Title word cross-reference

\( (2 + 1)D \) [HP14]. \( (MC)^3 \) [KSW15]. 1
[CC14, Gio14a, HTT13, HTT14, MGL13, PM16, RKVL14, SBH\(^+\)14, WNYP17].
1 + 1 [SOÖN11]. 1/2 [HvWT17]. 2
[APC\(^+\)14, BBB17b, BVP10, EW14a, FJK\(^+\)17, FK12, GCVA14b, Gwi12, Ixa10,
KO14b, KO16, RAV11, SW14a, SW14b, SA15b, SKK11, SW11, TMA\(^+\)15,
TY10, TKL\(^+\)12, TPC16, VLM11, WMRR17, YLKN17, YTYA17, ZSW\(^+\)17a].
3 [AV13, AGMS15, BAR12b, CP15a, CPCdM18, DG13, RFH10, GS15,
Gai17, GMF\(^+\)17, GG16, GX15, HKJ\(^+\)12, HDMI\(^+\)12, JEC\(^+\)12, JKIS16,
KAK12, KL11, KO14b, KO16, KMJS16, LHJZ10, LHC\(^+\)13, LX14, LW11,
LB15, MGO13, MCP\(^+\)11, NHD16, PR10, PCGM14, QSC14, Qia17, RF15,
RS12, RJLL16, RHH15a, RHH15b, 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]. \(^{125f}\) [RMS\(^+\)12]. \(^2\)
[BG13b, BG14a, BLG14, Bon15, Bon16, GBD10, HFSK12, RBP\(^+\)15]. \(^3\)
[CDTV10]. \(^3\Sigma\) [Faw10]. \(^{(R)}\) [LNSD15]. \(^{TM}\) [RJKC16]. \(^{Web}\) [LSJ13]. \(^{1-w}\)
1 [BRH16, TU14]. 1-loop [DNPS13]. 1.0 [KPK17, RVDS16, SNG11].
1.1 [LS15a, MSHL17]. 1.2 [CGV13]. 1.23 [DGPW11]. 1.4 [Wie15]. 1/2
[Nat10, Ram10, Ras17, Wu10]. 181 [ERS10c]. 182 [SGM11a, Sco13]. 183
[YQM14]. 184 [LR16, SIMGCP14, ZTG14]. 186 [KYKN15a]. 187
[RHBH15a].

2 [CKFB12, DLU18, DDK17, DES11, Fen16, FP14, HD17, HM12c, JNN13,
LS17b, dlRL11, dlRAPL11, dlRJL14, PGD17, PR12, RSBB14, TBB14,
ZE16, Cro16]. 2.0 [AFIS12, ACD14b, BCH13, BHS15, DDKM15, GLPQ11,
GBR14, HEPW13, HHS10, Liu15a, LRR15, LCRL10, OGI14, PSMS14,
Pat17, PBL18, RDVS18, SYZ12, SY13, Sha16]. 2.0-Hybrid [GBR14].
2.0.0 [BBH11a]. 2.0.2 [VRV18]. 2.1
[BH13, CNMC10a, PSMS15, GQLP13, SYZ13, YZCS18]. 2.2
[YZCS18, ZYL15]. 2.8 [OK12]. 2014 [MAM14]. 213 [AZ17a]. 230 [Wei11a].
[ERS10c, ERS10a, ERS10b]. 2nd [FMRP16]. 2ODEs [ADdM14].

3 [CZ17, GLR17, LS17a, NGG13, Smi14, vH10]. 3-state [MEG12]. 3.0
[BH15, CX15, GCVA14a, LHWL16]. 3.1 [PS12]. 3.2 [Sem16, Sta13].
3.4 [BCP13]. 39 [AANA12, MSNI11]. 3C [Dan17]. 3V [CC14].

4 [Gri10, Sta14]. 4.0 [KUVV13, OO15b]. 4.1 [KRW13]. 4OEC [SK15].

5 [CFS13].

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

70th [Pat12].

8.2 [SAC15].

9 [Nik12b]. 9.0 [SMO16a]. 90 [GST12, KS12, SSG10, SSG18, SS10a]. 95
[vH10].

= [LQZ13].

A-Track [AKKK16]. A.I.K.E.F. [MSM11]. AACSD [LZ18]. ab-initio
[BKS15, RH11]. abelian [MGS13, SV13]. ABINIT [ERP12, GJA16].
ABJ [Pre18]. abrasion [EBCB14, EBCBG17]. abrasive [EBCB14].
abscesses [Odr11]. Absorbing [NVW13, DV11]. Absorbing-like
Accelerated [FSH13, JP11, SDS15, Sza13b, Sza13a, BS14a, BWB17,
BCFR15, BVP10, BTL17, Cap13, CP15a, CR14, CH11b, CRB17,
Accelerating [BK11a, Col14, FZY13, HV15, JK10, LHL16, RPL+14, SAY+18, TK14a, WXW13, RB18].

Accurate [BTM+17, DSLP11, GS17b, GS17a, IP14, JYPA18, OT11, SW14a, Van15, BW16, Cou13a, Cou13b, DG10c, GJ18, GHF14, HBP+15, JSLM16, KAK12, LV14, LK12, LC15, MN16, MFG+13, PM16, PG10, PSP16, SC16a, TC11b, TW15, WLQ+17, mZfXL15].

Achievable [GSKM15].

Adaptable [DS11a, BCM+16].

Adiabatic [YW17, YKS11, GCVA14a, HM17].

Adiabatic-resolution [ABRS12].

Adrenaline [KBR15, SA15b, SL14, TY10, Tia11, ZFH14].

Adverse [SMC+17].

Aerosol [SSP16].

Aerosol-m [Naz12].

AFMPB [LCHM10, LCHM13, ZPH+15].

African [Che11].

Aggregate [MS11].

Aggregates [HCRD14, RU13, Van15].

Aggregation [Bis15, MST+18, WXW14, XLCW14, BR11, KdMvO14, LX14].

Aggregation-fragmentation [MST+18].

Air [MSML10, BTC+17, BG14b, KRB15].

Airy [JL12].

Aitken [HV15].

Al

Addendum [Ram10, SIMGP14].

Addition [GB14].

Address [BY17].

Addressed [WPAV14, WW10].

Adaptive [CUL+17].

Adaptive-resolution [ABRS12].

Adaptor [BV13].

Additive [MIW12].

Advanced [SMC+17].

Advantages [RFSF18].

Aerosol [SSP16].

AESS [JP11].

African [Naz12].

AFMPB [LCHM10, LCHM13, ZPH+15].

Africa [Che11].

Aggregate [MS11].

Aggregates [HCRD14, RU13, Van15].

Aggregation [Bis15, MST+18, WXW14, XLCW14, BR11, KdMvO14, LX14].

Aggregation-fragmentation [MST+18].

Air [MSML10, BTC+17, BG14b, KRB15].

Airy [JL12].

Aitken [HV15].

Al
alanine [PSMS14, PSMS15]. **ALARIC** [VSG18]. **ALCBEAM** [BRL12]. **Alfvén** [BF10, HSK+12, TJH17]. **AlGaX** [AM14b]. **algorithm** [ABB+16, AG14, APV10, Bor14, GNT17, MFS10b, MZE13]. **algebraic** [CM10b, FLW17, GLZ17, Kap12a, Kap12b, NS15, SS10b, WR16]. **algebras** [Eks11, FK15, HR11, Naz12]. **Algorithm** [BR11, VRV15, VRV18, Wan10b, ART17, Alv12, AZM14, AM17, AFZ17, AFZ18, BK13a, BWB+17, BJCW13, BR13, BVC13, BCM+16, BO12, BNO17, Bru13, BY17, CM10a, CNS+18, CC14, CC15, CWY+17, CDS+13b, CGRB14, CBGY17, CBAM12, DKS16, DE13, DG10c, DG16, EZL+16, Eme11, ES11, FLA+16, FJS+16, FRG12, FZ16, FKH15, GCF+17, GJ18, GJLB12, GST12, GV15, GZW17, GTL11, GD14, GES13, GLX+14, GX15, Gwi12, HGCARM15, HWT10, HK15, HCH16, HP11, HZW+16, Jab12, Jab13, JWJL12, JWC13, JWM+18, JvOK17, JJ15, JPK+12, JKG+18, KBB+17, KO12, KO13, KO14b, Kom15a, Kom15b, KO16, KVW11, KSW15, LKL11, LK12, LKA+16, LM12, LHH+12a, Liu14, LZ11a, LZ11b, LYZ13, LTP16, Lya15, LOSZ13, MM17, MGO13, MFM14, MH11, MGS13, MEM+11, MC10, MTO15, NBN+14, Nem16]. **algorithm** [OL12, OOK+12, PH13, PSB11, PDRG10, PP13, PYW+14, PR10, PG17, QwWL+15, Ray10, RU13, Rom15, RW11, SG11a, SG11b, SCB+17a, SG15, SWL+15, SPS10, Sin12b, SKK11, SQA+15, Ste17, TTT16, TIM+16, UW12, Urf18, US16, VSG18, VvAV+11b, VLL+17, VGM+15, WP11, WRFS15, WWHW14, Wei12, WRvDL15, XWhZ13, YZ+17, YvOSM15, YLYL17, ZKG+18, ZHZ18, Zhe15, ZMJ13, Zou18, vRWS14, Cho11, KS16a, SKH+10, YKS11]. **Algorithmic** [HB12, Mey18, GHR+16]. **Algorithms** [Fri14a, KD17, Pan15, TK14a, BS14a, BK11b, BAF18, CLH+17, CCW10, CR12, CF17, CLB11, DS11a, DS14, Dim14, DS13c, FDWC12, Fri10, FHA17, 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, SGM18, SJ17, SMJ17, TRM+12, VPP+12, Vuk12, WG11, ZHC16]. **Alias** [SKSK13]. **aligned** [HO13, HWS16, LDR+17]. **alignment** [BKM11]. **alkali** [SPAW17]. **All-electron** [KCA+15, ONS+15, AKZ+13, JGAL+13, LRW+15, RCGT16]. **all-optical** [PM14]. **all-to-all** [EPS15]. **Allen** [KL17, LK12, ZFH14]. **alloy** [DMZ15, KZ14, LS17a, SWL+15]. **alloys** [AM14b, CHDCJA17, NS11b, PE17, ZZH+16]. **almaBTE** [CVK+17]. **ALOHA** [DLM+12]. **along** [McM17]. **Alpgen** [CUL+17]. **Alphen** [RJ12]. **ALPS** [DBK+14, GAC+17]. **alteration** [SVG10]. **AlterBBN** [Arb12]. **Alternating** [Sok13, XZ12, BDK11, LST15, TT14, XYK12]. **alternating-direction-implicit** [TT14]. **Alternating-order** [Sok13]. **Alternative** [ADdM17, Arb12, BKA+14, KAR+15]. **altruistic** [HLS12]. **Am** [MSNI11]. **AMBER** [NBW16]. **Amdahl** [JAS17]. **AMGA** [Ano11a]. **amorphous** [HYM11, MHV17]. **amount** [DO14a]. **Amp** [KP16]. **amphiphilic** [FFIH11, SSF+17]. **amplified** [EZBA16, ZLM12]. **Amplitude** [Raw15, BT17b, MPSV15, Raw16]. **Amplitudes**
[DLU18, BBU11, BvH15, KvdO11, Per14, dALM+12, ADH+17]. AMR
[GX15, ZKG+18]. analog [CO11, Fer15]. analyser [LW11, LW13]. analyses
[Ham11, KSTR15, SUS+17a, WLM14]. analysing [BPMS16]. Analysis
[BBB+15, Car10a, CAN11, GdGB+18, GES13, IB11, SLLP17, WHB16,
vdSM16, AAA+16, ASEIA14, AS11b, AMR15, Ano11o, ADdM+12b,
ACdM14, APC+14, BHN+16, BKN+17, BHH+10, BBH+15, CSC11, Car10b,
CMRVVR+14, CF16, CPW17, CZL+11, DRR16, EBCB+14, EBDM17,
EW14b, EW16, Faw10, FF11, FNPMB10, FBN+13, Fri17, GWL+17,
GMRHRCME13, GMPFC+14, Gao14b, GA13, GBJ+10, GBJ+12, GBJ+13,
GFJ+14, GAo13b, Hak16, HC16, HJL+14, JulAM16, JCM+13, KPP11,
KYN15a, KYKN15b, LS16, LHWL16, LRR+15, LWP+17, MNO+17,
MLW+10, MB12, ML14, MPSV15, Nov17, Ost10, dBRL14, OVS15, PCVZ11,
PVH+17, PM14, Ram10, RRSCC10, RV10, Ruf13, RWKS15, SAA+10,
iSYS12, Ser10, Sha13a, SLC11, Sin11, Sin12a, SUS+17a, TRM+12, TBZ12,
TS11, UW12, VV16, WLH+12, WLS13, XJS16, Yan09, GGF+13]. Analytic
[BK13b, NS10, AC15, AC16, AC18, Kau13, LLG17, LLL12, LLY+17,
PS11, PST12, Pat15, Pat17, Ser10, THDS16, WAHL13]. Analytical
[MCAdF14, NCS17, BHW+12, DS10, FMRP16, FJK+17, JDG12, KCT15,
KR14, MRVF13]. analytics [DS15]. analyze [GWM13, GNT17]. Analyzer
[FCC15, LZ18]. analyzing [BPML12, SAHP15]. and/or [XHLM12].
Anderson [FFT+14, MST+18, SJ17]. angle [HJ14, SLLP17]. angular
[LN16, PR12, Wei99, WT12]. angustifolia [VLM11]. anharmonic
[Liu15a, LLZ+17]. anharmonicity [ZMCT12, ZMPT13]. anisotropic
[HWS16, JG16, KYSV+15, LBB+16, MLW+10, McM17, MLS10, NO14,
Ots11, SSB+16, SKML11, Tau10, VVB+12, YSV+16]. anisotropically
[CAN11]. anisotropy [BDK11, KGN10, MS11, NO14]. annealing [BSM13,
BBW+17, CM10a, CD12, IZT15, LOK+16, LM12, ON11, Yam16, JKG+18].
annealing [BU15, GGGH14, Gre18, HLM13, Kol15]. annotate [BVC13].
Announcement [YZCS18, AC18, SSG+18]. anomalous [LRK13, PV+11].
ANOVA [CC16]. anQCD [AC15, AC16, AC18]. Ansys [LNSD15]. antenna
antipeakon [HDZ14]. antivortex [BU15]. any [Fer15]. APart
[Fen16, Fen12a]. APCAD [SLLP17]. aperture [HKF+12]. APFEL
[BCR14]. APFELgrid [BCH17]. API [NCM15, Zag14]. APINetworks
[MCNRC16, NMCR15]. appearing [LM16]. Application
[BBH+10, BBH+15, CZD15, CGM17, CSSB15, DG10a, Evs14, GZL14,
GJHF14, HW12, IUM13, KPA13, KOM15a, KRA10, LOK17, LAN13, LHZ10,
MKU+12, MS14, MK10, PGO17, QA13b, STK10, SMG11a, SMG11b, SCG11,
TS10, WWR+16, YK10, AAA+16, AS16, APS+16, BJBC+14, BALV16,
BMW14, BMS14, BrL13, BDMG+17, CZ17, CTL15, CCN17, Dua12,
FBHB17, FK15, Fer15, GBK+12, HCRD14, HTJ+16, HBP14, JHL+15,
KPPPC13, LOK+16, OILK17, PS11, PB16, RWKS15, SV14, SVA12, TFBW14,
TC12, WZS+11, WX14, vRSW14, HD17, MFM15]. application-driven
[BJBC+14]. application-programming [SV14]. Applications
[CM10a, HH11a, sL10, RBB15, VDF15, Asc10, BDPM15, BKA+14, CMSV14, Dim14, DBK+14, FUSH14, FOB+15, GMH11, GCHL15, JTW+17, JKG+18, KV10a, KMJS16, LM12, MCAdF14, MFG+13, NPM16, Pan15, PBL+18, Ram10, Sai13, SKSKI13, TK14a, Vebl2, VSG15, ZS13, MD11b]. applied
[AKH+12, ASS13, BJU15, BAR12b, DKS16, FBN13, GBSY18, HJL+14, JKG18, KL11, LAG+17, MCF11, MFH11, GCHL15, JTW17, VK14, WSTP15, YAM16]. Applying
[HKZN17, KSH11, BS14a]. approach
[AV13, AGVP10, AKKK16, ADdM14, Aza13, BD12, BOGL17, BSK18, BTC17, Bot12, CSC11, CNMC10b, Cho11, CKCS13, Dan12, DF11a, EKO16, ERD+12, FM12, FLV17, GLAC13, Gen10, GS14, GLX+14, GCVA14a, HO13, HFSDK12, HCC14, Ixa16, Jiwi12, JHL+15, JSLM16, KK16a, KY14, Kan14, KLKR11, KP16, KV10a, KSY13, Lan13, LJH+15, MGRB11, MLR10, MSB+10, MC10, MLK+17, MCP10, MCNRC16, NS10, ON14, ONS+15, ORCR17, OK14, PC11, PLD15, QJF16, RS12, RM10a, RHC15, RLL16, RCH16, Sch14a, SK1K11, SCM+16, SMC+17, SSBS15, TVGB15, TGH+16, TUY15, VBMP15, WG16a, Wei99, WFV14, WAW14, YLK10, YK18, YG12, ZLLP17, ZLL13, ZS14]. 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, AQJ10, BKOZ16, BK12, Cou13a, Cou13b, Eys14, Kau13, KK14b, LY16, MKR18, PDRG10, Ram10, RVDS16, RDVS18, WSTP15, WC15, Wit14, DVB11, YLO13, SKB10]. approximation-based
[LY16]. approximations
[LO14, TK14b]. AQUAgpusph
[CP15a]. aqueous
[Beu11]. arbitrarily
[KMJS16, OL12, VSG18]. Arbitrary
[Asc10, Tic14, Ara14a, Ara14b, BBH+10, BCI13, CC10a, ECSH16, FRW17, GM16, HSD17, KAH18, MSRL10, MSR+17, NO14, NMC15, SH12a, SW14a, SS11a, VV16, Vh10]. arbitrary-order
[vH10]. arbitrary-rank
[Ara14a, Ara14b]. arbitrary-shaped
[HSD17, MSR+17]. arc
[JTN+11, SCNJ18, SPAW17]. Architecture
[PSMS+15, SCC+12, BW15, CRA10, Dan12, GBK+12, MR14, NBW16, YLQ+17]. architectures
[DS14, HDM16, HAV+14, HWT10, NBN+14, PH13, RDN+17, TRM+12, TGH+16, VLFPM14, WFV14]. Arduino
[KSH14]. area
[BHW+12, EVB14, QLN14, YLK10]. argon
[JT1N+11]. argon-water
[JT1N+11]. argument
[CS17]. arguments
[Cai11, Ma112]. ARIADNE
[KRW13]. arising
[CB13b, DBB12, KMM13, KR14, PDRG10]. ARKN
[LW14b, SW12a, SW13b]. Armchair
[SPY11, GZL14]. Arnoldi
[BW12b, GPR13]. array
[ECD+10, HBS+11, Vuk12]. Arrays
[HL18]. art
[Pat12, MCAdF14]. articulated
[PA13]. artificial
[JYP18, LWZ14, RH17, TMA+15, VRWS14]. artistic
[GES13]. ARVO
[BHW+12]. ARVO-CL
[BHW+12]. As/GaAs
[TMA+15]. ASCOT
[HAK+14]. ASG
[FBC+12]. ASP
[JC13]. aspects
[EVB14, Ein16a]. asphaltenes
[WXW14]. Assemble
[DEW16]. assembled
[KK14b]. assemblies
[YHCS11]. Assessment
[HVMR10, Car16, NHS14].
9

[EW16, Fuk17, KB15a, KRK16, LC15]. azimuth [LWZ14]. Azurite [GLZ17].


Based [AGB+15, BLPP13, BD12, BCJW13, BDKS10, BH17, BALV16, BLS17, BK12, BRL12, BMM14, BDBV12, BAR12b, BM14, B10b, BPS+16, BCG+15, BC+11, BS12, BKK13, BKM14, BK15, BK16b, CM10b, CCL18, Cap13, CMVRB+14, CSPAD10, CC16, CMJ+11, CDL+12, CKN11, CAGL13, CDR+15, DBMR18, DIP11, DSH17, DG10b, DM17, DDH17, DRL15, DFL16, DSPJ10, ELDS14, EBD17, ESM17, FRG12, FGC+11, FDWC12, FWS+17, FZY17, FHA17, GLZ17, GJ18, GLX+14, GNT17, HLL13, HFOP15, HPKF15, HWT10, HS16, LDL13, HKVR10, HM17, H11, ICPD16, JPCG15, JEC+12, rJmYT11, JGAL+13, JTP15, KK13, KCN18, KK14b, KK14a, KO14a, KSH14, KM17, KO12, KO13, Kom15a, Kom15b, KL15, KPS15, KMA+12, LCC13, LJE11, LFG14, LN16, LYX+17, LO14, Liu13, Ly16, LWRQ16, LNP+17, MGL16, MB12]. Based [MKR+12, MW14, MNW+17, NAQ16, ON14, OLG+16, OT13, OT11, OAKS11, Ž13, PP13, PG17, PKRS16, RC17, RC16, RB18, RH17, SAA+10, SCC14, Sha13a, SCRS17, SSX14, Sit18, SZM+14, SHL+11, SK10, TGH+16, TDM11, TB14, TDL+14, UW12, V14, VSG17, VDJ+11, VPP+12, WP10a, WLS13, WSH+14, WBS+18, Wit14, XLL15, Z14, ZAFAM16, ZLL17, ZSW+17b, ZHC16, ZS13, Zhe15, Zlo13, Cho11]. bases [GLZ17]. Basic [GFB+10]. Basics [CB15a, CB17]. basis [Cor14, DM17, FM12, GYW+10, JI15, JG12, KAK12, LRW+15, MCW15, Mey18, MBFB13, MK10, MCGR11, MAM14, ONS+15, PZ16, PSL+17, Pit12, PVK+14a, PVK+14b, Pra17, RCG16, Ray10, RHC15, RCH16, RLM13, SDH+12, SDS+17, SD10b, SSK+13, ZD1010, ZWM17]. basis-set [MBF13]. bath [Fri10]. baths [DS13b]. Bayesian [AMR15, BPS16, CRB+17, C14, WG16a, ZHL11]. BBN [Ar12]. BCC [HB+17]. BCS [RHB15a, RHB15b]. BCVEGPY [WW12].

BCVEGPY2.2 [CWW10]. Be [MSN11]. beam [BRL12, BKN+17, KK17, OK10, PR14, PBL+18, QL10, TZK16, ZPr16].
beam-based [BRL12]. Beamlet [AGB+15]. Beamlet-based [AGB+15].
beams [AGB+15, PBL+18]. Beating [CCL15]. Becke [GSZ13]. bee
[vRWS14]. BEEC [YWW13]. behavior
[CND11, DV11, FFIH11, HLS12, HST+11, MFS10b, SLC11, vMB14].
behaviour [RDN+17, WCT11]. being [GK11]. belief [EKDGG15]. Bell
BEM/GO/PO/PTD [BD12]. Bénard [GLW14]. Benchmark
[HL17]. Benz [HDM+12, SBPN15]. Berezinskii [RMC16]. BerkeleyGW
[DSS+12]. BerryPI [AKZ+13]. bespoke [WWR+16]. Bessel
[Cai11, GDB10, JL12, KT10, Ser17, TO10a]. best [SS13a]. Bethe
[GGG16, GVS+15]. between
[ABB+14, AC13, Ano10a, BB13b, CDBM16, FD13, FHTO17, DRI+16,
GZL14, LSK+14, PDC14, TJH17, USOA13, VC10, Yan11]. Beyond
[HL17, BCP13, BJH+15, Deg15, DNPS13, DML+16, HRC11, PS12]. BGK
BiCGSTAB [NIK+12a]. bidirectional [FSF11]. big [Hoh18]. biharmonic
[SK15]. bilayer [FPY+17]. bilayers [MSRL10]. bilinear
[MWCY14, Ram10]. BillKristal [OG14, OO15b]. Bill2d [SLR16]. billiard
binary [CM10b, JuIAM16, LM12, WL11]. BiNCa [BKA+14]. binding
[BBH11b, HM17, PDC14, RJKC16, SHNM11, YLYL17]. Binoth [ABB+14].
[BBB17b]. biological [BHV/15, CRNK12, NBMB+15, Yan11]. biology
[DS10]. biomass [XAPK14]. Biomolecular
[VPM16, YBK+11, CBB14, GCH+18, LCHM10, LCHM13, SCC+12, TVZ+15].
bio-physical [JJ15]. biopolymers [PA13]. BIOTC [XAPK14]. bird
[TBB+14]. birthday [Pat12]. bit [MP11, TC11a]. black [Gin10]. blast
[SKH+10]. Bloch [CCW10, Dem13, SDL+16]. Block
[DB13, FRFH10, JBG+16, JBG+17, SPS10, DKOS14, LW14a, NIK+12a,
Nem16, STK10, SAY+18, TKS10, US16, VBS+17, WT15]. Block-pulse
[SPS10]. Block-structured [FRFH10, JBG+16, JBG+17].
block-tribidiagonal [LW14a]. blocking [TSIM16]. blood
[BTL+7, CRA10, MMC10, MBS+10]. Blue [CRA10, BW15]. Blume
[FLP10]. BN2D [SBPN15]. BNL [GJF+14]. Board
[Ano18e, Ano10b, Ano10c, Ano10d, Ano10e, Ano10f, Ano10g, Ano10h, Ano10i,
Ano10j, Ano10k, Ano10l, Ano10m, Ano11c, Ano11d, Ano11e, Ano11f, Ano11g,
Ano11h, Ano11i, Ano11l, 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, Ano16b, Ano16c, Ano16d, Ano16e, Ano16f, Ano16g,
bundled [CSL+13]. **Burgers’** [BK16a, Jiw12, Jiw15a, KP14]. **Böttiker’s** [KKS18].

C [ADH+17, Ano11o, Ara14a, Ara14b, Asl14, BV13, CECCG16, DPW16, Ein16b, GC10, GC13, GC16, GC18, HL18, KvdO11, KP16, KL15, KYSV+15, LC14, LSDD14, LYSS+16, MD11b, MCA14, Sai13, SV14, SS12, SWS+12, Stu10, TS11, Ver16, VVB+12, Vuk12, YSVM+16, HFSK12].

**C#** [ADH+17, Ano11o, Ara14a, Ara14b, Asl14, BV13, CECCG16, DPW16, Ein16b, GC10, GC13, GC16, GC18, HL18, KvdO11, KP16, KL15, KYSV+15, LC14, LSDD14, LYSS+16, MD11b, MCA14, Sai13, SV14, SS12, SWS+12, Stu10, TS11, Ver16, VVB+12, Vuk12, YSVM+16, HFSK12].

**C-library** [MD11b, MCA14].

**C2x** [Rut18].

**Ca** [CJH11].

**cable** [OVSI15].

**cache** [SSF+14].

**caching** [WMRR17].

**Cadabra** [Bre10].

**CADNA** [JCL10, LCJ10].

**CADNA-C** [LCJ10].

**Cahn** [KL17, LK12, LLK10, ZF14].

**CalcHEP** [BCP13, Sta10].

**CalcHEP/CompHep** [Sta10].

**calculate** [BBU11, CATK11, Fen12b, KA17, KST+14b, MPS13, Sar17b, SHZ13, ZKW+15].

**calculated** [HS16, LS12b, RJ12, YF17].

**Calculating** [ABB+16, ECS16, Els12, LKM+16, AM10, AM11, Arb12, BBL+13, BBPS14, Brä15, CLJ12, EZ1A16, FS17, FEH11, GPS+13, HEF12, Jab12, Jab13, LZ11, LCM10, LCM13, MH11, NGM+10, PH13, PR17, SEW12, SEW14, STY15, STY18, SC16a, SPAW17, SW12b, VDJ+11, WCL14, YLTS16, ZMC12].

