A Complete Bibliography of Publications in
Computer Physics Communications: 2010–2019

Nelson H. F. Beebe
University of Utah
Department of Mathematics, 110 LCB
155 S 1400 E RM 233
Salt Lake City, UT 84112-0090
USA
Tel: +1 801 581 5254
FAX: +1 801 581 4148
E-mail: beebe@math.utah.edu, beebe@acm.org, beebe@computer.org (Internet)
WWW URL: http://www.math.utah.edu/~beebe/

29 July 2017
Version 1.65

Title word cross-reference

(2 + 1)$D$ [HP14]. (MC)$^3$ [KSW15]. 1
[CC14, Gio14a, HTT13, HTT14, MGL13, PM16, RKVL14, SBH$^+$14, WNYP17]. 1 + 1 [SÖÖN11]. 1/2 [HvWT17]. 2
[APC$^+$14, BBB17b, BVP10, EW14, FJK$^+$17, FK12, GCVA14b, Gwi12, Isa10, KO14b, KO16, RAV11, SW14a, SW14b, SA15b, SKK11, SW11, TMA$^+$15, TY10, TKL$^+$12, TPC16, VLM11, WMRR17, YTYA17, ZSW$^+$17a]. 3
[AV13, AGMS15, BAR12b, CP15a, DGG13, FRFH10, GS15, Gai17, GMF$^+$17, GG16, GX15, HKJ$^+$12, HDM$^+$12, JEC$^+$12, JKIS16, KAK12, KL11, KO14b, KO16, KMJS16, LHJZ10, LHC$^+$13, LX14, LKW11, LBP15, MGO13, MCP$^+$11, NHD16, PR10, PCGM14, QSC14, Qia17, RF15, RS12, RJLL16, RHBH15a, RBH15b, TGH$^+$16, TIM$^+$16, WNYP17, ZXL16, ZZD$^+$16, ZSW$^+$17a]. 3 + 1
[KHB14]. 4 [GGF$^+$13, dSLF13]. 5 [GAB$^+$16]. 71 [JTH14]. − [KH11]. 1
[LM16]. 1257 [RMS$^+$12]. 2
[BG13b, BG14a, BLG14, Bon15, Bon16, GBD10, HFSK12, RPB$^+$15]. 3


4. 0 [KUVV13, OO15b]. 4.1 [KRW13]. 4OEC [SK15].

5. CFS13.

6. 0 [Nik12b]. 6.4 [KRW13]. 6.5 [KRW13]. 64-bit [TC11a]. 70th [Pat12].

8.2 [SAC +15].

9. 0 [SMO16a]. 90 [GST12, KS12, SSG +10, SS10a]. 95 [vH10].

= [LQZ +13].

SKM15, WSH+14, XLX13, ARYT17, ELDS14, GHR+16, TL17, WXW13].
Accelerating
[BK11a, Col14, FZY13, HV15, JK10, LHL16, RPL+14, TK14a, WXW13].
CM10a, CC14, CC15, CDS+13b, CGRB14, CBGY17, CBAM12, DKSG16, DE13, DG10c, DG16, EZL+16, Eme11, ES11, FLA+16, FSJ+16, FRG12, FZ16, FKH15, GCF+17, GJLB12, GST12, GV15, GZW17, GTL11, GD14, GES13, GLX+14, GX15, Gwi12, HGCARM15, HWT10, HK15, HCH16, HP11, HZW+16, Jab12, Jab13, JWJL12, JW1C13, JvOK17, J15, JPK+12, KP12a, KBB+17, KO12, KO13, KO14b, Kom15a, Kom15b, Kom15c, KO16, KVV11, KSW15, LKL11, LK12, LKA+16, LM12, LHH+12a, Liu14, LZ11a, LZ11b, LY13, LYT16, Lya15, LOZ13, MM17, MGO13, MPM14, MH11, MGS13, MEM+11, MC10, MTO15, NBN+14, Nem16, OL12, OOK+12, PH13, PSB11, PDRG10, PP13, PY14, PR10, PG17, QwWL+15, Ray10, RU13.


Algorithmic [HB12, GHR+16]. Algorithms [Fri14a, KD17, Pan15, TK14a, BS14a, BK11b, CLH17, CR12, CF17, CLB11, DS11a, DS14, Dim14, DS13c, FDWC12, Fri10, GBR+14, GWF+16, GCHL15, GSC+16, Has11, HLLH16, HRC11, HVMR10, HCSW10, JPH+14, KK17, KME+11, LBM+14, LYJY10, MEG12, MD11b, MA11, PBS+17, STK10, SMJ17, TRM+12, VPP+12, Vuk12, WG11, ZHC16].

Alias [SKSK13].

aligned [HO13, HWS16, LDR+17]. alignment [BKM11].

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

call-optical [PM14]. all-to-all [EPS15]. Allen [LK12, ZHF14].

amorphous [HYM11, MHV17]. amount [DO14a]. Amp [KP16].

amphiphilic [FFIH11, SSF+17]. amplified [EZBA16, ZLM12]. Amplitude [Raw15, MPSV15, Raw16]. amplitudes [BBU12, BV15, Kvd11, Per14, dALM+12, ADH+17].

Amp [KP16]. analog [CO11, Fer15]. analyser [LW11, LW13]. analyses [Ham11, KSTR15, SUS+17a, WLM14]. analysing [BPMS16]. Analysis [BBB+15, Car10a, CAN11, GES13, IB11, SLLP17, WHB16, vDSM16, AAA+16, ASE14, AS11b, AM15, Ano11a, AdMD+12b, ACdMD14, APC+14, BHN+16, BKN+17, BH+10, BB+15, CSc11, Car10b, CMRVR+14, CF16, Czl+11, DRR16, EEBB+14, EBD17, EW14b, EW16, Faw10, FF11, FNPMB10, FBN+13, Fri17, GMRHRCE13, GMPFC+14, Gio14b, GA13, GBJ+10, GB+12, GBJ+13, GFJ+14, GAO13b, Hak16, HC16,
HCC14, Ixa16, Jiw12, JHL^+15, JSLM16, KK16a, KY14, Kan14, KLKR11, 
KP16, KV10a, KSYY13, Lan13, LHJ^+15, MGRB11, MLR10, MBS^+10, MC10, 
MCP10, MCNRC16, NS10, ÔN14, ONS^+15, ORCR17, OK14, PC11, PLD15, 
QJF16, RS12, RM10a, RHC15, RJL16, RCH16, Sch14a, SKK11, SCM^+16, 
SMC^+17, SSB516, TVGB15, TGH^+16, TUY15, VBMP15, WG16a, Wei99, 
WFV14, WAW14, YLK10, YG12, ZLLP17, ZLL13, Ziô14]. approaches 
[AMR15, BDP16, CM10b, DS10, VEM12]. Approaching [mZfXL15]. 
approximants [IH11]. Approximate 
[CB13b, Hei12, JL10, CGM17, JC13, KMM13, LLL12, LLL13, MSR^+17]. 
approximated [VDF15]. approximating [FM12]. Approximation 
[SMJ17, AQS10, BKOZ16, BK12, Cou13a, Cou13b, Evs14, Kau13, KK14b, 
LY16, PDRG10, Ram10, RVDS16, WSTP15, WC15, Wit14, DVB11, YLO13, 
SKB10]. approximation-based [LY16]. approximations [LO14, TK14b]. 
AQUAgpusph [CP15a]. aqueous [Beu11]. arbitrarily [KMJS16, OL12]. 
Arbitrary [Asc10, Tic14, Ara14a, Ara14b, BBH^+10, BCH13, CCD^+16, 
CC10a, ECF16, FRW17, GM16, HSD17, MR14, MSR^+17, NO14, 
NMR15, SH12a, SW14a, SS11a, VV16, vH10]. arbitrary-order [vH10]. 
arbitrary-rank [Ara14a, Ara14b]. arbitrary-shaped [HSD17, MSR^+17]. 
arc [JTN^+11]. Architecture 
[PMS^+15, SCC^+12, BW15, CRA10, Dan12, GBK12, MR14, NBW16]. 
arbitrarily [KSH14]. architectures [DS14, HML16, HAV^+14, HWT10, NBN^+14, PH13, TRM^+12, 
TGH^+16, VLPPM14, WFV14]. Arduino [KSH14]. area 
[BHW^+12, EVB14, QLN14, YLK10]. argon [JTN^+11]. argon-water 
[JTN^+11]. argument [CS17]. arguments [Cai11, Maî12]. ARIADNE 
[KRW13]. arising [CB13b, DBB12, KMM13, KR14, PDRG10]. ARKN 
[LW14b, SW12a, SW13b]. Armchair [SPY11, GZL14]. Arnoldi 
[BW12b, GBP13]. array [ECD^+10, BSB^+11, Vuk12]. art [Pat12, MAdF14]. 
articulated [PA13]. artificial [LW14, RH17, TAMA^+15, vRWS14]. artistic 
[GES13]. ARVO [BHW^+12]. ARVOC-CL [BHW^+12]. As/GaAs [TAMA^+15]. 
ASCOT [HAK^+14]. ASG [FBC^+12]. ASP [JC13]. aspects 
[EVB14, Ein16a]. asphaltene [WXW14]. Assembly [DEW16]. assembled 
[KK14b]. assemblies [YHC11]. Assessment [HVMR10, Car16, NHS14]. 
assemblage [BALV16, FBH17]. assisted [BRB12, GTR^+17, W113]. 
associated [LSJ13]. Astrodynamic [LSJ13]. Astrophi [KCS^+15]. 
astrophysical [GSKM14, KCS^+15]. astrophysics [Asc10, CB13b, JFC12, KMM13, PDRG10]. Asymmetric 
[LTL^+12, CFSK14, MNV13]. asymmetry [SF11]. Asymptotic 
[BD12, CCHL11, CM14a, DOP17, CEF16, PSBT12, NO14]. Asynchronous 
[GXF^+15, FFT^+14, UBRT10]. ATAT [CSPAD10]. ATI [Dem11]. ATLAS 
[dAFdSVM12, MSS^+16]. atmospheres [HTT13, HTT14]. atmospheric 
[BCMS10, BB12, CHH^+11, LHH^+12a, MFH^+13, VW15]. atmospheric-pressure 
[CHH^+11, LHH^+12a]. Atomic
BiCGSTAB [NIK+12a]. bidirectional [FSF11]. biharmonic [SK15].
bilayer [FPY+17]. bilayers [MSRL10]. bilinear [MWCY14, Ram10].
BiKris tal [OG14, OO15b]. Bil2d [SLR16]. billiard [TTS11]. billion
[CM10b, JuIAM16, LM12, WLU11]. BiNCa [BKA+14]. binding
[BBH11b, PDC14, RJKC16, SHNM11]. Binhoth [ABB+14]. bio [BG13a].
bio-molecular [BG13a]. BioEM [CRB+17]. bioheat [BBB17b]. biological
[BHVMH15, CRNK12, NBM+15, Yan11]. biology [DS10]. biomass
[XAPK14]. Biomolecular
[VPM16, YBK+11, CBB14, LCHM10, LCHM13, SCC+12, TVZ+15].
biophysical [JJ15]. biopolymers
[PA13]. BIOTC [XAPK14]. bird
[TTB+14]. birthday [Pat12]. bit [MP11, TC11a]. black [Gin10].
block [SKH+10]. Bloch [CCW10, Dem13, SDL+16]. Block
[DB13, FRFH10, JBG+16, JBG+17, SPS10, DKOS14, LW14a, NIK+12a,
Nem16, STK10, TKS10, US16, WT15]. Block-pulse [SPS10].
Block-structured [FRFH10, JBG+16, JBG+17]. block-tridiagonal
[LW14a]. blocking [TSIM16]. blood
[BTL+17, CRA10, MCM10, MBS+10]. Blue [CRA10, BW15]. Blume
[FLP10]. BN2D [SBPN15]. BNL [GFJ+14].
Boat [Ano10b, Ano10c, Ano10d, Ano10e, Ano10f, Ano10g, Ano10h,
Ano10i, Ano10j, Ano10k, Ano10l, Ano10m, Ano11c, Ano11d, Ano11e,
Ano11f, Ano11g, Ano11h, Ano11i, Ano11j, Ano11k, Ano11l, Ano11m,
Ano11n, Ano12b, Ano12c, Ano12d, Ano12e, Ano12f, Ano12g, Ano12h,
Ano12i, Ano12j, Ano12k, Ano12l, Ano12m, Ano13b, Ano13c, 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,
Ano15n, Ano15o, Ano15p, Ano15q, Ano15r, Ano15s, Ano15t, Ano15u,
Ano16b, Ano16c, Ano16d, Ano16e, Ano16f, Ano16g, Ano16h, Ano16i,
Ano16j, Ano16k, Ano16l, Ano17a, Ano17b, Ano17c, Ano17d, Ano17e,
Ano17f, Ano17g, Ano17h, Ano17i, Ano17j]. bodies [MNV13]. Body
[GBJ+13, GBJ+15, BBC+13b, BY13, BRH+16, CDS13a, CJS10, EKO16,
FCVH17, FEH11, GBJ+10, GBJ+12, GFB14, HEF12, HLZ+13, Ixa16,
JOK13, JGD12, KPA13, KPS15, LSD14, LB13, MTTM13, MBFD12,
MPAG11, PMMW15, PKRS16, PIH11, RC11, VvAV+11b, WSH+12,
XML16, ZC12]. Bogoliubov Mr [SSK+13]. Bogolyubov [SDM+12, SDS+17]. BOINC
[GHdF10]. Boltzmann [As10, BBB+17a, BHNS17, BO12, CAN11, CB16b,
FGG11, FKH15, GTS1+13, GJ13, HLS+17, HCSW10, JK14, JEFF14,
LCKM14, LCHM10, LCHM13, MOD13, MR14, Maz13, Sch14a, SSF+17,
SD14, SD10a, TD17, WLU11, ZCG17, vdS10, vdS13, vdSM16].
Boltzmann-cellular [JEF14]. Boltzmann/finite [CRA10]. BoltzWann
[PVK+14a, PKV+14b]. bond [CM15, MH11, THDS16, WDR16, XZF12].
bond-order [THDS16]. bond-orientational [WDR16]. bonded
[BL14, Faw10, GTPWL12]. bonding [Sva12]. Boost [Ein16b]. Boosting
d[JBB16]. boron [HW12, Yan11]. Borwein [BJCW13, BCJW13]. Bose
[CCW10, GM14, Hoh14a, JWC13, JWL13, LCC11, MT13, TZM17, US16,
VBMS17, WX11, WX14]. boson
[BGM+14, Brá15, Cas12, DDKM15, OK12, QwWL+15]. **bosonic** [ZBG+16].


**boundaries**

[ADdM+12b, DV11, FJK+17, HSD17, KSH11, KS16a, NVW+13]. **Boundary**

[Ks16a, KPPC13, WLU11, YZ16, BMHP17, CCHL11, CS10, CBB14, DG10a, DS13c, DGG13, FBHB17, GJ13, GN14, Han11, HSD17, Hon10, Jiwi15b, LX12, LWZ14, LS13, MRVF13, Mil16, NPM16, PN15, PS11, PLCC12, Qia17, Ras09, Ras17, RC13, RC16, RHH12, RTA10, SN16, SK14, Uty14, Wan16, ZWLZ17, ZLL13, vds13]. **boundary-layer** [Ras09, Ras17]. **bounded** [MRVF13]. **boundedness** [MD11a]. **bounding** [WP11]. **Bounds** [TK14b, BBH+10, BBH+11a]. **Boussinesq** [MA11, SD10b, TL17, YZ16]. **Boussinesq-type** [TL17]. **box** [GES13, JLW13, SOPS12, WP11, YdDH+12].

**box-counting** [GES13]. **brackets** [GKM10, GSMK17, MGK13, SMGK14, XMLC16]. **braided** [OVSI15]. **braiding** [FSF11]. **Bratu** [Jal10, KK16a]. **Breakdown** [BD16]. **Bremsstrahlung** [Eme11]. **Brenner** [FMRP16]. **bridges** [BALV16]. **Bringing** [RK11, RV10]. **Brief** [Bre10]. **Brillouin** [Kap12a]. **brings** [CSL+13]. **Burgers’** [BK16a, Jiw12, Jiw15a, KP14].

C [ADH+17, Ano11o, Ara14a, Ara14b, Asl14, BV13, CECGS16, DPW16, Eii16b, GC10, GC13, GC16, KvdO11, KPV16, KLV15, KYSV+15, LCJ10, LSDD14, LYSS+16, MD11b, MAdF14, Sai13, SV14, SS12, SWS+12, Smi15, Stu10, TS11, Ver16, VVB+12, Vuk12, YSVM+16, HFSK12]. C# [GBJ+10, GBJ+12, GBJ+13]. **C-code** [GC10, GC13, GC16]. **C-library** [MD11b, MAdF14]. **Ca** [CJH11]. **Cable** [OVSI15]. **cache** [SSF+14]. **caching** [WMRR17]. **Cadabra** [Bre10]. **CADNA** [JCL10, LCJ10]. **CADNA_C** [LCJ10]. **Cahn** [LK12, LLXK16, ZH14]. **CalcHEP** [BCP13, Sta10]. **CalcHeP/CompHeP** [Sta10]. **calculate** [BBU11, CATK11, Fen12b, KST+14b, MPS13, Sar17b, SHZ13, ZKW+15]. **calculated** [HS16, LS12b, RJ12, YFAT17]. **Calculating** [ABB+16, ECH16, Fon12, LKM+16, AM10, AM11, Arb12, BBL+13, BBPS14, Brá15, CLJ12, EZBA16, FS17, FEHH11, GPS+13, HEF12, Jab12, Jab13, LZL11, LCHM10, LCHM13, MH11, NGM+10, PH13, PCHR17, SEW12, SEW14, STY15, SCl16a, SW12b, VDJ+11, WCL14, YLTS16, ZMCT12]. **Calculation** [GKM10, Kir10, Pla16, Sar17a, WW15, WB11, AHK+12, AG14, AAT17, Aza13, BGM+14, BPC12, CMVRR+14, CMVRVR+14, CHDCJA17, CYD11, CFSK14, Cip11, Cip13, CM14b, DBDP12, DSS+12].
Calculations

[Lit13, PDC14, YZY10, APS+16, AC15, BK13b, BDPM15, BH17, BBH11b, BS13b, Bor14, DHS14, DA16, Do14b, DML+15a, FSH13, FUSH14, FCC15, Fri12, FZY13, GA15, GGG16, GVS+15, HWW12, HHS+10, HW12, JPCG15, JWCW17, JOK13, KT12, KCT15, KSL+11, KST15, KHS10, LA13, LZP12, LSR+17, LS17a, MED11, MAM14, NGG+13, NSXZ14, Nis11, OBH10, OT11, PB13, POK15, PSL+16, Roh16, RC11, SW14a, SZ15, SCR17, SPMM11, SLR+11, SFX+14, SST11, Smi14, Smi16, SQL+10, TC12, VSG17, VCMS+13, WL11a, WR16, Wil15, XJS16, Zit11, VPM16].

calculator [ERS10c, ERS10a, ERS10b, HTY17, ZZZ+16].
calculus [GLMG12, KD17, SBQ14].
calibration [BMG+15, Ost10, ZUT13].
callbacks [BV13].
calorimeter [dAFdSVM12, GRZ10, BPMM14].
CALPHAD [TKP15].
cALYPSO [WLZ12].
Camassa [ZST11].
camera [MGA+13].
Camorra [KvdO11].
can [Pra11, CB14, KSL+11].
cancer [SCW+11].
cancer-related [SCW+11].
candidates [BBPS15].
Canonical [AS16, PA13, GA15, Pra17, PLCC12, RMC16].
canonical-ensemble [GA15].
capabilities [OTC14].
capacitance [CLC14].
capacities [ZMCT12].
capacitively [SBL16].
capel [FLP10].
capillaries [vdS13].
capped [RM14].
capture [SR12].
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, ASFL12, AK15, ABB+14, ASPDL+16, AIG16, No10o, AK13a, AK13b, BV16, Bar11a, Bar12a, BDP16, BVP10, BG11, BM14, BG13b, BLG14, Bon15, Bon16, BENK+17, CL11, CL15b, CKS10, CNS+14, CI11, DHS17, DGPW11, DPK+15, Dem11, DDLM15, DKT14, EBDM17, ES11, FGGM11, FW11, FDWC12, GA15, Gin10, GSB+14, GWF+11, GB17, H3KN17, HBE10, HMR14, HP11, HWM+15, IUM13, JPSS10, JLA+14, KOT12, KEH12, Kan14, KRW13, KC14, KKK+17, KNS+17, KSW15, KVPvH13, LS14, LS15a, LS15b, LWL11, Lu15, MP11, MBRV+13, MRZ10, MEM+11, MW14, MHR+13, NPAD11, NH16, NSXZ14, NM14, OPO+11, OPSR13, OPR14, PM14, R16, RMS+12, RV10, RV11, SI11, SGNL17, SFP11, SL16, SM17, SD14, SKFP16, SLZ16, SSF+14, SKM15, SKSK13, TZ12, TVZ+15].
carlo [Tic10, Tic14, TKP12, TU14, Tröl11, TDL+14, UA17, VK14, WFRS15, WDL11, WSTP15, WvSL13, WT12, WWVB11, WZ1N17, ZBG+16, ZLM12, ZTG13, ZDD+13, dHGC11].
carlo-based [EBDM17, MW14].
carlo [Kol14].
carlo-3.0 [Kol15].
 carriers [MSRL10].
 Cartesian [FZY17, MAM14, NKS15, SDM+12, SDS+17, SHL+11].
MTM13, MAM14, MSHLS15, MSHL17, MO14, Nik12b, NMS14, dIRAPL11, 
RF16, ReViH12, RtV16, Rei10, RWKS15, RHBH15a, RHBH15b, SSS+11, 
SKB10, SGNL17, SL16, SEW12, SEW14, SM14, SHZ13, SQS+16, SD10a, 
SS11a, SC16a, SC15, SC16b, SHL+11, SCB17, SF10, SMGK14, Tau10, 
TVGB15, TRN16, TKL+12, VKP14, VSG17, VPM12, WN10, WR16, 
WSH+12, XAPK14, Zag14, ZD15, ZXL16, ZZD+16, ZMPT13, vWB10, 
MZE13, GBJ+10, GBJ+12, OKP10. Code_Saturne [Sha13a]. 
BPP11, BFPP12, CYD11, FMRP16, HTJ+16, KLV15, Kro16, LW14a, 
LTP16, MHA+12, MNPY14, OLG+16, PMMF15, SISW10, VLL+17, VKS16, 
VGM+15, WRF815, XNK+16, YB13, YXD+15. coding 
BBB+17a, CFCB12, FFT+14. coefficient 
BBB17b, PR13, PYW+14. coefficients 
ARYT17, CATK11, DT10, Dev12, HR11, Ixa12, LZZL10, 
LKT+16, Moh14, ORCR17, PKT15, Shi16, VCD16, Wei99, Wit14, YÇÖ15. 
CoFlame [EZL+16]. colow [EZL+16]. coherence [SSM+17]. coherent 
[BP12, CCXC15]. coincidence [WT12]. COKOSNUT [SCB17]. 
collaborative [Liu14]. collapse [BNAB11]. collective [GLR17, WR16]. 
Collider [CKhN11, EFG+10, BCP13, CFS13, YWW13, BS12]. colliders 
[BCD+14, BHZ13, CM14b, DDKM15, Gao13a, GLS+13]. colliding 
[Lit13]. Collier [DDH17]. collision 
[BTM+17, BO12, CYD11, HDZ14, NNWS15, RF16, SD10a, WSH+14]. 
collisional [HJ14]. Collisions [BH14a, BH14b, CUL+17, CKS10, Col14, 
DCC+10, Gin10, GFI+14, GB1+15, JH11, KKK+15, KHB14, KHK+11, 
KN5+17, MEM+11, Nis11, OK12, SZY+12, SQS+16, SKK17, Tom16, VC10]. 
Collocation [LD10a, LX12, LCCC11, MM10, PDRG10, ZWLZ17, ZST11]. 
colloidal [BHND16, HAN+16, HCSW10, MDPTK15, Van15]. COLOMA 
[Car16]. colony [vRWS14]. color [HKK11]. Columbus [Pit12]. 
combinations [KCT15]. Combinatorial [BR14, DS13c]. Combined 
[BBB+15, BKS15, SCM14]. Combining 
[Laz15, SC16b, SKK17, GWF+16, KPST15]. Comm [Ber16a, KYKN15a, 
LR16, Ras17, RC16, RHBH15a, SGM11a, Sco13, SIMGCP14, YQM14]. 
comment [Ram10]. Comments [San15, MR13]. common [Bar11b, Laz15]. 
Commun [ERS10c, Nat10, ZTG14]. communication 
[DO14a, KP12b, RSHH+10, SCM13, TIM+16, WLZN17]. Communications 
[Ano16a, Ram10, Wu10, Ano10a, Ano11b, Ano12a, Ano13a, Ano15a]. 
communicator [CBGY17]. communities [IBKK11, Kra10]. Compact 
[Dual12, MBGK11, BK16a, Cap13, DT10, FFT+14, HZ11, LLXK16, ILSZ14, 
SR12, SA15b, SB11, TY10, Tia11, WZ13, XYK12, YTYA17, ZFH14, ZNT15]. 
Comparative [VEM12, JTN+11, LHS114]. comparing [Gag12a]. 
Comparison [CM10b, CDBM16, Fuh15, LXYJ10, WLM14, BR13, CDS13a, 
CHC+11, CS10, TBZ12, WG12]. comparisons [DGPW11]. compatibility 
[BS13a]. compensation [AAJA14]. competing [BSWC14]. Competition 
[MS11]. competitive [Dan11]. compilation [CW13]. compile [Vuk12]. 
compile-time [Vuk12]. compiler [LWC14, LW16]. Complete
complex
complexes
complexation
complexes
complexity
complicated
component
components
composite
Composition
compositions
compounds
comprehensive
compressibility
compressible
Compressive
comprising
compromise
Comput
Computation
computations
compute
computed
Computer
computer-generated
computer-generated-hologram
computers
computing
computer-aided
computer-assisted
continuous-energy [WRFS15]. Continuous-time [GWF+11, SGW17, HWG13, HWM+15, IW15, PBS+17, SKFP16].

continuum [CL13, FM12, GC12, HLS+17, KK13, MBF+10, NFA+16, PG10, TKL+12, WSTP15]. continuum-scale [HLS+17]. contracted [AC13].

contraction [DE13, PG017]. Contribution [TW11, Pat12]. control [BM13, CAN11, CLL16, CB16a, FBHB17, FR15, HRC11, Hoh14a, KHK+11, KSW12, KSYY13, MS14, MD10b, MGFRG12, OK10, SCB17, VPMVH+17, vWB10]. control-variate [KHK+11, MS14]. controlled [HST+11, Pla16].

controlling [LYX+17, CB15d, KSH14]. conventional [Kom15a, PE17].

convex [RLL12]. correlation [CMVRB+14, DKG+14, KCL11, LAA+10, MHHL11, MOB12, QHZ+14, RMW13, RGKR17, WPD+15]. Correlations [DBB12, CLKK11, MBGV15, iTh11, WT12, YK12]. correlators [DE13, Nem16]. correspondence [GLX+14]. corresponding [GCVA14a].


correlation [CMVRB+14, DKG+14, KCL11, LAA+10, MHHL11, MOB12, QHZ+14, RMW13, RGKR17, WPD+15]. Correlations [DBB12, CLKK11, MBGV15, iTh11, WT12, YK12]. correlators [DE13, Nem16]. correspondence [GLX+14]. corresponding [GCVA14a].

