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Title word cross-reference

\(O_m|\alpha_n|\) [De 02], * [Tos09]. 0, 1 [DC00]. 1 [KNU00, SQ03, YRR07]. 1/2 [PS08], 10 [GRR01]. 1s [JK01]. 2
[AH02, BJ05b, CSW02, FM00, GFP00, GMBC08, KNU00, MLF07, NHS07, PAT+09, SMV01, SBCZ08, TPVV03, WCG04]. 2.0 [RS00]. 2p+ [JK01]. 3
[Aok01, BD00, Bal07, BFH05, CCFG05, Cha04, CBBJ02, DGV08, EL04, FDM07, FV02, GBM02, GS01a, GBD03, GBA01, GMBC08, HG02a, HBR05, JW02, KKSR04, KMZZ05, MZB+04, MNV00, NSYZ02, PCV06, QRO1, QTL06, RLRR06, SJCM04, SG04b, SBB03, SG01, TAM04, WLH00, WCG04, WHL+07, XON08]. 3/2 [DKC08]. 4 [CBBJ02, Tör00, WLH00]. 4fγ [JK04]. 6
[FMD07], 7 × 7 [LK07]. 8 [GCP+02]. -1 [CRU00]. \(^{2}\) [HC08]. 3
[MNYY00b], \(M\) [Eas08]. 4 [KM00b]. \(^{(R)}\) [MBK09]. 0.3 [JK01]. 0.7 [JK01].
12 [KMD+02, NT05]. 2
[CM02a, EVL00, Gha05, Gro01, HTA08, TAP01, VMMB02]. 4 [KPL07]. 6
[KMD+02, NT05]. $m$ [MTJ02]. $n$ [MTJ02]. $\frac{1}{n}$ [GCP+02].

$ABC + D \rightarrow AB + CD$ [MGG08]. $\alpha$ [LDZ+08, RJCH00]. $\alpha \rightarrow$ [KMH02]. $B$

[NM03]. $B(c) \rightarrow J/\psi \phi$ [BS04a]. $B_1 \rightarrow J/\psi K^*$ [BS06b].

$B^0 \rightarrow J/\psi \phi$ [BS06b]. $B_c$ [CWW06a, CWW06b]. $\beta$

[LDZ+08, MCC05, RPD+05]. $\beta = \infty$ [CM03]. $\beta^{-1}$ [RCGC00]. $BR[B \rightarrow X s y]$

[DGS08]. $B \rightarrow K^* y$ [Mah08b]. $\chi^2$ [BBBD06]. $\chi^2 \phi$ [Sav01]. $CP(N - 1)$

[BPRW06]. $D$ [DEW00, PFG00a, Sch06a, Tat07]. $d = 3$ [RLU00]. $\delta f$

[AH03, WTH+04]. $e^+ e^-$

[ABM03, AAC+06, BBC+01b, DDRW03, JWW00b, Port03, TA00, TA00b].

dim $4f$ [KJ04]. dim $e^+ e^- \rightarrow J/\psi \phi$ [JKW06]. $e^+ e^- \rightarrow f f v n$ [JKW00].

dim $e^+ e^- \rightarrow \pi^\pm \pi^\mp$ [SVP09]. $\ell_1$ [Lor08]. $\ell_2$ [Abe01, Bel02]. $\epsilon$ [GHLW03]. $\eta$ [Mic07].

$\eta$ [QWWZ09]. $F$ [GKP+06, IK+08]. $F_1$ [CGM01, CG04]. $F_4$ [Nin00]. $F_{m(z)}$

[TAK02]. $f \chi$ [BBK+07]. $G$ [CNMC09, Kon02]. $\gamma$

[JKW00, JKW06, KJ04, MKJ+05]. $H$ [MN07, BBB+00, CT00]. $H \Sigma$ [Mei01].

$I_{\nu \alpha}(z)$ [Tho04a, TB87]. $J$ [CA09, Dev05]. $j j$

[GF01, GFG01, GF02a, GF02b, SJF07]. $k$

[LLT+02, LCHJ09, MSY07, TMN01, Yan03b]. $k = 0$ [FSB09]. $K_\nu(z)$

[TB87, Tho04a]. $K_\nu$ [BCC03]. $k \cdot p$ [PAD07]. $l$ [Mic07]. $\Psi$(Mflops)

[FKP03]. $L_1$ [Dem03]. $l_1$ [LTT09]. $l_2$ [LTT09]. $l_2$ [DBD08]. $m$

[Yan03b]. $mK(m, n, k)$ [Yan03b]. $N$ [ABD03, BAD01, GBTM07, GPW+09]

[MWA01, SWAS01, AKZ00, RF05a, RF06a, RF07, RF08, Yan03b]. $n = 3$

[GCP+02]. $\nabla \cdot \vec{B} = 0$ [Cha04]. $n = 1000$ [HB05]. $\nu \nu \gamma$ [KFI+01]. $O(3)$

[CSW02]. $O(\alpha_s^2)$ [BKK09]. $O(N)$ [ODC02]. $P$

[CWW06a, Sim09, MNYY09]. $\{P, N\}$ [LVV06]. $P^3 M$ [TC06]. $\Phi$ [SVP09].