**Calculations** [Lit13, PDC14, YZY10, APS+16, ART17, AC15, AC18, BK13b, BC10, BDP15, BH17, BBH11b, BS13b, Bor14, BHS15, Cast12, CPV13, CCGC13, Cor14, Cri18, Dan11, Dat13, DN18, DSW+15a, DSH14, DA16, DO14b, DML+16, FSH13, FUS14, FCC15, Fri12, FZY13, GA15, GGG16, GVS+15, GB18, HWW12, HXS+10, HW12, JPC15, JWC17, JOK13, KT12, KCT15, KSL+11, KPK+17, KS15, KL10, LA13, LSP12, LSR+17, LS17a, MED11, MAM14, MLK+17, NGG+13, NSX14, Nis11, OB10, O11, PB13, PUO14, PKR16, PSP16, RPL+14, Roh16, RC11, SW14a, SZ15, SC15, SCRS17, SAY+18, SPMM11, SLR+11, SRF+14, SRT11, SM14, SM16, SQL+10, SPSP18, TC12, VSG17, VCM+13, W11a, WR16, Wi15, XJS16, Zit11, VPM16].

**calculator** [ERS10c, ERS10a, ERS10b, HY17, ZZH+16, ALL+11].

**calculus** [GLMG12, KD17, SBQ14].

**Calibration** [BMG+15, BDGM+17, Ost10, ZUT13].

**callbacks** [BV13].

**calorimeter** [dAFdSVM12, GRZ10, BPM14].

**CALPHAD** [TKP15].

**CALYPSO**
classes [JnYT11]. Classical [CPHL14, VMFS16, BTM+17, CEF16, DT11b, DS13b, GH15, Gw12, KO12, SKK11, SLR16, SA14]. classically [Wil15].
classification [CFSK14]. classifications [SL10]. ClassSTRONG [CPHL14].
closed-shell [Faw10, MCA17]. cloud [CNS+14, JTW+17, JVR12, KCN18, VPMVH+17]. clouds [APC+14, JH11].
CLUMPY [BHN+16, CCM12]. Cluster [LX14, Smi14, BTP+17, CSPAD10, FLW17, GOL11, HLW16, JSLM16, KP12b, KSL+11, KO12, KO14b, Kom15a, Kom15b, Kom15c, KO16, KZ14, LKM+16, MCA17, MTM13, TKR13, XLCW14, ZSW+17b, LX14].
closed-shell [Faw10, MCA17]. cloud [CNS+14, JTW+17, JVR12, KCN18, VPMVH+17]. clouds [APC+14, JH11].
CLUMPY [BHN+16, CCM12]. Cluster [LX14, Smi14, BTP+17, CSPAD10, FLW17, GOL11, HLW16, JSLM16, KP12b, KSL+11, KO12, KO14b, Kom15a, Kom15b, Kom15c, KO16, KZ14, LKM+16, MCA17, MTM13, TKR13, XLCW14, ZSW+17b, LX14].
closer [BAK+15, BAK+16, BAK+17, WISA11]. closed [Faw10, MCA17, SL17].
closed-shell [Faw10, MCA17]. cloud [CNS+14, JTW+17, JVR12, KCN18, VPMVH+17]. clouds [APC+14, JH11].
CLUMPY [BHN+16, CCM12]. Cluster [LX14, Smi14, BTP+17, CSPAD10, FLW17, GOL11, HLW16, JSLM16, KP12b, KSL+11, KO12, KO14b, Kom15a, Kom15b, Kom15c, KO16, KZ14, LKM+16, MCA17, MTM13, TKR13, XLCW14, ZSW+17b, LX14].
closer [BAK+15, BAK+16, BAK+17, WISA11]. closed [Faw10, MCA17, SL17].
close-coupling [BAK+15, BAK+16, BAK+17, WISA11]. closed [Faw10, MCA17, SL17].
closed-shell [Faw10, MCA17]. cloud [CNS+14, JTW+17, JVR12, KCN18, VPMVH+17]. clouds [APC+14, JH11].
CLUMPY [BHN+16, CCM12]. Cluster [LX14, Smi14, BTP+17, CSPAD10, FLW17, GOL11, HLW16, JSLM16, KP12b, KSL+11, KO12, KO14b, Kom15a, Kom15b, Kom15c, KO16, KZ14, LKM+16, MCA17, MTM13, TKR13, XLCW14, ZSW+17b, LX14].
closer [BAK+15, BAK+16, BAK+17, WISA11]. closed [Faw10, MCA17, SL17].
closed-shell [Faw10, MCA17]. cloud [CNS+14, JTW+17, JVR12, KCN18, VPMVH+17]. clouds [APC+14, JH11].
CLUMPY [BHN+16, CCM12]. Cluster [LX14, Smi14, BTP+17, CSPAD10, FLW17, GOL11, HLW16, JSLM16, KP12b, KSL+11, KO12, KO14b, Kom15a, Kom15b, Kom15c, KO16, KZ14, LKM+16, MCA17, MTM13, TKR13, XLCW14, ZSW+17b, LX14].
closer [BAK+15, BAK+16, BAK+17, WISA11]. closed [Faw10, MCA17, SL17].

component [Eba13, HLS+17, TZM17, WLM14]. components [KCA+15].

composite [CKLM10, KP14, Pra11, Vuk12]. Composition [HJ14].

comprehensive [CEZ16, SAHP15, VBG+10]. compressibility [RH17].

Comput [AZ17a, Ber16a, ERS10c, KYKN15a, LR16, Nat10, Ras17, RC16, RHBH15a, SGM11a, Sco13, SIMGCP14, YQM14, ZTG14]. Computation [ADH+17, AKH12, AD14, DLU18, DKOS14, Ihn12, JH15, LNP+17, Mil16, AB10, ACTP15, BT17b, Cai11, CMN12, CNMC10a, Che17, CGRB14, CK12, DG10c, DADS11, Fuk17, Gao13a, GLS+13, GLAC13, GBP13, GBD10, GST15, GST17, GA13, HR11, JCI3, JC14, JU17, KCN18, KZ11, KP12b, KvdO11, Kol14, LPBH11, LV13, LM16, LLL12, LLL13, LAS+17, MSS+14, NHSY15, PO14, RA13, Sai13, Sch14b, SDL+16, USOA13, WWS10, WISA11, Wie13, YdDH+12, ZZ17a, Zou18].

Computational [ABB13, AL17, BBB+17a, BBC+13b, JAS17, MCCR11, NMS14, NFS15, RH11, SWS+12, WWR+16, YFAT17, BHNS17, BCP+16, CL15a, Cm11, CRC+13, GBSY18, GB+16a, JOR+12, LHJ+15, LLX14a, MMC10, MCP10, Mii14c, NMC15, NVAFO18, PSMS14, PSMS15, RK11, RBB15, RCD+10, Ros15, Sou14, WC15, ZTG13, ZTG14, dSVLP13]. computationally [DMC10]. Computations [Dan10a, Dan10b, BKS15, Boge16, Bre10, DS13c, GJ18, GLW14, HKSW10, MKR+12, Naz12, NOR15, Wei15, YRR13, dALM+12]. compute [BH11, Boy15, HHP+14, PB16, RLS16, RW11, SSG+10, SSG+18, TZM17, Wei11a].

computed [FWS+17, MH18, SBvD13]. Computer [Ano16a, BRB12, FLW17, JWJL12, MSN11, Ram10, Wu10, ABB+16, AG14, BJBC+14, BF16, CDSG11, CYD11, Cip11, DS14, DSS+12, Dev12, GRTZ10, HHM+15, JuLAM16, Lit13, LO14, MLW+10, MSI+10, MNV13, MFS10b, MZE13, MSS+14, OYK+14, PC17, DMH16, REver12, RtV16, iSSMI11, TJD11, Tab16, WR16, WSO+12, Zhe15, ZMPT13, Aon10a, Aon11b, Aon12a, Aon13a, Aon15a]. Computer-aided [FLW17, Zhe15]. Computer-assisted [BRB12]. computer-generated [MSS+14]. computer-generated-hologram [WSO+12]. computers [BWPT11, BKPT12, BY13, IW15, LS12b, MNW+17, SOM+13]. Computing [ASTT16, ADI+15, BBC+11, Gio14a, LSG+12, TCP13, Wai12, YEF14a, ARAB+17, ARY17, ABD17, Ara14a, Ara14b, BHW+12, CR13, CLC14, CKhN11, CSVR13, CL15b, ÇÖȘÜ11, CRB+17, CNS+14, Dan10a, Dan10b, Dan11, DMC+15, DGST17, Ein16a, FBN+13, GXF+15, GST12, GHDF10, GCA14a, GCA14b, HCH16, JTP15, JVR12, KDP+14, KO14b, KO16, KK17, LR18, LS17b, NFS15, PNL13, PG10, Qia10, SDS15, Shai13a, TPK15, TACA15, TGH+16, VPMVH+17, WX14, WGVPL17, YK18]. CONAN
SKFP16, SLLP17, WRFS15, WLG\textsuperscript{+13}. continuous-angle [SLLP17].
continuous-energy [WRFS15]. Continuous-time
[GW\textsuperscript{F+11}, SG\textsuperscript{W17}, HWG\textsuperscript{13}, HWM\textsuperscript{+15}, Hua\textsuperscript{17}, IW\textsuperscript{15}, PBS\textsuperscript{+17}, SKFP16].
continuum [CL\textsuperscript{13}, FM\textsuperscript{12}, GC\textsuperscript{12}, HLS\textsuperscript{+17}, KK\textsuperscript{13}, MFB\textsuperscript{+10}, MPNF\textsuperscript{17},
NFA\textsuperscript{+16}, NB\textsuperscript{17}, PG\textsuperscript{10}, SYE\textsuperscript{+18}, TKL\textsuperscript{+12}, WSTP\textsuperscript{15}]. continuum-scale
[HLS\textsuperscript{+17}]. contracted [AC\textsuperscript{13}]. contraction [DE\textsuperscript{13}, PGO\textsuperscript{17}]. Contribution
[TW\textsuperscript{11}, Pat\textsuperscript{12}]. control [BM\textsuperscript{13}, CAN\textsuperscript{11}, CLL\textsuperscript{16}, CB\textsuperscript{16a}, FBHB\textsuperscript{17}, FR\textsuperscript{15},
HRC\textsuperscript{11}, Hoh\textsuperscript{14a}, KHK\textsuperscript{+11}, KSW\textsuperscript{12}, KSYY\textsuperscript{13}, MS\textsuperscript{14}, MD\textsuperscript{10b}, MGFRG\textsuperscript{12}, OK\textsuperscript{10}, SCB\textsuperscript{17b}, SCM\textsuperscript{+18}, VMV\textsuperscript{H+17}, vWB\textsuperscript{10}]. control-variate
[KHK\textsuperscript{+11}, MS\textsuperscript{14}]. controlled [Ex\textsuperscript{l17}, HST\textsuperscript{+11}, Pla\textsuperscript{16}]. Controlling
[LY\textsuperscript{X+17}, CB\textsuperscript{15d}, KSH\textsuperscript{14}]. convection
[FM\textsuperscript{15}, GA\textsuperscript{10}, GSK\textsuperscript{M15}, GLW\textsuperscript{14}, Kau\textsuperscript{13}, SL\textsuperscript{14}, Tia\textsuperscript{11}, ZKG\textsuperscript{+18}]. convection-diffusion
[GN\textsuperscript{14}, SL\textsuperscript{14}, Tia\textsuperscript{11}]. conventional [Kom\textsuperscript{15a}, PE\textsuperscript{17}].
conventions [SM\textsuperscript{13}]. Convergence
[Du\textsuperscript{a10}, SM\textsuperscript{J17}, ACC\textsuperscript{17}, CB\textsuperscript{16b}, HV\textsuperscript{15}, HGC\textsuperscript{ARM15}, MBFB\textsuperscript{13}]. convergent
[HRC\textsuperscript{11}]. converging [QL\textsuperscript{E16}]. conversion [Hsu\textsuperscript{11b}]. Converting
[PDL\textsuperscript{+18}, H\textsuperscript{ir15}]. convex [LH\textsuperscript{GF18}, RLL\textsuperscript{12}]. convex-roof [RLL\textsuperscript{12}].
Convolution [MC\textsuperscript{P+11}, Bot\textsuperscript{11}, Qia\textsuperscript{10}]. convolutional [LZZ\textsuperscript{L10}].
convolutions [H\textsuperscript{HP+14}]. COOL [Bar\textsuperscript{11a}, Bar\textsuperscript{12a}]. cooling [Gre\textsuperscript{18}].
Cooperation [QHC\textsuperscript{+10}]. Cooperative [Dan\textsuperscript{11}]. coordinate
[B\textsuperscript{MN\textsuperscript{S14}, FL\textsuperscript{B12}, HO\textsuperscript{13}, LDR\textsuperscript{+17}, OK\textsuperscript{14}, RV\textsuperscript{DS16}, RD\textsuperscript{VS18}, SM\textsuperscript{13},
SM\textsuperscript{C+17}, SC\textsuperscript{G11}, HSD\textsuperscript{17}]. coordinates [AV\textsuperscript{13}, HF\textsuperscript{16}, NKS\textsuperscript{15}, PM\textsuperscript{16}].
coprocessor [MSS\textsuperscript{+14}]. coprocessors [SH\textsuperscript{16}, SBE\textsuperscript{+16}]. copy [JPH\textsuperscript{+14}].
Core [NB\textsuperscript{W16}, ALC\textsuperscript{18}, AZM\textsuperscript{14}, ACT\textsuperscript{P15}, BN\textsuperscript{AB11}, CN\textsuperscript{D11}, ELDS\textsuperscript{14},
FL\textsuperscript{SZ13}, FB\textsuperscript{N+13}, GC\textsuperscript{+17}, GS\textsuperscript{S+15}, HW\textsuperscript{T10}, LH\textsuperscript{Z11}, MNP\textsuperscript{Y14}, RCG\textsuperscript{T16},
RB\textsuperscript{18}, RJ\textsuperscript{KC\textsuperscript{16}, TR\textsuperscript{M+12}, TD\textsuperscript{L+14}]. core-collapse [BN\textsuperscript{AB11}].
core-excitation [GS\textsuperscript{S+15}]. core-level [MNP\textsuperscript{Y14}]. core-shell [ACT\textsuperscript{P15}].
corr3p\_tr [EKO\textsuperscript{16}]. Correct [WH\textsuperscript{B16}]. Corrected
[B\textsuperscript{PC\textsuperscript{13}, Cip\textsuperscript{13}, BGM\textsuperscript{+14}, HW\textsuperscript{W12}, HM\textsuperscript{17}, JOR\textsuperscript{+12}]. correction
[FK\textsuperscript{L13}, K\textsuperscript{K14a}, K\textsuperscript{O14a}, LY\textsuperscript{X+17}, LL\textsuperscript{Z+17}, Mar\textsuperscript{15}, MS\textsuperscript{R10}, SW\textsuperscript{13a}, TZ\textsuperscript{G12}].
corrections
[AB\textsuperscript{dA15}, AM\textsuperscript{RdA17}, BB\textsuperscript{UY13}, BC\textsuperscript{R14}, HP\textsuperscript{17}, LP\textsuperscript{15}, Sta\textsuperscript{11}, YW\textsuperscript{17}].
corrector [PA\textsuperscript{S11}, PS\textsuperscript{14}, SD\textsuperscript{10b}, SA\textsuperscript{15b}, TY\textsuperscript{H+15}]. correlated
[APS\textsuperscript{+16}, BKS\textsuperscript{15}, DB\textsuperscript{13}, HLL\textsuperscript{13}, JD\textsuperscript{G12}, KH\textsuperscript{11}, MDF\textsuperscript{11}, OOK\textsuperscript{+12}, PZY\textsuperscript{16}].
correlation [AR\textsuperscript{AB+17}, CM\textsuperscript{VRB+14}, CMS\textsuperscript{N18}, DK\textsuperscript{G+14}, KCL\textsuperscript{11}, LAA\textsuperscript{+10},
MH\textsuperscript{L11}, MOB\textsuperscript{12}, QHZ\textsuperscript{+14}, RM\textsuperscript{W13}, RGKR\textsuperscript{17}, WP\textsuperscript{D+15}]. Correlations
[DB\textsuperscript{B12}, CL\textsuperscript{KK11}, K\textsuperscript{OG17}, MB\textsuperscript{GV15}, i\textsuperscript{T11}, WT\textsuperscript{12}, YK\textsuperscript{12}]. correlators
[DE\textsuperscript{13}, N\textsuperscript{em16}]. correspondence [GL\textsuperscript{X+14}]. corresponding [GC\textsuperscript{VA14a}].
Corrigendum [AZ\textsuperscript{17a}, Ber\textsuperscript{16a}, KY\textsuperscript{KN15a}, LR\textsuperscript{16}, Ras\textsuperscript{17}, RC\textsuperscript{16}, RHB\textsuperscript{H15a},
YMQ\textsuperscript{14}, Z\textsuperscript{TG14}, Sco\textsuperscript{13}]. corru\textit{g}ation [ZFBR\textsuperscript{11}]. CORSIKA [BG\textsuperscript{14b}].
cosine [Ert\textsuperscript{15}, GH\textsuperscript{11}, PH\textsuperscript{11}, TK\textsuperscript{14b}]. cosine-screened [GH\textsuperscript{11}]. cosmic
[H\textsuperscript{CRD14}, L\textsuperscript{KW11}, TS\textsuperscript{10}, VDJ\textsuperscript{+11}]. Cosmo [As\textsuperscript{l14}]. Cosmological
[CM\textsuperscript{RV\textsuperscript{R+14}, Sai\textsuperscript{10}, Wai\textsuperscript{12}]. cosmologies [Arb\textsuperscript{12}]. cosmology [As\textsuperscript{l14}].
CosmoTransitions [Wai\textsuperscript{12}]. Cost [H\textsuperscript{JH17}, KL\textsuperscript{14}]. Coulomb
[EUT+15, GH11, HK15, JH15, LB13, MC16, Mil16, MSRL10, Nis11, PH11, RGRK17, Sar17a, Sar17b, SHT18, SV13, XD13, XHD15, ZHPS10].

