AAB+10b, War16]. python
[Wie18, BMZ+18, CMM14, CFSK14, CFW17, CSRV13, CKK+13, CBB14,
Cri18, DEMM19, DMC+15, GH18, GdGB+18, HHP+16, JNN12, JNN13,
KPK+17, KSH14, KBLJ18, LS17b, ML16, RKVL14, SV14, SSH16, Var16].
PyVCI [SC16a].

Q [SKB10, Wan10b].  **Q2DTor** [FCCTFR18].  **QBH** [Gin10].  **QCD** [AC15, AC16, AC18, BLPP13, BBY13, BK13b, BCS10, BBC+11, BCD12, BS13b, Bot11, CB13a, CDS+13b, CBP+10, FLK13, GM18, HKK11, JPS10, KP12a, Kan18, LCL+11, LS13, MWL+10, NIK+12a, NS10, STK10, SV13, TKS10, WL11a, War16].  **QCDLoop** [CEZ16].  **QCDMAPT** [NS10, NS11a].  **QCDMAPT F** [NS11a].  **QCDNUM** [Bot11].  **Qcompiler** [CW13].  **QCWAVE** [TJD11, Tab16].  **QDENSITY** [Tab16].  **QDENSITY/QCWAVE** [Tab16].  **QED** [BCR14].  **QEDMOD** [STY15, STY18].  **QEDv2** [SV14, Vuk12].  **QIST** [HWM+15].  **QLM** [Kri12].  **QM** [MMSF+15].  **QM/MM** [MMSF+15].  **Qprop** [MB16].  **QQbar threshold** [BKMP16].  **QRAP** [SKB10].  **QSATS** [Hin11].  **QSWalk** [FRW17].  **QSWalk.jl** [GMO19].  **Quantad** [SPSP18, AG12b, AAT17, BK12, JPM12, Jiw15b, MSR10, MN10, PFFK19, PTS12, Sch14b, Shi16, PSP16].  **quadrature-based** [BK12, PFFK19].  **quadratures** [PPY14].  **quadratic** [ASPDL+16, DSPJ10, GSB+14].  **quadrilateral** [LWRQ16].  **quadrupole** [TUY15].  **quadrupole/octree** [TE18].  **quality** [CLH+17].  **quantification** [CNS+14, KZ14, OO15b, OO15a].  **quantitative** [BHH+10, BBH+15, CSC11, LN16, SSM+17].  **quantities** [KFT+16, LCH11, WHG+19].  **quantum** [SH18, SZ15, SKFP16, SPMM11, SOM+13, SGW17, SH16, SZM+14, Sou14, SGS11, SKSK13, SUI8, TJD11, Tab16, TTG11, Vuk12, WFM14, Wan10b, WC10, WM13, WPAP14, YCO15, ZHC16, vWB10, BKC+17, GSZ13, KST14a, MMSF+15, RF10, YKS11].  **quantum-mechanical** [LV13, RC11].  **quantum-transport** [EY11].  **QuantumOptics.jl** [KPOR18].  **Quark** [BBB+15, ARAB+17, ACD+14a, BG14b, CCN17, Gao13a, HLM13, KKK+15, SS12].  **quarkonium** [Sha13b, Sha16, WW14].  **quarks** [ALL+11, BKMP16, KP12a].  **quartic** [KVW11].  **Quasie** [JLA+14, BCT17, CJH11, CHC+11, GZW17, HDZ14, KFS17, LKA+16, LB13, NS17, dIR11, PE15, VB19].  **quasi-bound** [LB13].  **quasi-cylindrical** [LKA+16].  **quasi-Degasperis** [HDZ14].  **quasi-harmonic**
relations [SS13c]. relative [Bar11b, BSWC14, FS17]. Relativistic [GBL13, Hsu11b, Mül14a, Aza13, Bab14, BHS18, CGM17, CEF16, EJG19, Erm18, Fri12, GM11, GTS14, GBJ10, GBJ12, GBJ13, GFJ14, GBJ15, GYW10, HH11a, JGB13, KHB14, KKG15, KNS17, KPST15, KMA12, LWES18, MDHD18, MCA17, MF17, NGG13, NPVR14, QYM11, QA13a, Szy12, Sar17a, SQS16, SS11a, SLEF17, XYM13, ZD15, dlRM18]. relativity [MG10a, Mul11a, Bre10, GLMG12]. Relaxation [CYN19, BSM13, BP11, BPMS16, Eba13, FN17, KS15, MKB11, SW12b, XHLUF18].


RunDec [HS18]. rung [DSW+15a]. Runge [BM13, CFMR10, DBMR18, DIP11, DM17, FG13, Ixt12, KMS14, KZC+10, KAS12, MIW+12, MKS10, NS15, WXL13, WW10, YZWR14]. running [CDS13a, KPV16, SS12]. Runway [ZDWY10]. Rydberg [SPAW17].

S [BL18a, Maž19, BFD+11]. S/PHI/nX [BFD+11]. SaaS [VMPMVH+17].

SADE [FF11]. SAFT [ESM17]. SAFT- [ESM17]. Sailfish [JK14].


SbNCA [BKA+14]. SC-NBL [KIH19]. Scala [PS19]. Scalability
[ZZG+16, APC+14, SCM13, VV18]. **Scalable**

[ASA18, AIG16, NSH+19, BYC13, BY17, BHN16, BENK+17, DHJ13, DGL0c, FWS+17, GGI+13, GP13, JPH+14, KC18, MTM13, VBG+10].

**Scalar** [AHK+12, BMS+16, CEZ16, LZZL10, PQTGS17, SAHP15, vH11], **scale** [BMC+11a, BC10, DDJC+19, Bis15, BHJ+15, BJH+18, BAF18, BY17, CB15a, CB17, CB18, DSW+15a, Da16, DADS11, DO14b, DML+16, GS15, GvdL11, GZL14, GdF10, GBS+16a, GAO13b, HLS12, HLS+17, HKK11, JEF14, JXTS16, JWCV17, JOK13, KHZ+18, LCQF18, LR13, LR16, MBS+10, MCNRC16, ORS+14, OP12, PLD+13, RLM13, Sch14a, Sha13a, SXX+18, SLZ16, SPS+18, Tau10, THDS16, TIMM13, TIM+16, UVRT10, VBG+10, WS13, WDL11, WSH+12, WLZN17, YFAT17]. **scales** [HCM19].

**Scaling** [ZMJ13, AS11a, BH14b, BH16, CCWL11, FUSH14, FVH18, GNA+15, GYW+10, HHS+10, JWCW17, KBB+17, LD10b, MMO+17, OKK+12, RWKS15, dSLP13, vMB14].