Corrigendum [Ber16a, KYKN15a, LR16, Ras17, RC16, RHBH15a, YQM14, ZTG14, Sco13].


CosmoTransitions [Wai12]. Cost [HJH17, KL14].

Coulomb [EUT+15, GH11, HK15, JH15, LB13, MC16, Mil16, MSRL10, Nis11, PH11, RGKR17, Sar17a, Sar17b, SV13, XD13, XHD15, ZHPS10].
coupled-channel [Des16, GCVA14a]. coupled-cluster [MCA17].
coupled-wave [CZL+11]. Coupling [DRI+16, KST14a, BAK+15, BAK+16, BAK+17, CL14, FLSZ13, FHTO17, KVW11, LSK+14, NGM+10, PMVG16, Schl4a, SS12, TD17, WISA11, WX11, WNP17, Wei99].
couplings [AGH+16, AC16]. covalent [HXW+13].
covariant [BS12]. cover [Ano16m].
Cowan [Kra17].
CP [CRC+13, LCE+13, PS12, RCD+10, Ros15].
CP-phases [PS12].
CP-violating [CRC+13, RCD+10, Ros15].
PCC [Wei11a].
PCCMC [NSXZ14].
PCCMC-Lab [NSXZ14].
CPPPO [MGR16].
CPsuperH2.3 [LCE+13].
CPU [BPP11, DCGG13, ELDS14, FBN+13, FOB+15, LSYZ12, Lyo15, MDW16, MPM14, WC13].
CPU/GPU [LSYZ12].
CPUs [BS14a, ´ON12].
CR [AANAJ12, BTM+17].
CR-39 [AANAJ12].
Crank [BB10, CWS14].
CrasyDSE [HM12b].
create [KSTR15].
Creation [DEW16].
criteria [AG12a].
criterion [HFSK12, SK10].
Pcrit [dlRJL14].
Critical [CND11, CM10a, Fri10, OML11, ZF12].
crOss [ALL+11, ASEA14, BPC12, BS13b, BHS15, CYD11, CF17, C11, C13, CM14b, D14, Gao13a, GLS+13, Kol14, Lit13, OILK17, Shi16, V10, vD13].
cross-machine [CFW17].
cross-section [CYD11, CM14b, OILK17, vD13].
cross-sections [Lit13].
crosswell [CL15a].
crowd [GK11].
crowded [BJ11].
cruncher [LKT+16].
CRunDec [SS12].
crystal [AZ17, AZ17, Aza13, BP12, Bab14, BK13a, FLA+16, FBP+14, HWCH11, K16, LSLK17, L14, LZ11a, LZ11b, LZ12, LOV10, MW14, OG14, O15b, O15a, WS11a, WLZM12, WBY11, YZY10, HBB+17].
crystal-cutting [K16].
crystalline [AKZ+13, DJB11, TK12].
crystallization [AYD11].
crystals [BBH11b, CL14, Gen10, HWB+13, HWL16, K16, K16, LOK+16, NJS17, PYL+14, R12, S12b].
cross [War16].
CSD [CW13].
CT [LP15].
Cu [LS17a, T11].
Cuba [Hah16].
Cube [CD12, MGO13].
cubic [Ji15b, LD10b, LST15, Lin13, WZ13, WBY11, XZ12, YSN+14].
cubic-quintic [W13].
CUDA [BTC+17, CB13a, DM12, FWS+17, GRTZ10, HE13, HD11, K10, KO14b, KO16, LBB+16, LY13, MSML10, iSYS12, SK15, WMRR17, WWFT11, YHL11, ZAFAM16].
CUDA/MP [LYS+16].
CUDAEASY [Sai10].
CUGatesDensity [LW13].
Cummings [KAvdL11].
Cumulative [AMR15, GST15].
current [LYX+17, MTM14, VLL+17, YXT+15, ZD17].
currents [HLS+17].
current [ERPDFLS15].
curves [Bo16].
Curvilinear [GSKM14, MGA+13].
customisable [BGL+14].
customised [KSTR15].
customized [DGG13, LYX+17].
cut [JvOK17, LCRL10].
cut-cell [JvOK17].
cutoff [SH12, dJBIM16].
cutting [K16].
CWO [SWS+12].
cycles [GTSL+13].
cyclokinetics [Z15].
cyclotron [BB13b, JGC+11, KMD12, SS11a].
cylinders [MCM+12]. cylindrically [RS12].

D

[LB15, RP+15, RHH15, TGH16, WNY17, AV13, AGMS15, APC+14, BBC+11, BB17b, BAR12h, BVP10, CP15a, CC14, DGG13, EW14, FJK+17, FK12, FRF10, GS15, Gai14a, GG16, GAB+16, GGF+13, GX15, GCVA14b, Gwi12, HKJ+12, HTT13, HTT14, HDM+12, Ixa10, JEC+12, JKS16, KAK12, KL11, KO14b, KO16, KMS16, LH10, LHC+13, LX14, LKW11, MGL13, MGO13, MPP11, NHD16, PR10, PCD14, Qia17, RK14, RF15, RS12, RAV11, RJL16, RHH15b, SBH+14, SW14b, SA15b, SK11, SW11, TMA+15, TY10, TK12, TIM16, TPC16, VLM11, WNY17, WMR17, YTYA17, ZXL16, ZSW+17, SW14a]. D-3V [CC14]. damage [MBRV+13]. damped [DZ13, Eba13]. damped-relaxation [Eba13]. damping [MD11a, SS11a]. DAMQT [LRR+15, LRR+17].


[BC1+11, Car10a, DPK+15, KST14b, XLC14, AAA+16, Ano10n, Ano11a, Ano11b, DBS10, BAL16, BG13a, BBV10, CL15a, Car10b, CMS14, CO11, DRUE12, DDK+15, DADS11, CED+10, End11, Fer15, FCC15, FWS17, GMR13, GTH13, GTL+17, HBP14, Huy15, JTH14, KFF+16, Kom15b, MW12, MGO13, MD10b, MM11, MG12, MGI12, MRI16, dR11, PCV11, PGO17, RMW13, RSS+10, SEW12, SEW14, Shi16, Sin11, Sin12a, SAS11, SOJ14, SSM+17, TRM+12, Var16, WKM11, YG12, ZSW+17a, Zlo14, dBC14].

data-assisted [GT+17]. data-sharing [TRM+12]. Database


Density [GS17a, NJS17, VCMS′+13, AKZ′+13, AG14, AM10, AM11, BBH11b, BCH17, BR13, BSGG10, CDTV10, CXH′+15, DSM′+11, Dua12, GBR′+14, Gio14a, GCP′+15, HYM11, HHS′+10, JCW′+13, KT12, KCT15, KK16b, KSYY13, Liu15a, LW13, LS11, LRR′+15, LRR′+17, MGRB11, MOB12, MSS′+16, Mil16, MNPY14, MC17, NPAD11, NBN′+14, OOK′+12, OT11, QJF16, RHC15, RCH16, RGH10, RWKS15, SH12a, SCRS17, SSX14, SBH, SAHP15, SA14, TVGB15, VvAV′+11b, VvAV′+11a, Wit14, WPV14, XLL15, YRR13, SH12a, SCB17, TC11b, SAHP15, SA14, TVGB15].
density-functional [GBR′+14, MGRB11, MC17, SCRS17, SA14, TVGB15].
DensToolKit [SAHP15].
dependencies [Kan14].
Dependent [LB10b, BBB17b, CFCB12, DS13a, DHR14, DM12, FGLB12, GS15, GBR′+14, GTG′+11, HST′+11, Ixa12, Kap16, Ker17, KTA12, KYSV′+15, LV14, LBB′+16, LYSS′+16, MC16, MGRB11, MGL16, MC17, NPM16, ÔN12, PR13, PM16, RVDS16, SSB′+16, SHZ13, SSH′+13, SLC11, SBH′+12, SCB17, TC11b, TVGB15, TT11, UW12, VVB′+12, WL11b, XJS16, YSVM′+16, ZYZ15, ZKS13].
depending [EY11].
depinning [SLZ16].
deployment [HKK11].
deposit [YXT′+15, Lit13, LO14].
deposition [BT17, RH11, VLL′+17, ZLFM11].
Derivation [CWS14, BENK′+17, HB12, Miy15].
derivative [RA14, SK10, SAHP15].
derivatives [GCVA14b, KCA′+15, LWZ14, NS15, PB16, WWS10].
desccribing [ASTT16, BDKS10, DPK′+15, DOP17, DSLP11, MNC15, TKP15].
Design [CFCB12, Fri14b, Dan12, LOK′+16, ML14, NFA′+16, TUY15, SAA′+10].
Designed [UO15a, MCA1F14].
Designed-walk [UO15a].
DESVII [VJC12].
detail [OK10].
Detailed [HWW12, MPSV15, Str15, VV16, BTC′+17, CFFR15, LCC13].
Details [JG16].
detect [RMC16].
detecting [DBJ11].
Detection [Ber14, AKKK16, BLS17, BHH′+10, BBH′+15, BMG′+15, HTY17, KME′+11, LTP′+17, OL12, ZBMM11].
detector [AANA1J12, BPM14, BKM11, PCEH15, TdAdSS11].
detectors [JuI1AM16].
determinants [USOA13].
determination [BR13, BHVMH15, JK13, MD10b, SBB′+17, Ver16, VvAV′+11b, WG16a].
determinations [BCH17].
determine [BSWC14].
determined [RU13].
Determining [ACDdM14, VdLF14, MC10].
Deterministic [UO15b, Asi10, GJLB12, TZZG12, ZTG13, ZTG14].
deterministic/stochastic [GJLB12].
detonations [MTE17].
detuning [CdFDS16].
Development [Dan10a, Dan10b, HF16, HCHW11, KYKN15a, KYKN15b, LHH′+12b, OILK17, QLN14, SCLW16, Sit14a, Sit14b, SHL′+11, Gio14b, HvAS′+13, HVMR10, HKVR10, RK11, Uty14].
developments [GJA′+16, LOSZ13, SMO16a].
deviates [AM14a].
device [CDSG11].
devices [ASGLK10, AK15, AGB′+15, BKA′+14, HEF′+11, KRK16, NAQ16, WWC′+16].
devoted [Org15].
De Witt [SMdON14].
DFT [BFD′+11, DSW′+15a, DO14b, KST14a, SW13a, VCMS′+13].
DFT-calculations [VCMS′+13].
DFT/LDA [SW13a].
dftatom [CPV13].

Diagonalisation [MKV11, OILK17]. diagonalization [CL10, SA15a, SH12b, SH16, TC12]. diagram [GBP17, Liu15b, MS11, XWhZ13, XW15, dALM+12]. diagrams [BL17, Ell17b, YdDH+12]. dialog [Zlo13].


diamagnetism [Aza13]. diamagnetisation [Aza13].
KMA+12, LJSW11, LLSK17, LWL12, LST15, LLXK16, LHH+12b, LLX14b, LR13, LR16, MEM+11, MKR+12, MSZW11, Müll14a, Naz12, NAQ16, PBE14, QA13a, QLE16, RtV16, Rei11, Rei12, RHC15, RCH16, RGKR17, RWKS15, SFP11, SÓÓN11, SCLW16, SLR16, SDJ+12, SJW10, TD14, TT14, VK14, WC10, WWC16, WaSL13, XZF12, XZ12, YWX11, ZFH14, ZYZ15, dHV12, vRWS14].

Dimensionality [BH17].

dimensions [DMC10, DKOS14, KAvdL11, LA13, TSIM16, dSdO12].

dimensionality [BH17].

dimensions [DMC10, DKOS14, KAvdL11, LA13, TSIM16, dSdO12].

dimensionality [BH17].

dimensions [DMC10, DKOS14, KAvdL11, LA13, TSIM16, dSdO12].

dimensionality [BH17].

dimensions [DMC10, DKOS14, KAvdL11, LA13, TSIM16, dSdO12].

dimensionality [BH17].

dimensions [DMC10, DKOS14, KAvdL11, LA13, TSIM16, dSdO12].

dimensionality [BH17].

dimensions [DMC10, DKOS14, KAvdL11, LA13, TSIM16, dSdO12].

dimensionality [BH17].

dimensions [DMC10, DKOS14, KAvdL11, LA13, TSIM16, dSdO12].

dimensionality [BH17].

dimensions [DMC10, DKOS14, KAvdL11, LA13, TSIM16, dSdO12].

dimensionality [BH17].

dimensions [DMC10, DKOS14, KAvdL11, LA13, TSIM16, dSdO12].

dimensionality [BH17].

dimensions [DMC10, DKOS14, KAvdL11, LA13, TSIM16, dSdO12].

dimensionality [BH17].

dimensions [DMC10, DKOS14, KAvdL11, LA13, TSIM16, dSdO12].

dimensionality [BH17].

dimensions [DMC10, DKOS14, KAvdL11, LA13, TSIM16, dSdO12].

dimensionality [BH17].

dimensions [DMC10, DKOS14, KAvdL11, LA13, TSIM16, dSdO12].

Disciplinary [WSH+12].

Discontinuous [EW14a, Ein16a, HLLH16, HWS16, LLP15, LLMW17, Maz13, WP10b, YWX11].

discovery [LCRL10].

discrepancy [VLD+12].

Discrete [CR12, EW16, AGMS15, ELDS14, GMRHRCME13, GMPFC+14, GJHF14, KV10b, LCH11, LYL+17, MD10a, NMS14, RTAT15, SL17, SWL+15, Sza13b, Sza13a, Sza16, ZAHAI10, EW14b, EEGW12].

discrete-dopant [LCH11].

discrete-element [RTAT15].

discrete-time [GJHF14].

discretization [CDBM16, DM17, DJ12, MLS10].

discretized [HLLH16, HLC+13].

discrimination [sL10].

discussion [Nem16].

disks [TACA15].

dislocation [DZ15, MTS+16].

dislocations [PE17].

disorder [ABC14, TK12].

disordered [CLJ12, CRNK12, CZN14, Dan10a, Dan10b, LZL11].

disperse [Sie16].

dispersion [FMW10, JL10, Kon11, LKA+16, MFH+13, PSB11, PSBT12, Sco13, SB11, sX14, vMB14].

dispersion-free [LKA+16].

dispersions [ZZ17].

dispersives [CW16, GAO13b, HLLH16, Ram10, Ram12, Ram14, WWHW14].

Displacement [UW12].

displacements [LS15b].

dissemination [LHC+12].

dissipation [PDJ10].

Dissipative [JBKM15, ASPW13, BTLL+17, CCWL11, GAHP15, GTS14, MNC15, TK14a, TD17, WXW13, WXW14, BJ15, LBM+14, MDPTK15].

dissolution [XHL12].

distance [PDC14].

distances [RAW15].

Distinct [Cro16].

distorted [Bad11, HK15].

Distributed [GHD10, AM14a, BKS15, CL15b, GB11, GBS+16a, IW15, MV11, OLG+16, SOJ14, WMK11, WC13, WAW14, YG12, RPB+15].

distributing [HWT10].


DNAD [YB13]. DnaFabric [MVI+16]. DNS [APC+14]. DNSLab [VK16].

documentation [DNP+12, DPW16, KLV15]. doing [GLMG12].

Domain [BS15a, IBP+15, ASPW13, APC+14, BS15b, CW16, DO14b, FRG12, FNPMB10, HJH17, HC16, HKvH16, Hsu11b, JU17, Kap12b, MBFD12, ICD13, MCL+17, Oti13, QL10, Ram14, SW12b, TD14, TT14, VDB14, ZLL13, ZHC16, HKF+12, MCM+12]. domains [Bot13, DS13a, KSW12, OOK+12, SNB11, SK15]. dominated [Kau13].


dot [BMNS14, CL10, YC¸O15, ZHC16]. dots [Den10].

double [CWW10, GC10, GC13, GC16, MD10a, Ram14, TTG11]. double-dispersive [Ram14]. doublet [ERS10c, ERS10a, ERS10b]. doubling [CL15b, FGLB12].


drainage [GTS+13]. DRED [SV12]. DREG [SV12]. Drift [DOP17, DJ12, Evs14, SISW10, XYM+13]. Drift-Asymptotic [DOP17].

drift-diffusion [DJ12]. drift-kinetic [Evs14, SISW10]. drive [MTM14].

Driven [Dan10a, Dan10b, BJBC+14, CHC+11, De 11, GTHL11, GAB+16, Hin11, HJL+14, IBKK11, LDW13, LHI+15, MiH12, MS11, RHFH12, VPM12].

driving [BNAB11, THDH14]. DRoplet [Tom16]. droplets [APC+14].

droosophila [SLC11]. Drude [HLW16]. DSAM [SLLP17]. dsDNA [AGVP10].

DSMC [JvOK17, OCF10, TKL+12]. dual [CBG+17, DG10a, VvAV+11b, YB13]. DualSPHysics [CDR+15]. duct [ZNT15].


dust [HCRD14]. Dyck [Bra15]. dye [HG13]. Dynamic [ALS16, Bar12a, DSHS17, FRG12, SUS+17a, SKSK13, AGMS15, Bar11a, BS15b, CD12, DF11a, DGMZ15, HST+11, JOR+12, PE15, Sus17b, Sva12].

Dynamical [KLKR11, LLHC11, AG14, ADDm+12b, ACdm14, BVC13, BG11, Dan11, DTi11b, Er14, KP12a, Ki11, LS16, LMAB16, TTS11].

dynamically [CFCB12]. Dynamics [AS16, AD15, DRR15, wHwH11, JBKM15, MDPTK15, Ngu17, SBPN15, TD17, WWR+16, ADD+11, ASPW13, ABB13, BS14b, Bar11a, Bar12a, BPML12, Bin13, BTL+17, BG14a, BWPT11, BKPT12, BY13, BCG+15, BBV+16, BENK+17, CMM14, CLLL11, CXH+15, CKS10, CH11b, DCM+12, Dat13, DLP10, DEW16, DT11b, DHR14, DS13b, ENE15, ESM17, FSH13, FCVH17, FRG12, Fil14, FFIH11, GK11, GM11, Gio14b, GL17, GNA+15, GAHP15, GTS14, GH15, Has11, HST+11, HRC11,
HG13, HYM11, HXW+13, HLZ+13, HBH+17, HWL+17, HM10, HDM+12, JWL13, JPH+14, JNN12, JNN13, JSLM16, JKIS16, KST14a, KDM11, Kon11, KK17, KS15, KCS+15, KR14, KSY17, LGW13, Leô12, LS12b, LHZ11, LK15, LLZ+17, LSK+14, LDF+16, LS17a, MDW16, MIW+13, MM17, MTS11, Min11, MNC15, MkB+11, MSH11, NBM+15, NBW16, NPAG11, nsK+15, dynamics [ÖKC11, OKM12, OYK+14, PR14, PLCC12, QL10, QLE16, RC15, Rap11, RBB15, SV14, SBH+14, SL17, Sco13, SCRS17, SOM+13, SMO16b, SKM15, SAG13, TK14a, TZM17, TSTT13, TS11, WC10, WX11, WXW13, WXW14, WSL13, WSH+14, YW17, YHCS11, YK12, Zag14, ZS13, Zhe15, ZPvR16, BJM15, BHN16, DLG10, LB16+14]. dynamics-based [ZS13, Zhe15]. Dyson [HB12, HI12b].

e-infrastructures [GBS+16a]. e-Science [LSJ13, CKH11]. E6Tensors [Dep17], early [SCW+11]. Earth [MPS13]. Easy [DEW16, Son14]. EasyFeynDiag [XW15]. EBT2 [ACdS13]. EC [MTM14]. ECE [MTM14]. ECOM [LC15]. ECPFSSR [BPC12, Cip11]. ECR [MTM14]. ecs [BH16]. eddy [TIMM13]. edge [BMU11, FRFH10, FR15, LDR+17, SPY11, ZDM17]. Editor [Sco13]. Editorial [Sco16, Ano10b, Ano10c, Ano10e, Ano10f, Ano10g, Ano10h, Ano10i, Ano10k, Ano10l, Ano10m, Ano11c, Ano11d, Ano11e, Ano11f, Ano11g, Ano11h, Ano11i, Ano11j, Ano11k, Ano11l, Ano11m, Ano11n, Ano12b, Ano12c, Ano12d, Ano12e, Ano12f, Ano12g, Ano12h, Ano12i, Ano12j, Ano12k, Ano12l, Ano12m, Ano12n, Ano13b, Ano13c, 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 [Ano10a, Ano10b, Ano11a, Ano11b, Ano13a, Ano15a, Ano16a]. education [LPBH11, Müller14c, TN11]. Edwards [FFT+14]. EERAD3 [GGGH14]. ef [DIP11]. ef-based [DIP11]. Effect [CHH+11, KSH11, SBL16, AG14, CFSK14, Kri12, OCL+13, QHZ+14, SWL11, SDJ+12, WBY11]. Effective [BCS10, VLD+12, CLC14, CM15, CGG+14, HHC16, Jab12, LSG+12, Nem16, NRSVW12, ZTG13, ZTG14]. effective-mass [HHC16]. Effects [iT11, BDK11, DGMZ15, GTSL+13, GB14, KZ11, KS16b, LHSL14, Liu15a, MDPTK15, PBE14, VV16, W12, dSVLP13]. Efficacy [DML+16]. Efficiency [LV15, W11, ZPvR16, FZ16, GLAC13, GSKM15, JAS17, KK17, LCR10, VKS16, WW12]. Efficient [AS11b, AAT17, BCJW13, CMN12, CSR13, FUSH14, FCVH17, GBP13, GST17, GGG16, GVS+15, GA13, HWG13, HXW+13, HAN+16, HCH16, JU17, LHZ11, SLqSqL+13, MA11, MSRL10, Qia16, RA13, RF15, SZ15, SHNM11, SCM14, SA14, THDS16, USOA13, VDF15, Wal11, WS11a, WLH+12, W12, Wi15, WWFT11, WAW14, vRWS14, ASPW13, AMM11, AGH+16, ACTP15, BJCW13, BB13b, BHIW+12, CLB11, DCC+10, DKSG16,
KQYH17, MDF11, NNWS15, OOK+12, RS12, SLEF17]. electroosmotic [SS11c]. electrophoresis [SS11c]. electrophysiology [MFM15].


ExoData [Var16]. exoplanet [Var16]. expanding [HM12c, LP15].

Expansion [JGD12, AJ10, AK13b, CSP10, Deu16, FLW17, GS14, HWG13, HvWT17, HK15, HL13, IUM13, KZ14, Per14, Pit12, Ros16, SKF16, SGW17].


Explicit [Bl15, AH13, Ber16a, Ber16b, CW16, DM17, DJ14, FG13, FGR14, KZC+10, KAS12, LCE+13, QSC14, RL10, SCL16, SS10b]. explicitly [LV14, PZY16].

Exploiting [ASWP13, BBV+16, YRR13]. Exploring [CDS+13b, GTS14, Yan11, MG10a, Mü11a]. explosions [BNAB11].

Exponent [XZF12]. Exponential [Ert15, PTMD14, ZNT15, AQJ10].


FAST [Ruf13, ABRS12, BG13a, BKM11, Bot11, BGL+14, BSW12, CZ17, CC10b, CC12, DHJ13, GRZ10, HC16, HS16, KAK12, KME+11, Lat15, Maz13, MSS+14, PKRS16, TO10a, VLPPM14, WISA11, WSO+12, AGB+15, Bru13, CJJ+17, CB15d, CCN17, Dat13, GMF+17, GHF14, Ham11, HP11, JMW13, LC15, LL15, LCHM10, LCHM13, LLX14a, MRZ10, OL12, OYK+14, Qia10, Qia17, RMW13, Ser17, Sza16, iT11, TSIM16, XW15, XAPK14, YBK+11, YBNY13, ZHPS10, ZC12, ZPvR16, vWB10, EBDM17, FCC15, JLM13].

fermion-doubling [FGLB12], Fermionic [Men11, ÖKc11],フェルミオン [FGLB12].
Fermions [FKL13, BG11, BCDI12, CvW12a, CvW12b, CL16, LSR+17], ferrimagnetic [CJH11].
ferroelectric [Gen10], ferrofluid [PLD+13]. ferromagnetic [CAGL13]. FESTR [Hak16], few [CKS10, FE11, PKRS16, RAV11, RC11], few-body [CKS10, PKRS16, RC11], few-level [FE11]. few-particle [RAV11]. FEWZ [GLFQ11, QGLP13]. FeynArts [FHH+14, Sta10, SV12].
FeynCalc [SMO16a, Sht17]. FeynDyn [Dat13]. FeynHelpers [Sht17]. FeynHiggs [HP17]. Feynman [Bor14, Dat13, Ell17b, Fri14b, GM17, Nog17a, Nog17b, Pan15, Sem16, Sni15, Sni16, Sni10, XWhZ13, XW15, dALM+12].
Field [NHD16, RLMGM+11, BW16, BG11, BMS+16, CzD15, CHDCJA17, CSJ+17, CCHL11, CPHL14, DF13, DPB16, EPB+16, EEGW12, ESM17, GA15, GZW17, GLW14, GX15, HO13, HEF+11, JTT11, KB15a, KH12, LPRPR17, LDR+17, LLSK17, LGF14, McM17, MEG12, NPVR14, NVW+13, Nut14, PC11, PCGM14, Pit12, QL10, QJF16, RS12, RK11, SEW12, SEW14, SZM+14, SCM+16, SW11, TSK+17, TPK15, XHLM12, XLX+15, YLK10, dB14, vdSM16, Asc10]. field-aligned [HO13, LDR+17]. field-particle [CSJ+17]. field-theory [DF13, Nut14]. fields [Asc10, BMW14, CFSK14, DOP17, Dua12, GH15, HSD17, JPK+12, KOT12, Ki10, LS13, LR13, LR16, ÖN14, PSTQ17, PM13, SW14a, SW14b, SAHP15, Taui0, TC11b, Wall12, ZY15].
OVSI15, OT11, PVK+17, PB16, QLN14, Ram14, RS12, RVDS16, RC13, RC16, SW14a, SP16, SC15, SHL+11, SBH+12, SCG11, TT14, Ter17, TYH+15, TXZL15, VLPMP14, VDB14, VDAH16, VV16, WZ13, WP10a, WIt14, YRR13, YXT+15, YQM12, YQM14, Hak16, HKF+12, LYP14, MCM+12].

Finite-difference


fitted
[CFMR10, FG13, KMS14, KV10b, Myi15, PS14, RVA14, WT15, YZZ11].