coupled [AV13, BSM13, BK16a, CZS10, CZL+11, DT11a, DN13, DHJ13, Des16, DGMZ15, EEKW12, FBHB17, GCVA14a, HWCH11, KP14, LWL12, MCA17, MZE13, PGO17, QSC14, SBL16, TPC16, WX14, YS17, ZMPT13].
coupled-channel [Des16, GCVA14a]. coupled [AV13, BSM13, BK16a, CZS10, CZL+11, DT11a, DN13, DHJ13, Des16, DGMZ15, EEKW12, FBHB17, GCVA14a, HWCH11, KP14, LWL12, MCA17, MZE13, PGO17, QSC14, SBL16, TPC16, WX14, YS17, ZMPT13].
coupled-cluster [MCA17].
coupled-wave [CZL+11]. Coupling [DRI+16, KST14a, SCNJ18, BAK+15, BAK+16, BAK+17, CL14, FLSZ13, FHTO17, KA17, KVW11, LSK+14, MKL17, NGM+10, PMVG16, Pre18, Sch14a, SS12, TD17, WISA11, WX11, WNPY17, WLGY18, We99].
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]. CPC [Wei11a].
CPCMC [NSXZ14]. CPCMC-Lab [NSXZ14]. CPPPO [MGR16].
CPsuperH2.3 [LCE+13]. CPU [BPP11, DCGG13, ELDS14, FBN+13, FOB+15, LSYZ12, Lya15, 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]. Critic [dlRJL14].
Critical [CND11, CM10a, Fri10, OML11, XZF12]. Cross [CPW17, ALL+11, ASEAJ14, BPC12, BS13b, BHS15, CYD11, CFW17, Cip11, Cip13, CM14b, DSH14, Gao13a, GLS+13, KOL17, PDL+18, Shi16, VC10, vdS13]. cross-machine [CFW17]. Cross-platform [CPW17].
cross-section [CYD11, CM14b, OILK17, vdS13]. cross-sections [Lit13].
CRunDec [HS18, SS12]. crystal [AZ17a, AZ17b, AFZ17, AFZ18, Aza13, BP12, Bab14, BK13a, FLA+16, FBP+14, HWCH11, KMS16, LLSK17, Liu14, LZ18, LZ11a, LZ11b, LZ12, LOV10, MW14, OG14, OO15b, OO15a, Ste17, WS11a, WLZM12, WBY11, YZY10, HBH+17]. crystal-cutting [KMS16].
crystalline [AKZ+13, DBJ11, TKP12]. crystallization [AYDY11].
crystals [BBH11b, CLC14, Gen10, HWX+13, HLW16, KMS16, LOK+16, NJS17, PYW+14, RDP14, Sin12b]. CS [War16]. CSD [CW13]. CT [LP15].
cubic-quintic [WZ13]. Cucheb [AKS17]. CUDA [BHS18, BTC+17, CB13a, DM12, FWS+17, GRTZ10, HE13, HD11, JK10, KO14b, KO16, LBB+16, LYX+16, LYZ13, MSML10, iSYS12, SKM15, WMRR17, WWFT11, YHL11, ZAFAM16]. CUDA/MPI [LYSS+16].
CUDA/EASY [Sal10]. CUGatesDensity [LB13]. Cummings [KA10].
Cumulative [AMR15, GST15]. curation [GVPJ18]. current [Fuk17, GBSY18, LYX+17, MTM14, VLL+17, YXT+15, ZDWM17].
CWO [SWS+12]. cycles [GTS+13]. cyclokinetics [ZW15]. cyclotron [BB13b, JGC+11, KMD12, PBL+18, SS11a]. cylinders [MCM+12]. cylindrical [LKA+16, LJZ+18, XHD15].
cylindrically [RS12].
D [LB15, RPB+15, RBBH15a, TGH+16, WNYP17, AV13, AGMS15, APC+14, BBC+11, BBT1b, BAR12b, BVP10, CP15a, CPCdM18, CC14, DGG13, EW14a, FJK+17, FK12, FRFH10, GS15, Gai17, Gio14a, GG16, GAB+16, GGP+13, GX15, GCA14b, Gwi12, HKJ+12, HTT13, HTT14, HDM+12, Ixa10, JEC+12, JKS16, KAK12, KL11, KO14b, KO16, KMJS16, LHJZ10, LHC+13, LX14, LKW11, MGL13, MGO13, MCP+11, NHD16, PR10, PCGM14, Qia17, RKVL14, RF15, RS12, RAV11, RJJ16, RBBH15b, SBH+14, SW14b, SA15b, SKK11, SW11, TMA+15, TY10, TKL+12, TIM+16, TPC16, VLM11, WNYP17, WMRR17, YLK17, YTYA17, ZXL16, ZSD+16, ZSW+17a, SW14a]. D-3V [CC14].
DAMQT [LRR+15, LRR+17]. Darboux [ADdM14, ACDdM15, ADdM15].
dark [BBB+11, BBPS14, BBPS15, BHN+16, CCM12, HTY17]. Darwin [CC14, CC15].
dash [SCG11]. Data [BCJ+11, Car10a, DPK+15, KST+14b, XLW14, AAA+16, Ano10n, Ano11a, Ano11o, BDKS10, BALV16, BG13a, BBV10, CL15a, Car10b, CMSV14, CO11, DRUE12, DDK+15, DADS11, ECD+10, End11, Fer15, FCC15, FWS+17, GMRHRCME13, GTL+17, GPJ18, GdGB+18, HBP14, Hir15, JTH14, KFF+16, Kom15b, MW12, MGO13, MD10b, MM11, MGFRG12, MGR16, dRL11, PCV11, PGO17, RMW13, RSH+10, SEW12, SEW14, Shi16, Sin11, Sin12a, SAS11, SOJ14, SSM+17, TRM+12, Var16, WM11, YG12, ZSW+17a, Zlo14, dBC14].
dealloying [ZD+13]. Decay [AP10, ADF+15, BGM+14, CDL+12, Gin10, LMAB16]. decays [AC17, CGV13, CCN17, DET12, DGPW11, ES16, FEH11, HEF12, WT12].
decimation [US16]. decomposition [ASPW13, APC+14, BS15a, BS15b, CECGS16, CH11a, DO14a, DO14b, GWF+16, JU17, JS16, KU10, LHJL16, MRL18, MCL+17, QL10, San15, TD14, WM13, ZHC16]. decompositions [FRG12].
decoupling [SS12]. dedicated [MH11, Pat12]. deexcitation [RLS16]. defect [DSC+15, HW12, MBB+13, OO15b, OO15a]. defects [CLC14, LZ18].
defined [ASPDL+16, Sza13a, WWS10]. definition
differentiator [LZZL10]. diffraction [FNPMB10, G10+17, MSPD12, WG16a, WS11a]. diffractive [FNPMB10].
diffuse [Gri10, XD13, XHD15]. diffusion [BMW14, BO12, CATK11, CB15b, CMdB11, CM14a, DJ12, EZL+16, GA10, GN14, HJ14, HZ11, MBRV+13, MF15, MS11, Pla16, SCM14, SL14, Tan10, Tia11, WXW14, WFW14, YQM12, YQM14, ZSW+17b, BR11, KdMvO14, MNPF17].
diffusion-controlled [Pla16]. diffusion-convection [GA10].
dilute [WZS+11]. diluted [SFP11]. dim [GMF+17].
dimension [ADdM+12b, BNAB11, Ein16a, EGPS10, GFB+10, GGF+13, JWC18, LKT+16, RU13].
dimensional [AG14, ASS13, AH13, BT17a, BDP16, BC11, CZD15, Cap13, CAN11, CS16, CjH11, CLJ12, CC15, CW16, CHC+11, CC10b, CC12, CR12, CvW12a, CvW12b, CHZ18, Dan14, Dan16, Dan17, DGI0b, DSl1b, DM17, DS13c, Dua10, DO14a, DO14b, FFT+14, Fen12b, dAFdVM12, Fil13, GTPWL12, HHC+10, HLW16, HCSW10, JEFP14, JWCW17, JPM12, Kap12b, KHB14, KS16a, KKP11, KP12b, KYKN15a, KYKN15b, KH12, KO12, KO13, KS12, KB15, KMA+12, LJSW11, LLSK17, LWL12, LST15, LLX16, LHH+12b, LJZ+18, LLX14b, LR13, LR16, MEM+11, Mkr+12, MSZW11, MNPF17, Mil14a, Naz12, NAQ16, PBE14, QA13a, Qia16, QLE16, Rtv16, Rei11, Rei12, RHC15, RCH16, RGKR17, RWKS15, SFP11, S ´O´ON11, SCLW16, SLR16, SdJ+12, SjW10, TD14, TT14, VK14, WC10, WWC+16, WvSL13, XZF12, XZ12, YWX11, ZFH14, ZYZ15, dlHV12, vRWS14].
dimensionality [BH17].
dimensions [Chr18, DMC10, DKOS14, Exl17, KAvdL11, LA13, TSIM16, dSdO12].
dimer [Ots11]. diminishing [MKU+12].
diodes [YSN+14]. dipolar [KYSV+15, LBB+16, LYSS+16, TzM17].
dipole [HMU10, HRC11, RE12, SGDS16, TU14, vWB10].
Dirac [MN16, MFSo10b, AL17, BB15, BW12b, BBF+10, CPV13, FGLB12, HP14, KCT15, PB16, STK10, SP16, Sta13, TKS10, ZF16, dlHV10].
Direct [LLZ+17, SKH+10, Wei11a, BCM+16, CDS13a, GJ13, LOK+16, LSK+13, ML16, OP12, WBS+18, WAW14].
Direct-MPI [WAW14].
direct-sum [GJ13].
directed [FLP10, QC10+10, dSLF13].
direction [LST15, LSK+13, MRL18, NO14, TT14, XYK12, XZ12].
directive [BG+15].
directive-based [BG+15].
directly [Kon11, Sco13].
DIRHh [NPVR14].
Dirichlet [RC16, HSD17, Jiw15b, RC13, RHH12].
disaggregation [Bi15].
disc [Lan13].
discharge
[HC+11, LHH+12a, UBRT10].
discharges [FK12, HCHW11, KRB15, KSYY13, MRL18, SVG10, SBL16].
disciplinary [WSH+12].
disconnected [ACD+14a, BCS10].
discontinuities [DR12].
discontinuous [EW14a, Ein16a, HLLH16, HWS16, LLP15, LLMW17, Maz13, WP10b, YWX11].
discovery [LCR10].
discrepancy [VLD+12].
Discrete [CR12, EW16, AGMS15, ELDS14, GMRHCM13, GMPFC+14, GJHF14].
KV10b, LCH11, LYL+17, MD10a, NMS14, RTÅ15, SL17, SWL+15, Sza13b, Sza13a, Sza16, ZAHA10, EW14b, EEGW12. discrete-dopant [LCH11].
disorder [ABCM14, TKP12]. dispersed [Sie16]. dispersion [BSK+18, FMW10, JL10, Kon11, LKA+16, MFH+13, PSB11, PSBT12, Sco13, SB11, sX14, vMB14]. dispersion-free [LKA+16]. dispersions [ZZ17b]. dispersive [CW16, GAO13b, HLW16, Ram10, Ram14, WWHW14].
displacement [UW12]. displacements [LS15b]. dissemination [LHC+12]. dissipation [PDJ10]. Dissipative [JBKM15, ASPW13, BTL+17, CCWL11, FDZ17, GAHP15, GTS14, MDPTTC17, MNC15, TK14a, TD17, WXW13, WXW14, YLQ+17, BJM15, LB+14, MDPTK15]. dissolution [XHLM12].
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, BNO17, CW16, DO14b, FRG12, FNPMB10, HJ17, HE13, HC16, HC17, HvH16, Hsu11b, JLM18, JU17, Kap12b, MRL18, MBFD12, ICD13, MCL+17, Oti13, QL10, Ram14, SGM18, SW12b, TD14, TT14, VDB14, ZLL13, ZHC16, HK+12, MCM+12].
domain-decomposition [MRL18]. domains [Bot13, DSI3a, JYPA18, KSW12, OOK+12, SNB11, SK15]. dominated [Kau13]. dopant [LCH11, SD14]. doped [KAR+15, NS11b, SQ+10].
dots-An [GWL+17]. double [CWW10, GC10, GC13, GC16, GC18, MD10a, Ram14, TTG11].
double-dispersive [Ram14]. doublet [ERS10c, ERS10a, ERS10b].
doubling [CL15b, FGLB12]. Doubly [GH11, SEW12, SEW14, WW13].
DPD [MDPTK15, PTMDPK14, SH12a]. DPM [RB18]. Dr [OTC14]. DRA
eddy [TIMM13], edge [BMU11, CCLL18, FRFH10, FR15, LDR+17, SCB+17a, SPY11, ZDWM17].
edge-based [CCLL18]. Editor [Sco13]. Editorial [Ano10a, Ano10b, Ano10c, Ano10d, Ano10e, Ano10f, Ano10g, Ano10h, Ano10i, Ano10j, Ano10k, Ano10l, Ano10m, Ano11c, Ano11d, Ano11e, Ano11f, Ano11g, Ano11h, Ano11i, Ano11j, Ano11k, Ano11l, Ano11m, Ano11n, Ano12a, Ano12b, Ano12c, Ano12d, Ano12e, Ano12f, Ano12g, Ano12h, Ano12i, Ano12j, Ano12k, Ano12l, Ano13a, Ano13b, Ano13c, Ano13d, Ano13e, Ano13f, Ano13g, Ano13h, Ano13i, Ano13j, Ano13k, Ano13l, Ano14a, Ano14b, Ano14c, Ano14d, Ano14f, Ano15a, Ano15c, Ano15d, Ano15e, Ano15f, Ano15g, Ano15h, Ano15i, Ano15j, Ano15k, Ano15l, Ano16a, Ano16b, Ano16c, Ano16d, Ano16e, Ano16f, Ano16g, Ano16h, Ano16i, Ano16j, Ano16k, Ano16l, Ano17a, Ano17b, Ano17c, Ano17d, Ano17e, Ano17f, Ano17g, Ano17h, Ano17i, Ano17j, Ano17k, Ano17l], Editorial [Ano18a, Ano18b, Ano18c, Ano18d], Editors [Ano10a, Ano11b, Ano12a, Ano13a, Ano15a, Ano16a]. education [LPBH11, Mühl14c, TN11]. Edwards [FFT+14, SJ17]. EERAD3 [GGGH14]. ef [DIP11]. ef-based [DIP11]. Effect [CHH+11, KSH11, SBL16, AG14, CF514, Kri12, OCL+13, QHZ+14, SWL11, SDJ+12, WBY11]. Effective [BCS10, VLD+12, CLC14, CM15, CGG+14, Cri18, HHC16, Jia12, LG+12, Nem16, NRSV12, ZTG13, ZTG14]. effective-mass [HHC16]. Effects [iT11, BDK11, DGM15, GTSL+13, GB14, KZ11, KS16b, KKS18, LHSL14, Lui15a, MDPTK15, PBE14, VV16, WT12, dSVLP13]. Efficacy [DML+16]. Efficiencies [AMJ18]. Efficiency [LV15, WG11, ZPvR16, AKK+18, FZ16, GLAC13, GSKM15, JAS17, KK17, LCRL10, VS16, WW12]. Efficient [AS11b, AAT17, BCJ17, CMN12, CSR13, FUSH14, FC17, GBP13, GST17, GGG16, GVS+15, GA13, HG13, HXW+13, HAN+16, HCH16, JU17, JMG+17, KA17, LHZ11, LAG+17, SLQ14, MA11, MSL10, NVAF018, Qia16, RA13, RF15, SZ15, SHMN11, SCM14, SA14, THDS16, USOA13, VDF15, VBS+17, Wal11, WS11a, WLM+12, WT12, Wil15, WWFT11, WAW14, vRWS14, ARAB+17, ASP13, AMM11, AGH+16, AL17, ACT15, BJFW13, BB13b, BH+12, CLB11, DCC+10, DSKG16, DMC10, DG16, FLW17, FHTO17, GS17b, GS17a, HJ17, HBP+15, JKIS16, Koh15, LK12, Leò12, LIH+15, LW11, Lya15, MFG+13, MG16, MCNC16, NPAD11, Nik12b, OK14, PMS+17, PM16, PS11, QN14, RLM13, RJKC16, SW13a, SR12, Shi16, SK14, TSM16, TZM17, VdLF14, VLL+17, WWS10, Wan10a, WX11, WZ13, WLGY18, WDR16, Zou18, dBC14]. efficiently [SZC+13]. EFT [GBD10]. eHDECAY [CGG+14]. eigen [CHDC1A17]. eigen-stress [CHDC1A17]. eigenfunctions [BAF18, GCA14b, MGL13]. eigenmodes [HSK+12, TJ17]. eigenproblems [DB12, RLM13]. eigensolution [FZ16]. eigensolver [GBP13, GAO13b, SAY+18]. eigensolvers [DB13, LT15, VBS+17]. eigenstates [RPL+14]. eigenvalue [BMU11, CDMCN11, DB13, DPB16, DS15, GHvDL11, HKSW10, Ixa10, JWM+18, LR13, LR16, MKR+12]. eigenvalues [BW12b, DKOS14, GCA14b, HLW16]. eight [PAS11, PS14]. eight-step
elements [ABB\textsuperscript{+16}, AC13, Arb12, CCHL11, CK12, CBB14, FNPMB10, HS14b, LA13, MSRL10, PO14, Sar17a, Sar17b, SD10a, USOA13]. eliminate [HHT14]. Elimination [MBFB13, YXD\textsuperscript{+15}]. ellipses [SC14]. elliptic [Boy15, GCVA14b, MCL\textsuperscript{+17}, PS11]. elliptical [Hal17]. ELMAG [KOT12]. ELRADGEN [AFIS12]. ELSI [zYCG\textsuperscript{+18}]. Embedded [BM13, RHH12, DFM\textsuperscript{+15}, Duf16, MKL17, PS14, PP13]. embedding [QJF16]. Emden [CB13b, KMI13, PDRG10]. Emergence [dSVLP13]. energetic [PCGM14, TJH17]. energies [DT11b, Gen10, GFJ\textsuperscript{+14}, GBJ\textsuperscript{+15}, Kol15, RJ12, TKP15, ZMCT12]. Energy [AAA\textsuperscript{+16}, AK15, BvH15, CMR17, MGL13, RtV16, AG14, AKV18, BMC\textsuperscript{+11a}, BT17a, BDKS10, BH14a, BH14b, BUJ15, BKA\textsuperscript{+14}, BIT12, CLH\textsuperscript{+17}, CTV10, CHDCJA17, CC14, CC15, DCC\textsuperscript{+10}, DGPW11, Den10, DR12, DFM\textsuperscript{+15}, Dur16, Eme11, ECSH16, FTI18, FGGM11, FS17, FZY13, GB10, GZW17, GCVA14a, Hah12, Hoh14b, HEPW13, HS16, JPCG15, KTB17, Ker17, KAR\textsuperscript{+15}, KK14a, KCA\textsuperscript{+15}, Kra11, LAA\textsuperscript{+10}, LCY\textsuperscript{+11}, MD10a, MDHD18, MSPD12, MMT\textsuperscript{+11}, Miy15, NRSVW12, PB13, RPL\textsuperscript{+14}, RFPM\textsuperscript{+17}, Rom15, SSF\textsuperscript{+14}, SA14, TM14, TVGB15, TS10, UA17, WRFS15, WS11a, WX13, WX14, WP10a, Wei15, Wil15, YZ16, ZPH\textsuperscript{+15}, ZZD15]. energy- [CC14, CC15]. energy-based [WP10a]. energy-conserving [DCC\textsuperscript{+10}]. energy-dependent [Ker17]. energy-invariant [MDHD18]. energy-preserving [Miy15, WXL13, YZ16]. engagement [Che11]. Engine [GBJ\textsuperscript{+13}, CJJ\textsuperscript{+17}, DRI\textsuperscript{+16}, GBFJ14, GBJ\textsuperscript{+15}]. engineering [Zhe15]. Enhanced [BHNS17, CHDCJA17, Rap11, JTP15, PLD15]. Enhancement [VCMS\textsuperscript{+13}, CLY11, EEGW12]. ENO [AAD14]. ENO-flux [AAD14]. Ensemble [TDL\textsuperscript{+14}, BAI16, BG13a, GA15, MMO\textsuperscript{+17}, MHR\textsuperscript{+13}, PA13, ZKW\textsuperscript{+15}]. ensembles [CRNK12, FD13, MJB11]. entangled [JWC18]. entanglement [RL12]. enthalpies [ZHH\textsuperscript{+16}, ZMCT12]. entire [Wei11a]. entropies [ZMCT12]. Entropy [TW11, CHDF10, Les16, LLG17, PE17]. entry [JXTS16]. enumeration [CS16]. environment [CP17, GIO14b, JVR12, SUS\textsuperscript{+17a}, WP10a]. environmental [GMPC\textsuperscript{+14}, KKS18]. EnvironmentalWaveletTool [GMPC\textsuperscript{+14}]. environments [FS17, NMCR15]. EPCM [PS14]. epidemic [CF17]. epsilon [GM17, GS14, HL13, Pra17]. Epstein [Ram10, Yan09]. EPW [NGM\textsuperscript{+10}, PMVG16]. eqtools [CFW17]. equality [ON11]. Equation
BCT17, CEP18, GDB10, GH11, Moh14, PZY16, Pat12, PH11, Ram12. 

Finite [LYP14, MCM12]. Finite-difference [DSPJ10, TMA15, ACTP15, CW16, FNPMB10, GS17b, GS17a, GB14, HE13, MSS+16, MBFD12, ICD13, RC13, TT14, VDB14, VDAH16, VV16, Wit14, YRR13, YXT15, YQM12, YQM14, dDYK18, Hak16, HKF12].
four-dimensional [KMA+12, Mül14a]. four-loop [Pik18]. four-particle [GKM10, GSMK17, MGK13, SMGK14]. four-loop [BH13].

Fourier [FCC15, JLIW13, AQJ10, AH13, BK11a, BCM+16, Cz17, Cz18, GMF+17, HbotRC15, KZC+10, LDF+16, MJB+10, PCGM14, RWKS15, SS11b, SBvD13, TO10a, Trös11, WLM14, YZ16]. Fourth [BK16a, MC16, XYK12, BIT12, DZ13, HZ11, KMS14, LLXK16, lLS14, NS15, SB11, SS10b, UNK12]. fourth-degree [UNK12]. Fourth-order [BK16a, XYK12, BIT12, DZ13, HZ11, LLXK16, lLS14]. 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, MDHD18, PSB11, PSBT12, SW12b, YQM12, YQM14, BK13b]. fracture [RT˚AT15, MC16, XYK12, BIT12, DZ13, HZ11, LLXK16, lLS14].

fracture [RT˚AT15, VLM11, VKLM11, VLM11].

fragment [JWCW17].

fragmentation [BG14a, DG16, HK12, MST+18]. frames [MFS+10a, SS11b]. framework [Ano11o, CMC+15, CEZ16, CFS13, CFFR15, DMC+15, ESM17, DRI+16, GBFJ14, HMRL14, HM12b, JEC+12, JNN12, JNN13, KEH12, KST15, KSH14, KPOR18, LSDD14, LS14, LS15a, LRW+15, LZPI12, MLR10, MGFRG12, NBM+15, NPVR14, PGO17, RM14, SV14, SSX14, St18, SJ11, Sva12, TOB+14, TVT+16, VE1+18, WFV14, ZHH+16, ZHL11, CF16, FCC15].

Free [ACMM10, Gen10, AK15, ACTP15, BCT17, CDD+16, CGM17, CP15a, CPDdM18, CXH+15, CPR12, Deu16, DFM+15, Duf16, DGG13, FS17, FBHB17, FM15, Hon10, HS16, HHS+10, JPCG15, KT12, KST14a, KH12, LKA+16, LF12, LWES18, MRL18, MeM17, MFS+16, ORI+10, PIH11, DMH16, RJLL16, SA14, UA14, Wil15, WP14, XD16, Zast14, 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, RVA14, RJ12, YFAT17].

Frequency

[HC17, BDGM+17, GLAC13, GB14, Hsu11b, KMD12, KM17, KSY17, LY16, Lag+17, MCP+11, Oti13, PP13, Ram10, SG10, TSIM16, TIM+16, TUY15, WCT11, YZW14, MCM+12].

Frequency-domain [HC17, MCM+12].

FRESH [KBT+14]. Fresnel [JTP15, VLZ17]. FRET [EBDM17, HG13].

FREYA [VRV15, VRV18]. frIC [Roh16].

friction [AMM11, HST+11, RU12].

frictionless [LDW13].

Friedel [TW11].

friendly [CFS13, RFPM+17].

fringe [MB12, MB12].

FRODO [AC13].

frog [AMZ14, HP14].

front [Ano16m].

fronts [KR14].

Frozen [LY16, RCGT16].

frozen-core [RCGT16].

frustrated [IUM13, KGN10, Leé12].

frustration [HML11].

fs [REtVH12].

FSAL [FLW10].

FSI [FHTO17].

FTS [Ruf13].

Fuchsia [GM17].

fuel [AMZ14, BCP+16, NGCI+12].

Full [DNPS13, AM14b, BMU11, CL15a, CGB14, Dan11, FEH11, GAB+16, HEF12, JBG+17, KGG+16, Liu15a, LWES18, PBMDAD12, PCGM14, YTYA17, ZY15, RSS+10].

full-(GAB+16].

Full-Metadata [RSSH+10].

full-orbit [PCGM14].

full-potential [LWES18, PBMDAD12].

full-torus [KGG+16].

fullerenes [RM14].

Fully [LWES18, HHS+10, KRB15, PN15, Pik18, SS+16, VVB+12].
Fully-relativistic [LWES18]. FUMILI [Sit14a, Sit14b]. FUMILIM [Sit16].

Function [AQJ10, AKR15, AK13b, BH11, BSGG10, BK16b, Cha16, CDL+12, DCC+10, DN18, DM17, DdMN16, Fen12a, Fen16, FM12, GST12, Jab12, Jab13, Jab15, JLM18, KDM11, LSF14, LKL11, LHS14, MR13, OKP10, PLF+17, Pla16, PM13, Raw15, RMC16, SS11a, TTT16, Veb12, XD13, XHD15, YTYA17, ZF15, ZDWM17]. function-velocity-magnetic [YTYA17].

Functional [BC10, DBB12, GS17b, GS17a, LT15, VCMS+13, ASA18, AKZ+13, BBH11b, CDTV10, CXH+15, FSC13, GWL+17, GBR+14, GST15, GTS14, GS14, GYW+10, GCVa14a, HK12, HCH16, HL13, HM12c, JL12, KK16a, Kap12a, KH11, KCL11, Kir10, KAW+10, LD10b, LM12, Liu11, Liu13, MK10, MGRB11, MOB12, NRAD11]. functionalities [CB15a, CB17].

Functions [CGO17, ARAB+17, AWK+16, BDBV12, BMW14, BKK13, BKM14, BK15, BK16b, CM10a, Cai11, CMSN18, CD15, CCWL11, CLJ12, CSRV13, CEP10, Cou13a, Cou13b, DRR15, DGST17, EUT+15, Ert15, ER+12, FP14, GDB10, GST15, GTS14, GS14, GYW+10, GCVa14a, HK12, HCH16, HL13, HM12c, JL12, KK16a, Kap12a, KH11, KCL11, Kir10, KAW+10, LD10b, LM12, Liu11, Liu13, MK10, MGRB11, MOB12, NRAD11].


gate-based [MNW+17]. gateway [VK16]. gather [MTI15]. gauge [BB13a, BW12a, CB13a, CSBO13, Fri14a, Hb0RC15, LSSW14, SV13, YW17, MSG13]. gauged [Fis12]. gauginos [Sta13]. Gauss [MS10, MS15].

Gaussian [EKDGG15, Er14, FM12, BJKM15, LY16, Odr11, PPY14, Ray10, RVDS16, RDVS18, TZE16]. Gaussian-inspired [BJKM15]. GBS [JHL+15].

GenASiS [CB15a, CB17, CB18]. Gene [BW15, CRA10]. Gene/P [CRA10]

gener [CKFB12]. General [Bot12, ASPDL+16, AABC+13, AC15, AC18, CH11a, CPV13, CvW12a, CvW12b, EKO16, Fer15, Fuk17, GTPWL12, GJ14, GNA+15, GBRB11, Gri11, HRC11, JKG+18, KAK12, KMA+12, LS14, LS15a, Lnn11, LW14b, LHF18, LSSW14, MKV11, NMCR15, RFPM+17, Sal16, SS10a, TadAdSS11, sX14, YLTS16, Bre10, GLMG12].

general-purpose [ASPDL+16, AABC+13, Fer15, GNA+15, RFPM+17, TadAdSS11].

general-relativistic [KMA+12].

generalised [BBC+13a, Fuh15].

generalized [JPH+14, NLSJ17, BDV11, Brá15, BKK13, BK15, BK16b, CC16, DDB12, Ert15, Fer15, GB17, GBS16b, HBP+15, HMU10, MV11, DPHB17, PLF+17, Rei10, SG15, Sem16, XWhZ13, YFAT17, ZS13, vH18].

GEnerator [CF16, GAGW16, AFIS12, AOK15, AhPSV15, BCM10, BCJW13, CWW10, CUL+17, CI11, DKT14, GP13, Gin10, HLD13, Kas14, KRW13, KYKN15a, KYKN15b, MO14, NCS17, OY13, RVD16, RDVS18, Sav15, Sha13b, Sha16, TU14, Tom16, Xu15, YWW13].

Generating [Bjö11, CC10a, JTH14, BJBC+14, BS11, BS13a, BS14a, BJCW13, Bor14, BGL+14, CF16, DCM+12, FMRP16, Fer15, GB17, GBS16b, HBP+15, HMU10, MV11, DPHB17, PLF+17, Rei10, SG15, Sem16, XWhZ13, YFAT17, ZS13, vH18].

Generation [CC10a, JTH14, BJBC+14, BS11, BS13a, BS14a, BJCW13, Bor14, BGL+14, CF16, DCM+12, FMRP16, Fer15, GB17, GBS16b, HBP+15, HMU10, MV11, DPHB17, PLF+17, Rei10, SG15, Sem16, XWhZ13, YFAT17, ZS13, vH18].

GEnerator [CF16, GAGW16, AFIS12, AOK15, AhPSV15, BCM10, BCJW13, CWW10, CUL+17, CI11, DKT14, GP13, Gin10, HLD13, Kas14, KRW13, KYKN15a, KYKN15b, MO14, NCS17, OY13, RVD16, RDVS18, Sav15, Sha13b, Sha16, TU14, Tom16, Xu15, YWW13].

Generating [Bjö11, CC10a, JTH14, BJBC+14, BS11, BS13a, BS14a, BJCW13, Bor14, BGL+14, CF16, DCM+12, FMRP16, Fer15, GB17, GBS16b, HBP+15, HMU10, MV11, DPHB17, PLF+17, Rei10, SG15, Sem16, XWhZ13, YFAT17, ZS13, vH18].

Generation [CC10a, JTH14, BJBC+14, BS11, BS13a, BS14a, BJCW13, Bor14, BGL+14, CF16, DCM+12, FMRP16, Fer15, GB17, GBS16b, HBP+15, HMU10, MV11, DPHB17, PLF+17, Rei10, SG15, Sem16, XWhZ13, YFAT17, ZS13, vH18].

GEnerator [CF16, GAGW16, AFIS12, AOK15, AhPSV15, BCM10, BCJW13, CWW10, CUL+17, CI11, DKT14, GP13, Gin10, HLD13, Kas14, KRW13, KYKN15a, KYKN15b, MO14, NCS17, OY13, RVD16, RDVS18, Sav15, Sha13b, Sha16, TU14, Tom16, Xu15, YWW13].

Generating [Bjö11, CC10a, JTH14, BJBC+14, BS11, BS13a, BS14a, BJCW13, Bor14, BGL+14, CF16, DCM+12, FMRP16, Fer15, GB17, GBS16b, HBP+15, HMU10, MV11, DPHB17, PLF+17, Rei10, SG15, Sem16, XWhZ13, YFAT17, ZS13, vH18].

Generation [CC10a, JTH14, BJBC+14, BS11, BS13a, BS14a, BJCW13, Bor14, BGL+14, CF16, DCM+12, FMRP16, Fer15, GB17, GBS16b, HBP+15, HMU10, MV11, DPHB17, PLF+17, Rei10, SG15, Sem16, XWhZ13, YFAT17, ZS13, vH18].

GEnerator [CF16, GAGW16, AFIS12, AOK15, AhPSV15, BCM10, BCJW13, CWW10, CUL+17, CI11, DKT14, GP13, Gin10, HLD13, Kas14, KRW13, KYKN15a, KYKN15b, MO14, NCS17, OY13, RVD16, RDVS18, Sav15, Sha13b, Sha16, TU14, Tom16, Xu15, YWW13].

Generating [Bjö11, CC10a, JTH14, BJBC+14, BS11, BS13a, BS14a, BJCW13, Bor14, BGL+14, CF16, DCM+12, FMRP16, Fer15, GB17, GBS16b, HBP+15, HMU10, MV11, DPHB17, PLF+17, Rei10, SG15, Sem16, XWhZ13, YFAT17, ZS13, vH18].

Generation [CC10a, JTH14, BJBC+14, BS11, BS13a, BS14a, BJCW13, Bor14, BGL+14, CF16, DCM+12, FMRP16, Fer15, GB17, GBS16b, HBP+15, HMU10, MV11, DPHB17, PLF+17, Rei10, SG15, Sem16, XWhZ13, YFAT17, ZS13, vH18].
[CF16, DS11a, GWM13, GLR17, LAS+17, TUY15, Zlo13]. **Graphics**

[Dem11, APRG11, BdVGS11, BK11a, BHS18, BJCW13, CDS13a, Col14, DBDP12, DF13, FSH13, FUSH14, FCVH17, FZY13, HAN+16, MED11, MEM+11, NPAG11, PLD+13, Rap11, SH12b, TD11, Tic10, TB14, WDL11, WWFT11, MSML10, YLO13]. **graphics-processing** [MED11, Tic10].

**graphite** [CCL15, WWL11].

**graphics** [MED11, Tic10].

**graphs** [BBW11, Bor14, FRW17, MKMK10, MKV11, SI11].

**Grasp** [JGB+13].

**gratings** [CZL+11, FBN+13].

**gravitating** [MT13].

**gravitational** [Cro16, KM10, PMS+15].

**GravitinoPack** [ES16].

**gravitons** [AAB+10b].

**gravity** [ACML11].

**Grazing** [MPSV15].

**Grazing-incidence** [MPSV15].

**greedy** [SJ17].

**Green** [AK13b, JLM18, KK16a, KDM11, Liu13, PLF+17, Pla16, WAHL13, XD13, XHD15].

**Greenwood** [CKT17].

**Grid** [KK14b, BH17, BAR12b, BOGL17, CBGY17, CB16b, DF11a, FZY17, GBN17, GXF+15, GLHG12, HP14, HvAS+13, HZW+16, HKK11, KDP+14, KK14a, KV10a, LWRQ16, NVW+13, RC11, Ser17, TH17, TIMM13, WRFS15, YRR13, ZS13, BCJ+11, LHL11, MLR10, MWL+10]. **Grid-based** [KK14b, KK14a]. **grid-computing** [KDP+14]. **grid-convergence** [CB16b].

**grid-resolution** [CBGY17].

**Gridless** [BCDP18, OCF10].

**gridlock** [wH15].

**GridMD** [MV11].

**grids** [BHS15, DJ11, DHS14, FRFH10, GN14, GSKM14, HWS16, JBG+16, JBG+17, LYP14, LHGF18, MTO15, SC15, SHL+11, YJK11, ZNT15].

**GriF** [MLR10].

**GRLW** [MM10].

**GROMACS** [PSMS14, PSMS15].

**GROMOS** [SCC+12].

**Gross** [AD14, AD15, ABDR17, CR13, KYSV+15, LBB+16, LYSS+16, MGL13, MGL16, SSB+16, VDAH16, VVB+12, YSVM+16, YSMA+17].

**ground** [CR13, ELL+17a, JWL13, MH11, WX14, WGG16].

**group** [CLKK11, FSC13, Fon12, HB12, JC16, KK16b, LSSW14, MSHLS15, MSHL17, NBN+14, PO14, RGH10, Roh16, Sta11, Trö11, Ver16, WPAV14, ZAHA10, LSR+17].

**group-correlations** [CLKK11].

**group-theory** [ZAHA10].

**groups** [Nik12b, SK10].

**Grover** [LYZ13].

**GROW** [HKVR10], grown [RDP14].

**growth** [FBG10, JEFP14, LLSK17, MS11, RH11, SÖÖN11, ZKG+18].

**GSGPEs** [CR13].

**GTROTA** [BSM13].

**Guadua** [VLM11].

**GUI** [Gos14b, Nov17].

**guide** [Hah12].

**guiding** [Nis11, PCCM14].

**guiding-centre** [PCCM14].

**guise** [ZF15].

**GW** [DSLP11, KOK17].

**gyro-kinetic** [SKK17].

**Gyrokinetic**

**kGG+16, DJ14, GAB+16, HKJ+12, JBG+16, JBG+17, KS16b, KH12, MIW+12, MIW+13, MKR+12, PDJ10, SISW10].

**gyrokinetics** [ZW15].

**H** [PCEH15], **H1** [GRZ10], **H2SOLV** [PZY16], **H5MD** [dBCH14].

**Haar** [Jiw12, KMM13].

**Haas** [RK12].

**Hadron**

**bsw12, acD+14a, BDC+14, BHZ13, CCN17, CM14b, DDKM15, Gao13a, GLS+13, Gr10, OK12, SYZ+12, SYZ+13, ZYL+15, Tom16].

**hadronic**

**cww10, cww15, GLPQ11, KKK+15, WW13, ALL+11].

**hadrons** [Kol15].

**hadroproduction** [WW14].

**haggies** [Rei10].

**Haldane** [BDK11].

**half**
Hall [VPM12]. Hall-driven [VPM12].

Hamiltonian [ART17, Alv12, CYSL12, CSJ17, Chr18, CKCS13, DBP16, LV14, MBFD12, DPH17, SP16, SEG15, SRL16, USOA13, WXL13, YZ16].

Hamiltonians [BM16, CNMC10b, HHC16, LJB16, hand [STK10, TKS10].

