Title word cross-reference

$(2 + 1)D$ [HP14]. $(MC)^3$ [KSW15]. 1

[CC14, Gio14a, HTT13, HTT14, MGL13, PM16, RKVL14, SBH+14, WNYP17].
1 + 1 [SÓÖN11]. 1/2 [HvWT17]. 1/t [AM17]. 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, CPCDdM18, DGG13, FRFH10, GS15,
Gai17, GMF+17, GG16, GX15, HKJ+12, HDM+12, JEC+12, JKS16,
KAK12, KL11, KO14b, KO16, KMJS16, LHZ10, LHC+13, LX14, LW11,
LBP15, MGO13, MCP+11, NHD16, PR10, PCGM14, QSC14, Qia17, RF15,
RS12, RJLL16, RHBRH15a, RHH15b, TGH+16, TIM+16, WNYP17, ZXL16,
ZD+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, RPB+15].


- [WW16]. -body [CDS13a, MTM13, MBFD12, PIH11, WSH+12].


-diff [TACA15]. -dim [GMF+17]. -dimensional [Kap12b, diHV12].


topologies [ABB+16]. -type [WL11b]. -values [Wie13].
/Python [SV14].

1 [BRH+16, TU14]. 1-loop [DNPS13]. 1.0 [KPK+17, RVDS16, SNG+11].
1.1 [LSt15a, MS+17]. 1.2 [CV13]. 1.23 [DPW11]. 1.4 [Wie15]. 1/2
[YQM14]. 184 [LR16, SIMGCP14, ZTG14]. 186 [KYKN15a]. 187
[RHBH15a].

2 [CKFB12, DLU18, DDK+17, DES+11, Fen16, FP14, HD17, HM12c, JNN13,
LS17b, dRIL11, dRANT11, dRJL14, PGD17, PR12, RSBB14, TBB+14,
ZE16, Cro16]. 2.0 [AFS12, ACD+14b, BCH13, BHS15, DDKM15, GLPQ11,
GBR+14, HEPW13, HHS+10, Liu15a, LRR+15, LCR10, OGB14, PSM14,
Pat17, SZZ+12, SZZ+13, Sha16]. 2.0-Hybrid [GBR+14]. 2.0.0 [BBH+11a].
2.0.2 [VRV18]. 2.1 [BH13, CNMC10a, PSM15, QGLP13, SZZ+13, YZCS18].
2.2 [YZCS18, ZYL+15]. 2.8 [OK12]. 2014 [MAM14]. 213 [AZ17a]. 230
[ERS10c, ERS10a, ERS10b]. 2nd [FMRP16]. 2ODEs [ADdM14].

3 [CZ17, GLR17, LS17a, NGG+13, Smi14, vH10]. 3-state [MEG12]. 3.0
[BHJ+15, CXH+15, GCV14a, LHW16]. 3.1 [PS12]. 3.2 [Sm16, Sta13].
3.4 [BCP13]. 39 [AANAJ12, MSN11]. 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 [SAC+15].

9 [Nik12b]. 9.0 [SMO16a]. 90 [GST12, KS12, SSG+10, SS10a]. 95 [vH10].
= [LQZ+13].

A-Track [AKKK16]. A.I.K.E.F. [MSM+11]. AACSD [LZ18]. ab-initio
[BKS15, RH11]. abelian [MS13, SV13]. ABINIT [ERP+12, GJA+16].
abrasion [EBCB+14, EBCBG17]. abrasive [EBCB+14]. abscissas [Odr11].
Absorbing [NVW+13, DV11]. Absorbing-like [NVW+13]. absorption
[YCÖ15]. Abstract [SBQ14]. abundances [Arb12]. Accelerated
[FSH13, JP11, SD15, SZ13a, SZ13b, BS14a, BWW+17, BCFR15, BVP10,
BTL+17, Cap13, CMP15a, CGB14, CH11b, CRB+17, DS13a, Ex117, FOB+15,
[BR11]. **Alfvén** [BF10, HSK⁺12, TJH17]. **AlGaX** [AM14b]. **algebra**
[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, CC14, CC15, CWY⁺17, CDS⁺13b, CGRB14, CBG17, CBAM12, DKSG16, DE13, DG10c, DG16, ETL⁺16, Eme11, ES11, FLA⁺16, FRG12, FZ16, FKH15, GCF⁺17, GJLB12, GST12, GV15, GZW17, GTL11, GD14, GES13, GLX⁺14, GX15, Gwi12, HGCM15, HWT10, HK15, HCH16, HP11, HZW⁺16, Jab12, Jab13, JWJL12, JWCL13, JWM⁺18, JvOK17, JJ15, JPK⁺12, JKG⁺18, KP12a, KB17, KO12, KO14b, Kom15a, Kom15b, Kom15c, KO16, KVV11, KSW15, LKL16, LM12, LHH⁺12a, Liu14, LZ11a, LZ11b, LY15, LTP16, Lya15, LOSZ13, MM17, MGO13, MPM14, MH11, MGS13, MEM⁺11, MC10, MTO15, NBN⁺14, Nem16, OL12]. **algorithm**
[OOK⁺12, PH13, PBB11, PDRG10, PP13, Pyw14, PR10, PG17, QwW16, Ray10, RU13, Rom15, RW11, SGM11a, SGM11b, SCB⁺17a, SG15, SLW⁺15, SPS10, Sin12b, SKK11, SQA⁺15, SOJ14, Ste17, TTT16, TIM⁺16, UW12, Urb18, US16, VSG18, VaAV⁺11b, VVL⁺17, VGM⁺15, WP11, WRF15, WWH14, Wei12, WRVD15, WXH13, YZ17, YvOS15, YTL17, ZKG⁺18, ZZH18, Zhe11, ZMJ13, Zou18, vRWS14, Cho11, KS16a, SKH⁺10, YKS11]. **Algorithmic**
[H212, Mey18, GHR⁺16]. **Algorithms**
[Fri14a, KD17, Pan15, TK14a, BS14a, BS14b, BAF18, CLH⁺17, CCW10, CR12, CF17, CLB11, DS11a, DS14, Dim14, DS13c, FDWC12, Fri10, FHA17, GBR⁺14, GWF⁺16, GCH15, GSC⁺16, Has11, HLLH16, HRC11, HVMR10, HCSW10, JPH⁺14, KK17, KME⁺11, LBM⁺14, LY15, 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**
[SAP17]. **All-electron**
[KCA⁺15, ONS⁺15, AKZ⁺13, JGAL⁺13, LRW⁺15, RCG16]. **all-optical**
[PM14]. **all-to-all**
[ESP15]. **Allen**
[KL17, LK12, ZFH14]. **alloy**
[DGMZ15, KZ14, LS17a, SWL⁺15]. **alloys**
[AM14b, CHDC17, NS11b, PE17, ZZH⁺16]. **almaBTE**
[CVK⁺17]. **ALOHA**
[dALM⁺12]. **along**
[MC17]. **Alpgen**
[CUL⁺17]. **Alpen**
[RJ12]. **ALPS**
[DBK⁺14, GAC⁺17]. **alteration**
[SVM10]. **AlterBBN**
[Arb12]. **Alternating**
[Sok13, XZ12, BDK11, LST15, TT14, XYK12]. **alternating-direction-implicit**
[TT14]. **Alternating-order**
[Sok13]. **Alternative**
[ADM17, Arb12, BKA⁺14, KAR⁺15]. **altruistic**
[HLS12]. **Am**
[MSN11]. **AMBER**
[NB16]. **Amdahl**
[JAS17]. **AMGA**
[Ao11a]. **amorphous**
[HYM11, MVH17]. **amount**
[DO14a]. **Amp**
[KP16]. **amphiphilic**
[FFIH11, SSF⁺17]. **amplified**
[EZBA16, ZLM12]. **Amplitude**
[Raw15, BT17b, MPSV15, Raw16]. **Amplitudes**
[DLU18, BBU11, BvH15, VdO11, Per14, dALM⁺12, ADH⁺17]. **AMR**
[GX15, ZKG⁺18]. **analog**
[CO11, Fer15]. **analyser**
[LW11, LW13]. **analyses**
analysing [BPMS16]. Analysis
[BBB+15, Car10a, CAN11, GdGB+18, GES13, IB11, SLLP17, WHB16, vdsM16, AAA+16, ASEA14, AS11b, AMR15, Ano11o, ADdM+12b, ACdDM14, APC+14, BHN+16, BKH+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, GMHRMCEME13, GMPPC+14, Glo14b, GA13, GBJ+10, GBJ+12, GBJ+13, GFJ+14, GAO13b, Hak16, HC16, HJL+14, JuIAM16, JKW+13, KKP11, KYYN15a, KYYN15b, LS16, LHHW16, LRR+15, LWP+17, MNO+17, MLW+10, MB12, ML14, MPSV15, Nov17, Ost10, dIRJL14, OVSI15, PCVZ11, PVH+17, PM14, Ram10, RRSCCJ10, RV10, Rui13, 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, LLL12, LLYL+17, PSB11, PSBT12, 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, LB+16, MLW+10, McM17, MLS10, NO14, Ots11, SSB+16, SKML11, Tau10, VVB+12, YSVM+16]. anisotropically
[CAN11]. anisotropy [BDK11, KGS10, MS11, NO14]. annealing [BSM13, BWB+17, CM10a, CD12, IZRT15, LOK+16, LM12, ON11, Yam16, JKG+18]. annihilation [BUJ15, GGGH14, Gre18, HLM13, Kol15]. annotate [BVC13]. Announcement
[YZCS18, AC18]. anomalous [LRK13, PPV+11]. ANOVA
[CC16]. anQCD [AC15, AC16, AC18]. Ansys
[LNSD15]. antenna
[THDH14]. ANTICOOL [Gre18]. antiferromagnetism [BG11]. antipeakon
[HDZ14]. antivortex [BUJ15]. any [Fer15]. APart
[Fen16, Fen12a]. APCAD [SLLP17]. aperture [HKF+12]. APFEL
[BCR14]. APFELgrid [BCH17]. API [NMC15, Zag14]. APINetworks
[MCN16, NMC15]. appearing [LM16]. Application
[BHH+10, BBH+15, CZD15, CGM17, CSSB15, DG10a, Evis14, GZL14, GJHF14, HW12, IUM13, KPA13, Koma15a, Kra10, KOK17, Lan13, LHJZ10, MUK+12, MS14, MK10, POG17, QA13b, STK10, SGM11a, SGM11b, SCG11, TKS10, WWR+16, YK10, AAA+16, AS16, APS+16, BBBC+14, BALV16, BMW14, BMNS14, Bru13, BDGM+17, CZL+17, CTL15, CCN17, Dua12, FBHB17, FK15, Fer15, GBK+12, HCRD14, HTJ+16, HBP14, JHL+15, KPPC13, LOK+16, OILK17, PS11, PB16, RWKS15, SV14, Sva12, TFBW14, TC12, WZS+11, WX14, vRWS14, HD17, MF15]. application-driven
[BBBC+14]. application-programming [SV14]. Applications
RHC15, RCH16, ZF16. **B-DNA** [BSC+13]. **B-spline**
[BH16, Fis11, Jiw15b, LD10b, LX12, ZF16]. **B-splines** [RHC15, RCH16].
**BACHSCORE** [SZC+13]. *back* [KSYY13]. *backed* [LL15]. *backflow*
[MBGV15]. **background** [KOT12, LCR10]. Bäcklund [WMCY14].
**backward** [VEM12]. **bacteria** [AD11]. **BADGER** [HM12a]. Bailey
[BJCW13, BCW13]. **BAL** [LS16]. *balanced* [EZBA16, OCF10]. *balancing*
[BS15b, FRG12, FN17, GMF+17, SSK13]. *ballistic* [KLKR11]. *balls*
[BBH+10, BBH+15]. *bamboo* [VLMI11]. *band* [CRGB14, GPB13, HC16,
LOK+16, LHSL14, MD10a, QDZ+13, RJ12, SW13a, SCG11, Zlo13].
**band-gap** [MD10a, SW13a]. *banding* [SSF+14]. *bands* [ZZD15].
**bandstructure** [DSLP11]. Bank [DPK+15]. **Barnes** [WHD+12]. barrier
[CHC+11, DT11b, Raw16]. *barriers* [Den10]. **baryon** [DE13, LCL+11,
Nem16]. *baryons* [CWW10, WW13]. **BASDet** [WG16a].
**based** [AGB+15, BLPP13, BD12, BCW13, BDKS10, BH17, BALV16,
BLS17, BK12, BRL12, BPM14, DBV12, BAR12b, BMW14, Boc14, BO12,
BPS+16, BCG+15, BC11, BS12, BKK13, BM14, BK15, BK16b, CM10b,
Cap13, CMVB+14, CSPAD10, CC16, CMJ+11, CDL+12, CKh111,
CAGL13, CDR+15, DMBR18, DIP11, DS117, DG10b, DM16, DDI17,
DR15, DBLF16, DSP10, ELS14, ESM17, FRG12, FGC+11, FDWC12,
FWS+17, FZY17, FHA17, GLZ17, GLX+14, GNT17, HLL13,
HFOFP15, HPKF15, HW10, HS16, HLD13, HKVR10, HM17, IN11,
ICPD16, JPCG15, JEC+12, JmYT11, JGAL+13, JTP15, KK13, KNC18,
KK14b, KKH14a, KSH14, KM17, KO12, KO13, Kom15a, Kom15b,
KLV15, KPST15, KMA+12, LCC13, LJE11, LFG14, LN16, LYX+17,
LO14, Liu13, LY16, IWRQ16, LN+17, MGL16, MB12, MKR+12, MW14].
**based** [MNW+17, NAP11, ON14, OLG+16, Oti13, OT11, OAK11, ÖY13,
PP13, PG17, PKRS16, RCGT16, RC13, RC16, RH17, SAA+10, SC14,
Shal13a, SCRS17, SSX14, St18, SZM+14, SHL+11, SK10, TGH+16,
TMD11, TB14, TDL+14, UW12, VPK14, VSG17, VDJ+11, VPP+12,
WP10a, WLS13, WSH+14, WBS+18, WIt14, XLL15, Zag14, ZAFAM16,
ZLPL17, ZSW+17b, ZHC16, ZS13, Zhe15, Zlo13, Cho11]. **bases** [GLZ17].
**Basic** [GF8+10].
**Basics** [CB15a, CB17]. **basis**
[Cor14, DM17, FM12, GYW+10, JH15, JGDI2, KAK12, LRW+15, MCWJ15,
Mey18, MFBB13, MK10, MCRG11, MAM14, ONS+15, PZY16, PSL+17,
Pit12, PVK+14a, PVK+14b, Pra17, RCGT16, Ray10, RHC15, RCH16,
RLM13, SDM+12, SDS+17, SD10b, SSK+13, ZDWY10, ZDWM17].
**basis-set** [MBFB13]. **bath** [Fri10]. **baths** [DS13b]. **Bayesian**
[ARM15, BPM16, CRB+17, KZ14, WGG16a, ZHL11]. **BBN** [Arb12]. **BCC**
[BBH+17]. **BCC** [RHBH15a, RHHB15b]. **BCVEGPY** [WW12].
**BCVEGPY2.2** [CWW15]. **Beam** [MSNI11]. **beam**
[BRL12, BKN+17, KKH17, ODP10, PR14, QL10, TJK16, ZPvR16].
**beam-based** [BRL12]. **Beamlet** [AGB+15]. **Beamlet-based** [AGB+15].
**beams** [AGB+15]. **Beating** [CCL15]. **Becke** [GZS13]. bec [vRS14].
**BEEC** [YWW13]. **behavior**
Ein16b, GC10, GC13, GC16, GC18, HL18, KvdO11, KPV16, KLV15, KYSV+15, LCJ10, LSDD14, LYSS+16, MD11b, MCAFd14, Sai13, SV14, SS12, SWS+12, Smi15, Stu10, TS11, Ver16, VVB+12, Vuk12, YSYM+16, HFSK12.

C# [GBJ+10, GBJ+12, GBJ+13]. C-code [GC10, GC13, GC16, GC18]. C-library [MD11b, MCAFd14]. Ca [CJH11]. cable [OVSI15]. cache [SSF+14]. Calculating [ABB+16, ECSH16, Fon12, LKM+16, AM10, AM11, Arb12, BBL+13, BBPS14, Brái5, CLJ12, EZBA16, FS17, FEH11, GPS+13, HEF12, Jab12, Jab13, LZZ11, LCHM10, LCHM13, MH11, NGM+10, PH13, PCR17, SEW12, SEW14, STY15, STY18, SC16a, SPAW17, SW12b, VDJ+11, WCL14, YLTS16, ZMC12]. Calculations [Lit13, PDC14, YZY10, APS+16, ART17, AC15, AC18, BK13b, BC10, BDPM15, BH17, BBH11b, BS13b, Bor14, BHS15, Cas12, CPV13, CCGC13, Cor14, Dan11, Dat13, DSW+15a, DSH14, DA16, DO14b, DML+16, FSH13, FUSH14, FCC15, Fri12, FYZ13, GA15, GGG16, GVS+15, HWW12, HHS+10, HW12, JPCG15, JWCM17, JOK13, KT12, KCT15, KSL+11, KP+17, KPT15, KH10, LA13, LZP12, LSR+17, LS17a, MED11, MAM14, MLK+17, NGG+13, NSXZ14, Nis11, OBH10, OT11, PB13, PUO14, PKRS16, PSp16, RPl+14, Röh16, RC11, SW14a, SZ15, SCR17, SAY+18, SPMM11, SLR+11, SSF+14, SST11, Smi14, Smi16, SQL+10, SSp18, TC12, VSG17, VCM+13, WLL1a, WR16, Wil15, XS16, Zit11, VPM16].

calculator [ERS10c, ERS10a, ERS10b, HTY17, ZZZ+16, ALL+11]. calculus [GLMG12, KD17, SBQ14].

carcinogenesis [SCW+11]. cardinal [LD10b]. cardiovascular [MBS+10].
cards [GLB13, RPL+14]. Carlo [ZTG14, AFIS12, ASGLK10, AK15, ABB+14, ASPDL+16, AIG16, Ano10o, AK13a, AK13b, AMJ18, BKV16, Bar11a, Bar12a, BDP16, BVP10, BG11, BMW14, BG13b, BLG14, Bon15, Bon16, BENK+17, CL11, CL15b, CKS10, CNS+14, CI11, DSHS17, DGPW11, DPK+15, Dem11, DDKM15, DKT14, EBDM17, ES11, FGGM11, FW11, FDWC12, GA15, Gin10, GSB+14, GWF+11, GB17, HKZN17, HBE10, HMR14, HP11, HW+15, Hua17, IUM13, JPSS10, JLA+14, JA17, KEL12, KEN14, KR13W, KC14, KKK+17, KNS+17, KSW15, KPVvdH13, LS14, LS15a, LS15b, LWL11, Lut15, MP11, MBRV+13, MRZ10, MEM+11, MW14, MHR+13, NPAD11, NH16, NSXZ14, NM14, OPO+11, OPSR13, OP14, PM14, RF16, RMS+12, RV10, RV11, SI11, SGLN17, SF11, SHT18, SMJ17, SD14, SKFP16, SLZ16, SSF+14].
Carlo [SKM15, SKSK13, TZG12, TVZ+15, Tic10, Tic14, TKP12, TU14, Toy11, TDL+14, UA17, Urb18, VK14, WRFS15, WDL11, WSTP15, WBS+18, WvSL13, WT12, WWVB11, WLZN17, ZBG+16, ZLM12, ZTG13, ZDD+13, dHGCS11]. Carlo-based [EBDM17, MW14]. carlomat [Kol14].
carlomat 3.0 [Kol15]. carriers [MSRL10]. Cartesian [BOGL17, FZY17, MAM14, NKS15, SD+12, SDS+17, SHL+11].
Cell [BOP17, DS11a, HZW+16, AM14a, BBP+17, BCP+16, CC14, CC15, DDB+18, DG16, JvOK17, KKG+15, KHK+11, LJE11, LY17, LWRQ16, MLK17, MKU+12, MEM+11, MTO15, PG17, QDZ+13, QL10, RKVL14, SSS+11, SC15, SC16b, SKK17, Sok13, VMFS16, WWC+16, WN10, W11, ZL16, M1C15, DCDM16, CHZ18, DS14, IBP+15, LK+16, PWW15, RD10, SV10, SBE+16, VKL11, VLM11, VLL+17]. cell-based [LWRQ16].
closed-shell [Faw10, MCA17]. cloud [CN5+14, JTW+17, JVR12, KCH18, VMVVH+17]. clouds [APC+14, JH11].

CLUMPY [BHN+16, CCM12].

Cluster [LX14, Smi14, BTC+17, CSPAD10, FLW17, GTH11, HLW16, JSLM16, KLP12, KSL+11, KO12, KO13, KO14b, Kom15a, Kom15b, Kom15c, KO16, KZ14, LMK+16, MCA17, MTM13, TZR13, XLCW14, ZSW+17b, LX14].

cluster-cluster [XLCW14].

Cluster-labeling [Kom15a].

Cluster-parallelizable [Smi14].

Clustering [HBP14, MKMK10, LLHC11].

clusters [BBF+13, BG13b, BG14a, BLG14, Bon15, Bon16, BRH+16, DRR16, DVCB+13, GSL17b, Gsw12, KSL+11, LHNC11, LSZY12, LS17a, RRCSCJ10, RD10, SKK11, SQL+10, VK14, YZZ+17, YHL11, YLYL17].

CMBE [GFJ+14].

CMistark [CFSK14].

CN [PYW+14].

CN-ICCG-FDTD [PYW+14].

Co [BKH11, EQZ+13, DS13c, TG11]. Coarse [GB11, AGVP10, AMJ18, ESM17, FPY+17, PA13]. Coarse-grained [AMJ18, ESM17, FPY+17, PA13]. Coarse-graining [GB11].

coated [CKLM10].

Code Saturne [Sha13a].

codes [BPP11, BFPP12, CYD11, FMRP16, HTH+16, KLV15, Kro16, LW14a, LZ17, LTP16, MIA+12, MNPY14, OLG+16, PMMF15, SSM+17].

coding [BBB+17a, CFCB12, FTT+14].

coefficient [BBB17b, PR13, PYW+14].

coefficients [ARYT17, CATK11, DT10, Dev12, HR11, Ixa12, KKS18, LZZL10, LKT+16, Moh14, ORCR17, PKT15, Shi16, VCD16, Wei99, Wit14, YCO15].

CoFlame [EZL+16].

coflow [EZL+16].

coherence [SSM+17].

coherent [BP12, CCXC15].

coincidence [WT12].

COKOSNUT [SCB17b].

collaborative [DBP+18, Liu14].

collapse [BNAB11].

collective
[GLR17, WR16]. Collider
[BBB14+, CKH11, EFG10+, BCP13, CFS13, YWW13, BSW12]. colliders
[BDC14+, BH13, CM14b, DDKM15, Gao13a, GLS13]. colliding [Lit13].
Collider [DDH17]. collisional
[ART17, BTM17, BO12, CYD11, HDZ14, NNWS15, RF16, SD10a, WSH14].
[BBB14+, CKB11, EFG10+, BCP13, CFS13, YWW13, BSW12]. colliders
[BDC14+, BH13, CM14b, DDKM15, Gao13a, GLS13]. colliding [Lit13].
Collider [DDH17]. collisional
[ART17, BTM17, BO12, CYD11, HDZ14, NNWS15, RF16, SD10a, WSH14].