Fitting [GD14, BW16, Ber16a, Ber16b, BMPI14, Bla15, Bru13, DFM+15. Duf16, DSPJ10, Eme11, LFG14, LAS+17, Pat12, PBD+15, RFP+17]. five [XMLC16]. five-body [XMLC16]. fixed


[ACMM10, BHNS17, BBF+13, BCM+16, BTC+17, CDD+16, CPR12, GSC+16, Jo1K17, JPK+12, Ki10, Koh15, KPPC13, LSK+13, MTE17, MRVF13, ML16, PBD+15, PE15, RJLL16, Sza13b, Sza13a, TMM13, TCP13, WZS+11, WG16b, XDL16, ZOZ13, vds10]. fluctuated [LCH11]. fluctuating
[BK16a, XYK12, BIT12, DZI3, HZI11, LLXK16, ILsSZ14]. **FOXTAIL** [TJH17]. **FP** [FWZ+12]. **FracSym** [JC14]. **fractal** [ADdM+12b, EBCBG17, GTL11, GFB+10, GGF+13, RU13, GGF+13, GES13]. **fraction** [BMS+16, ZTG13, ZTG14]. **fractional** [Dev12, DS15, HZ11, JC14, JL10, LLL13, PSB11, PSBT12, SW12b, YQM12, YQM14, BK13b]. **fracture** [RT˚AT15, VLM11, VKLM11, VLM11]. **fragment** [BG14a, DG16, HK12]. **fragmentation** [BG14a, DG16, HK12]. **frames** [MFS+10a, SS11b]. **framework** [Ano11o, CMC+15, CEZ16, CFS13, CFFR15, DMC+15, ESM17, DRI+16, GBFJ14, HMR14, HMI2b, JEC+12, JNN12, JNN13, KEH12, KSTR15, KSH14, LSD14, LS14, LS15a, LRW+15, LZF12, MLR10, MGRG12, NBM+15, NPVR14, PGO17, RM14, SV14, SSX14, SJI11, Sva12, TOB+14, TVT+16, WFW14, ZHH+16, ZHL11, CF16, FCC15]. **Free** [ACMM10, Gen10, AK15, ACTP15, CCD+16, CGM17, CP15a, CXH+15, CPR12, Deu16, DFM+15, Duf16, DGG13, FS17, FBHB17, FM15, Hon10, HS16, HHS+10, JPCG15, KT12, KST14a, KH12, LKA+16, LF12, McM17, MFS+16, ORI+10, PH11, DMI16, RJLL16, SA14, UA17, Wil15, WPV14, XD16, ZAG14, ZOZ13, ZPH+15, Zhe15, ZMCT12]. **free-boundary** [FBHB17, Hon10]. **free-form** [Zhe15]. **free-software** [ORI+10]. **free-standing** [ACTP15]. **Free-surface** [ACMM10, CPR12]. **freedom** [Er14]. **Frenkel** [AMM11]. **frequencies** [KMD12, RAV14, RJ12, YFAT17]. **frequency** [GLAC13, GB14, Hsu11b, KMD12, KSY17, LY16, MCP+11, Oti13, PP13, Ram10, SVG10, TSI16, TIM+16, TUY15, WCT11, YZWR14, McM12]. **Frequency-Domain** [MCM+12]. **FRESH** [KBT+14]. **Fresnel** [JTP15, VZL17]. **FRETS** [EBDM17, HG13]. **FREYA** [VRV15]. **FRG** [Roh16]. **friction** [AMM11, HST+11, RU12]. **frictionless** [LDW13]. **Friedel** [TW11]. **friendly** [CFS13, RFP+17]. **fringe** [MB12, MB12]. **FRODO** [AC13]. **frog** [AZM14, HP14]. **front** [Ano16a]. **frustrated** [LIM13, KGNS10, Le12]. **frustration** [HML11]. **fs** [RE17]. **FSAL** [FLW10]. **FSI** [FHT17]. **FTS** [Ruf13]. **Fuchsia** [GM17]. **fuel** [AZM14, BCP+16, NGC12]. **Full** [DNPS13, AM14b, BMU11, CL15a, CGB14, Dan11, FE11, GAB+16, HEF12, JBG+17, KGG+16, Liu15a, PBMAD12, PCGM14, YTYA17, ZY15, RSSH+10]. **full** [GAB+16]. **Full-Metadata** [RSSH+10]. **full-orbit** [PCGM14]. **full-potential** [PBMAD12]. **full-torus** [KGG+16]. **fullerenes** [RM14]. **fully** [HHS+10, KRB15, PN15, SSB+16, VVB+12]. **FUMILI** [SIT14a, Sit14b]. **FUMILIM** [SIT16]. **function** [AJQ10, AK15, AK13b, BH11, BSG10, BK16b, Cha16, CDL+12, DCC+10, DM17, DdMN16, FCM12, FCM16, FM12, GST12, Jab12, Jab13, Jab15, KDM11, LSF14, LKL11, LHS14, MR13, OKP10, PLF+17, Pla16, PM13, Raw15, RMC16, SS11a, TTT16, Vve12, XD13, XHD15, YTYA17, ZF15, ZDWM17]. **function-velocity-magnetic** [YTYA17]. **Functional** [BC10, DBB12, GS17b, GS17a, LT15, VCMS+13, AKZ+13, BBH11b, CDTV10, CXH+15, FSC13, GBR+14, GSZ13, HB12, HHS+10, JCW+13, KT12, KCT15,
Generalized [JPH+14, BDV11, Brá15, BKK13, BKM14, BK15, BK16b, CC16, DDB12, Ert15, Fen12a, Fen16, GV15, GS14, GTG+11, KMM13, KMS16, LJ11, LS12a, LsSZ14, MBFD12, ICD13, PH11, PA13, RJLL16, RLC12, TCI1b, BD12, MCGR11, MN16]. generate [AM14a, ZLLP17].

Generated [BD10, MVI+16, MSH11, MSS+14, VKS16, WSO+12]. Generating [Bjö11, CB13a, MMT+11, Mis12, WWR+16, AZ17, KFF+16, Mis13, RM14, Rom15, SGDS16, WW12]. Generation [CC10a, JTH14, BJBC+14, BS11, BS13a, BS14a, BJCW13, Bor14, BGL+14, CF16, DCM+12, FMRP16, Fer15, GB17, GBS16b, HBP+15, HU10, MV11, DPHB17, PLF+17, Rei10, SG15, Sem16, XWhZ13, YFAT17, ZS13].

Generator [CF16, GAGW16, AFIS12, AOK15, AhPSV15, BCMS10, BCJW13, CWW10, CUL+17, CI11, DKT14, GP13, Gin10, HLD13, Kas14, KRW13, KYKN15a, KYKN15b, MO14, NCS17, ÖY13, RVDS16, Sav15, Sha13b, Sha16, TU14, Tom16, XW15, YWW13]. generators [ASPW13, BS13a, CKS10, Dem11, MZ14, Mis13, SS13a, SAE+16, TC11a].


GPU [BS14a, BKOZ16, BPP11, BFPP12, BF+13, BBS14, BLS17, BD10, BVP10, BV11].
BTL+17, Boe14, BTC+17, Cap13, CMVRB+14, CMRVR16, CSSB15, CRB+17, CLB11, DRR16, DS13a, DCVB+13, DCGG13, DGG13, ELD14, ELL+17a, FFT+14, FGC+11, FDWC12, Fil13, FBN+13, FOB+15, Gai17, GP13, GJ13, GLHG12, GHR+16, GB17, Ham11, HXW+13, HW12, Ihn12, JK14, JPCG15, JXT16, JCW17, KKP11, KP12b, KO12, KO13, KO14b, Kom15a, Kom15b, KO16, KMA+12, LYP14, LCC13, LGW13, LBP15, LWRQ16, Lut15, Lya15, MDW16, MPM14, MFM15, MHR+13, MTM13, NHD16, Ngu17, OP12, PR14, PLD15, PBS+17, PKRS16, RD10, Sai10, SGNL17, iSYS12, Sie16, Smi16, SKM15, TL17, TDL+14, TPC16, WXW14, Wei11b, WSH+14, WC13, WAW14, XLX13, YHL11, ZSW+17b, ARYT17.

GPU-accelerated
[ELDS14, GHR+16, TL17, WXW14, BTL+17, Cap13, CRB+17, DS13a, GJ13, Ham11, HXW+13, MHR+13, Ngu17, PBS+17, XLX13].

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

GPU-centric
[Sie16].

GPU-enabled
[LYP14].

GPUs
[ACD+14a, AAT17, BS14a, BCDI12, CMRVR+14, CB13a, CSBO13, CBB+10, CH11b, CBB+14, Dat13, Dem13, DSP15, ECD+10, FGG11, GNA+15, GJB11, HTJ+16, HAH13, HLZ+13, sLqSqL+13, MR14, Maz13, MRSD15, MKB+11, ON12, PKV+17, SV13, SÖON11, TK14a, TCP13, WXW13, WAHL13, WWM14, YL12, YBK+11, YBYNS16, jDBIM16].

GPU-The
[HLZ+13].

gpuSPHASE
[WMRR17].

GR
[OK12].

Grad
[HS14b].

gradient
[AG12a, CR12, HbotRC15, HKVR10, JHL+15, KN13, SEGP15, WX14].

gradient-based
[HKVR10].

GRADSPMHD
[VKP14].

grained
[AGVP10, BRU13, ESM17, FQY+17, PA13].

grazing
[GB11].

Grass
[AS16, PLCC12].

Grand-Canonical
[AS16].

grand-canonical-like
[GTPWL12, KPPC13, RU12, San11].

graph
[ASTT16, AOK15, Bor14, SSBS15, ZLLP17].

graph-theoretic
[SSBS15].

graphene
[CW16, FUSH14, GZL14, Ihn12, KLKR11, LHS14, OCL+13, STT11, SPY11, SWL11, TMA+15].

graphical
[CF16, GB13, RPL+14, RLMGM+11].

graphical
[CCL15, WWL11].

graphics
[BBW11, Bor14, FRW17, MKMK10, MKV11, SI11].

Grasp
[JGB+13].

gravatons
[AAB+10b].

gravitational
[ACML11].

Green
[AK13b, KK16a, KDM11, Liu13, PLF+17, Pla16, WAHL13, XD13, XHD15].

Grid
[KK14b, BH17, BAR12b, CBGY17, CB16b, DF11a, FZY17, GBN17, GXP+15, GLHG12, HP14, HvAS+13, HZW+16, HKK11, KDP+14, KK14a,
Grid-based [KK14b, KK14a]. grid-computing [KDP+14]. grid-convergence [CB16b].
grid-resolution [CBGY17]. gridless [OCF10]. gridlock [wH15]. GridMD [MV11].
grids [BHS15, DJ11, DHS14, FRFH10, GN14, GSKM14, HWS16, JBG+16, JBG+17, LYP14, MTO15, SC15, SHL+11, YJK11, ZNT15]. GriF [MLR10].
gyrokinetics [ZW15].

H [PCEH15]. 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, SZY+12, SZY+13, ZYL+15, Tom16].
hadronic [CWW10, CWW15, GLPQ11, KKK+15, WW13, ALL+11]. hadrons [Kol15].
hadroproduction [WW14]. haggies [Rel10]. Haldane [BDK11]. half [HM12c]. half-integer [HM12c]. Hall [VPM12]. Hall-driven [VPM12].
Hartree [SW14b, SDM+12, SDS+17, SSK+13, ZF16, BM16, BMW14, DG10c, Fis11, GBD10, KOB13, KSI2, OT11, SEW12, SEW14, ZY15]. hase [SKB10]. HASEonGPU [EZBA16]. Hastings [GM14, MP11].
[MVS15]. high-nuclearity [DRR16, RRCSCJ10]. High-order
[MD10b, RHW+12, SSH+13, SA15b, TY10, AAD13, AAD14, Cap13, DJ11,
FG13, GA10, Koh15, LV15, LWZ14, PVK+17, Qia10, Tia11, VV16, WWS10,
WWR+16, Zag14, ZFH14, ZNT15, DBLF16]. High-performance
[GS15, Gai17, JTW+17, LSR+17, DPHB17, Ara14a, Ara14b, SHZ13].
high-precision [BDT15, LM16]. high-resolution [BMG15].
High-temperature [HvWT17, Liu15a]. high-velocity [JH11].
Higher [ABdA15, CD15, KO14a, WP10b, ACDdM15, Cha16, CLJ12, DKOS14,
MO14, SR12, SC16b, SB11, VJC11]. Higher-order [CD15, KO14a, Cha16, SC16b, SB11]. Highly
[CH11b, LBP15, MGR16, HBP+15, MSI+10, MLS10, SEW12, SEW14, WDR16, YBY13].
highly-efficient [WDR16]. Hiking [Br´a15]. Hilbert
[ERPDFLS15, SA15a]. Hilliard [LLXK16]. Hirshfeld
[EPP12]. histocompatibility [HFSK12].
histogram [CMRVR14, CMRVR16, VK14]. histograms
[AMR15, Gag12b, Gag12a]. HMC [CDS+13b, KP12a]. HNLS [SB11]. HOC
[TY10]. hole [Gin10, LZR11]. Holm [ZST11]. hologram
[BGL+14, JTP15, MSS+14, WSO+12]. holograms [BD10]. holographic
[FBN+13]. holography [MSI+10, ZSW+17a]. HoMnO [KAR+15].
homogeneous [Asi10, BK11b, MSHLS15, MSHL17, PN15, SLEF17, vMB14].
homology [DS13c]. Homotopy [CS10, PSBT12]. honeycomb
[MHHL11]. Hooke [RGKR17]. Hopf [Bor14]. Horn [BKM14, BK15]. Horn-type
[BKM14, BK15]. Horner [KPvdH13]. HOS [DBLF16]. HOS-ocean
[DBLF16]. Hoshen [FKH15]. hosphere [CDTV10]. HOTB
[GSMK17, SMGK14]. Houches [ABB+14, BBC+13a, MHA+12]. HP
[LW111, Roh16]. hp-frG [Roh16]. HPAM [EPP12]. HPC
[CCdC+11, GBK+12, OLG+16]. HPL [Mai12]. HRMC [MHV17].
HRMC_{1.1} [OPO+11]. HRMC_{2.0} [OPSR13]. HRMC_{2.1} [OPR14].
Huge [WSI13, BMC+11b]. Huge-scale [WSI13]. Hut [WSH+12]. Huygens
[VLZ17]. Hybrid
[GJLB12, LRW+15, ML17, OPR14, SSB+16, SS11b, TH17, VCMS+13,
WDL11, WLZ17, YHL11, AAD14, BMC+11a, BD12, BT17, BWPT11,
BKP+12, BY13, CW16, CL13, ES11, FGR14, GC12, Gwi12, HLW16,
JTN+11, Jiwi15a, KK13, KCS+15, LCY+11, LHC+13, LHH+12a, LSYZ12,
MIW+12, MM1, MUK+12, MSM+11, SZ15, SS13b, SPR+10, TFBW14, WC13,
WA14, YvOSM15, XYT+15, ZC12, GHR+14, HKZN17, OPO+11, OPSR13].
Hybrid-optimization [WLZN17]. hybrid-stabilized [JTN+11].
hybrid-symbolic [SZ15]. hybridisation [SKFP16]. hybridizable
[HLLH16, LLP15, LLMW17]. hybridization
[AK13b, HGW13, SGW17, VPP+12]. hybridizations [SGW17]. hydraulic
[WNYP17]. Hydrodynamic
[MOD13, GZW17, KHB14, LCH11, LW11, WSH+14, ZD15].
hydrodynamical [NAQ16, QA13b]. hydrodynamically [APC+14].
Hydrodynamics
Hydrogen [WBY11, BP12, BH14a, BH14b, BH16, BKS15, JTT11, LH11, MFS10b, SW14a]. hydrogen-like [BP12, MFS10b]. hydrogenic [PG10, Sar17a, Sar17b]. Hydrogen-like [BP12, MFS10b].

instruments [KSH14]. insulator [CJH11]. insulators [PSP16]. integer [HM12c]. integrability [ACDdM14]. Integral [Smii15, ASEA14, Boy15, CMM14, Dat13, DG17a, GJ13, GHvSF14, KO14a, MNV13, ML14, Miu11, Qia10, RGRK17, Smii16, Stu10, WM14, ZBG+16, ZDWM17, ZWLZ17].

integral-equation [ML14]. integrals [AG12b, ACDdM14, Bog16, BH13, BCH13, BHJ+15, CEZ16, CGH+11, GBN17, GM17, JH15, Kap12b, KCT15, KK14a, Pan15, Pat15, Pat17, PB13, Prai17, RMW13, TO10b, WiA11, NW16].

integrating [Bot12, dHV10]. Integrating [JGC+11, NBW16, Ano10a, GGI+13, GC12]. Interacting [Cas12, APC+14, CvW12a, CvW12b, Fil14, LJSW11, LSR+17, LKT+16, MFB12, PFA+15, RS12, SSF+17, TD17].

Integration [MAIVAH14, AK13a, BG13, BGK15, CEZ16, CGH+11, GBN17, GM17, JH15, Kap12b, KCT15, KK14a, Pan15, Pat15, Pat17, PB13, Prai17, RMW13, TO10b, WiA11, NW16].

integrand [Per14]. Integrated [JGC+11, NBW16, Ano10a, GGI+13, GC12]. Interacting [Cas12, APC+14, CvW12a, CvW12b, Fil14, LJSW11, LSR+17, LKT+16, MFB12, PFA+15, RS12, SSF+17, TD17].

Intel [BBS14, Lya15, NBW16, RJKC16].

intelligent [LWL12].

intense [GH15, JTT11, MiH12, ´ON14, TC11b].

intense-laser-driven [MiH12].

intensities [Dan10a, Dan10b, Dan14, Dan16, Hei12, ARY17].

intensity [Dan11, MSPD12].

intensity-energy [MSPD12].

inter [HB13, KKT17].

inter-particle [KK17].

inter-polyelectrolyte [HB13].

Interacting [Cas12, APC+14, CvW12a, CvW12b, Fil14, LJSW11, LSR+17, LKT+16, MFB12, PFA+15, RS12, SSF+17, TD17].

interaction [BF16, BM13, BL14, BSC+13, CSJ+17, CL11, CUL+17, Gai17, GC12, GBD10, GC10, GC13, GC16, HRC11, ICPD16, KPST15, LB13, MPS13, NS11b, RETV12, RE12, Sar17a, Sar17b, SS14, TJH17, Yan11, ZZ15].

interactions [BB13, BHL11, CCGC13, CB16b, Cro16, ER+12, Fil13, FZY17, FN17, Gao13a, GM16, HCSW10, KMD12, Kra17, LSDD14, dRL14, Ot11, PH13, TMA+15, TRN16, TTN11, ZEI11, ZEI16, ZHPS10].

Interactive [KY14, Gio14b, MMC10, TL17, KST+14b].

interatomic [GD14].

interchangeable [ZMV+13].

interdiffusion [CHDCJA17].

interest [OK10].

interesting [MN10].

interface [ABB+14, Ano10o, BPML12, BB13b, CMM14, CSPAD10, CF16, CCHL11, DNP+12, DPW16, EWI14, FLSZ13, GMW13, GLR17, HHP+16, KDP+14, MZ14, Nov17, TM14, Uty14, WMK11, XNK+16, XD13, XHD15, ZMV+13].

interfaces [KR13, KMJS16, NPM16, PR10, RH11, ZFR11].

Facial [HLS+17].

Interfacing [MHA+12].

interference [FNPMB10].

interior [HLW16].

interlaced [CMdB11].

intermetallic [DMC+15].

intermolecular [KHKR14].

internal [BBH+10, BHH+15].

International [BCJ+11].

Internet [VDJ+11].

Internet-based [VDJ+11].

interoperating [CCdC+11].

interparticle [QLN14].

interpolated [FZY13].

Interpolation [HKJ+12, DG17b, GGG16, Jiw15b, PCGM14, RWKS15, Sok13, UNK12, XLL15].

interpretation [HLL13].

intersection [PC11].

interval [Zlo14].

intranuclear [TB14].

intrinsic [Dev12, DMC+15].

intrinsically [CRNK12].

Introducing


laser [BT17, EZBA16, FZY17, GC12, HJL+14, IB11, JTT11, LJSW11, LHJ+15, MiH12, MFS+10a, ÖN14, RETVH12, SZM+14, SBE+16, TC11b, TT11, ZYZ15, ZZ15, ZLM12].
laser-atom [FZY17, TT11].
laser-driven [HJL+14].
laser-induced [ZLM12].
laser-plasma [REtVH12].
laterally [EBCBG17].
Lattice
[BCJ+11, CDS+13b, CKCS13, LS13, SCRS17, TD17, dHGCS11, vdS10, AGH+16, BBC+11, BB+17a, BHNS17, BB13a, BW12a, BDP16, BO12, CB13a, CAN11, CS16, CBB+10, CRA10, CND11, DE13, EPS15, FDI3, FRI14a, FKH15, HLS+17, HFOFPi15, HMR14, HCH16, HbotRC15, IUM13, JLA+14, JKF14, KCP+12a, KYM+17, KAVD11, KdMvO14, LKL11, LS14, LQZ+13, LCL+11, MDW16, MOD13, MR14, MRZ10, Maz13, MGS13, NIK+12a, ON14, RETVH12, SÁM14, SBE+16, TC11b, TT11, ZYZ15, ZZ15, ZLM12].
lattice-Boltzmann [CRA10, FKH15, MOD13, Maz13, SÁM14].
lattice-Boltzmann/finite [CRA10].
lattice-switch [UA17].
launched [sLqSqL+13].
Laurent [Per14].
Lauricella [BK16b].
laws [AAD14, DJ11, MWC14, SW12b].
Lax [MWC14].
Layer
[LV15, GGI+13, GLW14, JHL+15, Ras09, Ras17, WTH15].
layered
[Bot12, CL15b, Dv11, LF12, MPSV15, PP13, VCD16].
LayerOptics
[VCD16].
layers [CB14].
LB3D [SSF+17].
leading [GLPQ11].
leagues [dSVLP13].
leap [HP14].
leap-frog [HP14].
leaning [AZM14].
learning
[BSW12, KP16, YZZ+17].
Least
[Ber16a, Ber16b, LSCZ11, Liu13, AG12a, DSP10, Kra11, LW10, Wan10b].
least-square [DSP10].
least-squares [AG12a, Kra11].
left [REBS16].
left-right [REBS16].
legacy [BCG+15].
Legendre
[MR10, MS15, SS1+10, SPS10].
Lemon [DRUE12].
length
[SBB+17, UIY11].
Lennard [FPY+17, MHR+13].
Lennard-Jones
[FPY+17].
Lennard-Jonesium [MHR+13].
LEOrbit [MP313].
LEP
[BBH+10, BB+11a].
lepton [CGV13, Mur14].
leptons [KFS+13].
less
[Ber16a, Ber16b].
Level
[Ki10, NHS15, ACD+14, BR14, BSK15, Fen12b, FE11, Feh11, FN17, Hef12, KN13, LW14a, LY16, MNPY14, OK10, SHZ13, WL11b, XHLM12, XLX+15, ZHC16, IBP+15, MFG+13].
level-of-detail
[OK10].
Level-Set [NHS15].
level/high [MVS15].
levels
[GCVA14a, Kra11, TRM+12, ZZ15].
LEVIS [PCGM14].
Levy [YZZ+17].
LHC
[UL+17, DDK+15, KSTR15, QGPL13].
LibCreme [RLL12].
LIBERI
[TO10b].
MSPD12, MCP+11, NRSVW12, PTMDPK14, RF16, RHC15, TSIM16, TIM+16, Wei12, Zlo14, vRWS14, BH14b, MPS13. low-density [HYM11].
low-dimensional [vRWS14]. Low-energy [HYM11].
low-dimensional [vRWS14]. Low-energy [HYM11].
low-frequency [MCP+11, TSIM16]. low-mass [PTMDPK14]. low-noise [BDBV12].
low-order [AGH16]. Low-rank [BK12]. Low-temperature [KGNS10].
lowest [Kol14]. LSQR [Wan10b]. LU [San15, WM13, ZSW+17b].
luminescence [PVH+17, Str15].
Maclaurin [SBvD13]. Macromolecular [CRNK12, Gio14a]. macroscopic [BS12].
MadAnalysis [CFS13]. made [YZY10]. MadGraph [ADF+15].
Madland [Rom15]. MAGE [CF16]. Magnetic [MHHL11, VCMS+13, BDK11, BUJ15, BMW14, CHW+15, CFW17, CZL+11, DOP17, DA16, Dua12, HSD17, HELF+11, KB15a, KOT12, KI10, LFG14, LR13, LR16, MDW16, MJB+10, MEG12, PBE14, PCGM14, RS12, SEW12, SW14a, SEW14, SW14b, SHNM11, Tau10, TG11, VPM12, YTYA17, YJK11]. magnetically [Ram12, SCM+16]. magnetized [BOPL17, LDF+16, MCM+12, MMB15, Ram10, sX14, Yan09].
magneto-optical [CCL15, OCL+13]. magnetohydrodynamic [SNB11, TYH+15, WWFT11, WAW14, WWM14, YTYA17, ZD15].
magnetohydrodynamics [CGM17, Ein16b, QM10, QA13a].
ManeParse [CGO17]. manifest [REBS16]. manifolds [DS13c].
Many [BRH+16, GBJ+13, GBJ+15, BBC+13b, FCVH17, FLW17, GBJ+10, GBJ+12, GBFJ14, HLZ+13, JOK13, JDG12, KPS15, Men11, Mül14c, PMMW15, PBS+17, RJK16, ZC12, NBW16].
Markov \cite{EBDM17, KSW15, LN16}. Markovian \cite{CF17, JPS10, ZF15, dSVLP13}. marriage \cite{WCT11}. Martini \cite{dJBIM16}.

mass \cite{AHK12, BBC11, BO12, CGV13, CKCS13, HKZN17, HP17, HHC16, LS13, NGCI12, PTMDPK14, Sal16, SVG10, SAE16, Ros16}.

mass-preserving \cite{Sal16}.

mass-transfer \cite{NGCI12}.

masses \cite{AKH12, AMRdA17, BGM14, BBC11, CGH11, SS12, YdDH12}.

Massive \cite{BH13, WAHL13, ABB16, BBF13, OLG16}. Massively \cite{BPB17, DBDP12, GJB11, KBB17, Sus12, YdDH12}.

Massive \cite{AHK12, BBC11, BO12, CGV13, CKCS13, HKZN17, HP17, HHC16, LS13, NGCI12, PTMDPK14, Sal16, SVG10, SAE16, Ros16}.

mass-preserving \cite{Sal16}.

mass-transfer \cite{NGCI12}.

masses \cite{AKH12, AMRdA17, BGM14, BBC11, CGH11, SS12, YdDH12}.

Massive \cite{BH13, WAHL13, ABB16, BBF13, OLG16}. Massively \cite{BPB17, DBDP12, GJB11, KBB17, Sus12, YdDH12}.

Massive \cite{AHK12, BBC11, BO12, CGV13, CKCS13, HKZN17, HP17, HHC16, LS13, NGCI12, PTMDPK14, Sal16, SVG10, SAE16, Ros16}.

mass-preserving \cite{Sal16}.

mass-transfer \cite{NGCI12}.

masses \cite{AKH12, AMRdA17, BGM14, BBC11, CGH11, SS12, YdDH12}.

Massive \cite{BH13, WAHL13, ABB16, BBF13, OLG16}. Massively \cite{BPB17, DBDP12, GJB11, KBB17, Sus12, YdDH12}.

Massive \cite{AHK12, BBC11, BO12, CGV13, CKCS13, HKZN17, HP17, HHC16, LS13, NGCI12, PTMDPK14, Sal16, SVG10, SAE16, Ros16}.

mass-preserving \cite{Sal16}.

mass-transfer \cite{NGCI12}.

masses \cite{AKH12, AMRdA17, BGM14, BBC11, CGH11, SS12, YdDH12}.

Massive \cite{BH13, WAHL13, ABB16, BBF13, OLG16}. Massively \cite{BPB17, DBDP12, GJB11, KBB17, Sus12, YdDH12}.