Hand-driven [VPM12].

Handheld [CDSG11].

Handling [HL18].

Hardware [BdVGS11, RLMGM11].

Harmonic [BD14, BDP16, BDV11, GKM10, GSMK17, GBSY18, HLLH16, LLP15, sLqS13, MBGK11, MGK13, dlRL11, PSL17, SDMS12, SDS17, SS11a, SMGK14, SSK13, TVT16].

Harmonic-oscillator [GKM10, MBGK11, MGK13, SDMS12, SDS17].

Harmonics [ASS13].

Harness [KBT14].

Hartmann [ZONZ13, ZNT15].

Hartree [PSL17, SW4b, SDM12, SDo17, ZF16, BM16, BMW14, DG10c, Fis11, GBD10, Kob13, KS12, OT11, SEW12, SEW14, ZY15].

Hase [SKB10].

HASEonGPU [EZBA16].

Hashing [JWM18].

Hastings [GM14, MP11].

Hastings-class [MP11].

HATHOR [ALL11, KKK15].

HAWK [DDKM15].

HDECAY [CGG14].

HDMR [LLX14b, LWL12].

Heart [ZBMM11].

Heat [CB15b, DBMR18, Fri10, HWS16, JYPA18, LWZ14, MLS10, MK10, iSYS12, SR12, SN16, XZF12, ZMCT12].

Heat-bath-inspired [Fri10].

Heating [BB13b, JGC11, MTM14].

Heavy [ALL11, LCL11, BKMP16, BG14b, CW10, CKFB12, CCN17, HLM17, JuIAM16, KB14, MMT11, Sha13b, Sha16, SQS16, WW14, WW13].

Heavy-baryon [LCL11].

Heavy-ion [SQS16].

Heavy-quark [CCN17].

Heavy-top [HLM17].

Heine [GLX14].

Heisenberg [BPP11, HvWT17, KNS10].

HELAC [BCG13, Sha13b, Sha16].

HELAC-NLO [BCG13].

HELAC-Onia [Sha13b, Sha16].

Helical [LFG14].

Helices [HS12].

Helicity [CKJR11, dALM12].

Helicon [ML14].

Helium [CHH11, LB11, LB12, Min11, SQS15, WFM14].

Helium-4 [Miu11].

Helium-like [LB11, LB12].

Helmholtz [CC10b, CC12, OK14].

Helper [WMK11].

HEP [CMS14].

HEPMath [Wie15].

HepML [BDKS10].

Hermite [CDMB16, LDF16, PDRG10].

Hermitian [BW12b, CDMCN11, HK13, IWW10].

HERWIG [KRW13].

Heteroepitaxial [Dan14, Dan16, Dan17].

Heterogeneous [CF17, DCVB13, GXF15, LG12, LSYZ12, MMP14, San11, TKP15, VLPPM14, XLX15].

Heteropolymer [Fri17].

Heteroscedasticity [ICPD16].

Heterotic [NRSVW12].

Heuristic [CNMC10a].

Hex [BH16].

Hex-ecs [BH16].

Hexagonal [CCL15, TMA15, VLM11].

Hexahedral [FXZ14].

HF [RHBH15a, RHBH15b].

HFBtho [PSL17, SSK13].

HFodd [SDS17, SDM12].

HFOld [FEH11].

HIBRA [JuIAM16].

Hidden [KZ11].

HidSecSOTSUSY [KZ11].

Hierarchic [CHDF10].

Hierarchical [Hoh18, Roh16, CB15c, KN13, MCWJ15, OKM12, QJF16, ZMV13].

Hierarchical-gradient [KN13].

Hierarchies [JJB11].

Higgs
42

[ERS10c, AC17, BGM+14, BBH+10, BBH+11a, BHZ13, CGG+14, DDKM15, ERS10a, ERS10b, FEH11, HP17, HLM13, MGS13, SAE+16]. **Higgs-mass** [HP17]. **HiggsBounds** [BBH+10, BBH+11a]. **High** [AAA+16, AQJ10, BCT17, BvH15, Ein16a, GS15, Gai17, GBFJ14, HvWT17, JTW+17, LWL12, LSR+17, MF17, MD10b, ML16, DPHB17, NS15, NO12, PHA18, RHW+12, SSH+13, SA15b, SMGK14, TY10, WGVPL17, AAD13, AAD14, Ara14a, Ara14b, AH13, BDT15, BDKS10, BH14a, BCH17, BCDP18, BWPT11, BKPT12, BY13, BMG+15, BBH+10, BBH+11a, BHZ13, CGG+14, DDKM15, ERS10a, ERS10b, FEH11, HP17, HLM13, MGS13, SAE+16]. **Higgs-mass** [HP17]. **HiggsBounds** [BBH+10, BBH+11a]. **High** [AAA+16, AQJ10, BCT17, BvH15, Ein16a, GS15, Gai17, GBFJ14, HvWT17, JTW+17, LWL12, LSR+17, MF17, MD10b, ML16, DPHB17, NS15, NO12, PHA18, RHW+12, SSH+13, SA15b, SMGK14, TY10, WGVPL17, AAD13, AAD14, Ara14a, Ara14b, AH13, BDT15, BDKS10, BH14a, BCH17, BCDP18, BWPT11, BKPT12, BY13, BMG+15, BBH+10, BBH+11a, BHZ13, CGG+14, DDKM15, ERS10a, ERS10b, FEH11, HP17, HLM13, MGS13, SAE+16]. **Higgs-mass** [HP17]. **HiggsBounds** [BBH+10, BBH+11a]. **High** [AAA+16, AQJ10, BCT17, BvH15, Ein16a, GS15, Gai17, GBFJ14, HvWT17, JTW+17, LWL12, LSR+17, MF17, MD10b, ML16, DPHB17, NS15, NO12, PHA18, RHW+12, SSH+13, SA15b, SMGK14, TY10, WGVPL17, AAD13, AAD14, Ara14a, Ara14b, AH13, BDT15, BDKS10, BH14a, BCH17, BCDP18, BWPT11, BKPT12, BY13, BMG+15, BBH+10, BBH+11a, BHZ13, CGG+14, DDKM15, ERS10a, ERS10b, FEH11, HP17, HLM13, MGS13, SAE+16]. **Higgs-mass** [HP17]. **HiggsBounds** [BBH+10, BBH+11a]. **High** [AAA+16, AQJ10, BCT17, BvH15, Ein16a, GS15, Gai17, GBFJ14, HvWT17, JTW+17, LWL12, LSR+17, MF17, MD10b, ML16, DPHB17, NS15, NO12, PHA18, RHW+12, SSH+13, SA15b, SMGK14, TY10, WGVPL17, AAD13, AAD14, Ara14a, Ara14b, AH13, BDT15, BDKS10, BH14a, BCH17, BCDP18, BWPT11, BKPT12, BY13, BMG+15, BBH+10, BBH+11a, BHZ13, CGG+14, DDKM15, ERS10a, ERS10b, FEH11, HP17, HLM13, MGS13, SAE+16]. **Higgs-mass** [HP17]. **HiggsBounds** [BBH+10, BBH+11a]. **High** [AAA+16, AQJ10, BCT17, BvH15, Ein16a, GS15, Gai17, GBFJ14, HvWT17, JTW+17, LWL12, LSR+17, MF17, MD10b, ML16, DPHB17, NS15, NO12, PHA18, RHW+12, SSH+13, SA15b, SMGK14, TY10, WGVPL17, AAD13, AAD14, Ara14a, Ara14b, AH13, BDT15, BDKS10, BH14a, BCH17, BCDP18, BWPT11, BKPT12, BY13, BMG+15, BBH+10, BBH+11a, BHZ13, CGG+14, DDKM15, ERS10a, ERS10b, FEH11, HP17, HLM13, MGS13, SAE+16]. **Higgs-mass** [HP17]. **HiggsBounds** [BBH+10, BBH+11a]. **High** [AAA+16, AQJ10, BCT17, BvH15, Ein16a, GS15, Gai17, GBFJ14, HvWT17, JTW+17, LWL12, LSR+17, MF17, MD10b, ML16, DPHB17, NS15, NO12, PHA18, RHW+12, SSH+13, SA15b, SMGK14, TY10, WGVPL17, AAD13, AAD14, Ara14a, Ara14b, AH13, BDT15, BDKS10, BH14a, BCH17, BCDP18, BWPT11, BKPT12, BY13, BMG+15, BBH+10, BBH+11a, BHZ13, CGG+14, DDKM15, ERS10a, ERS10b, FEH11, HP17, HLM13, MGS13, SAE+16].
incomplete [LHJZ10]. incompressible [BCM+16, CC16, DBMR18, EW14a, GZW17, Ki10, Koh15, NHSY15, RH17, YTYA17]. incorporated [AM14b]. Incorporating [KZi11, LYZ13, TKP15, WN10]. incorporation [CL11]. independent

[Ein16a, HO13, Les16, LLX14a, SMc+17, ZKS13, HSD17]. index


[HJL+14, LHJ+15, MJKB18, SS11b, RTv16]. inexact [RLM13]. inference [CRB+17, KD16]. InfiniCharges [SGDS16]. infinite [SS10b]. infinity

[SBH+12, ZLL13]. infinitely [BAF18]. infrared


[Per14]. Integrated [JGC+11, NBW16, Ano10n, GGI+13, GC12, RB18]. integrating [Bot12, dHV10]. Integration [MAIVAH14, AK13a, BKV16, BE14, End11, GDB10, Kan14, Kap12a, KD17, MF17, NPAD11, Odr11, Pan15, RBB15, SHT18, SS13c, SBL16, WAHL13, Wn10, YYWF09, ZF15]. integration-by-parts [Kan14]. integrations [Lan13]. Integrator [VBC+12, CEP18, KRK16, PIH11]. integrators

[BCT17, Cap13, KV10b, Miy15, MO14, WYSSW10, YZWR14]. Integro
Integro-Differential

Intel

intense

intense-laser-driven

Interacting

Interaction

interactions

interface

invariant

inversely

inversion

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interest

interesting

interest

intersection

interval

intranuclear

intrinsic

intradiffusion

intrinsic

interatomic


KQYH17, LS14, LS15a, LS15b, Les16, LDF^+ 16, NNWS15, NM14, QM10, SISW10, SS14, SK12, SKK17, Sza13a, VEM12, WG16b, GBSY18, WLZN17. Kinetic-j [GBSY18]. kinetics
[BTC^+ 17, LCC13, NCS17, RDP14, TPC16, ZBMM11]. Kirillov [JWJL12].
Klauder [Kri12]. Klein
[DG10a, DN13, Ela13, KZC^+ 10, LD10a, PTS12, RM10a, SW14c]. KMC
[LS14]. KMCLib [LS14, LS15a]. kmos [HMR14]. Knot [SD10b].
Knudsen [DS13a]. Kohn [SCS12, SCB17b, SPSP18, zYCG^+ 18]. Kondo
Kriging [RPB^+ 15]. Krylov
[HCS10, BB15, BBF^+ 10, BH11, CB15d, LHZ10, STK10, YJK11, vWB10].
Kubo [KCT17]. Kutta
[FG13, KMS14, KAS12, WW10, YZWR14, BM13, CFMR10, DBMR18,
DIP11, DM17, Isd12, KZC^+ 10, MIW^+ 12, MKS10, NS15, WX13].

L [ADH^+ 17, Cip11]. Lab [NSXZ14]. labeling [Kom15a].
laboratory [DMH16]. LabVIEW [CO11, Fer15]. ladder [ABB^+ 16]. laden
[SYD17]. lag [MK10, NS15]. Lagrange [Jiw15b]. Lagrangian
[CGG^+ 14, Eimi16a, FRFH10, GAB^+ 16, KV10b, Lan13, MIW^+ 12, MFH^+ 13,
iNSK^+ 15, Sem16, UNK12]. Lagrangians [Deg15]. Laguerre [GST17, Ter17].
Lambert [Veb12]. laminar [EZL^+ 16]. LAMMPS
[CL13, FMRP16, FPY^+ 17, LK15, MMSF^+ 15, MOD13, NKS15, RU12, Sva12].
Lanczos [AKS17, MGRB11, MC10, RLM13, TVGB15, JK13]. Landau
[Wan10a, BR13, CSBO13, CND11, SW14b, SMJ17, SV13, SA15b, Sin12b,
WZ13, WSTP15, YK10, YL12]. Landau-Transition-Matrix [BR13].
Landweber [KL11]. Lane [CB13b, KMM13, PRDG10]. LANFOS
[AAJA14]. language [SGM18, KST^+ 14b]. LanHEP [Sem16]. Laplacian
[NHS14]. LAPW [FWZ^+ 12]. Large
[BMC^+ 11a, DSW^+ 15a, HKK11, JEF14, JXTS16, PLD^+ 13, SOM^+ 13,
SLZ16, TIMM13, BC10, Bis15, BH11, CB15a, CB17, CB18, Csa12, CF17,
CO11, Deu16, DO14b, DML^+ 16, ECD^+ 10, GS15, GHvDL11, GZL14, GJB12,
GhDF10, GBS^+ 16a, GAO13b, HLS12, HC16, HLW16, JWCW17, JL13,
JK13, LKM^+ 16, LRW^+ 15, LSYZ12, LR13, LR16, LOV10, MBS^+ 10, MAM14,
MR^+ 17, MCNRC16, PB16, Raw15, RLM13, S111, SZC^+ 13, Sha13a, SPSP18,
ST10, THDS16, TIM^+ 16, VBG^+ 10, Var16, WDL11, WLZ17, BSW12].
Large-eddy [TIMM13]. Large-scale [BMC^+ 11a, HKK11, JEF14, PLD^+ 13,
SLZ16, CB15a, CB17, CB18, Deu16, DO14b, DML^+ 16, GS15, GHvDL11,
GhDF10, GBS^+ 16a, GAO13b, HLS12, JOK13, LR13, LR16, MBS^+ 10,
MCNRC16, RLM13, SPSP18, Tau10, THDS16, WDL11, WLZ17]. Laser
[BT17a, EZBA16, FZY17, GC12, GH15, HJL^+ 14, IB11, JTT11, LJSW11,
LHJ$^{+15}$, MiH$^{12}$, MFS$^{+10a}$, ÓN$^{14}$, REtVH$^{12}$, SZM$^{+14}$, SBE$^{+16}$, TC$^{11b}$, TT$^{11}$, ZYZ$^{15}$, ZZ$^{15}$, ZLM$^{12}$]. laser-atom [FZY$^{17}$, TT$^{11}$]. laser-driven [HJL$^{+14}$]. laser-induced [ZLM$^{12}$]. laser-plasma [REtVH$^{12}$]. laterally [EBCBG$^{17}$]. Lattice [BCJ$^{+11}$, CDS$^{+13b}$, CKCS$^{13}$, LS$^{13}$, SCRS$^{17}$, TD$^{17}$, dHGC$^{11}$, vds$^{10}$, AGH$^{+16}$, BBC$^{+11}$, BB$^{+17a}$, BHNS$^{17}$, BB$^{13a}$, BW$^{12a}$, BDP$^{16}$, BO$^{12}$, CB$^{13a}$, CAN$^{11}$, CS$^{16}$, CBB$^{+10}$, CRA$^{10}$, CND$^{11}$, DE$^{13}$, EPS$^{15}$, FD$^{13}$, Fri$^{14a}$, FKH$^{15}$, HLF$^{+17}$, HFOPF$^{15}$, HMR$^{14}$, HCH$^{16}$, HbotRC$^{15}$, IUM$^{13}$, JLA$^{14}$, JK$^{14}$, JEFP$^{14}$, KPS$^{12a}$, KMG$^{+17}$, KK$^{14b}$, KA$^{11}$, KdMvO$^{14}$, LKL$^{11}$, LS$^{14}$, LQZ$^{+13}$, LCL$^{+11}$, MHHL$^{11}$, MDW$^{16}$, MOD$^{13}$, MR$^{14}$, MQZ$^{10}$, Maz$^{13}$, MG$^{13}$, NIK$^{+12a}$, Ots$^{11}$, RV$^{10}$, Sai$^{10}$, STK$^{10}$, SD$^{15}$, Sch$^{14a}$, SV$^{13}$, SLZ$^{16}$, Sin$^{12b}$, SH$^{16}$, TKS$^{10}$, UA$^{17}$, WLG$^{+13}$, Wan$^{16}$, WLU$^{11}$, XLCW$^{14}$, ZKG$^{+18}$, BLPP$^{13}$, BCS$^{10}$, GTSL$^{+13}$, MLW$^{+10}$, SSF$^{+17}$, vds$^{13}$, vdsM$^{16}$]. lattice-Boltzmann [CRA$^{10}$, FKH$^{15}$, MOD$^{13}$, Maz$^{13}$, SSF$^{+17}$]. lattice-Boltzmann/finite [CRA$^{10}$]. lattice-switch [UA$^{17}$]. lattices [BG$^{11}$, CCW$^{10}$, FLP$^{10}$, HML$^{11}$, LCCC$^{11}$, MKV$^{11}$, SÖÖN$^{11}$]. launched [SLQ$^{+13}$]. Laurent [Per$^{14}$]. Lauricella [BK$^{16b}$]. law [JAS$^{17}$, SB$^{11}$, UW$^{12}$, WCT$^{11}$]. laws [AAD$^{14}$, DJ$^{11}$, MWCY$^{14}$, SW$^{12b}$]. Lax [MWCY$^{14}$]. Layer [LV$^{15}$, GGI$^{+13}$, GLW$^{14}$, JHL$^{+15}$, Ras$^{09}$, Ras$^{17}$, WTH$^{15}$]. layered [Bot$^{12}$, CL$^{15b}$, DV$^{11}$, LF$^{12}$, MPSV$^{15}$, PP$^{13}$, VCD$^{16}$]. LayerOptics [VCD$^{16}$]. layers [CBB$^{14}$]. LB3D [SSF$^{+17}$]. LDA [PGD$^{17}$]. LDA-1 [PGD$^{17}$]. LDA-1/2 [PGD$^{17}$]. leading [GLPQ$^{11}$]. least [BSW$^{12}$, KP$^{16}$, YZZ$^{+17}$]. Level [Ki$^{10}$, NHSY$^{15}$, ACD$^{+14b}$, BR$^{14}$, BK$^{15}$, Fen$^{12b}$, FE$^{11}$, FEH$^{11}$, FFA$^{17}$, FN$^{17}$, HEF$^{12}$, KN$^{13}$, LW$^{14a}$, LY$^{16}$, MNPy$^{14}$, OK$^{10}$, SHZ$^{13}$, WL$^{11b}$, XHLM$^{12}$, XLX$^{+15}$, YS$^{17}$, ZHC$^{16}$, vH$^{18}$, IBP$^{+15}$, MFG$^{+13}$]. level-of-detail [OK$^{10}$]. Level-Set [NHSY$^{15}$, FFA$^{17}$]. level/high [MVS$^{15}$]. levels [AKV$^{18}$, GCVA$^{14a}$, Kra$^{11}$, TRM$^{+12}$, ZW$^{15}$]. Lemon [DRUE$^{12}$]. length [SB$^{13}$, UIY$^{11}$]. Lennard [FPY$^{+17}$, MHR$^{+13}$]. Lennard-Jones [FPY$^{+17}$]. Lennard-Jonesium [MHR$^{+13}$]. LEObit [MPS$^{13}$]. LEP [BBH$^{+10}$, BBH$^{+11a}$]. lepton [CGV$^{13}$, Mur$^{14}$]. leptons [KFS$^{+13}$]. less [Ber$^{16a}$, Ber$^{16b}$]. Level [Ki$^{10}$, NHSY$^{15}$, ACD$^{+14b}$, BR$^{14}$, BK$^{15}$, Fen$^{12b}$, FE$^{11}$, FEH$^{11}$, FFA$^{17}$, FN$^{17}$, HEF$^{12}$, KN$^{13}$, LW$^{14a}$, LY$^{16}$, MNPy$^{14}$, OK$^{10}$, SHZ$^{13}$, WL$^{11b}$, XHLM$^{12}$, XLX$^{+15}$, YS$^{17}$, ZHC$^{16}$, vH$^{18}$, IBP$^{+15}$, MFG$^{+13}$]. least-square [DSPJ$^{10}$]. least-squares [AG$^{12a}$, Kra$^{11}$]. left [REBS$^{16}$]. left-right [REBS$^{16}$]. legacy [BCG$^{+15}$]. Legendre [MSR$^{10}$, MS$^{15}$, SS$^{+10}$, SS$^{+18}$, SPS$^{10}$]. Lemon [DRUE$^{12}$]. length [SB$^{13}$, UIY$^{11}$]. Lennard [FPY$^{+17}$, MHR$^{+13}$]. Lennard-Jones [FPY$^{+17}$]. Lennard-Jonesium [MHR$^{+13}$]. LEObit [MPS$^{13}$]. LEP [BBH$^{+10}$, BBH$^{+11a}$]. lepton [CGV$^{13}$, Mur$^{14}$]. leptons [KFS$^{+13}$]. less [Ber$^{16a}$, Ber$^{16b}$]. Level [Ki$^{10}$, NHSY$^{15}$, ACD$^{+14b}$, BR$^{14}$, BK$^{15}$, Fen$^{12b}$, FE$^{11}$, FEH$^{11}$, FFA$^{17}$, FN$^{17}$, HEF$^{12}$, KN$^{13}$, LW$^{14a}$, LY$^{16}$, MNPy$^{14}$, OK$^{10}$, SHZ$^{13}$, WL$^{11b}$, XHLM$^{12}$, XLX$^{+15}$, YS$^{17}$, ZHC$^{16}$, vH$^{18}$, IBP$^{+15}$, MFG$^{+13}$]. level-of-detail [OK$^{10}$]. Level-Set [NHSY$^{15}$, FFA$^{17}$]. level/high [MVS$^{15}$]. levels [AKV$^{18}$, GCVA$^{14a}$, Kra$^{11}$, TRM$^{+12}$, ZW$^{15}$]. LEVIS [PCGM$^{14}$]. Levy [YZZ$^{+17}$]. LHC [CUL$^{+17}$, DD$^{+15}$, KSTR$^{15}$, QGLP$^{13}$]. libCreme [RLL$^{12}$]. LIBERI [TO$^{10b}$]. libraries [BV$^{13}$, GAC$^{+17}$, dALM$^{+12}$]. Library [TO$^{10b}$, Asl$^{14}$, BS$^{11}$, BS$^{13a}$, BS$^{14a}$, BCPS$^{11}$, BCR$^{14}$, BMS$^{+16}$, BFD$^{+11}$, CECGS$^{16}$, ÇÖSÜ$^{11}$, Cri$^{18}$, CGH$^{+11}$, CKJR$^{11}$, DBD$^{+17}$, DDH$^{17}$, DRUE$^{12}$, Ein$^{16b}$, GGI$^{+13}$, GP$^{13}$, GVPJ$^{18}$, Gri$^{11}$, GHvSF$^{14}$, GBS$^{16b}$, HAY$^{+14}$, HM$^{12a}$, HvAS$^{+13}$, ID$^{18}$, JCL$^{10}$, KvdO$^{11}$, KP$^{16}$, LS$^{16}$, MW$^{12}$, MOB$^{12}$, MD$^{11b}$, MCAdF$^{14}$, MV$^{11}$, MG$^{10b}$, Mü$^{11b}$, Mü$^{14b}$, MGR$^{16}$, NGCI$^{+12}$,
PQTGS17, RLL12, Sai13, SWS+12, SPAW17, TM14, ZE11, ZE16. Libxc
[MOB12]. lidar [SSP16]. Lie [FK15, HR11, JC14, Naz12]. LieART [FK15].
life [GMH11]. ligands [PDC14]. Light [SKML11, BF16, CKLM10, EW14b,
EW16, HHT14, KOT12, LN16, TMD11, WL11b, ZSW+17a, Zió14].
light-wave [BF16]. lightest [DML+16]. lights [SJW10]. like
[BPI2, Fri17, HSD17, HH11a, LB11, LB12, MFS10b, NVW+13,
PLCC12, SQA+15, XLL15, ZRS12]. LikeDM [HTY17]. Likelihood
[HTY17]. LIME [DRUE12]. limit
[CM14a, CEF16, DDK+17, HLM17, MMO+17]. Limited
[BR11, CH11b, KdMvO14]. limiter [AAD14, KGG+16]. Limits
[LCRL10, BBB+18]. line [MKMK10, Ruf13, SCM+16, Zlo13]. Linear
[AG12a, BMU11, MW12, OOK+12, YÇÖ15, AS11b, BMC+11a, BMC+11b,
BCT17, CFSDK14, FUSH14, FR15, GBP13, GCHL15, HRC11, HHS+10, Jan10,
JYPA18, JWCW17, Kan14, Kap12a, Kap12b, KBB+17, MJB+10, MBGV15,
PR14, RWKS15, SK12, SLEF17, SS10b, TC11a, VBS+17]. linear-scaling
[FUSH14, KBB+17, RWKS15]. linearization [MBFB13]. Linearized
[KOK17, AM14b, CSPAD10, DKSG16, GBSY18, HI11, KAW+10, ILSZ14,
PBMAD12]. linearly [ASTT16]. lines [AKV18, McM17]. link
[SK10]. linked [LYJY10, TKR13, WG11, MRZ10]. linked-cell [LYJY10].
linked-cluster [TKR13]. LINPRO [MW12]. Liouville
[LV0, MGBR11, TVGB15]. Liouvillean [AAdM12a, ACdM14]. lipid
[FPY+17]. liquid [FBB+14, MSH11, Sin12b, SA14, TW11]. List
[An1o1a, Ano11b, Ano12a, Ano13a, Ano15a, Ano16a, MRZ10, HAN+16,
LYJY10, ZHIG18]. Lists [KKK+17, ABRIS12, WR18]. LiteRed [SS13c].
Liviu [Pat12]. LNL [MRZ10]. load
[BS15b, EZBA16, FRG12, FN17, GMF+17, OCF10, SK13]. load-balanced [EZBA16, OCF10]. load-balancing [BS15b, FN17]. loaded
[Pra11]. Local
[CHDF10, LWZ14, PR12, AMJ18, DG10b, DKG+14, GWL+17, KTB17, KL14,
LY+17, LJWK11, LKT+16, MS14, NSK15, VPP+12, Wit14, YXT+15].
localization-delocalization [HW11]. localized
[BAF18, KAW+10, NGM+10, PVRK+14a, PKK+14b, PMVG16, RCGT16].
locally [CZD15, LLP15, ELL+17a]. location [CS17, PP13]. Loewner
[SW11]. logarithmic [PPY14]. LONE [CB16a]. Long
[DV11, Boe14, BAF18, BENK+17, CHZ18, DS11b, ERPDF15, Fil13, Fil14,
HM17, Sza16, iTI1, WWVB11]. long-range [Boe14, Fil14, HM17, iTI1].
Long-time [DV11, BENK+17, CHZ18]. long-wave [DS11b]. longitudinal
[KB15a, Qia17]. look [JLA+14]. Loop
[ADH+17, DLU18, ABB+16, ABB+14, AM RdA17, Ano10o, BBU11,
BGM+14, BBH+18, BH13, BCH13, BHI+15, CEZ16, CGH+11, DHH17,
DNPS13, Feni1b, FEH11, GLZ17, HEF12, LS17b, MCWJ15, Mey18, Pat15,
Pat17, Per14, Pik18, Sta11, YdDH+12, dDYK+18, vH11]. loop-corrected
[BGM+14]. Loopedia [BBH+18]. Loophole [DMH16]. Loophole-free

HLZ$^{+13}$, JWC$^{+18}$, JWM$^{+18}$, JOK$^{12}$, JDG$^{12}$, KPST$^{15}$, PMMW$^{15}$, ZC$^{12}$. many-core [RJKC$^{16}$]. Many-integrated [RB$^{18}$]. many-particle [FLW$^{17}$, Men$^{11}$, Mü$^{14c}$, PBS$^{+17}$]. manycore [HdM$^{16}$]. map [RMC$^{16}$, SCM$^{+16}$, TRM$^{+12}$]. Maple [AdMD$^{12a}$, AdMD$^{14}$, CDMD$^{14}$, FF$^{11}$, MWCY$^{14}$, SD$^{10a}$, VJC$^{12}$]. Many-integrated [RB$^{18}$]. many-particle [FLW$^{17}$, Men$^{11}$, Mü$^{14c}$, PBS$^{+17}$]. manycore [HdM$^{16}$]. map [RMC$^{16}$, SCM$^{+16}$, TRM$^{+12}$]. Maple [AdMD$^{12a}$, AdMD$^{14}$, CDMD$^{14}$, FF$^{11}$, MWCY$^{14}$, SD$^{10a}$, VJC$^{12}$]. Many-integrated [RB$^{18}$]. many-particle [FLW$^{17}$, Men$^{11}$, Mü$^{14c}$, PBS$^{+17}$]. manycore [HdM$^{16}$]. map [RMC$^{16}$, SCM$^{+16}$, TRM$^{+12}$].