**Scans** [Mau16].

**Scans** [Mau16]. **scar** [TTS11].

**SCATCI** [ART17]. **scatter** [LP15, MTO15]. **scatter-gather** [MTO15].

**Scattered** [End11]. **Scattering** [BD12, AV13, AKR15, AfIS12, Bab14, BH16, BH17, CKLM10, CAN11, CRNK12, DW10b, EW14a, EW14, EW14b, EW14, EW14b, EW14a, EW14b, EW14a, EEW12, FOB+15, Fu19, GN14, GRLS18, HP14, HZ11, Jiw15a, JSLM16, JP10, KC14, KHK+11, KZC+10, KP14, LJE11, Les16, LS12a, LXX16, LWES18, LAG+17, MLR10, OK14, PNL13, PR10, PKRS16, SMOB19, SNG+11, Ser10, SKML11, SAS11, SDL+16, TACA15, TVGB15, WJZ18, ZHS13, ELL+17a, XNK+16]. **SCBiCG** [GCHL15].

**Scene** [CFCB12]. **scene-dependent** [CFCB12]. **SCF** [WPD+15].

**Scharfetter** [PFFK19]. **Scheduler** [ALS16]. **Scheifele** [YZZ11]. **scheme** [AAD13, AAD14, ACM11, ACTP15, BM13, BBC+13a, BE14, BMBC+17, BB12, CWS14, CZD15, CYN19, CWY+17, CEF16, DJ11, DM17, DOP17, DML+16, EW14a, EW14b, EEW12, FOB+15, Fu19, GN14, GRLS18, HP14, HZ11, Jiw15a, JSLM16, JP10, KC14, KHK+11, KZC+10, KP14, LJE11, Les16, LS12a, LXX16, LWES18, LB10b, MW1+19, MKU+12, MS14, MF17, McM17, MN18, MMA15, MS15, MD10b, ICD13, NO14, NAQ16, iNSK+15, OKM12, PZVL19, PA13, QSC14, RHW+12, RH11, SP16, SR12, SK15, SSH+13, SCLW16, SD10b, SA15b, SC15, SB11, Sok13, SW12b, SCM14, TD17, TYH+15, TCP13, UNK12, WZS+11, WG16b, ZNT15, dTOV18].

**Scheme-independent** [Les16]. **schemes** [ACMM10, ACM12, BK16a, Cap13, CBAM12, CM14a, DBMR18, DJ14, FDZ17, GA10, GLW14, HWS16, HJ14, IKS19, JKIS16, KPvdH13, LLSZ14, LYL+17, MIW+12, PFK19, PTMDPK14, QA13b, SP18b, SYE+18, XHLU+18, XYK12, YZ16, YZ19, ZKS+18, dRM18, vD10].

**Schild** [WN10].

**Schmidt** [CBGY17, CBG18]. **Schneck** [Sch18]. **Schramm** [SW11].

**Schrödinger** [ABB13, ABH+19, BAR12b, CWS14, Cap13, CPV13, CS10, CSJ+17, DT10, DT11a, DM17, Dua10, DM12, FE11, GS15, GG16, IKS19, Ixa10, JYPA18, KZC+10, LV14, LWZ14, LST15, Lin13, LB10b, LY16, MC16, Moh14, ICD13, NNO011, ÖN12, PAS11, PM16, QSC14, SSH+13, SB11, TD14, TT14, TY10, Wan10a, Wil99, XZ12, ZST11]. **Schrödinger/Gross**
[ABB13]. Schroedinger [SMdONF14]. Schwarz
[HLLH16, HCSW10, TVT+16]. Schwarzschild [JLM18, Jia18]. Schwinger
[CKCS13, HB12, HM12b, SAW18]. Science
[LSJ13, SNG+11, TN11, CKhN11]. sciences [GMH11]. Scientific
[CCdC+11, AMR+18, Che11, CSRV13, Dan10a, Dan10b, Dan11, Dan12,
JVR12, OTC14, RSSH+10]. scintillators [KME+11]. scrape [JHL+15].
screening [CSC11]. scripts [CF16, Gio14b]. SCTE [MGFRG12].
SE [NAQ16, QYM11, QA13a, SP18b, WZS+11]. search
[BBB+11, BPSS18, BG13a, DR12, GCC+18, JTP15, KPvDH13, MTS+16,
PP13, PMS+15, TC11a, WP11, WRFS15]. searches
[GT+17, VPP+12, WRVdL15]. SearchFill [DBJ11]. Searching
[KBLJ18, Ano11a, LOK+16]. SecDec [BH13, BCH13, BHJ+15, CH11a].
SecDec-3.0 [BHJ+15]. Second [BB13a, HD17, ADdM15, ACDdM19,
BK16, GPS+13, KTB17, Kir10, KBB+17, LX12, LJSW11, LW14b, NS15,
NO12, PKT15, Pla16, RL10, VEB+18, WC13, WYSW10, WT15, Zit11].
section [ALL+11, BS13b, BHS15, CYD11, CM14b, DHS14, OIKL17,
SGA18, Shi16, vS13]. sections [ASEA14, BPC12, Cip11, Cip13, DLM18,
Gao13a, GLS+13, Kol14, Lit13, PDL+18, VC10]. sector
[BBH+11a, CH11a, KU10]. sectors [BBH+10, KKS18, KZ11]. Security
[ÖY13]. sediment [SYD17]. see [BBC+13a]. see-saw [BBC+13a]. seed
[RMS+12]. seeding [ASPW13]. seesaw [CGV13]. segment [LFG14].
segment-wise [LFG14]. segmentation [MGO13]. Segmented [KS16a].
Seismic [LZZL10, CL15a, GMRHRCME13, MACdF14]. SeismicWaveTool
[GMRHRCME13]. Selecting [CB15b]. selection
[ABH+19, BPSS18, CLH+17, HJJH17]. selective [JK13, TIMM13]. Self
[BM+11a, CCGC13, ASGLK10, AK15, BCH11, CDTV10, CGSB18, Den10,
DR12, Erm18, GCA14b, HPKF15, KOK17, MT13, NPVR14, PB13, Pit12,
QHC+10, SEW12, SEW14, SBB13, SHM11, XNK+16]. self-adjointed
Self-consistent
[CCGC13, CDTV10, DR12, KOK17, NPVR14, SEW12, SEW14, XNK+16].
self-consistent-field [Erm18, Pit12]. Self-energy [BM+11a, PB13].
[CGSB18]. self-polarization [Den10]. self-questioning [QHC+10].
selfadaptable [CFCB12]. Selfconsistent [ELL+17a]. Semi
[DS15, GHBL18, KZC+10, BB12, CZD15, DS10, Ein16a, FJK+17, GAB+16,
IBP+15, JYPA18, Lan13, LHH+12b, MCV18, MIW+12, MRVF13, QSC14,
Ser10, SMdONF14, SHL+11, UNK12, WG16b, Wib15, ZLL13].
semi-analytic [Ser10]. semi-analytical [DS10, FJK+17, MRVF13].
Solutions [Lev19, AD14, ADdM12a, Ben11, CZ18a, CB13b, DGST17, Er14, JLW13, KMM13, LLL12, LLL13, sL10, MC12, MSZW11, MK10, MNO011, NO12, PAS11, PS14, SR12, TD14]. solvated [WFM14]. solvation [ZPH+15].