Massive \cite{AHK12, BBC11, BO12, CGV13, CKCS13, HKZN17, HP17, HHC16, LS13, NGCI12, PTMDPK14, Sal16, SVG10, SAE16, Ros16}.

mass-preserving \cite{Sal16}.

mass-transfer \cite{NGCI12}.

masses \cite{AKH12, AMRdA17, BGM14, BBC11, CGH11, SS12, YdDH12}.

Massive \cite{BH13, WAHL13, ABB16, BBF13, OLG16}. Massively \cite{BPB17, DBDP12, GJB11, KBB17, Sus12, YdDH12}.

Massive \cite{AHK12, BBC11, BO12, CGV13, CKCS13, HKZN17, HP17, HHC16, LS13, NGCI12, PTMDPK14, Sal16, SVG10, SAE16, Ros16}.

mass-preserving \cite{Sal16}.

mass-transfer \cite{NGCI12}.

masses \cite{AKH12, AMRdA17, BGM14, BBC11, CGH11, SS12, YdDH12}.

Massive \cite{BH13, WAHL13, ABB16, BBF13, OLG16}. Massively \cite{BPB17, DBDP12, GJB11, KBB17, Sus12, YdDH12}.

Massive \cite{AHK12, BBC11, BO12, CGV13, CKCS13, HKZN17, HP17, HHC16, LS13, NGCI12, PTMDPK14, Sal16, SVG10, SAE16, Ros16}.

mass-preserving \cite{Sal16}.

mass-transfer \cite{NGCI12}.

masses \cite{AKH12, AMRdA17, BGM14, BBC11, CGH11, SS12, YdDH12}.

Massive \cite{BH13, WAHL13, ABB16, BBF13, OLG16}. Massively \cite{BPB17, DBDP12, GJB11, KBB17, Sus12, YdDH12}.

Massive \cite{AHK12, BBC11, BO12, CGV13, CKCS13, HKZN17, HP17, HHC16, LS13, NGCI12, PTMDPK14, Sal16, SVG10, SAE16, Ros16}.

mass-preserving \cite{Sal16}.

mass-transfer \cite{NGCI12}.

masses \cite{AKH12, AMRdA17, BGM14, BBC11, CGH11, SS12, YdDH12}.

Massive \cite{BH13, WAHL13, ABB16, BBF13, OLG16}. Massively \cite{BPB17, DBDP12, GJB11, KBB17, Sus12, YdDH12}.

Massive \cite{AHK12, BBC11, BO12, CGV13, CKCS13, HKZN17, HP17, HHC16, LS13, NGCI12, PTMDPK14, Sal16, SVG10, SAE16, Ros16}.

mass-preserving \cite{Sal16}.

mass-transfer \cite{NGCI12}.

masses \cite{AKH12, AMRdA17, BGM14, BBC11, CGH11, SS12, YdDH12}.

Massive \cite{BH13, WAHL13, ABB16, BBF13, OLG16}. Massively \cite{BPB17, DBDP12, GJB11, KBB17, Sus12, YdDH12}.

Massive \cite{AHK12, BBC11, BO12, CGV13, CKCS13, HKZN17, HP17, HHC16, LS13, NGCI12, PTMDPK14, Sal16, SVG10, SAE16, Ros16}.

mass-preserving \cite{Sal16}.
MCgrid [BHS15, DHS14]. MCMC
[BG13b, BLG14, Bon15, Bon16, VPMVH+17]. MCNP [Car10a, Car10b].
MCNP5 [SMCB+15]. MCNPX [LL15]. MCPL [KKK+17, mcsanc
[BS13b], mcsanc-v1.01 [BS13b], MD [FMRP16, BBH+17]. MDMC
[BG14a]. MEAM [DFM+15]. MEAMfit [DFM+15, Duf16]. Mean
[LS15b, BG11, DPB16, EPB+16, NPVR14, QJF16, UW12, dB14].
mean-field [BG11, DPB16, NPVR14, QJF16, dB14]. mean-square
[LL12]. means [ACMM10]. measured
[Kon11, Sco13]. measurement [AK13b, BJM15, CDSG11, PR13].
measurements [EBDM17, ERPDFS15, FBHB17, RF10, SW12b, WLM14].
measures [HLL13, RLL12]. measuring
[ICPD16]. Mechanical
[Voy13, AMM11, AYDY11, DGMZ15, LV13, RC11, SZ15, Sin11, Sin12a].
Mechanics
[LSJ13, KV10a, OML11, ORCR17, PGO17, RK11, RU12, STT11, ZF15].
Mechanism
[GAGW16, BUJ15, BNAB11, CHDF10, CGV13, ÇOSÜ11, JHJG14, YZZ+17].
mechanisms [CFR15, GAGW16]. Mechanistic [ORS+14]. media
[BJ11, EZBA16, HSF+15, MPM14, MAIAVH14, OP12, SGNL17, Ser10, TMD11, Zol14, vMB14]. mediated
[HS12]. medium [IB11, PP13, SM14]. Meep [ORI+10]. MEKS
[GLS+13]. membrane [CZN14, FPY+17]. membranes
[DC14]. memetic [VHP+15]. Memory
[MR14, BKS15, CL15b, DGMZ15, DKG+14, IW15, LP15, LL15, MD11a, NS11b, NFS15, OLG+16, WMR17]. memory-mapped
[LL15]. MEMPSODE [VPP+12, VHP+15]. Mercedes
[HD+12, SBPN15]. merge
[FMF15]. merging
[LTP16, VGM+15, XLL13]. MESA
[GWM13]. MESAFace [GWM13]. Mesh
[HS14a, AKW+16, BCH11, BKPT12, FXZ+14, GX15, HCC14, JG16, JFC12, KC14, KYKN15a, KYKN15b, LJKW11, LWRQ16, McM17, RHBH15a, RHBH15b, UBRT10, VLM11, ZD15].
mesh-free [McM17]. meshes
[ASGLK10, AK15, FXZ+14, LA13, YWX11]. meshing
[ZPH+15]. meshless
[DG10b, MM12, QLN14, SW14c, SD10b, XLL15]. meson
[BBC+11, CWW15, YWW13]. mesoscale
[WSH+14]. Mesoscopic
[SS11c, WJHW14]. message
[TSTT13]. message-passing
[TSTT13]. meta
[GSZ13]. meta-GGA
[GSZ13]. Metadata
[RSSH+10]. Metadyn
[HS16]. metadynamics
[BPMIL12, HS16]. METAGUI
[BPMIL12, GLR17]. metaheuristic
[CNM10b]. metal
[FSJ+16, BBH+17]. metallic
[HKF+12, HIL16, LLHC11, ZLLP17]. metals
[BT17, KOK17, PSP16]. metamagnetic
d[SFdFF13]. metamaterials
[RHW+12]. Metamodelling
[ZKS13]. metaphor
[DMH16]. metastable
[BVC13, ES16]. METATOY
[LHC+12]. METHESIS
[RF16]. Method
[BUJ15, EW16, Les16, TGH+16, AM14a, AM14b, ARYT17, AS11b, ADdM16b, ASS13, ABDR17, AG12a, AAJA14, BOPL17, BBL+13, BM13, BF16, BBB+17a, BK11a, BH14b, BH16, BW12b, BR14, Bis15, BH11, BMW14, BCM+16, BMNS14, BPM16, BIT12, BHND16, BENK+17, CL15a,
CB13b, CAN11, CSPAD10, CZS10, CL10, CLJ12, CW13, CTL15, CW16, 
CS17, CSL+13, CJKK+13, CB15d, CvW12a, CvW12b, Cor14, Cou13a, 
Cnn13b, CNS+14, DZ15, DT10, DG10b, DT11a, DM17, Den10, DKSG16, 
DA16, DMC10, DCGG13, DBL16, DFM+15, Duf16, DO14a, DO14b, 
EBCB+14, ELDS14, EKK14, FGMG11, FS17, Fen12b, FK12, FNPMB10, 
FBN+13, FPP+17, FN17, GC12, GZL14, GML15, GBP13, GA15, GA10, 
GYW+10, GB17, HE13, HV15, Ham11, HC16, HLLH16, HSD17, HKvH16, 
HZD14, HHC+10, HWW12, HLLW16, HP11, Ixa10, Ixa12, Jia10]. method 
[Jan10, JK14, JWCF17, rJmYT11, JOR+12, JGAL+13, JLW13, JPM12, 
Jk13, JU17, KMS14, KKK13, KU10, Kap12a, Kap12b, KKKG+15, Ki10, KO14a, 
KL11, KN13, Koh15, KMD11, KAS12, KPD15, Kra10, KZ14, KMI15, 
KR14, KW12, KOK17, LLHC11, LX12, LM16, LLG17, LHZJ10, 
LSCZ11, LCCCI11, LHC+13, LST15, LLMW17, LJWK11, LHH+12b, Lin13, 
LSK+13, LTP+17, Lin11, Liu13, LLZ+17, LLX14a, MCFW15, MD11a, MiH12, 
MIW+12, MSPD12, MRZ10, MC12, MBFB13, MK10, MM10, MM12, 
MFG+13, MSR+17, MBBG15, MBFD12, NPM16, NSWY15, NZQL14, NS15, 
NQA16, Nis11, NMS14, OYK+14, OPO+11, OPSR13, OPR14, ORW+10, 
OT11, PSBT12, PSS11, PS14, PDRG10, PR13, PBMD12, Pit12, PS11, 
PS16, PB16, QM10, QYM11, QA13a, QDZ+13, Qia10, QwWL+15, QL14, 
Ram10, RVA14, RCCT16, Rac9, Rac17, Raw15, Raw16]. method 
[RVD16, RLS16, RMS+12, RH17, RTA10, Sal16, San15, SW13a, Sch14a, 
SEW12, SEW14, SW14b, SSF+17, SNB11, SCS12, SDS15, SD14, Ser10, 
SW14c, SD10b, SS13b, SA15b, Sie16, SMdON14, SHL+11, SBvD13, SS10b, 
SCG11, SDL+16, SKSK13, SL14, Sza13b, Sa13a, Sza16, TSM16, TD14, 
TZM17, TT11, TFBW14, TC11b, TKP15, TY10, Tia11, T11, TW15, 
TDL+14, UO15b, UO15a, VdLF14, VK14, Wan10a, WX11, WLZM12, WZ13, 
WM13, WX14, WN10, WP10b, XZ12, XLL15, XLX+15, XD16, Yam16, 
YLO13, YBNY13, YTYA17, YQM12, YQM14, ZAH10, ZHF14, ZHPS10, 
ZOZ13, ZSW+17b, ZWLZ17, ZX10, ZS13, ZC12, ZST11, vdSM16, CC10b, 
CC12, EW14b, EEG12]. 

[Dan10a, Dan10b]. **Modeling** [CLW11, wH15, TJH17, AD11, BOPL17, Bar11b, BMNS14, CSJ+17, CL11, CFFR15, Dan12, EZL+16, EKK14, FZY17, Gai17, GGI+13, HV15, Hak16, HCHW11, IP14, JGC+11, KEH12, KPA13, KM10, KRBl5, KMIJ16, KGNS10, Lan13, LZZL10, LHH+12b, LTL+12, MPS13, NGCI+12, OP12, PBF+16, PE17, Ram10, Ram12, RA11, RTA10, SGNL17, SLC11, SN16, SHL+11, Sol11, SCG11, Sva12, TKP12, Uty14, VBMS17, VCD16, VGVPL17, XHLM12, ZE11, ZE16]. **Modelling** [AGB+15, CC16, HdM16, IBKK11, Ano10n, HKF+12, MDPTK15, MRSD15, MSML10, OBH10, ORS+14, Org15, RF15, RLMGM+11, TN11, Van15]. **Models** [Rei11, Rei12, AS11a, AABC+13, AG12a, AH13, AhPSV15, AC15, AC16, BW16, BBC+13a, BR13, BKMI11, CE CCS16, DCM+12, DNPS13, ELDS14, Fw11, FI13, FD13, Fuh15, HLL13, HvWT17, HCH16, HVMR10, HKVR10, KO14b, KO16, KST+14b, KTA12, LLMW17, MLGVE14, Mur14, NHS14, NAQ16, PS12, QA13b, RK11, SLZ16, SH16, SOPS12, Sus17b, TSTT13, TVZ+15, WG12, Wan16, Wei11b, XLX+15, dllRAPL11]. **Modern** [HdM16, BS14a, CDSG11, Ein16b, HBL+13, RK11]. **modes** [ALSW14, CS17, HSK+12]. **Modified** [LYL+17, NIK+12a, BKN+17, DFM+15, Duf16, FZY13, GSZ13, Jiw15b, KMS14, MS15, Ras09, Ras17, SMJ17, SBvD13]. **Modular** [CFW17, Sin11, Sin12a, DLGP10, FWS+17, KP16, KSH14, Kro16, TCK+15, Zag14]. **modules** [AAB+10a]. **moduli** [Bog16]. **MOLDY** [ADD+11]. **Molecular** [AS16, DLGP10, Fil14, FFIH11, GM11, HLZ+13, LS17a, MTSI11, MKB+11, Ngu17, SBPN15, TD17, ZS13, Zhe15, ADD+11, Bar11a, Bar12a, BBH11b, BPML12, BKSI5, Bin13, BG13a, BG14a, BWPT11, BKPT12, BY13, BCG+15, BBV+16, CMM14, CXH+15, Col14, DEW16, DES+11, DRR15, ESM17, FSH13, FCVH17, FRG12, FP14, Gio14b, GLR17, GNA+15, GRR+14, GJHF14, HST+11, HYNI11, HXW+13, HAN+16, HBB+17, HWL+17, HVMR10, HKVR10, HDM+12, JWL13, JPH+14, JTT11, KJS16, KST14a, KPA13, KDM11, Kon11, KS15, LGW13, LS12b, LHZ11, LK15, LLZ+17, LRR+17, MDW16, MGRB11, MM17, Miu11, MSH11, NBW16, NFA+16, NPAG11, iNSK+15, OKM12, OYK+14, PLCC12, Rap11, Rei11, Rei12, Sco13, SOM+13, SC16a, SMO16b, SCM14, SCM13, SAG13, SA14, TS11, VBG+10, VK14, WSI13, YK12, ZBG+16, ZPH+15, dBCH14]. **molecular-continuum** [NFA+16]. **molecular-dynamics** [HYNI11, MSH11]. **molecular-hydrogen** [BKS15]. **molecule** [CNMC10a, CNMC10b, EY11, EBDM17, Faw10, JLSW11, WG16a]. **molecule-fixed** [CNMC10a, CNMC10b]. **molecules** [BRH+16, CRNK12, DVB11, FS17, GNT17, Kob13, LRR+15, PZY16, TC11b, WFM14, Yan11, YLTS16, ZYZ15, ZZ15, ZMCT12]. **molgw** [BRH+16]. **Møller** [KK14a, KBb+17]. **MolSOC** [CL14]. **moment** [KKG+15, LLX14a, MMA15]. **moment-independent** [LLX14a]. **momenta** [AC16]. **moments** [MSR+17, RE12]. **Momentum** [HHC+10, BAK+15,
BAK+16, BAK+17, DSM+11, EUT+15, HKJ+12, MMT+11, Trö11, Wei99].
Momentum-time [HHC+10]. monolayer [OCL+13]. monopolar
[ZDWY10]. monosized [AYDY11]. monotonic [SC15]. monotonically
[HRC11]. Monte
[AIG16, HKZN17, JPSS10, MBRV+13, NSXZ14, OPO+11, OPSR13, TDL+14,
WLZN17, ZTG14, ZDD+13, AFIS12, ASGLK10, AK15, ABB+14, ASPDL+16,
Ano10o, AK13a, AK13b, BKV16, Bar11a, Bar12a, BDP16, BVP10, BG11,
BMW14, BG13b, BLG14, Bon15, Bon16, BENK+17, CL11, CL15b, CKS10,
CNS+14, CI11, DSHS17, DGPW11, DPK+15, Dem11, DDKM15, DKT14,
EBDM17, ES11, FGGM11, FW11, FDWC12, GA15, Gin10, GSB+14, GWF+11,
GB17, HBE10, HMR14, HWM+15, IUM13, JLA+14, KOT12, KEH12,
Kan14, KRW13, KC14, KKK+17, KNS+17, KSW15, KPVvdH13, LS14,
LS13a, LS13b, LWL11, Lu15, MP11, MRZ10, MEM+11, MW14, MHR+13,
NPA11, NHD16, NM14, OPR14, PM14, RF16, RMS+12, RV10, RV11, SI11,
SGNL17, SFP11, SL16, SMJ17, SD14, SKFP16, SLZ16, SSF+14, SKM15].
Monte Carlo [SKSK13, TZG12, TVZ+15, Tic10, Tic14, TKP12, TU14, Trö11,
UA17, VK14, WRS15, WDL11, WSTP15, WvSL13, WT12, WWB11,
ZBG+16, ZLM12, ZTG13, dHGCS11]. Monte-Carlo
[DPK+15, LS15a]. MonteCUBES [BFM10]. MonteGrappa
[TVZ+15]. monteswitch [UA17]. MoRiBS
[ZBG+16]. MoRiBS-PIMC [ZBG+16]. morphing [ZF15].
Morphological 
[MS11]. morphologies [Bar11b]. morphology [PR10].
Moshinsky [XMLC16]. most [BS14a]. motile [HPKF15].
Motion [KB15a, BMG+15, HH11a]. Motion 4D
[MG10b, Müll11b, Müll14b]. Motion4D-library
[MG10b, Müll11b, Müll14b]. motors [SKM15]. moves
[RV10]. Moving [YJK11, AKKK16, JvOK17, KS16a, LP15, NH5Y15]. MP2
[KK14a]. MPBEC [VPM16]. MPI [ARYT17, BW12a, BCM+16, BTC+17,
DRUE12, EZBA16, Hin11, OLG+16, OKM12, TKP15, WAW14, YHL11].
MPI-based [OLG+16]. MPI-driven [Hin11]. MPI/GPU
[EBZA16]. MPI/GPU-code [EBZA16]. MPL
[Bog16]. MPLS [NHS15]. MPPhys
[Mu11c]. MPS [SIMGCP14, NHS14, SIMGCP13]. mr [KPV16]. MRT
[vdS10]. ms [DES+11]. ms 2 [GRR+14]. 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 [HHP+14]. muffin [LZP12].
muffin-tin [LZP12]. Multi
[BFPP12, BBS14, BVP10, BMW14, CZS10, ELDS14, FBN+13, HDZ14,
IBP+15, KO13, Kom15b, KSW15, Liu14, MKR+12, MRS15, OP12, PP13,
SW14b, TPC16, UBR10, ZST11, ZMV+13, ASS13, AZM14, BBU11,
BBUY13, BBB+17a, BT17, BAR12b, BCH13, BHJ+15, Bh15, Cap13, CC15,
CL15b, DKG+14, DE13, DCBV+13, DO14a, Er14, FSJ+16, DRI+16,
HLS+17, HWT10, JK14, JXTS16, KPA13, KO12, KO14b, Kom15a, Kom15c,
KO16, LS12a, LHZ11, LY16, LB15, LRP13, MMA15, NNWS15, NHD16,
NAQ16, Pål12, PR14, PC11, QSC14, QwWL+15, Sch14a, SV13, SGW17,
SLR+11, SC16b, TRM+12, TD14, TDL+14, Vuk12, WSH+12, WAW14, xX14,

Newtonian [BHNS17, RJLL16]. Next
[AAT+14, AMRdA17, GLPQ11, PLF+17, DET12]. next-generation
[PLF+17]. Next-to-minimal [AAT+14, AMRdA17, DET12].
next-to-next-to-leading [GLPQ11]. Nexus [Kro16]. NF [YE14a].
NF-package [YE14a], NLH [BBU11]. ngrav [Cro16]. Ni
Ninja [Per14], NiTi [NS11b]. nitride [Yan11]. nitrogen
[CHC+11, LJSW11]. Nix [Rom15]. NLO
[BDC+14, BCG+13, BS13b, GHvSF14, Pit10]. NLS [ILsZ14]. NLE
[Cop13]. NMSDECAY [DET12]. NMSSM [AM11, BGM+14, SAE+16].
NMSSMcalc [BG+14]. NNLO [HLM17, BHZ13]. nlo-Higgs
[CTL15, NZQL14, SC16b]. node-centered [SC16b]. nodes [Sch14b]. noise
[BCS10, BDBV12, CC10a, Er14, HH11b, KS16b, MW12]. noises [IT11].
nosy [QHC+10]. no loco [NPAD11]. Non
[FW11, Jal10, WL11b, AAD13, BHNS17, BL14, BDP16, BW12b, Bla15,
BH13, BPS+16, BGM+15, CLW11, DBJ11, DJ11, EW16, FR15, HWS16, HHM+15,
JBKM15, JU17, KS15, LMRC15, LA13, LS15b, LFG14, OILK17,
PLF+17, PBF+16, PB+15, SK15, SCLW16, SC15, SS11b, SLEF17, TDL+14,
UNK12, USOA13, Wit14, YQM12, YQM14, ZDWM17, dSFdFF13, dSVLP13].
non-aligned [HWS16]. non-autonomous [Blu15]. 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, PBF+16, SC15, dSFdFF13].
non-Hermitian [BW12b]. non-ideal [TDL+14]. non-inertial [SS11b].
non-intrusive [HHM+15]. non-isothermal [PBF+16]. non-linear
[FR15, SLEF17]. non-Markovian [dSVLP13]. non-Newtonian [BHNS17].
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 [BGM+15]. non-staggered
[DJ11, SCLW16]. non-transferred [CLW11]. non-uniform
[BDP16, KS15, LA13, LFG14, Wit14, YQM12, YQM14]. nonadiabatic
[SOM+13]. non-central [GST15]. nonclassical [Shi16]. nonequilibrium
[KH10, MDF11]. Nonextensive [Fri14a]. nonhydrostatic [BB12].
Nonlinear [Asi10, BAR12b, Cap13, AAD13, ABB13, BSM13, CWS14,
CB13b, CSZ10, DG10a, DT10, DS10, DT11a, DM17, Dem13, DZ13, DBLF16,
Er14, GAO13b, Jan10, Kau13, KL11, LD10a, LWL12, LST15, LLL12, Lin13,
LLL13, sL10, MD11a, MFM15, Moh14, ICD13, PDRG10, PT12, QSC14,
RM10a, SW14c, SK14, SB11, SS10b, TD14, TJH17, WP10a, XZ12, YÇÖ15,
ZAHA10, ZWLZ17, ZLL13, ZW15, ZST11, Ziò14, dHV10]. nonlinearity
[SB11]. nonlinearly [CC14, CC15]. nonlocal [LAA+10, LLMW17, TRN16].
nonresonant [Shi16]. nonuniform [ZNT15]. nonzero [BBF+10]. norm
[LWW10]. normal [AG12a, BCJW13]. normalization [MZE13]. NORSE
optics [Dem13, SWS12]. Optimal
[FBHB17, CNMC10b, DJ14, FSF11, Hoh14a, MFS10a, PSBT12, XLL15]. optimality [KL14]. optimisation [HdM16]. Optimised
[IZRT15, RWS15, Wei12]. Optimising [Rei10]. Optimization
[BS14b, DF14, DCGG13, FGR14, MCY16, SG15, ACDs13, AZM14, BS15a, BR11, BPS16, CM10b, CLH17, CJJ17, DBJ11, FSJ16, DRI16, GWF16, GD14, Has11, HWL17, HJL14, HVM10, HKVR10, KPA13, KKP11, KHKR14, Kra11, KLV15, KL14, LHL16, LCRL10, MR14, MBGV15, PCVZ11, QwWL15, RMS12, RLL12, SWL15, SZZ14, SKH10, TTT16, VvAV11a, VPP12, VHP15, WLZN17, XLCW14, YZZ17, ZBM11, ZPr16, Zhi14, vRWS14, PE17]. Optimizations [iSYS12, WRFS15]. optimize [TVZ15]. Optimized
[Cha16, CF17, DRR16, HLLH16, LBJ16, MAIVH14, Smi16, BD10, CNMC10a, FDWC12, KD17, KAS12, LWC14, LW16, LB15, SEW12, SEW14, TVT16]. Optimizing
[BDBV12, CL14, HSK12, Nis11, PCGM14, RE12, WX14, MPS13]. Orbit-based
[BDBV12]. orbit-following [HSK12]. orbital
[CM15, CXH15, Cor14, FGR14, HHS10, KT12, KST14a, KAS12, MSS16, PS14, QwWL15, SGW17]. orbital-free
[AAD13, AAD14, Abd15, AGH16, AH13, ACDm12a, ACDm14, ACDm15, ACDm15, BBL13, BKV16, BK16a, BVC13, BIT12, CFMR10, Cap13, CD15, Cha16, CD12, CR12, DJ11, DZ13, DMN16, FG13, GLPQ11, GGHH14, GJ14, GA10, GPS13, HZ11, KMS14, KO14a, KBB17, Koh15, Kol14, LX12, LV15, LWZ14, LST15, LLKX16, LSZ14, LW14b, MC16, MD10b, MO14, NS15, NO12, PTK15, PVK17, PM13, Qia10, RL10, RHW12, Sch14b, SR12, SSH13, SS13b, SA15b, SC16b, SB11, Sok13, SS10b, THDS16, TY10, Tia11, VDF15, VV16, WWS10, WDR16, WC13, WP10b, WWR16, WYSW10, WT15, XYK12, Zag14, ZD15, ZFH14, ZNT15, vH10, DBLF16]. ordering [ZHS13]. Ordinary
[NO12, ACDm12a, ACDm15, ACDm15, FBHB17, MZE13, RBB15, WT15]. ordinate [ELDS14]. organic [HGCA15]. Organization [SA15a]. orientational [WDR16]. Oriented
[CF16, FCC15, As14, BFD11, CB15a, CB17, CDMC11, CJ12, CFFR15, DM12, HHP16, KMS16, OKM12, SL16, WLG13, WP10a, Zag14]. Orthogonal
[Ser17, USOA13]. orthogonalization [BC10]. oscillating


Package [EFG+10, ADD+11, AKZ+13, ASPDL+16, AG14, AdM+12b, AdM14, AC15, Aza13, BBU11, BGM+14, BK13b, BB3a, BSGG10, BHH+10, BHW+12, BBH+15, CDdM14, CFSS14, CKK+13, CMS17, Dep17, Des16, DSS+12, DF11b, Eks11, FRW17, FF11, FEH11, GST15, GLMG12, GJA+16, HBL+13, HEB12, HR11, HHP+14, HLZ+13, HM10, IIO16, JGB+13, KST+14b, KPS15, LM16, LRR+15, LL15, LSK+14, MB12, MWCY14, MZE13, Müll14c, Naz12, NS10, NS11a, NSXZ14, Nut14, ORI+10, Pat15, Pat17, PCEH15, RRCSC10, Ros16, SS12, SL17, SN+11, Sem16, SM14, SQS+16, SSH16, SIt14a, SIt14b, SIt16, SAHP15, SLR16, TS10, UA17, Var16, VJC12, WW14, WL11a, WCL14, Wei15, XNK+16, YE14a, YE14b, ZSC15, Zit11, vH10, BH14a, Pat15, Pat17, Sht17]. Package-X [Pat15, Pat17, Sht17].