Collier [DDH17]. collision
[ART17, BTM17, BO12, CYD11, HDZ14, NNWS15, RF16, SD10a, WSH14].
[BBB15, BKS15, SCM14]. Combining
[Laz15, SC16b, SKK17, GWF16, KPST15]. Comm
[AZ17a, Ber16a, KYKN15a, LR16, Ras17, RC16, RHBB15a, SGM11a, Sco13, SIMGC14, YQM14]. comment [Ram10]. Comments [San15, MR13].
common [Bar11b, Laz15]. Commun [ERS10c, Nat10, ZTG14].
communication [DO14a, KP12b, RSSH10, SCM13, TIM16, WLZ17].
Communications [Ano16a, Ram10, Wu10, Ano10a, Ano11b, Ano12a, Ano13a, Ano15a]. communicator [CBGY17]. communities [IBKK11, Kra10]. commutator [BCT17]. commutator-free [BCT17]. Compact
[DU12, MBGK11, BK16a, Cap13, DT10, FFT14, HZ11, LLX16, ILsSZ14, SR12, SA15b, SB11, TY10, Tia11, WZ13, XYS12, YTYA17, ZFH14, ZNT15]. Comparative
[VE12, JTN11, LHS14]. comparing [Gag12a].
Comparison [CMI10b, CDBM16, Fuh15, LYJ10, WLM14, BR13, CDS13a, CHC11, CS10, TBZ12, WG12]. comparisons [CHZ18, DGHW11].
compatibility [BS13a]. compensation [AAJA14]. competing [BSWC14].
Competition [MS11]. competitive [Dan11]. compilation [CW13].
compile [Vuk12]. compile-time [Vuk12]. compiler [LWC14, LW16].
Complete [FBG10, ACD14b, Boy15, sL10]. complex
[AQJ10, AC16, BGM14, BH14b, BH16, BFB13, BKM11, BH11, BDV11, CA11, CHDF10, CC10b, CC12, CGH11, DDH17, EKK14, FGG11, FHH14, GCH15, GYW10, HLS12, JJ15, JVM17, KS16a, KCS15, Lit13, LOV10, Mai12, MVJ16, MCNR16, NMCR15, NLSJ17, Nov17, PB16, SGW17, SA15b, Sol11, UIY11, UO15b, UO15a, VSG18, WZ13, WAHL13, ZMCT12, ZO18, BD14]. complexation [HB13]. complexes [Faw10].
complexity [BHVM15, YKS11]. complicated [AKR15]. component
[EL13, HLS17, TSM17, WLM14]. components [KCA15]. composite
[CKLM10, KP14, Pra11, Vuk12]. Composition [HJ14]. compositions
[RH11]. compounds [BSWC14, DMC15, LHWL16]. comprehensive
[CEZ16, SAHP15, VBG10]. compressibility [RH17]. Compressible
[FDZ17, ACM12, BOGL17, PVK17, TFB14, TCP13, XD16].

[GLR17, WR16]. Collider
[BBB14+, CKH11, EFG10+, BCP13, CFS13, YWW13, BSW12]. colliders
[BDC14+, BH13, CM14b, DDKM15, Gao13a, GLS13]. colliding [Lit13].
Collider [DDH17]. collisional
[ART17, BTM17, BO12, CYD11, HDZ14, NNWS15, RF16, SD10a, WSH14].
[BBB14+, CKB11, EFG10+, BCP13, CFS13, YWW13, BSW12]. colliders
[BDC14+, BH13, CM14b, DDKM15, Gao13a, GLS13]. colliding [Lit13].
Collider [DDH17]. collisional
[ART17, BTM17, BO12, CYD11, HDZ14, NNWS15, RF16, SD10a, WSH14].

Collier [DDH17]. collision
[ART17, BTM17, BO12, CYD11, HDZ14, NNWS15, RF16, SD10a, WSH14].
[BBB15, BKS15, SCM14]. Combining
[Laz15, SC16b, SKK17, GWF16, KPST15]. Comm
[AZ17a, Ber16a, KYKN15a, LR16, Ras17, RC16, RHBB15a, SGM11a, Sco13, SIMGC14, YQM14]. comment [Ram10]. Comments [San15, MR13].
common [Bar11b, Laz15]. Commun [ERS10c, Nat10, ZTG14].
communication [DO14a, KP12b, RSSH10, SCM13, TIM16, WLZ17].
Communications [Ano16a, Ram10, Wu10, Ano10a, Ano11b, Ano12a, Ano13a, Ano15a]. communicator [CBGY17]. communities [IBKK11, Kra10]. commutator [BCT17]. commutator-free [BCT17]. Compact
[DU12, MBGK11, BK16a, Cap13, DT10, FFT14, HZ11, LLX16, ILsSZ14, SR12, SA15b, SB11, TY10, Tia11, WZ13, XYS12, YTYA17, ZFH14, ZNT15]. Comparative
[VE12, JTN11, LHS14]. comparing [Gag12a].
Comparison [CMI10b, CDBM16, Fuh15, LYJ10, WLM14, BR13, CDS13a, CHC11, CS10, TBZ12, WG12]. comparisons [CHZ18, DGHW11].
compatibility [BS13a]. compensation [AAJA14]. competing [BSWC14].
Competition [MS11]. competitive [Dan11]. compilation [CW13].
compile [Vuk12]. compile-time [Vuk12]. compiler [LWC14, LW16].
Complete [FBG10, ACD14b, Boy15, sL10]. complex
[AQJ10, AC16, BGM14, BH14b, BH16, BFB13, BKM11, BH11, BDV11, CA11, CHDF10, CC10b, CC12, CGH11, DDH17, EKK14, FGG11, FHH14, GCH15, GYW10, HLS12, JJ15, JVM17, KS16a, KCS15, Lit13, LOV10, Mai12, MVJ16, MCNR16, NMCR15, NLSJ17, Nov17, PB16, SGW17, SA15b, Sol11, UIY11, UO15b, UO15a, VSG18, WZ13, WAHL13, ZMCT12, ZO18, BD14]. complexation [HB13]. complexes [Faw10].
complexity [BHVM15, YKS11]. complicated [AKR15]. component
[EL13, HLS17, TSM17, WLM14]. components [KCA15]. composite
[CKLM10, KP14, Pra11, Vuk12]. Composition [HJ14]. compositions
[RH11]. compounds [BSWC14, DMC15, LHWL16]. comprehensive
[CEZ16, SAHP15, VBG10]. compressibility [RH17]. Compressible
[FDZ17, ACM12, BOGL17, PVK17, TFB14, TCP13, XD16].
Compressive [HJL+14]. comprising [PDC14]. compromise [LGW13].

Comput [AZ17a, Ber16a, ERS10c, KYKN15a, LR16, Nat10, Ras17, RC16, RHHB15a, SGM11a, Sco13, SIMGCP14, YQM14, ZTG14]. Computation [ADH+17, AKH12, AD14, DLU18, DKOS14, Ihm12, JH15, LNP+17, Mi16, AB10, ACTP15, BT17b, Cai11, CMN12, CNMC10a, Che17, CGRB14, CK12, DG10c, DADS11, Fuk17, Gao13a, GLS+13, GLAC13, GBP13, GBD10, GST15, GST17, GA13, HR11, JC13, JC14, JU17, KCN18, KZ11, KP12b, KvdO11, Kol14, LPBH11, LV13, LM16, LLL12, LLL13, LAS+15, MSS+14, NHY15, PO14, RA13, Sai13, Sch14b, SDL+16, USOA13, WWS10, WISA11, Wie13, YdDH+12, ZZ17a, Zou18]. Computationally [ABB13, AL17, BBB+17a, BBC+13b, JAS17, MCGR11, NMS14, NFS15, RH11, SWS+12, WWR+16, YFAT17, BHNS17, BCP16, CL15a, Che11, CRC+13, GBS+16a, JOR+12, LHJ+15, LLX14a, MCM10, MCL13, MNR15, NVAFO18, PMS14, PMS15, RK11, RB15, RCD+10, Ros15, Sou14, WC15, ZTG13, ZTG14, dSVLP13]. computationally [DMC10].

Computations [Dan10a, Dan10b, BKS15, Bog16, Bre10, DS13c, GLW14, HKSW10, MKR+12, Naz12, NOR15, Wie15, YRR13, dALM+12]. compute [BH11, Boy15, HHP+14, PB16, RLS16, RW11, SSG+10, TTM17, Wei11a]. computed [FWS+17, MH18, SBvD13]. Computer [Ano16a, BRB12, FLW17, JWJL12, MSNI11, Ram10, Wu10, ABB+16, AG14, BJBC+14, BF16, CDSD11, CYD11, Cip11, DS14, DSS+12, Dev12, GRTZ10, HHM+15, JuIAM16, Lit13, LO14, MLW+10, MCM10, MFS10b, MZE13, MSS+14, OYK+14, PC17, DMH16, REtVH12, RT16, iSSM11, TJ17, Tab16, WRI16, WSO+12, Zhe15, ZMPT13, Ano10a, Ano11b, Ano12a, Ano13a, Ano15a]. 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, ADF+15, BBC+11, Gia14a, LSG+12, TCP13, Wai12, YE14a, ARAB+17, ARY17, ABDR17, Ara14a, Ara14b, BHW+12, CR13, CL14, CKH11a, CSR13, CL15b, ÇÖSÜ11, CRB+17, CNS+14, Dan10a, Dan10b, Dan11, DMC+15, DGST17, Eim16a, FBN+13, GXF+15, GST12, GHD10, GCVA14a, GCVA14b, HCH16, JTP15, JVR12, KDP+14, KO14b, KO16, KK17, LR18, LS17b, NFS15, PN13, PG10, Qia10, SDS15, Sahl13a, TKP15, TACA15, TGH+16, VPMVH+17, WX14, WGVPL17, YK18]. CONAN [LKT+16]. concentrated [BE14]. concentrations [DMC+15]. concept [Vuk12]. concise [KKG+15]. concurrency [Dan11]. Concurrent [Hah16, HWT10]. condensate [VBMS17]. condensates [CCW10, GM14, Hohl14a, JWC13, JLW13, MT13, TZM17, WX11, WX14]. condensation [Ker17, LCC11]. condensed [Jab17, MBK+11, ONS+15, SBH+14]. condition [PN15, SCNJ18, WLU11]. Conditions [KFF+16, KPPC13, BMHP17, CCHL11, DGG13, EY11, FJK+17, HSD17, JYPA18, Jiw15b, LWZ14, LLL12, LHWL16, LS13, MD11a, MRVI13, Mil16, NPM16, PLCC12, Qia17, QC+10, RC13, RC16, RHH12,
HDM$^{+12}$, Ixa$^{10}$, JEC$^{+12}$, JKIS$^{16}$, KAK$^{12}$, KL$^{11}$, KO$^{14b}$, KO$^{16}$, KMJS$^{16}$, LHJZ$^{10}$, LHC$^{+13}$, LX$^{14}$, LKW$^{11}$, MGL$^{13}$, MGO$^{13}$, MCP$^{+11}$, NHD$^{16}$, PR$^{10}$, PCGM$^{14}$, Qia$^{17}$, RKVL$^{14}$, RF$^{15}$, RS$^{12}$, RAV$^{11}$, RJLL$^{16}$, RBH$^{15b}$, SBH$^{+14}$, SW$^{14b}$, SA$^{15b}$, SKK$^{11}$, SW$^{11}$, TMA$^{+15}$, TY$^{10}$, TKL$^{+12}$, TM$^{+16}$, TPC$^{16}$, VLM$^{11}$, WNY$^{17}$, WMRR$^{17}$, YLKN$^{17}$, YTYA$^{17}$, ZXL$^{16}$, ZZD$^{+16}$, ZSW$^{+17a}$, SW$^{14a}$. D-3V [CC$^{14}$]. dam [YS$^{17}$]. damage [MBRV$^{+13}$]. damped [DZ$^{13}$, Eba$^{13}$]. damped-relaxation [Eba$^{13}$]. damping [MD$^{11a}$, SS$^{11a}$]. DAMQT [LRR$^{+15}$, LRR$^{+17}$]. Darboux [Add$^{14}$, ACd$^{15}$, Add$^{15}$]. dark [BBB$^{+11}$, BBPS$^{14}$, BBPS$^{15}$, BN$^{+16}$, CCM$^{12}$, HTY$^{17}$]. Darwin [CC$^{14}$, CC$^{15}$]. dash [SCG$^{11}$]. Data [BCJ$^{+11}$, Car$^{10a}$, DPK$^{+15}$, KST$^{+14b}$, XLCW$^{14}$, AAA$^{+16}$, Ano$^{10b}$, Ano$^{11a}$, Ano$^{11o}$, BDKS$^{10}$, BALV$^{16}$, BG$^{13a}$, BBV$^{10}$, CL$^{15a}$, Car$^{10b}$, CMSV$^{14}$, CO$^{11}$, DRUE$^{12}$, DDK$^{+15}$, DADS$^{11}$, ECD$^{+10}$, End$^{11}$, Fer$^{15}$, FCC$^{15}$, FWS$^{+17}$, GMRHRCME$^{13}$, GTL$^{+17}$, GdGB$^{+18}$, HBP$^{14}$, Hir$^{15}$, JTH$^{14}$, KFF$^{+16}$, Kom$^{15b}$, MW$^{12}$, MGO$^{13}$, MD$^{10b}$, MM$^{11}$, MGFRG$^{12}$, MGR$^{16}$, dRL$^{11}$, PCVZ$^{11}$, PG$^{17}$, RMW$^{13}$, RSSH$^{+10}$, SEW$^{12}$, SEW$^{14}$, Shi$^{16}$, Sin$^{11}$, Sin$^{12a}$, SAS$^{11}$, SOJ$^{14}$, SSF$^{+17}$, TRM$^{+12}$, Var$^{16}$, WMK$^{11}$, YG$^{12}$, ZSW$^{+17a}$, Zlo$^{14}$, dBC$^{14}$. data-assisted [GTL$^{+17}$]. data-sharing [TRM$^{+12}$]. Database [RPB$^{+15}$, BDT$^{15}$, LL$^{15}$]. datasets [CKT$^{17}$, WvSL$^{13}$]. Davey [GML$^{15}$]. Davidson [HLW$^{16}$, ZHC$^{16}$]. DBpedia [ZLP$^{17}$]. DBSR HF [ZF$^{16}$]. dd [CFSK$^{14}$]. DCDEM [CCD$^{+16}$]. DD [CDS$^{+13b}$]. DD-HMC [CDS$^{+13b}$]. dealloying [ZDD$^{+13}$]. Decay [APV$^{10}$, ADF$^{+15}$, BGM$^{+14}$, CDL$^{+12}$, Gin$^{10}$, LMAB$^{16}$]. decays [AC$^{17}$, CGV$^{13}$, CCN$^{17}$, DET$^{12}$, DG$^{11}$, ES$^{16}$, FEH$^{11}$, HEF$^{12}$, WT$^{12}$]. decimation [US$^{16}$]. decomposition [AS$^{13}$, APC$^{+14}$, BS$^{15a}$, BS$^{15b}$, CECG$^{16}$, CH$^{11a}$, DO$^{14a}$, DO$^{14b}$, GFW$^{+16}$, JU$^{17}$, JKIS$^{16}$, KU$^{10}$, LH$^{16}$, MCL$^{+17}$, QL$^{10}$, San$^{15}$, TD$^{14}$, WM$^{13}$, ZHC$^{16}$]. decompositions [FRG$^{12}$]. decoupling [SS$^{12}$]. dedicated [MH$^{11}$, Pat$^{12}$]. deexcitation [RLS$^{16}$]. defect [DMC$^{+15}$, HWW$^{12}$, MBV$^{+13}$, OO$^{15b}$, OO$^{15a}$]. defects [CLC$^{14}$, LZ$^{18}$]. defined [ASPDL$^{+16}$, Sza$^{13a}$, WWS$^{10}$]. definition [CNM$^{10b}$, DADS$^{11}$, Vuk$^{12}$]. deflation [NLSJ$^{17}$]. deformation [RT$^{+15}$, Wit$^{14}$, ZC$^{12}$]. deformation-fluctuation [ZC$^{12}$]. deformations [MAM$^{14}$, MLK$^{+17}$, OK$^{14}$]. deformed [GC$^{13}$, GC$^{18}$, PSL$^{+17}$, PUO$^{14}$, SDM$^{+12}$, SD$^{+17}$, SS$^{+13}$]. Degasperis [HDZ$^{14}$]. degenerate [AAD$^{13}$, AAT$^{17}$, KGNS$^{10}$]. degree [BCDP$^{18}$, Er$^{14}$, TK$^{14b}$, UNK$^{12}$]. Delaunay [FLP$^{10}$, GMH$^{11}$]. delay [DS$^{10}$, LTP$^{+17}$]. delayed [DDM$^{14}$, JH$^{14}$, LL$^{15}$, ZTG$^{13}$, ZTG$^{14}$]. delayed-choice [DDM$^{14}$]. delocalization [HW$^{11}$]. Delta [SCM$^{+18}$]. Delta-plus-SPH [SCM$^{+18}$]. demand [CLH$^{+17}$]. dendrite [ZKG$^{+18}$]. dendritic [JEFP$^{14}$]. dense [BMC$^{+11b}$, MSZ$^{11}$]. densities [BR$^{14}$, Gjo$^{14a}$, GZW$^{17}$, SHZ$^{13}$]. Density [GSI$^{17a}$, NJS$^{17}$, VCMS$^{+13}$, ASA$^{18}$, AKZ$^{+13}$, AG$^{14}$, AM$^{10}$, AM$^{11}$, AM$^{17}$, BBH$^{11b}$, BCH$^{17}$, BR$^{13}$, BSG$^{10}$, CDT$^{10}$, CXH$^{+15}$, DSM$^{+11}$, Dua$^{12}$, GWL$^{+17}$, GR$^{+14}$, Gjo$^{14a}$, GCP$^{+15}$, HYM$^{11}$, HHS$^{+10}$, JCW$^{+13}$, KT$^{12}$, KCT$^{15}$, KK$^{16b}$, KSYY$^{13}$, KXH$^{15}$].
density-based [SSX14]. density-functional
[GBR14, MGRB11, MC17, SCRS17, SA14, TVGB15, VBS17, VgS18, VvAV11b, VvAV11a, WLGY18, Wit14, WPAV14, XLL15, XNL15, YLYL17, YRR13, BC10, DBB12, GS17b, LT15].

Li15a, LW13, LS11, LRR15a, LRR17, MGRB11, MOB12, MSS16, Mil16, MNPy14, MC17, NPa11, NBN14, OOK12, OT11, QF16, RHC15, RCH16, RGH10, RWKS15, SH12a, SCRS17, SSX14, SBH12, SAHP15, SA14, TVGB15, VBS17, VgS18, VvAV11b, VvAV11a, WLGY18, Wit14, WPAV14, XLL15, XNL15, YLYL17, YRR13, BC10, DBB12, GS17b, LT15].

dependence [SAHP15]. dependencies [Kan14].

Derivation [CWS14, BENK17, HB12, Miy15]. derivations [ZZ17a].
derivative [RVA14, SK10, SAHP15]. derivatives
[GCVA14b, KTB17, KCA15, LWZ14, MDHD18, NS15, PB16, WWS10].
describing [ASTT16, BDKS10, HJ14].
decreasing [EY11].
depinning [SLZ16]. deployment [HKK11].
deposit [YXT15, Lit13, LO14].
deposition [BT17, RH11, VLL17, ZLFM11].
derivation [CWS14, BENK17, HB12, Miy15]. derivations [ZZ17a].
derivative [RVA14, SK10, SAHP15]. derivatives
[GCVA14b, KTB17, KCA15, LWZ14, MDHD18, NS15, PB16, WWS10].
describing [ASTT16, BDKS10, HJ14].
determinantal [Zou18]. determinants [USOA13].
determination [BR13, BHVMH15, JK13, JMG17, MD10b, SBB17, Ver16, VvAV11b, WG16a].
determinations [BCH17]. determine [BSWC14]. determined [RU13].

Development [Dan10a, Dan10b, GdB18, HF16, HCHW11, KYKN15a, KYKN15b, LH12b, OILK17, QL14, SCLW16, SY17, S14a, S14b, SH11, YL17, ZKG18, DBMR18, Gio14b, HvAS13, HVMR10, HKMR10, HKR11, UT14]. developments [GJA16, LOSZ13, SMO16a].
devoted [Org15].

DeWitt [SmDONF14]. DF [LAA10]. DFMD18 [GC18].