Marangoni [GLW$^{14}$].

Many-core [RJKC$^{16}$]. Many-integrated [RB$^{18}$].

Markovian [CF$^{17}$, JPSS$^{10}$, JMG$^{+17}$, ZF$^{15}$, dSVLP$^{13}$]. marriage [WCT$^{11}$]. Martini [dJBIM$^{16}$].

Marriage [GBK$^{+12}$, ADdM$^{16b}$, BAR$^{12b}$, CDdM$^{14}$].

Marathon [GBK$^{+12}$, TOB$^{+14}$]. maps [AKK$^{+18}$, ES$^{11}$].

Markovian [CF$^{17}$, JPS$^{10}$, JMG$^{+17}$, ZF$^{15}$, dSVLP$^{13}$]. marriage [WCT$^{11}$]. Martini [dJBIM$^{16}$].

Massive [BH$^{13}$, WAHL$^{13}$, ABB$^{+16}$, BGM$^{+14}$, BBC$^{+11}$, CGH$^{+11}$, SS$^{12}$, YdDH$^{+12}$].

Massive [BH$^{13}$, WAHL$^{13}$, ABB$^{+16}$, BGM$^{+14}$, BBC$^{+11}$, CGH$^{+11}$, SS$^{12}$, YdDH$^{+12}$].

Massively [BPB$^{+17}$, BHS$^{18}$, DBDP$^{12}$, DN$^{18}$, GJB$^{11}$, GZWJ$^{18}$, KBB$^{+17}$, Sus$^{17b}$, SMM$^{+17}$, YL$^{12}$, DSS$^{+12}$, KB$^{+17}$, KOG$^{17}$, LS$^{12b}$, NPG$^{11}$, Ngu$^{17}$, ORS$^{+14}$, WSH$^{+12}$, WC$^{15}$]. massively-parallel [NPG$^{11}$]. massless [BBUY$^{13}$, CKCS$^{13}$, BGP$^{+15}$]. MassToMI [Ros$^{16}$]. master [GM$^{17}$, GT$^{+11}$, Mey$^{18}$, Pra$^{17}$]. Matched [LV$^{15}$]. matching [BJ$^{14}$, KV$^{16}$, OK$^{12}$, SGM$^{11a}$, SGM$^{11b}$].

Material [CLH$^{+17}$, ASPDL$^{+16}$, BSWC$^{14}$, FM$^{15}$, JTW$^{+17}$, Pra$^{11}$, San$^{11}$, SNG$^{+11}$, SC$^{16b}$]. Materials [MCY$^{+16}$, APS$^{+16}$, CVK$^{+17}$, CTL$^{15}$, DSS$^{+12}$, ELL$^{+17a}$, GTPWL$^{12}$, JVR$^{12}$, KAR$^{+15}$, LOK$^{+16}$, LSG$^{+12}$, MHV$^{17}$, NVAF$^{018}$, PDL$^{15}$, Ram$^{12}$, Ram$^{14}$, So$^{11}$, TKP$^{12}$, VCD$^{16}$, WWWH$^{14}$, WCL$^{14}$, WGVPL$^{17}$, WZ$^{+18}$, ZLLP$^{17}$, ZZD$^{15}$, ZZ$^{17b}$]. maternal [ZBMM$^{11}$].

MATHEMATICA [BKM$^{14}$, AC$^{13}$, AC$^{15}$, AC$^{18}$, Aza$^{13}$, BK$^{13b}$, BKK$^{13}$, BK$^{15}$, BK$^{16b}$, CGO$^{17}$, CMS$^{17}$, Dep$^{17}$, Eks$^{11}$, FRW$^{17}$, FMRP$^{16}$, FK$^{15}$, Fen$^{12a}$, Fen$^{16}$, GLMG$^{12}$, HHP$^{+14}$, LR$^{18}$, MZ$^{14}$, Mis$^{12}$, Mis$^{13}$, Naz$^{12}$, Nov$^{17}$, Nut$^{14}$, Pat$^{15}$, Pat$^{17}$, Pre$^{18}$, Ros$^{16}$, SBQ$^{14}$, TJD$^{11}$, Tab$^{16}$, TM$^{14}$, Tos$^{10}$, WL$^{11a}$, Wie$^{15}$, XMLC$^{16}$, Zit$^{11}$]. Mathematica-based [BKK$^{13}$, BK$^{15}$, BK$^{16b}$]. Mathematical [TN$^{11}$, CD$^{15}$]. Mathematics [CB$^{18}$, TN$^{11}$]. MathLink [Hah$^{12}$].

Matlab [RC$^{16}$, CR$^{13}$, CZ$^{17}$, Dat$^{13}$, RDP$^{14}$, SZM$^{+14}$, UW$^{12}$, ZSW$^{+17a}$, AD$^{14}$, AD$^{15}$, Asi$^{10}$, Cap$^{13}$, CAT$^{11}$, CF$^{16}$, HT$^{12}$, Hoh$^{14a}$, NSXZ$^{14}$, OAKS$^{11}$, RC$^{13}$, SL$^{17}$, TACA$^{15}$, VPM$^{16}$, VK$^{16}$]. Matlab-based [RC$^{16}$, SZM$^{+14}$, UW$^{12}$, Cap$^{13}$, OAKS$^{11}$, RC$^{13}$]. matrices [BH$^{11}$, CDMCN$^{11}$, GSM$^{17}$, GRBR$^{11}$, GCVA$^{14a}$, Hoh$^{18}$, JK$^{13}$, LW$^{13}$, DPHB$^{17}$, NCHN$^{15}$, NLSJ$^{17}$, PB$^{16}$, TC$^{12}$, dHV$^{12}$].

Matrix [BK$^{11b}$, DBK$^{+14}$, JWC$^{18}$, ZLL$^{18}$, ABB$^{+16}$, ART$^{17}$, APV$^{10}$, AC$^{13}$, Bot$^{12}$, CNMC$^{01a}$, CLJ$^{12}$, CK$^{12}$, DN$^{18}$, Des$^{16}$, GZL$^{14}$, GJ$^{18}$, HCRD$^{14}$, HD$^{17}$, IH$^{11}$, IK$^{16b}$, KH$^{12}$, LJB$^{+16}$, Mi$^{12}$, MK$^{13}$, Mi$^{16}$, MSRL$^{10}$, NBN$^{+14}$, NPM$^{16}$, PO$^{14}$, QJ$^{16}$, Ram$^{12}$, RGH$^{10}$, Sai$^{13}$, Sar$^{17a}$, Sar$^{17b}$, SDS$^{15}$,]
Sha13b, Sha16, SD10a, SAS11, SDL+16, TK14b, USOA13, VvAV+11b, VvAV+11a, WPAV14, WWR+16, BD12, BR13. matrix-element [Sha16].

matrix-exponential [Ram12]. matrix-free [KH12]. matter [BBB+11, BBPS14, BBPS15, BHN+16, CCM12, FTI18, HBL+13, HTY17, Jab11, LRC+10, MKB+11, ONS+15, SBH+14]. maximal [Maz13].


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


mean-field [BG11, DPB16, NPVR14, QJF16, UW12, dB14]. means [ACMM10]. measured [Kon11, Sco13]. measurement [AK13b, BJM15, CDSG11, PR13].

measures [EBDM17, ERPDLS15, FBHB17, RF10, SW12b, WLM14]. measuring [ICPD16]. Mechanical [Voy13, AMM11, AYDY11, DGMZ15, LV13, RC11, SZ15, Sin11, Sin12a].

Mechanics [LSJ13, KV10a, OML11, ORCR17, PGO17, RK11, RU12, STT11, ZF15].


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

Memory [MR14, BKS15, CL15b, DGMZ15, DKG+14, IW15, LP15, LL15, MD11a, NS11b, NFS15, OLG+16, WMRR17]. memory-mapped [LL15]. MEMPISODE [VPP+12, VHP+15].


meshless [DG10b, MM12, QLN14, SW14c, SD10b, XLL15]. meson
Method [CC10b, CC12, EW14b, EEGW12]. Methods [Les16].

Methods [EVB14, EBCBG17, PVK+17, ARAB+17, ACCB13, ABB13, ABCM14, AH13, AdDM15, BCH11, BB15, BH17, Bla15, BBF+10, BB10, CFMR10, CDBM16, CYSL12, CS10, Col14, CHZ18, DIPI1, DN13, DF11a, FLW10, FMW10, FHTO17, FG13, FGR14, Fri14a, GBN17, GSKM14, GSKM15, JLA+14, Jw15b, KFS17, LMRC15, LD10a, LV10, LW17W11, LPL15, LW14b, LG1F18, LY16, LAG+17, LL12, MCP+11, MCG11, MKS10, MM11, DPH17, PMM15, PMM15, RL10, RH12, SZ15, SEPG15, SW12a, SW13b, SC16b, SBH+12, TBZ12, TVT+16, TXZL15, WC10, WXL13, WWC+16, WLH+12, Wn10, W10, WT15, XJS16, XHL12, YZ16, YWYF09, YZZ11, YWX11, YJK11, ZW15, ZTG13, ZTG14].

Methods [WN10].

Möbius [BNO17]. MOC [TGH+16]. modalities [Che11]. MODAR [Car10a, Car10b]. Mode [TZK16, DKT14, Hsu11b, LRK13, SDL+16].

Model [Dan10a, Dan10b, Deg15, KPA13, NHD16, TD11, VKLM11, AMM11, ABdIA15, AMRdIA17, AGVP10, AKK+18, ALC18, AGB+15, BDT15, BHNS17, BT17a, BCP+16, BSC+13, BM16, BPMM14, BVP10, Boe14, BB12, BS12, CCD+16, Cas12, CPECdM18, CLC14, CM15, CL10, CCWL11, CCXC15, CKCS13, CB16b, CL13, CEP18, DCC+10, DS10, DDK+17, DT11b, DT18, DKK+15, EPB+16, ERS10c, ERS10a, ERS10b, FFT+14, FXZ+14, FLPI10, FWDCL2, Fon12, GTSL+13, GZW17, Gri10, GFJ+14, GCHL15, GLW14, GRTZ10, Ham11, HFOFP15, HDM+12, IUM13, JEF14, JTW+17, KYS+17, Ker17, KKP11, KAvdL11, KM17, KV10a, KO13, KS12, LGW13, Leö12, LWL11, LWL12, LFG14, LX14, LBP15, LLX14b, MHHL11, MD11a, MH11, MEG12, MNC15, MSN+11, MFH+13, NCHN15, NFI17, dRL11, dIRAL11, Ots11, Pål12, PBE14, RTÅ15, REBS16].

Model-Driven [Dan10a, Dan10b]. Modeling [CLW11, wH15, TJH17, AD11, BOPL17, Bar11b, BMNS14, CSJ+17, CL11, CFR15, Dan12, EZL+16, EKK14, FZY17, Gai17, GGI+13, HV15, Hak16, HCHW11, IP14, JGC+11, KEH12, KPA13, KM10, KR15, KMJS16, KGBS15, Lan13, LZZL10, LHH+12b, MLS13, MGCT+12, OP12, PB16, PE17, Ram10, Ram12, RAV11, RTA10, SGNL17, SLC11, SN16, SHL+11, Sol11, SCC11, Sva12, TPK12, Uty14, VBMS17, VCD16, WGVPL17, XHLM12, ZE11, ZE16].

Modelling [AGB+15, CC16, Hdm16, IBKK11, Avo10a, DBD+17, HKF+12, MDPTK15, MRO15, MSML10, OB10, ORS+14, Org15, RF15, RLGM+11, TN11, Van15]. Models [Rei11, Rei12, AS11a, AC17, ABC+13, AG12a, AH13, AHSVP15, AC15, AC16, AC18, BW16, BBC+13a, BR13, BK11, CEC16, Che17, DCM+12, DPN13, ELS14, FW11, Fil13, FD13, Fuh15, HLL13, HvWT17, HCH16, HVMR10, HKVR10, ID18, KÖG17, KON14b, KO16, KST+14b, KTA12, LLMW17, MLGVE14, M2T+18, MS15b, NIS14, NAQ16, PS12, QA13b, RK11, RND+17, SLZ16, SH16, SOP12, Sui17b, TSTT13, TVZ+15, WGI2, Wan16, Wei11b, XLX+15, dIRAL11].

Modern [Hdm16, BS14a, CDSG11, Ein16b, HBL+13, RK11]. modes [ALSW14, CSJ17, HSK+12]. modifications [RL10]. Modified [LYL+17, NIK+12a, ZLL18, BKN+17, DFM+15, Duf16, FZY13, GSZ13, Jiw15b, KMS14, MS15, Ras09, Ras17, SMJ17, SBvD13]. Modular [CFW17, Sin11, Sin12a, DLGP10, FWS+17, KP16, KSH14, Krop16, TCK+15, Zag14]. modulated [TTG11]. modulation [Kap16, OCL+13]. module [DF11b, DGST17, GST12, LRK13, SK12]. modules [AAB+10a]. moduli
[Bog16]. **MOLDY** [ADD+11]. Molecular

nanoparticles [CKLM10, HT12, Nov17, SWL+15].
nanoscale [Dan14, Dan16, Dan17, LCH11]. nanoscopic [EVB14]. nanostructured [NPM16]. nanostructures [BMC+11a, BW16, DSS+12, DGMZ15, GTG+11, GAO13b, HHC16, MCP10].
NAPL [PBF+16]. NASAL [CPCdM18]. NASAL-Geom [CPCdM18].
NDL [HAV+14]. NDL-v2.0 [HAV+14]. ndom [SKB10]. ndynamics [ADdM+12b].
near-barrier [DT11b]. near-continuum [TKL+12]. near-field [LPRPR17]. near-rigid [Faw10].
nearby [ABRS12, HAN+16, LYJY10, ZZH18]. Neighbour [MRZ10, WRR18].
Nektar [CMC+15]. neoclassical [BSM13, HSK+12, MS14, SISW10].
Nerst [Fuh15]. Nested [BBV+16, BH11, SEG15]. Network [VKL11, VLM11, HH11b, ORCR17, dSLF13, ZHL11]. networks [BHVM15, CHDF10, CB15c, CmDB11, CF17, HLS12, IBKK11, Kra10, MCNRC16, NMC15, PHA18, QHC+10]. Neumann
[RC16, Jiwi15b, RC13, RTA10, SP16, SN16]. Neural [ORCR17, ZHL11].
Neutral [BRL12, AGB+15, BHI+11a, Lit13, PE15, Tic14].
nutrino-driving [BNAB11]. neutrinos [WW15]. NEutron [Car16, ECH16, KB15b, LS12b, RLS16, SEW12, SEW14, VPM12, ZTG13, ZTG14].
Newtonian [BHS11, RJL16]. Next [AAT+14, AC17, AMRdA17, GLPQ11, PLF+17, DET12]. next-generation [PLF+17]. Next-to-minimal [AAT+14, AC17, AMRdA17, DET12].
next-to-next-leading [GLPQ11]. Nexus [Kro16]. NF [YE14a].
NF-package [YE14a]. NGluon [BBU11]. ngrav [Cro16]. Ni
Ninja [Per14]. NiTi [NSI1b]. nitride [Yan11]. nitrogen
[CHC+11, LJSW11]. Nix [Rom15]. NLO
[BDC+14, BCG+13, BS13b, GHySF14, Pit10]. NLS [LsSZ14]. NLSEmagic [Cap13]. NMSDECAY [DET12]. NMSSM [AM11, BGM+14, SAE+16].
NMSSMCALC [BGM+14]. NNLO [HLM17, BHZ13]. nnlo-Higgs
[CTL15, NZQL14, SC16b]. node-centered [SC16b]. nodes [Sch14b]. noise
[BCS10, BDBV12, CC10a, Er14, HH11b, KS16b, MW12, VSG18]. noises
non-aligned [HWS16]. non-autonomous [Bla15, BCT17]. non-adiabatic [HM17].
non-aligned [HWS16]. non-autonomous [Bla15, BCT17]. non-adiabatic [HM17].
non-axi-symmetric [EW16]. non-bonded [BL14]. non-circular [OILK17].
non-conformal [ZDWM17]. non-crystalline [DBJ11]. non-equidistant [LS15b].
Nonextensive [Fri14a]. nonhydrostatic [BB2]. Nonlinear [Asi10, BAR12b, Cap13, AAD13, ABB13, BSM13, CWS14, CB13b, CZS10, Che17, 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, Pts12, QSC14, RM10a, SW14e, SK14, SB11, SS10b, TD14, TJH17, WP10a, XZ12, YC15, ZAHA10, ZWL17, ZL13, ZW15, ZST11, Zs14, dHV110].
null-space [HLW16]. nullity [YE14a]. number
[ASPW13, BS11, BS13a, BS14a, BCJW13, CBGY17, Dem11, FP14,
GP13, GBS16b, LS15a, LNP+17, Mis13, Sav15, SS13a, Sib17, SCM+18, TC11a].
numbering [BBC+13a]. numbers
[BS13a, BCJW13, Nog17a, Nog17b, O15b, YB13, ZOZ13, ZNT15].
Numeric [GBRB11, KCA+15, LRW+15]. Numerical
[ASEA14, ACCB13, ALSW14, AD11, ACM12, AH13, ADdM+12b, BBUY13,
BCH13, BHJ+15, BMNS14, BS12, BvH15, CMJ+11, DG10b, DR12, FGLB12,
Fis12, Fuk17, GG16, GLX+14, HKSW10, HK12, HML11, HW11, HB13, HL13,
Ixa16, Jl12, JPM12, JK13, JHL+15, KFS17, KM10, Kri12, LMRC15,
LD10b, LS14, ILsZ14, MT13, MWF+13, MC12, MM10, PBT15,
PFB+16, QwWL+15, RC15, RAV11, RJ12, RGKR17, SW12b, VBMS17,
Wie13, XJS16, YXM+13, YdDH+12, ZFH14, ZDWH10, ZW15, dHv12, AS11b,
AB10, AGH+16, ACMM10, ACM11, AAT17, BK16a, BSK+18, BCM+16,
BHJ+18, CL10, CLL16, CvW12a, CvW12b, CFFR15, DCC+10, DCM+12,
Dat13, DS13a, DBD+17, DN13, DM17, Den10, EZL+16, EVB14, FSC13,
Fuh15, GHvdL11, GV15, GA10, GN14, Gr11, GSKM15, GM14, HAV+14].
umerical [HVMR10, HCSW10, Ixa10, JK10, JTN+11, JWL13, Ji12, Ji15a, Ker17,
KZ11, KL17, KAS12, KST+14b, KP14, LV14, LK12, LYX+17, LHH+12a,
MD11a, Mar15, MN16, MA11, ML16, NGCI+12, PAS11, PMMW15,
PQGS17, PO14, Pit10, PE15, PD10, PB16, RM10a, RM10b, RLS16, Sali2,
SKB10, SL17, SW14c, SS11a, SD10b, SS13b, SK14, SST11, Smi14, SAS11,
SCG11, TKR13, T2M17, TFW14, TO10b, VLD+12, WX11, Wu10, W11b,
XL15, YZ16, YYF+09, YXD+15, YXT+15, Zio14, dB14, dDYK+18, vMB14].
umerically [BMBC+17, DGST17]. numerics [TK14a]. NumExp [HL13].
[VBG+10]. nX [BD+11]. NXSG4 [KB15b]. Nyström
[FG13, KMS14, KAS12, WW10, YZWR14]. Nyström-tree [YZWR14].

O [ADH+17, CJH11, LS11, CKFB12, DRUE12, GGI+13]. Oasis [MVS15].
Object [CB15a, CB17, CB6, AS14, BFD+11, CDMCN11, CJ12, CFFR15,
DM12, HHP+16, OKM12, SL16, WP10a, Zag14, CF16, FCC15, MBRV+13].
Objective-oriented [CB15a, CB17, CB18, AS14, BFD+11, CDMCN11,
CFFR15, DM12, OKM12, SL16, WP10a, Zag14]. objective [AZM14].
objects
[AKKK16, CGJ14, GGF+13, GSC+16, JvOK17, KCS+15, OL12, Ser10].
oblique [CÖSÜ11, VDB14]. Obrechkoff [SS13b]. observables
[AM10, AM11, BBPS14, MKV11, M14]. observations [BVC13].
observatory [BPM14]. observed [U11]. obstacle [OK14]. obstacles
[KL11]. obtain [CLB11, EBD17]. obtaining
[LP15, L1u13, MNPY14, MYP+14]. ocean [DBLF16, DBLF16]. OCTBEC
ODEs [KV10a, NO12]. off
[ADH+17, CHC+11, DLU18, EGPS10, ABB+14, AG14, Ano10o, BBU11, Ber16a, Ber16b, BDP16, BDV11, BHJ+15, CZD15, CEZ16, CJIH11, CR12, CvW12a, CvW12b, CFI11, DDI17, Dua10, Fen12b, Fil13, FEH11, HHL12, HEF12, HHC+10, JWC18, KS12, Liu11, Liu13, LKT+16, MCA17, MP11, MEM+11, OAKS11, Pat15, Pat17, Per14, QA13a, RvT16, RvA14, Re12, RCh16, RGKR17, TD14, Ter17, vH11]. one- [TD14]. One-dimensional [CHC+11, AG14, BDP16, CZD15, CR12, CvW12a, CvW12b, Dua10, Fil13, HHC+10, KS12, MEM+11, QA13a, RvT16, Re12, RCh16]. One-Loop [ADH+17, DLU18, ABB+14, Ano10o, BBU11, CEZ16, CGH+11, DDI17, Fen12b, HEF12, HEF12, Pat15, Pat17, Per14, vH11]. one-particle [Liu11, Liu13]. one-shot [HLS12]. one-valence [MCA17]. one-way [OAKS11, Ter17]. OneLooP [vH11]. onetep [BDPM15]. Onia
[Shai13b, Shai16]. online [Mis13, PR14, TdAdSS11]. only [Sta14]. Open
[BCP+16, CDR+15, DBLF16, JWC18, WGG16, AZ7a, AZ7b, AFZ17, AFZ17, CMC+15, CLJ12, CFW17, CCHL11, Dan11, Da13, DBP+18, FLa+16, Faw10, FJK+17, FLW17, HSF+15, HkvH16, HWM+15, Hua17, JNN12, JNN13, JMG+17, KMD17, KPK+17, KSH14, KPOR18, LPC+15, LZ11a, LZ11b, LZ12, LS13, MZE13, MVS16, MGFRG12, NMS14, NGCI+12, ORS+14, PLCC12, Qia16, Qia17, SV14, SC16a, SPAW17, SAHP15, SDL+16, TL17, TACA15, TVT+16, VBG+10, WVF14, WPAV14, WZS+18, XAPK14, ZCG17, ZAG14]. open-shell [Faw10]. Open-source
[BCP+16, CDR+15, DBLF16, AZ7a, AZ7b, AFZ17, AFZ17, CMC+15, CFW17, Dan11, DBP+18, FLa+16, HSF+15, JNN12, KMD17, KPK+17, KSH14, LPC+15, LZ11a, LZ11b, LZ12, MZE13, MGFRG12, NGCI+12, SC16a, SPAW17, SAHP15, TACA15, VBG+10, WPAV14, WZS+18, XAPK14]. OpenACC [HTJ+16, Kom15c]. OpenCL [BLPP13, BHW+15, BBH+15, CP15a, HD11, KM10, MAIVAH14, ON12, RBB15, TKP15]. OpenFOAM
[CL13, DBMR18, LBR+18, LNSD15, MTE17, SSX14, WBS+18, ZCG17]. Opening
[JWC18]. OpenMM [BCFR15]. OPENMP
[OKM12, GSKM17, KU10, LYSS+16, SSB+16, YHL11, YSVM+16, YSMA+17]. OpenMP MPI [LYSS+16, SSB+16]. OpenPhase [TSK+17]. openPSTD [HKVH16]. OpenSMOKE [CFFR15]. opensource [MGR16]. Operating
[SC14]. operational [dHV12]. operations [CB18]. operator
[ABB+16, BK11a, BW12b, BBF+10, FB10, Eks11, GTS14, JHL+15, KAK12, NNWS15, PB16, Ram10, Sch14a, STY15, STY18, ZIT11]. operators
[Br15, LYL+17, SD10a]. Opinion [YH15, CHDF10, IBKK11]. OptaDOS
[MNPY14]. optic [FNPMB10]. Optical
[AWK+16, Ost10, AM14b, APRG11, AKV18, BF16, BD10, BG11, BGL+14, BMG+15, CMI15, CCL15, CS17, CCW10, CSL+13, DSS+12, FE11, GGG16,
HCRD14, HWCH11, HHT14, LCC11, LLMW17, MNPY14, NJJS17, OCL+13, PM14, SSM+17, VEB+18, VCD16, WX11, ZHCR18. **Optics** [Dem13, KAH18, SWS+12]. **Optimal** [FBHB17, CNMC10b, DJ14, FSF11, Hoh14a, MFS+10a, PSBT12, XLL15]. **Optimality** [KL14]. **Optimisation** [HdM16]. **Optimised** [IZRT15, RWKS15, Wei12]. **Optimising** [Rei10]. **Optimization** [BS14b, DF14, DCGG13, FGR14, MCY+16, SG15, ACDs13, AZM14, BS15a, BR11, BPS+16, CMI10b, CLH+17, CJJ+17, DBJ11, FJS+16, DRI+16, GWF+16, GD14, Has11, HWL+17, HJJ+14, HVMR10, HKVR10, JKG+18, KPA13, KKP11, KHKR14, Kra11, KUV15, KL14, LHL16, LCR10, MR14, MBGV15, PCVZ11, QwWL+15, RMS+12, RLL12, SWL+15, SZM+14, SKH+10, TTT16, VvAV+11a, VPP+12, VHP+15, WLZN17, XLCW14, YZZ+17, YLYL17, ZBMM11, ZPvR16, Zlo14, vRWS14, PE17]. **Optimizations** [iSYS12, WRFS15]. **Optimize** [TVZ+15]. **Optimized** [Cha16, CF17, DRR16, HLLH16, LB+16, MAIVA14, Smi16, BD10, CNMC10a, FDWC12, KD17, KAS12, LWC14, LW16, LBP15, SEW12, SEW14, TVT+16]. **Optimizing** [BCG+15, De 11, GBN17, KdMvO14, RKVL14]. **Optimum** [PCVZ11]. **OptQC** [LWC14, LW16]. **OPUCEM** [ÇÖSÜ11]. **ORACLE** [WS11b]. **orbifolder** [NRSVW12]. **orbifolds** [NRSVW12]. **Orbit** [BDBV12, CL14, HSK+12, Nis11, PCGM14, RE12, WX14, WLGY18, MPS13]. **Orbit-based** [BDBV12]. **orbit-following** [HSK+12]. **orbital** [CM15, CXH+15, Cor14, FGR14, HHS+10, KT12, KST14a, KAS12, MSS+16, PS14, QwWL+15, SGW17]. **orbital-free** [CXH+15, HHS+10, KT12, KST14a, MSS+16]. **orbitals** [ERT15, KTB17, KCA+15]. **orbits** [BRB12, BDT15, KRK16]. **orchestration** [CCdC+11]. **order** [AAD13, AAD14, ABdA15, AGH+16, AH13, ADdM12a, ADdM14, ACdD15, ADdM15, BBL+13, BKV16, BK16a, BCT17, BVC13, BIT12, CFMR10, Cap13, CD15, Cha16, CD12, CR12, DBMR18, DJ11, DZ13, DdMN16, FG13, GLPQ11, GGGH14, GJ14, GA10, GPS+13, HZ11, KMS14, KO14a, KBB+17, Koh15, Kol14, LX12, LV15, LWZ14, LST15, LLX16, LIaSZ14, LW14b, MC16, MF17, MD10b, MLK+17, MO14, NS15, NO12, PKT15, PVK+17, PM13, Qia10, RL10, RVW+12, Sch14b, SR12, SSH+13, SS13b, SA15b, SC16b, SB11, Sok13, SS10b, THDS16, TY10, Tia11, VDF15, VEB+18, VV16, WWS10, WDR16, WC13, WP10b, WWR+16, WYSW10, WT15, XJK+12, ZAG14, ZDI5, ZFH14, ZNT15, vH10, DLF16]. **ordering** [ZHSL13]. **Ordinary** [NO12, ADdM12a, ACDdM15, ADdM15, FBHB17, MZE13, RBB15, WT15]. **ordinate** [ELDS14]. **organic** [HGCARM15]. **Organization** [SA15a]. **orientational** [WDR16]. **Oriented** [CF16, FCC15, Asl14, BFD+11, CB15a, CB17, CB18, CDMCN11, CJ12, CFFR15, DM12, HHP+16, KMS+16, OKM12, SL16, WLG+13, WP10a, ZAG14]. **Orthogonal** [Ser17, USOA13]. **orthogonalization** [BC10]. **oscillating** [PAS11, PS14, THD14]. **oscillation** [BFM10, WW15]. **oscillations**
MDW16, MIW+13, MM17, MCA17, MSI+10, MGB18, MGR16, NOR15, NFA+16, NPAG11, Ngu17, NM14, NFS15, OCF10, ORS+14, PDC14, PGO17.