$\pm J$ [HG02a, RLU00]. $p p / p \bar{p}$ [KK+06]. $p p / p \bar{p}$ [TSA+03]. $Q$ [TL09]. $R$

[De 02, BBB+00, HS03, MN01, SSB+09, SNBB02, Zat06, CLFH07].

$r_{12}^{r_1}$ [WD04]. $r_{12}^{r_2} [SKH02a]$. $\Sigma$ [Kar02]. $SO(5) \supset SO(3)$

[CRW09]. $\sqrt{3} \times \sqrt{3}$ [RPD+05]. $SU(2)$ [CM03]. $T$

[CHM00, DEW00, BRdAHK04b, CA09, dAK01]. tankh [Wan09b]. $\tau$

[BEM+02]. $\tau^+ \tau^- [PSW00]$. $\tau^\gamma [PSW00]$. $\tau \rightarrow 4 \pi$ [BEM+02]. $\theta$

[WK09]. $\times [CW02]$. $T[W]$ [CDQF07]. $U(1)$ [BB09a]. $U(3) \supset SO(3)$ [Dra01].

$U_2 \{g(m, \eta)\}$ [De 02]. $J$ [JPS+01a]. $J$ [JPS+01a]. $w = 5$ [Bla09]. $X$

[MN07, CCO04]. $\Xi$ [CWW07]. $\Xi$ [CWW07]. $\Xi$ [CWW07]. $Z$

[SBL+04, Mic07, Pet04, RG04]. $Z^d$ [HJ02].

-2 [CW02]. -a [MP03]. -aluminum [RJCH00]. -body

[KNU00, ADBF03, BAD01, GPW+09, SvAS01]. -centre [PAT+09].

-coupled [SJF07]. -coupling [GF01, GFG01, GF02b]. -cut [CLFH07]. -D

[BA07, FMD07, MGL07]. -dim [GDB03]. -dimensional

[KNU00, Tat07, Sch06a]. -direction [LTT09]. -electron [MWA01]. -factor

[Kon02]. -files [BBB+00]. -functions [PFG06a]. -Lagrange [LCHJ09].

-matrices [BRdAHK04b]. -matrix

dAK01, BBB+00, CHM00, DEW00, MN01, SSB+09, SNBB02, Zat06].
-method [PAD07]. -orbit [Dev05]. -pair [JPS+01b, JPS+01a]. -penalized [Lor08]. -pinch [Peto4, RG04]. -pinches [SBL+04]. -Point [Tör00, TMN01]. -product [Tos08]. -qubit [RF05a, RF06a, RF07, RF08]. -ratio [HS03]. -ray [MKJ+05]. -regime [GHLW03]. -SHAKE [GWK09]. -SiC [MCC05, RPD+05]. -space [CC04]. -stability [Sim09]. -state [CBBJ02]. -theorem [CT00]. -to- [LDZ+08]. -wave [CWW06a].

0 [Par04, Sha04, Vio04, Wan00]. 0-471-98495-7 [Wan00]. 0.0 [BLS01]. 0994 [Hoo04].

1 [CRPC08]. 1.0 [KRW03]. 1.02 [JS07]. 1.3 [BBPS06]. 1/f [RDSS01a]. 10-state [BKB02b]. 100 [NSYZ02]. 111 [NSYZ02]. 124 [JKW06]. 125 [Ixa01]. 126 [TA00a]. 127 [KM01b]. 128-bit [DH00]. 130 [MOS01]. 134 [AA01b]. 144 [DVL+04]. 146 [Voi03]. 147 [LPR04, MSHP20]. 147/3 [MSHP20]. 150 [Ida03a]. 151 [Yos07]. 153 [Hon04]. 156 [WA07]. 161 [TND05]. 1611 [Hoo04]. 1611-0994 [Hoo04]. 162 [SM06a]. 166 [GDAG05a].