DFT
[BD11, DSW15a, DM14b, DO14b, HM17, KST14a, SW13a, VCS13].
DFT-calculations [VCMS+13]. DFT/LDA [SW13a]. dftatom [CPV13].
diagnostics [BRL12, MGA+13]. diagonal [IH11]. Diagonalisation [MKV11, OILK17].
Diagonalization [NLSJ17, CL10, SA15a, SH12b, SH16, TC12]. Diagonalizing [War16].
Differential [TACA15]. Difference [AAD13, ACTP15, BMNS14, CW16, DT10, DM17, DJ12, DSP10, FNPMB10, GS17b, GS17a, GA10, GB14, HE13, Hsu11b, HZ11, Kob13, LD10a, LV15, LLK16, LYX+17, MSS+16, MBFD12, ICD13, ON14, OWS+14, Ram14, RC13, RC16, SP16, TT14, Ter17, TMA+15, TYH+15, TCP13, VLPMM14, VDB14, VV16, WZ13, Wit14, XYK12, YXT+15, YTYA17, YQM12, YQM14, MCM+12].
Difference-collocation [LD10a]. Difference-FFT [YXT+15]. Differences [PVK+17, SCG11, UA17].
Differentiating [PTMDPK14]. Different [CBS13a, DN13, MJB11, TRM+12, XLX+15]. Differential [BKK13, BKM14, BK15, BK16b, DSW15b, PTS12, APV10, AddM12a, AddM14, ACDvM15, AddMN16, DGT17, DSP15, FSJ+16, FBHB17, FF11, GJ14, GM17, GCVA14b, HJ14, IH11, Jan10, JK10, JC13, JC14, JPM12, Jw15b, KD17, KBSP12, Kra10, LLL12, LLL13, sL10, MJB+10, MZE13, NO12, Ras09, Ras17, RBB15, VBC+12, VJC12, WYSW10, WT15].
Differentiation [CL15a, CD15, Cha16, GHR+16, HAV+14, SF10, VKS16, YB13, vH10].
Differentiator [LZLL10]. Diffraction [FNPMB10, GGT+17, MSPD12, WG16a, WS11a]. Diffractive [FNPMB10].
Diffuse [GN10, XD13, XHD15]. Diffusion [BMW14, BO12, CATK11, CB15b, CMdB11, CM14a, DJ14, EZL+16, GA10, GN14, HJ14, HZ11, MBRV+13, MF15, MS11, Pla16, SCM14, SL14, Tau10, Tia11, WXW14, WFV14, YQM12, YQM14, ZSW+17b, BR11, KmVo14, MNPF17].
Diffusion-controlled [Pla16]. Diffusion-convection [GA10].
Diluted [SF11]. Dim [GMF+17]. Dimension [AddM+12b, BNAB11, Ein16a, EGPS10, GFB+10, GGF+13, LKT+16, RU13].
Dimensional [AG14, ASS13, AH13, BT17a, BDP16, BC11, CZD15, Cap13, CAN11, CS16, CJH11, CLJ12, CC15, CW16, CHC+11, CC10b, CC12, CR12, CWW12a, CWW12b, CHZ18, Dan14, Dan16, Dan17, DG10b, DS11b, DM17, DS13c, Dua10, DO14a, DO14b, FFT+14, Fen12b, dAFdSVM12, Fl13, }
GTPWL12, HHC+10, HLW16, HCSW10, JEFPI4, JWCIW17, JPM12, Kap12b, KHB14, KS16a, KKP11, KP12b, KYKN15a, KYKN15b, KH12, KO12, KO13, KS12, KRB15, KMA+12, LJSW11, LLWK17, LWL12, LST15, LLK16, LHH+12b, LLX14b, LR13, LR16, MEM+11, MKR+12, MSZW11, MNF17, Müü14a, Naz12, NAQ16, PBE14, QA13a, Qia16, QLE16, RtV16, Rei11, Rei12, RHC15, RCH16, RGKR17, RWKS15, SFP11, SÖÖN11, SCLW16, SLR16, SDJ+12, SJW10, TD14, TT14, VK14, WC10, WWC+16, WvSL13, 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, MFS10b, AL17, BB15, BW12b, BBF+10, CPV13, FGLB12, HP14, KCT15, PB16, STK10, SP16, Sta13, TKS10, ZF16, dHV10]. **Direct** [LLZ+17, SKH+10, Wei11a, BCM+16, CDS13a, GJ13, LOK+16, LSK+13, ML16, OP12, WBS+18, WAW14]. **Direct-MPI** [WAW14]. **direct-sum** [GJ13]. **directed** [FLP10, QHC+10, dSLF13]. **direction** [LST15, LSK+13, NO14, TT14, XYK12, XZ12]. **directions** [Hal17]. **directive** [BCG+15]. **directive-based** [BCG+15]. **directly** [Kon11, Sco13]. **DIRHB** [NPVR14]. **Dirichlet** [RC16, HSD17, Jiw15b, RC13, RHH12]. **disaggregation** [Bis15]. **disc** [Lan13]. **discharge** [CHA+11, LHH+12a, UBR10]. **discharges** [FK12, HCHW11, KRB15, KSY13, SVG10, SBL16]. **disciplinary** [WSH+12]. **disconnected** [ACD+14a, BCS10]. **discontinuities** [DR12]. **discontinuous** [EW14a, Ein16a, HLLH16, HWS16, LLP15, LLMW17, MAZ13, WP10b, YW11]. **discovery** [LCR10]. **discrepancy** [VL+12]. **Discrete** [CR12, EW16, AGM15, ELDS14, GMRHRCM13, GMPFC+14, GJHF14, KV10b, LCH11, LLY+17, MD10a, NMS14, RTAT15, SL17, SWL+15, Sza13b, Sza13a, Sza16, ZAHA10, EW14b, EGGW12]. **discrete-dopant** [LCH11]. **discrete-element** [RTAT15]. **discrete-time** [GJHF14]. **discretization** [CDBM16, DM17, DJ12, MLS10]. **discretized** [HLLH16, JYPA18, LHC+13]. **discontinuity** [S10]. **discussion** [Nem16]. **disks** [TACA15]. **dislocation** [DZ15, MTS+16]. **dislocations** [PE17]. **disorder** [ABC14, TK12]. **disordered** [CLJ12, CRNK12, CZ14, Dan10a, Dan10b, JA17, LZZ11]. **disperse** [Sie16]. **disperse** [BSK+18, FMW10, JL10, Kon11, LKA+16, MF13+13, PSB11, PSBT12, Sco13, SB11, sX14, vMB14]. **dispersion-free** [LKA+16]. **dispersions** [ZZ17b]. **dispersive** [CW16, GAO13b, HLW16, Ram10, Ram12, Ram14, WWHW14]. **displacement** [UW12]. **displacements** [SL15b]. **dissemination** [LHC+13]. **dissipation** [PD10]. **Dissipative** [JBK15, ASPW13, BTL+17, CCWL11, FDZ17, GAHP15, GTS14, MDPTC17, MNC15, TK14a, TD17, WX13, WXY+14, YLQ+17, BJM15, LBM+14, MDPTK15]. **dissolution** [XHLM12]. **distance** [PDC14]. **distances** [Raw15]. **distant** [Ste17]. **distant-dependent**
Distinct [Cro16]. Distorted [Bad11, HK15]. Distributed
[GHdF10, AM14a, BKS15, CL15b, GB11, GBS+16a, IW15, MV11, OLG+16, SOJ14, WMK11, WC13, WAW14, YG12, RPB+15]. Distributing [HWT10].

Distribution
[CGO17, AMR15, Ber14, BDBV12, CMR17, DCC+10, DSM+11, DRR15, FSF11, FP14, FCC15, Fuk17, GST15, Hef+11, wHwH11, LS14, LSDD14, LN16, MST+18, PN15, PM13, Ram10, SS11a, SSP16, VKLM11, Yan09].


documentation [DNP+12, DPW16, KL15]. doing [GLMG12]. Domain [BS15a, IBP+15, ASPW13, APC+14, BS15b, BNO17, CW16, DO14b, FRG12, FNPMB10, HJH17, HE13, HC16, HC17, HKvH16, Hsu11b, Ju17, Kap12b, MBFD12, IC13, MCL+17, Oti13, QL10, Ram14, SGM18, SW12b, TD14, TT14, VDB14, ZLL13, ZHC16, HKF+12, MCM+12].

domains [Bot13, DS13a, JYPA18, KSW12, OOK+12, SNB11, SK15].

dominated [Kau13]. dopant [LCH11, SD14]. doped [KAR+15, NS11b, SQL+10].

Doppler [MGA+13]. Dose [RMS+12]. dosimetry [ACdS13].

dot [BMNS14, CL10, KPK+17, YÇÖ+15, ZHC16]. dots [Den10, GWL+17]. 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]. Dr [OTC14]. DRA [LM16]. drag [RC15].

drainage [GTSL+13]. DRED [SV12]. DREG [SV12]. Drift [DOP17, CEP18, DJ12, Evs14, SISW10, YXM+13]. Drift-Asymptotic [DOP17].

drift-diffusion [DJ12]. drift-kinetic [CEP18, Evs14, SISW10]. drive [MT14]. Driven

[Dan10a, Dan10b, BJBC+14, CHC+11, De 11, GBL11, GAB+16, Hin11, HJL+14, IBK11, LDW13, LHH+15, Mil12, MS11, RHHF12, VPM12].

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

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

DSMC [JvOK17, OCF10, TKL+12]. dsmcFoam [WBS+18].

dual [CBGY17, DG10a, VvAV+11b, YB13]. DualSPHysics [CD15].

duct [ZT15]. due [Cip13, Eme11, TW11, YXM+13]. dugksFoam [ZCG17].

Duo [YLTS16]. duplicate [LZ12]. during

[Gai17, GTSL+13, XLX+15, YK18, ZBM11]. dust [HCRD14]. Dyck [Bra15].

dye [HG13]. Dynamic

[ALS16, Bar12a, DSHS17, FRG12, SJ17, SUS+17a, SKSK13, AGMS15, Bar11a, BS15b, CD12, DF11a, DGMZ15, HST+11, JOR+12, PE15, Sus17b, Sva12].

Dynamical [KLKR11, LLHC11, AG14, ADdM+12b, ACDdM14, BVC13,
BG11, Dan11, DT11b, Er14, KP12a, Ki11, LS16, LMAB16, TTS11]. **dynamically** [CFCB12]. **Dynamics** [AS16, AD15, DRR15, wHwH11, JBKM15, MDPTK15, Ngu17, SBPN15, TD17, WWR+16, ADD+11, ASPW13, BSI14b, Bar11a, Bar12a, BPM11, Bin13, BTL+17, BG14a, BWPT11, BKPT12, BY13, BCG+15, BBV+16, BENV+17, CTF17, CMM14, CLLL11, CXH+15, CKS10, CH11b, DCM+12, Dat13, DLGP10, DEW16, DT11b, DHR14, DS13b, ENEO15, ESM17, FSH13, FCVH17, FRG12, Fill14, FHH11, G11, GM11, Gio14b, GLR17, GNA+15, GHP15, GTS14, GH15, Has11, HST+11, HRC11, HG13, HYM11, HXW+13, HLZ+13, HBB+17, HWL+17, HM10, HM17, HDM+12, JWL13, JPH+14, JNN12, JNN13, JSL16, KST14a, KDM11, Kon11, KK17, KS15, KCS+15, KR14, KSY17, LGW13, Leó12, LS12b, LH11, LK15, LLZ+17, LBR+18, LSF+14, LDF+16, LSI17a, MDW16, MIW+13, MDPTTC17, MM17, MTSI11, Miu11, MNC15, MKH+11, MS11]. **dynamics** [NBM+15, NBW16, NPAG11, iNSK+15, ÖKC11, OKM12, OYK+14, PR14, PLCC12, QL10, QLE16, RC15, Rap11, RSF18, RBB15, SV14, SGM18, SBH+14, SL17, Sco13, SCR17, SOM+13, SMO16b, SKM15, SYE+18, SAG13, TK14a, TSL17, TSTT13, TS11, WC10, WX11, WX13, WX14, WSI13, WSH+14, YW17, YHCS11, YLQ+17, YK12, Zag14, ZHZ18, ZS13, Zhe15, ZPv16, BJ13, BHND16, DLGP10, LBM+14]. **dynamics-based** [ZS13, Zhe15]. **DynaPhoPy** [CTT17]. **Dyson** [HB12, HM12b].

e-infrastructures [GBS+16a]. e-Science [LSJ13, CKhN11]. E6Tensors [Dep17]. early [SCW+11]. Earth [MPS13]. Easy [DEW16, Sou14]. **EasyFeynDiag** [XW15]. EBT2 [ACdS13]. **EC** [MPS13]. ECE [MPS13]. ECOM [LC15]. ECPSSR [BPC12, Cip11]. ECR [MPS13]. ecs [BH16]. eddy [TMM13]. edge [BMU11, FRFH10, FR15, LDR+17, SCB+17a, SPY11, ZDM17]. Editor [Sco13]. Editorial [Sco16, Ano10b, Ano10c, Ano10d, Ano10e, Ano10f, Ano10g, Ano10h, Ano10i, Ano10j, Ano10k, Ano10l, Ano10m, Ano10n, Ano11a, Ano11b, Ano11c, Ano11d, Ano11e, Ano11f, Ano11g, Ano11h, Ano11i, Ano11j, Ano11k, Ano11l, Ano11m, Ano11n, Ano12a, Ano12b, Ano12c, Ano12d, Ano12e, Ano12f, Ano12g, Ano12h, Ano12i, Ano12j, Ano12k, Ano12l, Ano12m, Ano13a, Ano13b, Ano13c, Ano13d, Ano13e, Ano13f, Ano13g, Ano13h, Ano13i, Ano13j, Ano13k, Ano13l, Ano14a, Ano14b, Ano14c, Ano14d, Ano15a, Ano15b, Ano15c, Ano15d, Ano15e, Ano15f, Ano15g, Ano15h, Ano15i, Ano15j, Ano15k, Ano15l, Ano15m, Ano15n, Ano15o, Ano15p, Ano15q, Ano15r, Ano15s, Ano15t, Ano15u, Ano15v, Ano15w, Ano15x, Ano15y, Ano15z, Ano16a, Ano16b, Ano16c, Ano16d, Ano16e, Ano16f, Ano16g, Ano16h, Ano16i, Ano16j, Ano16k, Ano16l, Ano16m, Ano16n, Ano16o, Ano16p, Ano16q, Ano16r, Ano16s, Ano16t, Ano16u, Ano16v, Ano16w, Ano16x, Ano16y, Ano16z, Ano17a, Ano17b, Ano17c, Ano17d, Ano17e, Ano17f, Ano17g, Ano17h, Ano17i, Ano17j, Ano17k, Ano17l, Ano18c]. Editorial [Ano18a, Ano18b]. 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, CFSK14, Kri12, OCL+13, QHZ+14, SWL11, SDJ+12, WBY11]. Effective
DCC$^+$10, Dua12, FUSH14, Gai17, GGGH14, GH11, Hoh14b, Ihn12, IUM13, JA17, JGAL$^+$13, JH15, KEH12, KK14a, KCA$^+$15, Kol15, KA17, LSF14, LRW$^+$15, LZZ11, Lit13, LB10a, LRR$^+$15, LRR$^+$17, MH17, MSPD12, MJKB18, NBM$^+$15, NPM16, NGM$^+$10, ONS$^+$15, PM16, PBE14, PR10, PR12, RF16, RCGT16, RSF18, STT11, SW14b, SNG$^+$11, SD14, SS11a, SAHP15, TVGB15, TO10b, WS11a, YC015, YW17.

**electron-atom** [BH17, CYD11].
**electron-electron** [DCC$^+$10].
**electron-loss** [Lit13].
**electron-molecule** [ART17].
**Electron-phonon** [PMVG16, CGRB14, KA17, NGM$^+$10].
**electron-positron** [GGGH14, Kol15].
**electron-repulsion** [TO10b].
**electron-surface** [CL11].
**electron-transfer** [NBM$^+$15].
**electron/hole** [Dua12].
**Electronic** [BDPM15, CJH11, CSL$^+$13, GZL14, THJ$^+$10, WWL11, BC10, Bjo11, CLC14, Cor14, DO14b, FZ16, GWL$^+$17, GCP$^+$15, HKSW10, HCC14, JWCW17, KKS18, LCY$^+$11, LZP12, LSK$^+$14, MED11, MNPY14, MC17, PVK$^+$14a, PVK$^+$14b, PSP16, RJKC16, SS10a, TMA$^+$15, TC12, TG11, YFAT17, zYCG$^+$18, YG12, ZDD15, XNK$^+$16].
**electronic-structure** [MED11].

**electrons** [Aza13, BH14a, BH14b, Jab17, KTB17, KQYH17, MDF11, NNWS15, OOK$^+$12, RS12, Sit18, SLEF17].
**electroosmotic** [SS11c].
**electrophoresis** [SS11c].
**electrophysiology** [MFM15].
**electrospinning** [LPC$^+$15].
**Electrostatic** [VPM16, BBL$^+$13, CB12, FKB12, GB11, HZW$^+$16, KK14b, LRR$^+$17, MCWJ15, SGDS16, YLQ$^+$17].
**electrostatics** [CBB14, LCHM10, LCHM13, YKB$^+$11].
**elegant** [YLYL17].
**Element** [FHTO17, BKOZ16, BCM$^+$16, CMC$^+$15, CAN11, CT15, CRA10, EKDGG15, GML15, GBP13, GIW14, Ham11, IP14, JTH14, KMD12, Kol15, KM17, LW14a, LHZ10, MLS10, NMS14, Oti13, OVS15, OT11, PS11, RS12, RVD16, RTAT15, SW14a, SDO15, Sha13b, Sha16, SBH$^+$12, TXL15, VDA16, WP10a, YRR13, ZRO13, Hak16].
**element-spectral** [LW14a].
**elemental** [HW12].
**elementary** [FBG10].
**elements** [ABB$^+$16, AC13, Arb12, CCHL11, CK12, CBB14, FNMB10, HS14b, LA13, MSRL10, PO14, Sar17a, Sar17b, SD10a, USOA13].
**eliminate** [HHT14].
**eliminating** [SCM13].
**Elimination** [MBFB13, YXQ$^+$15].
**ellipses** [SC14].
**elliptic** [Boy15, GCVA14b, MCL$^+$17, PS11].
**elliptical** [Hal17].
**ELMAG** [KOT12].
**ELRADGEN** [AFIS12].
**ELSI** [zYCG$^+$18].
**Embedded** [BM13, RHH12, DFM$^+$15, Duf16, MKL17, PS14, PP13].
**embedding** [QJF16].
**Emden** [CB13b, KMM13, PDR10].
**Emergence** [dSVLP13].
**emerging** [DS14].
**emission** [ABB$^+$16b, CL11, EZBA14b, LSF14, LL15, ZLM12].
**emissions** [VDJ$^+$11].
**Employing** [Mis13, GX15, JuIAM16].
**EMUstack** [SDL$^+$16].
**enabled** [LYP14, VPMVH$^+$17].
**Enabling** [DSW$^+$15a, ECD$^+$10, ESM17].
**encapsulation** [DRUE12].
**enclosure** [CAN11].
**encoding** [CMSV14].
**encounters** [HLS12].
**end** [PPY14].
**end-point** [PPY14].
**energetic** [PCGM14, TJH17].
**energies** [DT11b, Gen10, GFJ$^+$14, GBJ$^+$15, Kol15, RJ12, TKP15, ZMCT12].
**Energy** [AAA$^+$16, AK15, BvH15, CMR17, MGL13, RT16, AG14, BM$^+$11a, BT17a,
BDKS10, BH14a, BH14b, BUJ15, BKA⁺¹⁴, BIT12, CLH⁺¹⁷, CDTV10, CHDCJA17, CC14, CC15, DCC⁺¹⁰, DGWP11, Den10, DR12, DFM⁺¹⁵, Duf16, Eme11, ECSH16, FGGM11, FS17, FZY13, GBD10, GZW17, GCVA14a, Hah12, Hoh14b, HEPW13, HS16, JPCG15, KTB17, Ker17, KAR⁺¹⁵, KK14a, KCA⁺¹⁵, Kra11, LAA⁺¹⁰, LCY⁺¹¹, MD10a, MDHD18, MSPD12, MMT⁺¹¹, Miy15, NRSVW12, PB13, PPL⁺¹⁴, RFP⁺¹⁷, Rom15, SSF⁺¹⁴, SA14, TM14, TVGB15, TS10, UA17, WRFS15, WS11a, WX13, WX14, WP10a, Wic15, Wil15, YZ16, ZPH⁺¹⁵, ZZD15. energy-[CC14, CC15]. energy-based [WP10a]. energy-conserving [DCC⁺¹⁰]. energy-dependent [Ker17]. energy-invariant [MDHD18]. energy-preserving [Che11]. Engine [GBJ⁺¹³, CJJ⁺¹⁷, DR1⁺¹⁶, GBFJ14, GBJ⁺¹⁵]. Enhanced [BHNS17, CHDCJA17, Rap11, JTP15, PLD15]. Enhancement [VCMS⁺¹³, CLY11, EGGW12]. ENO [AAD14]. ENO-flux [AAD14]. Ensemble [TDL⁺¹⁴, BALV16, BG13a, GA15, MMO⁺¹⁷, MHR⁺¹³, PA13, ZKW⁺¹⁵]. ensembles [CRNK12, FD13, MJB11]. entanglement [RLL12]. enthalpies [ZZH⁺¹⁶, ZMCT12]. entire [We11a]. entropies [ZMCT12]. Entropy [TW11, CHDF10, Les16, LLG17, PE17]. entry [JXTS16]. enumeration [CS16]. environment [CPW17, G10b, JVR12, SUS⁺¹⁷a, WP10a]. environmental [GMPFC⁺¹⁴, KKS18]. EnvironmentalWaveletTool [GMPFC⁺¹⁴]. environments [FS17, NMCR15]. EPCM [PS14]. epidemic [CF17]. epsilon [GM17, GS14, HL13, Pra17]. Epstein [Ram10, Yan09]. EPW [NGM⁺¹⁰, PMVG16]. eqtools [CFW17]. equality [ON11]. Equation [LB10b, AL17, Asi10, BB15, BALV16, BK16a, BAR12b, Bot12, BMBC⁺¹⁷, BB13b, CWS14, Cap13, CVK⁺¹⁷, CZS10, CC10b, CC12, CHZ18, DG10a, DS11b, DZ13, DGST17, DSP15, DM12, Eba13, Ex17, Fil13, FGLB12, FGG11, GS15, GVS⁺¹⁵, GA10, GG16, GTG⁺¹¹, GCVA14b, HLS⁺¹⁷, HP14, HC16, HC17, HWS16, HM12a, HAK⁺¹⁴, HJ14, HS14b, HH11a, HDZ14, HCSW10, Ixa10, Ixa12, JC16, JL10, Jiw12, Jiw15a, KL17, KH12, KN13, KBSP12, KP14, KR14, KYSV⁺¹⁵, LD10a, LD10b, LV14, LZZL10, LS12a, LCKM14, LLXK16, Lin13, LBB⁺¹⁶, LYY⁺¹⁶, LY16, MC16, MGL13, MGL⁺¹², MC12, MLS10, ML14, MA11, MM10, MM12, MKJB18, ÖN12, OILK17, ORS⁺¹⁴, OAKS11, OK14, PSS11, PSBT12, PAS11, PR13, PM16, Pla16, QSC14, RMI0a, RBHH15a, RBHH15b, STK10, iSYS12, SSB⁺¹⁶, SP16]. equation [SSH⁺¹³, SD10b, SA15b, SB11, SLEF17, TKS10, TT14, Ter17, TY10, TH17, UNK12, VDAH16, VVB⁺¹², XZ12, YZ16, YK18, YSVM⁺¹⁶, YSM⁺¹⁷, ZFH14, ZSW⁺¹⁷b, ZDWM17, ZST11, ZCG17, d14, dHV12]. equations [AAD13, ACCB13, APV10, AB13, AD14, AD15, ABDR17, AG12a, ADdM12a, ACDdM15, AdMdM15, BS13, Bar11b, BKOS16, BCT17, BK11b, BB10, BB13b, BAK⁺¹⁵, BAK⁺¹⁶, BAK⁺¹⁷, BH⁺¹², BZD15, CR13, CDTV10, CB13b, CSJ⁺¹⁷, CKK⁺¹³, CBB⁺¹⁰, CM14a, CEF16, DT10, DT11a, DN13, DJ17, DJ12, Dem13, DHJ13, DJ14, DSP15, ENEO15, EW14a, FDZ17, FBHB17, FF11, FSC13, Fon12, GML15, GJ14, GJLB12,
GM17, GX15, HLLH16, HK12, HHC+10, HB12, HM12b, HCHW11, IH11, JPSS10, JK10, JC13, JC14, JYPA18, Jiw15b, JSLM16, Kan14, KMM13, KD17, KO14a, KZC+10, Kra10, KLC12, LWZ14, LLP15, LST15, ILSZ14, LLL12, LLL13, SL10, LSSW14, MDHD18, MJB+10, MWCY14, MZE13, Moh14, ICD13, MNO011, NO14, NO12, PKT15, PDRG10, PTS12, PSL+17, PE15, QYM11, QA13a, Ras09, Ras17, RBB15. **equations** [SDM+12, SDS+17, SK15, SW14c, SCLW16, SMdONF14, Sta11, SSK+13, SL14, TD14, Tia11, TYH+15, VSO+13, VBC+12, VJC12, Wan10a, WZ13, WYSW10, WT15, XYK12, YWX11, YTYA17, YQM12, YQM14, Zou18, dlHV10].


**EVO [BK13a]. EvolFMC [JPSS10]. Evolution** [Cho11, HLS12, BCR14, BTC17, Bot11, Brál15, CJC+17, FSJ+16, GM16, HK12, Hon10, HWCH11, JPSS10, JMG+17, MBRV+13, SW11, VPM12, XLX+15].


**FabSim** [GBS +16a]. Facilitating [GBS +16a]. factor [GDB10, MSZW11, TZW12, dHV10]. Factorization [BvH15, JOK13, KK14a, LHJZ10, RW11]. factors
field-aligned [HO13, LDR+17]. field-particle [CSJ+17]. field-theory [DF13, Nut14].

fields [Asc10, BMW14, CF14, DOP17, Dua12, GH15, HSD17, JPK+12, KOT12, Kil10, LSJ13, LRI13, LR16, ON14, PQTGS17, PM13, SW14a, SW14b, SAHP15, Tan10, TC11b, Wai12, ZYZ15]. FIESTA [SST11, Smi14].