solve [AD14, AD15, ADdM12a, DG10a, JSLM16, ON14, RJLL16, SS13c]. solved [ACMM10]. solvent [CBB14]. solvent-ﬁlled [CBB14]. solvents [ZBG+16]. Solver [DSW15b, BMC+11a, BMC+11b, BKOZ16, BAR12b, Bot13, BC11, CVK+17, CP15a, CPV13, CCL18, CZF18, CRSL18, CRA10, CFF19, CBB14, CDR+15, DBLF16, DG13, DM12, Ein16b, Exl17, FJK+17, FSC13, FE11, FZY17, GS15, Gai17, GBP13, GJ14, GJ16, HWG13, HZW+19, HWM+15, Hua17, HCHW11, KDM17, KYM+17, KH12, LYP14, LW14a, LC15, LCM14, LYY+17, LF12, LWJ18, LWP+17, LCM10, LCHM13, MC16, MTE17, MGL16, MR14, MCM15, MV15, MCL+17, OILK17, ORS+14, PZY16, PMS+17, PBD+15, Qia17, RVDS16, RDVS18, RC13, RC16, SVGS18, SVS19, SKFP16, SSX14, SGW17, SLEF17, TL17, Ter17, VV16, VV18, WBS+18, WC13, Wit14, sX14, YXT+15, Zag14, ZPH+15, ZPvR16, ZCG17, ZPS+18, HB13]. solvers [AL17, BSK+18, BB13b, CB18, CGM17, CBB+10, CSV+18, DBMR18, DZ13, FR15, GWF+11, HC17, Hoh18, LV15, Qia16, VLPPM14, zYCG+18].

Solving [BAK+15, BAK+16, BAK+17, CD12, CBB+10, Dem13, DPB16, DSP15, ENEO15, Fan19, Fill13, FGG11, HAK+14, HAH13, HS14b, IH11, JC16, Jan10, LV10, RHH12, SMDONF14, VSO+13, BK11b, BMBC+17, CS10, CFF+13, DT10, DM17, FGR14, GBSY18, GX15, HLLH16, HM12b, JPSS10, Jal10, Ji15b, LLMW17, LBB+16, LYSS+16, LAG+17, MLS10, MM12, ICD13, NAQ16, FS11, QYM11, QA13a, RL10, Ras09, Ras17, SSB+16, SSH+13, SP18b, SCLW16, TY10, UNK12, VVB+12, Wil19, WFV14, XWF18, XZ12, YZWR14, YSVM+16, YSMA+17, ZHSL13]. SOMA [SM19]. Some [CEPI10, FG13, HWCdM19, MR13, MS15, ZHSL13, Er14, Ixa16, KD16].

soot [ZLFM11]. sooting [EZL+16]. sorting [MEM+11, MM11]. SOSpin [CECGS16]. sound [KL11]. sound-soft [KL11]. source [AZ17a, AZ17b, AFZ17, AFZ18, BCP+16, CMC+15, CHC+11, CFW17, CML+15, DBP+18, DBLF16, FLA+16, HSF+15, HKvH16, HWM+15, Hua17, JWC18, JNN12, KDM17, KPK+17, KSH14, LPC+15, LZ11a, LZ11b, LZ12, MK10, MZE13, MSNI11, MMY+19, MYS15, MGFRG12, NMS14, NGCI+12, ORS+14, SC16a, SPAW17, SAHP15, SDL+16, TL17, TACA15, VBG+10, VB19, WGG16, WFV14, WPV14, WZS+18, XAPK14, Zag14, ZCG17].

Sources [EW14b, EW16, EEGW12, KM10, ML14]. Space [BBB17b, FDZ17, JKG+18, BG11, BAK+15, BAK+16, BAK+17, BY17, CDBM16, CVK+17, Chr18, CSV+18, EUT+15, Evs14, FZ16, FGLB12, GTS14, GBSY18, HLW16, JBG+17, JLW18, Jia18, KKL+18, KSI6b, KSW15, KS15, LOK+16, MDHD18, MC16, MBB+10, MJB+10, MGB18, MSS+16, MSM+11, MSH11, NAQ16, OBH10, OKC11, OOK+12, dRJL14, PS11, PSBT12, QYM11, QA13a, Qia17, SP16, SCRS17, SA15a, SBH+12, ZD15]. space-charge [Qia17]. Space-dependent [BBB17b]. space-fractional [MDHD18]. Space-time [FDZ17, CVK+17, Chr18, JLM18, Jia18].
FHA17, GM16, JCL+18, LS15b, LWYW11, MAC12, MC10, NS15, OAKS11, PAS11, PS14, Ram14, SVV19, SB11, SS10b, Ume18, WZ13, YZZ11.

step-selection [ABH+19], step-size [BM13], stepping [AH13, DJ14, IBP+15, QWZW18, SHT18], Stern [CBB14], Stewartson [GML15], Stieljes [GLX+14], stiff [LL12], stiffness [BW11], STM [MAC12].

Stochastic [EPB+16, JP11, LL12, NEW+18, ÖKC11, PLCC12, STT11, SMJ17, WSTP15, ZE11, ZE16, ZBMM11, AD15, BdvGS11, DBJ11, DJH13, DSP15, Er14, FRW17, GJLB12, GMO19, HJ14, JK10, KD17, KBSP12, LP15, NBM+15, NF117, PCVZ11, SJ11, VBC+12, YK12].

stock [KCL11].

Stokes [BKOZ16, EW14a, FDZ17, FBHB17, FM15, LWJV18, MVS15, Sal16, SK15, SP18b, VSO+13, ZPS+18].

Stokesian [BHND16].

Stomo [PR12].

stopping [AG12a].

storage [Ano11o, BMC+11a, CLH+17].

strahlung [DDKM15, BHZ13].

straight [BL18a, dJBIM16].

strain [LHSL14, KCA+15, Laz15, WP10a].