2 [Ano09u, ABC+01, BCAD06, Hah09, HM08, Laf03, SS09a, SIE04]. 2-dimensional [SD07]. 2.0 [ABM03, BBPS07a, BCKT09, CGVA08, GS01b, HTNFBS06a]. 2.0.7 [BBPS07b]. 2.1 [HTNFBS06b, Pöt00]. 2.7 [TKK+06]. 2000 [BJS00]. 2001 [DVL+02, Koc02]. 2003 [Ano04b, Ano04c]. 21st [Nov02, Swe02, You02]. 2DRMP [BNFM+09, SSB+09].


4 [SHI02, Wel01]. 47 [Tho04a]. 4B [KN07a]. 4th [ISX05]. 4th-order [ISX05].

6.2 [KRW03]. 6.3 [KRW03]. 6D [FDM07].

7 [BLS01, Wan00]. 7-0.0 [BLS01]. 77 [Dem03, Dem06].

90 [BRdAHK04a, DG08, KLM00, PS08, SS09a]. 90/95 [DG08]. 95 [vH06].

A-priori [DVG05]. a.c [KSTL03]. Ab-initio [PCCD09, MBK02, Nik03]. ABC [SCM00, TAP01]. ABCD [ATP01]. Abel [CTR00]. ABINIT [Ano09a]. absolute [SVMT00, Sus01]. absorbing [UOM01]. absorption [JK01, KV07, N01, VAH04, Yos03, Yos07]. abstract [Por00]. ac [WGY01, iOY01]. accelerate [BK05c]. Accelerated
Accelerating [LBP+09, WH00, FIT03, LdG+07, GPW+09]. Acceleration [BBD+09, LSVMW08, MBKJ09].

Accepting [LBP+09, WH00, FIT03, LdG+07, GPW+09]. Accelerator [KSHP02, SEE+03, TIN+09].

Accelerator [BDV04, KH06, NRR01, Wen01]. Acceptance [FHF00].

Accounting [YvG05]. Accuracy [FG04, MBR01, RMK05, SSZ01, TAKN02, TB87].

Accuracy [KDW00, Mam08, SMH+01, UK02a, UYK+04, itVPG08, AH02, BT01, CWSH08, CD04, DWZS05, EAU05, LTG09, Moh08, NM01a, Sim00, SR01a, VKM+05, WW05, YB02b]. AcerMC [KRW03]. Acetylene [SPC+05].

AcerMC [KRW03]. Acetylene [SPC+05].

Acetic [KDW00, Mam08, SMH+01, UK02a, UYK+04, itVPG08, AH02, BT01, CWSH08, CD04, DWZS05, EAU05, LTG09, Moh08, NM01a, Sim00, SR01a, VKM+05, WW05, YB02b]. AcerMC [KRW03]. Acetylene [SPC+05].

AcerMC [KRW03]. Acetylene [SPC+05].

AcerMC [KRW03]. Acetylene [SPC+05].

AcerMC [KRW03]. Acetylene [SPC+05].

AcerMC [KRW03]. Acetylene [SPC+05].

AcerMC [KRW03]. Acetylene [SPC+05].

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AcerMC [KRW03]. Acetylene [SPC+05].

AcerMC [KRW03]. Acetylene [SPC+05].

AcerMC [KRW03]. Acetylene [SPC+05].