FIESTA4 [Smi16]. FiEstAS [Asc10]. FIESTA [SST11, Smi14]. FIESTA4 [Smi16]. FIESTA5 [Asc10].

fil [HO13, LDR+17]. field-particle [CSJ+17]. field-theory [DF13, Nut14].

fields [Asc10, BMW14, CF14, DOP17, Dua12, GH15, HSD17, JPK+12, KOT12, Kil10, LSJ13, LRI13, LR16, ON14, PQTGS17, PM13, SW14a, SW14b, SAHP15, Tan10, TC11b, Wai12, ZYZ15]. FIESTA [SST11, Smi14].

FIESTA4 [Smi16]. FiEstAS [Asc10]. FIESTA [SST11, Smi14]. FIESTA4 [Smi16]. FIESTA5 [Asc10].

fine-grained [Asc10, BMW14, CFSK14, DOP17, Dua12, GH15, HSD17, JPK+12, KOT12, Kil10, LSJ13, LRI13, LR16, ON14, PQTGS17, PM13, SW14a, SW14b, SAHP15, Tan10, TC11b, Wai12, ZYZ15].

finite-dimension [Naz12, OWS+14, Oti13, OVS15, OT11, PVK+17, PB16, QLN14, Ram14, RS12, RVD16, RC13, RC16, SW14a, SP16, SC15, SH+11, SBH+12, SCG11, TT14, Ter17, TYH+15, TXZL15, VLP14, VDB14, VDAH16, VV16, WZ13, WP10a, Wit14, YRR13, XYT+15, YQM12, YQM14, dDYK+18, Hak16, HKF+12, LYP14, MCM+12].


Fitting [GD14, BW16, Ber16a, Ber16b, BPM14, Bla15, Bru13, DFM+15, Du16,
[BPS+16, SEGP15, YK12, AK15, BW16, BJ11, BDGM+17, DFM+15, Duf16, ESM17, FSH13, LS16, RK11, SG11a, SG11b]. **Force-based** [BPS+16].  
**force-field** [RK11]. **force-fitting** [DFM+15, Duf16]. **Force-gradient** [SEGP15]. **forces** [ASGLK10, BTM+17, BWPT11, GAHP15, GD14, KK17, MOD13, RC15, RU12]. **forecast** [ADdM16a, ADdM16b, CDdM14]. **forensic** [SUS+17a]. **form** [AHK+12, GM17, KO14a, Pål12, Zhe15, CMS17, KUV13, KUV15, TV10, CKJR11]. **formalism** [FWZ+12, KCA+15, MBF+10, THJ+10, VKP14, Voy13]. **format** [BDKS10, CMSV14, DKOS14, JTH10, HKF+12, IBKK11, MTS+16, UIY11, ZZH+16, ZDD+13]. **FormCalc** [FHH+14]. **forms** [MWCY14]. **FormTracer** [CMS17]. **formula** [ACC17, CMN12, TO10a]. **formulas** [BCMS10]. **formulation** [CKT17, CLJ12, CB15b, GS17b, GS17a, HRC11, Kap12a, KAP12b, MMA15, VEB+18, ZDY10]. **formulations** [Ram12, Ram14, WLU11]. **FORTRAN** [MCA17, AC16, BS13a, BW12a, BV13, BD14, DET12, DDH17, GST12, HE13, HM12a, JCL10, KS12, KYSV+15, Lzl11, MBGK11, NS11a, PZY16, PG10, Sar17b, iYS12, SSH+10, SHZ13, STY15, STY18, SS10a, SF10, WW14, YSVM+16, YSMA+17, YB13, Zag14, vH10]. **Fortran-based** [DDH17]. **forward** [MAC12, VEM12]. **Four** [Boy15, ARAB+17, BH13, GKM10, GSMK17, KMA+12, MBGK11, MGK13, Müll14a, Pik18, SMGK14]. **four-dimensional** [KMA+12, Müll14a]. **four-loop** [Pik18]. **four-particle** [GKM10, GSMK17, MBGK11, MGK13, SMGK14]. **four-point** [BH13]. **four-quark** [ARAB+17]. **Fourier** [FCC15, JLW13, AQ10, AH13, BK11a, BCM+16, CZ17, CZ18, GMF+17, HbotRC15, KZC+10, LDF+16, MJ+10, PGCM14, RWKS15, SS11b, SBV+13, TO10a, Trö11, WLM14, YZ16]. **Fourth** [BK16a, MC16, XYK12, BIT12, DZ13, HZ11, KMS14, LLKX16, ILsSZ14, NS15, SB11, SS10b, UNK12]. **fourth-degree** [UNK12]. **Fourth-order** [BK16a, XYK12, BIT12, DZ13, HZ11, LLKX16, ILsSZ14]. **FOXTAIL** [TJJH17]. **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, MHDH18, PS11, PSBT12, SW12b, YQM12, YQM14, BK13b]. **fracture** [RTAT15, VLM11, VKLMI11, VLM11]. **fragment** [JWCW17]. **fragmentation** [BG14a, DG16, HK12, M+18]. **frames** [MFS+10a, SS11b]. **framework** [Ano11o, CMC+15, CEZ16, CFS13, CFFR15, DMC+15, ESM17, DRI+16, GBJJ14, HM12b, JEC+12, JNN12, JNN13, KHE12, KSTR15, KSH14, LSDD14, LS14, LS15a, LRW+15, LPZ12, MLR10, MGFRG12, NBM+15, NPVR14, PG017, RM14, SV14, SSSX14, ST18, SJ11, Sva12, TOB+14, TVT+16, VEB+18, WFW14, ZZH+16, ZHL11, CF16, FCC15]. **Free** [ACMM10, Gen10, AK15, ACTP15, BCT17, CCD+16, CGM17, CP15a, CPCdM18, CXH+15, CPR12, Deu16, DFM+15, Duf16, DGG13, FS17, FBHB17, FM15, Hon10, HS16, HHS+10, JPCG15, KT12, KST14a, KHE12,
fundamental [LZP12, MK10]. Fusion [RtV16, AGB+15, DDKM15, ECSh16, FK12, FR15, HLM13, HJL+14, KRK16, LHJ+15, Maz13, Shi16]. fuzzy [GES13].

gate-based [MNW+17]. gateway [VK16]. gather [MTO15]. gauge [BB13a, BW12a, CB13a, CSBO13, Fri14a, HbotRC15, LSSW14, SV13, YW17, MGS13]. gauged [Fis12]. gauginos [Sta13]. Gauss [MSR10, MS15].
GenAsiS [CB15a, CB17, CB18]. Gene [BW15, CRA10]. Gene/P [CRA10].
gen [CKFB12]. General [Bot12, ASPDL+16, AABC+13, AC15, AC18, CH11a, CPV13, CwW12a, CwW12b, EKO16, Fer15, Fuk17, GTPWL12, GJ14, GNA+15, GBRB11, Gri11, HRC11, JKG+18, KAK12, KMA+12, LS14, LS15a, Lin11, LW14b, LHGF18, LSSW14, MKV11, NMCr15, RFP+17, Sali16, SS10a, TdAdSS11, sX14, YLTS16, Bre10, GLMG12]. general-purpose [ASPDL+16, AABC+13, Fer15, GNA+15, RFP+17, TdAdSS11].
gen-thermodynamic [KMA+12]. generalised [BBC+13a, Fuh15].
Generalized [JPH+14, NLsj17, BDV11, Brá15, BKK13, BMK14, BK15, BK16b, CC16, DBB12, Ert15, Fe12a, Fe16, GV15, GS14, GTG+11, KMM13, KMJS16, LJE11, LS12a, LLSZ14, MBFD12, IC13, PH11, PA13, RJLL16, RLM13, TC11b, BD12, MCGR11, MN16]. generate [AM14a, ZLLP17]. generated [BD10, MVI+16, MS11, MVS+14, VKS16, WSO+12]. Generating [Bjö11, CB13a, MMT+11, Mis12, WWR+16, AZ17a, AZ17b, KFF+16, Mis13, RM14, Rom15, SGD16, WW12].
Generation [CC10a, JTH14, BJBC+14, BS11, BS13a, BS14a, BJGW13, Bor14, BGL+14, CF16, DCM+12, FMRP16, Fer15, GB17, GBS16b, HBP+15, HUM10, MV11, DPHB17, PIF+17, Rei10, SG15, Sem16, XWHZ13, YFAT17, ZS13, vH18].
GEnerator [CF16, GAGW16, AFIS12, AOK15, AhPSV15, BCMS10].
BCJW13, CWW10, CUL+17, CI11, DKT14, GP13, Gin10, HLD13, Kas14, KRW13, KYKN15a, KYKN15b, MO14, NCS17, ÖY13, RVDS16, Sav15, Sha13b, Sha16, TU14, Tom16, WX15, YWW13. generators [ASWP13, BS13a, CKS10, Dem11, MZ14, Mis13, SS13a, Sib17, SAE+16, TC11a].

generic [Ano10n, HL18, JJ15].

genes [SCW11]. Genetic [SKH10, SKK11, Bru13, TTT16].

genus [Bog16]. GENXICC [WW13].

genXICC2.0 [CWW10].

genXICC2.1 [WW13].

generators [ASPW13, BS13a, CKS10, Dem11, MZ14, Mis13, SS13a, Sib17, SAE+16, TC11a].

generic [Ano10n, HL18, JJ15].

genes [SCW11]. Genetic [SKH10, SKK11, Bru13, TTT16].

genus [Bog16]. GENXICC [WW13].

genXICC2.0 [CWW10].

genXICC2.1 [WW13].

generators [ASPW13, BS13a, CKS10, Dem11, MZ14, Mis13, SS13a, Sib17, SAE+16, TC11a].
GPU-based [Boe14, CMVRB+14, FDWC12, JPCG15, KO12, Kom15a, KMA+12, LCC13, PKRS16]. GPU-centric [Sie16]. GPU-enabled [LYP14].


gradient-based [HKVR10]. GRADSMHD [VKP14]. grained [AGVP10, AMJ18, Bru13, ESM17, FPY+17, PA13]. graining [GB11].

Grand [AS16, PLCC12, Sit18]. Grand-Canonical [AS16].

grand-canonical-like [PLCC12]. granular [GTPWL12, KPCC13, Ru12, San11]. graph [AS16, AOK15, Bor14, SSBS15, ZLLP17]. graph-theoretic [SSBS15].


[SCC+12]. Gross
[AD14, AD15, ABDR17, CR13, KYSV+15, LBB+16, LYSS+16, MGL13, MGL16, SSb+16, VDAH16, VVB+12, YSM+16, YSA+17]. ground
[CR13, ELL+17a, JWL13, MH11, WX14, WGG16]. group [CLKK11, FSC13, Fon12, HB12, JCD16, KK16b, LSSW14, MSHLS15, MSHL17, NBN+14, PO14, RGH10, Roh16, Sta11, Trö11, Ver16, WPAV14, ZAHA10, LSR+17].
growth [FBG10, JEPF14, LLSK17, MS11, RH11, SOON11, ZKG+18].
guide [Hah12]. guiding [Nis11, PCGM14].
guide [Hah12]. guiding-centre [PCGM14].
grove [LYZ13]. GROW [HKVR10]. grown [RDP14].
growth [FBG10, JEPF14, LLSK17, MS11, RH11, SOON11, ZKG+18].
guide [Hah12]. guiding [Nis11, PCGM14].
grove [LYZ13]. GROW [HKVR10]. grown [RDP14].
growth [FBG10, JEPF14, LLSK17, MS11, RH11, SOON11, ZKG+18].
guide [Hah12]. guiding [Nis11, PCGM14].
[ALL+11, LCL+11, BKMP16, BG14b, CWW10, CKFB12, CCN17, HLM17, JuIAM16, KHB14, MMT+11, Sha13b, Sha16, SQS+16, WW14, WW13]. Heavy-baryon [LCL+11]. heavy-ion [SQS+16]. heavy-quark [CCN17].

GA10, Koh15, LV15, LWZ14, MLK\textsuperscript{+}17, PVK\textsuperscript{+}17, Qia10, Tia11, VV16, WWS10, WWR\textsuperscript{+}16, Zag14, ZFH14, ZNT15, DBLF\textsubscript{16}. **High-performance** [GS15, Gai17, JTW\textsuperscript{+}17, LSR\textsuperscript{+}17, DPHB17, Ara14a, Ara14b, SHZ13]. **High-precision** [BDT15, LM16]. **High-resolution** [BMG\textsuperscript{+}15]. **High-temperature** [HvWT17, Liu15a]. **High-throughput** [ZZ17a]. **High-velocity** [JH11]. **Higher** [ABdA15, CD15, KO14a, WP10b, ACDdM15, Cha16, CLJ12, DKOS14, MO14, SR12, SC16b, SB11, VJC12]. **Higher-order** [CD15, KO14a, Cha16, SC16b, SB11]. **Highly** [CH11b, LBP15, MTM13, MGR16, BY17, HBP\textsuperscript{+}15, MSI\textsuperscript{+}10, MLS10, SEW12, SEW14, WDR16, YBNY13]. **Highly-efficient** [WDR16]. **Hiking** [BRá15]. **Hilbert** [ERPDFS15, SA15a]. **Hillard** [LLXK16]. **Hirshfeld** [EPP12]. **Histocompatibility** [HFSK12]. **Histogram** [CMRVVR\textsuperscript{+}14, CMRVVR16, VK14]. **Histograms** [AMR15, Gag12b, Gag12a]. **HMC** [CDS\textsuperscript{+}13b, KP12a]. **HNLS** [SB11]. **HOC** [TY10]. **Hole** [ZST11]. **Hologram** [BGL\textsuperscript{+}14, JTP15, MSS\textsuperscript{+}14, WSO\textsuperscript{+}12]. **Holograms** [BD10]. **Holographic** [FBN\textsuperscript{+}13]. **Holography** [MSI\textsuperscript{+}10, ZSW\textsuperscript{+}17a]. **HoMnO** [KAR\textsuperscript{+}15]. **Homogeneous** [Asi10, BK11b, MSHLS15, MSHL17, PN15, SCNJ18, SLEF17, vMB14]. **Homology** [DS13c]. **Homotopy** [CS10, PSBT12]. **Honeycomb** [MHHL11]. **Hooke** [RGKR17]. **Hopf** [Bor14]. **Horn** [BKM14, BK15]. **Horn-type** [BKM14, BK15]. **Horner** [KPVvdH13]. **HOS** [DBLF16]. **HOS-ocean** [DBLF16]. **Hoshen** [FKH15]. **Hosphe** [CDTV10]. **HOTB** [GSMK17, SMGK14]. **Houches** [ABB\textsuperscript{+}14, BBC\textsuperscript{+}13a, MHA\textsuperscript{+}12]. **Householder** [NLS17]. **HP** [LWL11, Roh16]. hp-frG [Roh16]. **HPAM** [EPP12]. **HPC** [CCdC\textsuperscript{+}11, GBK\textsuperscript{+}12, HL18, OLG\textsuperscript{+}16]. **HPL** [Mat12]. **HRMC** [MHV17]. **HRMC\textsubscript{1.1}** [OPO\textsuperscript{+}11]. **HRMC\textsubscript{2.0}** [OPSR13]. **HRMC\textsubscript{2.1}** [OPR14]. **HTC** [CCdC\textsuperscript{+}11]. **Hubbard** [MHHL11, SA15a, SH12b, US16, WDL11]. **Huge** [WSI13, BMC\textsuperscript{+}11b]. **Huge-scale** [WSI13]. **Hut** [WSH\textsuperscript{+}12]. **Huergens** [VLZ17]. **Hybrid** [GLB12, LRW\textsuperscript{+}15, ML17, OPR14, SSB\textsuperscript{+}16, SS11b, TH17, VCMS\textsuperscript{+}13, WDL11, WLZN17, YHL11, dlRM18, AAD14, BMC\textsuperscript{+}11a, BD12, BT17a, BWPT11, BKPT12, BY13, CW16, CL13, ES11, FGR14, GWl\textsuperscript{+}17, GC12, Gwl2, HLW16, JTN\textsuperscript{+}11, Jw15a, KK13, KCS\textsuperscript{+}15, LCY\textsuperscript{+}11, LHC\textsuperscript{+}13, LH\textsuperscript{+}12a, LSYZ12, MIW\textsuperscript{+}12, MM17, MKU\textsuperscript{+}12, MSM\textsuperscript{+}11, MJKB18, SZ15, SS13b, SPS10, SYE\textsuperscript{+}18, TFBW14, WLGY18, WC13, WAW14, YvOSM15, YLO\textsuperscript{+}17, YXT\textsuperscript{+}15, ZC12, GBR\textsuperscript{+}14, HKZN17, OPO\textsuperscript{+}11, OPSR13, Urb18]. **Hybrid-optimization** [WLZN17]. **hybrid-stabilized** [JT\textsuperscript{+}11]. **hybrid-symbolic** [SZ15]. **hybridisation** [SKFP16]. **hybridizable** [HLLH16, LLP15, LLMW17]. **hybridization** [AK13b, HWG13, SGW17, VPP\textsuperscript{+}12]. **hybridizations** [SGW17]. **hybridizes** [YLYL17]. **hydraulic** [WNYP17]. **Hydrodynamic** [MOD13, BOGL17, GZW17, KHB14, LCH11, LW11, WSH\textsuperscript{+}14, ZD15]. **hydrodynamical** [NAQ16, QA13b]. **hydrodynamically** [APC\textsuperscript{+}14].
implements [MZE13]. Implicit [FLSZ13, FM15, Lan13, TYH+15, BB12, BF10, CZD15, CDBM16, CC14, CC15, CW16, DBMR18, HCHW11, IBP+15, KKG+15, LST15, LHH+12b, MIW+12, NLSJ17, RC15, SS13b, SC15, SHL+11, TT14, WG16b, XXY12, XZ12, YLKN17, ZSW+17b].

implcit-explicit [CW16]. implicitly [WWS10]. importance [HLL13, KTB17, LLX14a, SK+16, dHGCS11]. important [rJmYT11].


insightful [SDL +16]. inspired [DS13c, Fri10, JBKM15, Nut14].
instabilities [ML17]. instability [CHA11, Dua10, GV15, HZW +16, LYX +17, LKW11, SCM +18, WG12, XYM +13, YXD +15, YXT +15]. instance [NB17].
Instructive [Nem16]. Instrumentino [KSH14]. instruments [KSH14].
Integral [Smi15, ASEA14, Boy15, CMM14, Dat13, DG10a, GJ13, GHvSF14, KO14a, MNV13, ML14, Mi11, Qia10, RKR17, Sm16, Stu10, WF14, ZBG +16, ZDWM17, ZWLZ17]. integral-equation [ML14].
integrals [AG12b, AM17, ACDdM14, Bog16, BH13, BCI13, BHJ +15, BJH +18, CEZ16, CGH +11, GBN17, GLZ17, GM17, JH15, Kap12b, KCT15, KK14a, Mey18, Pan15, Pat15, Pat17, PB13, Pra17, RMW13, TO10b, WISA11, dDYK +18, MN16]. integrand [Per14].
Integrated [JGC +11, NBW16, Ano10n, GGI +13, GC12]. integrating [Bot12, dlHV10].
Integration [MAIVAH14, AK13a, BKV16, BE14, End11, GDB10, Kan14, Kap12a, KD17, MF17, NPAD11, Odr11, Pan15, RBB15, SHT18, SS13c, SBL16, WAHL13, Wu10, WYFY09, ZF15]. integration-by-parts [Kan14].
integrations [Lan13]. Integrator [VBC +12, CEP18, KRK16, PIH11].
integrators [BCT17, Cap13, KV10b, Miy15, MO14, WYSW10, YZWR14].
Integro [DSW15b, GJ14, MBJ +10]. Integro-Differential [DSW15b, GJ14, MBJ +10].
intensities [Dan10a, Dan10b, Dan16, Dan17, Hei12, ARYT17].
infinity [Dan11, MSPD12, SCNJ18]. intensity-energy [MSPD12]. inter [HB13, KK17]. inter-particle [KK17]. inter-polyelectrolyte [HB13].
Interacting [Cas12, AP'C +14, CvW12a, CvW12b, Fil14, LJSW11, LSR +17, LKT +16, MBFD12, PFA +15, RS12, SSF +17, TD17]. Interaction [BF16, BM13, BL14, BSC +13, CSJ +17, CL11, CUL +17, Gai17, GC12, GBD10, GC10, GC13, GC16, GC18, HRC11, ICPD16, KPST15, LB13, MPS13, NS11b, ReTVH12, RE12, Sar17a, Sar17b, SS14, SAY +18, TJH17, Yan11, ZZ15].
interactions [BBL +13, BCH11, CCGC13, CB16b, Cro16, ERP +12, Fil13, FZY17, FN17, Gao13a, GM16, HCSW10, KMD12, KM17, Kris17, LSDD14, dRLJ14, Ots11, PH13, TMA +15, TRN16, TT11, YLQ +17, ZE11, ZE16, ZHPS10].
Interactive [KY14, Gio14b, MMC10, TL17, KST +14b]. interatomic [GD14]. interchangeable [ZMVE +13]. interdiffusion [CHDCJA17].
interlaced [CMdB11]. intermediate [vMB14]. intermetallic [DMC +15].
intermolecular [KHKR14]. internal [BHH +10, BBH +15]. International


invariant [MDHD18, QwWL+15]. invariants [ADdM14, DdMN16, FWZ+12, Ver16]. inverse [Boy15, CL15b, KL11, MW12, MK10, MD10b, WHB16]. inversely [KB15a].

inversion [CL15a, GWF+16, GCF+17, GST15]. invert [FZ16, RLM13].

inverter [CL16], investigate [KFF+16, RDP14]. investigated [CSL+13].

Investigating [ARAB+17, BG14a]. Investigation [AM14b, CL11, KK13, MDPTK15, MRVF13, vdS13, EEWG12, MS11, NS11b]. inviscid [LS+13, TFBW14]. involving [Cip13, GC13, Sar17a, Sar17b]. ion [BT17b, BB13b, BKN+17, Gai17, GAB+16, JulAM16, JGC+11, KHB14, KMD12, PC17, PR14, SK12, SQS+16, SVG10, TXZL15]. ion-ion [SVG10].

ion-surface [Gai17]. IONIS [Hei12]. Ionization [JTT11, BPC12, BH17, Fri12]. ionospheric [KST+14b]. ions [BP12, HH11a, JTT11, KNS+17, Lit13, LB11, LB12, MCA17, MFS10b, NNWS15]. IPEC [HB13].


GLS+13, GGGH14, LHH+12a, OK12, Wei12]. **JETSPIN** [LPC+15]. **JF** [GJHF14]. **Job** [LHL11]. **Johnson** [GSZ13]. **Joint** [GWF+16, AMJ18, BR13]. **Jones** [FPY+17]. **Jonesium** [MHR+13]. **JOSEPHINE** [CPR12]. **Jülich** [LAA+10]. junctions [CAGL13, KKS18]. **JuNoLo** [LAA+10].