**parallel** [QL10, Qia17, RJLL16, RFSF18, RBB15, SL16, SSF+17, SDS15, Sha13a, SOM+13, SOJ14, Ste17, SMGK14, Str15, SPSP18, Sus17b, SSM+17, TTT16, VKP14, WMK11, WAHL13, WSH+12, WC15, WRVdL15, YHL11, YLQ+17, YL12, YBNY13, Zag14, ZAFAM16, ZSW+17b, ZMJ13].

**parallel-adaptive** [GX15].

**Parallelisation** [MFH+13, Roh16, SCC+12].

**Parallelised** [FKH15].

**parallelism** [BS14a, BKS15, MDGC+12, TGH+16].

**parallelizable** [Smi14].

**Parallelization** [HBE10, MiH12, ASPW13, BW12a, CWY+17, DKG+14, DO14a, GLAC13, JFC12, KEH12, KSY17, LKM+16, LW14a, ML17, OLG+16, PMS+15, RGH10, SCB+17a, THDS16].

**Parallelizeable** [SST11].

**parallelized** [GJB11, HHS+10, OKM12, TKL+12].

**Parallelizing** [TD11].

**Parameter** [Mau16, Ber16a, Ber16b, BHVMH15, BFM10, Che17, GCVA14b, LAS+17, LHL11, MKR+12, MD10b, PM13, PIH11, Yam16].

**parameter-free** [PIH11].

**parameterization** [AANA12, KHKR14].

**parameterized** [KL14].

**parameters** [ÇOSU11, HM12c, KPV16, MDPTTC17, MPS13, OO15b, PG10, RKVL14, SZM+14, WDR16].

**Parametric** [Lin13, WXL13, BCMS10, GCVA14b, Zhe15].

**parametrization** [LTP+17].

**parareal** [SCB+17a].

**paraxial** [PBL+18].

**PAREMD** [MGB18].

**parentage** [Dev12].

**Pariser** [KS12, SS10a].

**parity** [AB10, AKH12, SHZ13].

**parity-dependent** [SHZ13].

**Parker** [DSP15, LKW11].

**PARPLE** [Str15].

**Parr** [KS12, SS10a].

**Parrinello** [VCMS+13].

**Parsek2D** [IBP+15].

**Parsek2D-MLMD** [IBP+15].

**Part** [ALS16, Dan10a, Dan10b].

**partial** [DHJ13, FBHB17, GCVA14b, HK15, Ji15b, JK13, MJB+10, SGDS16].

**partially** [McM17].

**participating** [CAN11].

**PatickLE** [KDP+14, BOPL17, BJM15, BKPT12, CBAM12, CDR+15, DS11a, FHTO17, GLHG12, HPKF15, HZW+16, JBKM15, KS16a, KKK+17, LBM+14, MDPTK15, NHSY15, QL10, VGM+15, AM14a, ASPW13, AGMS15, ABCM14, AGB+15, ABR12, BCH11, BBP+17, BBB+17a, BHSN17, BS15b, BE14, BTL+17, BCDP18, BY17, CATK11, CPW17, CCC14, CC15, CSJ+17, CL11, CSSB15, DCM+12, DET12, DGPW11, DF14, DBP+18, Dev12, DCVB+13, DCGG13, ENEO15, EKO16, EKK14, EW14b, Evs14, FLW17, FN17, GW+16, GKM10, GSMK17, GAHP15, GD14, GH15, HE15, HK15, HKJ+12, HAK+14, HCSW10, JXTS16, KB15a, KK15, KKK+15, KKH+11, KvdO11, KK17, KPPC13, LJE11, Liu11, Liu13, LTP16, MDPTTC17, MKL17, MUK+12, MF17, MST+18, MIH18, Men11, MEM+11, MBGK11, MKG13, MAM14, MTO15, MNC15, Miil14c, NFS15, PR14, PMMF15, PG17, PBS+17].

**particle** [QLN14, RKVL14, RAV11, RH17, RIT10, SSS+11, Sch14a, SS14, SWL+15, Sie16, SN16, SM11, SSP16, SKK17, Sok13, SYE+18, SMCB+15, SMGK14, SBL16, TK14a, Tau10, Tic14, TadS11, UW12, VGS18, VBMP15, VMFS16, WRF15, WZ+11, WXW13, WXW14, WWC+16, WLQ+17, WN10, Wei12, WSH+14, WRR18, XLX13, YZZ+17, YLQ+17, YLKN17, ZSW+17a, ZLFM11, CDBM16, CHZ18, DS14, IBP+15, LKA+16.
Particle-based [HPFK15, WSH+14]. particle-cell [PG17]. particle-continuum [SYE+18]. Particle-field [QL10]. Particle-In-Cell [HZW+16, BOPL17, DS11a, AM14a, BPB+17, CC14, CC15, DBP+18, KKG+15, KHZ+11, LJE11, MKL17, MKU+12, MEM+11, MTO15, QL10, RKL14, SSS+11, SKK17, Sok13, VMFS16, WWC+16, WN10, IBP+15, LKA+16, VLL+17, CDBM16, CHZ18, DS14, PMMF15, SVG10, SBE+16].


peptides [BBV+16]. Percolation [SW11, YHCS11, YH15]. perfect [JWM+18, DMH16]. Perfectly [LV15, SKML11]. perform [PSMS14, PSMS15]. Performance [CMRVVR+14, FBN+13, KKP11, KVW11, LSYZ12, Sha13a, Sin12b, TRM+12, YI11, AL17, Ara14a, Ara14b, BBB+17a, BHNS17, BCH17, BR13, BWPT11, BKPT12, BY13, CDS13a, CL15b, CRA10, EIN16a, GS15, GIa17,
GBK⁺¹², HLZ⁺¹³, JTW⁺¹⁷, JVR₁₂, LSR⁺¹⁷, MMO⁺¹⁷, MVS₁₅, ML₁₆, DPHB₁₇, NMS₁₄, NFS₁₅, PG₀₁⁷, Rap₁₁, RV₁₀, SG₁₈, SHZ₁₃, SSF⁺¹⁴, TGH⁺¹₆, WGVPL₁₇, XLCW₁₄, dJBIM₁₆. perfusion [BBB₁⁷b].

peridynamic [CB₁₅b, HS₁⁴a]. periodic [BRB₁₂, BDT₁⁵, CWY⁺¹⁺, DV₁₁, EBCBG₁⁷, GBP₁₃, HBP₁₄, HBS⁺¹¹, KFS₁₇, KS₁₂, KMJS₁₆, KSY₁₇, LRW⁺¹⁵, LF₁₂, Mi₁₆, PMS⁺¹⁵, Qia₁₇, SS₁₀b, VDB₁⁴, YW₁₇, YLK₁₀]. periodical [KAS₁₂].


Perturbation [BK₁³b, BRH⁺¹⁺, CS₁⁰, GBR⁺¹⁺, KBB⁺¹⁷, KPST₁⁵, LV₁₀, MGRB₁¹, Nis₁¹, SCRS₁⁷, TVGB₁⁵, ZX₁⁰]. perturbations [LMRC₁⁵, Tic₁⁴]. perturbative [WL₁¹b]. perturbed [Bla₁⁵, FMW₁⁰, GN₁⁰, Wu₁⁰, YWYF₀⁹, YZZ₁¹]. petabyte [Ano₁¹o].

Pfaffians [RW₁¹]. PFMCal [BDGM⁺¹⁷]. PGAS [BY₁⁷, TSTT₁³]. Phase [DVB₁¹, JC₁⁶, KV₁⁰b, LLSK₁⁷, Ots₁¹, Raw₁⁵, WJHW₁⁴, XHLΜ₁², YLO₁³, AKR₁⁵, BT₁⁷b, BMW₁⁴, BS₁², CZD₁⁵, CHW⁺¹⁺, CMR₁⁷, Evs₁⁴, FHA₁⁷, FFH₁¹, GTS₁⁴, GW₁⁷, GLW₁⁴, GX₁⁵, Hon₁⁰, Ki₁⁰, KSW₁⁵, KS₁⁵, Liu₁⁵b, MRSD₁⁵, MKS₁⁰, MSHL₁⁵, MSHL₁⁷, NS₁⁵, ÔKC₁¹, PS₁⁴, QDZ⁺¹⁺, Raw₁⁶, SYD₁⁷, Sie₁⁶, SJW₁⁰, TKP₁⁵, VDF₁⁵, Wai₁², YLK₁⁰, ZAFAM₁⁶, ZKG⁺¹⁺, vdSM₁⁶]. Phase-Amplitude [Raw₁⁵, Raw₁⁶].


Phasego [Liu₁⁵a, Liu₁⁵b, LHWL₁⁶]. phases [BSWC₁⁴, PS₁²]. PHAST [Fri₁⁷]. phenomena [KS₁⁵]. phenomenology [ACD⁺¹⁴b, BSW₁², CFS₁³, LCE⁺¹³]. PHI [BFD⁺¹¹, RJKC₁⁶, Lya₁⁵, MSS⁺¹⁴, SBE⁺¹⁶]. phone [Sal₁²]. Phonon [CP₁⁵b, Kon₁¹, Sco₁³, BW₁⁶, CTT₁⁷, CCXC₁⁵, CGRB₁⁴, KAI₁⁷, Liu₁⁵a, NGM⁺¹⁺, PMVG₁⁶, ZZ₁⁷b, ZZ₁⁷b]. phonons [CVΚ⁺¹⁺, LCKM₁⁴, WCL₁⁴].

PhonTS [CP₁⁵b]. photoelastic [Wit₁⁴]. Photoelectron [MB₁⁶]. photolization [Hei₁², HH₁¹a, LH₁¹]. photon [CMJ⁺¹¹, DKT₁⁴, HEPW₁³, SMB⁺¹⁵, Tic₁⁰, VDJ⁺¹⁺, ZLM₁²].

photonic [ALC⁺¹³, KJS₁⁷, LKHP₁⁷, NJS₂⁷, MW₃⁷, NYS₁⁷, PNY⁺¹⁺]. photonic-crystal [HWCH₁¹]. photons [LN₁⁶]. photorefractive [Ziš₁⁴]. PHOTOS [DPW₁⁶]. photovoltaic [CLH⁺¹⁺, RF₁⁵]. Phys [AZI₁⁷a, Ber₁⁶a, ERS₁⁰c, KYNK₁⁵a, LR₁⁶, Nat₁⁰, Ras₁⁷, RC₁⁶, RHHB₁⁵a, SGM₁¹a, Sco₁³, SIMGCP₁⁴, YQM₁⁴, ZTG₁⁴]. Physalis [Sie₁⁶]. physical [AABC⁺¹⁺, Che₁⁷, LCH₁¹, MD₁¹a, MDPTTC₁⁷, RKVL₁⁴, Sit₁⁸, Smi₁⁴, ZF₁⁵]. physicist [Hah₁²]. Physics [AAA⁺¹⁺, Ano₁⁰a, Ano₁¹b, Ano₁²a, Ano₁³a, Ano₁⁵a, Ano₁⁶a, DS₁³c, Ram₁⁰, Wu₁⁰, ADF⁺¹⁺, Ano₁⁰n, AM₁⁰,
polarized [AFIS12]. pole [ASEA14, AMRdA17, PDL+18]. poles [SAS11].
political [Cho11]. pollution [MSML10]. POLYANA [DRR15].
Polycrystalline [KB15b, EBCBG17]. polydisperse [OL12].
polyelectrolyte [HB13]. polygonal [vdS13]. polylogarithms
[BDV11, BD14]. Polymer [DF13, BL14, HCH16, LKL11, MSZW11, MNC15,
SAG13, WSTP15, dHGCIS11]. polymeric [DEW16]. polymers
[AMJ18, BJ11, GJB11, HP11, MJB11, RV10, VB11]. Polynomial
[IUM13, KP12a, CB13b, GDB10, GLX+14, HKZN17, Jal10, sL10, MCL+17, UNK12].
polynomials [ACdM15, GST17, SPS10, WISA11]. polystyrene
[RV11]. polyurethane [KDM17]. pool [BKS15]. Pople
[KS12, SS10a]. population [BWB+17, VPP+12, WRB11, YH15]. population-based
[VPP+12]. populations [FSJ+16, HFOPF15]. Porcelain
[DADS11, OP12]. pore-scale [OP12]. portable
[CDSG11, HTJ+16, SGM18, SS13a, VLL+17, dBCH14]. porting
[HD11]. posed [LLP15]. Positive [Has11, XZF12, SMdONF14]. positron
[GGGH14, Gre18, Kol15]. POSMat [MCY+16]. possible [ASTT16]. post
[MCY+16, AM14b, BBE+10, BNAB11, DBDP12, DR12, FMRP16, FZY13,
FPY+17, GC10, GC13, GC16, GC18, GB11, JH15, LWES18, LRR+17, MC16,
MEG12, MAM14, ORCR17, PBMAD12, PH11, PB16, RS12, RFPM+17,
SGDS16, TM14, Wit14, XNK+16, XD13, XHD15, ZHCR18, ZMPT13,
ZFBR11]. potentials [BL14, BY13, BSOC14, DT18, DHIR14, FCVH17,
GH11, GD14, HLZ+13, KK14b, KHKR14, Ng17, OPO+11, OPDR13,
OPR14, THDS16, TVZ+13, YW17, ZC12]. POTHEA [GCVA14b].
POTLIB2Math [TM14]. Potts [DG16, Boe14, FDCW12, KO13, KO14b,
KO16, MEG12, NCHN15, TD11, XZF12, dSLF13]. Power
[ZLL18, CC10a, CCH+11, EZBA16, SB11, SW12b, UW12, WWC+16, WCT11].
power-law [WCT11]. PPA [OK12]. ppohDEM [NMS14]. practical
[Dan12, EPS15]. Prager [GCH+18]. PRAND [BS14a]. pre [RU13].
pre-determined [RU13]. precipitation [XHLM12]. Precise
[CKCS13, NKS15]. precision
[AG12b, BDT15, CMRVR+14, CMRVR16, CBB+10, CH11b, GFBJ14,
LG13, LM16, MNO011, NO12, RCGT16, SMGK14, TC12].
preconditioned [HKZN17, LHZJ10, SAY+18, TKS10, VBS+17]. predict
[LOV10, Pra11]. Predicting [rJmYT11, WS11b, YS17, ZHZ+16].
prediction [AFZ17, AFZ18, BK13a, DBD+17, FAL+16, Lii14, LZ11a,
LZ11b, LOSZ13, MW14, WLZM12]. predictions
[BBH+11a, DGPW11, KKK+15, Pi10, RH11, SAE+16]. predictor
[PAS11, PS14, SD10b, SA15b, TYN+15]. predictor-corrector
[PAS11, PS14, SD10b, SA15b, TYN+15]. predictors [AdM17]. Preface
preparation [Rut18]. prescription [Deu16]. presence
[B17b, DCC+10, JPK+12, Nis11, RS12, SD14]. Present
[Pat12, GFJ+14, TIMM13]. preservation [MD11a]. preserving [BIT12,
CM14a, CEF16, MF17, Miy15, Sal16, San15, WXL13, WM13, YZ16, NO14.

**PRESHOWER** [HEPW13]. **Pressure**
[HYM11, CHH†11, GAHP15, LHH†12a, MLK†17, NKS15]. **pressure-dependence** [MLK†17]. **Pressure-induced** [HYM11]. **price** [KCL†11]. **price-price** [KCL†11]. **primal** [VvAV†11b], **primal-dual** [VvAV†11b]. **primitive** [Ray10]. **principal** [MLGVE14, WLM14].

**Principals** [NFI17]. **principle** [CS17, Deg15, Evs14, SQL†10]. **principles** [CSL†13, EY11, ELL†17a, FWZ†12, GPS†13, JEC†12, LZL11, LS17a, PBMAD12, SWL11, ZZ17a]. **PRO** [MGL16]. **Probabilistic** [Er14]. **probabilities** [DSHS17, PDC14, WW15]. **Probability** [PM13, SI11, AQJ10, Asc10, CMR17, Ker17, KCL†11]. **probe** [AAJA14, TCK†15, XLX†15]. **probes** [BMG†15, KKS18]. **ProbeZT** [KKS18]. **problem** [BBB17b, BBC†13b, CLH†17, CDMCN11, CD12, Cho11, DPB16, Dua10, EKO16, GLX†14, Ixa10, Jal10, KK16a, KPA13, KL11, LX12, LZP12, LWW10, MW12, MFM15, MK10, MD10b, PS11, RM10b, RC13, RC16, SCS12, WHB16, Wan10b, WP10b]. **problems** [AABC†13, AG12a, BCDP18, CCLL18, CAN11, CCHL11, CS10, Des16, DB13, DS15, FGR14, GHvdL11, GN14, GCHL15, HKSW10, Ixa16, Jan10, JWM†18, JOR†12, KV10a, KBSPI2, KAS12, KL14, LMRC15, LV10, LHJZ10, LWL12, LHC†13, LW14b, LAG†17, LR13, LR16, MCWJ15, ÖY13, PS14, PS11, SKFP16, SS13b, SK14, SMCB†15, SS10b, TFBW14, TACA15, TVT†16, VSO†13, WFV14, ZHSL13, ZWL17, ZX10, ZLL13, ZNT15, vRWS14, vWB10]. **procedure** [AKS15, BW16, BSWC14, CCLL18, KMD12, KM17, KSW12, TIMM13]. **procedures** [Dua10, FG13]. **Procesi** [HDZ14]. **Process** [BKS15, DKT14, LTL†12, LCRL10, dHGCS11]. **processes** [BdVGS11, CPHL14, CF17, CRC†13, CI11, GTPWL12, MKB†11, OK12, RCD†10, Ros15, TC11b]. **Processing** [Dem11, Mau16, MSML10, YL013, BK11a, BHS18, BJCW13, CDS13a, CMSN18, CSSB15, Col14, DBDP12, DS11a, DF13, FSH13, FUSH14, FCVH17, Fil14, Fri14b, FWS†17, FZY13, HAN†16, LAA†10, LAS†17, MED11, MEM†11, NPAG11, PHV†17, PLD†13, RFSF18, SH12b, SSM†17, TD11, Tic10, WDL11, WWFT11, Zlo13]. **processor** [APRG11, NBN†14, Rap11, TB14]. **processor-based** [TB14]. **processors** [LSG†12, RJKC16]. **produced** [AG14]. **Product** [JWC18, DBK†14, Eks11, GDB10, HR11, Tos10]. **production** [BBUY13, BKMP16, BG14b, CWW10, CWW15, Cip13, DDM15, GLPQ11, Gin10, HLM13, KKK†15, Les16, OK12, WW13, YWW13]. **PROFESS** [CXH†15, HHS†10, KST14a]. **profile** [Gio14a, VSG17]. **profiles** [AANA12, MSNI11, Wai12]. **Program** [BS11, BS13a, BB13a, CGV13, DHR14, GBS16b, LSDK14, NS10, VPM16, AC13, AM10, AM11, Arb12, Asi10, AZ17a, AZ17b, AKV18, BGM†14, BF16, BBPS14, BH14b, BF†11, Bog16, CKL10, CDVT10, CH11a, CATK11, CXH†15, Cip11, Cip13, CGGC13, CRNK12, CMI4b, CO11, Dan11, Dat13, DDKM15, Dev12, DKG†14, FMRP16, Fer15, Fis11, FEH11, Fri12, Gao13a, GLS†13, GCVA14a,


[all text]
\[\text{CGRB14, GJLB12, Shi16, ZBMM11, WS11b}.\] \text{rates} \[\text{ADF}^+15, \text{AAT}17, \text{GGGH}14, \text{SAG}13\]. \text{rational} \[\text{ACD}d\text{M}15, \text{ADdM}15, \text{Tia}11, \text{TK}14b\]. \text{Ratip} \[\text{Fri}12\]. \text{Ray} \[\text{MTM}14, \text{OTC}14, \text{BHN}^+16, \text{CCM}12, \text{DA}16, \text{FWS}^+17, \text{GTL}^+17, \text{KMA}^+12, \text{LHC}^+12, \text{LP}15, \text{LL}15, \text{MCC}10, \text{MCA}d\text{F}14, \text{MM}11, \text{Müll}14a, \text{Tic}10, \text{TV}15, \text{TS}10, \text{VDJ}^+11, \text{WG}16a, \text{YvOS}15, \text{Bru}13, \text{CDS}G11, \text{Cip}13, \text{GSB}^+14, \text{LS}12b, \text{MD}11b, \text{PBMAD}12, \text{Tic}10\]. \text{Ray-tracer} \[\text{OTC}14\]. \text{Ray-tracing} \[\text{MTM}14, \text{LHC}^+12\]. \text{Rayleigh} \[\text{WG}12\]. \text{rays} \[\text{LKW}11\]. \text{RBF} \[\text{DM}17\]. \text{RCCPAC} \[\text{MCA}17\]. \text{RCM} \[\text{ZHSL}13\]. \text{RCS} \[\text{MSR}^+17\]. \text{re} \[\text{CLJ}12, \text{TU}14\]. \text{re-formulation} \[\text{CLJ}12\]. \text{Reaching} \[\text{RCGT}16\]. \text{reactant} \[\text{ECSH}16\]. \text{reacting} \[\text{LL}12\]. \text{Reaction} \[\text{GAGW}16, \text{VRV}15, \text{VRV}18, \text{BO}12, \text{DT}11b, \text{JuI}16\]. \text{reaction-diffusion} \[\text{MFM}15, \text{SCM}14\]. \text{reactions} \[\text{GC}13, \text{GBJ}^+12, \text{GBJ}^+13, \text{Pla}16\]. \text{Reactive} \[\text{WFM}14, \text{AV}13, \text{ASEA}14, \text{CFR}15, \text{MLR}10, \text{iNSK}^+15, \text{PNL}13\]. \text{reactor} \[\text{TGH}^+16, \text{ZSW}^+17\]. \text{reader} \[\text{CGO}17\]. \text{Real} \[\text{AAB}^+10b, \text{BD}10, \text{CDL}^+12, \text{LAS}^+17, \text{M}SH11, \text{SP}16, \text{SBH}^+12, \text{AAA}^+16, \text{BW}12b, \text{BR}14, \text{BG}11, \text{CD}MCN11, \text{EC}D^+10, \text{FZ}16, \text{KK}16b, \text{KS}16b, \text{MC}16, \text{MBF}^+10, \text{MSS}^+16, \text{OOK}^+12, \text{dIR}JL14, \text{SCR}17, \text{TL}17\]. \text{Real-space} \[\text{M}SH11, \text{SP}16, \text{SBH}^+12, \text{BG}11, \text{FZ}16, \text{MBF}^+10, \text{MSS}^+16, \text{OOK}^+12, \text{dIR}JL14\]. \text{Real-time} \[\text{BD}10, \text{CDL}^+12, \text{LAS}^+17, \text{AAA}^+16, \text{BR}14, \text{TL}17\]. \text{Realistic} \[\text{SO}11\]. \text{realization} \[\text{BS}11, \text{GBS}16b\]. \text{realizations} \[\text{´ASTT}16\]. \text{realized} \[\text{NPAG}11, \text{RH}11\]. \text{rearrangement} \[\text{Bin}13\]. \text{Receiving} \[\text{RC}14\]. \text{reciprocity} \[\text{DG}10a\]. \text{recognition} \[\text{UIY}11\]. \text{RECOLA}2 \[\text{DL}U18\]. \text{recombination} \[\text{Fri}12, \text{SV}10\]. \text{recommendation} \[\text{QHZ}^+14\]. \text{reconfigurable} \[\text{RD}N^+17\]. \text{reconfiguration} \[\text{KC}14\]. \text{reconnection} \[\text{PBE}14, \text{YJK}11\]. \text{connections} \[\text{CZ}17\]. \text{reconstructing} \[\text{PR}10\]. \text{Reconstruction} \[\text{MD}11b, \text{ALC}18, \text{CP}CDd\text{M}18, \text{FB}17, \text{GMH}11, \text{LSK}^+13, \text{LAS}^+17, \text{SAS}11, \text{WFV}14, \text{YvOS}15\]. \text{record} \[\text{BS}14b\]. \text{recording} \[\text{MP}11\]. \text{recoupling} \[\text{Wei}99\]. \text{rectangular} \[\text{JYPA}18, \text{Qia}16, \text{SK}15\]. \text{recurrence} \[\text{BB}14, \text{TO}10a, \text{WSO}^+12\]. \text{Recursive} \[\text{PO}14, \text{Fen}12b, \text{KvO}11, \text{ADH}^+17, \text{DLU}18\]. \text{recycling} \[\text{CM}18, \text{VVR}16, \text{YRR}13\]. \text{Red} \[\text{BGL}^+14, \text{BTL}^+17\]. \text{reduced} \[\text{Kom}15b\]. \text{Reducing} \[\text{BH}17, \text{BHVM}15, \text{CMS}18, \text{GM}17\]. \text{Reduction} \[\text{BK}14, \text{ASGL}K10, \text{BCS}10, \text{BKK}13, \text{BK}15, \text{BK}16b, \text{Che}17, \text{EPS}15, \text{GSB}^+14, \text{MZE}13, \text{MNC}15, \text{Per}14, \text{Stu}10, \text{BKK}13, \text{BK}15, \text{BK}16b, \text{Smi}15\]. \text{Redundant} \[\text{QHZ}^+14\]. \text{Reduze} \[\text{Stu}10\]. \text{reference} \[\text{DKG}14, \text{DF}15, \text{Duf}16, \text{JP}10, \text{SS}11b\]. \text{reference-free} \[\text{DFM}^+15, \text{Duf}16\]. \text{refined} \[\text{EZL}^+16\]. \text{refinement} \[\text{AKW}^+16, \text{FX}^+14, \text{GX}15, \text{JFC}12, \text{LWR}16, \text{MHV}17, \text{UB}RT10, \text{YRR}13, \text{ZD}15\]. \text{reflection} \[\text{GC}14a, \text{Ram}10, \text{WS}11a, \text{Yan}09\]. \text{reflections} \[\text{NLS}17\]. \text{Reformulation} \[\text{LZP}12\]. \text{refractory} \[\text{SCN}18\]. \text{regarding} \[\text{MS}15\]. \text{Regge} \[\text{ASE}14\]. \text{region} \[\text{RE}t\text{V}12, \text{TKL}^+12, \text{dSF}d\text{FF}13, \text{vMB}14\]. \text{Region} \[\text{OK}10, \text{SZM}^+14\]. \text{Region-of-interest} \[\text{OK}10\]. \text{regional} \[\text{BB}12\]. \text{regions} \[\text{Smi}14\]. \text{regression}

relations [SS13c]. relative [Bar11b, BSWC14, FS17]. Relativistic [GLB13, Hsu11b, M¨ul14a, Aza13, Bab14, BHS18, CGM17, GM11, GTS14, GBJ+10, GBJ+12, GBJ+13, GFJ+14, GBJ+15, GW+10, HH11a, JGB+13, KHB14, KKG+15, KNS+17, KPST15, KMA+12, LWES18, MDHD18, MCA17, MF17, NPG+13, NLVR14, QYM11, QA13a, SZY+12, Sar17a, SQS+16, SS1a, SLEF17, XYM+13, ZD15, dRM18]. relativity [MG10a, M¨ul11a, Bre10, GLLMG12].