Para-AMR [GX15]. parabolic
[AAD13, BB10, GN14, HC16, NO14, OAKS11, PR13, RS12]. paradigm [CKhN11]. Parallel [APC+14, Bab14, BC11, CLH+17, CL15b, CRA10, EKDGG15, FFT+14, GGI+13, GMF+17, GSMK17, HvAS+13, HCSW10, JKIS16, KPPC13, LBM+14, LKL11, LT15, Mau16, NCH15, NZQL14, PIH11, QLE16, RRSC10, RD10, SD15, TSK+17, TSTT13, US16, VHP+15, WC10, YRR13, ZPH+15, ZHC16, BMC+11b, BS13a, BS14a, BPB+17, BJCW13, Boe14, BCM+16, BHND16, BENK+17, CPR12, CUL+17, CDR+15, DBDP12, DSS+12, DRUE12, FZ16, FZY17, GS15, Gai17, GP13, GWF+16, GS17b, GS17a, GD14, GB14, GX15, HAV+14, HFOPF15, HBH+17, HCHW11, JEPF14, JHL+15, KD17, KBB+17, LAA+10, LSG+12, LHH+12b, LHH+12a, LS12b, LHZ11, LW14c, LW16, MDW16, MW+13, MM17, MCA17, MSI+10, MGR16, NOR15, NFA+16, NPAG11, Ngu17, NM14, NFS15, PH13, PR13, RS12]. paradigm [CKhN11]. Parallel [APC+14, Bab14, BC11, CLH+17, CL15b, CRA10, EKDGG15, FFT+14, GGI+13, GMF+17, GSMK17, HvAS+13, HCSW10, JKIS16, KPPC13, LBM+14, LKL11, LT15, Mau16, NCH15, NZQL14, PIH11, QLE16, RRSC10, RD10, SD15, TSK+17, TSTT13, US16, VHP+15, WC10, YRR13, ZPH+15, ZHC16, BMC+11b, BS13a, BS14a, BPB+17, BJCW13, Boe14, BCM+16, BHND16, BENK+17, CPR12, CUL+17, CDR+15, DBDP12, DSS+12, DRUE12, FZ16, FZY17, GS15, Gai17, GP13, GWF+16, GS17b, GS17a, GD14, GB14, GX15, HAV+14, HFOPF15, HBH+17, HCHW11, JEPF14, JHL+15, KD17, KBB+17, LAA+10, LSG+12, LHH+12b, LHH+12a, LS12b, LHZ11, LW14c, LW16, MDW16, MW+13, MM17, MCA17, MSI+10, MGR16, NOR15, NFA+16, NPAG11, Ngu17, NM14, NFS15,
perturbations [LMRC15, Tic14].
perturbative [WL11b]. perturbed
[Bla15, FMW10, GN14, Wu10, YWYF09, YZZ11]. petabyte [Ano11o].
PETAFLOP [BBF+13]. Petascale
[OYK+14, YBNY13, CBGY17, SKSK13, VCMS+13]. petascaling [SSS+11].
PGAS [TSTT13]. Phase
[DVB11, JC16, KV10b, LLSK17, Ots11, Raw15, WJHW14, XHLM12, YLO13, AKR15, BMW14, BS12, CZD15, CHW+15, CMR17, Evs14, FFHI11, GTS14, GZW17, GLW14, GX15, Hon10, Ki10, KSW15, KS15, Liu15b, MRS15, MSHLS15, MSHL17, NS15, ÖKC11, PS14, QDZ+13, Raw16, Sie16, SJW10, TKP15, VDF15, Wai12, YLK10, ZAFAM16, vdSM16].
Phase-Amplitude [Raw15, Raw16]. phase-covariant [BS12].
Phase-field [LLSK17, CZD15, GZW17, TKP15, YLK10]. Phase-fitted [KV10b, PS14].
[BFD+11, RJKC16, Lya15, MSS+14, SBE+16]. phone [Sal12]. Phonon
PHOTOS [DPW16]. photovoltaic [CLH+17, RF15]. Phys
[Ber16a, ERS10c, KYKN15a, LR16, Nat10, Ras17, RC16, RHBB15a, SGM11a, Sco13, SIMGC14, YQM14, ZTG14]. Physalis [Sie16]. physical
[AABC+13, LCH11, MD11a, RKVL14, Sni14, ZF15]. physicist [Hah12].
Physics
[AA+11b, Ano10a, Ano11b, Ano12a, Ano13a, Ano15a, Ano16a, DS13c, Ram10, Wu10, ADF+15, Ano10n, AM10, AM11, DKSK10, BCP13, CB15a, CB17, Che11, CKhN11, DGPW11, DNP+12, DPW16, Des16, DDK+15, ELL+17a, DRT+16, JPCG15, JEC+12, KV10a, LPBHI11, Müll14c, ONS+15, QGLP13, Sha13b, Sha16, SLR+11, Veb12, Wie15, ZWLZ17, ZMV+13]. PI
[CMM14]. PIC [FK12, GV15, HTJ+16, KS16b, LYX+17, LTP16, SBL16, VGM+15, XYM+13, YXD+15]. PIC/MC/Vlasov [FK12]. PIC/MCC
[SBL16]. PICPANTHER [KKG+15]. Picture
[BF16, BM13]. PID
[OCF10]. piecewise [IH11, LV10]. piecewise-linearized [IH11]. PIMC
[ZBG+16]. pinning [HBS+11, JWC13]. pipe [Qia16]. pipeline
[EC1+10]. pipelines [WFS+17, MSI+10]. pipes [DMC10]. PISO [SQA+15]. PISO-like
[SQA+15]. Pitaevskii
[ABB13, AD14, AD15, ABDR17, CR13, KYSV+15, LBB+16, LYSS+16, MGL13, MGL16, SSB+16, VDAH16, VVB+12, YSVM+16]. **pitch** [HJ14]. **pitch-angle** [HJ14]. **placement** [NZQL14]. **planar** [Aza13, BP12, BH13, MTE17, XD13]. **Planck** [Fuh15, JSLM16, KBSP12, PG17, SLEF17]. **Plane** [MBF+10, AM14b, ACDdM14, DKSG16, GMF+17, HK15, JCW+13, JGAL+13, KAW+10, LT15, MED11, MS11, PDC14]. **Plane-wave** [MBF+10, LT15, MED11]. **planet** [HTT13, HTT14]. **planewave** [CSPAD10, PBMAD12]. **planning** [CLH+17]. **plasma** [AAJA14, BMU11, BRL12, CLW11, CHH+11, Evs14, FRFH10, HKF+12, HO13, HBP14, Hon10, Hsu11b, KYKN15a, KYKN15b, KTE+12, KMD12, KRB15, KSYY13, LDR+17, LHH+12b, LHH+12a, LDF+16, MPS13, MLGVE14, MKU+12, SCM+16, ML14, MMA15, MS11, NNWS15, PYW+14, PBD+15, PDJ10, Ram10, REtVH12, SLR+11, SLEF17, SBE+16, THDH14, sX14, XYM+13, Yan09]. **plasmas** [BSM13, BT17, BDBV12, BS11b, CHH+11, DOP17, FR15, GB14, HKJ+12, HAK+14, KGG+16, LH11, LRK13, OILK17, PMS+17, RF16, SS14, SCM+16, VBC+12]. **plasmonic** [HT12]. **Plasmonics** [WTH15]. **plate** [AABC+13, HTJ+16, RDP14, Sal12, ZZH+16]. **platelet** [ZZG+16]. **platform** [AABC+13, HTJ+16, RDP14, Sal12, ZZH+16]. **platforms** [LHZ11, PNL13, TKP15]. **PLATYPUS** [DT11b]. **Plesset** [KK14a, KBB+17]. **plot** [Liu15b]. **plugin** [SBB+17]. **PLUMED** [Gio14b, TBB+14]. **PLUMED-GUI** [Gio14b]. **PML** [DV11]. **POINCARÉ** [MZE13]. **point** [BMU11, BH13, CS10, CH11b, DG10b, DMC+15, KK16a, MDGC+12, NFI17, Nik12b, PPY14, Pra11, SGM11a, SGM11b, TTTG11, dSFdFF13]. **point-transition** [NFI17]. **points** [Fis12, NO12]. **Poisson** [CM14a, RC16, Bot13, BC11, CDBM16, CB16b, Dua10, DGG13, GBN17, GJ13, HCSW10, JLW13, LCHM10, LCHM13, LCRL10, Miy15, Qia16, Qia17, RC13, VLPPM14, ZPvR16]. **polar** [CZL+11, WCL14]. **polarimetry** [FBHB17]. **polariton** [VBMS17]. **Polaritonic** [KAvdL11]. **polarization** [AKZ+13, CAGL13, Den10, MCP10]. **polarized** [AFIS12]. **pole** [ASEA14, AMRdA17]. **poles** [SAS11]. **political** [Cho11]. **pollution** [MSML10]. **POLYANA** [DRR15]. **Polycrystalline** [KB15b, EBCBG17]. **polydisperse** [OL12]. **polyelectrolyte** [HB13]. **polydisperse** [OL12]. **polylogarithms** [BDV11, BD14]. **Polymer** [DF13, BL14, HCH16, LKL11, MSZW11, MNC15, SAG13, WSTP15, dHGCS11]. **polymeric** [DEW16]. **polymers** [Bj11, GB11, HP11, MB11, RB11]. **Polynomial** [IUM13, KP12a, CB13b, GDB10, GLX+14, HKZN17, JAI10, sL10, MCL+17, UNK12]. **polynomials** [ACDdM15, GST17, SPS10, WISA11]. **polystyrene** [RV11]. **polyurethane** [KDM17]. **pool** [BKS15]. **Pople** [KS12, SS10a]. **population** [VPP+12, WRB11, YH15]. **population-based** [VPP+12]. **populations** [FSI+16, HFOPF15]. **Pore** [DADS11, OP12]. **pore-scale** [OP12]. **porous** [CTL15, HSF+15, MPM14, OP12, SM14, vMB14]. **portable** [CDSG11, HTJ+16, SS13a, VLL+17, dBCH14]. **porting** [HD11]. **posed**
Positive [Has11, XZF12, SMdONF14]. positron [GGGH14, Kol15]. POSMat [MCY16]. possible [ASTT16]. post [LAA10].


prescription [Deu16]. presence [DCC10, JPK12, Nis11, RS12, SD14]. Present [Pat12, GFJ14, TIMM13]. preserving [MD11a], preserving [BIT12, CM14a, CEF16, Miy15, Sal16, San15, WXL13, WM13, YZ16, NO14].


quadratures [PPY14], quadric [ASPDL+16, DSPJ10, GSB+14], quadrilateral [LWRQ16], quadrupole [TUY15], quality [SZC+13], quantification [CNS+14, KZ14, OO15b, O015a], quantitative [BHH+10, BBH+15, CSC11, LN16, SSM+17], quantities [KFF+16, LCH11], quantity [CLH+17], quantization [Zit11], Quantum [BDK11, BG11, CW13, DSW15b, DS13b, FGGM11, GRTZ10, KYM+17, LCH11, LW13, ON11, PNL13, TTS11, ZDD15, ACTP15, AK13b, Aza13, BBW11, BMW14, BBC+13b, BMNS14, BS12, CZ17, CL10, CK12, CB16a, Dat13, Den10, DHR14, DDM14, EY11, FRW17, FUSH14, FE11, FLW17, Fri14b, GZL14, GM16, GH15, GWF+11, HWG13, Hin11, HRC11, Hoh14a, HWM+15, Hlin12, HIO16, IW15, JNN12, JNN13, JG12, KSL+11, Kro16, LKM+16, LV13, LW11, LWC14, LW16, Lut15, LJB+16, Men11, Mis12, Mis13, MKV11, MBFD12, Nog17a, Nog17b, NVW+13, OBH10, ORCR17, dIRJL14, PFA+15, PBS+17, PKRS16, RF10, RK11, RPL+14, RC11, Sai13, SV14, San15, SL17, SZ15, SKFP16, SPMM11, SOM+13, SGW17, SH16, SZM+14, Sou14, SCG11, SKSK13, TJD11, Tab16, TTG11, Vak12, WFM14], quantum [Wan10b, WC10, WM13, WPAV14, YCO15, ZHC16, vWB10, BKC+17, GSZ13, KST14a, MMS+15, RF10, YKS11], quantum-mechanical [LV13, RC11], quantum-transport [EY11], Quark [BBB+15, ACD+14a, BG14b, CCN17, Gao13a, HLM13, KKK+15, SS12], quarkonium [Sha13b, Sha16, WW14], quarks [ALL+11, BKMP16, KP12a], quartic [KVW11], Quasi [JLA+14, CJH11, CHC+11, GZW17, HDZ14, LKA+16, LB13, NJS17, dIRL11, PE15], quasi-bound [LB13], quasi-cylindrical [LKA+16], quasi-Degasperis [HDZ14], quasi-harmonic [dIRL11], quasi-incompressible [GZW17], Quasi-Monte [JLA+14], quasi-neutral [PE15], quasi-one-dimensional [CJH11], quasi-pulsed [CHC+11], quasicrystalline [HCC14], quasiharmonic [dIRPL11], quasilinear [BB13b], quasilinearization [Jiw12, KV10a], quasiparticle [DS+12, KOK17], quaternion [San15, WM13], quaternionic [LWW10, San15, Wav10b, WM13], qubit [RF10], qubits [WW11], QuCon [vWB10], qudits [LV11], questioning [QHC+10], Quick [TW15], quiet [LSK+13, SKH+10], Quintic [LX12, WZ13], quotient [KSW12], QuTiP [JNN12, JNN13], qwViz [BBW11], R [LQZ+13, ADH+17, LQZ+13, MiH12], R-matrix [MiH12], r10 [AFZ17], r7 [LZ11b], r9 [FLA+16], RA [SKB10], raaSAFT [ESM17], Radar [WGG16], radial [DG10b, DM17, DRR15, Kir10, MK10, PSL11, SD10b], radially [KSW12], radiation [ASPDL+16, ASS+13, Aza13, BSC+13, CAN11, GLAC13, HJL+14, KEH12, LHJ+15, LSA17a, PCEH15, QA13b, SL16, SC15, SC16b, VMFS16, YXT+15, Hak16], radiation-hydrodynamics [SC15], radiation-induced [LSA17a], radiative [AFIS12, ELDS14, HHT13, HTT14], radical [Faw10], radio [ECD+10, GB14, KMD12, KSY17, SVG10, TRM+12, TUY15], radio-frequency [GB14, KMD12, SVG10], radio-map [TRM+12].
radioactive [SM14]. radiobiological [KEH12]. radiography [WHB16].
radioisotope [WT12]. radiowave [OAKS11]. radius [KB15a, SH12a]. raft
[MD11b]. Raman [CRY11]. ramp [Hon10]. ramp-up [Hon10]. Random
[DVBI1, NHD16, AM14a, ASPW13, BS11, BS13a, BS14a, BCW13, BCW13,
CSRV13, Dem11, FL10, GP13, GAHP15, GBS16b, HA17, KC14, KS16b,
KD16, LS15a, LG1+12, MKMK10, MH11, Mis12, Mis13, PPS10, Rom15,
Sav15, SS13a, SW11, TC11a, UO15b, WRVL15, ZXF12, YZZ1+17, YLO13].
RandSpg [AZ17]. range [ADD1+11, BTM1+17, Boe14, BWPT11, BSWC14,
Cor14, Fil13, Fil14, FN17, HWL1+17, KK16b, KMD12, PG10, iTi11]. rank
[Ara14a, Ara14b, BK12, DSHS17, KK14b, LO14]. rank-structured [KK14b].
Rapid [FWS1+17, MB1+10, Ray10, SKH1+10, Hvas1+13, Ruf13]. RapidSim
[CCN17]. Rare [KBT1+14, CGV13, KI11]. rarefied [JvOK17, PG17].
Rashba [XJS16]. ratchet [HCT11]. rate
[ACDD15, ADD15, Tia11, TK14b]. Ratip [Fri12]. Ray
[MJ14, OTC14, BHN1+16, DA16, FWS1+17, GTL1+17, KMA1+12,
LHC1+12, LP15, LL15, MCM10, MCAF14, MM11, Mf14a, Tic10, TVGB15,
TS10, VDJ1+11, WG16a, YVMOS15, Btu13, CDSG11, Cip13, GSB1+14, LS12b,
MD11b, PBMD12, TIC10]. Ray-tracer [OTC14]. Ray-tracing
RCPPAC [MCA17]. RCM [ZHS13]. RCS [MSR1+17]. re [CL12, TU14].
re-formulation [CLJ12]. Reaching [RCGT16]. reactant [ECS16].
reacting [LL12]. Reaction [GAGW16, VRV15, BO12, DT11b, JuIAM16,
FM15, Sh16, SCM14, SAg13, TRN16, VMFS16, TDL1+14].
reaction-diffusion [FM15, SCM14]. reactions
[GC13, GBJ1+12, GBJ1+13, Pia16]. Reactive
[WF14, AV13, ASEA14, CFF15, MRR10, INSK1+15, PNL13]. reactor
[TGH1+16, ZSW1+17b]. reader [CGO17]. Real
[AB1+10, BD10, CD1+12, LAS1+17, MSH11, SP16, SH12+12, AAA1+16,
BW12b, BR14, BG11, CDMCN11, ECD1+10, FZ16, KK16b, KSI16b, MC16,
MBF1+10, MSS1+16, OOK1+12, dRJL14, SCSR17, TL17]. Real-space
[MSH11, SP16, SH12+12, BG11, FZ16, MBF1+10, MSS1+16, OOK1+12, dRJL14].
Real-time [BD10, CD1+12, LAS1+17, AAA1+16, BR14, TL17]. Realistic
[SOL11]. realization [BS11, GBS16b]. realizations [ASTT16]. realized
[PC14]. reciprocity [DG10a]. recognition [UIY11]. recombination
[Fri12, SVG10]. recommendation [QHZ1+14]. reconfiguration [KC14].
reconnection [PBE14, YJK11]. reconstructions [CZ17]. reconstructing
[PR10]. Reconstruction
[MD11b, FBHB17, GMH11, LSK1+13, LAS1+17, SAS11, WFV14, YVMOS15].
record [BS14b]. recording [MP11]. recoupling [Wei99]. rectangular
[Qia16, SK15]. recurrence [BB1+10, TO10a, WSO1+12]. Recursive
[PO14, Fen12b, KvdO11, ADH+17]. recycling [CMRVVR16, YRR13]. Red
[BGL+14, BTL+17]. reduced [Kom15b]. Reducing
[BHK17, BHVMH15, GM17]. REduction
[BKM14, ASGLK10, BCS10, BKK13, BK15, BK16b, EPS15, GSB+14,
MZE13, MNC15, Per14, Stu10, BKK13, BK15, BK16b, Smi15]. Redundant
[QHZ+14]. Reduze [Stu10]. reference
[DKG+14, DFM+15, Duf16, JP10, SS11b]. reference-free [DFM+15, Duf16].
refined [EZL+16]. refinement [AWK+16, FXZ+14, GX15, JFC12, LWRQ16,
MHV17, UBRT10, YRR13, ZD15]. reflection
[GCVA14a, Ram10, WS11a, Yan09]. Reformulation [LZP12]. regarding
[MS15]. Regge [ASEA14]. regime [REtVH12, TKL+12, dSFdFF13, vMB14].
Region [OK10, SZM+14]. Region-of-interest [OK10]. regional [BB12].
regions [Smi14]. regional [BB12]. regions [Smi14]. relation
[WSO+12, sX14]. relations [SS13c]. relative [Bar11b, BSWC14, FS17]. Relativistic
[GLB13, Hsu11b, Müll14a, Aza13, Bab14, CGM17, CEF16, Fri12, GM11,
GTS14, GBJ+10, GBJ+12, GBJ+13, GFJ+14, GBJ+15, GYW+10, HH11a,
JGB+13, KHB14, KKG+15, KNS+17, KPST15, KMA+12, MCA17, NGG+13,
NPR14, QYMI11, QA13a, SZY+12, Sar17a, SQS+16, SS11a, SLEF17,
XYM+13, ZD15]. relativity [MG10a, Müll11a, Bre10, GLMG12]. relaxation
[BSM13, BPP11, BPMS16, Eba13, FN17, KS15, MKB+11, SW12b]. release
[DF14]. relevant [LZP12]. reliability [WLH+12]. reliable
[AMM11, BS14a, CO11]. reliably [SZC+13]. Relic [AM11, AM10, AM10].
remaining [CB13b]. remapping [KN13, LJK16]. remarks [MS15].
Removal [BCH11, DF14]. renormalisation [Fon12, Roh16].
Renormalization [LSSW14, FSC13, HB12, KK16b, NBN+14, PO14,
RHG10, Sta11, Trö11, Ver16, WP14, LSR+17]. renormalized
[FHH+14, GZL14]. reorthogonalization [JK13]. repeated [OK14]. replica
[GXF+15, GBJ11, IO16, JJ15, LRC+11, LK15, UO15b, UO15a].
replica-exchange [GJB11, IO16, UO15b, UO15a]. representation
[BDBV12, FK15, KCT15, LXL12, MLW+10, Naz12, PFCM14, WISA11,
WvSL13]. representations [HR11, LLX14b, LJB+16, ÖK11, SL17].
representing [McM17]. reproduce [BW16]. Reproducing [LLX14b].
repulsion [PB13, TO10b]. requiring [Fer15]. rescaling [Odr11]. research
[GBS+16a, LHC+12, LYJY10, PFA+15, PYW+14]. reservoir [ZAFAM16].
Reshetikhin [JWJ12]. resilient [MCL+17]. resistive [Ein16b].
Resolution
[AS16, ABR12, BMG+15, CBGY17, JP10, JAS17, TRM+12, dB14].
resolved [Sie16]. resolved-particle [Sie16]. Resonance
[KH11, VCMS+13, ASEA14, GH11]. resonances [LTP+17, SAS11].
Resonant [BP12, Dem13, JTT11, JGC+11, YSN+14]. resonator
[HWCH11]. resonators [WX11]. resources [CCdC+11]. respect


scripts [CF16, Giol4b]. SCTE [MGFRG12]. search
[BBZ+11, BG13a, DR12, JTP15, KPVvdH13, MTS+16, PP13, PMS+15, TC11a, WP11, WRFS15]. searches [GTL+17, VPP+12, WRVdL15].

SearchFill [DBJ11]. searching [Ano11a, LOK+16]. SecDec
[BH13, BCH13, BHJ+15, CH11a]. SecDec-3.0 [BHJ+15]. Second
[BB13a, ADdM15, BKV16, GPS+13, Kir10, KBB+17, LX12, LJSW11, LW14b, NS15, NO12, PTK15, Pla16, RL10, WC13, WYSW10, WT15, Zit11].

second-order [BB13a, ADdM15, BKV16, GPS+13, Kir10, KBB+17, LX12, LJSW11, LW14b, NS15, NO12, PTK15, Pla16, RL10, WC13, WYSW10, WT15, Zit11].
second-quantization-operator [Zit11].

sectors [BBH+11a, CH11a, KU10]. sectors [BBH+11a, CH11a, KU10]. Security
[ÖY13]. 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, MCAFdF14]. SeismicWaveTool
[GMRHRCME13]. Selecting [CB15b]. selection [CLH+17, HJH17].

selective [JK13, TIMM13]. Self
[BMCC+11a, CCGC13, ASGLK10, AK15, BCH11, CDTV10, Den10, DR12, GCVA14b, HPKF15, KOK17, MT13, NPVR14, PB13, Pit12, QHC+10, SEW12, SEW14, SBB13, SHNM11, XNK+16]. self-avoiding [SBB13]. self-consistency [SHNM11]. Self-consistent
[CCGC13, CDTV10, DR12, KOK17, NPVR14, SEW12, SEW14, XNK+16].

self-consistent-field [Pit12]. Self-energy [BMCC+11a, PB13]. self-force

self-questioning [QHC+10]. self-adaptable [CFCB12]. Selfconsistent
[ELL+17a]. Semi [DS15, KZC+10, BB12, CzD15, DS10, Ein16a, FJK+17, GAB+16, IBP+15, Lan13, LHH+12b, MIW+12, MRVF13, QSC14, Ser10, SmDONF14, SHL+11, UNK12, WG16b, Wie15, ZLL13]. semi-analytic
[Ser10]. semi-analytical [DS10, FJK+17, MRVF13]. Semi-analytics [DS15].
semi-automatic [Wie15]. semi-axis [SmDONF14]. Semi-explicit
[KZC+10, QSC14]. semi-implicit
[BB12, CzD15, IBP+15, LHH+12b, MIW+12, SHL+11, WG16b].

semi-infinite [ZLL13]. semi-Lagrangian
[Ein16a, GAB+16, Lan13, MIW+12, UNK12]. semiconductor
[ASGLK10, AK15, ACCB13, Bot12, CM15, CL10, CLL16, DJ12, GTG+11, HHC16, MiH12, NAQ16]. semiconductors [GC12, KOK17, LZL11].
semidefinite [VvAV+11b, VvAV+11a]. semiempirical [IIO16].
semismooth [CB15d]. semismooth-Krylov [CB15d]. sensitivities [GA13].
sensitivity
[CSC11, HS14a, KTA12, PPS10, SAA+10, SK10, TBZ12, WLH+12, WLS13].
separation [MSRL10, SJW10]. sequence [GCF+17, HLD13, ÖY13].
SequenceL [BBB+17a]. sequences [DBB12, DB13]. sequential [NM14].
serial [CUL+17]. series [ADdM16a, AddM17, CZ17, CC10a, CO11,
GMFPC+14, HvWT17, LLHC11, NO12]. SERS [CLY11]. SERS-active
[CLY11]. servers [WMK11]. Service [MLR10, VDJ+11]. Set [NHSY15,
FM12, K10, KN13, MBFB13, Pit12, RCGT16, XHL12, XLX15+15, MFG+13].
sets [Cor14, FBG10, GJLB12, JH15, SZC+13, VdLF14]. setting [CNS+14].
several [GCHL15]. sermon [HEF12]. SFOLD [HEF12]. SGO [CJJ+17].
SGS [ZSW+17]. Shafranov [HS14b]. shaking [RHHF12]. shallow [QM10].
Sham [SCS12, SCB17]. Shape [DGMZ15, NS11b, OK14]. shaped
[HSD17, MSR+17, Nov17]. shapes [AIG16, GTPWL12, GGGH14, XLX+15].
Sharlow [LB+14]. Sharlow-like [LB+14]. SHARE [PLR14].
Shared [DKG+14, BKS15, CL15b, NFS15, WMRR17]. Shared-memory
[DKG+14, NFS15]. sharing [TRM+12]. sharp [CDL+12]. shear
[BF10, CMVRB+14]. shear-shear [CMVRB+14]. shear [KMD12, KSY17].
sheath-plasma [KMD12]. shedding [TKL+12]. shell
[ACP15, BM16, Cip11, Faw10, MCA17, Trö11]. shell-model [BM16].
ShengBTE [LCKM14]. Shepard [FZY13]. shields [OVSI15]. shift
[Ber14, FZ16, NGG+13, Ram10, RLM13, STY15]. shift-invert [RLM13].
shift-operator [Ram10]. shift-without-invert [FZ16]. shock
[KR14, PBD+15, QLE16]. shock-fitting [PBD+15]. Short [BBF+10,
ADD+11, BTM+17, BWPT11, Fri10, FN17, HWL+17, Ram10, TKR13].
short-range [ADD+11, BTM+17, FN17, HWL+17]. Short-recurrence
[BBF+10]. short-time [Fri10]. shorter [dJB16]. shot [HLS12]. showers
[BG14b, GRZ10, TS10, War16]. shuffled [AZM14]. Si
[CHW+15, Dan16, MTS+16]. sides [STK10, TKS10]. sign [BH11, Kap16].
signal [JJHG14, LCR10]. signals [CCM12, PMS+15, SSP16]. signatures
[RMC16]. significance [SC14]. silane [SVG10]. silicene [ZRS12].
silicene-like [ZRS12]. silico [HG13]. silicon
[LOK+16, OPO+11, OPSR13, OPR14, PVH+17, Wit14]. SIMD
[PH13, VLL+17]. Simflowny [AABC+13]. similar [FS17]. SIMLA [GH15].
Simple [DSW15b, NOR15, PM16, CCL15, DZ15, GAHP15, KKG+15,
KOK17, RZ13, SGM11a, SGM11b, WWC+16, WCT11, WXZ13, XW15,
YY10, YB13, dSVLP13]. simplex [Kap12b]. simplification [SBQ14].
simplifications [BD12]. Simplified [vMB14, SA14, TVZ+15, YZWR14].
simulate
[AMM11, CUL+17, MPM14, SQA+15, TXZL15, TS10, WGG16, ZBG+16].
Simulated [BL14, BS13, BDKS10, CM10a, CD12, HG13, IZRT15, LM12,
VdLF14, VDF15, Yan16]. Simulating [GH15, Hoh14b, Wan16, Wei11b,
BHNS17, BENK+17, CJ12, DMC10, HGCARM15, JPK+12, LHH+12a, LL15,
LL12, SV14, WX11, XAPK14, XD16, YWW13]. Simulation
[AZS+11, AKR15, Bar12a, BdVGS11, Ben11, CM15, CAGL13, EFG+10,
FBP+14, HEPW13, Hon10, JP11, MHEV17, MTE17, PPV+11, PC11, RF10, RSB14, SÖÖN11, SKH+10, UIY11, XLX+15, AFIS12, ASPDL+16, ALSW14, AIG16, AABC+13, AAJA14, BF16, Bar11a, BK16a, BE14, BOC14, BCM+16, BO12, BHND16, CC16, CHC+11, CSSB15, CHH+11, CvW12a, CvW12b, CdFDS16, CF17, CCN17, DG10b, DSW+15a, DHJ13, DES+11, DMD14, FFT+14, FGC11, FFIH11, FM15, FN17, GC12, GM11, GRR+14, GRZ10, GSB+14, GB14, GRI11, GRTZ10, HBE10, HBL+13, HKJ+12, HT12, HvAS+13, HWX+13, Hsu11b, HB13, HHT14, HCSW10, JXTS16, Ji12, JPM12, JA17, KOT12, KNS+17, KO12, KO13, Kro16, KMS16, KCS+15, KP14, KSYY13, KQY17, KSY17, LCC13, LDR+17, LJE11, LJSW11, LCH11, LX14, LSK+13, LYZ13, LS17a, MD10a].

simulations

[MT13, MGRB11, ML17, MTS11, MKU+12, MMC10, MSNI11, MFG+13, Müll14c, MSH11, NF17, NQ14, NM14, NFI17, OKM12, OYK+14, PKT15, PVK+17, PCE15, PA13, QL10, RF16, RD10, RLBC+14, Sal12, SBH+14, SCC+12, SSF+17, Sie16, SS11b, SVG10, SKM15, SMCB+15, SBL16, SBE+16, TJD11, Tab16, Tan10, TL17, Tic10, TVGB15, TIM13, TGH16, TMD11, TB14, TIM+16, TPC16, VDB14, VPMV+17, VR15, VEM12, VK16, WP11, WS11a, WGVP17, WSI13, WBY11, WT12, WL11b, WLZ17, YBY13, YG12, ZF14, ZXL16, ZDD+16, ZHC16, ZPvR16, ZLFM11, dlHV12].