L [ADH+17, Cip11]. **L-** [Cip11]. **Lab** [NSXZ14]. labeling [Kom15a]. **laboratory** [DMH16]. **LabVIEW** [CO11, Fer15]. ladder [ABB+16]. laden [SYD17]. **lag** [MKS10, NS15]. Lagrange [Jiw15b]. **Lagrangian** [CGG+14, Em16a, FRFH10, GAB+16, KV10b, Lan13, MIW+12, MFH+13, iNSK+15, Sem16, UNK12]. **Lagrangians** [Deg15]. **Laguerre** [GST17, Ter17]. **Lamb** [STV15, STY18]. **Lamb-shift** [STY15, STY18]. **Lambda** [Eks11]. **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, NDD11, SW14b, SMJ17, SV13, SA15b, Sin12b, WZ13, WSTP15, YK10, YL12]. **Landau-Transition-Matrix** [BR13].
localised [MYP\textsuperscript{14}, SPMM\textsuperscript{11}]. Localization [dSFdFF\textsuperscript{13}, HW\textsuperscript{11}]. localization-delocalization [HW\textsuperscript{11}]. localized [BAF\textsuperscript{18}, KAW\textsuperscript{10}, NGM\textsuperscript{10}, PVK\textsuperscript{+14a}, PVK\textsuperscript{+14b}, PMVG\textsuperscript{16}, RCGT\textsuperscript{16}]. locally [CZD\textsuperscript{15}, LLP\textsuperscript{15}, ELL\textsuperscript{+17a}]. location [CS\textsuperscript{17}, PP\textsuperscript{13}]. Loewner [SW\textsuperscript{11}]. logarithmic [PPY\textsuperscript{14}]. LONE [CB\textsuperscript{16a}]. Long [DV\textsuperscript{11}, Boe\textsuperscript{14}, BAF\textsuperscript{18}, BENK\textsuperscript{+17}, CHZ\textsuperscript{18}, DS\textsuperscript{11b}, ERPDF\textsuperscript{15}, Fil\textsuperscript{13}, Fil\textsuperscript{14}, HM\textsuperscript{17}, Sza\textsuperscript{16}, iT\textsuperscript{11}, WWV\textsuperscript{B11}]. long-range [Boe\textsuperscript{14}, Fil\textsuperscript{14}, HM\textsuperscript{17}, iT\textsuperscript{11}]. Long-time [DV\textsuperscript{11}, BENK\textsuperscript{+17}, CHZ\textsuperscript{18}]. long-wave [DS\textsuperscript{11b}]. longitudinal [KB\textsuperscript{15a}, Qia\textsuperscript{17}]. look [JLA\textsuperscript{+14}]. Loop [ADH\textsuperscript{+17}, DLU\textsuperscript{18}, ABB\textsuperscript{+16}, ABB\textsuperscript{+14}, AMRdA\textsuperscript{17}, Ano\textsuperscript{10o}, BBU\textsuperscript{11}, BGM\textsuperscript{+14}, BH\textsuperscript{13}, BCH\textsuperscript{13}, BHJ\textsuperscript{+15}, CEZ\textsuperscript{16}, CGH\textsuperscript{+11}, DDH\textsuperscript{17}, DNPS\textsuperscript{13}, Fen\textsuperscript{12b}, FEH\textsuperscript{11}, GLZ\textsuperscript{17}, HEF\textsuperscript{12}, LS\textsuperscript{17b}, MCW\textsuperscript{15}, Mey\textsuperscript{18}, Pat\textsuperscript{15}, Pat\textsuperscript{17}, Per\textsuperscript{+14}, Pik\textsuperscript{18}, Sta\textsuperscript{11}, YdD\textsuperscript{+12}, dDYK\textsuperscript{+18}, vH\textsuperscript{11}]. loop-corrected [BGM\textsuperscript{+14}]. Loophole [DMH\textsuperscript{16}]. Loophole-free [DMH\textsuperscript{16}]. loops [AHK\textsuperscript{+12}, ACD\textsuperscript{+14a}, BCS\textsuperscript{10}]. LOPT [Kra\textsuperscript{11}]. Lorentz [CdFDS\textsuperscript{16}, MFS\textsuperscript{+10a}]. Lorenz [BDT\textsuperscript{15}]. loss [Hoh\textsuperscript{14b}, Lit\textsuperscript{13}, TVGB\textsuperscript{15}]. losses [Eme\textsuperscript{11}]. lossless [HLW\textsuperscript{16}, TMD\textsuperscript{11}]. lossy [WWWH\textsuperscript{14}]. Low [BK\textsuperscript{12}, KGNS\textsuperscript{10}, LCY\textsuperscript{+11}, AGH\textsuperscript{+16}, BDBV\textsuperscript{12}, BT\textsuperscript{17b}, HYM\textsuperscript{11}, Kol\textsuperscript{15}, LO\textsuperscript{14}, MSPD\textsuperscript{12}, MCP\textsuperscript{+11}, NR\textsuperscript{12}, PTMDPK\textsuperscript{14}, RF\textsuperscript{16}, RHC\textsuperscript{15}, TSM\textsuperscript{16}, TIM\textsuperscript{+16}, VSG\textsuperscript{18}, Wei\textsuperscript{12}, Zlo\textsuperscript{14}, vRWS\textsuperscript{14}, BH\textsuperscript{14b}, MPS\textsuperscript{13}, MP\textsuperscript{17}]. low-amplitude [BT\textsuperscript{17b}]. low-density [HYM\textsuperscript{11}]. low-dimensional [vRWS\textsuperscript{14}]. Low-energy [LCY\textsuperscript{+11}, MSPD\textsuperscript{12}, NR\textsuperscript{12}, BH\textsuperscript{14b}]. low-frequency [MCP\textsuperscript{+11}, TSM\textsuperscript{16}]. low-mass [PTMDPK\textsuperscript{14}]. low-noise [BDBV\textsuperscript{12}]. low-order [AGH\textsuperscript{+16}]. Low-rank [BK\textsuperscript{12}]. Low-temperature [KGNS\textsuperscript{10}]. lowest [Kol\textsuperscript{14}]. LSQR [Wan\textsuperscript{10b}]. LU [San\textsuperscript{15}, WM\textsuperscript{13}, Z\textsuperscript{+17b}]. luminescence [PVH\textsuperscript{+17}, Str\textsuperscript{15}]. Lyapunov [MH\textsuperscript{18}].
memory-mapped

MEMPSODE [VPP+12, VHP+15]. Mercedes [HDM+12, SBPN15]. merge
[PMMF15]. merging [LTP16, VGM+15, XLX13]. MESA [GWM13].

MESAFace [VPP+12, VHP+15]. merging [LTP16, VGM+15, XLX13]. MESA

merge [PMMF15]. merging [LTP16, VGM+15, XLX13]. MESA

mesh-free [McM17]. meshes [ASGLK10, AK15, FXZ+14, GX15, HCC14, JFCl2, KC14, KYKN15a, KYKN15b, LJWK11, LWRQ16, McM17, RHBH15a, RHBH15b, UBRT10, VLM11, ZD15].

meshing [ZPH+15]. meshless

DG10b, MM12, QLN14, SW14c, SD10b, XLL15].

mesoscale

Mercedes [HDM+12, SBPN15]. merge

message [TSTT13]. message-passing [TSTT13]. meta

metadynamics [BPML12, HS16].

metadynamics [BPML12, HS16].

metaheuristic [CNMC10b].

metal [FSJ+16, HBB+17]. metallic

metamagnetic [dSFdFF13]. metamaterials [RHW+12]. Metamodelling

metastable [BVC13, ES16]. METATOY [HLC+12]. METHES [RF16].

Method [BUJ15, EW16, Les16, TGH+16, ZLL18, AM14a, AM14b, ARY17, AS11b, ADDM16b, ASS13, ABDR17, AG12a, AALP17, BBL+13, BM13, BIF16, BBB+17a, BK11a, BH14b, BH16, BW12b, BR14, BT17b, BIS15, BH11, BMW14, BCM+16, BMNS14, BPMS16, BIT12, BHND16, BENK+17, CZ18, CL15a, CB13b, CAN11, CSPAD10, CZS10, CL10, CLJ12, CW13, CTL15, CW16, CS17, CSL+13, CKE+13, CB15d, CVW12a, CUW12b, Cor14, Cou13a, Cm13b, CNS+14, DZ15, DT10, DG10b, DT11a, DM17, Den10, DK5G16, DA16, DMC10, DCGG13, DBLF16, DFM+15, Duf16, DO14a, DO14b, EBCB+14, ELDS14, EKIK14, FFGM11, FS17, Fen12b, FK12, FNPMB10, FBN+13, FPY+17, FN17, GC12, GZL14, GML15, GPB13, GA15, GA10, GYV+10, GB17, HE13, HV15, Ham11, HC16, HLLH16, HSD17, HKVH16, HDZ14, HHC+10, HWWW12, HLW16, IH11].

Ixa10, Ixa12, Jal10, Jan10, JKI14, JWNC17, rJmYT11, JOR+12, JGAL+13, JLIW13, JPM12, JKI13, JU17, KMS14, KK13, KU10, Kap12a, Kap12b, KC119, KKB+15, KI10, KL17, KO14a, KL11, KI13, Koh15, KDM11, KA17, KAS12, KPS15, Kra10, KZ14, KMJS16, KR14, KSW12, KOK17, KSY17, LLHC11, LX12, LM16, LLG17, LHJZ10, LSCZ11, LCC11, LHC+13, LST15, LLMW17, LJWK11, LHH+12b, Lin13, LSK+13, LTP+17, Lin11, Liu13, LLZ+17, LLX14a, MCWJ15, MD11a, MDHB18, Mih12, MIW+12, MST+18, MSPD12, MRZ10, MC12, MH18, MBFR13, MK10, MNPF17, MM10, MM12, MFG+13, MSR+17, MBG15, MBFD12, NPM16, NHSY15, NZQL14, NS15, NAQ16, Nis11, NMS14, OYK+14, OPO+11, OPSR13, OPRI+14, ORI+10, OT11, PSBT12, PAS11, PS14, PDRG10, PR13, PBMD12, PGD17, Pt12, PS11, PSP16, PB16, QMI10, QMY11, QA13a, QDZ+13].

method

IA10, QwWL+15, QLN14, Ram10, RVA14, RCAR16, Ras09, Ras17, RAW15,
Raw16, RVDS16, RLS16, RMS+12, RH17, RTA10, Sal16, San15, SW13a, Sch14a, SEW12, SEW14, SW14b, SSF+17, SNB11, SCS12, SDS15, SD14, Ser10, SW14c, SD10b, SS13b, SA15b, Si16, SmdONF14, SHL+11, SBvD13, SS10b, SCG11, SDL+16, SKS13, SL14, SPSP18, Sza13b, Sza13a, Sza16, TSM16, TD14, TZM17, TT14, TFBW14, TC11b, TKP15, TY10, Tia11, TT11, TW15, TDL+14, UO15b, UO15a, VdLF14, VK14, Wan10a, WX11, WLZM12, WZ13, WM13, WX14, WLGY18, WN10, WP10b, XZ12, XLL15, XLX+15, XD16, Yam16, YLO13, YBYN13, YS17, YTYA17, YQM12, YQMI14, ZAH10, ZHP10, ZOZ13, ZSW+17b, ZWL17, ZKG+13, ZP13, ZC12, ZST11, vdSM16, CC10b, CC12, EW14b, EGGW12.

Method- [Les16]. Methods [EVB14, EBCBG17, PVK+17, ARAB+17, ACCB13, ABB13, ABCM14, AH13, ADdM15, BCH11, BB15, BH17, Bia15, BBF+10, BB10, CFMR10, CDBM16, CYSL12, CS10, Col14, CHZ18, DIP11, DN13, DF11a, FLW10, FMW10, FHTO17, FG13, FG14, Fn14a, GBN17, GSKM14, GSKM15, JLA+14, Jiw15b, KFS17, LMRC15, LD10a, LV10, LYYW11, LLP15, LW14b, LGF18, LY16, LAG+17, LL12, MCP+11, MCGR11, MKS10, MM11, DPHB17, PMMW15, PMMF15, RL10, RHH12, SZ15, SEG15, SW12a, SW13b, SC16b, SBH+12, TBZ12, TVT+16, TXZ15, WC10, WXL13, WCC16, WH12, Wu10, WW10, WT15, XJS16, XHLM12, YZ16, YYBF09, YZZ11, YW11, YJK11, ZW15, ZTG13, ZTG14].

Mixed-precision [AG12b]. Mixing [PM13, CBGY17].
MIXMAX [Sav15]. mixtures [GZW17, SD10a, Sza13a, Sza16]. mKdV [MM12].
MLMD [IBP+15]. MM [PSMS14, PSMS15]. MM/PSBSA [PSY14, PSBS15].
Mixmax [PM13, CBGY17]. mm_par2.0 [OKM12]. MMAPDNG [LL15]. MMK
Möbius [BNO17]. MOC [TGH+16]. modalities [Che11]. MODAR [Car10a, Car10b].
Model [Dan10a, Dan10b, Deg15, KPA13, NHD16, TDL11, VKL11, AMM11, 
ABdAI15, AMRdAI17, AGVP10, ALC18, AGB+15, BDT15, BHNS17, BT17a, 
BCP+16, BSC+13, BM16, BPPM14, BVP10, Boe14, BB12, BS12, CCD+16, 
Cas12, CPCdM18, CLC14, CM15, CL10, CCWL11, CCXC15, CKCS13, 
CB16b, CL13, CEP18, DCC+10, DS10, DDK+17, DT11b, DT18, DDK+15, 
EPB+16, ERS10c, ERS10a, ERS10b, FFT+14, FX+14, FLP10, FDWC12, 
Fon12, GTS+13, GZW17, Gri10, GFJ+14, GCHL15, GLW14, GRTZ10, 
Ham11, HOPF15, HDM+12, IUM13, JEF14, JTJ+17, KYM+17, Ker17, 
KK1P, KAvdL11, KM17, KV10a, KO13, KS12, LGW13, LCS12, LWL11, 
LWL12, LFG14, LX14, LB1P, MLH11, MD11a, MH11, MEG12, 
MNC15, MSM+11, MHI+13, NCHN15, NF17, dRL11, dIRAPL11, Ots11, 
Pål12, PBE14, RTAT15, RBS16, SZY+12. Model-Driven [Dan10a, Dan10b].
Modeling [CLW11, wH15, TJH17, AD11, BOPL17, Bar11b, BMNS14, CSJ+17, 
CL11, CFFR15, Dan12, EZL+16, EKK14, FZY17, Gal17, GGI+13, HV15, HAK16, 
HCHW11, IP14, JGC+11, KEH12, KPA13, KM10, KRB15, KMJS16, KGNS10, 
Lan13, LLLL10, LH+12b, LTL+12, MPS13, NGC+12, OP12, PBF+16, PE17, 
Ram10, Ram12, RAV11, RTA10, SGNL17, SLC11, SN16, SHL+11, Sol11, 
SCG11, Sva12, TKP12, Uty14, VBMS17, VCD16, WGVP17, XHL12, ZEI+16, 
ZEE16]. Modelling [AGB+15, CC16, HDM16, IBKL11, Anol10n, DBD+17, HKF+12, 
MDPTK15, MRS15, MSML10, OBH10, ORS+14, Org15, RF15, 
RLMG+11, TN11, Van15]. Models [Rei11, Rei12, AS11a, AC17, 
AABC+13, AG12a, AH13, AhPS15, AC15, AC16, AC18, BW16, BBC+13a, 
BR13, BKM11, CECS16, Che17, DCM+12, DNPS13, ELDS14, FW11, Fil13, 
FD13, Fuh15, HLL13, HvWT17, HCH16, HVMR10, HKVR10, KÖG17, 
KO14b, KO16, KST+14b, KTA12, LLMW17, MLGVE14, MST+18, Mur14, 
NHS14, NAQ16, PS12, QA13b, RK11, RDN+17, SLZ16, SH16, SOPS12, 
Sus17b, TSTT13, TVZ+15, WG12, Wan16, Wei11b, XLX+15, dIRPL11].
Modern [HdM16, BS14a, CDSG11, Elin16b, HBL+13, RK11]. modes
[ALSW14, CS17, HSK+12]. modifications [RL10]. Modified
[LYL+17, NIK+12a, ZLL18, BKN+17, DFM+15, Duf16, FZY13, GSZ13,
Jiw15b, KMS14, MS15, Ras09, Ras17, SMJ17, SBvD13]. Modular [CFW17,
Sin11, Sin12a, DLGP10, FWS+17, KP16, KSH14, Krc16, TCK+15, Zag14],
modulated [TTG11], modulation [Kap16, OCL+13]. module
[DF11b, DGST17, GST12, LRK13, SK12]. modules [AAB+10a]. moduli
[Bog16]. MOLDY [ADD+11]. Molecular
[AS16, DLGP10, Fil14, FFIH11, GM11, HLZ+13, LS17a, MTS11, MKB+11,
Ngu17, SBPN15, SYE+18, TD17, ZS13, Zhe15, ADD+11, Bar11a, Bar12a,
BBH11b, BPM12, BKS15, Bin13, BG13a, BG14a, BWPT11, BKPT12,
BY13, BCG+15, BBV+16, CTT17, CMM14, CXH+15, Col14, DEW16,
DES+11, DRR15, ESM17, FSH13, FCVH17, FRG12, Fio14b, GLR17,
GNA+15, GJH14, HST+11, HYM11, HWX+13, HAN+16,
HBH+17, HWL+17, HVM10, HVR10, HM17, HDMI2, JWL13, JPH+14,
JTT11, JKIS16, KST14a, KPA13, KDM11, Kon11, KKS18, KS15, LGW13,
LS12b, LHZ11, LK15, LLZ+17, LBR+18, LRR+17, MDW16, MGRB11,
MM17, Min11, MSH11, NBW16, NFA+16, NB17, NPAG11, iNSK+15,
OKM12, OYK+14, PLCC12, Rap11, Rei11, Rei12, RKGC+17, SGM18, Sco13,
SOV+13, SC16a, SMO16b, SCM14, SCM13, SAG13]. molecular [SA14,
TS11, VBG+10, VK14, WSI13, YK12, ZBG+16, ZZHG18, dBCH14].
molecular-continuum [NFA+16, NB17]. molecular-dynamics
[HYM11, MSH11]. molecular-hydrogen [BKS15]. molecule
[ART17, CNMC10a, CNMC10b, EY11, EBDM17, Faw10, LJSW11, WG16a].
molecule-fixed [CNMC10a, CNMC10b]. molecules
[BRH+16, CRNK12, DVB11, FS17, GNT17, Koi13, LRR+15, MGB18,
PZY16, Sit18, TC11b, WFM14, Yan11, YLTS16, ZYX15, ZZ15, ZMT12].
molgw [BRH+16]. Mølster [KK14a, KBB+17]. MolSOC [CL14]. moment
[KKG+15, LLL14a, MMA15]. moment-independent [LLX14a]. momenta
[AC16]. moments [MR+17, RE12]. Momentum
[HHC+10, BAK+15, BAK+16, BAK+17, DSM+11, EUT+15, HKJ+12,
MGB18, MMT+11, Trö11, Wei99, YK18]. Momentum-time [HHC+10].
monotonic [SC15]. monotonically [HRC11]. Monte
[AIG16, HKZN17, JPSS10, MBRV+13, NSXZ14, OPO+11, OPSR13, TDL+14,
Urb18, WLZN17, ZTG14, ZDD+13, AFIS12, ASGLK10, AK15, ABB+14,
ASPD1+16, Aol100, AK13a, AK13b, AMJ18, BKV16, Bar11a, Bar12a,
BDP16, BVPI10, BG11, BMW14, BG13b, BLG14, Bon15, Bon16, BENV+17,
CL11, CL15b, CKS10, CNS+14, CI11, DSHS17, DGPS11, DPK+15, Den11,
DDKM15, DKT14, EBDM17, ES11, FGGM11, FW11, FDWC12, GA15, Gin10,
GSB+14, GW+11, GB17, HBE10, HMR14, HP11, HWM+15, Hu17, IUM13,
JLA+14, JA17, KOT12, KHE12, Kan14, KRW13, KC14, KKK+17, KNS+17,
KSW15, KPvHdH13, LS14, LS15a, LS15b, LWL11, Lut15, MP11, MRZ10,
MEM+11, MW14, MHR+13, NPAD11, NH16, NM14, OPR14, PM14, RF16,
RMS+12, RV10, RV11, SI11, SGNL17, SFP11, SL16, SHT18, SMJ17]. Monte
BBC\textsuperscript{+}13b, CDTV10, Des16, DPB16, GG16, GFJ\textsuperscript{+}14, GBJ\textsuperscript{+}15, PDL\textsuperscript{+}18, SZY\textsuperscript{+}12, SHZ13, SAY\textsuperscript{+}18, Shii16, SUS\textsuperscript{+}17a, Tom16, ZSW\textsuperscript{+}17b]. \textbf{nuclearity} [DRR16, RRCSCJ10]. \textbf{nucleation} [JJB11, RDP14]. \textbf{nuclei} [Bab14, DT11b, DML\textsuperscript{+}16, GC10, GC13, GC16, LMAB16, NPVR14, PUO14, WSI13]. \textbf{nucleon} [AHK\textsuperscript{+}12, GBD10]. \textbf{nuClaus} [GC18, WR16]. \textbf{nuCraft} [WW15]. \textbf{nudged} [QDZ\textsuperscript{+}13]. \textbf{null} [HLW16]. \textbf{null-space} [HLW16]. \textbf{nullity} [YE14a]. \textbf{number} [ASPW13, BS11, BS13a, BS14a, BJCW13, BCJW13, CBGY17, Dem11, FP14, GP13, GBS16b, LS15a, LNP\textsuperscript{+}17, Mis13, Sav15, SS13a, Sib17, SCM\textsuperscript{+}18, TC11a]. \textbf{numbering} [BBC\textsuperscript{+}13a]. \textbf{numbers} [BS13a, BCJW13, Nog17a, Nog17b, UO15b, YB13, ZOZ13, ZNT15]. \textbf{Numeric} [GBRB11, KCA\textsuperscript{+}15, LRW\textsuperscript{+}15]. \textbf{Numerical} [ASEA14, ACCB13, ALSW14, AD11, ACM12, AH13, ADdM\textsuperscript{+}12b, BBUY13, BCH13, BHJ\textsuperscript{+}15, BMNS14, BS12, BuH15, CMJ\textsuperscript{+}11, DG10b, DR12, FGLB12, Fis12, Fuk17, GG16, GLX\textsuperscript{+}14, HKSW10, HK12, HML11, HW11, HB13, HL13, Ixa16, JL12, JPM12, JK13, JHL\textsuperscript{+}15, KFS17, KM10, Kri12, LMRC15, LD10b, LS14, IlS/SZ14, MT13, MIW\textsuperscript{+}13, MFS\textsuperscript{+}10a, MC12, MM10, PKT15, PBF\textsuperscript{+}16, QwWL\textsuperscript{+}15, RC15, RAV11, RJ12, RGKR17, SW12b, VBMS17, Wie13, XJS16, XYM\textsuperscript{+}13, YdDH\textsuperscript{+}12, ZFH14, ZDWY10, ZW15, dHV12, AS11b, AB10, AGH\textsuperscript{+}16, ACM10, ACML11, AAT17, BK16a, BSK\textsuperscript{+}18, BCM\textsuperscript{+}16, BHJ\textsuperscript{+}18, CL10, CLL16, CvW12a, CvW12b, CFF15, DCC\textsuperscript{+}10, DCM\textsuperscript{+}12, Dat13, DS13a, DBD\textsuperscript{+}17, DN13, DM17, Den10, EZL\textsuperscript{+}16, EVB14, FSC13, Fuh15, GHerdL11, GV15, GA10, GN14, Gri11, GSKM15, GM14, HAV\textsuperscript{+}14]. \textbf{numerical} [HVMR10, HCSW10, Ixa10, JK10, JTN\textsuperscript{+}11, JWL13, Ji12, Ji15a, Ker17, KZ11, KL17, KAS12, KST\textsuperscript{+}14b, KP14, LV14, LK12, LYY\textsuperscript{+}17, LHH\textsuperscript{+}12a, MD11a, Mar15, MN16, MA11, ML16, NGCI\textsuperscript{+}12, PAS11, PMMW15, PQTGS17, PO14, Pit10, PE15, PDJ10, PB16, RM10a, RM10b, RLS16, Sal12, SK10, SL17, SW14c, SS11a, SD10b, SS13b, SK14, SST11, Smi14, SAS11, SCG11, TKR13, TZA17, TFBW14, TO10b, VLD\textsuperscript{+}12, WX11, Wu10, WL11b, XLL15, YZ16, YYWF09, YX\textsuperscript{+}15, YXT\textsuperscript{+}15, Žič14, dB14, dDYK\textsuperscript{+}18, vMB14]. \textbf{numerically} [BMBC\textsuperscript{+}17, DGST17]. \textbf{numExp} [TK14a]. \textbf{NuSol} [GG16]. \textbf{NVidia} [Lya15, MR14]. \textbf{NVM} [MNV13]. \textbf{NWChem} [VBG\textsuperscript{+}10]. \textbf{nX} [BFD\textsuperscript{+}11]. \textbf{NXSG4} [KB15b]. \textbf{Nyström} [FG13, KMS14, Kas12, WW10, YZWR14]. \textbf{Nyström-tree} [YZWR14].