AcerMC [KRW03]. Acetylene [SPC+05].
Algorithmic [AHS09, VPCK04, XC03]. Algorithms [BMSG01, CTSZ07, FBB01, VBFM05, AAP03, ACK05, BBD09, BOG+07, CC07, CMR01, CM03, FdD09, FHW+01, GGL03, JC07, KCC+00, KF05a, KPF03, LPC+00, LZS06, LZS08, MP01a, MRS04, Mey02, MKJ+05, MHK+05, Mi02a, OTY02, OM02, OMF03, SKNV01, SSP08a, UTKF05, VAMVR08, VPP+12, WL00, WC00, WCB05, Zim02]. Aliasing [Ver04]. ALICE [Ano01a]. aligned [EMJH03b]. Alignment [LVH07, AAM+01, AP05]. alkali [KB02]. alkane [RJCH00]. alkane/hydroxylated [RJCH00]. alkyl [SPV07]. all-to-all [FJC+05]. allosteric [LOY07]. allotropes [AP09]. alloyed [SG05]. alloys [Bur02, SSH01]. AIN [QASF+05]. alone [DGR09]. along [SGF03]. also [Var02]. ALTDSE [GNZ+09]. Alternating [XZ12]. aluminum [LC08b, RJCH00]. ambipolar [WTH+04]. AMBRE [GR07]. amorphous [BH03, CCRA05, LM02b, MKB02, N01, The05]. amphiphilic [LMS05, LNC+03, NT05]. amplification [HS07, HW09, KK05]. amplified [SHY07]. amplitude [Ch07, KLTH04, K01]. amplitudes [BBJS09, FIJ+03, H01, K00]. AMR [CDQF07]. AMRA [PM01]. AMS [SM01]. analog [AP04]. analogues [IN02]. analyses [IH01]. Analysing [KS04b]. Analysis [CL03, Dom05, RRDS09, S00b, ATO06, ASJ+03, Ad1T03, Ano01n, Ano09t, BF06, BLCR05, BS06b, BBD00, BFB+08, BDF+08, CK09, CG00, CGC+09, Che05, CD09a, G07, GME06, HDMG07, H08, HCO01, HF06, ISSC01, JKCGJ08, JC01, KKS04, KNU00, KJ07, Kr05, LKK07, LZ00, Liu07a, LRR+09, ML03, MNY00a, MNY00b, MSS+09, M01, MD00, MIM+07, MKJ+05, MM09, OS00b, dRBL09, PRS08, Ram10, R01, RPY07, R01, SK01, S09, SR01b, SKH02c, S00, T08, TBZ12, TdRGR09, TK09, TY01, TBR07, Van05c, XC03, Yan09, ZBB+06]. Analytic [Bl00, Di 02, Gut06, Ste02, BDH+05, Cza06, Dra01, GSS06, KVR+00, SPS09]. Analytical [Don02, PNH00, AAC+06, BBC+01b, BS08, DKL05, Dol01, GME06, H02b, L09a, RE09, WW06]. analytically [OMF03]. analyzer [SG04b, TF00]. analyzing [RC04, YH02]. anchoring [LS02]. and/or [IW01]. Anderson [CMRS02, YH02]. aneurysms [OCS+08]. angle
[CGG00, GW01b, ZDKG05]. **Angular**
[Dun05, Yos07, BS04a, DK05, FIT01, FIT03, Fri09, GFF01, GFG01, GF02a, GF02b, GSF05, GWK09, HCO01, ID09, IFF01, PFG06a, Ste02, SFSL09, ZF00].

**anharmonic** [TS06, dAK01].
[135x646]animals [HNG05].
[135x646]ANIS [GK05].

**anisotropic** [HP02, dAK01, CHM+09, DDD+01, GMBC08, LWY01, MA09, Ots01, SF05, TBL02, Wei02a].
[135x598]anisotropy [CM06, FER+07b].
[135x586]annealing [BH03, CEM08, FHF00, Sch06a, TL06a].
[135x574]annihilation [AAC+06, BBC+01b, WCBN05].
[135x550]anodic [LC08b].
[135x538]anomalous [BKKS09, JKW00, JKW06, PSW00].
[135x538]antenna [CLL+07, LCS07, PHKL02].
[135x526]antennas [Bla00].
[135x526]antiferromagnet [BM06, TBL02].
[379x538]antigen [Dom05].
[135x514]antigen-chip [Dom05].
[199x514]any [CAF+03].

**any-flavor** [CAF+03].
APACIC [KSS06, KKIS01].
APE [Ano02a, ON08, Tri01].
**appearance** [NY08].

**Appell** [CGM01, CG04].
[135x479]Applications [JJHvO03, LV08, Nil07a, RM05a, BP08a, BBB+01, Bru04, CDH+06, GC01, GLHW01, HMY+02, Ida03a, Ida03b, KKKC07, KS04b, LdG+07, LHS+06, MRF+05, OS00b, Ram10, San00, Sta02, Suc02, WHL+07, Yan03c, ZC09, KP06].

**applied** [Bes02, CRS01, IF03, MKJ+05, NP01b, SS02b, T0102, TIM07, TIM08, Wal03, WGY01, WJW09].

**Applying** [Iwa01].

**Approach** [ST09, Ano09a, Bow02, CRS05, CCB02, CGA+07, CGVA08, CGVA09a, CD04, CB05, DC05a, FD03, FGF03, GBA01, HKK+01, Hon04, HCK00, Huk02, IK000, IN02, KKKC07, Ker02, KSHP02, KM03, KM08b, LJ01, LH03, LJ09a, MC03, Man02, MT01, MGG05, MM01, NM03, Niu00, OLS+01, PLL07, Pis00, PFPB+09, RTO01, RM05b, RL+08, RGD+01, SS09a, SG00a, SM04, SM06a, SBM09b, Sch06b, JDJC07, Ska05, Teh01, TKSR00, TH+07, VF03b, VKM+05, Wil02, WW06, Yak01, Yok09, YT01b, YG09, ZEO00, ZPB09, SBM09a].