Simulations

[APRG11, Bab14, LDW13, TKL+12, AM14a, ASGLK10, AK15, AD15, AGB+15, ARBS12, BJBC+14, BBB+17a, BT17, BB13a, BS15b, BSC+13, BFPP12, BBB+13, BBS14, BPM12, BBDV12, BPV10, BG11, BTL+17, BCDI12, BB13b, BBV+16, CDS13a, CB15a, CB17, CM14, CH11, CXH+15, CLL16, CW16, CL11, CPHL14, CBGY17, CH11b, DJ15, DSH17, De 11, DS13a, DPK+15, DF13, Dem11, DF14, EBCB+14, EVB14, EBCBG17, ESM17, Evs14, FCV17, FW11, FRFH10, FKH15, FPS+17, GhDF10, Gio14a, GL17, GNA+15, GAB+16, GSKM14, GM14, GJH14, GJB15, GB17, HJ17, HO13, HS14a, Hin11, HPKF15, HY11, HLZ+13, HHH+15, HKK11, HHP+16, JBKM15, JBG+16, JBG+17, JPH+14, Jv17, JJ15, JHL+15, JVR12, JKSI16, KK16b, KC14, KP16, KS16b, KHK+11, Kon11, KGG+16, KRB15, LYP14]. simulations

[LFC+15, LGW13, LSK17, LSI14, LS15a, LS15b, Les16, LWH11, LYT+17, LH11, LYL+17, LKW11, LSK+14, LBP15, MMSF+15, MD16, MIF+12, MIW+13, MAC12, MMO+17, MM17, MP11, MFS+11a, MS14, MRZ10, Maz13, MNV13, MVI+16, MHR+13, MMA15, MTO15, MB+11, ML16, MNB+15, NNWS15, NFA+16, Ngu17, NSK+15, NVW+13, OKC11, ORI+10, Oli13, PCGM14, PG17, PLD+13, PE15, PLCC12, PDJ10, Qia17, RKVL14, Rv16, RV11, RHGH12, RJ16, SH12a, SFP11, SISW10, Scol13, SOM+13, SLZ16, SKK17, SJ11, SS11c, Sok13, SCM+16, SCMI3, Sus17b, TK14a, TSK+17, TST13, THDS16, THDH14, Trö11, TYH+15, UBR10, U015b, UO15a, VB+10, VK14, VMFS16, WMF14, WW14, WW14, WNY17, WTH15, WDL11, WSH+14, WVV12, WSH+12, WWFT11, WAW14, WM14, XY+13, YW17, ZW15, ZLeE+13, dHGC11].
Simulator [CP15b, IW15, MBRV+13, PR14, ZAFAM16, KDP+14].
simultaneous [SGDS16]. sinc [MM10]. sinc-collocation [MM10]. Sine
[SW14c, AH13, DG10b, JPM12, MD10a, Pá12, PTS12, dHV12].
Sine-Gordon [SW14c, AH13]. Single [GM16, MAM14, Az13, CATK11,
CS+13, DKT14, EY11, EBDM17, JXTS16, KKK+15, LHS14, LB15,
RV10, RV11, SD14, UW12, WG16a, WBY11, YZY10, ZLFM11]. single-
JXTS16, LB15]. single-crystal [WBY11, YZY10]. single-molecule
[CS+13, LHS14]. singular
[GW16, HKSW10, MC16, NO12, SK14, ZX10]. singularities
[BAK+15, BAK+16, BAK+17]. singularity [PP14]. singularly [GN14].
Sinosoidal [RHHF12]. SIP [FXZ+14]. SISCone [Wei12]. site
[JXTS16, LBP15]. single-crystal [WBY11, YZY10]. single-molecule
[CS+13, LHS14]. singular
[GW16, HKSW10, MC16, NO12, SK14, ZX10]. singularities
[BAK+15, BAK+16, BAK+17]. singularity [PP14]. singularly [GN14].
Sinosoidal [RHHF12]. SIP [FXZ+14]. SISCone [Wei12]. site
sixth [LST15, NS15]. sixth-order [LST15]. Size
 [VKLM11, AS11a, BM13, BHNS17, Evis14, MDPK15, OB10, SSP16]. sizes
SKRYN [CB15d]. Sky3D [MRSU14]. Skyrme
[RHBH15a, CC13]. RHBH15b, SD12, SSK+13. Skyrme-HF
[RHBH15a, RH15b]. Skyrme-type [CC13]. skyrme-rpa [CC13].
skyrmion [BUJ15]. slabs [LN16]. SLAM [MZ14]. Slater [USA13]. slave
Slow [SDJ+12, WL11b]. Slow-to-start [SDJ+12]. small
[Ber14, BBV+16, FL10, JLL13, PP13, QHC+10, TIMM13, dSLF13].
small-world [FLP10, QHC+10, dSLF13]. smallest [DS15]. SMMP [YK10].
smooth [Con13a, Con13b, Qia10, WGL16b, WvSL13]. Smoothed
[FHTO17, KS16a, PE15, DCGG13, EKK14, JXTS16, KPPC13,
NF15, RH17, RTA10, SN16, CDR+15]. smoothing [HHC16]. SNEG
[Zit11]. snowdrift [QHC+10]. soccer [DSVLP13]. social
[CHDF10, IBKK11]. socket [TRM+12]. soft
[GSC+16, HBL+13, KL11, WS11b]. SOFTSUSY [AAT+14].

SOFTSUSY3.0 [AB10]. SOFTSUSY3.2 [AKH12]. SOFTSUSY3.5
[ABAla15]. SOFTSUSY3.7 [AMRdA17]. Software
[JD17, MCY+16, NFA+16, SSP16, AKZ+13, BC15, BRH+16, Dan12,
FBC+12, GXF+15, GJA+16, HB1+17, HM10, KST+14b, LPC+15, LSK+14,
NB16, ORI+10, Osi10, PH1+17, PMS+15, RDP14, SD15, SCC+12, Sin11,
Sin12a, SLR16, Sou14, TL17, VPP+12, WGG16, ZMV+13]. soil
solar [DJI2, FXZ+14, GSKM15, HGCARM15, Kap16]. SOLARPROP
[Kap16]. solid [BCP+16, Bot13, CCD+16, HWX+13, JPCG15, KS16a,
Mini1, NGCl+12, dIRAPL11, PL15, QDZ+13, UA17]. solid-fluid
[CCD+16]. solid-solid [QDZ+13, UA17]. solid-state [dIRAPL11]. solids
[AKZ+13, Hin11, MS1, MS1, MSL17, dRJL14]. solitary
[AS11b, DS11b, DN13]. soliton [DT11a, Pá12, TD14, XLL15]. soliton-like
solitons [DG10b, HWCH11, JPM12]. soluble [vdSM16]. solute
[DMC+15, JJ15, XHLM12]. Solution [APV10, CDTV10, DS10, LHC+13,
PH11, RBHß15a, RBHß15b, SDM+12, SDS+17, AGH+16, AH13, BSM13,
BH16, BKS15, Bis15, CDMCN11, CSJ+17, DT11a, DS11b, DN13, DSW+15a,
FGLB12, FFIH11, FMI15, HKSW10, HK12, JK10, JL10, Jiw15a, KAS12,
LD10a, LD10b, LV14, LJP12, LTP15, Lin13, LWW10, LZ12, MJß+10,
Moh14, MA11, MM10, MNC15, NFI17, ÖN12, OK14, PSBT12, PAS11,
PDRG10, PR13, PTS12, RDP14, RVA14, RM10a, RM10b, RLM13, RGKR17,
SW1+4c, SD10b, SS13b, SSH16, SK14, SSK+13, VBG+10, YZ16, ZDWM17].
solutions [AD14, ADdM12a, Beu11, CB13b, DGST17, Er14, JLW13,
KMM13, LLL12, LLL13, sL10, MC12, MSZW11, MK10, MNOØ11, NO12,
PAS11, PS14, SR12, TD14]. solvated [WFM14]. solvation [ZPH+15]. solve
[AD14, AD15, ADdM12a, DG10a, JSLM16, ÖN14, RJLL16, SS13c]. solved
[ACMM10]. solvent [CBB14]. solvent-filled [CBB14]. solvents [ZBG+16].
Solver [DSW15b, BMC+11a, BMC+11b, BKOZ16, BAR12b, Bot13, BC11,
CP15a, CPV13, CTA10, CBB14, CDR+15, DBLF16, DGG13, DM12, Ein16b,
FK+17, FSC13, FE11, FZY17, GS15, Gaß17, GP13, GJ14, GJ13, GG16,
HWG13, HWß+15, HCHW11, KDM17, KYM+17, KH12, LYP14, LW14a,
LC15, LCMK14, LXY+17, LF12, LWP+17, LCHM10, LCM13, MC16,
MTE17, MGL16, MR14, McM+12, ML14, MF15, MV15, MCL+17,
OILK17, ORS+14, PZY16, PMS+17, PBD+15, Qia17, RVS16, RC13, RC16,
SKEP16, SSX14, SGW17, SLEF17, TL17, Ter17, VV16, WC13, Wit14, sX14,
YXT+15, Zag14, ZPH+15, ZPvR16, ZCG17, HB13]. solvers
[BB13b, CGM17, CBB+10, DZ13, FR15, GWF+11, LV15, Qia16, VLPP14].
Solving [BAK+15, BAKß+16, BAK+17, CD12, CBB+10, Dem13, DPB16,
DSP15, ENEO15, Fil13, FGG11, HAK+14, HAßH13, HS14b, IH11, JCC6,
Jan10, LV10, RHH12, SmÖNF14, VSO+13, BK11b, CS10, Ckk+13, DT10,
DM17, FGR14, GX15, HLLH16, HM12b, JPSS10, Jaß10, Jiw15b, LLWM17,
LBß+16, LÝSS+16, MLS10, MM12, ICD13, NAQ16, PS11, QYM11, QA13b,
QA13a, RL10, Ras09, Ras17, SSß+16, SSH+13, SCLW16, TY10, UNK12,
VBB+12, WFV14, XZß, YZWR14, YSV+16, ZHSL13]. Some
[CEPI10, FG13, MR13, MS15, ZHSL13, Er14, Ixa16, KD16]. soot [ZLFM11].
sooting [EZL+16]. sorting [MEM+11, MM11]. SOSpin [CECGS16]. sound
[KL11]. sound-soft [KL11]. source
[AZ17, AFZ17, BCP+16, CMC+15, CHC+11, CFW17, CDR+15, Dan11,
DBLF16, FlA+16, HSF+15, HKßH16, HWß+15, JNN12, KDM17, KSSH14,
LPC+15, LZß11a, LZß11b, LZ12, MK10, MZE13, MS111, MVß15, MGGR12,
NMS14, NGç+12, ORS+14, SC16a, SAßP15, SDL+16, TL17, TACA15,
VBß+10, WGG16, WFV14, WPV14, XAPK14, Zag14, ZCG17]. Sources
[EW14b, EW16, EEGW12, KM10, ML14]. Space
[BBB17b, BG11, BAK+15, BAKß+16, BAK+17, CDBM16, EUT+15, Evs14,
FZ16, FGLB12, GTS14, HLLW16, JBG+17, KSß16b, KSW15, KSß15, LOK+16,
MC16, MBß+10, MJß+10, MSS+16, MSM+11, MSH11, NAQ16, OBH10,
ÖK11, OOK+12, dRJL14, PSß11, PSBT12, QYM11, QA13a, Qia17, SP16,
[CB16a, GBP13, Kra10]. Spatial
[RLBC+14, ABCM14, BNAB11, FCC15, KS16b, LST15, LJB+16, McM17, MLS10, MSRL10, MGR16, TZG12, VV16, FCC15]. spatially [MD10a]. spatially-dependent [MD10a]. specific
[AZ17, LPC+15, XZF12]. specific-heat [XZF12]. specific-purpose
[LPC+15]. specified [MD10b]. specifying [DZ15]. spectra
[Aza13, BW16, BPM16, Bru13, CM15, CCL15, CGV13, DA16, ECSV16, GGG16, HW11, MGB11, MSPD12, MNPY14, MB16, PBMA12, Ruf13, SC16a, TKP12, TVGB15, YLTS16, ZIo13]. Spectral
[Hak16, MLS10, AH13, BCM+16, CDBM16, CMC+15, CvW12a, CvW12b, Col14, HS14b, HZP+16, Kap12a, KZC+10, LSDK14, LW14a, LW15, LKA+16, LCC11, Liu11, Liu13, LDF+16, Raw15, SI11, SNB11, SmDO14, TD14, Wan10a, YX+15, DBFL16, PSP16, SmDON14]. spectral
[Hak16, MLS10, AH13, BCM+16, CDBM16, CMC+15, CvW12a, CvW12b, Col14, HS14b, HZP+16, Kap12a, KZC+10, LSDK14, LW14a, LW15, LKA+16, LCC11, Liu11, Liu13, LDF+16, Raw15, SI11, SNB11, SmDO14, TD14, Wan10a, YX+15, DBFL16, PSP16, SmDON14]. spectral/hp
[BCM+16]. spectrally [ABDR17]. spectrometry [SMCB+15]. spectroscopic
[Hak16, MM11]. spectroscopies
[CMJ+11, SNG+11]. spectroscopy
[GSB+14, Hoh14b, HTT13, HTT14, LCL+11, MGA+13, RMW13]. Spectrum
[FCC15, Ruf13, Ab10, AhPSV15, Bru13, CCl10a, GWF+16, GCF+17, JK13, KZ11, MZ14, OCL+13, Rom15, SCS12, SAE+16, ZUT13]. Speed
[LGW13, MSR+17, JTP15, MTE17, WLM14, YvOS15]. Speed-up
[MSR+17]. Speeding
[MED11, KC14]. speeds [SSX14]. SPFF
[LGW13]. SPH
[CDR+15, ACM10, ACM11, ACM12, BE14, CCD+16, CP15a, CPR12, CBAM12, FJK+17, JOR+12, KPPC13, Lan13, MRF13, MRSD15, OLG+16, RJLL16, VSO+13, VKP14, WMRR17, XLX13, XD16]. SPH-DCDEM
[CCD+16]. SPHeNo
[DNPS13, PS12]. sphere
[LP1RPR17]. spheres
[AYD11, CKLM10, LDW13]. Spherical
[ASS13, BMG+15, Cai11, CDTV10, Den10, GDB10, GC10, GC16, KT10, sLsqL+13, NK15, PM16, RV11, SR12, Ser17, TO10a, YCO15]. spherocylinder
[FBP+14]. spheroidal
[Kir10, OWS+14]. spheroids
[ALS14]. SPICE
[EFG+10]. SPILADY
[MDW16]. Spin
[BW11, BJBC+14, BPP11, BFP12, BBS14, BR13, BVP10, CL14, CB15d, CAGL13, DRR16, FW11, HvWT17, IzRT15, IUM13, KO12, KO14b, Kom15a, Kom15c, KO16, LPB15, MDW16, RRC1C10, RLS16, RE12, SHZ13, WX14, Wan16, Wei11b, WPW14, XJS16, Yam16]. spin-
[HvWT17, SHZ13]. spin-adapted
[WPW14]. spin-dependent
[XJS16]. spin-ice
[IUM13]. spin-lattice
[MDW16, Wan16]. spin-orbit
[CL14, RE12]. spin-orbit-coupled
[WX14]. spin-system
[BJBC+14]. spinney
[CKJR11]. spinor
[GLMG12]. spinors
[CKJR11, GLMG12]. SPIP
[BF16]. SPIREs

Split-operator [GTS14]. split-step [DT10, OAKS11, Ram14, WZ13].

Splitting [Bla15, BE14, BB12, CZS10, GML15, LBMB14, NAQ16, QM10, QSL14, Sch14a, TD14, TCP13, XLX13]. spontaneous [EZBA16, ZLM12].


GBJ +13, GCHL15, HBL +13, HAN +16, IUM13, JLA +14, JXTS16, JLW13, JNN12, JNN13, JGC +11, Kau13, KPA13, KI11, KO12, KS12, KGNS10, LKM +16, LCY +11, Leó12, LRW +15, LWYW11, LS16, LB10a, LB13, LKT +16, LCHM10, LL12, LCHM13, LBP15, MPM14, MFM15, Men11, MGS13, Miy15, PFA +15, PTMDPK14, PLCC12, RF10, RAV11, RHC15, RCH16, RLMGM +11, SW14b, SL17, SEGPI5, SGW17, SLR16, SS10a, TM14, TDL +14, UO15b, UO15a, Voy13, VBMP15, Vuk12, WXL13, WRB11]. Systems [WAW14, WYSW10, WW10, YZWR14, ZAHA10, dB14]. SYVA [GNT17].


target [GC13, HHT14, RtV16]. targets [BAK +17, HC16, LHJ +15, MSR +17]. task [TGH +16]. task-based [TGH +16]. tasks [HWT10]. tau [SW14c, Wan10a, HWT13, HTT14].


technical [DNP +12, DPW16, LS15a]. technique [BALV16, CS10, DG10a, DG10b, DM17, Eba13, EKDG15, GHvdL11, GGG16, GTS14, Hon10, JAS17, KN13, Koh15, KR16, LLX14b, NPAD11, Ram10, SK14, TH17, VDB14, WLS13, WDR16, MAIVAH14].

techniques [BCS10, BD12, BJM15, BSW12, GSB +14, KHKR14, MIW +13, MC12, OBH10, PLF +17, RGH10, RWKS15]. technological [CMB11].

technology [DM12, MSI +10]. telegraph [PKT15, XYK12]. telescope [ECD +10].


their [GSMK17, GCV14b, KAR +15]. theoretic [SSB15]. Theoretical
turbulent

Tweezers [BGL+14, BMG+15, Ost10]. TweezPal [Ost10]. twisted

Two

Two-body [FEH11, HEF12, LSDD14, VvAV+11b]. two-color [KK11].
two-component [Eba13, TZM17]. Two-dimensional [VK14, AH13, CAN11, CC10b, CC12, Dan14, Dan16, DG10b, DS11b, JEFF14, JPM12, KS16a, KYKN15b, KO12, KO13, LSLK17, LST15, LH1+12b, LR13, LR16, MSZW11, SLR16, SD1+12, SJW10, TT14, XZ12].
two-electron [AG12b, GH11, JH15, KK14a, LB10a, YCÖ15].
two-flavor [CDS+13b]. two-fluid [KTE+12, ML17, SQA+15]. Two-grid [KV10a].
two-Higgs-doublet [ERS10c, ERS10b]. two-layer [GLW14].
two-layered [PP13]. two-level [BKS15, LW14a, LY16, ZHC16].
two-loop [AMRD17, BH13, LS17b, YdDH+12]. two-parameter [JWC13].
two-photon [DKT14, ZLM12].
two-point [CS10].
two-power [SW12b].
two-route [nZIXL15].
two-stage [CCW10]. Two-step [LWYW11, BIT12, FGR14, NS15, SS10b, YZZ11].
two-loop [AMRD17, BH13, LS17b, YdDH+12].
two-parameter [JWC13].
two-photonic [DKT14, ZLM12].
two-electromagnetic [CS10].
two-photon [CS10].
two-particle [Dev12].
two-phase [Ki10, Sie16].
two-photon [DKT14, ZLM12].
two-point [CS10].
two-power [SW12b].
two-route [nZIXL15].
two-stage [CCW10]. Two-step [LWYW11, BIT12, FGR14, NS15, SS10b, YZZ11].
two-loop [AMRD17, BH13, LS17b, YdDH+12].
two-parameter [JWC13].
two-photonic [DKT14, ZLM12].
two-electromagnetic [CS10].
two-photon [CS10].
two-particle [Dev12].
two-phase [Ki10, Sie16].
two-photon [DKT14, ZLM12].
two-point [CS10].
two-power [SW12b].
two-route [nZIXL15].
two-stage [CCW10]. Two-step [LWYW11, BIT12, FGR14, NS15, SS10b, YZZ11].
two-loop [AMRD17, BH13, LS17b, YdDH+12].
two-parameter [JWC13].
two-photonic [DKT14, ZLM12].
two-electromagnetic [CS10].
two-photon [CS10].
two-particle [Dev12].
two-phase [Ki10, Sie16].
two-photon [DKT14, ZLM12].
two-point [CS10].
two-power [SW12b].
two-route [nZIXL15].
two-stage [CCW10]. Two-step [LWYW11, BIT12, FGR14, NS15, SS10b, YZZ11].
two-loop [AMRD17, BH13, LS17b, YdDH+12].
two-parameter [JWC13].
two-photonic [DKT14, ZLM12].
two-electromagnetic [CS10].
two-photon [CS10].
two-particle [Dev12].
two-phase [Ki10, Sie16].
two-photon [DKT14, ZLM12].
two-point [CS10].
two-power [SW12b].
two-route [nZIXL15].
two-stage [CCW10]. Two-step [LWYW11, BIT12, FGR14, NS15, SS10b, YZZ11].
two-loop [AMRD17, BH13, LS17b, YdDH+12].
two-parameter [JWC13].
two-photonic [DKT14, ZLM12].
two-electromagnetic [CS10].
two-photon [CS10].
two-particle [Dev12].
two-phase [Ki10, Sie16].
two-photon [DKT14, ZLM12].
two-point [CS10].
two-power [SW12b].
two-route [nZIXL15].
two-stage [CCW10]. Two-step [LWYW11, BIT12, FGR14, NS15, SS10b, YZZ11].
two-loop [AMRD17, BH13, LS17b, YdDH+12].
two-parameter [JWC13].
two-photonic [DKT14, ZLM12].
two-electromagnetic [CS10].
two-photon [CS10].
two-particle [Dev12].
two-phase [Ki10, Sie16].
two-photon [DKT14, ZLM12].
two-point [CS10].
two-power [SW12b].
two-route [nZIXL15].
two-stage [CCW10]. Two-step [LWYW11, BIT12, FGR14, NS15, SS10b, YZZ11].
two-loop [AMRD17, BH13, LS17b, YdDH+12].
two-parameter [JWC13].
two-photonic [DKT14, ZLM12].
two-electromagnetic [CS10].
two-photon [CS10].
two-particle [Dev12].
two-phase [Ki10, Sie16].
two-photon [DKT14, ZLM12].
two-point [CS10].
two-power [SW12b].
two-route [nZIXL15].
two-stage [CCW10]. Two-step [LWYW11, BIT12, FGR14, NS15, SS10b, YZZ11].
two-loop [AMRD17, BH13, LS17b, YdDH+12].
two-parameter [JWC13].
two-photonic [DKT14, ZLM12].
two-electromagnetic [CS10].
two-photon [CS10].