\textbf{O} [ADH\textsuperscript{+}17, CJH11, LS11, CKFB12, DRUE12, GGI\textsuperscript{+}13]. \textbf{Oasis} [MVS15]. \textbf{Object} [CB15a, CB17, CB18, Asl14, BFD\textsuperscript{+}11, CDMCN11, CJ12, CFF15, DM12, HHP\textsuperscript{+}16, OKM12, SL16, WP10a, Zag14, CF16, FCC15, MBRV\textsuperscript{+}13]. \textbf{Object-oriented} [CB15a, CB17, CB18, Asl14, BFD\textsuperscript{+}11, CDMCN11, CFF15, DM12, OKM12, SL16, WP10a, Zag14]. \textbf{objective} [AZM14]. \textbf{objects} [AKKK16, CGJ14, GGF\textsuperscript{+}13, GSC\textsuperscript{+}16, JvOK17, KCS\textsuperscript{+}15, OL12, Ser10]. \textbf{oblique} [ÇÖSÜ11, VDB14]. \textbf{Obrechko} [SS13b]. \textbf{observables} [AM10, AM11, BBPS14, MKV11, Mur14]. \textbf{observations} [BVC13].
Optical operators [Bra15, LYL\textsuperscript{+}17, SD10a]. Opinion [YH15, CHDF10, IBKK11]. OptaDOS [MNPY14]. optic [FNPMB10]. Optical

Optical [MNPY14]. optic [FNPMB10]. Optical

Optimal [FBHB17, CNMC10b, DJ14, FSF11, Hoh14a, MFS\textsuperscript{+}10a, PSBT12, XLL15]. optimality [KL14]. optimisation [HdM16]. Optimised [IZRT15, RWKS15, Wei12]. Optimising [Rei10]. Optimization [BS14b, DF14, DCGG13, FGR14, MCY\textsuperscript{+}16, SG15, AcDS13, AZM14, BS15a, BR11, BPS\textsuperscript{+}16, CM10b, CLH\textsuperscript{+}17, CJJ\textsuperscript{+}17, DBJ11, FSJ\textsuperscript{+}16, DRI\textsuperscript{+}16, GWF\textsuperscript{+}16, GD14, Has11, HWL\textsuperscript{+}17, HJL\textsuperscript{+}14, HVMR10, HKVR10, JKG\textsuperscript{+}18, KPA13, KKP11, KHKR14, Kra11, KUV15, KL14, LHL16, LCRL10, MR14, MBGV15, PCVZ11, QwWL\textsuperscript{+}15, RMS\textsuperscript{+}12, RLL12, SWL\textsuperscript{+}15, SZM\textsuperscript{+}14, SKH\textsuperscript{+}10, TTT16, VvAV\textsuperscript{+}11a, VPP\textsuperscript{+}12, VHP\textsuperscript{+}15, WLZN17, XLCW14, YZZ\textsuperscript{+}17, YLYL17, ZBM11, ZPvR16, Zlo14, vRWS14, PE17]. Optimize [TVZ\textsuperscript{+}15]. Optimizing [BCG\textsuperscript{+}15, De 11, GBN17, KdMV14, RKVL14]. Optimum [PCVZ11]. OptQC [LWC14, LW16]. ORPUC [ÇÖSÜ11]. ORACLE [WS11b]. orbifolder [NRSVW12]. orbifolds [NRSVW12]. Orbit

Orbit [BDBV12, CL14, HSK\textsuperscript{+}12, Nis11, PCGM14, RE12, WX14, WLGY18, MPS13]. Orbit-based [BDBV12]. orbit-following [HSK\textsuperscript{+}12]. orbital

Orbital [CM15, CXH\textsuperscript{+}15, Cor14, FGR14, HHS\textsuperscript{+}10, KT12, KST14a, KAS12, MSt\textsuperscript{+}16, PS14, QwWL\textsuperscript{+}15, SGW17]. orbital-free

Orbit-based [BDBV12]. orbifold [NRSVW12]. orbifolds [NRSVW12]. Orbit

Ordinary [NO12, ADdM12a, ACdM15, 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, KJMS16, OKM12, SL16, WLG+13, WP10a, Zag14].


BHND16, BENK¹+17, CPR12, CUL¹+17, CDR¹+15, DBDP12, DSS¹+12, DRUE12, FZ16, FZY17, GS15, Gai17, GP13, GWF¹+16, GS17b, GS17a, GD14, GB14, GZWW18, GX15, HAV¹+14, HFOPF15, HBH¹+17, HCHW11, JEFFP14, JHL¹+15, KÖG17, KD17, KBB¹+17, LAA¹+10, LSG¹+12, LHH¹+12b, LHH¹+12a, LS12b, LHZ11, LW14, LW16, MDW16, MIW¹+13, MM17, MCA17, MSI¹+10, MGB18, MGR16, NOR15, NFA¹+16, NPAG11, Gnu17, NM14, NFS15, OCF10, ORS¹+14, PDC14, PGÖ17, QL10, Qia17, RJLL16, RFSF18, parallel [RBB15, SL16, SSF¹+17, SDS15, Sha13a, SOM¹+13, SC16b, SOJ14, Ste17, SMGK14, Str15, SPSP18, Sus17b, SSM¹+17, TTT16, VKP14, WMK11, WAHL13, WSH¹+12, WC15, WRvlL15, YHL11, YLQ¹+17, YL12, YBNY13, Zag14, ZAFAM16, ZSW¹+17b, ZMJ13], parallel-adaptive [GX15]. Parallelisation [MFH¹+13, Roh16, SCC¹+12], Parallelised [FKH15]. parallelism [BS14a, BKS15, MDGC¹+12, TGH¹+16], parallelizable [Smi14]. Parallelization [HBE10, MiH12, ASPW13, CWY¹+17, DKG¹+14, DO14a, GLAC13, JFC12, KEH12, LKM¹+16, LW14a, ML17, OLG¹+16, PMS¹+15, RGH10, SCB¹+17a, THDS16], Parallelizeable [SST11]. parallelized [GJB11, HHS¹+10, OKM12, TKL¹+12], Parallelizing [TD11]. Parameter [Mau16, Ber16a, Ber16b, BHVM15, BFM10, Che17, GCVA14b, JW13, LAS¹+17, LHL11, MKR¹+12, MD10b, PM13, PIH11, Yam16], parameter-free [PIH11]. parameterization [AANAJ12, KHKR14], parameterized [KL14]. parameters [CÖS11, HM12c, KPV16, MDPTTC17, MPS13, OÖ15b, PG10, RKVL14, SZM¹+14, WDR16], Parametric [Lin13, WXL13, BCMS10, GCVA14b, Zhe15], parametrization [LTP¹+17], parareal [SCB¹+17a], PAREMD [MBG18], parentage [Dev12], Pariser [KS12, SS10a], parity [AB10, AKH12, SHZ13], parity-dependent [SHZ13], Parker [DSP15, LKW11], PARPLE [Str15], Parr [KS12, SS10a], Parrinello [VCMS¹+13], Parsek2D [IBP¹+15], Parsek2D-MLMD [IBP¹+15], Part [ALS16, Dan10a, Dan10b], partial [DHJ13, FBHB17, GCVA14b, HK15, Jiw15b, JK13, MBJ¹+10, SGDS16]. partially [McM17], participating [CAN11], Particle [KDP¹+14, BOPL17, BMJ15, BKPT12, CBAM12, CDR¹+15, DS11a, FHTO17, GLHG12, HPKF15, HZW¹+16, JBKM15, KS16a, KKK¹+17, LBM¹+14, MDPTK15, NHSY15, QL10, VGM¹+15, AM14a, ASPW13, AGMS15, ABCM14, AGB¹+15, ABRs12, BCH11, BPB¹+17, BBB¹+17a, BHN17, BS15b, BE14, BTL¹+17, BCDP18, BY17, CATK11, CPW17, CC14, CC15, CSJ¹+17, CL11, CSSB15, DCM¹+12, DET12, DGPW11, DF14, DBP¹+18, Dev12, DCVB¹+13, DCGG13, ENEO15, EKO16, EKK14, EW14b, Evs14, FLW17, FN17, GWF¹+16, GKM10, GSMK17, GAHP15, GD14, GH15, HBE10, HK1¹+12, HAK¹+14, HCSW10, JXTS16, KB15a, KRK16, KKG¹+15, KKH¹+11, KvdO11, KK17, KPPC13, LJE11, Liu11, Liu13, LTP16, MDPTTC17, MKL17, MKU¹+12, MF17, MST¹+18, MH18, Men11, MEM¹+11, MBGK11, MGK13, MAM14, MTO15, MNC15, Mühl14c, NFS15, PR14, PMMF15, PG17, PBS¹+17], particle [QLN14, RKVL14, RAV11, RH17, RTA10, SSS¹+11, Sch14a, SS14, SWL¹+15, Sie16, SN16, SM11, SSP16, SSK17, Sok13, SYE¹+18, SMCB¹+15].
**Performance**

[PSMS14, PSMS15]. Performance

[CMRVV14, FBN15, KKP11, KVV11, LSYZ12, Sha13a, Sin12b, TRM12, Yi11, AL17, Ara14a, Ara14b, BB117a, BHNS17, BCI17, BR13, BWPT11, BKPT12, BY13, CDS13a, CL15b, CRA10, Ein16a, GS15, Gai17, GBK12, HLZ13, JTW17, JVR12, LSR17, MMO17, MSV15, ML16, DPHB17, NMS14, NFS15, PGO17, Rap11, RV10, SGM18, SHZ13, SSF14, TGH16, WGVPL17, XLCW14, DJB116].

perfusion [BBB17b].

peridynamic [CB15b, HS14a].

periodic [BRB12, BDT15, CWY17, DV11, EBCBG17, GBP13, HBP14, HBS11, KFS17, KS12, KMJS16, KSY17, LRW15, LF12, Mil16, PMS15, Qi17, SS10b, VDB14, YW17, YLK10].

periodical [KAS12].

peripheral [KNS17].

Perl [MGFRG12].

permanent [RMS12, RE12].

persistence [KCL11, SBB17].

personal [Cip11].

personalized [QHZ14].

perspective [MTO15].

pertaining [OK14].

Perturbation [BK13b, BRH16, CS10, GBR14, KBB17, KPST15, LV10, MGRB11, Nis11, SCR17, TVGB15, ZX10].

perturbations [LMRC15, Tie14].

perturbative [WL11b].

perturbed [Bla15, FMW10, GN14, Wu10, YWYF09, ZZZ11].

petabyte [Ano11o].

Petaflap [BBF13].

Petascale

[CPU+14, YBNY13, CBGY17, SKSK13, VCS13].

petascale [SSS11].

PETOOL [OAKS11].

Petviashvili [LS12a].

Pfaan [GBRB11].

Pfaans [RW11].

PFMCal [BDGM17].

PGAS [BY17, TSTT13].

Phase

[DV11, JC16, KV10h, LSLK17, Ots11, Raw15, WJH14X, XHL12, YLO13, A015, BT17b, BMW14, BS12, CZD15, CHW15, CMR17, Evs14, FHI11, GTS14, GZW17, GLW14, GX15, Hon10, Ki10, KSW15, KS15, Liu15b, MRSD15, MK10, MSL15, MSHL17, MS15, OLC11, PS14, QDZ13, Raw16, SYD17, SIE16, SJW10, TKP15, VDF15, Wai12, YLK10, ZAFAM16, ZKG18, vdSM16].

Phase-Amplitude [Raw15, Raw16].

phase-covariant [BS12].

Phase-field

[LSK17, CZD15, GZW17, TKP15, YLK10, ZKG18].

Phase-fitted

[KV10b, PS14].

phase-lag [MS15, OK11].

phase-space [KS15, OK11].

Phasego [Liu15a, Liu15b, LHW16].

phases [BSCW14, PS12].

PHAST [Fri17].

phenomena [KS15].

phenomenology

[ACD14b, BSW12, CFS13, LCE13].

PHI

[BFD11, RJKC16, LyA15, MSS14, SBE16].

phone [Sal12].

Phonon

[CP15b, Kon11, Scol13, BW16, CTT17, CCX15, CGRB14, KA17, Liu15a, NGM10, PMVG16, ZZ17b, ZZ17b].

phonons [CVK17, LCKM14, WCL14].

PhonTS [CP15b].

photoelastic [WIT14].

Photoelectron [MB16].

photoinization [Hei12, HH11a, LH11].

photon

[CM1J11, DKT14, HEW13, SMCB15, Tic10, VD11, ZLM12].

photon-based [CMJ11].

Photonic

[BDGM17, HWCH11, HLW16, NJS17, PYW14].

photonic-crystal [HWCH11].

photons [LN16].

photorefractive [Z16].

PHOTOS [DPW16].

photovoltaic [CLH17, RF15].

Phys

[AZ17a, Ber16a, ERS10c, KYKN15a, LR16, Nat10, Ras17, RC16, RH15a,]
prescription [Deu16]. presence
[BT17b, 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
[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, KCL11]. probe
[AAJA14, TCK+15, XLX+15]. probes [BMG+15, KKS18]. ProbeZT
[KKS18]. problem [BBB17b, BBC+13b, CLH+17, CDMCN11, CD12, Cho11,
DPB16, Dua10, EKO16, GLX+14, Ixa10, Jal10, KI16a, KPA13, KL11, LX12,
LZP12, LWW10, MW12, MFM15, MK10, MD10b, PS11, RM10b, RC13,
RC6, SCS12, WHB16, Wan10b, WP10b]. problems
[AABB+13, AG12a, BCDP18, CAN11, CCHL11, CS10, Des16, DB13, DS15,
FGR14, GHvdL11, GN14, GCHL15, HKS10, Ixa16, Jan10, JWM+18,
JOR+12, KV10a, KBS12, KAS12, KL14, LMRC15, LV10, LHJZ10, LWL12,
LHC+13, LW14b, LAC+17, LR13, LR16, MCWJ15, ÖY13, PS14, PS11,
SKFP16, SS13b, SK14, SMCB+15, SS10b, TFBW14, TACA15, TVT+16,
VSO+13, WFV14, ZHSL13, ZWLZ17, ZS10, ZLL13, ZNT15, vRWS14, vWB10].

procedure [AKS17, BW16, BSWC14, KMD12, KM17, KSW12, TIMM13].

procedures [Dua10, FG13]. Process [HDZ14]. Process
[BKS15, DKT14, LTL+12, LCRL10, dHGCS11]. processes
[BDvGS11, CPHL14, CF17, CRC+13, CI11, GTPW12, MKB+11, OK12,
RCD+10, Ros15, TCI1b]. Processing [Dem11, Mau16, MSML10, YLO13,
BK11a, BJCW13, CDS13a, CMSN18, CSSB15, Col14, DBDP12, DS11a,
DF13, FSH13, FUS14, FCVH17, Fli14, Fri14b, FWS+15, FZY13, HAN+16,
LA4+10, LAS+17, MED11, MEM+11, NPAG11, PVH+17, PLD+13, RFS18,
SH12b, SSM+17, TD11, Tic10, WDL11, WWFT11, Zlo13]. processor
[APRG11, NBN+14, Rap11, TB14]. processor-based [TB14]. processors
[LSG+12, RJKC16]. produced [AG14]. product
[DBK+14, Eks11, GDB10, HR11, Tos10]. production
[BBUY13, BKMP16, BG14b, CWW10, CWW15, Cip13, DDKM15, GLPQ11,
Gin10, HLM13, KKK+15, Les16, OK12, WW13, YWW13]. PROFESS
[CXH+15, HHS+10, KST14a]. profile [Gio14a, VSG17]. profiles
[AANAJJ12, MSNN11, Wai12]. Program
[BS11, BS13a, BB13a, CGV13, DHR14, GBS16b, LSDD14, NS10, VPM16,
AC13, AM10, AM11, Arb12, Asl10, AZ17a, AZ17b, BGM+14, BF16, BBPS14,
BH14b, BFD+11, Bog16, CKLM10, CDTV10, CH11a, CATK11, CXH+15,
[APRG11, CCXC15, GCF+17, IB11, KME+11, SPS10, WP10b]. **pulsed**

[CHC+11, GC12, LJSW11]. **PumpKin** [MLGVE14]. **PUQ** [HHM+15]. **pure**

[CB13a, KAR+15, NS11b]. **purpose**

[ASPDL+16, AABC+13, DBP+18, Fer15, GJ14, GNA+15, LPC+15, MSl+10, RFPM+17, iSSM11, SS10a, TdAdSS11]. **PWBA** [BPC12, Cip11].

**pyCTQW** [IW15]. **PyDII** [DMC+15]. **PyFR** [WFV14]. **PyGBe** [CB16b].

**pyiAST** [SSH16]. **pyJac** [NCS17]. **PyR** [LSSW14, LS17b]. **pyramidal**

[ZHC16]. **pyrochlore** [IUM13]. **pyrolysis** [XAPK14]. **pySecDec** [BHJ+18].

**PYTHIA** [KRW13, SAC+15, EGP10]. **Pythia8** [AAB+10b, War16].

**Python** [CMM14, CFSK14, CFW17, CSRV13, CKK+13, CBB14, DMC+15, GdGB+18, HHP+16, JNN12, JNN13, KPK+17, KSH14, LS17b, ML16, RKVL14, SSH16, Var16]. **PyVCI** [SC16a].

Q [SKB10, Wan10b]. **QBB** [Gin10]. **QCD** [AC15, AC16, AC18, BLPP13, BBUY13, BK13b, BCS10, BBC+11, BCDI12, BS13b, Bot11, CB13a, CDS+13b, CBB+10, FKL13, HKK11, JPSS10, KP12a, LCL+11, LS13, MWL+10, NIK+12a, NS10, STK10, SV13, TK10, WL11a, War16].

**QCDLoop** [CEZ16]. **QCDMAPT** [NS10, NS11a]. **QCDMAPT_F** [NS11a].

**QCDNUM** [Bot11]. **Qcompiler** [CW13]. **QCWAVE** [TJD11].

**QDENSITY** [Tab16]. **QDENSITY/QCWAVE** [Tab16]. **QED** [BCR14].

**QEDMOD** [STY15, STY18]. **QEDv2** [SV14, Vuk12]. **QIST** [HWM+15].

**QLM** [Kri12]. **QM** [MMSF+15]. **QM/MM** [MMSF+15]. **QmeQ** [KPK+17].

**QMMMW** [MMSF+15]. **Qprop** [MB16]. **QQbar_threshold** [BKMP16].

**QRAP** [SKB10]. **QSATS** [Hin11]. **QSWalk** [FRW17]. **Quadrature**

[SPSP18, AG12b, AAT17, BK12, JPM12, Jiw15b, MSR10, MN10, P11, Sch14b, Shi16, PSP16]. **quadrature-based** [BK12]. **quadratures** [PPY14].

**quadric** [ASPDL+16, DSPJ10, GSB+14]. **quadrilateral** [LWRQ16].

**quadrupole** [TUY15]. **quality** [SZC+13]. **quantification**

[CSS+14, KZ14, O15b, O15a]. **quantitative**

[BHH+10, BBH+15, CSC11, LN16, SSM+17]. **quantities** [KFF+16, LCH11].

**quantity** [CLH+17]. **quantization** [Zit11]. **Quantum**

[BDK11, BG11, CW13, DSW15b, DS13b, FGMG11, GRTZ10, KYM+17, LCH11, LW13, ON11, PNL13, TTS11, ZZD15, ACTP15, AK13b, Az13, BBW11, BM14, BBC+13b, BMNS14, BAF18, BS12, CZ17, C18, CL10, CK12, CB16a, Dat13, Den10, DH14, DMI14, EY11, FRW17, FUSH14, FE11, FLW17, Fri14b, GWP+17, GZL14, GM16, GH15, GWF+11, HWG13, Hin11, HR11, Hoh14a, HWM+15, Hua17, J11, IO16, IW15, JNN12, JNN13, JMG+17, JDG12, KSL+11, KPK+17, Kro16, LKM+17, LV13, LW11, LWC14, LW16, Luj15, LIB+16, Men11, MNW+17, Mis12, Mis13, MK11, MBFD12, Nog17a, Nog17b, NVW+13, OBH10, ORCR17, dRJL14, PFA+15, PBS+17, PKRS16, RF10, RK11, RPL+14, RC11, Sai13, SV14, San15, SL17, SZ15, SKFP16, SPMM11, SOM+13, SGI17, SH16, SZM+14, Sou14].

**quantum** [SCG11, SKSK13, TJD11, Tab16, TGG11, Vuk12, WFM14, Wan10b, WC10, WM13, WPA14, YÇO15, ZHC16, vWB10, BKC+17,
regular [MKV11, NO12, SSG+10]. **Regularization**


[Relativistic]

[GLB13, Hsu11b, Müll14a, Aza13, Bab14, CGM17, CEF16, Fri12, GM11, GTS14, GBJ+10, GBJ+12, GBJ+13, GFJ+14, GBJ+15, GYW+10, HH11a, JGB+13, KH14, KKG+15, KNS+17, KPST15, KMA+12, LWES18, MDHD18, MCA17, MF17, NGG+13, NLVR14, QYM11, QA13a, SZY+12, Sar17a, SQS+16, SSIa, SLEF17, XYM+13, ZD15, dRM18]. relativity [MG10a, Mul11a, Bre10, GLMG12].

[Relaxation]

[BSM13, BPP11, BPMS16, Eba13, FN17, KS15, MKB+11, SW12b]. release [GRR+14, RKGC+17]. relevant [LPBH11, MPS13].

[Remapping]


[Reservoir]

[AS16, ABRS12, BMG+15, CBGY17, JP10, JAS17, Sit18, SCM+18, TRM+12, dB14]. resolved [Sie16]. resolved-particle [Sie16]. Resonance [KH11, VCMS+13, ASE14, GH11].