[DFM+15, Duf16]. **RGEs** [LS17b]. **RGIsearch** [Ver16]. **RHEED**
[Dan10a, Dan10b, Dan11, Dan14, Dan16, Dan17]. **rhoCentralRfFoam**
[MTE17]. **rhombohedral** [WVL11]. **ribbed** [JU17]. **ribosome** [MTS11].
**Riccati** [IH11, LD10b]. **Richards** [BALV16, ORS+14]. **RichardsFoam**
[Org15]. **RichardsFoam2** [Org15]. **Riemann** [FJK+17]. **Riesz** [MDHD18].
**right** [REBS16, STK10, TKS10]. **right-hand** [STK10, TKS10]. **Rigid**
[NPAG11, Faw10, MNV13, SA14, Van15]. **rigid-molecular** [SA14].
**Rigorous** [FNPMB10, BDT15, CZL+11, NM14]. **ring** [SAG13, WJHW14].
**Riccati** [IH11, LD10b]. **Richards** [BALV16, ORS+14]. **RichardsFoam**
[Org15]. **RichardsFoam2** [Org15]. **Riemann** [FJK+17]. **Riesz** [MDHD18].
**right** [REBS16, STK10, TKS10]. **right-hand** [STK10, TKS10]. **Rigid**
[NPAG11, Faw10, MNV13, SA14, Van15]. **rigid-molecular** [SA14].
**Rigorous** [FNPMB10, BDT15, CZL+11, NM14]. **ring** [SAG13, WJHW14].
ris [NGG+13]. **Rivet** [BBG+13]. **RKN**
[Wu10, Bla15, FLW10, FMW10, LWYW11, YWYF09]. **RKN-type**
[Wu10, FMW10, YWYF09]. **RLW** [MC12]. **RMHD** [Mar15].
**RNGAVXLIB** [GBS16b]. **RNGSSELIB** [BS11, BS13a]. **Robin**
[RTA10, SN16]. **Robust**
[CS17, GN14, AcdS13, CPV13, Den10, TzLM17, dRL11]. **Roe** [TCP13]. **role**
[BNAB11, GAHP15, Has11, HHL11b, PDJ10]. rolled-up [NJS17]. **rotational**
[Has11, HHL11b, PDJ10]. **rotationally** [BSM13, VDAH16].
**Rotational** [AS11a, KSW12, CATK11]. **rotations** [OML11, PUO14]. Rough
**round-off** [JCL10]. roundabout [wH15]. route [CMR17, SDL+16, mZXL15].
routine [RM10b, WPd+15]. rovibrational [CNMC10a, CNMC10b]. **RPA**
[CGGC13, DSW+15a]. **RPIM** [DG10b]. **RPMDrate** [SAG13]. **RPYFMM**
**RunDec** [HS18]. rung [DSW+15a]. Runge
[BM13, CFMR10, DBMR18, DIP11, DM17, FG13, Ixu12, KMS14, KZC+10, KAS12, MIW+12, Mks10, NS15, Wxl13, WW10, YZWR14]. running
[CDS13a, KPV16, SS12]. **RWG** [ZDWY10]. **Rydberg** [SPA17]. **Rys**
[AG12b, Sch14b].

**SAFT** [ESM17]. **SAFT-** [ESM17]. Sailfish [JK14]. Salpeter
[GGG16, GVS+15]. sample [MP11]. samples [MPV15]. Sampling
[BBV+16, Hal17, KBT+14, RP+15, BMF10, CND11, GM14, IIO16, KCN18, KD17, KL11, KS16b, KSW15, KS15, LWL12, PPS10, RLBC+14, SBS15, TBZ12, WLY+12, Will15, XLL15, YK10, YL12, ZF15]. SANC [AAB+10a].
sandpile [AS11a]. Sar [TU14]. **SARAH** [DNPS13, Sta13, Sta14]. Sassena
[LS12b]. **SASSIE** [CRNK12]. satisfactory [DGST17]. **SATLAS**
[GdGB+18]. saturated [JHJG14]. saw [BBC+13a]. **SAWdoubler** [BBB13].
Saxon [DT18, MAM14]. Sb [AM14b]. **SbNCa** [BKA+14]. **Scalability**
[ZZG+16, APC+14, SCM13]. **Scalable**
[ASA18, AIG16, BVC13, BY17, BHND16, BENK+17, DHJ13, DG10c, FWS+17, GGI+13, GP13, JPH+14, MTM13, VBG+10]. scalar
[AHK+12, BMS+16, CEZ16, LZZL10, PQTGS17, SAHP15, vH11]. scale
[BMC+11a, BC10, Bis15, BJH+15, BJJ+18, BAF18, BY17, CB15a, CB17, CB18, DSW+15a, Deu16, DADS11, DO14b, DML+16, GS15, GHvdL11, GZL14, GHF10, GBS+16a, GAO13b, HLS12, HLS+17, HKK11, JEPF14, JXTS16, JWCM17, JOK13, LR13, LR16, MBS+10, MCNRC16, ORS+14, OP12, PLD+13, RLMI13, Sch14a, Shai3a, SLZ16, SPSP18, Tau10, THDS16, TIMM13, TIM+16, UBR10, VBG+10, WSI13, WSH+12, WLZN17, YFAT17].

Scaling [ZMJ13, AS11a, BH14b, BH16, CCWL11, FUSH14, GNA+15, GYW10, HHS10, JWCW17, KBB17, LD10b, MMO17, OOK12, RWKS15, dSVLP13, vMB14]. scanning [Fer15, PSMS14, PSMS15, TCK15, MAC12]. Scans [Mau16].

scatter-gather [MTO15]. scattered [End11]. Scattering [BD12, AV13, AKR15, AFIS12, Bab14, BH16, BH17, CKLM10, CAN11, CGBR14, CRNK12, EW14b, EW16, GLAC13, HC16, HHT14, IB11, Jab17, KC14, KB15b, KL11, KvdO11, LHHZ10, LN16, LS12b, LWES18, LAG+17, MLR10, OK14, PNL13, PR10, PKRS16, SNG+11, Ser10, SKML11, SAS11, SDL+16, TACA15, TVGB15, ZHSL13, ELL+17a, XNK+16].

SCBiCG [GCHL15]. scene [CFCB12]. scene-dependent [CFCB12]. SCF [WPD+15].

Scheduler [ALS16]. Scheifele [YZZ11]. scheme [AAD13, AAD14, ACM11, ACTP15, BM13, BBC+13a, BE14, BMBC+17, BB12, CWS14, CZD15, CWF+17, CEF16, DJ11, DM17, DOP17, DML+16, EW14a, EW14b, EE16, FOB+15, GN14, HP14, HZ11, Ji15a, JSLM16, JP10, KC14, KHK+11, KZC+10, KP14, LJE11, Les16, LS12a, LLXK16, LWES18, LB10b, MKU+12, MS14, MF17, McM17, MMA15, MS15, MD10b, ICD13, NO14, NAO16, NIS+15, OKM12, PA13, QSC14, RH+12, RH11, SP16, SR12, SK15, SSH+13, SCL16, SD10b, SA15b, SC15, SB11, Sok13, SW12b, SCM14, TD17, TYH+15, TCP13, UN12, WZS+11, WG16b, ZNT15].

scheme-independent [Les16]. schemes [ACMM10, ACM12, BK16a, Cap13, CBAM12, CM14a, DBMR18, DJ14, FDZ17, GA10, GLW14, HWS16, HJ14, JK16, KPvdH13, LLSZ14, LLY+17, MIW+12, PTMDPK14, QA+13b, SYE+18, XLY12, YZ16, dIR18, vdS10].


Schwinger [CKCS13, HB12, HM12b]. Science [LSJ13, SNG+11, TN11, CKhN11]. sciences [GMH11]. Scientific [CCdC+11, Che11, CSR13, Dan10a, Dan10b, Dan11, Dan12, JVR12, OTC14, RSSH+10].
sensitivity
[CSC11, HS14a, KTA12, PPS10, SAA10, SK10, TBZ12, WLH12, WLS13].
separation [MSRL10, SJW10]. sequence [GCF17, HLD13, ÖY13].
SequenceL [BBB17a]. sequences [DBB12, DB13]. sequential
[AL17, NM14]. serial [CUL17]. series [ADdM16a, ADdM17, CZ17, CC10a, CO11, GMPFC+14, HvWT17, LLHC11, NO12, YZCS18]. SERS [CLY11].
[NHSY15, FM12, FHA17, Ki10, KN13, MBFB13, Pit12, RCGT16, XHLM12, XLX+15, YS17, MFG+13]. sets
[Cor14, FBG10, GJLB12, JH15, SZC+13, VdLF14]. setting [CNS+14]. several
[GCHL15]. sfermion [HEF12]. SFOLD [HEF12]. SGO [CJJ+17].
SGS [ZSW+17b]. Shafranov [HS14b]. shaking [RHHF12]. shallow [QM10].
Sham [SCS12, SCB17b, SPS18, zYCG+18]. Shape
[DGMZ15, NS11b, OK14]. shaped [HSD17, MSR+17, Nov17]. shapes
[AIG16, GTPWL12, GGH14, XLX+15, YLYL17]. Shardlow [LBM+14].
Shardlow-like [LBM+14]. SHARE [PLRT14]. 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]. sheath
[KMD12, KM17, KSY17]. sheath-plasma [KMD12, KM17]. shedding
[TKL+12]. shell [ACTP15, BM16, Cip11, DT18, Faw10, MCA17, Tr611].
shell-model [BM16]. ShengBTE [LCKM14]. Shepard [FZY13]. shields
[OVSI15]. shift [Ber14, FZ16, NGG+13, Ram10, RLM13, STY15, STY18].
shift-invert [RLM13]. shift-operator [Ram10]. shift-without-invert
[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 [dJBIM16]. shot [HLS12]. showers
[BG14b, GRZ10, TS10, War16]. shuffled [AZM14]. Si
[CHW+15, Dan16, MTS+16]. SiC [Dan17]. sides [STK10, TKS10]. sign
[BH11, Kap16]. signal [JHJG14, LCRL10]. signals
[CCM12, CWY+17, PMS+15, SSP16]. signatures [RMC16]. significance
[SC14]. silane [SVG10]. silicene [ZRS12]. silicene-like [ZRS12]. silico
[HG13]. silicon
[GWL+17, LOK+16, OPO+11, OPSR13, OPR14, PVH+17, Wit14]. SIMD
[PH13, VLL+17]. Simflowny [AABC+13]. similar [FS17]. SIMLA [GH15].
Simple [DSW15b, NOR15, PM16, AL17, AKV18, CCL15, DZ15, GAHP15, KKG+15, KOK17, RU13, SGH11a, SGH11b, WWC+16, WCT11, XH13, XW15, YZY10, YB13, dSVLP13]. simplex [Kap12b]. simplification
[SBQ14]. simplifications [BD12]. Simplified
[vMB14, AKK+18, SA14, TVZ+15, YZWR14]. simulate [AMM11, CUL+17, JWC18, MPM14, SQA+15, TXZL15, TS10, WGG16, ZBG+16]. Simulated
[BL14, BSM13, BKD10, CM10a, CD12, HG13, IZT15, LM12, VdLF14.
VDF15, Yam16]. **Simulating**

[GH15, Gre18, Hoh14b, RFSF18, Wan16, Wei11b, BHNS17, BENK+17, CJ12, DMC10, HGCARM15, JPK+12, KPOR18, LHH+12a, LL15, LL12, SV14, WX11, XAPK14, XD16, YWW13, ZKG+18]. **Simulation**

[AZS+11, AKR15, Bar12a, BdVGS11, Beu11, CM15, CAGL13, EFG+10, FBP+14, HEPW13, Hon10, JP11, KKS18, MTE17, PPV+11, PC11, RF10, RSBB14, SOON11, SKH+10, UX11, XAPK14, XN15, YWW13, ZKG+18]. **Simulation**

[APRG11, Bab14, LDW13, TKL+12, AM14a, ASGLK10, AK15, AD15, AGB+15, AMJ18, ABR12, BBBC+14, BBB+17a, BT17a, BB13a, BHS18, BS15b, BSC+13, BFP12, BBF+13, BSL16, BLO17, BCDI12, BB13b, BY17, BBV+16, CDS13a, CB16, CB17, CMM14, CH11b, CH11b, CT17t, DZ15, DSHS17, De 11, DS13a, DPK+15, DF13, Dem11, DF14, EBCB+14, EVB14, EBCB17, ESM17, EV14, FCVH17, FW11, FRFH10, FK15, FPY+17, FHP13, Gh1dF10, GLO14a, GLR17, GNA+15, GAB+16, GSKM14, GSKM15, GM14, GJH18, GB11, GJH17, HO13, HS14a, HH18, HY11, HLZ+13, HM17, HPM+15, HKK11, HRT1+16, JPKM15, JBG+16, JBG+17, JPH+14, JvOK17, JY15, JHL+15, JVR12, JKIS16]. **Simulations**

[KOG17, KK16b, KC14, KP16, KS16b, KHK+11, Kon11, KKG+16, KR15, LYP14, LPC+15, LGW13, LL15, LS14, LS15a, LS15b, LES16, LW11, LXY+17, LHZ11, LYL+17, LKW11, LSK+14, LBP15, MMSF+15, MDW16, MW+12, MW+13, MAC12, MOMO+17, MKL17, MM17, MP11, OR15a, MS14, MRZ10, Maz13, MNV13, MVI+16, MHR+13, MMA15, MNPF17, MTO15, MKB+11, ML16, MSM+11, NBM+15, NW15, NFA+16, NGU17,
iNSK, NVW, ÖKC, ORI, Oti, PCGM, PG, PLD, PE, PLCC, PDJ, Qia, RKVL, RV, RHHF, RJKC, SH, SFB, SISW, SCO, SOM, SLZ, SKK, SJ, SS, Sok, SYE, SCM, SCM, Sus, TK, TSK, THDS, THDH, Trö, TYH, UBRT, UO, UO, VBG, VK, VMS, WFM, WW, WWHW, WWC, WNYP, simulations [WTH, WDL, WSH, WWVB, WWFT, WAW, WWM, XYM, YW, ZMvE, dHGCS].

Simulator [CP, IW, MBRV, PR, ZAFAM, KDP].

Simultaneous [SGDS].

Sinc [MM].

Sine [SW, AH, DG, JPM, MD, Pál, PTS, dlHV].

Sine-Gordon [SW, AH].

Single [FHA, GM, MAM, Aza, CATK, CSL, DKT, EY, LHSL, LBP, RV, SD, UW, WG, WBY, YZY, ZLFM].

Single-step [FHA, GM].

Single-tag [DKT].

Single-walled [CSL, LHSL].

Singular [CZ, GWF, HKSW, MC, NO, SK, ZX].

Singularities [BAK, BAK, BAK].

Singularity [PPY].

Singularly [GN].

Sinusoidal [RHHF].

SIP [FXZ].

SISCone [Wei].

Situ [KY, MMC].

Sixth [LST, NS].

Sixth-order [LST].

Size [GWL, VKL, AS, BM, BHNS, Evis, MDPTK, MST, OBH, SSP, ZHCR].

Size-dependent [ZHC].

Sizes [Cas].

Skeletons [BRB].

Skew [GBRB].

Skew-symmetric [GBRB].

Skin [ZZHG].

Sky3D [ASA, MRSU].

Skyrme [RHBH, CCGC, SDM, SSK, SSK].

Skyrme-HF [RHBH, RHBH].

Skyrme-type [CCGC].

Skyrmion [BUJ].

SLAM [MZ].

Slater [USOA].

Slave [Qw, Qw].

Slave-boson [Qw].

SLDMOL [CZN].

Sleep [SLC].

SLHA [Mur].

SLHAplus [BCPS].

Slicing [SCS].

Slightly [BAF].

SLIMP [Z].

Slow [SJ, WL].

Slow-to-start [SD].

Small [Ber, BBV, FL, JLW, PP, QHC, TIM, dSLF].

Small-world [FLP, QHC, dSLF].

Smallest [DS].

Smilei [DBP].

SMM [YK].

SMODEL [AKK].

Smooth [CCLL, Con, Con, Qia, WG, WvS].

Smoothed [FHT, KS, PE, DCBV, DCG, EKK, JXTS, KPPC, NFS, RH, RTA, SN, WRR, CDR].

Smoothing [HHC].

SNEG [Zit].

Snowdrift [QHC].

SoAx [HL].

Soccer [dSVLP].

Social [CHDF, IBK].

Socket [TR].

Soft [GSC, HBL, KL, WS].

SOFTSUSY [AAT].

SOFTSUSY3.0 [AB].

SOFTSUSY3.2 [AKH].

SOFTSUSY3.5
[ABdA15]. **SOFTSUSY3.7** [AMRdA17]. **SOFTSUSY4.0** [AC17].

**Software** [Jav17, MCY +16, SSP16, AKZ +13, BCG +15, BRH +16, CPCdM18, Dan12, FBC +12, GXF +15, GJA +16, HBH +17, HM10, HM17, KST +14b, LPC +15, LHF18, LSK +14, NBW16, ORI +10, Ost10, PVH +17, PMS +15, RDP14, SD15, SCC +12, Sin11, Sin12a, SLR16, Sou14, TL17, VPP +12, WGG16, WZS +18, zYCG +18, ZMvE +13]. **soil** [OML11, PBF +16].

**soils** [GTSL +13]. **SOL** [FLSZ13]. **SOL-core** [FLSZ13]. **solar** [DJ12, FXZ +14, GSKM15, HGCARM15, Kap16]. **SOLARPROP** [Kap16]. **solid** [BCP +16, Bot13, CDD +16, HXW +13, JPCG15, KS16a, Miu11, NGCI +12, dRPL11, PLD15, QDZ +13, UA17]. **solid-fluid** [CCD +16]. **solid-solid** [QDZ +13, UA17]. **solid-state** [dlRAPL11]. **solidification** [YK18]. **solids** [AKZ +13, Hin11, MSHLS15, MSHL17, dRJL14]. **solitary** [AS11b, DS11b, DN13]. **soliton** [DT11a, P`al12, TD14, XLL15]. **soliton-like** [XLL15]. **solitons** [DG10b, HWCH11, JPM12]. **SOLPS** [SCB +17a]. **soluble** [vdSM16].

**solve** [DMC +15, JJ15, XHLM12]. **Solutions** [APV10, CDTV10, DS10, LHC +13, PH11, RHHB15a, RHHB15b, SDM +12, SDS +17, AGH +16, AH13, BSM13, BH16, BKS15, Bis15, CDMCN11, CSJ +17, DT11a, DS11b, DN13, DSW +15a, FGLB12, FFH11, FM15, HSKW10, HK12, JK10, JL10, Jiw15a, KAS12, LD10a, LD10b, LV14, LZW12, LLP15, Lin13, LWW10, LZ12, MJB +10, Moh14, MA11, MM10, MNC15, NF17, ÖN12, OK14, PSBT12, P914, PDRG10, PR13, PST12, PS14, PSL +17, RDP14, RVA14, RM10a, RM10b, RL13, RGK17, SW14c, SD10b, SS13b, SH16, SK14, SSK +13, VBG +10, YZ16, ZDWM17]. **solvers** [AL17, BSK +18, BB13b, CB18, CGM17, CBB +10, DBMR18, DZ13, FR15, GFW +11, HC17, Hoh18, LV15, Qia16, VLPPM14, zYCG +18]. **Solving** [BAK +15, BAK +16, BAK +17, CD12, CBB +10, Dem13, DPB16, DSP15, ENE015, Fil13, FGG11, HAK +14, HAH13, HS14b, IH11, JC16, Jan10, LV10, RHH12, SmdONF14, VSO +13, BK11b, BMBC +17, CS10, CKK +13, CT10, DM17, FGR14, GBSY18, GX15, HLLH16, HM12b, JPSS10, Jal10, Jiw15b,
Spectrum [FCC15, Ruf13, AB10, AbPSV15, Bru13, CC10a, GWF+16, GCF+17, JK13, KZ11, MZ14, OCL+13, Rom15, SCS12, SAE+16, ZUT13].

Speed [LGW13, MSR+17, CNS+18, JTP15, MTE17, WLM14, YvOSM15].

Speed-up [MSR+17]. Speeding [LGW13, MSR+17, CNS+18, JTP15, MTE17, WLM14, YvOSM15].

Speed-up [MSR+17]. Speeding [MED11, KC14].

Spheno [DNPS13, PS12]. sphere [LPRPR17]. spheres [AYDY11, CKLM10, LDW13]. Spherical [ASS13, BMG+15, Cai11, CDTV10, Den10, DT18, GDB10, GC10, GC16, GC18, KT10, sLqSqL+13, NKS15, PM16, RV11, SR12, Ser17, TO10a, YÇO+15].


starting [RLS16]. State
[RSBB14, ASA14, BP12, BK15, Bis15, BK11b, BTC17, CR13, DBK14, Eba13, ELL17a, FTA18, Faw10, FDWC12, GM14, HM12a, JPCG15, JWL13, JTT11, JMG17, KO13, KSY17, MST18, MEG12, OK12, OML11, dIRA11, Pat12, RLS16, TPC16, WX14, XZF12]. state-of-the-art [Pat12].

state-to-state [ASEA14, BTC17, TPC16]. States [JWC18, ABDR17, ACTP15, AM17, BR13, BVC13, CWW15, Du12, GH11, JDG12, KH11, LKM16, LV13, Liu15a, LB10a, LB11, LB12, LB13, MH11, Mis12, Mis13, MNPY14, NJS17, RV10, TTS11, XJS16, ZAHA10, dSLF13, vH18].

state-of-the-art [Pat12].

static [Fuk17, GB17, dRL11].

stationary [AD14, ABDR17, Fis12, GG16, MGL16, VDAH16, ZAHA10].

Statistical [Bin13, SLC11, SM11, Ano11o, CSRV13, ELL17a, Fri17, KD16, LLHC11, MW12, PMMF15, Sin11, Sin12a, VLM11, ZF15].

statistics [Zlo14, dSVLP13].

steady [Bis15, JMG17, MST18, SK15, YTYA17, ZNT15].

steady-state [JMG17, MST18]. steam [CLW11].

steered [ZF15].

steering [MMC10].

stellarator [HSD17].

stellarator-like [HSD17].

stencil [VV16].

stencils [DSPJ10].

step [BM13, BIT12, DT10, FGR14, FHA17, GM16, LS15b, LWYW11, MAC12, MC10, NS15, OAKS11, PAS11, PS14, Ram14, SB11, SS10b, WZ13, YZZ11].

step-size [BM13].

stepping [AH13, DJ14, IBP15, SHT18].

Stern [CBB14].

Stewartson [GML15].

Stieltjes [GLX14].

stiff [LL12].

stiffness [BW11].

STM [MAC12].

Stochastic [EPB16, JP11, LL12, OKC11, PLCC12, STT11, SMJ17, WSTP15, ZE11, ZE16, ZBMM11, AD15, BdVGS11, DBJ11, DHJ13, DSP15, Er14, FRW17, HJ14, JK10, KD17, KBSP12, LP15, NBM15, NF17, PCVZ11, SJ11, VBC12, YK12].

stock [KCL11].

Stokes [BKOZ16, EW14a, FDZ17, FBHB17, FM15, MVS15, Sal16, SK15, VSO13].

Stokesian [BHND16].

Stomo [PR12].

stopping [AG12a].

storage [Aono11o, BMC11a, CLH17].

strahlung [DKM15, BHZ13].

straight [dJBIM16].

Strain [HL14, KCA15, Laz15, WP10a].

Strategies [KS15, DCGG13, FSJ16, HJH17, SKH10, ZHS13].

strategy [BPMM14, BHVM15, CRMVR16, FHTO17, LKM16, LWW12, NM14, WLZ17].

Stratified [SSBS15].

Stratonovich [KD17].

streak [WS11a].

Stream [YTYA17].

streaming [CO11, WFV14].

Streamline [DCM12].

streams [BS13a].

strength [SW14a].

strengths [SEW12, SEW14].

stress [CHDCJA17, KCA15, Voy13].

stress-fluctuation [Voy13].

stresses [Van15, YK18].

stretching [BJ11].

stripe [WWB11].

Strong [GNA15, ZZ15, BMW14, CPHL14, CHZ18, DOP17, HEF11, MMO17, RGKR17, SW14b, SS12, ZYZ15].

Strongdeco [JGD12].

strongly [JGD12, LKT16, LDF16, NO14].

Structural [KAR15, SWL15, ZRS12, Bin13, CZN14, EBDM17, FSJ16, HY11M, MH17, PPS10, QDZ13, RAV11, ZMPT13].

Structure [HL18, XNK16, ACD14a, AGVP10, Aono10n, ACC17, AFZ17, AFZ18, Aza13, BK13a, BC10, Bj11, CPV13, CYD11, CJJ17, Cor14, DO14b, FLA16, Faw10, GLL17, HKSW10, HBB17, JWCW17, JGB13, Kra17, LZ12, LQZ13, Liu14,
LZ18, LZ11a, LZ11b, LSK+14, LOSZ13, MED11, MSZW11, MW14, MNPY14, PSP16, Rut18, San15, SS10a, SCG11, TMA+15, THJ+10, TC12, WG16a, WLZM12, WM13, WAHL13, XLCW14, YFAT17, zYCG+18, YG12].

structure-preserving [San15, WM13].

structured [CVK+17, FRFH10, JBG+16, JBG+17, KK14b, YH15, dBCH14].

structures [´ASTT16, ASEA14, AZ17a, AZ17b, BHN+16, Bot12, CJH11, CCM12, DV11, LCY+11, LF12, LZ12, LOV10, OG14, OOl5a, RJKC16, SZC+13, VDB14, WLG+13, WTH15, XL115].

stuck [GK11].

studied [GZL14, WXW14].

studies [CMJ+11, HW11, MKR+12].

study [AS11a, AYDY11, BTM+17, CMRVVR+14, CB15b, CB16b, CMR17, CRNK12, EY11, FDWC12, GLAC13, Gwi12, HCRD14, HST+11, HCC14, HML11, HB13, IUM13, JTN+11, JWL13, KBB+17, LLHC11, LRC+11, LQZ+13, LN16, LLSZ14, LHS14, LS11, LNSD15, LSD18, sLqqL+13, LMAB16, MiH12, MPSV15, Mi11, NRSVW12, PBE14, RB18, SWL11, TGI11, VEM12, ZDWY10, ZDD+13].

Studying [YLYL17, AKZ+13, GTSL+13, HP11, LSDD14, Le´o12, MFS10b, QDZ+13].

Sturm [LV10].

Sturmians [MCGR11].

sub [BHN+16].

sub-grid [TMM13].

subject [PR13].

sub-micron [BHNS17].

sub-micron-size [BHNS17].

subpixel [HHC16].

subsequent [KEH12].

subsonic [TKL+12].

subspace [BH11, LHJZ10, STK10, YRR13].

substrate [EW16].

substrates [CLY11, EBCBG17, WTH15].

substrate [PR13].

submicron [BHNS17].

submicron-size [BHNS17].

subpixel [HHC16].

subtract [Sib17].

subtract-with-borrow [Sib17].

subtraction [AK13a, HMU10].

successive [BSM13].

Sufficient [MD11a].

suitable [BW15].

suite [FBC+12, PVH+17].

sum [GJ13, WL11a].

summation [KK14b, KR16, LH11].

SummerTime [LM16].

sums [LM16, LNP+17].

supercell [Laz15].

supercomputer [GHdF10, Yi11].

supercomputers [KCS+15, NB17, ZZG+16].

supercomputing [AGL11].

superconducting [CdFDS16, KA17, PMVG16].

superconductor [HBS+11].

superconductors [CMJ+11].

superfluid [SQA+15, WFM14].

supergravity [Fis12].