U [CHW+15, uasiparticle [SBH+14].
UCL [CYD11].
UCL [CYD11].
udkm1Dsim [SBH+14].
ultra [HEPW13].
ultra-high [HEPW13].
ultra-large-scale [TIM+16].
ultra-peripheral [KNS+17].
ultra-relativistic [QYM11].
ultracold [BG11].
ultrafast [FWS+17, NF17, SBH+14].
ultrashort [GC12].
ultrashort-pulsed [GC12].
ultrasonic [RLMG+11].
umbrella [IIO16].
UmUTracker [ZSW+17a].
uncertain [MCL+17].
uncertainty [CC16, CC16, HHM+15, KKK+15, KZ14, LCRL10, LLX14a].
Unconditionally \cite{Ram14}. under-ice \cite{TS10}. under-saturated \cite{JHJG14}. underground \cite{TS10}. underwater \cite{TS10}. undirected \cite{FLP10}. UNEDF \cite{BBC13b}. Unfolding \cite{ZZD15, ZZ17, ZZ17}. unification \cite{ABdA15}. Unified \cite{DE13, Ram12, Wei99, CSC11, CSJ17, KEH12, MRVF13, RHW12, Sch14a, SK12}. uniform \cite{BDP16, CDMCN11, GBN17, KS15, LA13, LFG14, Ser10, Ser17, Wit14, YQM12, YQM14}. uniformly \cite{Gwi12, SKK11}. Unique \cite{WLG13}. unit \cite{Laz15, MEM11, Tic10, MSML10, YLO13}. units \cite{APRG11, BK11a, BJCW13, CDS13a, Col14, DBDP12, DS11a, DF13, FSH13, FUSH14, FCVH17, Fil14, FZY13, HAN16, LAS17, MED11, NPAG11, PLD13, SH12b, TD11, WDL11, WWFT11, Dem11}. Universal \cite{CCWL11, DNP12, DGPW11, EGPS10, GGI13, SJ11, DDF12}. Universality \cite{Fri10, PM13}. unknown \cite{PR13}. unknowns \cite{YBK11}. unparticles \cite{AAB10b}. unsaturated \cite{GTSL13}. Unsteady \cite{FJK17, SL14, TY10, Tia11, TCP13, TPC16, Uty14}. unstructured \cite{ASGLK10, AK15, GLHG12, LYP14, LJWK11, LWRQ16, MTO15, PBD15, SC15, ZS13}. unstructured-grids \cite{SC15}. unweighted \cite{Gag12b, Gag12a, WW12}. Update \cite{ABB14, CYD11, KT10, BCMS10, GSKM17, NM14, TJ1D11, Tab16, Tom16}. Updated \cite{GAC17, LCE13, LW16, MBGK11, MYP14, MG10b, PVK14b, SZY12, SZY13}. updates \cite{LS15a}. upgrade \cite{Dan11}. upgraded \cite{CWW10, CWW15, OKP10, Sha16, ZYL15}. Uquantchem \cite{Sou14}. use \cite{ERPDFLS15, KAR15, Kom15a, LCJ10, MNV13, Sou14, ZDWM17}. Useful \cite{Bar11b}. user \cite{BBG13, CFS13, GLR17, RFPM17}. user-friendly \cite{CFS13, RFPM17}. uses \cite{CEPI10}. Using \cite{BS14a, CSRV13, RMC16, AM14b, APRG11, ACD14a, AGMS15, Asc10, AH13, APC14, AAJA14, BMC11a, BSM13, BDVGLS11, BH14b, BD10, BKM11, BCM16, BTC17, BSU12, CKLM10, CL15a, Cap13, CB13b, CAN11, CC16, CMSV14, CDS13b, CKK13, Cip11, CB11b, CBB14, CB16b, CL13, CLB11, CRNK12, CMS17, DM17, Dem13, DRUE12, DKS14, DM12, Ein16b, EKDGG15, FJK17, FDW12, FNPM10, FWS17, FYZ13, GBP13, GSKM17, GA10, GSB14, GMH11, GWY10, GRT10, HTJ16, HCC14, HAN16, HHC16, HKK11, Him12, JK13, JU17, JSL16, KK16a, KH11, KK14a, KD17, KKP11, KN13, Koh15, KS12, KST14b, KHKR14, KCS15, LLHC11, LD10b, LA13, LB14a, LOC16, LWZ14, LYY17, LH12b, LS12b, LTP17, LAS17, LNSD15, LWP17, MED11, MGRB11, MHV17, MP11, MSI10, MRVF13, MC12, MVI16, Mis12]. using \cite{MM10, MSML10, MGR16, MSS14, NGM10, OBH10, OKM12, OYK14, PSBT12, PPV11, PDRG10, PVK17, PR10, PR12, PCEHI5, PMVG16, PA13, RDP14, RMS12, RLMGM11, SEW12, SEW14, SÖÖN11, SW14c, SWL15, SPMM11, SD10b, SA15b, SLR11, SSF14, Sie16, SC15, SN16, SPS10, SKH10, SHL12, S10a, SSK13, TOB14, TVGB15, TW15, TCP13, UBR10, VSO13, VVAV11a, VJC12, WISA11, WW15, WLG13, WAHL13, WMRR17, WFV14, WAW14, XLX15, YZ16.
YK10, Yi11, YBK11, YBNY13, YE14a, YB13, YXT15, YG12, ZBG16, ZDWWY10, ZMvE13, dJBIM16. USPEX [LOSZ13]. utilitarian [CB15a, CB17]. utilization [sLqSqL13, SMCB15]. UV [Deg15, Fen12b]. UV-divergent [Fen12b].


Version [AFZ17, CB17, ZZD16, AC13, BCP13, BB13a, BH16, BLG14, Bon15, Bon16, BHV12, BHH15, CWW10, CW15, Cip11, FLA16, Gin10, GRR14, GFB10, GBJ13, GCA14a, HAV14, JCL10, JGB13, Kol14, KDM11, KUUV13, LCJ10, LZ11b, LRR15, MFS10b, MAM14, MYP14, MG10b, Nat09, Nat10, NS11a, OKP10, Org15, dRL11, dRAP11, PR12, Pit12, PVK14b, RBHH15a, RBHH15b, SDM12, SDS17, SIT16, SSK13, TV10, WMK11, WW13, XW15, ZXL16, ZMPT13, FP14, Semi16, ZE16]. versions [Cip13, KRW13, dSD12]. versus [FBN13, RD10]. vertex [Eks11, Sus17b]. vertexing [Dim14]. vertical [TKL12].

ACdS13, AG14, ADdM14, BK11a, Boc14, BHW+12, BMG+15, CS17, DG10b, DS10, DN13, GB11, GH15, GTG+11, JTT11, LPBH11, LN16, Maz13, Per14, SGDS16, SDL+16, TO10a, UA17, XLL15, YJK11, dHV12.


Volume [HK+12, BMS+16, BHW+12, CAN11, FBN+13, LHt+12b, LK15, ML14, MAA15, QLN14, SNB11, SC15, SHL+11, YLK10, Zagr14, ZDWM17, LYP14].


Voxel [Ham11]. VR [OK10]. vs [BBS14]. VSHEC [ZUT13].


Water [HDM+12, JTN+11, JXTS16, MA11, ORS+14, QM10, SMM11a, SMM11b, SBPN15, SA14]. Watershed [ORs+14]. Waterway [San11]. Wave [RCGT16, SS14, AV13, AM14b, Bad11, BF16, CLJ12, CZL+11, DS11b, DN13, DZ13, DKSG16, DH14, DA16, EUT+15, FM12, GB14, GCV14a, HK15, HZ11, HHC+10, JCW+13, JGAL+13, KH11, KM10, KIR10, LT15, LZZL10, sL10, LYL+17, MED11, MBF+10, MA11, MSH11, OWS+14, PG10, PYW+14, PQTGS17, PMS+15, Raw15, Re12, Sar17a, Sar17b, SW+12, SKH+10, TL17, TVT+16, TH17, THJ+10, WGG16, YLO13, JTH14].

Wave-functions [CLJ12]. Wave-packet [DHR14].


91
REFERENCES

[CECGS16, DPB16, ZHPS10]. Yukawa-folded [DPB16].


References

Aaij:2016:TAR


Andonov:2010:SSM


Ask:2010:REV


Arbona:2013:SGP

<table>
<thead>
<tr>
<th>REFERENCES</th>
<th>93</th>
</tr>
</thead>
</table>
Allanach:2014:NMS


Aslanyan:2017:ECD


Allanach:2010:IPV


Antoine:2013a:CMD


Alioli:2014:UBH


Xavier Antoine, Christophe Besse, Romain Duboscq, and Vittorio Rispoli. Acceleration of the imaginary time method for spectrally computing the stationary states of

**Awile:2012:FNL**


**Angeli:2013:AEM**


**Ayala:2015:AMP**


**Ayala:2016:AFP**


**Arnal:2017:SCS**

Ana Arnal, Fernando Casas, and Cristina Chiralt. On the structure and convergence of the symmetric Zassenhaus for-
REFERENCES


Avellar:2015:FHO


Alves:2013:GED


Antuono:2012:NDT


Antuono:2011:PGW


Antuono:2010:FSF

REFERENCES


References


References


REFERENCES

Avery:2017:XNV

Arioli:2012:LRM

Asadchev:2012:MPE

Alves:2014:CAP

Asunta:2015:MNB
[AGB+15] O. Asunta, J. Govenius, R. Budny, M. Gorelenkova, G. Tardini, T. Kurki-Suonio, A. Salmi, S. Sipilä, the ASDEX


REFERENCES


REFERENCES


Ahmed:2013:BSS


Aliev:2011:HHT


Adelmann:2016:DKS


Amodio:2014:NSW


Alvarez:2012:IHS


REFERENCES


REFERENCES


REFERENCES


REFERENCES


Anonymous:2012:EBc


Anonymous:2012:EBd


Anonymous:2012:EBe


Anonymous:2012:EBf


Anonymous:2012:EBg


Anonymous:2012:EBh

REFERENCES


REFERENCES

Anonymous:2013:EBb


Anonymous:2013:EBc


Anonymous:2013:EBd


Anonymous:2013:EBf


Anonymous:2013:EBg


Anonymous:2013:EBh

REFERENCES


<table>
<thead>
<tr>
<th>Anonymous:2015:EBd</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Anonymous:2015:EBe</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Anonymous:2015:EBf</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Anonymous:2015:EBg</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Anonymous:2015:EBh</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Anonymous:2015:EBi</th>
</tr>
</thead>
</table>


REFERENCES

Anonymous:2016:EBi

Anonymous:2016:EBj

Anonymous:2016:EBk

Anonymous:2016:IFC

Anonymous:2017:EBa

Anonymous:2017:EBb
Anonymous:2017:EBc


Anonymous:2017:EBd


Anonymous:2017:EBe


Anonymous:2017:EBf


Anonymous:2017:EBg


Anonymous:2017:EBh

Anonymous:2017:EBi

Anonymous:2017:EBj

Aldecoa:2015:HGG

Ayala:2014:DHI

Alcaraz-Pelegrina:2011:SPP
Aichhorn:2016:TDT

Amaku:2010:DCD

Abrarov:2010:HAA

Aragon:2014:CIAa

Aragon:2014:CIAb
REFERENCES


Almansa:2016:PGP


Afshar:2013:ESR


Andrienko:2013:SHM


Acs:2016:CAP


Adhikari:2013:CWP

Satrajit Adhikari and António J. C. Varandas. The coupled 3D wave packet approach for triatomic reactive scattering in hyperspherical coordinates. *Computer Physics
Assmann:2016:WOC


An:2011:SCM


Avery:2017:ROS


Azadegan:2013:MPC


REFERENCES

Bray:2016:SCC


Bray:2017:SCC


Berardi:2016:NDA


Barletta:2011:CCD


Barlett:2011:UEM


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


**Belyaev:2013:CCP**


**Beale:2016:OSC**


**Belanger:2011:SLI**


**Bertone:2014:APE**


REFERENCES


[BDPM15] Robert A. Bell, Simon M.-M. Dubois, Michael C. Payne, and Arash A. Mostofi. Electronic transport calculations in the onetep code: Implementation and applications. *Computer Physics Communications*, 193(?):78–88, August 2015. CODEN CPCHBZ. ISSN 0010-4655 (print), 1879-2944 (elec-
REFERENCES


BERG:2014:DSS


BERG:2016:CLS


BERG:2016:LSF


BEU:2011:SFA


BRESLAU:2010:IIS

REFERENCES


REFERENCES


Benda:2016:NVH


Benda:2017:RDG


Busa:2010:CPD


Borowka:2015:SNE

Bonnivard:2016:CJA


Bulow:2016:SPS


Basagaoglu:2017:ECP


Bothmann:2015:IMP


Binder:2015:RCI

REFERENCES


Busa:2012:ACO


Brein:2013:VHS


Bingemann:2013:SIS


Biswa:2015:IAD


Brugnano:2012:TSF

[BIT12] Luigi Brugnano, Felice Iavernaro, and Donato Trigiante. A two-step, fourth-order method with energy preserving properties. Computer Physics Communications, 183
REFERENCES


REFERENCES


Bahmann:2013:EEA


Bakulev:2013:FMP


Bytev:2015:HHF


Bhatt:2016:FOC


Bytev:2016:HHF

REFERENCES


 Bytev:2014:HFD


 Beneke:2016:NTP


 Buljan:2017:GAI


 Bauer:2016:IVT


 Brown:2012:IMD

[W. Michael Brown, Axel Kohlmeyer, Steven J. Plimpton, and Arnold N. Tharrington. Implementing molec-
Biborski:2015:CSD


Bakx:2016:FSO


Batistakis:2014:SGT


Blanes:2015:ESR

REFERENCES

Bonhommeau:2014:MVM


Bach:2013:LQB


Bernaschi:2017:GBD


Balac:2013:ERK


Bertsch:2016:FTH

<table>
<thead>
<tr>
<th>Reference</th>
<th>Authors</th>
<th>Title</th>
<th>Journal</th>
<th>Volume</th>
<th>Pages</th>
<th>Year</th>
<th>URL</th>
</tr>
</thead>
</table>
REFERENCES


[BO12] C. S. Bresolin and A. A. M. Oliveira. An algorithm based on collision theory for the lattice Boltzmann simulation of
Boer:2014:GBS

Bogner:2016:MPC

Bonhommeau:2015:MVM

Bonhommeau:2016:MVM

Bacchini:2017:NPC
Borinsky:2014:FGG


Botje:2011:QFQ


Botha:2012:GMA


Botto:2013:GMP


Boyd:2015:FWC


REFERENCES


Bhar:2013:CPW


Bertsch:2014:CLD


Bradler:2015:HGD


Barrio:2012:CAP


Brewin:2010:BIC

REFERENCES


Barash:2013:RPL


Bondarenko:2013:NEQ


Barash:2014:PGA


Barettin:2014:ORD


Barker:2015:DDT

Begau:2015:ADL


Bernal:2013:AGM


Borgoo:2010:MED


Bae:2013:GCS


Buckley:2012:FSP

REFERENCES


M. Bury and A. van Hameren. Numerical evaluation of multi-gluon amplitudes for high energy factorization. *Computer Physics Communications*, 196(??):592–598, November 2015. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-


Barrett:2016:SFP


Brown:2011:IMD


Brown:2013:IMD


Comesana:2013:SSP


Cai:2011:CSB

Chaabane:2011:ATD


Caplan:2013:NNS


Carasco:2010:MODa


Carasco:2010:MODb


Carasco:2016:CNM

REFERENCES

174


REFERENCES


Cardall:2017:GNB


Colagrossi:2012:PPA


Clark:2010:SLQ


Cooper:2014:BES


Clay:2017:DCD


REFERENCES


REFERENCES

Chen:2011:USF


Chen:2015:CPP


Chen:2012:SEH


Charpentier:2015:HOA


Camporeale:2016:VSD

REFERENCES


REFERENCES


REFERENCES


REFERENCES

Cota:2017:OGA


Carles:2012:DIS


Cuoci:2015:OOO


Calvo:2010:SSE


Conte:2013:MUF

Eric Conte, Benjamin Fuks, and Guillaume Serret. MadAnalysis 5, a user-friendly framework for collider phenomenology. *Computer Physics Communications*, 184(1):222–256,


REFERENCES


Cecilia:2017:ECE


Cheng:2010:LAM


Chetty:2011:NMS


Chiu:2011:EPC


Chou:2011:KBE


REFERENCES


REFERENCES


REFERENCES

Chen:2010:NME


Cheng:2011:MCM


Cosden:2013:HAC


Chiodo:2014:MSO


Cao:2015:CMF

REFERENCES


Yang Cao, Chun Liu, Yuehui Huang, Tieqiang Wang, Chen-jun Sun, Yue Yuan, Xinsong Zhang, and Shuyun Wu. Par-


Chau:2011:MAS


Cheng:2011:IRE


Cai:2010:ACT


Cai:2010:CAB


Crouseilles:2014:APS

[CM14b] Michal Czakon and Alexander Mitov. Top++: a program for
the calculation of the top-pair cross-section at hadron collid-
ers. *Computer Physics Communications*, 185(11):2930–2938,
November 2014. CODEN CPHCBZ. ISSN 0010-4655 (print),
com/science/article/pii/S0010465514002264.

excitation spectra of semiconductor nanowires within
effective bond orbital model. *Computer Physics Com-
munications*, 196(??):92–112, November 2015. CODEN
CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic).
URL http://www.sciencedirect.com/science/article/
pii/S0010465515002039.

[Cantwell:2015:NOS] C. D. Cantwell, D. Moxey, A. Comerford, A. Bolis, G. Rocco,
G. Mengaldo, D. De Grazia, S. Yakovlev, J.-E. Lombard,
D. Ekelschot, B. Jordi, H. Xu, Y. Mohamied, C. Eskilsson,
*Computer Physics Communications*, 192(??):205–219, July
2015. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-
science/article/pii/S0010465515000533.

Motta e Albuquerque, and Américo T. Bernardes. The diffusion
of technological knowledge through interlaced networks.
*Computer Physics Communications*, 182(9):1875–1878,
September 2011. CODEN CPHCBZ. ISSN 0010-4655 (print),
com/science/article/pii/S0010465510004789.

of photon-based spectroscopies on high-$T_c$ superconduc-
tors. *Computer Physics Communications*, 182(1):106–108,


REFERENCES


REFERENCES

transport simulator (PhonTS). Computer Physics Commu-
nications, 192(??):196–204, July 2015. CODEN CPHCBZ.

ClassSTRONG: Classical simulations of strong field pro-
cesses. Computer Physics Communications, 185(1):398–406,
January 2014. CODEN CPHCBZ. ISSN 0010-4655 (print),
com/science/article/pii/S001046551300310X.

parallel SPH code for free-surface flows. Computer Physics
Communications, 183(7):1468–1480, July 2012. CODEN
CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic).

[CPV13] Ondrej Certík, John E. Pask, and Jirí Vackár. dftatom:
a robust and general Schrödinger and Dirac solver for
atomic structure calculations. Computer Physics Commu-
nications, 184(7):1777–1791, July 2013. CODEN CPHCBZ.

[CR12] Jan L. Cieśliński and Boguslaw Ratkiewicz. Discrete gra-
dient algorithms of high order for one-dimensional systems.
Computer Physics Communications, 183(3):617–627, March
2012. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-
science/article/pii/S0010465511003961.


Croker:2016:NDG


Chun:2010:HPT


Chandrasekar:2016:EEC


Chen:2017:RLO


Cardoso:2013:LGF


REFERENCES

Chudoba:2013:UPS


Cheng:2015:AGP


Chen:2015:KNF


Childers:2017:ASA


Clason:2012:GSMa

REFERENCES


[Chang:2010:GUV] Chao-Hsi Chang, Jian-Xiong Wang, and Xing-Gang Wu. GENXICC2.0: An upgraded version of the generator for hadronic production of double heavy baryons Ξcc, Ξbc, and
REFERENCES

Chang:2015:BNU

Chen:2015:IPA

Chane-Yook:2011:UUC

Chen:2012:SSE


REFERENCES


Daniluk:2010:MDDb

Daniluk:2011:CCC

Daniluk:2012:VMS

Daniluk:2014:RIT

Daniluk:2016:RIT
Dattani:2013:FMP


DiNapoli:2013:BIE


deBuyl:2014:VPN


DiNapoli:2012:CSG


deBuyl:2014:HSE


REFERENCES


Duchemin:2010:SAA


Durand:2016:ECP


Dugan:2013:CGP


Dhote:2015:SMA


Davidson:2011:MTV

REFERENCES


V. P. Druzhinin, L. V. Kardapoltsev, and V. A. Tayursky. GGRESRC: a Monte Carlo generator for the two-photon process $e^+e^- \rightarrow e^+e^- R(J^{PC} = 0^{-+})$ in the single-tag mode. *Computer Physics Communications*, 185(1):236–243, January 2014. CODEN CPHCBZ. ISSN 0010-4655 (print),


Otero-de-la-Roza:2011:GNV


Dziubak:2012:OOI


Dehghan:2017:NSB


Doctors:2010:CEM

REFERENCES


Gallo:2016:CBM


Dimitroulis:2015:PTC


Davina:2016:OAI


Deuzeman:2012:LMP


Dehghan:2010:SNT

Decyk:2011:APC


Dehghan:2011:SWS


DeVuyst:2013:GAN


Dlamini:2013:QDC


Dlotko:2013:PIA

Pawel Dlotko and Ruben Specogna. Physics inspired algorithms for (co)homology computations of three-dimensional combinatorial manifolds with boundary. *Computer Physics Communications*...


[Danielson:2017:SDR] Thomas Danielson, Jonathan E. Sutton, Céline Hin, and Aditya Savara. SQERTSS: Dynamic rank based throttling of
REFERENCES


REFERENCES


[DSW15b] Carlos A. Argüelles Delgado, Jordi Salvado, and Christopher N. Weaver. A simple quantum integro-differential
REFERENCES

233


[Dua12] C. A. Duarte. Compact expressions for the magnetoresistance and the electron/hole density of states un-


REFERENCES


REFERENCES


Einkemmer:2016:HPC


Einkemmer:2016:RMS


El-Kurdi:2015:PFE


Eitzlmayr:2014:NMM


Edvardsson:2016:CPA

Ekstrand:2011:LMP


Efremenko:2014:MCC


Eisenbach:2017:GAL


Ellis:2017:TZF


Emeliyanov:2011:NAF


Guo-Kang Er. Probabilistic solutions of some multidegree-of-freedom nonlinear stochastic dynamical systems

**Espejo:2012:WFA**


**Estevez-Rams:2015:VLV**


**Eriksson:2010:THDa**


**Eriksson:2010:THDb**


**Eriksson:2010:ETH**

David Eriksson, Johan Rathsman, and Oscar Stål. Erratum for “2HDMC — two-Higgs-doublet model calcula-
REFERENCES


Eremin:2016:DSM


Egami:2011:FPS


Eckert:2016:HAL


Eaves:2016:CRV


Fawzy:2010:CAF

Wafaa M. Fawzy. A code for analysis of the fine structure in near-rigid weakly-bonded open-shell complexes that consist of a diatomic radical in a $^3\Sigma$ state and a closed-shell molecule.
Foucar:2012:CCA


Freire:2010:CSI


Faugeras:2017:OCC


Frances:2013:PAF

REFERENCES


**Fleischhaker:2011:MSS**


**Frisch:2011:HPP**


**Feng:2012:AGM**


**Feng:2012:RMC**


**Feng:2016:AGM**


REFERENCES


REFERENCES


Fischbacher:2012:NTV


Ferrand:2017:UOB


Fitzgerald:2012:DPM


Feger:2015:LMA


Frijters:2015:PHK


Fang:2010:ERM  Yonglei Fang, Qinghong Li, and Xinyuan Wu. Extended RKN methods with FSAL property for oscillatory systems. *Computer Physics Communications*, 181(9):1538–1548, September 2010. CODEN CPHCBZ. ISSN 0010-4655 (print),
REFERENCES


[Fang:2010:ERT] Yonglei Fang, Qinghe Ming, and Xinyuan Wu. Extended RKN-type methods with minimal dispersion error


REFERENCES

Frigori:2010:UST

Fritzsche:2012:RPR

Frigori:2014:NLG

Fritzsche:2014:FTQ

Frigori:2017:PPL

Falloon:2017:QMP
Peter E. Falloon, Jeremy Rodriguez, and Jingbo B. Wang. QSWalk: a Mathematica package for quantum stochas-


Gaenko:2017:UCL


Gagunashvili:2012:CCT


Gagunashvili:2012:CCG


Gao:2016:RMG


Goicochea:2015:RDR

A. Gama Goicochea, M. A. Balderas Altamirano, J. D. Hernández, and E. Pérez. The role of the dissipative and random forces in the calculation of the pressure of simple fluids with dissipative particle dynamics. *Computer
REFERENCES


Gainullin:2017:HPG


Gao:2013:CPC


Guo:2013:LSN


Gramada:2011:CGE


Green:2014:IAP

REFERENCES


REFERENCES


REFERENCES


REFERENCES


**Grossu:2014:CVI**


**Graen:2016:NNS**


**Grossu:2013:HFAa**


**Gillet:2016:EFI**


REFERENCES

Gremse:2016:GAA


Gamillscheg:2011:NPT


Guillet:2014:TNA


Gingrich:2010:MCE


Giorgino:2014:CDA

Toni Giorgino. Computing 1-D atomic densities in macromolecular simulations: the density profile tool for VMD.
Giorgino:2014:PGE


Geng:2013:GAD


Gelmi:2014:IGP


Gonze:2016:RDA


REFERENCES

273

García:2013:SEP


Gerhard:2013:RHG


Gong:2012:PTU


Gomez-Lobo:2012:SMP


Gavin:2011:FCH

Ryan Gavin, Ye Li, Frank Petriello, and Seth Quackenbush. FEWZ 2.0: a code for hadronic Z production at


REFERENCES

Ghodrat:2011:MDS

Grisins:2014:MHT

Gonoskov:2016:SSP

Gituliar:2017:FTR

Gao:2017:PDF
REFERENCES

Grise:2011:SRU


Gao:2015:TSG


Galiana-Merino:2014:ECD


Galiana-Merino:2013:SCD


Gowrisankar:2014:RNS


Grigera:2011:GGL


Glass:2014:IMS


Gutierrez:2010:QCS


Glazov:2010:FSS


Greynat:2014:NAE

[David Greynat and Javier Sesma. A new approach to the epsilon expansion of generalized hypergeometric functions.]
REFERENCES


REFERENCES


Gil:2015:GPI


Gil:2017:ECL


Germaneau:2013:IMB


Gudmundsson:2011:TDM


Gonzalez:2011:EDA


REFERENCES


REFERENCES


Giannotti:2013:MGI


Guo:2015:SDP


Gallicchio:2015:ARE


Guo:2010:REC


Gao:2014:ETL

Miao Gao, Gui-Ping Zhang, and Zhong-Yi Lu. Electronic transport of a large scale system studied by renormalized


[HBH+17] Changjun Hu, He Bai, Xinfu He, Boyao Zhang, Ningming Nie, Xianmeng Wang, and Yingwen Ren. Crystal MD: the massively parallel molecular dynamics soft-


REFERENCES

Hung:2011:ETI


He:2016:FAW


Ho:2014:TSE


Hsieh:2016:EAC


Hung:2011:DPI

REFERENCES

Halder:2014:JAS


Hwang:2010:PNK


Huang:2011:FRR


Harvey:2011:STP


Hynninen:2012:MDI


Hoefling:2013:SFS


Hernandez-Garcia:2015:CAS


Hsiao:2011:ARE


Hung:2011:CRN


Huang:2010:MTF

Hsieh:2016:IAU


Hunt:2015:PCN


Hoschele:2014:MMP


Hynninen:2016:OOP

Hung:2010:IPP


Huang:2014:OTE


Hinde:2011:QMD


Hirel:2015:ATM


Hook:2014:CSS


[HKVR10] Marco Hülsmann, Thorsten Köddermann, Jadran Vrabec, and Dirk Reith. GROW: a gradient-based optimization work-

**Haar:2017:APF**


**Huang:2013:NNE**


**Hu:2013:PSG**


**Hao:2013:NIV**


**He:2016:OSA**

[HLLH16] Yu-Xuan He, Liang Li, Stéphane Lanteri, and Ting-Zhu Huang. Optimized Schwarz algorithms for solving time-


REFERENCES

Huber:2012:HEH


Hu:2011:NSG


Hoffmann:2014:KLK


Hasegawa:2010:AAG


Hariri:2013:FCI


Hohenester:2014:OMT

Ulrich Hohenester. OCTBEC — a Matlab toolbox for optimal quantum control of Bose–Einstein condensates. *Co-
REFERENCES