Strategies [AS11a, AYDY11, BTM+17, CMRVVR+14, CB15b, CB16b, CMR17, CRNK12, EY11, FDWC12, GLAC13, Gwi12, HCRD14, HST+11, HCC14, HM11, HB13, IUM13, JTN+11, JLW13, KBB+17, LLHC11, LRC+11, LZQ+13, LN16, llsSZ14, LHS14, LS11, LNSD15, LSD18, sLqSqL+13, LMAB16, MiH12, MPSV15, Min11, NRSVW12, PBE14, RB18, SS18, SWL11,
PAS11, PS14, RS12, REBS16, SW12a, SW13b, Sza13b, Sza13a, SJY18, TC12.  

**symmetric** [SJY18], symmetrical [AAD14].  

Symmetry [MW14, Alv12, BCDP18, CDTV10, CFSK14, FF11, GNT17, HJJ+14, LRC+11, ZAHAl0].  

Symplectic [LQ18, M010, Bla15, CFW19, CFMR10, CZS10, CYSL12, HDZ14, KMS14, KZC+10, LS12a, LYL+17, QSC14, RHW+12, SSh+13, SW12a, SW13b, WXL13, WWHW14, WWC+16, ZST11].  

SYMPIER [KDP+14].  

synchronous [BENK+17, Fer15, SCM13].  

synchrotron [LSF14].  

synthesis [LHWL16].  

Synthetic [MGA+13, BL18b, KFF+16, PN15].  

System [KBT+14, Ano11a, BMC+11a, BJBC+14, BCDP18, BBH+10, BBH+15, CDM16, CFCB12, Cas12, Dat13, FBHB17, GZL14, GB13, HAH13, HZ11, HLD13, JMG+17, Kro16, LDR+17, sL10, MD10a, MS1+10, MCA1F14, MSH11, OK10, ÖY13, PIR10, SW+18, TGG11, TTS11, TD17, WXL13, WWHW14, WWC+16, ZST11].  

SYMPLE [KDP+14].  

T3PS [Mau16].  

T-matrix [HD17], t-SURFF [MB16].  

T3PS [Mau16].  

**table** [JTH14, LY13, Wei11a, vSGB+18].  

tackle [CKS10].  

 tadpoles [Pik18].  

tag [DK14, HLS12].  

tag-mediated [HLS12].  

tailored [VvAV+11b].  

**tangents** [PR10, PR12].  

Target [DAW+19, GC13, HHT14, Rv16].  

targets 

[BAK+17, HC16, HJJ+15, MS1+17, SMOB19].  

Tartarus [SGSG19].  

task [TGH+16].  

**task-based** [TGH+16].  

tasks [HWT10].  

tau 

[SW14c, Wan10a, HTT13, HTT14].  

TAUOLA [CPWZ18, DN+12].  

Taylor [WG12].  

TaylorUR [vH10].  

**TD** [HM17].  

**TD-DFT** [HM17].  

**TDDFT** [PV+18, PUO14].  

TDDS [MLHR19].  

TDF [SGDS16].  

TDHF 

[MRSU14, SRS+18].  

**TDSE** [FZY17, ON14].  

**TE** [LS17b, LSW14].  

tearing [HSK+12].  

**Technical** [DN+12, DPW16, LS+15a].  

technique 

[BAL16, BCDP18, CS10, DG10a, DG10b, DM17, Eba13, EKDDG15, GHvdL11, GGG16, GTS14, Han10, JAS17, KN13, Koh15, KR16, LLX14b, ...]
NPAD11, NDSH18, NVAFO18, Ram10, SK14, TH17, VDB14, WLS13, WDR16, MAIVAH14. techniques
[BCS10, BD12, BJM15, BVSG19, BSW12, GSB+14, JZJ18, KHKR14, LAG+17, MFW+13, MC12, OBH10, PLF+17, RGH10, RWKS15].
technological [CMed11]. technology [DM12, MSt+10, RB18].
telegraph [PKT15, XYK12].
telescope [ECD+10].
tell [KSL+11]. TEM [KQYH17].

Temperature [HST+11, HEF+11, BM16, CM10a, GB14, HvWT17, Hin11, KST14a, KCT15, KGSN10, Liu13, LK15, Liu15a, LJ+19, MIl16, RF16, SLK19, SLC11, SC15, SC16b, SPSP18, VdLF14].

temperatures [Wai12].

tempering [Boe14, FFT+14, JJ15, VdLF14, VDF15].

TemplateTagger [BJ14]. Temporal
[MD11, SCB+17a, YCHS11, IBP+15, KEH12]. TENO [Fu19]. tensile
[SCM+18]. Tension [RM10a]. Tensor
[SPS18, BK12, Bre10, DKOS14, DLW+18, GCH+18, HR11, KAK12, KK14b, KK14a, KCA+15, Lya15, NKS15, Nie18, PGO17]. Tensors
[Dep17, Ara14a, Ara14b]. term [Pla16]. terms
[ACMM10, ACML11, ACM12, Deg15, HMU10, LNP+17, MSR10].
ternary [Sza16]. terrain [OAKS11]. TERS [Nat10, Nat09]. Tesoro
[Lya15, AAA+16]. Tessellation [CMSN18]. tessellations [SOJ14]. Test
[LNSD15, PBE14, SISW10, TdAdSS11, VEM12, ZZG+16]. test-kinetic
[VE12]. TESTER [DGPW11]. Testing
[ES11, FMRP16, Pit10, Liu11, MGFRG12, TVT+16, Zlo14]. Tests
[SMJ17, Gag12b, Gag12a, GH18]. tetrahedral [JG16].
tetrahedron [GJ18b, Kap12a]. tetrahedron-based [GJ18b]. Tevatron
[BBH+10, BBH+11a]. TFmix [SLK19]. Th [CHW+15, GJ14]. th-order
[GH14]. their [BDJS18, GSK17, GCVA14b, KAR+15]. theoretic [SSBS15].
Theoretical [HCC14, LQZ+13, NS11b, NVW+13, Sit18]. theories
[ADF+15, CJ12, Cip11, Fri14a, LSSW14, SA14]. Theory
[GS17a, VCMS+13, ZHZ+16, ASA18, BPC12, BB13a, BW12a, BG11, BO12,
BRH+16, CXH+15, CKhN11, Chr18, Cri18, DF13, FK15, GWL+17, GBR+14,
HAH13, Hsn11b, HHS+10, JCW+13, KBB+17, KVW11, KPST15, Kra17,
Kra18a, LA13, LSDDI4, LWES18, LSK+14, MGRB11, MBF+10, MOB12,
MS+16, MG10a, Mülli10a, MC17, Naz12, NRSVV12, Nut14, OOK+12, OT11,
Pre18, QF16, RWKS15, San15, SD15, SCRS17, SSH16, SBJ+12, SÜ18,
TVGB15, VBS+17, WHG+19, Wan10b, WM13, YZWR14, YLYL17, ZAHAl0,
BK13b, BC10, DBB12, GS17b, LT15]. thermal [CCXC15, DS13b, FSH13,
Fow18, FM15, GM14, TKP12, Wan16, YK18, CKFB12]. thermally [CZN14].