[Resonant]


[Resilient]

[DFM+15, Duf16]. **RGEs** [LS17b]. **RGIs** [Ver16]. **RHEED** [Dan10a, Dan10b, Dan11, Dan14, Dan16, Dan17]. **rhoCentralRfoam** [MTE17]. **rhomboedral** [WWL11]. **ribbed** [JU17]. **ribosome** [MTSI11]. **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, TZE17, dRL11]. **Roe** [TCP13]. **role** [BNAB11, GAHP15, Has11, HH11b, PDJ10]. **rolled** [NJS17]. **rolled-up** [NJS17]. **root** [KKP11]. **ROOT** [Ano11o, Car10a, Car10b, ZHL11]. **Roothaan** [BMW14, SEW12, SEW14, SW14b]. **roots** [Zou18]. **Rosenbluth** [GB17]. **rotating** [JWC13, LCCC11, TZM17]. **rotation** [BSM13, VDAH16]. **Rotational** [AS11a, KSW12, CATK11]. **rotationally** [HC17, QwWL+15]. **rotations** [OML11, PUO14]. **rotors** [ZBG+16]. **rough** [EBCB+14, KC14, SKML11]. **roughened** [CLY11]. **round** [JCL10]. **round-off** [JCL10]. **roundabout** [WH15]. **route** [CMR17, SDL+16, mZfXL15]. **routine** [RM10b]. **rovibrational** [CNMC10a, CNMC10b]. **RPA** [CCGC13, DSW+15a]. **RPIM** [DG10b]. **RPMDrate** [SAG13]. **Rubik** [CD12]. **rules** [Nog17a, Nog17b, Sem16, WL11a]. **run** [GHdf10]. **runaway** [LSF14]. **RunDec** [HS18]. **rung** [DSW+15a]. **Runge** [BM13, CFMR10, DBMR18, DIP11, DM17, FG13, Ixt12, KMS14, KZC+10, KAS12, MIW+12, MKS10, NS15, WXL13, WW10, YWWR14]. **running** [CDS13a, KP16, SS12]. **RWG** [ZDWY10]. **Rydberg** [SPAM17]. **Rys** [AG12b, Sch14b].

**S** [BFD+11]. **S/PHI/nX** [BFD+11]. **SaaS** [VPMVH+17]. **SADE** [FF11]. **SAFT** [ESM17]. **SAFT-** [ESM17]. **Sailfish** [JK14]. **Salpeter** [GGG16, GVS+15]. **sample** [MP11]. **samples** [MP15]. **Sampling** [BBV+16, Hal17, KBT+14, RPB+15, BFM10, CND11, GM14, IO16, KCN18, KD17, KI11, KS16b, KSW15, KS15, LWL12, PPS10, RLBC+14, SSBS15, TBZ12, WHL+12, Wi15, 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** [SBB13]. **Saxon** [DT18, MAM14]. **Sb** [AM14b]. **SbNCA** [BKA+14]. **Scalability** [ZZG+16, APC+14, SC13]. **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, BJH+18, BAF18, BY17, CB15a, CB17, CB18, DSW+15a, Deu16, DADS11, DO14b, DML+16, GS15, GHvdL11, GZL14, GHdF10, GBS+16a, GAO13b, HLS12, HLS+17, HKK11, JEFF14, JXTS16, JW CW17, JOK13, LR13, LR16, MBS+10, MCNRC16, ORS+14, OP12, PLD+13, RLM13, Sch14a, Sha13a, SLZ16, SPS18, Tau10, THDS16, TIMM13, TIM+16, UBRT10, VBG+10, WSI13, WSH+12, WLS17, YFAT17].

Scaling [ZMJ13, AS11a, BH14b, BH16, CCWL11, FUSH14, GNA+15, GYW+10, HHS+10, JWCW17, KBB+17, LD10b, MMO+17, OOK+12, RWKS15, dSVLP13, vMB14].

scanning [Fer15, PSMS14, PSMS15, TCK+15, MAC12].

Scans [Mau16].

scatter [TTS11].

SCATCI [ART17].

scatter-gather [MTO15].

scattered [End11].

Scattering [BD12, AV13, AKR15, AFIS12, Bab14, BH16, BH17, CKLM10, CAN11, CGRB14, CRNK12, EW14b, EW16, GLAC13, HC16, HHT14, IB11, Jab17, KC14, KB15b, KL11, KvdO11, LHIJ10, 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-independent [Les16].

schemes [ACMM10, ACM12, BK16a, Cap13, CBAM12, CM14a, DBMR18, DJ14, FDZ17, GA10, GLW14, HWS16, HJ14, JKIS16, KPvhdH13, llsSZ14, LYL+17, MIW+12, PTMDPK14, QA13b, SYE+18, XYK12, YZ16, dMR18, vdS10].

Schild [WN10].

Schmidt [CBGY17].

Schramm [SW11].

Schrödinger [ABB13, BAR12b, CWS14, Cap13, CPV13, CZS10, CSJ+17, DT10, DT11a, DM17, Dua10, DM12, FE11, GS15, GG16, Ixa10, JYPA18, KZC+10, LV14, LW14, LST15, Lin13, LB10b, LY16, MC16, Moh14, ICD13, MONO11, ON12, PAS11, PM16, QSC14, SS+13, SB11, TD14, TT14, TY10, Wan10a, XZ12, ZST11].

Schrödinger/Gross [ABB13].

Schroedinger [SMdONF14].

Schwarz [HLLH16, HCSW10, TV+16].

Schwinger [CKCS13, HB12, HM12b].

Science [LSJ13, SNG+11, TN11, CKhN11].

sciences [GMH11].

Scientific [CCdC+11, Che11, CSRV13, Dan10a, Dan10b, Dan11, Dan12, JVR12, OTC14, RSSH+10].

scintillators [KME+11].

scrape
[JHL+15]. scrape-off [JHL+15]. screened
[GWl+17, GHL15, PH11, ZHPS10]. screening [CSC11]. scripts
[CF16, Gio14b]. SCTE [MGFRG12]. search [BBB+11, BG13a, DR12,
JTP15, KPvvdH13, MTS+16, PP13, PMS+15, TC11a, WP11, WRFS15].
searches [GTl+17, VPP+12, WRvdl15]. SearchFill [DBJ11]. searching
[ANO11a, LOK+16]. SecDec [BH13, BCH13, BHJ+15, CH11a]. SecDec-3.0
[BHJ+15]. Second [BB13a, HD17, ADdM15, BKV16, GPS+13, KTB17,
Kir10, KBB+17, LX12, LJSW11, LW14b, NS15, NO12, PKT15, Pla16, RL10,
VEB+18, WC13, WYSW10, WT15, Zit11]. second-order
[BKV16, GPS+13, KBB+17, LW14b, PKT15, RL10, WC13, WYSW10].
second-quantization-operator [Zit11]. second-order
[BKV16, GPS+13, KBB+17, LW14b, PKT15, RL10, WC13, WYSW10].
section [ALL+11, BS13b, BHS15, CYD11, CM14b, DHS14, OILK17, Shi16, vdS13].
sections [ASEA14, BPC12, Cip11, Cip13, Gao13a, GLS+13, Kol14, Lit13,
PDL+18, VC10]. sector [BBH+11a, CH11a, KU10]. sectors
see-saw [BBC+13a]. seed [ASPW13]. seesaw [CGV13].
segment [LFG14]. segment-wise [LFG14]. segmentation [MGO13].
Segmented [KS16a]. Seismic
[LZZL10, CL15a, GMRHRCME13, MCA14b]. SeismicWaveTool
[GMRHRCME13]. Selecting [CB15b]. selection [CLH+17, HJH17].
selective [JK13, TIM13]. Self
[BMC+11a, CCGC13, ASGLK10, AK15, BCH11, CDTV10, Den10, DR12,
GCA14b, HPKF15, KOK17, MT13, NPPVR14, PB13, Pit12, QHC+10,
SEW12, SEW14, SBB13, SHNM11, XNK+16]. self-adjoined [GCA14b].
[CCGC13, CDTV10, DR12, KOK17, NPPVR14, SEW12, SEW14, XNK+16].
self-consistent-field [Pit12]. Self-energy [BMC+11a, PB13]. self-force
self-questioning [QHC+10]. self-adaptable [CFCB12]. Selfconsistent
[ELL+17a]. Semi [DS15, KZC+10, BB12, CZD15, DS10, Ein16a, FJK+17,
GAB+16, IBP+15, JYPA18, Lan13, LHH+12b, MIW+12, MRVF13, QSC14,
Ser10, SMdONF14, SHL+11, UNK12, WG16b, Wie15, ZLL13]. semi-analytic
[Ser10]. semi-analytical [DS10, FJK+17, MRVF13]. Semi-analytics [DS15].
semi-automatic [Wie15]. semi-axis [SMdONF14]. semi-discretized
[JYPA18]. Semi-explicit [KZC+10, QSC14]. semi-implicit
[BB12, CZD15, IBP+15, LHH+12b, MIW+12, SHL+11, WG16b].
semi-infinite [ZLL13]. semi-Lagrangian
[Ein16a, GAB+16, Lan13, MIW+12, UNK12]. semiconductor
[ASGLK10, AK15, ACCB13, Bot12, CM15, CL10, CLL16, DJ12, GTG+11,
HHC16, MH12, NAQ16]. semiconductors [GC12, KOK17, LZL11].
semidefinite [VvAV+11b, VvAV+11a]. semiempirical [IIO16].
semismooth [CB15d]. semismooth-Krylov [CB15d]. sensitivities [GA13].
sensitivity
[CSC11, HS14a, KTA12, PPS10, SAA+10, SK10, TBZ12, WLH+12, WLS13].

separation [MSRL10, SJW10]. sequence [GCF+17, HLD13, ÖY13].

SequenceL [BBB+17a]. sequences [DBB12, DB13], sequential
[AL17, NM14]. serial [CUL+17]. series [ADdM16a, ADdM17, CZ17, CC10a, CO11, GMPFC+14, HvWT17, LLHC11, NO12, YZCS18]. SERS [cly11].

[NHSY15, FM12, Fha17, Kt10, KN13, MBFB13, Pit12, RCGT16, XHLM12, XLX+15, YS17, MFG+13]. sets
[Cor14, FBG10, GJLB12, JH15, SXC+13, VdLF14]. setting [CNS+14].

several [GCHL15]. sfermion [HEF12]. SFOLD [HEF12]. SGO [CJJ+17].

SGS [Zsw+17b]. Shafranov [HS14b]. shaking [RHHF12]. shallow [QM10].

Sham [SC12, SCB17b, SPSP18, zYCG+18]. Shape [CLY11].

shafer [CMVRB+14]. shear [CDL+12]. Shear [CMVRB+14]. shear-shear
[CMVRB+14]. sheath [KMD12, KM17]. 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, TRK13]. short-range
[ADD+11, BTM+17, FN17, HWL+17]. Short-recurrence [BBF+10].

short-time [Fri10]. shorter [dJBIM16]. shot [HLS12]. showers
[GB14b, GrZ10, TS10, War16]. shuffled [AZM14]. Si
[CHW+15, Dan16, MTS+16]. SiC [Dan17]. sides [STK10, TKS10]. sign
[BH11, Kap16]. signal [JJHG14, LCRL10]. signals
[CMM12, 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]. Similflowy [AABC+13]. similar [FS17]. SIMLA [GH15].

Simple [DSW15b, NOR15, PM16, AL17, CCL15, DZ15, GAHP15, KKG+15, KOK17, RU13, SGM11a, SGM11b, WWC+16, WCT11, XWhZ13, XW15, YZY10, YB13, dSVLP13]. simplex [Kap12b]. simplification [SBQ14].

simplifications [BD12]. Simplified [vMB14, SA14, TVZ+15, YZWR14].
simulate
[AMM11, CUL+17, MPM14, SQA+15, TXZL15, TS10, WGG16, ZBG+16]. Simulated [BL14, BSM13, BDKS10, CM10a, CD12, HG13, IZRT15, LM12,
VdLF14, VDF15, Yam16]. **Simulating** [GH15, Gre18, Hoh14b, RFSF18, Wan16, Wei11b, BHNS17, BENK+17, CJI2, DMC10, HGCARM15, JPK+12, 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, SOÖN11, SKH+10, UIY11, XLX+15, AFIS12, ASPDL+16, ALSW14, AIG16, AABC+13, AAJA14, BF16, Bar11a, BK16a, BE14, Boe14, BCM+16, BO12, BHN16, CC16, CHC+11, CSSB15, CHH+11, CvW12a, CvW12b, CdFDS16, CI17, CCN17, DG10b, DSW+15a, DHJ13, DBP+18, DES+11, DDM14, FFT+14, FGC+11, FFIH11, FM15, FN17, GC12, GM11, GR+14, GRZ10, GB+14, GB14, Gri11, GRTZ10, HBE10, HBL+13, HKJ+12, HT12, Hs11b, HB13, HHT14, HCSW10, JA17, JXST16, Jw12, JPM12, JAS17, K10D17, KNS+17, KO12, KO13, Kro16, KMS16, KCS+15, KP14, KSYY13, KQYH17, KSY17, LCC13, LDR+17, LJE11, LJSW11, LCH11, LX14, LSK+13].

**Simulations**

[KK16b, KC14, KP16, KS16b, KH11, Kon11, KG16, KR15, LYP14, LPC+15, LGW13, LLSK17, LS14, LS15a, LS15b, Les16, LW11, LUX+17, LH11, LYL+17, LW11, LSK+14, LBP15, MMSF+15, MDW16, MIW+12, MIW+13, MAC12, MMO+17, MKL17, MM17, MP11, MFS+10a, MS14, MRZ10, Maz13, MNV13, MVI+16, MHR+13, MMA15, MNPF17, MTO15, MKB+11, ML6, MSM+11, NBM+15, NNWS15, NFA+16, Ngu17, iNSK+15, NVW+13, ÖKC11, ORI+10, Oti13, PCGM14, PG17, PLD+13, PE15,


PLCC12, PDJ10, Qia17, RKVL14, RtV16, RV11, RHHF12, RJKC16, SH12a, SCB+17a, SFP11, SISW10, Sco13, SOM+13, SLZ16, SKK17, SJ11, SS11c, Sok13, SYE+18, SCM+16, SCM13, Sus17b, TK14a, TSK+17, TSTT13, THDS16, THDH14, Trö11, TYH+15, UBRT10, UO15b, UO15a, VBG+10, VK14, VMFS16, WFM14, WWHW14, WWC+16, WNYP17, WTH15.

Simulations [WDL11, WSH+14, WWVB11, WSH+12, WWFT11, WAW14, WWM14, XYM+13, YW17, ZW15, ZMvE+13, dHGC11]. Simulator [CP15b, IW15, MBRV+13, PR14, ZAFAM16, KDP+14]. simultaneous [SGDS16].

Sinc [CP15b, IW15, MBRV+13, PR14, ZAFAM16, KDP+14]. sinc-collocation [MM10]. Sine [SGDS16].


SOFTSUSY3.0 [AB10]. SOFTSUSY3.2 [AKH12]. SOFTSUSY3.5 [ABdA15]. SOFTSUSY3.7 [AMRdA17]. SOFTSUSY4.0 [AC17].

Software [Jav17, MCY+16, NFA+16, SSP16, AKZ+13, BCG+15, BRH+16,
soils [OML11, PBF16]. solar [GTSL13]. SOL-core [FLSZ13]. solar [BCP16, Bot13, CCD16, HXW13, JPCG15, KS16a, Miu11, NGCI12, dlRAPL11, PLD15, QDZ13, UA17]. solid-solid [QDZ13, UA17]. solid-state [dlRAPL11]. solidification [YK18]. solids [AKZ13, Hin11, MSHLS15, MSHL17, dlRJL14]. solitary [AS11b, DS11b, DN13]. soliton [DT11a, Pat12, TD14, XLL15]. soliton-like [XLL15]. solitons [DG10b, HWCH11, JPM12]. SOLPS [SCB17a]. soluble [vdSM16]. solute [DMC15, JJ15, XHLM12]. Solution [APV10, CDTV10, DS10, LHC13, PH11, RHHB15a, RHHB15b, SDM12, SDS17, AGH16, AH13, BSM13, BH16, BKS15, Bis15, CDMCN11, CSJ17, DT11a, DS11b, DN13, DSW15a, FGLB12, FFIH11, FM15, HKS10W, HK12, JK10, JL10, Jiw15a, KAS12, LD10a, LD10b, LV14, LZP12, LLP15, Lin13, LW10, LZ12, MJB10, Moh14, MA11, MM10, MNC15, NF17, ÖN12, OK14, PSBT12, PAS11, PDRG10, PR13, PTS12, PSL17, RDP14, RVA14, RM10b, RLM13, RGRK17, SW14c, SD10b, SS13b, SH16, SK14, SSK13, VBG10, YZ16, ZDWM17]. solutions [AD14, ADdM12a, Beu11, CZ18, CB13b, DGST17, Er14, JLW13, KMM13, LLL12, LLL13, sL10, MC12, MSZW11, MK10, MNO011, NO12, PAS11, PS14, SR12, TD14]. solvated [WFM14]. solvation [ZPH15]. solve [AD14, AD15, ADdM12a, DG10a, JSLM16, ÖN14, RJLL16, SS13c]. solved [ACMM10]. solvent [CBB14]. solvent-filled [CBB14]. solvents [ZBG16]. Solver [DSW15b, BMC11a, BMC11b, BKOZ16, BAR12b, Bot13, BC11, CVK17, CP15a, CPV13, CRA10, CBB14, CDR15, DLF16, DG13, DM12, Ein16b, Ex17, FJK17, FSC13, FE11, FZY17, GS15, Gai17, GBP13, GJ14, GJ13, GG16, HWG13, HW15, Hua17, HCHW11, KDM17, KYM17, KHI2, LYP14, LW14a, LC15, LCM14, LYX17, LF12, LWP17, LCH10, LCHM13, MC16, MTE17, MGL16, MR14, MCM12, ML14, MFM15, MSV15, MCL17, OIL17, ORS14, PZY16, PMS17, PBD15, Qia17, RVDS16, RC13, RC16, SKFP16, SSX14, SGW17, SELF17, TL17, Ter17, VV16, WBS18, WC13, Wit14, x14, YXT15, Zag14, ZPH15, ZPvR16, ZCG17, HB13]. solvers [AL17, BSK18, BB13b, CB18, CGM17, CBB10, DBMR18, DZ13, FR15, GWF11, HC17, Hoh18, LV15, Qia16, VLPPM14, zYCG18]. Solving [BAK15, BAK16, BAK17, CD12, CBB10, Dem13, DPB16, DSP15, ENEO15, Fil13, FGG11, HAK14, HAH13, HS14b, IH11, JC16, Jan10, LV10, RHI12, SMdONF14, VSO13, BK11b, BBMC17, CS10, CKK13, DT10, DM17, FGR14, GX15, HLLH16, HM12b, JPSS10, Jat10, Jiw15b, LLMW17, LBB16, LYSS16, LAG17, MLS10, MM12, ICD13, NAQ16, PS11, QYM11, QA13b, QA13a, RL10, Ras09, Ras17, SSB16, SS13, SCLW16, TY10,
UNK12, VVB+12, WFV14, XZ12, YZWR14, YSVM+16, YSMA+17, ZHSL13].
Some [CEPI10, FG13, MR13, MS15, ZHSL13, Er14, Ixa16, KD16]. soot
[ZLFM11]. sooting [EZL+16]. sorting [MEM+11, MM11]. SOSpin
[AZ17a, AZ17b, AFZ17, AFW16, CMC+15, CHC+11, CFW17,
CDR+15, Dan11, DBP+18, DBLF16, FLA+16, HSF+15, HKvH16, HWM+15,
Hua17, JNN12, KDM17, KPK+17, KSH14, LPC+15, LZ11a, LZ11b, LZ12,
MK10, MZE13, MSNI11, MVS15, MGFRG12, NMS14, NGCI+12, ORS+14,
SC16a, SPAW17, SAHP15, SDL+16, TL17, TACA15, VBG+10, WGG16,
WFV14, WPAV14, WZS+18, XAPK14, Zag14, ZCG17].
Some [CEPI10, FG13, MR13, MS15, ZHSL13, Er14, Ixa16, KD16]. soot
[ZLFM11]. sooting [EZL+16]. sorting [MEM+11, MM11]. SOSpin
[AZ17a, AZ17b, AFZ17, AFW16, CMC+15, CHC+11, CFW17,
CDR+15, Dan11, DBP+18, DBLF16, FLA+16, HSF+15, HKvH16, HWM+15,
Hua17, JNN12, KDM17, KPK+17, KSH14, LPC+15, LZ11a, LZ11b, LZ12,
MK10, MZE13, MSNI11, MVS15, MGFRG12, NMS14, NGCI+12, ORS+14,
SC16a, SPAW17, SAHP15, SDL+16, TL17, TACA15, VBG+10, WGG16,
WFV14, WPAV14, WZS+18, XAPK14, Zag14, ZCG17].
Some [CEPI10, FG13, MR13, MS15, ZHSL13, Er14, Ixa16, KD16]. soot
[ZLFM11]. sooting [EZL+16]. sorting [MEM+11, MM11]. SOSpin
[AZ17a, AZ17b, AFZ17, AFW16, CMC+15, CHC+11, CFW17,
CDR+15, Dan11, DBP+18, DBLF16, FLA+16, HSF+15, HKvH16, HWM+15,
Hua17, JNN12, KDM17, KPK+17, KSH14, LPC+15, LZ11a, LZ11b, LZ12,
MK10, MZE13, MSNI11, MVS15, MGFRG12, NMS14, NGCI+12, ORS+14,
SC16a, SPAW17, SAHP15, SDL+16, TL17, TACA15, VBG+10, WGG16,
WFV14, WPAV14, WZS+18, XAPK14, Zag14, ZCG17].
Some [CEPI10, FG13, MR13, MS15, ZHSL13, Er14, Ixa16, KD16]. soot
[ZLFM11]. sooting [EZL+16]. sorting [MEM+11, MM11]. SOSpin
[AZ17a, AZ17b, AFZ17, AFW16, CMC+15, CHC+11, CFW17,
CDR+15, Dan11, DBP+18, DBLF16, FLA+16, HSF+15, HKvH16, HWM+15,
Hua17, JNN12, KDM17, KPK+17, KSH14, LPC+15, LZ11a, LZ11b, LZ12,
MK10, MZE13, MSNI11, MVS15, MGFRG12, NMS14, NGCI+12, ORS+14,
SC16a, SPAW17, SAHP15, SDL+16, TL17, TACA15, VBG+10, WGG16,
WFV14, WPAV14, WZS+18, XAPK14, Zag14, ZCG17]. Sources
[EW14b, EW16, EEWG12, KM10, ML14]. Space [BBB17b, FDZ17, JKG+18,
BG11, BAK+15, BAK+16, BAK+17, BY17, CDBM16, CVK+17, Chr18,
EUT+15, Evs14, FZ16, FGLB12, GTS14, HLW16, JBG+17, KS16b, KSW15,
KS15, LOK+16, MDHD18, MC16, MBF+10, MGB+10, MGB18, MSS+16,
MSM+11, MSH11, NAQ16, OBH10, OKC11, OOK+12, dIRJL14, PSB11,
PSBT12, QYM11, QA13a, Qia17, SP16, SCRS17, SA15a, SBH+12, ZD15].
space-charge [Qia17]. Space-dependent [BBB17b]. space-fractional
[MDHD18]. Space-time [FDZ17, CVK+17, Chr18]. spacecraft [MPS13].
spacecraft-plasma [MPS13]. spacecraftgroups [AZ17a, AZ17b]. Spaces
[Asc10, Bog16]. spacetimes [MüI14a]. spacewise [PR13].
Spacewise-dependent [PR13]. SPARC [GS17b, GS17a]. sparse
[CB16a, GBP13, Kra10]. sparticle [AC17]. Spatial
[RLBC+14, ABCM14, BNAB11, FCC15, KS16b, LST15, LSJB+16, MCM17,
MLS10, MSRL10, MGR16, TZG12, VV16, FCC15]. spatially [MD10a].
spatio [KEH12]. spatio-temporal [KEH12]. Special
[MSI+10, iSSMI11, QA13a, RL10, ZD15]. Special-purpose [iSSMI11].
specialist [OTC14]. species [HAK+14, NNWS15, SM14, SC14]. specific
[AZ17a, AZ17b, LPC+15, SM18, XZF12]. specific-heat [XZF12].
specific-purpose [LPC+15]. specified [MD10b]. specifying [DZ15].
spectra [Aza13, BW16, BPSI16, Bru13, CM15, CCL15, CGV13, DA16,
ECH16, GGG16, HW11, MGB11, MSPD12, MNYP14, MB16, PBMA12,
Ruf13, SC16a, TKP12, TVGB15, YLTS16, Zlo13]. Spectral
[BAF18, Hak16, MLS10, SPSP18, AH13, BCM+16, CDBM16, CMC+15,
CvW12a, CvW12b, Col14, HS14b, HZW+16, Kap12a, KZC+10, LSDD14,
LW14a, LV15, LKA+16, LCC11, Liu11, Liu13, LDF+16, Raw15, SI11,
SNB11, SMdONF14, TD14, Wan10a, YXD+15, DBLF16, PS16, SMdONF14].
spectral/ [CMC+15]. spectral/hp [BCM+16]. spectrally [ABDR17].
spectroscopy [CWY+17, SMCB+15]. spectroscopic [Hak16, MM11].
spectroscopies [CMJ+11, SNG+11]. spectroscopy
[GSB+14, Hoh14b, HTT13, HTT14, LCL+11, MGA+13, RMW13].
Spectrum [FCC15, Ruf13, AB10, AhPSV15, Bru13, CC10a, GWF+16,
GCF+17, JK13, KZ11, MZ14, OCL+13, Rom15, SCS12, SAE+16, ZUT13].
Speed [LGW13, MSR+17, JTP15, MTE17, WLM14, YvOSM15]. Speed-up
[MSR+17]. Speeding [MED11, KC14]. speeds [SSX14]. SPFP [LGW13].
state-of-the-art [Pat12]. state-to-state [ASEA14, BTC⁺¹⁷, TPC16]. states
[ABDR17, ACTP15, AM17, BR13, BVC13, CWW15, Dua12, GH11, JDG12, KH11, LKM⁺¹⁶, LV3, Liu15a, LB10a, LB11, LB12, LB13, MH11, Mis12, Mis13, MNPy14, NJS17, RV10, TTS11, XJS16, ZAHA10, dSLF13, vH18].
static [Fuk17, GB17, dRL11]. stationary [AD14, ABDR17, Fis12, GG16, MGL16, VDAH16, ZAHA10]. Statistical
[Bin13, SLc11, SM11, Ano11o, CSRV13, Ell⁺¹⁷a, Fri17, Kd16, Lhc11, MW12, PMMF15, Sin11, Sin12a, VLM11, Zf15]. statistics [Zlo14, dSVLP13].
steady [Bis15, JMG⁺¹⁷, Ks17, MST⁺¹⁸, SK15, YTYA17, ZNT15].
cealing [JMG⁺¹⁷, MST⁺¹⁸]. steam [CLW11].
stencil [VV16].

step [BM13, BIT12, DT10, FGr14, Fha17, GM16, LS15b, Lwyw11, MAC12, MC10, NS15, OAKS11, PAS11, PS14, Ram14, SB11, SSto10b, WZ13, Yzz11].
step-size [BM13]. stepping [AH13, DJ14, IBP⁺¹⁵, Sht18].