**approaches** [ABS04, BDK+06, IHAR09, PKKM02, PJSK08].

**approximants** [FH04, RB05].

**approximate** [WW06].

**approximating** [HKP02].

**Approximation** [AA08, Sch05, AT09, CSCK08, EKW09, FH04, Fr03, GSM+03, Int07, MSB09, OvSA02, OIKN02, PMG07, PCC01, Pom06, Ram10, Rob01, Roy09, SWY01, Tör00, Vak00].

**approximations** [DCJ07, SK08, SSS07, XD08].

**APW** [TKN+08].

**aquifer** [Alf05].

**ARANEA** [MCLDP01].

**Arbitrarily** [SW09].

**Arbitrary** [SLMS06, BD00, BS00a, CJK09, Esi01, FKAM05, IW01, KS05, Ko05, LM02a, LL00, MK09, OXS04, XSC09, Zal06, vH06, vH07].

**arbitrary-order** [vH06, vH07].

**arbitrary-precision** [KS05].

**architecture** [BBB+01, EFS+08, EL04, GMO03, ISSC01, Oli01, PKB+01, SvAS01, SIE04].
Ano05i, Ano06a. Authors [Ano00z]. auto [Str01a, LL08]. auto-solitary [Str01a]. auto_deriv [SPF00]. autocorrelation [MSS+07]. autoimmune [Dom05]. automata [BBD00, Sta00, TCO00, VK09b]. Automated [HvHHM09, VEG08, PB09b]. Automatic [Ano01n, De 02, FIU+03, Kan03, LJ08, MP01a, SMK01, Kol09, Pap01, RMMP02, Sem09, SPF00, Str05, vH06, vH07]. Automation [MA00]. Automatized [Cza06]. automaton [HS01a, KKM02, RDS02a, RDS02b]. Automodelling [DKV00]. Auxiliary [MR05, Bae03, Bae04, ZKASS05]. AV77 [CDFF05]. Avalanches [FV02]. averaged [CBKM01]. avoiding [Jen01]. Award [Ano04a, Ano04c]. Axially [SDNR05]. axis [LVH07]. Axisymmetric [SM06b, BFI+00, dNKM07]. Azurin [DC05a].

B [TAP01, AAM+01, AC09, FZ09, Nik03, TD03, Zat06]. B-spline [FZ09, TD03, Zat06]. B-splines [AC09, Nik03]. BaBar [ADD+03, Teh01]. background [Con04, JPS+01b]. backlight [CFJ09]. Bäcklund [LL08]. backscattering [WSB04]. backsubstitution [SG06]. backward [HS07, HW09, SGM+09]. BAGEL [Boy09]. Baker [WS09b]. balance [BD08, CD09a, ZSdD+08]. balancing [PSP+03]. Ballistic [BAGVE+00]. balloon [AdIT03]. ballooning [SHW01]. band [GRS06, HKK+01, JC01, MS06, Nak08, PL05, PDA06, PAD07, SHX02, SYM00, WP00]. band-structure [MS06, SYM00]. bank [AL08b]. bar [CDQF07]. bar-mode [CDQF07]. Barnes [Ada04, Cza06, GKR07]. barrier [DLZ08, LLY07]. barriers [TKP06]. baryons [CWW07]. Base [CCFG05]. based [ABC+03, BCC+08, BDBV12, Bur02, CRIA07, CSZ+07, CCRA05, DDM05, DME+04, DGR09, DBHB05, FB01, FK00, FK03, GMAN+07, GKK+08, HSJ02, IHH09, ISS+02, JP09, KKKC07, KHO9, KSTL03, KKL07, LM02a, LRI+06, LJJ07, LNV+09, LCZ+08, LKC07, LV06, LF02b, LM00, MY00b, Man04, MG+01, MLF07, MM05, RPD+05, RGR+04, ISX05, SKNV01, SKNV05, SJHY07, TS06, TYS+00, UK02a, UK02b, VF03a, VEG08, VPP+12, WL00, WCGL00, WDB04, WH00, Yok09, Zie04, dMBC+06, dRL09].

Baseline [HKL+07a, HKL+07b, HLW05]. bases [BRD04]. basis [BP08a, BC00, DD00, DO04, DO05, DSC+09, FA00, GFG+06, Hua09, KTT09, KTL05, MB01, MN01, MAM04, MAM07, MSHP02, MSHP20, P05, RB08, SDN05, Szu00, THM01, TS06, TKN+08, UYK+04, You09]. basis-set [TS06]. BAT [CKK09]. Batch [BFL+01]. Bauer [OML09]. Bayesian [CKK09]. bcc [YKK07, TBL02]. BCS [BFH05, RG+01].