THERMINATOR [CKFB12]. thermo [DMZ15]. thermo-chemical
[DMZ15]. thermochemistry [YFA17]. thermodynamic [BSWC14,
Cou13a, Cou13b, DES+11, GRR+14, MJB11, RKGC+17, TDL+14, ZHZ+16].
thermodynamics [AGVP10, Fri17, KH10, MWL+10, dRRAP11].
Thermoelectric [BKA+14, KAR+15, NVAFO18, PVK+14a, PVK+14b].
thermostat [GJHF14, JBKM15]. Thermostatical [GM11].
thermostatistics [AMR15]. thickness [CDSG11]. thin [BL14]. Third
[MAM14, NS15, VEB+18]. Thomas [GLHR19, SLK19]. Thouless [RMC16].
threads [CUL+17, sLqSqL+13]. Three
[BY13, CW16, dAfdSVM12, HWS16, LJSW11, LB13, MNPFl7, SC15,
WWC+16, YWX11, ABB+16, BC11, BKM14, BK16b, CS16, DS13c, DMC10,
DO14b, EKO16, Ex117, FFT+14, GTPWL12, GBD10, GSMK17, HLW16,
HCW10, Ixa16, JWCW17, KKP11, KP12b, KH12, KR15, LA13, LLXK16,
LCQF18, MAWK18, PBE14, Qia16, RWKS15, SFP11, SCLW16, SC16b,
TSM16, Ume18, WL11b, XZF12, ZFH14, ZG+16]. three-
[GSMK17].
three-body [BY13, LB13, EKO16, Ixa16]. Three-dimensional
[CW16, dAfdSVM12, LJSW11, MNPFl7, WWC+16, BC11, DS13c, DO14b,
FFT+14, GTPWL12, HCSW10, KKP11, KP12b, KH12, KR15, LLXK16,
LCQF18, Qia16, RWKS15, SFP11, SCLW16, XZF12]. three-level
[WLC16]. Three-nucleon [GBD10]. three-state [XZF12]. three-step
[Ume18]. Three-temperature [SC15, SC16b]. threshold
[BH17, BKMP16, Has11, HST+11, dSdO12]. throttling [DSHS17].
throughput [ECD+10, ZZ17a]. THz [WQ18]. Ti [Ell17b]. TIERRAS
[T10].
TIGER2 [BW15, MPB10]. tight
[HSF+19, HM17, RJKC16, SHNM11, YLYL17, LSK+14]. tight-binding
[HSF+19, HM17, RJKC16, YLYL17]. TIM [LHC+12, OTC14]. Time
[DAW+19, GTG+11, HKF+12, IBB18, LLQX19, LB10b, RJKC16, TD14,
TC11b, TT11, AAA+16, ADdM16a, ADdM17, ABR17, AH13, BS15a,
BR14, BD10, BMBC+17, BB12, BENK+17, CZ18a, CMSN18, CVK+17,
CC10a, CDL+12, CW16, Chr18, CHZ18, CO11, DS13a, DS10, DM17, DV11,
DSW+15a, DKS16, DHR14, DJ14, DM12, ECD+10, FDZ17, FGB12,
FNPMB10, Fri10, GS15, GMPCF+14, GML15, GBR+14, GM16, GVR19,
GBSY18, GHIF14, GWF+11, HE13, HWG13, Has11, HC16, HLLH16, HC17,
HKvH16, Hsu11b, HHC+10, HWM+15, Hua17, HM18, IW15, JL18, Jia18,
JHJG14, JM+17, KNC16, KYSV+15, KSY17, LLHC11, LF14, LS15b,
LLP15, LTP+17, LAS+17, LLB+16, LYSS+16, LR13, LR16, MWI+19, MC16,
MGRB11, MGL16, MC10, MBFD12, IC13, MC17, NPM16, NAQ16, ON12,
PSB11, PSBT12, PM16, PVK+18]. time
[PTMDPK14, PBS+17, QYM11, QA13a, QWZ18, Ram14, RVD16,
RDS18, SHT18, SSB+16, SLY18, SKFP16, SVV19, SSH+13, SG17,
SBH+12, SCB17b, SW12b, TGT11, TL11, TT14, TVT+16, TVGB15, UW12,
US16, VDB14, VBS+17, VB3+12, Vuk12, WL11b, YSV+16, YSMA+17,
ZD15, ZY15, dSF18, dHGCS11, CYN19, Wi19]. time-delays
[DS10, LTP+17]. Time-Dependent
[LB10b, GTG+11, IBB18, TC11b, TT11, BMBC+17, DS13a, DHR14, DM12,
FGB12, GS15, GBR+14, HM18, KY15, LV14, LBB+16, LYSS+16,
MC16, MGRB11, MGL16, MC17, NPM16, ON12, PM16, SSB+16, SSH+13,
SCB17b, TVGB15, UW12, VBS+17, VB3+12, WL11b, YSV+16, YSMA+17,
ZY15, dSF18]. Time-domain
time-efficient [RJKC16].
time-evolution [JMG+17].
time-evolving [US16].
time-harmonic [HLLH16, LLP15, TVT+16].
time-modulated [TTG11].
time-spectral [SLY18].
time-splitting [TD14, BB12, GML15].
time-step [LS15b].
time-stepping [DJ14, QWZW18, SHT18].
time-spectral [SLY18].
time-splitting [TD14, BB12, GML15].