Hohenester:2014:SEE


Honda:2010:STF


Hsu:2011:FMC


Hammer:2014:SGL


Hahn:2017:IIM


[Hinz:2015:PBS]

[Horst:2011:CPA]

[Ho:2011:GFM]

[Hansen:2011:P]

[Henke:2014:MSP]
REFERENCES


Hollis:2013:TRT


Hollis:2014:TRT


Huang:2017:LLC


Haelterman:2015:ACT


Honkonen:2013:PGL

Hulsmann:2010:ANO

Hehn:2017:HTS

Huang:2011:NSL

Hutchinson:2012:VGA

Huang:2011:ESC
Hafermann:2013:EIC


Hu:2017:KOS


Huang:2015:IOS


Held:2016:TDG


Holmes:2010:EBA


REFERENCES


[Ito:2016:VBI] Keiichi Ito, Ivo Couckuyt, Silvia Poles, and Tom Dhaene. Variance-based interaction index measuring heteroscedastic-

**Ibanez:2011:SDM**


**Ihnatsenka:2012:CEQ**


**Ito:2016:IRE**


**Nomura:2015:ELS**


Izaac:2015:PCT


Ixaru:2010:NNM


Ixaru:2012:RKM


Ixaru:2016:NAS


Isakov:2015:OSA


Jablonski:2012:EAC

REFERENCES


Jefferson:2013:AAS


Jefferson:2014:FAS


Jaeken:2016:SCE


Jezequel:2010:NVC


Jia:2013:APW


REFERENCES


Jiang:2013:FGC


Jonsson:2013:NVG


Jucker:2011:IMI


Jelinek:2011:CHV


Jiao:2015:CTE

Li Guang Jiao and Yew Kam Ho. Computation of two-electron screened Coulomb potential integrals in Hylleraas basis sets. *Computer Physics Communications*, 188(??):


[Jiw15b] Ram Jiwari. Lagrange interpolation and modified cubic B-spline differential quadrature methods for solving hyperbolic partial differential equations with Dirichlet and Neu-


Xiang-Wei Jiang, Shu-Shen Li, and Lin-Wang Wang. A small box Fast Fourier Transformation method for fast Pois-


REFERENCES

Jenkins:2011:AAE


Januszewski:2015:GBA


Jiang:2014:GSM


Joulaian:2012:NAS


Khalid Jamil, Siraj ul Islam Ahmad, and Shahid Manzoor. HIBRA: a computer code for heavy ion binary reaction
References


Kaprzyk:2012:AFI


Kaprzyk:2012:AFS


Kappl:2016:SCS


Khan:2015:STP


Kosti:2012:OER

REFERENCES


REFERENCES


Kupczynski:2016:BSI


Kiesewetter:2017:AIS


Kong:2011:IVG


Karimi:2017:PNO


Kuijpers:2014:OLD

Kauzlaric:2014:SSP


Kalantzis:2012:UST


Kerby:2017:EDN


Kim:2016:CGS


Koehne:2013:PTP

Korpilo:2016:GFT

Kunze:2010:LTM

Kroger:2010:ASC

Kar:2011:RSP

Kleiber:2012:PMF
R. Kleiber and R. Hatzky. A partly matrix-free solver for the gyrokinetic field equation in three-dimensional geometry. *Computer Physics Communications*, 183(2):305–308, February 2012. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-
REFERENCES


Kirby:2010:CRP


Kamali:2013:IMF


Khoromskaia:2014:MPM


Khoromskaia:2014:GBL


Kafri:2016:BPN


REFERENCES


REFERENCES

Khanna:2010:NMG

Kuchelmeister:2012:GBF

Kohno:2012:FEP

Krasilnikov:2011:FPD

Kroonblawd:2016:GCC
Matthew P. Kroonblawd, Nithin Mathew, Shan Jiang, and Thomas D. Sewell. A generalized crystal-cutting method for


REFERENCES


Komura:2015:GBC


Komura:2015:MGB


Komura:2015:OPS


Kong:2011:PDM


Kachelriess:2012:EMC


Kumar:2013:PGS


Kozlov:2015:CMP


Kniehl:2016:MCL


Kuipers:2013:IMH


Kwon:2017:ITT

Kumar:2014:NAM


Kylanpaa:2016:EES


Krawczyk:2010:ADE


Kramida:2011:PLL


Kramida:2017:CIC

REFERENCES


Kondayya:2012:FHF


Kroonblawd:2015:SNU


Khorasanizade:2016:TDS


Kiviniemi:2016:ESS


Kesselheim:2011:AID

REFERENCES

Koenka:2014:IOS


Kirchner:2011:WCC


Karasiev:2014:FTO


Koyama:2014:IDL


Kim:2015:FCC

[KSTR15] Jong Soo Kim, Daniel Schmeier, Jamie Tattersall, and Krzysztof Rolbiecki. A framework to create customised


REFERENCES

Koval:2010:USB


Karasiev:2012:ICO


Kucherenko:2012:EGS


Knight:2012:CGT


Kaneko:2010:GMS

REFERENCES

Kuipers:2015:COF


Kuipers:2013:FV


Koleva:2010:TGQ


Kosmas:2010:PFD


Kleiss:2011:CCL

Korzec:2011:PWA


Kageyama:2014:AEV


Kim:2015:CDV


Kim:2015:DVF


Kawamura:2017:QLM

REFERENCES


Predrag Lazić. CellMatch: Combining two unit cells into a common supercell with minimal strain. Computer Physics Communications, 197(??):324–334, December 2015. CODEN


Benzhuo Lu, Xiaolin Cheng, Jingfang Huang, and J. Andrew McCammon. AFMPB: an adaptive fast multi-

**Lamotte:2010:CVC**


**Li:2014:SSB**


**Lin:2011:HBS**


**Lundberg:2010:LDC**


Lerner:2013:SDO


Leon:2012:EMS


Lesur:2016:MSI


Liu:2012:FES


Li:2014:KFB


Li:2016:AOT


Lin:2014:SEB


Liu:2016:PAA


Liu:2011:EPI


Lin:2013:PCS


Liu:2015:PTA

Lv:2016:OSM

Lee:2011:GWB

Lee:2011:TDS

Lin:2011:LRR
Lee:2012:EAN


Liu:2015:LIV


Lehe:2016:SQC


Lee:2011:PAC


Laptyeva:2016:CFS

Loft:2016:CCL


Lo:2011:MHS


Lu:2012:SPM


Lou:2015:MNF


Levy:2017:IME


Liang Li, Stéphane Lanteri, and Ronan Perrussel. A class of locally well-posed hybridizable discontinuous Galerkin
REFERENCES


REFERENCES


Laburta:2015:NMN


Li:2016:MCB


Lv:2017:CDS


Lopez:2015:CSJ


Litsarev:2014:DCC

REFERENCES


REFERENCES


[LR16] P. J. J. Luukko and E. Räsänen. Corrigendum to “Imaginary time propagation code for large-scale two-dimensional eigen-

Li:2011:GTR


Luo:2013:IMM


Lopez:2015:DNV


Lopez:2017:TME

Levchenko:2015:HFL


Londero:2011:VPV


Li:2012:NMS


Lindner:2012:SXR


Luscher:2013:LQO


Tiziano Leidi, Giulio Scocchi, Loris Grossi, Simone Pusterla, Claudio D’Angelo, Jean-Philippe Thiran, and Alberto Ortóna. Computing effective properties of random heterogeneous materials on heterogeneous parallel processors. *Com-
López:2013:ISP


Lin:2013:TDR


Lourderaj:2014:VNS


Lichtenstein:2017:HPF

REFERENCES


REFERENCES


Liu:2014:MAM


Loke:2016:OVU


Loke:2014:OOP


Li:2011:MCS


Li:2012:HDM

Los:2017:IAI


Luo:2016:GAC


Ling:2010:HTS


Li:2011:TSE


Li:2014:LAB

Lang:2012:QBS


Li:2014:SCC


Lorin:2016:FGA


Lyakh:2015:ETT


Li:2010:CRN


LY16


LYJY10


Xiangwen Lu, Jiabin Yuan, and Weiwei Zhang. Workflow of the Grover algorithm simulation incorporating


[LPZ12] Alan R. Levin, Deyin Zhang, and Eric Polizzi. FEAST fundamental framework for electronic structure calculations: Re-


[MAIVAH14] M. Molero-Armenta, Ursula Iturralán-Viveros, S. Aparicio, and M. G. Hernández. Optimized OpenCL imple-
REFERENCES

389


McIntyre:2012:FJB


Mosert:2016:PSQ


Marquardt:2010:PWI


Michalicek:2013:ELE


Moxley:2012:GFD


Mohankumar:2010:NAD


Mei:2012:NSR


Majorosi:2016:FOR


Myneni:2017:CEE


Mani:2017:RPR

[MCA17] B. K. Mani, S. Chattopadhyay, and D. Angom. RCCPAC: a parallel relativistic coupled-cluster program for closed-shell and one-valence atoms and ions in FORTRAN. *Computer Physics Communications*, 213(??):136–154, April 2017. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (elec-
Miqueles:2014:ART

Mitnik:2011:CMG

Mycek:2017:RDD

Melazzi:2012:SFD

McMillan:2017:PMF
Ben F. McMillan. A partially mesh-free scheme for representing anisotropic spatial variations along field lines. Computer


Martinez:2016:POS


Macias-Diaz:2010:SET


Mohebbi:2010:HOS


Macias-Diaz:2011:SCP


Miqueles:2011:CLR


REFERENCES

Mercado:2012:WAS

Mertmann:2011:FSO

Mendl:2011:FTF

Montoliu:2013:IEL


REFERENCES


Marojevic:2016:APF


Masala:2013:IMC


Municchi:2016:HES


Malcioglu:2011:TCS


Mercado:2013:SWA


Miura:2011:VPI


Maeyama:2012:HMS


Maeyama:2013:NTP


Miyatake:2015:DEP


McMillan:2010:RFS

REFERENCES


**Moddel:2011:AFP**


**Mierzwiczak:2010:AMF**


**Morozov:2011:MDS**


**Manka-Krasoń:2010:CRL**


**Merz:2012:MDG**

REFERENCES


Monovasilis:2010:SPR


Matsumoto:2012:ATV


Moran:2011:DQO


Melazzi:2014:ASV


Mortensen:2016:HPP

Mikael Mortensen and Hans Petter Langtangen. High performance Python for direct numerical simulations of turbu-
REFERENCES


**Marx:**2017:HPX


**Markosyan:**2014:PTF


**Manuali:**2010:GGF


**Meier:**2010:SES


**Marmier:**2010:ECP

[MLW+10] Arnaud Marmier, Zoe A. D. Lethbridge, Richard I. Walton, Christopher W. Smith, Stephen C. Parker, and Ken-
REFERENCES


**Mokhtari:2010:NSG**


**Morhac:2011:ESM**


**Mokhtari:2012:MMS**


**Mangiardi:2017:HAP**


**Minoshima:2015:FVF**

MMA15 Takashi Minoshima, Yosuke Matsumoto, and Takanobu Amano. A finite volume formulation of the multimoment advection scheme for Vlasov simulations of magnetized plasma. *Computer Physics Communications,
REFERENCES

Mazzeo:2010:SRT


Makarashvili:2017:PAE


Ma:2015:QWQ


Meres:2011:GHP

Mohankumar:2010:IVI


Mohankumar:2016:VAN


Moreno:2015:CMR


Mushtaq:2011:VHP


Morris:2014:OTO

REFERENCES


Mao:2011:ERM


Menz:2010:TIT


McClure:2014:NHA


Marchand:2013:LPC


Miqueles:2015:GIX

Mohankumar:2013:SCE


Mawson:2014:MTO


Mokos:2015:MPS


Maruhn:2014:TCS


Mayrhofer:2013:IWB

REFERENCES

Mazzeo:2010:LNL


Menshutin:2011:MDD


Matsuoka:2014:AIC


Mohankumar:2015:SRR


Munejiri:2011:RSI

REFERENCES


Ian Mondragon-Shem, Boris A. Rodríguez, and Francisco E. López. Efficient calculation of Coulomb matrix


References


REFERENCES


Mikram:2013:PCP


Zhao:2015:ASE


Nisar:2016:SSB


Nath:2009:TVI

Nath:2010:ETV


Nazarov:2012:AMM


Nakano:2015:FSS


Nemes:2014:DMR


Needham:2016:EAM

Navarro:2015:PFT


Niemeyer:2017:PAJ


Nemura:2016:IDE


Neumann:2016:MSD


Nazarov:2017:PSU

REFERENCES


Trung Dac Nguyen. GPU-accelerated Tersoff potentials for massively parallel molecular dynamics simulations. *Com


REFERENCES


REFERENCES


REFERENCES


Y. C. Ou, Y. H. Chiu, J. M. Lu, W. P. Su, and M. F. Lin. Electric modulation effect on magneto-optical spec-
REFERENCES


Odrzywolek:2011:GIR


Okuyan:2014:BTP


Obrejan:2017:DNZ


Ohno:2010:RIV


Odaka:2012:GIS

Shigeru Odaka and Yoshimasa Kurihara. GR@PPA 2.8: Initial-state jet matching for weak-boson production pro-

Ozgun:2014:CTA


Ogren:2011:SSF


Oh:2012:MOO


Ogoyski:2010:COU

Ogarko:2012:FMA


Oger:2016:DMM


Oquendo:2011:IRC


Ohzeki:2011:QAJ


OBroin:2012:OIS


REFERENCES

Ovaysi:2012:MGA

Opletal:2011:HHR

Opletal:2014:HHR

Opletal:2013:HHR

Ossandon:2017:NNA
Sebastián Ossandón, Camilo Reyes, Patricio Cumsille, and Carlos M. Reyes. Neural network approach for the calculation of potential coefficients in quantum mechanics. *Com-
REFERENCES

Oskooi:2010:MFF

Orgogozo:2010:OSM

Osterman:2010:TOT
<table>
<thead>
<tr>
<th>References</th>
<th>Title</th>
<th>Authors</th>
<th>Journal</th>
<th>Volume</th>
<th>Issue</th>
<th>Pages</th>
<th>Year</th>
<th>Digital Object Identifier</th>
</tr>
</thead>
</table>
Ogburn:2014:FDC


Ozkaynak:2013:SPP


Ohno:2014:PMD


Poursina:2013:CES


Palmai:2012:RMS

Panzer:2015:ASI


Panopoulos:2011:SES


Paternoster:2012:PSA


Patel:2015:PXM


Patel:2017:PXM

REFERENCES


[PF+16] Ondrej Pártl, Michal Benes, Peter Frolovic, Tissa Illangasekare, and Kathleen Smits. Numerical modeling of non-


REFERENCES


[PH13] Szilárd Páll and Berk Hess. A flexible algorithm for calculating pair interactions on SIMD architectures. *Com-


[PLF+17] Nick Papior, Nicolás Lorente, Thomas Frederiksen, Alberto García, and Mads Brandbyge. Improvements on non-equilibrium and transport Green function techniques: the


REFERENCES


Alexei Y. Pankin, Alex Pletzer, Srinath Vadlamani, John R. Cary, Ammar Hakim, Scott E. Kruger, Mahmood Miah, Thomas D. Rognlien, Svetlana Shasharina, Glenn Bateman, Arnold H. Kritz, Tariq Rafiq, and FACETS team. Simulation of anomalous transport in tokamaks using the FACETS
REFERENCES


K. Parand and J. A. Rad. Kansa method for the solution of a parabolic equation with an unknown spacewise-


[PR13] K. Parand and J. A. Rad. Kansa method for the solution of a parabolic equation with an unknown spacewise-


[PR13] K. Parand and J. A. Rad. Kansa method for the solution of a parabolic equation with an unknown spacewise-

**Pang:2014:GAO**


**Pradhan:2011:CWP**


**Prausa:2017:ETF**


**Pletzer:2011:EMS**


**Porod:2012:SEI**

W. Porod and F. Staub. SPheno 3.1: extensions including flavour, CP-phases and models beyond the MSSM. *Com-


Paissoni:2015:GGT


Pratapa:2016:SQM


Phan-Thien:2014:ETD


Pekmen:2012:DQS


Pigg:2014:ERD


REFERENCES

Payne:2017:ASS


Pizzi:2014:BCE


Pizzi:2014:UVB


Pekkila:2017:MCF


Peng:2014:RCI

[Zhong Peng, Hong Wei Yang, Rui Weng, Yingjie Gao, and Ze Kun Yang. A research on the CN-ICCG-FDTD algo-]
REFERENCES


Quackenbush:2013:PLF


Qiu:2010:CSG


Qiu:2014:RCE


Qiang:2010:HOF


Qiang:2016:ETD

REFERENCES

Qiang:2017:FPP


Qin:2016:IDM


Qiang:2010:PFD


Qiu:2016:PIG


Quinlan:2014:DMF

Qamar:2010:KFV


Qian:2014:SEM


Quan:2015:NOA


Qamar:2011:STC


Raffah:2013:ECW


Rashidi:2009:MDT


Rashidi:2017:CMD


Rancova:2011:NMS


Rawitscher:2015:SPA


Rawitscher:2016:TTB

REFERENCES


REFERENCES

Reimer:2016:CMB


Rosiek:2010:SCT


Rangel:2016:WBP


Ren:2016:MBD


Rostrup:2010:PHP


REFERENCES


REFERENCES


REFERENCES

Roeller:2012:SSE


Ren:2012:HOU


Rourke:2012:NEH


Ryu:2016:TES


Ren:2016:IPS

REFERENCES

Jiang:2011:PIC


Reith:2011:MWF


Ramos:2010:REF


[RM10a] J. Rashidinia and R. Mohammadi. Tension spline approach for the numerical solution of nonlinear Klein–Gordon equa-
REFERENCES

Rawat:2010:MRN


Robinson:2014:NFG


Rocha:2016:UZC


Reis:2012:DOP


Ridgeway:2013:VDA

William K. Ridgeway, David P. Millar, and James R. Williamson. Vectorized data acquisition and fast triple-

[Rohe:2016:HPF]


[Romano:2015:AGR]


[Rosiek:2015:SFV]


[Rosiek:2016:MMP]


[Roehm:2015:DDK]

REFERENCES


REFERENCES

Regnier:2016:FFE

Rubow:2011:FAC

Russell:2015:OTD

Sundararaman:2014:ECD

Sharma:2015:OHS
Medha Sharma and M. A. H. Ahsan. Organization of the Hilbert space for exact diagonalization of Hubbard model.


Sokolovski:2011:EMP


Savvidy:2015:MRN


Smadi:2011:CSS


Schram:2013:SPC


Sokolov:2017:FIP


Squire:2014:VAV


Sprung:2013:FFT


Sarlis:2014:VSR


Sijoy:2015:TTT


Sibaev:2016:PFO

Marat Sibaev and Deborah L. Crittenden. PyVCI: a flexible open-source code for calculating accurate molecular infrared

**Sijoy:2016:CNC**


**Sprengel:2017:CCC**


**Schmid:2012:AIP**


**Stupovski:2011:ACT**


Stegmeir:2016:FLM


Scott:2013:ECS


Scott:2016:E


Shang:2017:LDC


Schofield:2012:SSM

REFERENCES


Schunck:2017:SSH


Shcherbakov:2015:FGN


Semenov:2016:LPA


Serebrennikov:2010:NSA


Serov:2017:OFS

REFERENCES


REFERENCES


Sant:2016:ITG


Sala:2011:EIF


Sala:2011:IFM


Sanchez-Gil:2017:NNG


Shtabovenko:2017:FCF


Senkov:2013:HPF


Saito:2011:PGL


Sierakowski:2016:GCR


Souto-Iglesias:2013:CM

REFERENCES


REFERENCES


Seebacher:2012:TUL


Singh:2014:ENT


Sen:2015:SBS


Samana:2010:QNC


Seth:2016:TCC

[SKFP16] Priyanka Seth, Igor Krivenko, Michel Ferrero, and Olivier Parcollet. TRIQS/CTHYB: a continuous-time quantum Monte Carlo hybridisation expansion solver for quantum impurity problems. *Computer Physics Communications*


[SKML11] Ingve Simonsen, Jacob B. Kryvi, Alexei A. Maradudin, and Tamara A. Leskova. Light scattering from anisotropic,


REFERENCES


Shumlak:2011:APC


Solanpaa:2016:BSP


Si:2016:LSM


Silva:2011:STM


Sauter:2013:TCC

REFERENCES


REFERENCES


Sokolov:2013:AOI


Solovyev:2011:RMC


Shimojo:2013:LNQ


Schulz:2011:SDS


Staub:2012:TBI

Souvatzis:2014:UVE


Schreilechner:2016:RSF


Shelley:2011:AQC


Singh:2010:SAH


Singh:2011:AZT

Soulaine:2015:PLA


Su:2010:FPC


Shen:2016:IVC


Sekhar:2012:EHO


Sony:2010:GPF


References


REFERENCES


Jing Shen, Wei E. I. Sha, Zhixiang Huang, Mingsheng Chen, and Xianliang Wu. High-order symplectic FDTD scheme for...

**Simon:2016:PIA**


**Stoitsov:2013:ADS**


**Sylwestrzak:2017:MPD**


**Sitarek:2016:SRA**

REFERENCES


REFERENCES


Shabaev:2015:QFP


Stork:2017:DAE


Sussman:2017:CMP


Stockinger:2012:FMF


Schrock:2013:CLM

Mario Schröck and Hannes Vogt. Coulomb, Landau and maximally Abelian gauge fixing in lattice QCD with multi-GPUs. *Computer Physics Communications*, 184(8):1907–1919, August 2013. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-
REFERENCES


REFERENCES


Sarti:2013:BTE


Smiljanic:2014:MBP


Sa:2012:PUP


Sa:2013:PUI


Tabakin:2016:QQM

REFERENCES


REFERENCES


REFERENCES


Tickner:2010:MCS


Tickner:2014:APM


Tsukahara:2016:ILC


Tordella:2013:LES

REFERENCES


Timoshenko:2012:RMC


Tennyson:2015:MOI


Tang:2013:SIN


Tadano:2010:APB


Tavakkol:2017:CGA

Tagliaboschi:2014:PMI


Thirayatorn:2015:FDC


Trieu:2011:EBS


Teodoro:2011:MMS


Toyoda:2010:FSB

Masayuki Toyoda and Taisuke Ozaki. Fast spherical Bessel transform via fast Fourier transform and recurrence formula.
REFERENCES

Toyoda:2010:LLN

Tapiador:2014:FBH

Tomasik:2016:DHG

Tosiek:2010:FPM

Tuttafesta:2016:MGU
REFERENCES

Tabik:2012:VRR

Titus:2016:TRC

Troster:2011:WMS

Tueros:2010:TPS

Tsoulos:2011:ECP
Takahashi:2016:EBM


Tegeler:2017:PMF


Teijeiro:2013:PBD


Tong:2011:TDM


Tay:2014:PAD

Tang:2011:MTM


Tomiya:2011:QFD


Tsoulos:2016:PIP


Toll:2014:DMM


Turemen:2015:GAR

G. Turemen, G. Unel, and B. Yasatekin. A graphical approach to radio frequency quadrupole design. *Computer
REFERENCES


References


REFERENCES


Vogel:2011:APN


Velasco:2012:IIS


Valiev:2010:NCS


Voyiatzis:2015:GAI


Voronych:2017:NME

REFERENCES


[VDB14] Ilya Valuev, Alexei Deinega, and Sergey Belousov. Implementation of the iterative finite-difference time-domain

[Valentim:2015:EST]


[Vladimirov:2011:GWI]


[Valentim:2014:DET]


[vanderSman:2010:MLB]

vanderSman:2013:ILB


vanderSman:2016:AIL


Veberic:2012:LFA


Voitcu:2012:CSF


Verheyen:2016:RCP

REFERENCES

Vranic:2015:PMA


vonHippel:2010:TMA


vanHameren:2011:OEO


Voglis:2015:PMP


Vu:2012:FHS

REFERENCES


REFERENCES


REFERENCES


Brecht Verstichel, Helen van Aggelen, Dimitri Van Neck, Patrick Bultinck, and Stijn De Baerdemacker. A primal-dual semidefinite programming algorithm tailored to the


REFERENCES


[WAW14] Un-Hong Wong, Takayuki Aoki, and Hon-Cheng Wong. Efficient magnetohydrodynamic simulations on distributed


REFERENCES


Welling:2011:ELC


Waltz:2012:CMM


Walczak:2016:BBA


Wang:2016:SIG


Warren:2016:GOS

REFERENCES


Wilson:2015:EIF


Wallerberger:2011:FCC


Witzens:2014:ICD


Wang:2014:PTM


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


[Wang:2016:TDS]


[Wong:2011:EMS]


[Wong:2011:EPR]


[Wong:2014:GMS]
REFERENCES


REFERENCES


Xiong:2013:GAA


Xu:2015:SHA


Xiao:2016:MPC


Xu:2016:EIP

REFERENCES

**Xiao:2015:EVS**


**Xiao:2013:SAA**


**Xie:2012:FOC**


**Xu:2013:NID**


**Xu:2012:ADI**


REFERENCES

Yang:2011:HCO

Yi:2011:PEG

Yuan:2011:MGM

Yang:2010:AWL

Yi:2012:FCM
REFERENCES


Yu:2017:SFV


Yang:2015:HTR


Yakovlev:2017:ACV


Yang:2013:BEG

REFERENCES

Yu:2011:TDD


Yang:2009:ERT


Yu:2015:ENC


Yu:2015:MNC


Yan:2016:NEP


**Yang:2014:SNT**


**Yu:2010:CSC**


**You:2011:TFS**


**Yan:2017:PSO**


**[YZWR14]**

**[YZY10]**

**[YZZ11]**

**[YZZ+17]**


Zhen:2012:DFH


Zhu:2017:DOS


Zanotti:2015:HOS


Zinchenko:2013:NGF


Zhang:2017:UEB

Liming Zhang, Ali Deng, Minghong Wang, and Xianzhu Meng. The use of the edge basis function for non-conformal


Zilibotti:2011:ICA

Zhai:2014:NST

Zhao:2016:PTL

Zheleznyakova:2015:MDB

Zhong:2011:PBN
Jiahang Zhong, Run-Sheng Huang, and Shih-Chang Lee. A program for the Bayesian Neural Network in the
REFERENCES

Zhang:2010:RFY


Zhang:2013:SNS


Ziolkowski:2014:NAN


Zitko:2011:SMP


Zuniga:2013:MID

Zentile:2015:EPC


Zuccaro:2011:MMP


Zhao:2013:IHA


Zhang:2017:MAG

Zhao:2012:MMC


Zlokazov:2013:VGD


Zlokazov:2014:CIO


Zheng:2012:MPC


Zierenberg:2013:SPP


Zheng:2013:MVN


Zwart:2013:MPS


Zhou:2015:EHO


Zhang:2013:VME


Zhang:2015:PAS

[ZPH+15] Bo Zhang, Bo Peng, Jingfang Huang, Nikos P. Pitsianis, Xiaobai Sun, and Benuhuo Lu. Parallel AFMPB solver

Zheng:2016:EOF


Zhang:2012:SSS


Zheleznyakova:2013:MDB


Zhu:2011:MSW

REFERENCES


[Zlokazov:2013:VPA] V. B. Zlokazov, V. K. Utyonkov, and Yu. S. Tsyganov. VSHEC — a program for the automatic spectrum calibra-
REFERENCES

Zhao:2015:NMN

Zhao:2010:VIM

Zhang:2016:NVC

Zhou:2015:UIP
REFERENCES