BCVEGPY [CDEW04, CWW06a, CWW06b]. BCVEGPY2.0 [CWW06a, CWW06b]. BDF [HAR09, IV03, VAMVR08]. be [MAM00, VBFM05]. Beam [Bre07, PPB+04, CP00, OSK04, OGS04, PPR01, QRH00, QR01, QG04, QTL06, Sch08, SBBM04, TAM04, WCG04, YRR07]. Beam-plasma [Bre07]. beams [AT09, Bar00, LDG+07, Mah08a, SFF+04]. bearing [KMB02]. beats [KB02]. BEEM [RDAGV+00]. behavior [DR09, GDAG05a, GDAG05b, HTM+08, HOI04, LWT08, Lu02, MCH02, Sat02, SKRK04, TBL02, YGT+02]. behaviors [LDZ+08].
Behaviours [RDSS01b]. BEM [BP08a]. BEM/FEM/GSM [BP08a]. benchmarking [Gre04]. benchmarking-how [Gre04]. benchmarks [BMvG00, FHW+01]. Beowulf [ABC+03, Ano03h]. Beowulf-based [ABC+03]. Beowulf-class [Ano03h]. Berlin [Hoo04, La03, Par04, Sha04, Vio04]. Bern [IW01]. Bessel [Tho04a, CP00, Tal09, TB87, VC08, YM03]. Best [Ano04a, Dem03, Sal02]. Bethe [Fru03]. Better [FKP03, PB09a]. between [AC05a, AC05b, Blu04, CW02, HKLY07, KTL05, KMB02, LCPC04, LJ01, MSD08, Mu02, PSK01b, RCG05, Ver00, ZSSA00]. Beyond [Gre04, SWY01, GG00]. BGK [AGJJ07, BBD00, KSC+00]. Bhabha [TI01]. bi [LCHJ09, Xia01]. bi- [LCHJ09]. Bi-CGSTAB [Xia01]. bias [OD08]. big [KACB07]. BIGEBRA [AF05]. bilayers [LMS05, SDLW07]. bilinear [Ram10]. billiard [BFB+08]. billiards [ISSB01]. billion [ZBB+06]. billion-vertex [ZBB+06]. binaries [CSS+03]. Binary [dMBC+06, BLCR05, GAR05, MY00a, MY00b, Mu02, Pur02, TE05, WS02]. binding [CR00, OD+C02, Ver00]. bio [BMS+09, DC05a]. bio-fluidic [BMS+09]. bio-molecular [DC05a]. biographical [Kar01]. Biokinetical [GMAN+07]. Bioler [SIE04]. Bioler-2 [SIE04]. biological [PFPB+09, SE04, YC07, ZDKG05]. biology [Rin02]. BIOMCSIM [KH01]. biomedical [LHS+09]. biomembrane [Bro07]. biomembranes [LMS+02]. Biomolecular [SG04a, De 07, KH01, MFVJ07, MS09]. biomolecules [SLBG09]. biophysical [FMD07, MDC09]. biosensor [RR02]. bipartite [BCHP09]. bipolar [LH03]. biquadratic [DKC08]. Birdall [Ano04-57]. Birkhoff [CRUV00, She08]. Bisection [VPK+01]. bistable [MTZ00]. Bit [WHO02, DH00, JC01]. Bit-parallel [WHO02]. black [BFI+00, CGCS07, HBR05, Le00, RRRD08]. blast [PPC07]. blends [BMML05]. Block [CHS09, EM08, HZGZ09, Eas08]. Block-P [Eas08]. blocked [Cha00]. BlueGene [CD09a]. Blume [DKC08]. board [TIN+09, Ano05-40, Ano05-41, Ano05-42, Ano05-43, Ano05-44, Ano05-45, Ano06e, Ano06f, Ano06g, Ano06h, Ano06i, Ano06j, Ano06k, Ano06l, Ano06m, Ano06n, Ano06o, Ano06p, Ano06q, Ano06r, Ano06s, Ano06t, Ano06u, Ano06v, Ano06w, Ano06x, Ano06y, Ano06z, Ano06-27, Ano07h, Ano07i, Ano07j, Ano07k, Ano07l, Ano07m, Ano07n, Ano07o, Ano07p, Ano07q, Ano07r, Ano07s, Ano07t, Ano07u, Ano07v, Ano07w, Ano07x, Ano07y, Ano07z, Ano07-27, Ano07-28, Ano08f, Ano08g, Ano08h, Ano08i, Ano08j, Ano08k, Ano08l, Ano08m, Ano08n, Ano08o, Ano08p, Ano08q, Ano08r, Ano08s, Ano08t, Ano08u, Ano08v, Ano08w, Ano08x, Ano08y, Ano08z, Ano08-27, Ano09f, Ano09g, Ano09h, Ano09i, Ano09j, Ano09k, Ano09l, Ano09m, Ano09n, Ano09o, Ano09p, Ano09q, Ano12]. body [AMP+00, ADBF03, BAD01, BD08, CW00, DD01, Dzu09, EE02, GPW+09, KNU00, KM05, KN07a, LZS06, LEG02, Mak01, NP01a, OMF02, Sav01, SvAS01, TN04, TN05, Var08, VPNW02, VT00c, YB02b]. Bogoliubov [MM04]. Bogoliubov-de [MM04]. Bogolyubov [BD05, DO04, DO05, DSC+09, SDNR05]. Bohm [DDM07]. BOKASUN
Boltzmann [Wal03, BBD00, BS00b, CT00, CK08, DPB01, DHB+04, DSL09, Dys02, HL00a, HCO01, IK00, IK000, KITK00, LNC+03, Luo00, MHR+07, MC08, MS05a, OCS+08, PPM04, PY08, ST02, Suc02, TMTF00, TCF00, TKSR00, TdFK00, ZHC00, ZY09, vdSvdG08].