[Hak16, Lee18, TRN16, ZLL18, ASS13, BBB17b, CLJ12, CZF18, DBMR18, ELDS14, Gai17, GZL14, HTT13, HTT14, IBB18, MR14, NBM15, NCHN15, NFI17, NGCI+12, STT11, SR12, XHLUF18]. transferable [HBP15]. transferred [CLW11]. transform [Jan10, KT10, LSqL13, Ras09, Ras17, Ser17, TO10a, WLG13, FCC15]. transformations [Che17, MWCY14]. transformed [PSL17, SSK+13]. transforms [HBP15].

transient [NB17, CAN11, CCXC15, CB15b, GTSL+13, MK10, QWZW18, RJLL16, WNP17].Transient-path [LA13]. transitions [BUJ15, CMR17, JJB11, KPA13, Ots11, QDZ+13, RAV11, VDF15].

translation [TSIM16]. translational [CATK11]. translation [KSH11, dHGC11]. transmission [GCVA14a, HTT13, HTT14, MD10a, PYW14, SVGS18, WHB16].

transmutation [CLF18]. transparency [WL11b]. Transport

[CP15b, VC10, ASPDL+16, BDPM15, BTLa17, CVK+17, CCXC15, CXG+19, CAGL13, DSP15, EY11, FUSH14, FVH18, FZ16, FLS13, FRFH10, FR15, FM15, GZL14, GLHG12, HBE10, HCC14, HF16, Ihn12, Jab19, JA17, KLKR11, KYKN15a, KYKN15b, KPK+17, KKS18, LLE+18, LCKM14, LRK13, MD11a, MCV18, Mar15, MS14, NPM16, NBL18, OBH10, PPy+11, PLF+17, PMS+17, PBF+16, PFFK19, PVK+14a, PVK+14b, PMVG16, RL16, RDC+18, RB18, SL16, SISW10, SK12, SD14, SCW+11, SSF+14, SC15, SC16b, Tic10, Tic14, WRFS15, XJS16, YSN+14, ZFR18].


[BKC+17, Fuh15, KKPC3, MCNR16, NMC15, dRL11, SM11, TC11b]. tree [ACD+14b, FSF11, KPvH13, WISA11, WSH+12, YZWR14].


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[APS+16, PFA+15, SKFP16]. **TRIQS/CTHYB** [SKFP16].
**TRIQS/DFTTools** [APS+16]. trivializing [ES11]. **TRolke** [LCRL10].
**Trotter** [WC13, WC15]. true [LSK+13]. true-direction [LSK+13]. truly
[Mis12, Mis13, RH17]. truncating [GWF+16]. truncating [BL14].
truncation [KN13], tubes [Sza16], tunable [TMA+15]. **Tuning** [BMDP19].
tunnel [CAGL13]. Tunneling [MAC12, Raw16, YSN+14]. turbid [LN16].
turboEELS [TVGB15]. turboTDDFT [GBR+14, MGRB11]. turbulence
[BY17, DCM+12, GAB+16, HO13, JHL+15, KTE+12, KQYH17, MMO+17,
SNB11, THDH14, TIMM13, Uty14, YBNY13, ZW15, ZFR18]. turbulent
[APC+14, BCM+16, CBY17, CBYG18, JU17, Kra18b, Les16, LWJ18,
ML16, PN15, Tau10, VK16, ZPS+18]. Turvezees [BGL+14, BMG+15, Ost10].
TweezPal [Ost10].
Tweezers [BGL+14, BMG+15, Ost10]. twisted [BBC+11, BMHP17, LS13].
Truncated [GWF+16]. truncating [BL14]. truncation [KN13].
tubes [Sza16]. tunable [TMA+15]. **Tuning** [BMDP19].
twisted [BBC+11, CCW10, KV10a, LWYW11, MKL17, PMMF15, RS12, SVV19,
THJ+10, VK14, dSdO12, AMRdA17, AG12b, AH13, AM17, BKS15, BH13,
BIT12, BK15, CAN11, CC16, CC10b, CC12, CDS+13b, CS10, CHZ18, Dan14,
Dan16, Dan17, DG10b, DS11b, DN13, Dev12, DT18, DKT14, Eba13, ERS10c,
ERS10a, ERS10b, Erm18, FS17, FGR14, FEH11, G12a, GB10, GH11,
GC10, GC16, GLW14, HEF12, HKK11, JEF14, JCW13, JH15, JPM12,
KS16a, KK14a, Kit0, KYKN15a, KYKN15b, KAvdL11, KTE+12, KO12,
KO13, LO18, LA13, LSDD14, Laz15, LW14a, LSK17, LST15, LXR+18,
LHH+12b, LIZ+18, LB10a, LY16, LR13, LR16, LS17b, ML17, MI18,
MSZW11, NS15, OAKS11, PZZL19, PP13, QLE16, RVA14, SYD17, Sie16,
SLR16, SQA+15, SW12b, SS10b, SDJ+12, SJW10, TZM17, TBZ12, TT14].
Two [VvAV+11b, VS19, WHG+19, XZ12, YCO15, YZZ11, YdDH+12, ZLM12,
mZXL15, ZHC16, ZFR18, dTOV18]. two-body
[FEH11, HEF12, LSDD14, VvAV+11b]. two-center [DT18]. two-color
[HK11]. two-component [Eba13, Erm18, TZM17]. two-dimension
[LX+18]. Two-dimensional [VK14, AH13, CAN11, CC10b, CC12, CHZ18,
Dan14, Dan16, Dan17, DG10b, DS11b, DN13, Dev12, DT18, DKT14, Eba13, ERS10c,
ERS10a, ERS10b, Erm18, FS17, FGR14, FEH11, G12a, GB10, GH11,
GC10, GC16, GLW14, HEF12, HKK11, JEF14, JCW13, JH15, JPM12,
KS16a, KK14a, Kit0, KYKN15a, KYKN15b, KAvdL11, KTE+12, KO12,
KO13, LSK17, LST15, LHH+12b, LR13, LR16, LS17b, ML17, MI18,
MSZW11, NS15, OAKS11, PZZL19, PP13, QLE16, RVA14, SYD17, Sie16,
SLR16, SQA+15, SW12b, SS10b, SDJ+12, SJW10, TZM17, TBZ12, TT14].
two [VvAV+11b, VS19, WHG+19, XZ12, YCO15, YZZ11, YdDH+12, ZLM12,
mZXL15, ZHC16, ZFR18, dTOV18]. two-body
[FEH11, HEF12, LSDD14, VvAV+11b]. two-center [DT18]. two-color
[HK11]. two-component [Eba13, Erm18, TZM17]. two-dimension
[LX+18]. Two-dimensional [VK14, AH13, CAN11, CC10b, CC12, CHZ18,
Dan14, Dan16, Dan17, DG10b, DS11b, DN13, Dev12, DT18, DKT14, Eba13, ERS10c,
ERS10a, ERS10b, Erm18, FS17, FGR14, FEH11, G12a, GB10, GH11,
GC10, GC16, GLW14, HEF12, HKK11, JEF14, JCW13, JH15, JPM12,
KS16a, KK14a, Kit0, KYKN15a, KYKN15b, KAvdL11, KTE+12, KO12,
KO13, LSK17, LST15, LHH+12b, LR13, LR16, LS17b, ML17, MI18,
MSZW11, NS15, OAKS11, PZZL19, PP13, QLE16, RVA14, SYD17, Sie16,
SLR16, SQA+15, SW12b, SS10b, SDJ+12, SJW10, TZM17, TBZ12, TT14].