SuperIso [AM10, AM11].

superlattices [ACCB13, MiH12, RFPS18].

SuperLFV [Mur14].

supernova [BNAB11].

supernovae [CHA11].

Superposition [HD17, HCRD14].

superpositions [BS12].

superpotential [Sta10].

superspace [DF11b].

Supersymmetric [AB10, AbDa15, AC17, AMRdA17, AhPSV15, CJ12, CGV13, DET12, ES16, Mur14, SD15, Sta11, SOPS12].

supersymmetry [AKH12, AM10, BBC+13a, BSW12].

Support [GBJ+15, LS15a, Smi16].

Suppressing [KOG17].

suppression [GV15].

supramolecular [KBB+17].

Surface [GMI11, MGS13, AGV10, ACMM10, BHW+12, CCD+16, CL11, CPR12, CB16b, Dan10a, Dan10b, Dan16, Dan17, FM15, Gai17, GSKM15, ML14, NS11b, PR10, PR12, RJLL16, SÖÖN11, TM14, TG11, XD16, ZPH+15].

surfaces [ASPDL+16, BKN+17, DR12, EBCB+14, EBCBG17, FGC+11, HS16, KC14, RFPMP+17, SKML11, WS11a, YLK10, Zhe15].

surfactants [vdSM16].

SURFF [MB16].

surrounded [FM15].

susceptibility
SuSeFLAV [CGV13]. SusHi [HLM13, HLM17]. suspension [vdS10]. suspensions [BE14, BHND16, HPKF15, MDPTK15]. SUSY [Fon12, MZ14, Ros15, Sta14]. SUSY\_FLAVOR [CRC+13, RCD+10]. Susyno [Fon12]. SUSY\_QCD [AMRdA17]. Suzuki [WC13, WC15]. Swan [HD11]. Swarm [PE17, GWF+16, GD14, SWL+15, YZZ+17]. Swendsen [KO12, KO13, KO14b, Kom15a, Kom15b, Kom15c, KO16]. switching [PM14]. Symbolic [Che17, CK12, GBD10, GDB10, LLI12, LLI13, Cri18, GBRB11, JC13, JC14, KH10, Pan15, SZ15, Zit11, KDP+14]. Symmetric [CFMR10, CYSL12, ACC17, CDMCN11, CFSK14, CLW11, GBRB11, GCHL15, HC17, JOR+12, KSW12, MCP10, NLSJ17, PAS11, PS14, RS12, REBS16, SW12a, SW13b, Sza13b, Sza13a, TC12]. symmetrical [AAD14]. symmetry [JC13, JC14, VJC12]. Symmetry [MW14, Alv12, BCDP18, CDTV10, CFSK14, FF11, GNT17, HJL+14, LRC+11, ZAHA10]. Symplectic [MKS10, Bla15, CFMR10, CZS10, CYSL12, HDZ14, KMS14, KZC+10, LS12a, LYL+17, QSC14, RHW+12, SS12a, SW13b, WXL13, WWHW14, WWC+16, ZST11]. SYMPLE [KDP+14]. synchronous [Benk+17, Fer15, SC13]. synchrotron [LSF14]. synthesis [LHWL16]. Synthetic [MGA+13, KFF+16, PN15]. System [KB+14, Ano11a, BM+11a, BJBC+14, BCDP18, BHI+10, BBH+15, CDM16, CFCCB12, Cas12, Dat13, FBHB17, GZL14, GPB13, HAH13, HZ11, HLD13, JMG+17, Kro16, LDR+17, SL10, MD10a, MS+10, MCA14, MSH11, OK10, OY13, PMMW15, TTG11, TTS11, TD17, WNPY17, mZfXL15]. systematic [BW16, BSK+18, GA13, RCGT16]. systems [ASTT16, AKR15, ASPDL+16, AGH+16, ADDM+12b, ACD14, BM+11b, BFPP12, BBS14, BKS15, Bis15, BVC13, BMW14, BC11, CR13, CLH+17, CGM17, CLJ12, CYSL12, CL15b, CB15d, CB16a, CR12, CBB+10, CFFR15, Dan14, Dan16, DML17, DEW16, ER14, ERT15, FLW10, Hill14, FE11, FLW17, GJ18, GS17a, GH11, GM16, GB+10, GBJ+12, GBJ+13, GCHL15, HBL+13, HAN+16, IUM13, JLA+14, JWC18, JXTS16, JLW13, JNN12, JNN13, JGC+11, KFS17, Kau13, KPA13, KI11, KO12, KS12, KPOR18, KGNS10, LKM+16, LCY+11, Le012, LRW+15, LWYW11, LS16, LB10a, LB13, LKT+16, LCHM10, LL12, LCHM13, LBP15, MPM14, MF15, Men11, MGS13, Miy15, PFA+15, PTMDPK14, PLCC12, RF10, RAV11, RH15, RCM16, RLMGM+11, SW14b, SL17, SEG15, SWG17, SL16, SS10a, TM14, TDL+14, UO15b, UO15a]. systems [Voy13, VBMP15, Vuk12, WXL13, WRB11, WAW14, WYSW10, WW10, YZWR14, ZAHA10, dB14]. SYVA [GNT17].

targets [BAK+17, HC16, LHJ+15, MSR+17]. task [TGH+16]. task-based [TGH+16]. tasks [HWT10]. tau [SW14c, Wan10a, HTTT13, HTTT14].
TAUOLA [DNP+12]. Taylor [WG12]. TaylUR [vH10]. TD [HM17].
TD-DFT [HM17]. TDDFT [PUO14]. TDF [MRU14].
TDSE [FZY17, ON14]. TE [LS17b, LSSW14]. tearing [HSK+12].
Technical [DNP+12, DPW16, LS15a]. technique [BALV16, BCP18, CS10, DG10a, DG10b, DM17, Eba13, EKGDG15, GHvdL11, GGG16, GTS14, Hon10, JAS17, KN13, Koh15, KR16, LLX14b, NPA11, NVAFO18, Ram10, SK14, TH17, VDB14, WLS13, WDR16, MAIVAH14].
techniques [BCS10, BD12, BJM15, BSW12, GSB+14, KHKR14, LAG+17, MC12, OBH10, PLF+17, RGH10, RWKS15].
technological [CMdB11]. technology [DM12, MSI+10, RB18].
tempering [Boe14, FFT+14, JJ15, VdLF14, VDF15]. Template [LHL11, BJ14].
TemplateTagger [BJ14]. Temporal [DNP+12]. tensile [SCM+18]. Tension [RM10a].
tensor [BK12, Bre10, DKOS14, GCH+18, HR11, KAK12, KK14b, KK14a, KCA+15, Lya15, NKS15, PG017].
Tensors [Dep17, Ara14a, Ara14b]. term [Pla16]. terms [ACMM10, ACML11, ACM12, Deg15, HMU10, LNP+17, MSR10].
ternary [Sza16]. terrain [OAKS11]. TERS [Nat10, Nat09].
Tersoff [Ngu17]. Tesla [Lya15, AAA+16].
Tessellation [CMSN18]. tessellations [SOJ14]. Test [LNSD15, PBE14, SISW10, TdAdSS11, VEM12, ZZG+16].
tetrahedral [JG16]. tetrahedron [Kap12a].
Tevatron [BBH+10, BBH+11a]. Th [CHW+15, GJ14]. th-order [GJ14]. their [GSMK17, GCVA14b, KAR+15].
theoretical [SSS15]. Theoretical [HCC14, LQZ+13, NS11b, NVW+13, Sit18]. theories [ADF+15, CJ12, Cip11, Fri14a, LSSW14, SA14]. Theory [GS17a, VCMS+13, ZZH+16, ASA18, BPC12, BB13a, BW12a, BG11, BO12, BRH+16, CXH+15, CKn11, Chr18, Cri18, DF13, F15, GWL+17, GBR+14, HAH13, Hsu11b, HHS+10, JCW+13, KBB+17, KKVW11, KPST15, Kral17, LA13, LSDD14, LWES18, LSK+14, MGBR11, MBF+10, MOB12, MSS+16, MG10a, Mi11a, MC17, Naz12, NR5VW12, Nut14, OOK+12, OT11, Pre18, QF16, RWKS15, San15, SD15, SCR517, SSH16, SBH+12, TVGB15, VBS+17, Wan10b, WM13, YZWR14, YLY17, ZAHA10, BK13b, BC10, DBB12, GS17b, LT15].
thermodynamic [BSWC14, Cou13a, Cou13b, DES+11, GRR+14, MJB11, RKGC+17, TDL+14, ZZH+16]. **thermodynamics** [AGVP10, Fri17, KH10, MLW+10, diRAPL11]. Thermoelectric [BKA+14, KAR+15, NVAFO18, PVK+14a, PVK+14b]. **thermostat** [GJHF14, JBMK15]. **Thermostatical** [GM11]. thermostatistics [AMR15]. thickness [CDSG11]. thin [BL14]. **Third** [MAM14, NS15, VEB+18]. Thouless [RMC16]. threads [CUL+17, sLqS+13]. Three [BY13, CW16, dAfDSVM12, HWS16, LJSW11, LB13, MNPF17, SC15, WWC+16, YWX11, ABB+16, BC11, BKM14, BK16b, CS16, DS13c, DMC10, DO14b, EKO16, Exl17, FTT+14, GTPWL12, GBD10, GSMK17, HLW16, HSW10, Ixa16, JWCW17, KKP11, KP12b, KH12, KR15, LA13, LLX16, PBE14, Qia16, RWKS15, SFP11, SCLW16, SC16b, TSI16, WL11b, XZF12, ZFH14, ZZG+16]. three- [GSMK17]. Three-body [BY13, LB13, EKO16, Ixa16]. Three-dimensional [CW16, dAfDSVM12, LJSW11, MNPF17, WWC+16, BC11, DS13c, DO14b, FTT+14, GTPWL12, HCSW10, KKP11, KP12b, KH12, KR15, LLX16, Qia16, RWKS15, SFP11, SCLW16, XZF12]. three-level [WL11b]. three-nucleon [GBD10]. three-state [XZF12]. **Three-temperature** [SC15, SC16b]. threshold [BH17, BKM16, Has11, HST+11, dSdO12]. throttling [DSHS17]. throughput [EC14+10, Z17a]. Ti [Ell17b]. TIERRAS [TS10]. **TIGER2** [BW15, MPB10]. tight [HM17, RJKC16, SHNM11, YLY17, LSK+14]. tight-binding [HM17, RJKC16, YLY17]. **TIM** [LHC+12, OTC14]. Time [GTG+11, HKF+12, LB10b, RJKC16, TD14, TC11b, TT11, AAA+16, AdM16a, AdM17, ABDR17, AH13, BS15a, BR14, BD10, BMBC+17, BB12, BENK+17, CZ18, CMSN18, CVK+17, CC10a, CDL+12, CW16, Chr18, CHZ18, CO11, DS13a, DS10, DM17, DV11, DSW+15a, DKSG16, DHR14, DJ14, DM12, ECD+10, FDZ17, FGLB12, FNMPB10, Fri10, GS15, GMPPC+14, GML15, GBR+14, GM16, GBSY18, GJHF14, GW+11, HE13, HWG13, Has11, HC16, HLLH16, HC17, HKvH16, Hsu11b, HHC+10, HWM15, Hua17, IW15, JLM18, JHJG14, JM+17, KK16b, KYSV+15, KSY17, LLHC11, LV14, LS15b, LLP15, LTP+17, LAS+17, LBB+16, LYS+16, LR13, LR16, MC16, MGRB11, MGL16, MC10, MBFD12, ICD13, MC17, NPM16, NA1Q16, ON12, PS11, PSBT12, PM16, PTMDPK14, PBS+17, QYM11, QA13a, Ram14, RVDS16, RDVS18, SHT18]. **time** [SSB+16, SKFP16, SSH+13, SGW17, SBH+12, SCB17b, SW12b, TTG11, TL17, TT14, TVT+16, TVGB15, UW12, US16, VDB14, VBS+17, VVB+12, Vuk1, WL11b, YSVM+16, YSMA+17, ZD15, ZYZ15, dHGCS11]. **time-delay** [DS10, LTP+17]. **time-delayed** [JHHG14]. **Time-Dependent** [LB10b, GTG+11, TC11b, TT11, BMBC+17, DS13a, DHR14, DM12, FGLB12, GS15, GBR+14, KYSV+15, LV14, LBB+16, LYS+16, MC16, MGRB11, MGL16, MC17, NPM16, ON12, PM16, SS8+16, SSH+13, SCB17b, TVGB15, UW12, VBS+17, VVB+12, WL11b, YSVM+16, YSMA+17, ZY15]. **time-domain** [CW16, FNMPB10, HE13, HC16, HC17, HKvH16, MBFD12,
ICD13, SW12b, TT14, VDB14. **Time-efficient** [RJKC16]. **time-evolution** [JMG*+17]. **time-evolving** [US16]. **time-harmonic** [HLLH16, LLP15, TVT*+16]. **time-modulated** [TTG11]. **Time-splitting** [TD14, BB12, GML15]. **time-step** [LS15b]. **time-stepping** [DJ14, SHT18]. **TIMEDELn** [LTP*+17]. **times** [VKLM11]. **timeseries** [HBP14]. **TimeSeriesStreaming.vi** [CO11]. **timesteps** [YQM12, YQM14]. **Timing** [SJW10]. **tin** [LZP12]. **TINKER** [BBL*+13]. **tip** [XLX*+15]. **TNAMD** [MPB10]. **tokamak** [Ano10n, ALC18, BSM13, BMU11, BT17b, BB13b, FBHB17, GGI*+13, HV15, HAK*+14, HF16, JHL*+15, KYKN15a, KYKN15b, KGG*+16, KQYH17, LDR*+17, LRK13, OILK17, PMS*+17, PS11, YLKN17, SM13]. **tokamaks** [ML17, PPV*+11, TJH17]. **TOMBO** [ONS*+15]. **Tomlinson** [AMM11]. **tomographic** [YvOSM15]. **tomography** [AGMS15, CM10b, DADS11, FWS*+17, LM12, MD11b, PR10, PR12, SSM*+17, YvOSM15]. **Tool** [Mau16, Ruf13, SF10, BJ14, BCH17, Bre10, BHW*+12, CF16, CKS10, CRC*+13, CZN14, DGPW11, DES*+11, DRR15, EBDM17, FCC15, Gio14a, GM17, GRR*+14, GPS*+13, GFB*+10, GGF*+13, HD11, Hir15, HB13, KFS*+13, Kol15, LCE*+13, LHL11, LS17b, MLGVE14, MVI*+16, MNPY14, MYP*+14, MG10a, Müll11a, Mur14, NRSVV12, OG14, OO15b, OO15a, OVS15, OAKS11, PMS14, PMS15, Pra17, RF15, RCD*+10, Ros15, RKGC*+17, Rut18, SGDS16, SZC*+13, SPY11, SOPS12, Sta14, WS11b, YB13, BB15]. **toolbox** [ACD*+14b, AD14, AD15, BHJ*+18, HT12, Hoh14a, Hoh14b, Hoh18, HSF*+15, Men11, PFA*+15, TACA15, VDAH16, WTH15]. **toolkit** [HWM*+15, Hua17, Liu15b, SBH*+14, SMQ16b]. **Tools** [GHdF10, GHvSF14, ABB*+14, Ano10o, CFW17, Fis12, Frt14b, LHGF18, MFS10b, SS13c, VKS16]. **Top** [ALL*+11, CFSK14, CM14b, HLM17, KKK*+15, ZZG*+16, CM14b]. **top-pair** [CM14b]. **top-quark** [KKK*+15]. **topological** [BLS17, FWZ*+12, WZS*+18]. **topologies** [ABB*+16, BCM*+16]. **Topology** [LRR*+17]. **tops** [MVN13]. **TORBEAM** [PBL*+18]. **torch** [CLW11]. **toroidal** [BBBV12, HK11+12, JGC*+11, KTE*+12, LC15, MBJ*+10, PCGM14]. **torsional** [ZMCT12, ZMPT13]. **torus** [GGJ*+16]. **total** [KCA*+15, MKU*+12, SAA*+10, SGDS16, SSM*+17]. **toy** [GFJ*+14]. **toy-model** [GFJ*+14]. **trace** [SK12]. **tracer** [OTC14, WLQ*+17]. **tracing** [CMS17, KMA*+12, LHC*+12, LHL16, MTM14, MMC10, MAss14, Müll14a, PBL*+18, TYZK16, VLZ17]. **track** [AANA12, BPPM14, BKM11, JuIAM16, LFG14, MSN11, SMCB*+15, VSG17, AKK16]. **TrackEtching** [VSG17]. **Tracking** [KL14, AGMS15, BKM11, BY17, CNS*+18, CWY*+17, KSW12, ZSW*+17a]. **tracks** [Ene11, KEH12]. **tract** [CPCDdM18]. **tractable** [Brá15, Deu16]. **trade** [CLLK11, NBN*+14]. **trade-offs** [NBN*+14]. **traffic** [JHJG14, Kom15b, SDJ*+12, SJW10]. **train** [DKOS14]. **trajectories** [Bin13, DRR15, KI11, KS15, LS12b]. **trajectory** [TS11, Wil15]. **Transfer** [Hak16, TRN16, ZLL18, ASS13, BBB17b, CLJ12, DBMR18, ELD14, Gai17, GZL14, HTT13, HTT14, MR14, NBM*+15, NCH15, NFI17, NGC1+12, NC12].
STT11, SR12]. transferable [HBP+15]. transferred [CLW11]. transform [Jan10, KT10, sLqSqL+13, Ras09, Ras17, Ser17, TO10a, WLG+13, FFC15]. transformation [BMNS14, GKM10, GSMK17, Mey18, MGK13, OK14, SMGK14, SCG11, JLV13]. transformations [Che17, MWCY14]. transformed [PSL+17, SSK+13]. transforms [GMF+17, SPS10, SBvD13].

Transient [NB17, CAN11, CCXC15, CB15b, GTSL+13, MK10, RJLL16, WNYP17]. transientia [PLF+17]. Transition [BP12, BR13, LA13, BL14, CK12, DSHS17, Fri12, HW11, KA17, LRC+11, MTS+16, NFI17, RMC16, RE12, SLZ16, SV12, Wai12, WJHW14]. Transition-path [LA13]. transitions [BUJ15, CMR17, JJB11, KPA13, Ots11, QDZ+13, RAV11, VDF15].

Translation [TSIM16]. translational [CATK11]. translocation [KSH11, dHGCSo11]. transmission [GCVA14a, HTT13, HTT14, MD10a, PYW+14, WHB16]. transparency [WL11b]. Transparent [NPM16]. Transport [CP15b, VC10, ASPDL+16, BDPM15, BTL+17, CVK+17, CCXC15, CAGL13, DSP15, EY11, FUSH14, FZ16, FLSZ13, FRFH10, FR15, FM15, GZL14, GLHG12, HBE10, HCC14, HF16, Ihn12, JA17, KLRK11, KYKN15a, KYKN15b, KPK+17, KKS18, LCKM14, LRK13, MD11a, Mar15, MS14, NPM16, OBH10, PPV+11, PLF+17, PMS+17, PBF+16, PVK+14a, PVK+14b, PMVG16, RFT16, RB18, SL16, SISW10, SK12, SD14, SCW+11, SSF+14, SC15, SC16b, Tic10, Tic14, WRFS15, XJS16, YSN+14]. transpose [Lya15]. transpose [MSH11, Qia17]. transpose [BKC+17, Fuh15, KPPC13, MCNR15, dRl11, SM11, TC11b]. tree [ACD+14b, FSF11, KPvdH13, WISA11, WSH+12, YZWR14].


turboEELS [TVGB15]. turboTDDFT [GBR+14, MGRB11]. turbulence [BY17, DCM+12, GAB+16, HO13, JHL+15, KTE+12, KQYH17, MMO+17, SNB11, THDH14, TMM13, Uty14, YBY13, ZW15]. turbulent
Two [BBPS15, CCW10, KV10a, LWWY11, MLK17, PMMF15, RS12, THJ+10, VK14, d5b, AMRdA17, AG12b, AH13, AM17, BKS15, BH13, BIT+12, BK15, CAN11, CI16, CC10b, CC12, CDS+13b, CS10, CHZ18, Dan14, Dan16, Dan17, DG10b, DS11b, DN13, Dev12, DT18, DKT14, Eba13, ERS10c, ERS10a, ERS10b, FS17, FGR14, FEH11, Gag12a, GDB10, GH11, GL10, GC16, GLW14, HEP12, HIK11, JEFP14, JWC13, JH15, JPM12, KS16a, KK14a, Kii10, KYKN15a, KYKN15b, KAvdL11, KTE+12, KO12, KO13, LA13, LSD+14, La15, LW14a, LS17, LS17b, LST15, LHH+12b, LJJ18, LB10a, LY16, LR13, LR16, LS17, ML17, MH18, MSZW11, NS15, OAKS11, PP13, QLE16, RVA14, SY17, SIE16, SL16, SQ1+15, SW12b, SS10b, SDJ+12, SJW10, TL17, TBZ12, TTT14, VvAV+11b, Z12, YÇÖ15, YZZ11, YdDH+12]. two [ZLM12, mZfXL15, ZHC16]. two-body [FEH11, HEP12, LSD+14, VvAV+11b]. two-center [DT18]. two-color [HK11]. two-dimensional [VK14, AH13, CAN11, CC10b, CC12, CHZ18, Dan14, Dan16, Dan17, DG10b, DS11b, JEFP14, JPM12, KS16a, KYKN15a, KYKN15b, KAvdL11, KTE+12, KO12, KO13, LA13, LSD+14, La15, LW14a, LS17, LST15, LHH+12b, LJJ18, LB10a, LY16, LR13, LR16, LS17b, ML17, MH18, MSZW11, NS15, OAKS11, PP13, QLE16, RVA14, SY17, SIE16, SL16, SQ1+15, SW12b, SS10b, SDJ+12, SJW10, TL17, TBZ12, TTT14, VvAV+11b, Z12, YÇÖ15, YZZ11, YdDH+12]. two-Higgs-doublet [ERS10c, ERS10a, ERS10b]. two-layer [GLW14]. two-layered [PP13]. two-loop [AMRdA17, BH13, LS17b, YdDH+12]. two-parameter [JWC13]. two-particle [Dev12, MH18]. two-phase [Bi10, SY17, SIE16]. two-photon [DKT14, ZLM12]. two-point [CS10]. two-power [SW12b]. two-route [mZfXL15]. two-stage [CCW10]. two-step [LWWY11, BIT12, FGR14, NS15, SS10b, YZZ11]. two-way [MLK17, OAKS11]. type [BK15, BK15, BKM14, CK16b, CC10, CC12, CHZ18, Dan14, Dan16, Dan17, DG10b, DS11b, EJFP14, JPM12, KS16a, KYKN15b, KO12, KO13, LS17, LS17b, LST15, LHH+12b, LJJ18, LB10a, LY16, LR13, LR16, LS17b, ML17, MH18, MSZW11, NS15, OAKS11, PP13, QLE16, RVA14, SY17, SIE16, SL16, SQ1+15, SW12b, SS10b, SDJ+12, SJW10, TL17, TBZ12, TTT14, VvAV+11b, Z12, YÇÖ15, YZZ11, YdDH+12]. two-Higgs-doublet [ERS10c, ERS10a, ERS10b]. two-layer [GLW14]. two-layered [PP13]. two-loop [AMRdA17, BH13, LS17b, YdDH+12]. two-parameter [JWC13]. two-particle [Dev12, MH18]. two-phase [Bi10, SY17, SIE16]. two-photon [DKT14, ZLM12]. two-point [CS10]. two-power [SW12b]. two-route [mZfXL15]. two-stage [CCW10]. two-step [LWWY11, BIT12, FGR14, NS15, SS10b, YZZ11]. two-way [MLK17, OAKS11]. type [BK15, BK15, BKM14, CK16b, CC10, CC12, CHZ18, Dan14, Dan16, Dan17, DG10b, DS11b, EJFP14, JPM12, KS16a, KYKN15b, KO12, KO13, LS17, LS17b, LST15, LHH+12b, LJJ18, LB10a, LY16, LR13, LR16, LS17b, ML17, MH18, MSZW11, NS15, OAKS11, PP13, QLE16, RVA14, SY17, SIE16, SL16, SQ1+15, SW12b, SS10b, SDJ+12, SJW10, TL17, TBZ12, TTT14, VvAV+11b, Z12, YÇÖ15, YZZ11, YdDH+12]. two-Higgs-doublet [ERS10c, ERS10a, ERS10b]. two-layer [GLW14].
Unconditionally [Ram14]. under-ice [TS10]. under-saturated [JHJG14].
underground [TS10]. underwater [TS10]. undirected [FLP10]. UNEDF
[BBC+13b]. Unfolding [ZZD15, ZZ17b, ZZ17b]. unification [ABdA15].
Unified [DE13, Ram12, Wei99, CSC11, CSJ+17, KEH12, MRVF13,
RHW+12, Sch14a, SK12, YK18, zYCG+18]. uniform [BDP16, CDMCN11,
GBN17, GSN17, LGF14, Ser10, Ser17, Wit14, YQM12, YQM14].
uniformly [Gwi12, SKK11]. Unique [WLG+13]. unit
[Laz15, MEM+11, Tic10, MSML10, YLO13]. units
[APRG11, BK11a, BHS18, BJCW13, CDS13a, Col14, DBDP12, DS11a, DF13,
FS13, FUSH14, FCVH17, Fil14, FZY13, HAN+16, LAS+17, MED11,
NPAG11, PLD+13, SH12b, TD11, WDL11, WWFT11, Dem11]. Universal
[CCWL11, DNP+12, DGPW11, EGPS10, GGI+13, SJ11, DDF+12].
Universality [Fri10, PM13]. unknown [PR13]. unknowns [YBK+
11]. unparticles [AAB+10b]. unsaturated [GTSL+13]. Unsteady
[FKJ+17, SL14, TY10, Tia11, TCP13, TPC16, Uty14]. unstructured
[ASGLK10, AK15, GLHG12, LYP14, LJWK11, LQRQ16, MTO15, PBD+15,
SC15, ZS13]. unstructured-grids [SC15]. unweighted
[Gag12b, Gag12a, WW12]. Update [ABB+14, CYD11, KT10, AMJ18,
BCMS10, GSMK17, NM14, TJD11, Tab16, Tom16]. Updated
[GAC+17, KKK+15, Cip11, LCE+13, LW16, MBGK11, MYP+14, MG10b,
PKV+14b, SZY+12, SZY+13]. updates [LS15a]. upgrade [Dan11].
upgraded [CWW10, CWW15, OKP10, Sha16, ZYL+15]. upper
[CPCDdM18]. Uquantchem [Sou14]. use
[ERPDFLS15, KAR+15, Kom15a, LCI10, MVN13, Sou14, ZDWM17]. Useful
[Bar11b]. user [AKK+18, BBG+13, CFS13, GLR17, RFP+17].
user-friendly [CFS13, RFP+17]. uses [CEPI10]. Using
[BS14a, CSR13, RMC16, AM14b, APRG11, ACD+14a, AGMS15, ALC18,
Asc10, AH13, APC+14, AAJA14, BM+11a, BSM13, BDVG11, BH14b,
BD10, BKM11, BCM+16, BCT+17, BY17, BS12, CKLM10, CCLL18,
CL15a, Cap13, CB13b, CAN11, CC16, CMS14, CDS+13b, CKK+13, Cip11,
CB+10, CH11b, CBB14, CB16b, CL13, CLB11, CRNK12, CMS17, DM17,
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Zlokazov:2014:CIO


Zheng:2012:MPC

Zierenberg:2013:SPP


Zheng:2013:MVN


Zwart:2013:MPS


Zhou:2015:EHO


Zouros:2018:CEA

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**Zhu:2011:MSW**


**Zhang:2017:UVM**


**Zhang:2017:NIL**


**Zhong:2013:MCD**

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Zhong:2014:CSC

Zlokazov:2013:VPA

Zhao:2015:NMN

Zhang:2017:WIC

Zhao:2010:VIM


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Zhang:2016:STM


Zhang:2016:MCT


Zhang:2018:MSN