Boltzmann-like [Wal03]. BoltzTraP [MS06].

bond [BCBJ02, CYAS05, HJ02, NLC09, OK06b, ZBB+06]. bond-diluted [BCBJ02]. bond-site [NLC09]. bonded [Bac02]. Bondi [Rib02].

Book [Ano00a, Bre01, Hoo04, Koc02, Laf03, Par04, Sha04, Vio04, Wan00].

Born [BS03, CCD07, OIKN02].

Bose [BGJ+07, BBR03, CPS00, CC07, CCL08, CC09, LR07, Nil07a, SVS01, TQ03, TS06, ZZ09]. boson [HHH+09]. bosons [ABB+09, DC05b, HHW00, RM05b]. both [AA08, CL08a, Yao09]. bottom [TSA+03].

Bound [MT00, AMP+00, Bac02, DSH03, GLMADB+02, GPT08, LEG02, OvSA02].

boundary [MT00, AMP+00, Bac02, DSH03, GLMADB+02, GPT08, LEG02, OvSA02]. boundary-constraint [DSH03]. boundary-state [AMP+00]. boundaries [MK09, UOM01, Ver04].

Boundary [GPT08, AA08, CRS05, CLR08, CLFH07, CFKM01, CY01, CS02, CHM+09, DM09, EH07, Kar02, KEM+01, KSSH04, KT07, LJ09a, LC00, LAT04, Liu07a, MK09, MNV00, MPS09, PPC07, Ram04, Ras09, Ras17, Sus01, WGL06]. boundary-layer [Ras09, Ras17]. boundary-value [LC00, Ram04]. bounds [MA06, SMZ05, ZSM05, vdEFL+02]. Boussinesq [YB02a].

BOUT [DUX+09, UXD+09]. box [NH09]. boxes [KN07b]. bracket [KH001]. brackets [UTKF05]. Bragg [MTLC01]. branched [JAT03].

BRANECODE [MFF+05]. braneworld [MFF+05]. breakdown [LS07, NV09]. breaker [PPC07].

Breaking [DL08, ABD+05, BKB02a, ISSB01]. breakup [vdSvdG08]. Breit [ZF00].

bremstrahlung [Fr08]. Brenner [LF02b]. brief [Mar08, SMS08, Ver00].

Briolou [Zah04, Zah05]. broad [dO02]. broadening [WCBN05]. broken [Sle00]. Brownian [DHB+04, RyOvV02, SS02b, WLR+08]. browsing [BBB+00]. BRST [PTL04]. Bruce [Ano04-56]. brushes [LS02]. BSR [Zat06, ZF09]. BtoVVana [BS06b]. bubble [NN06, WGS00]. buffered [GS01a]. builder [ACC+01, ABF+01]. Building [HS01b, BB+01, FMB09, SG04a]. built [LV08]. bulk [Mam08, Moh08].

Buneman [Ano04c]. Burgers [RE09, Zal00b]. bursting [TRGR08].

C [Koc02, KSS06, Ano09t, BCCW03, CJT06, Di 01, DH01, DM07, KS05, KKIS01, Mal00, NT05, Nat08, OGW03, RP+05, SWS+12, Tol02, iTKST01, WR01, Bre01]. C-code [Nat08]. CA3D [GS01a]. Cadabra [Pee07]. CADNA [JC08a, SJDC07]. Cahn [KEM+01]. calcium [KAC07].

calcium- [KAC07]. calculate [Alf09, AC05b, BBPS07a, BBS07b, BGH+09a, CCGR09, GFG01, GLHW01, GG03, KALC08, MM01, NN09, Sar00, SV01]. calculated [MMMM00]. calculates [Hor09].