\textbf{U} [CHW\textsuperscript{+15}]. \textbf{uasiparticle} [SKB10]. \textbf{UCL} [CYD11]. \textbf{udkm1Dsim} [SBH\textsuperscript{+14}]. \textbf{udocker} [GBC\textsuperscript{+18}]. \textbf{UFO} [DDF\textsuperscript{+12}, Sta13]. \textbf{ultra} [HEPW13, KNS\textsuperscript{+17}, QYM11, TIM\textsuperscript{+16}]. \textbf{ultra-high} [HEPW13]. \textbf{ultra-large-scale} [TIM\textsuperscript{+16}]. \textbf{ultra-peripheral} [KNS\textsuperscript{+17}]. \textbf{ultra-relativistic} [QYM11]. \textbf{ultracold} [BG11]. \textbf{ultracold} [HEPW13]. \textbf{ultra-high} [HEPW13]. \textbf{ultra-large-scale} [TIM\textsuperscript{+16}]. \textbf{ultra-peripheral} [KNS\textsuperscript{+17}]. \textbf{ultra-relativistic} [QYM11]. \textbf{ultracold} [BG11]. \textbf{ultracold} [HEPW13]. \textbf{ultra-high} [HEPW13]. \textbf{ultra-large-scale} [TIM\textsuperscript{+16}]. \textbf{ultra-peripheral} [KNS\textsuperscript{+17}]. \textbf{ultra-relativistic} [QYM11]. \textbf{ultracold} [BG11]. \textbf{ultracold} [HEPW13]. \textbf{ultra-high} [HEPW13]. \textbf{ultra-large-scale} [TIM\textsuperscript{+16}].

\textbf{ultra-short} [GC11]. \textbf{ultrasound} [RLMGM\textsuperscript{+11}]. \textbf{umbrella} [IIO16, IFOI18]. \textbf{UmUTracker} [ZSW\textsuperscript{+17a}]. \textbf{unbounded} [Exl17]. \textbf{uncertain} [ASS18, MCL\textsuperscript{+17}]. \textbf{Uncertainty} [CNS\textsuperscript{+14}, CC16, HHM\textsuperscript{+15}, KKK\textsuperscript{+15}, LCRL10, LLX14a]. \textbf{Unconditionally} [Ram14]. \textbf{under-ice} [TS10]. \textbf{underwater} [TS10]. \textbf{undirected} [FLP10]. \textbf{UNEDF} [BBC\textsuperscript{+13b}]. \textbf{Unfolding} [ZS15, ZZ17b]. \textbf{unification} [ABdA15]. \textbf{Unified} [DE13, Ram12, Wei99, CSC11, CSJ\textsuperscript{+17}, KeH12, MRVF13, RHW\textsuperscript{+12}, Sch14a, SK12, YK18, zYCG\textsuperscript{+18}]. \textbf{uniform} [BDP16, CDMCN11, GBN17, KS15, LA13, LFG14, Ser10, Ser17, Wit14, YQM12, YQM14]. \textbf{uniformly} [Gwi12, SKK11]. \textbf{Unique} [WLG\textsuperscript{+13}]. \textbf{UNIST} [LLE\textsuperscript{+18}]. \textbf{unit} [Laz15, MEM\textsuperscript{+11}, RC18, Tic10, MSML10, YLO13]. \textbf{Units} [Boe18, APRG11, BK11a, BHS18, BJCW13, CDS13a, Col14, DBDP12, DS11a, DF13, FSH13, FUSH14, FCVH17, FVH18, Fil14, FZY13, HAN\textsuperscript{+16}, LAS\textsuperscript{+17}, MED11, NPAG11, PLD\textsuperscript{+13}, SH12b, TD11, WDL11, WWFT11, Dem11]. \textbf{Universal} [CCWL11, DNP\textsuperscript{+12}, BDDM18, DGPW11, EGPS10, GGI\textsuperscript{+13}, SJ11, DDF\textsuperscript{+12}]. \textbf{Universality} [Fri10, PM13]. \textbf{unknown} [PR13]. \textbf{unknowns} [YBK\textsuperscript{+11}]. \textbf{unparticles} [ABB\textsuperscript{+10}]. \textbf{unsaturated} [GTSL\textsuperscript{+13}]. \textbf{Unsteady} [FJK\textsuperscript{+17}, SL14, TY10, Tia11, TCP13, TPC16, Uty14]. \textbf{unstructured} [ASGLK10, AK15, GLHG12, HWCdM19, LYP14, LWRQ16, MTO15, OCM\textsuperscript{+19}, PZZL19, SP18b, SC15, ZS13]. \textbf{unstructured-grids} [SC15]. \textbf{unweighted} [Gag12b, Gag12a, GH18, WW12]. \textbf{Update} [ABB\textsuperscript{+14}, CYD11, K10, AMJ18, BCMS10, CK19, GSKMK17, HJGL18, NM14, TJJD11, Tab16, Tom16]. \textbf{Updated} [GAC\textsuperscript{+17}, KKK\textsuperscript{+15}, Cip11, LCE\textsuperscript{+13}, LW16, MBGK11, MYP\textsuperscript{+14}, MG10b, PVK\textsuperscript{+14b}, SYZ\textsuperscript{+12}, SYZ\textsuperscript{+13}]. \textbf{updates} [LS15a]. \textbf{upgraded} [AMR\textsuperscript{+18}, CWW10, CWW15, OKP10, Sha16, ZYL\textsuperscript{+15}]. \textbf{upper} [CPCDdM18]. \textbf{Uquantchem} [Sou14]. \textbf{use} [ERPDFLS15, KAR\textsuperscript{+15}, Kom15a, LCJ10, MNV13, Sou14, ZDWM17]. \textbf{Useful} [Bar11b, HWCdM19]. \textbf{user} [AKK\textsuperscript{+18}, BBG\textsuperscript{+13}, CFS13, GLR17, GBC\textsuperscript{+18}, RFPMP\textsuperscript{+17}]. \textbf{user-friendly} [CFS13, RFPMP\textsuperscript{+17}]. \textbf{uses} [CEPI10]. \textbf{Using} [BS14a, CSRV13, RMC16, AM14b, APRG11, ACD\textsuperscript{+14a}, AGMS15, ALC18, ASC10, AH13, APC\textsuperscript{+14}, AAJA14, BMC\textsuperscript{+11a}, BSM13, BdVGS11, BH14b,
BL18a, BD10, BKM11, BCM$^+$16, BTC$^+$17, BVSG19, BY17, BSW12, BMDP19, CKLM10, CCLL18, CL15a, Cap13, CHNS18, CB13b, CAN11, CC16, CMSV14, CDS$^+$13b, CKK$^+$13, Cip11, CBYG18, CH11b, CBB14, CB16b, CL13, CLB11, CRNK12, CMS17, DM17, Dem13, DRUE12, DKOS14, DM12, EDPZ19, Ein16b, EKDDG15, FJK$^+$17, FDWC12, FNPMB10, FWS$^+$17, FZY13, GBP13, GSMK17, GA10, GSB$^+$14, GMH11, GYW$^+$10, GM18, GRTZ10, HTJ$^+$16, HCC14, HAN$^+$16, HHC16, HK11, Ihn12, JK13, JU17, JSLM16, KK16a, KH11, KTB17, KK14a, KD17, KKP11, KN13, Koh15, KS12, KKS18, KST$^+$14b, KHK14, KCS$^+$15, LLHC11, LD10b, LA13, LBM$^+$14, LOK$^+$16, LWZ14, LHY$^+$17, LXR$^+$18, LHH$^+$12b, LS12b, LTP$^+$17. 