Stratified [SSb15]. Strattonovich [KD17]. streak [WS11a]. Stream
[VTya17]. streaming [CO11, WFv14]. Streamline [DCM⁺¹²]. streams
[BS13a]. strength [SW14a]. strengths [SEw12, SEw14]. stress
[Chdca17, Kca⁺¹⁵, Voy13]. stress-fluctuation [Voy13]. stresses
[Gna⁺¹⁵, ZZ15, BMW14, CPHl14, CHZ18, DOp17, Hef⁺¹¹, MMo⁺¹⁷, RGK17, SW14b, SS12, ZYz15]. Strongdeco [JDG12]. strongly
[JdG12, Lkt⁺¹⁶, Ldf⁺¹⁶, NO14]. Structural
[Kar⁺¹⁵, SWL⁺¹⁵, ZRS12, Bin13, CZN14, EBDM17, FSJ⁺¹⁶, Hym11, MV17, PPs10, QdZ⁺¹³, RAV11, ZMpt13]. Structure
[HL18, Xnk⁺¹⁶, ACD⁺¹⁴a, AGVP10, Ano10n, ACC17, AFz17, AFZ18, Aza13, BK13a, BC10, Bjö11, CPV13, CYD11, Cij⁺¹⁷, Cor14, DO14h, FlA⁺¹⁶, Faw10, Glt⁺¹⁷, Hks10, Hbh⁺¹⁷, Jwcw17, Jgb⁺¹³, Kra17, Lzp12, LqZ⁺¹³, Liu14, LZ18, Lz11a, LZ11b, Lsk⁺¹⁴, LOSZ13, MED11, MSZ11, MW14, MNPy14, PSp16, San15, SS10a, SCG11, TMA⁺¹⁵, THJ⁺¹⁰, TC12, WG16a, WLZM12, WM13, WAhl13, XLCW14, Yfat17, yycg⁺¹⁸, Yg12]. structure-preserving [San15, WM13]. structured
structures [ASTT16, ASEA14, AZ17a, AZ17b, BHN+16, Bot12, CJEH11, CCM12, DV11, LCY+11, LF12, LZ12, LOV10, OG14, OOl+a, RJKC16, SZC+13, VDB14, WLG+13, WTH15, XLL15]. 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, Gtw12, HCRD14, HST+11, HCC14, HM11, LB13, JTN+11, JLW13, KBB+17, LLHC11, LRC+11, LQZ+13, LN16, lLsZ14, LHS14, LS11, LNSD15, SLqSL+13, LMAB16, MiH12, MPSV15, Mi11, NRSVW12, PBE14, SWL11, TG11, VEM12, ZDWY10, ZDD+13].

Studying [YLYL17, AKZ+13, GTSL+13, HP11, LSDD14, Leó12, MFS10b, QDZ+13].

Sturm [LV10]. Sturmians [MCGR11]. sub [BNH+16, IBP+15, TIMM13].

sub- [BNH+16]. sub-grid [TIMM13]. sub-stepping [IBP+15]. subject [PR13].

submicron [BHNS17]. submicron-size [BHNS17]. subpixel [HHC16]. subsequent [KEH12]. subsonic [TKL+12].

subspace [CLY11, EBCBG17, WTH15]. substrates [CMJ+11, HW11, MKR+12].

substructures [BJ14]. substrates [CLY11, EBCBG17, WTH15].

subject [PR13]. subtract [Sib17]. subtract-with-borrow [Sib17].

successive [BSM13]. Sufficient [MD11a].

suitable [BW15]. suite [FBC+12, PVH+17]. sum [GJ13, WL11a].

summation [KK14b, KR16, LHZ11].


supercomputers [KCS+15, NB17, ZSZ+16]. supercomputing [AGL11].

superconducting [CdFDS16, KA17, PMVG16].

superconductor [HBS+11]. superconductors [CMJ+11].

superfluid [SAQ+15, WFM14].

supergravity [Fis12]. SuperIso [AM10, AM11]. superlattices [ACC13, MiH12, RFSF18].


supernovae [CHA11].

Superposition [HD17, HCRD14].

superpositions [BS12]. superpotential [Sta10].

superspace [DF11b].

Supersymmetric [AB10, ABDA15, AC17, AMRD17, AhPSV15, CJ12, CGV13, DET12, ES16, Mur14, SD15, STA11, SOPS12].

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

Support [GBJ+15, LS15a, Sm116].

Suppressing [KOG17]. suppression [GV15]. supramolecular [KBB+17].

Surface [GM11, MGS13, AGVP10, ACMM10, BHN+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 [ASPD1+16, BKN+17, DR12, EBCB+14, EBCBG17, FGC+11, HS16, KC14, RFP+17, SKML11, WS11a, YLK10, Zhe15].


SuSeFLAV [CGV13]. SusHi [HLM13, HLM17]. suspension [vdS10].

suspensions [BE14, BHND16, HPKF15, MDPTK15].

SUSY [Fon12, MZ14, Ros15, Sta14]. SUSY.FLAVOR [CRC+13, RCD+10].
TDSE [FZY17, ON14]. TE [LS17b, LSSW14]. tearing [HSK+12].

Technical [DNP+12, DPW16, LS15a]. technique [BALV16, BCDP18, CS10, DG10a, DG10b, DM17, Eba13, EKDGG15, GHvdL11, GGG16, GTS14, Hon10, JAS17, KN13, Koh15, KR16, LLX14b, NPAD11, NVAFO18, Ram10, SK14, TH17, VDB14, WLS13, WDR16, MAIVAH14].

TE [LS17b, LSSW14]. tearing [HSK+12].

Technical [DNP+12, DPW16, LS15a]. technique [BALV16, BCDP18, CS10, DG10a, DG10b, DM17, Eba13, EKDGG15, GHvdL11, GGG16, GTS14, Hon10, JAS17, KN13, Koh15, KR16, LLX14b, NPAD11, NVAFO18, Ram10, SK14, TH17, VDB14, WLS13, WDR16, MAIVAH14].

TE [LS17b, LSSW14]. tearing [HSK+12].

Thermoelectric
[BKA+14, KAR+15, NVAFO18, PVK+14a, PVK+14b, GJHF14, JBKM15]. Thermostat
[AGVP10, Fri17, KH10, MWL+10, dRAPL11]. Thermostatistical
[AMR15]. thickness [CDSG11]. thin [BL14]. Third
[MAM14, NS15, VEB+18]. Thouless [RM16]. threads
[CUL+17, sLqSqL+13]. Three
[BY13, CW16, dAFdSM12, HWS16, LJSW11, LB13, MNP17, SC15, WWC+16, YWX11, ABB+16, BC11, BKM14, BK16b, CS16, DS13c, DM10, DO14b, EKO16, Exl17, FFT+14, GTPWL12, GBD10, GSKM17, HLCW10, HCN10, Ixa16, JWCW17, KKP11, KP12b, KH12, KRB15, LA13, LL1X16, PBE14, Qia16, RWKS15, SPF11, SCLW16, SC16b, TS1M16, WL11b, ZFX12, ZFH14, ZG+16]. three-
[GSMK17]. Three-body
[BY13, LB13, EKO16, Ixa16]. Three-dimensional
[CW16, dAFdSM12, LJSW11, MNP17, WWC+16, BC11, DS13c, DO14b, FFT+14, GTPWL12, HCSW10, KKP11, KP12b, KH12, KRB15, LL1X16, Qia16, RWKS15, SPF11, SCLW16, XZ1F12]. three-level
[WL11b]. three-nucleon
[GBD10]. three-state
[XZF12]. three-state
[LJ11]. three-temperature
[CW16, DO14b, ECD+10, FT11, GTPWL12, HCSW10, KKP11, KP12b, KH12, KRB15, LL1X16, Qia16, RWKS15, SPF11, SCLW16, XZ1F12]. three-level
[WL11b]. three-nucleon
[GBD10]. three-state
[XZF12]. Three
[AX11, BFM14, BSM15, DRL16, EEC11, EEC15, FT12, HRL17, KSW12, LNTW16, NW11, PFL14, RP14, SB11, SS11]. three-temperature
[SC15, SC16b]. threshold
[BH17, BKMP16, Has11, HST+11, ZD15]. throttling
[DS10, LTP+17]. tight
[AM17, RJKC16, SHN11, YLYL17, LSK+14]. tight-binding
[HM17, RJKC16, YLYL17]. TIM
[LHC+12, OLC14]. Time
[GTG+11, HKF+12, LB10b, RJKC16, TD14, TC11b, TT11, AAA+16, Add11, Add17, AD1M16a, AD1M17, AD1R17, AH13, BS15a, BR14, BD10, BM1C+17, BB12, BENK+17, CZ18, CMSN18, CVK+17, CC10a, CD1+12, CW16, Chr18, CH18, CO11, DS13a, DS10, DM17, DV11, DSW+15a, DK1G16, DHR14, DJ14, DM12, ECD+10, FDF17, FGL12, FN1B10, Fri10, GS15, GMPFC+14, GML15, GBR+14, GM16, GJHF14, GWF+11, HL1C17, HWG13, Has11, HC16, HL1H16, HC17, HK1vH16, Hsn11b, HHC+10, HWM+15, Hua17, IW15, JH1JG14, JMG+17, KK16b, KYSV+15, KSY17, LL1HC17, LV14, LS15b, LLP15, LTP+17, LAS+17, LBB+16, LY1S+16, LR13, LR16, MC16, MGRB11, MGL16, MC10, MB1F12, ICD13, MC17, NPM16, NAQ16, ON12, PS11, PS1B12, PM16, PT1MDP14, PBS+17, QYM11, QA13a, Ram14, RV1S16, SHT18, SS1+16, SKF16]. time
[SSH+13, SG17, SBH+12, SC17b, SW12b, TTG11, TL17, TT14, TVT+16, TVGB15, UW12, US16, VDB14, VBS+17, VV1B+12, VUK12, WL11b, YSV+16, YSM+17, ZD15, ZY15]. time-domain
[DS10, LTP+17]. time-delayed
[JHJ14]. Time-Dependent
[LB10b, GTP+11, TC11b, TT11, BM1C+17, DS13a, DHR14, DM12, FGL12, GS15, GBR+14, KYSV+15, LV14, LBB+16, LYY+16, MC16, MGRB11, MGL16, MC17, NPM16, ON12, PM16, SS1+16, SSH+13, SC17b, TVGB15, UW12, VBS+17, VV1B+12, WL11b, YSV+16, YSM+17, ZY15]. time-domain
[CW16, FN1MP10, HE13, HC17, HK1vH16, MB1F12, ICD13, SW12b, TT14, VDD14]. Time-efficient
[RJKC16]. time-evolution
[JMG+17]. time-harmonic
[US16].
[TD14, BB12, GML15] time-step [LS15b] time-stepping [DJ14, SHT18],
[MPB10] tokamak
[Ano10n, ALC18, BSM13, BMU11, BT17b, BB13b, FBHB17, GGI+13, HV15,
HAK+14, HF16, JHL+15, KYKN15a, KYKN15b, KGG+16, KQYH17,
LDJ+17, LRL+12, OILK17, PMS+17, PS11, YLKN17, SM13] tokamaks
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, MV1+16, MNPY14, MYP+14,
MG10a, Mü11a, Mur14, NR5V12, OG14, OO15b, O15a, OVS15,
OAK11, PSMS14, PSMS15, Pra17, RF15, RCD+10, Ros15, RKC+17,
SGDS16, SZC+13, SPY11, SOPS12, Sta14, WS11b, YB13, BBB+15] toolbox
[ACD+14b, AD14, AD15, BH1+18, HT12, Hohl14a, Hohl14b, Hohl18,
HSF+15, Men11, PFA+15, TACA15, VDAH16, WTH15] toolkit
[HWM+15, Hua17, Liu15b, SBH+14, SMO16b]. Tools [GHD10, GvSF14,
ABB+14, Ano10o, CFW17, Fis12, Fri14b, LHGF18, MFS10b, SS13c, VKS16].
Top [ALL+11, CFSK14, CM14b, HLM17, KKK+15, ZZG+16, CM14b].
top-pair [CM14b] top-quark [KKK+15] topological
[BLS+17, FWZ+12, WZS+18] topologies [ABB+16, BCM+16]. Topology
[BDBV12, HKJ+12, JCG+11, KTE+12, LC15, MJB+10, PCGM14].
torsional [ZMCT12, ZMPT13] torus [KGG+16] total
[KCA+15, MKU+12, SAA+10, SGDS16, SSM+17] toy [GFJ+14].
[CMS17, KMA+12, LHC+12, LHL16, MTM14, MMC10, MCA14, Mü11a,
TZK16, VZ17] track [AANA1J12, BFM14, BKM11, J1AM16, LFG14,
MS111, SMC15, VSG17, AK16]. TrackEtching [VSG17] Tracking
[KL14, AGMS15, BKM11, BY17, CWY+17, KSW12, ZSW+17]. tracks
[CLL11, NBN+14] trade-offs [NBN+14] traffic
[JHJ14, Kom15b, SDJ+12, SJW10] train [DKOS14] trajectories
[B13, DRR15, K11, KS15, LS12] trajectory [TS11, Wil15]. Transfer
[Hak16, TRN16, ZLL18, ASS13, BBB17b, CLJ12, DBMR18, ELDS14, Gai17,
GZL14, HTT13, HTT14, MR14, NBM+15, NCH15, NFI17, NGCI+12,
[Jan10, KT10, SLQ+13, Ras09, Ras17, Ser17, TO10a, WLQ+13, FCC15].
transformation [BMNS14, GKM10, GSKM17, Mey18, MK13, OK14]
SMGK14, SCG11, JLW13]. transformations [Che17, MWCY14]. transformed [PSL+17, SSK+13]. transforms [GMF+17, SPS10, SBvD13].

Transient
[NB17, CAN11, CCXCI5, CB15b, GTSI+13, MK10, RJLL16, WNYP17].

transiesta [PLF+17].

translocation
[KSH11, dHGCS11].

transmission
[GCVA14a, HTT13, HTT14, MD10a, PYW+14, WHB16].

transparency
[WL11b].

Transport
[CP15b, VC10, ASPDL+16, BDPM15, BTL+17, CVK+17, CCXCI5, CAGL13, DSP15, EY11, FUSH14, FLSI3, FRFH10, FR15, FM15, GZL14, GLHG12, HBE10, HCC14, HF16, Ilin12, JA17, KLRK11, KYKN15a, KYKN15b, KPK+17, KKS18, LCKM14, LRIK13, MD11a, Mar15, MS14, NPM16, OHB10, PPV+11, PLF+17, PMS+17, PBF+16, PVK+14a, PKV+14b, PMVG16, RF16, SL16, SISW10, SK12, SD14, SCW+11, SSS+14, SC14, SC16b, Tic10, Tic14, WRFS15, XJS16, YSN+14]. transpose [Lya15].

trapezoidal
[Lya15].

trapped
[BDP16, KYSV+15, LBB+16, SSB+16, VVB+12, YSV+16]. trapping [JA17].

TRAVIS [MTM14].

triangular [BA14b, FSH11, KPVvdH13, WISA11, YZWR14].

triatomic [AV13].

triangular
[BAB14b, HML11, MH11].

triaxial
[MAM14, MAM14].

tribological
[EVB14].

tricritical
[dSFdFF13].

tridiagonal
[LW14a, LW10].

trigonomically-fitted
[YZZ11, RSA14].

trigonomically-fitted
[YZZ11, RSA14].

trigonometrically-fitted [YZZ11, RAV14].

triple
[RMW13].

triple-correlation
[RMW13].

triplly
[YLK10].

TRIQS [APS+16, PFA+15, SKFP16].

TRIQS/CTHYB [SKFP16].

TRIQS/DFTTools [APS+16].

trivializing [ES11].

Trotter [LRCL10].

true
[WC13, WC15].

true-direction
[LSK+13].

truly
[Mis12, Mis13, RH17].

truncated
[GW+16].

truncating
[BL14].

truncation
[KN13].

tubes
[Sza16].

tunable
[TMA+15].

tunnel
[CAGL13].

Tunneling
[MAC12, Raw16, YSN+14].

turbid
[LN16].

turboEELS
[TVGB15].

turboTDDFT
[GBC+14, MGBR11].

turbulence
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Tweezers
[BGL+14, BMG+15, Ost10].

TweezPal
[Ost10].

twisted
[BBC+11, BMHP17, LS13].

twisted-mass [LS13].

Two
[BBPS15, CCW10, KV10a, LWYW11, MKL17, PMMF15, RS12, THJ+10, VK14, dSDo12, AMRDa17, AG12b, AH13, AM17, BKS15, BH13, BIT12, BK15, CAN11, CS16, CC10b, CC12, CDS+13b, CS10, CHZ18, Dan14, Dan16, Dan17, DG10b, DS11b, DN13, Dev12, DKT14, Eba13, ERS10c, ERS10a, ERS10b, FS17, FGR14, FEH11, Gag12a, GC10, GC16, GLW14, HEF12, HKK11, JEF14, JW13, JH15, JPM12, KS16a, KK14a, Ki10, KYKN15a, KYKN15b, KAvdL11, KT12, KO12, KO13, LA13, LDD14, Laz15, LW14a, LLSK17, LST15, LB10a, LY16, LR13, LR16, LS17b, ML17, MH18, MSZW11, NS15, OAKS11, PP13, QLE16, RVA14, SY17, SIE16, SLR16, SQA+15, SW12b, SS10b, SDJ+12, SJW10, TZM17, TBZ12, TT14, VvAV+11b, XZ12, YCO15, YZ11, YdDH+12, ZLM12].
two [mZfXL15, ZHC16].
two-body [FEH11, HEF12, LSDD14, VvAV+11b].
two-center [DT18].
two-color [HKK11].
two-component [Eba13, TZM17].
Two-dimensional [VK14, AH13, CAN11, CC10b, CC12, CHZ18, Dan14, Dan16, Dan17, DG10b, DS11b, JEF14, JPM12, KS16a, KYKN15b, KO12, KO13, LLSK17, LST15, LHH+12b, LR13, LR16, MSZW11, SLR16, SQA+15, SW12b, SS10b, SDJ+12, SJW10, TT14, XZ12].
two-electron [AG12b, GH11, JH15, KK14a, LB10a, YCO15].
two-flavor [CDS+13b].
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two-grid [KV10a].
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two-layer [GLW14].
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two-loop [AMRDa17, BH13, LS17b, YdDH+12].
two-parameter [JWC13].
two-particle [Dev12, MH18].
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two-stage [CCW10].
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two-way [MKL17, OAKS11].
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U [CHW+15].

uasiparticle [SKB10].

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udkm1Dsim [SB+14].

UFO [DDF+12, Sta13].

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ultra-high [HEPW13].

ultra-large-scale [TIM+16].

ultra-peripheral [KNS+17].

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ultracold [BG11].

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ultrasonic [RLMG+11].

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unification [ABdA15].
Unified [DE13, Ram12, Wei99, CSC11, CSJ+17, KEH12, MRVF13, RHW+12, Sch14a, SK12, YK18, zYCG+18]. uniform [BDP16, CDMCN11, GBN17, KS15, LA13, LFG14, Ser10, Ser17, Wit14, YQM12, YQM14]. uniformly [BDP16, CDMCN11, GBN17, KS15, LA13, LFG14, Ser10, Ser17, Wit14, YQM12, YQM14].

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ZDWY10, ZKG+18, ZMvE+13, dJBIM16. **USPEX** [LOSZ13]. utilitarian [CB15a, CB17]. utilization [LSqS+13, SMCB+15]. UV [Deg15, Fen12b, dDYK+18]. UV-divergent [Fen12b, dDYK+18].

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DG10b, DS10, DN13, GB11, GH15, GTG+11, JTT11, LPB11, LN16, Maz13,  
Per14, SGDS16, SDL+16, TO10a, UA17, XLL15, YJK11, ZS17a, dHV12].  
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DS11b, DN13, DZ13, DKS16, DHR14, DA16, EUT+15, FM12, GB14,  
GCVA14a, HK15, HZ11, HHC+10, JGW+13, JGAL+13, KH11, KM10, Kir10,  
LT15, LZZL10, sL10, LYL+17, MDHD18, MED11, MBF+10, MA11, MSH11,  
OWS+14, PG10, PYW+14, PQTGS17, PMS+15, Raw15, RFSF18, RE12,  
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