using [LAS$^+$17, LNSD15, LHGF18, LWP$^+$17, MED11, MGRB11, MHV17, MP11, MRVF13, Maz19, MC12, MVI$^+$16, Mis12, MM10, MSML10, MLK$^+$17, MLK$^+$19, MGR16, MSS$^+$14, NGM$^+$10, OBH10, OKM12, OYK$^+$14, PSBT12, PPV$^+$11, PDRG10, PVK$^+$17, PSL$^+$18, PSL$^+$17, PR10, PR12, PCEH15, PMVG16, PA13, RDP14, RMS$^+$12, RLMGM$^+$11, SCB$^+$17a, SAW18, SEW12, SEW14, SÖÖN11, SW14c, SWL$^+$15, SPMM11, SD10b, SA15b, SLR$^+$11, SSF$^+$14, Sie16, SC15, SN16, SPS10, SKH$^+$10, SHL$^+$11, SBH$^+$12, SS10a, SSK$^+$13, TOB$^+$14, TVGB15, TW15, TCP13, UBRT10, VSO$^+$13, VaAV$^+$11a, VJC12, WISA11, WW15, WLG$^+$13, WAHL13, WMRR17, WRMR19, WFV14, WAW14, XHLUF$^+$18, XLY$^+$15, YZ16, YK10, Yi11, YBK$^+$11, YBNY13, YE14a, YB13, YXT$^+$15, YG12, ZBG$^+$16, ZDV10, ZKG$^+$18, ZMvE$^+$13, dJBIM16].

USPEX [LOSZ13]. utilitarian [CB15a, CB17]. utilization [sLqSs13, SMCB$^+$15]. UV [Deg15, Fen12b, dDYK$^+$18].

V [Ma$^+$19, DGPW11, LS11, RF10]. v.2 [JPSS10]. v.07 [Hua17]. v.03 [GJ$^+$13]. v.04 [GES13]. v.05 [GFJ$^+$14]. v.05-Implementation [GFJ$^+$14]. v.1.0 [HMI12a, Manu16]. v.1.0.0 [BJ14]. v.1.01 [BS13b]. v.1.02 [CDTV10]. v.1.1 [AKK$^+$18]. v.1.3 [LW16]. v.2 [CRC$^+$13]. v.2.0 [Nat10, HAV$^+$14, Nat09]. v.2.00d [SSK$^+$13]. v.2.49t [SDM$^+$12]. v.2.5 [Ros15]. v.3.0 [AM11]. v.3.00 [PSL$^+$17].

Variational
[VvAV+11a, ZX10, HM18, MMY+19, Min11, VvAV+11b, ZOZ13]. variations
[McM17, PR12, VV16]. varied [YLYL17]. variant [CMSV14]. various
[AC16]. vascular [GVR19]. VASP [DA16, HW12, MDGC+12]. vdW
[LAA+10]. vector [BW11, DDKM15, FBHB17, GJ18a, GNT17, KYKN15a,
KYKN15b, KL17, LK12, LHZJ10, ME18, PDL+18, QM10, SAHP15, SBQ14].
vector-boson [DDKM15]. vector-valued [KL17, LK12]. vectorisation
[TH17]. vectorization [SAN18]. Vectorized [RMW13, TGH+16]. vectors
[ERPDFS15, FFG10, YE14a]. Vekilov [Maž19]. velocimetry
[AGMS15, iSSM11]. velocities [JC16, MSHLS15, MSHL17]. Velocity
[PVK+18, CDBM16, HST+11, JBG+17, JH11, Sza13b, Sza13a, Sza16, YW17,
YTAYA17]. velocity-dependent [HST+11]. Velocity-gauge
[PVK+18, YW17]. VENUS [LSK+14, PGMM14]. VENUS/NWChem
[LSK+14]. ver [RSBB14]. Verification [LLE+18, DGS+19, YG12]. Verlet
[LYY10]. versatile [Soul14, ZSW+17a, ZPS+18]. Version
[AFZ17, CB17, FLZ+18, HS18, ZZD+16, AC13, AFZ18, AC18, BPC13,
BB13a, BH16, BLG14, Bon15, Bon16, BHW+12, BBH+15, CWW10,
CWW15, Cip11, FAL+16, Gin10, GRR+14, GPR+10, GBJ+13, GCVA14a,
HAV+14, HD17, JCL10, Jia18, JGB+13, Kol14, KDM11, KUVV13, LCJ10,
LZ11b, LRR+15, MFS10b, MAM14, MYP+14, MG10b, Nat09, Nat10, NS11a,
OKP10, Org15, dRL11, dRPL11, PSL+17, PR12, Pit12, PVK+14b,
RDS18, RBH15a, RBH15b, SMOB19, SSG+18, SRS+18, SDM+12,
SDS+17, St16, SSK+13, TV10, WMK11, WW13, WRMR19, XW15, ZXL16,
ZMPT13, FP14, Sem16, ZE16]. versions [Cip13, KR13, dSdO12]. versus
[FBN+13, RD10]. vertex [Eks11, Sus17b]. vertexing [Dim14]. vertical
[TKL+12]. Virtual [BC10, MNOO11, GMCS18, LOV10, MN16].
[ACs13, BG14, ADm14, BK11a, Boc14, BHW+12, BMG+15, CS17,
DG10b, DS10, DN13, GB11, GH15, GTG+11, JTT11, LBPH11, LN16,
LWJ18, Maz13, Per14, SGD16, SDL+16, TO10a, UA17, XLL15, YJK11,
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