Calculating [EMJH03a, APV00, All02, BBPS02, CP00, Cip07, Cip08, Cip09, Dzu09].
EKW09, Gro01, KW08, LZS06, LC01b, MS06, Mah08b, Mah09a, MFVJ07, Nat08, NY06, Por03, SHX02, SFR05, Tal09, WP00. \textbf{Calculation} [Alf05, Bek06, FM03, GF01, GMBC08, Jia08, Kir06, LVLS02, LS01, OMC00, ST02, UVLRR09, Vul03, Zah00, Zah01, AC07, AL08a, Bar03, BKM02, CCBL02, CWSH08, CHM00, CD04, Col07, CL08b, EVL00, FK00, FSB09, GSM03, GMAN07, Goc04, GDAG05a, GDAG05b, HHK00, IBA00, LANM01, MDS09, Man04, MR06, MWA01, MOC03, Nik03, PCC00, Port00, Ram03, RdAGV00, SLC09, SJP05, Sea02b, Sol01, TKB04, TNG00, TKN08, VF03a, VF03b, VS06, VT00a, Ves06, Yan09, ZScD08, ZS08, ZDKG05]. calculations [AIOST03, AJT07, Bac00, BTI01, BH01, BK01, BBB09b, BMG01, BD06, CN01, CD01a, CC08, Con04, Dan05a, Dan05b, DS06, Dan07, DTD02, Elm09, Fer07a, FFD00, FFG02, FTGG07, FKG00, GZF04, GIME02, GHP01, GGG01, GBTM07, GB03, Gol00, GW01b, GRS06, HC00, HHH09, HLC08, HPC05, HTM01, IM01, IBM03, JRT00, KDW00, KLM04, Kon02, LCB00, LOC05, LLV01, LEG02, LR06, LZ04, Mah09b, MC03, MHGV09, MSB09, MB01, Me01, MN01, MAM04, MAM07, MSHP02, MSHP20, OD08, OBG09, PFG06b, PWH00, Pog05, Pue06, QASF05, RP05, RGD01, SH01, SFH02, SMB02, SKNV01, SN07, SGM09, SMH01, SJ02, SR01b, SVM00, SYM00, SNBB02, TM01, TAKN02, TND04, TND05, TYS00, V031, V032, WKP01, Wil09]. calculations [ZF09, Zha00, dSdSW08]. calculator [Bar02, DK05]. calculators [Ste02].

calibration [AAM01, HTNFBS06a, HTNFBS06b, RTS01, TNBS04].

Campbell [WS09b]. can [BKB02b, Gre04, MMM00]. cancer [Dom05, TdRGD09]. Candida [CCG08]. CANM [AP04]. Canon [MP04]. canonical [Bae04, FdO09, J08b, KCH00, PRSB08, Zim05].

canonicalization [MG08b]. capabilities [BNO01]. capacitive [TC07].

capacitatively [KPL07, KCR07]. captions [An009]. capture [Ber03b, Car06]. capture-gamma [Car06]. capturing [Wei02a]. Car [CCFG05]. Carbon [HK02a, AP09, CSC07, CSC08, H02b, KKK07, LC08b, LF02b, N05a, OPO08, ÖD07, PLL07, Y05b].

carbon-based [LF02b]. Carcinogenic [EY07]. Carlo [FR07, JKW06, KR03, TA00a, WA07, AW04, ABM03, ACIZ07, ASF05, AGS07, An03h, ABB09, Asc08, BS06a, Bae03, Bae04, BBB09a, BJ02, Bar00, BDG08, ByG02, BR09, BL00, BMI05, BHM07, BM01, BHL02, BK05b, BDYK04, BKB02a, BKB02b, Bur02, BB03, CGCS07, Che05, CGK00, Cun09, CKA09, DS01, DDD01, DGL08, DDR03, DHL01, FNR06, Fd009, FNN01, GS01a, GPW04, GW01a, GPW09, Gra02, GOG00, GRS06, HPC05, HKL07, HC00, Huk02, JKW00, Jad00, JWW00a, JWW00b, JPS01a, JPS01b, Jad03, JS06, Jun02, JBS08, KH01, KPL07, K02, KL06, LTA05, LF02b, MBK09, MRS04, MHS05, MSS09, Maz00, MSK05, MP03, MB02, MB05a, P06, MG09a, MAB02, M06, Nat08, MLB07b, O02, OP08, PMA04, PSW00, Pop03, P02, RIB01, RP06, RS00]. Carlo [RK05, Sch04, SVP09, SLW02, SVM00, SSL02, TA00b, Tak00,
Zie04, Zie08, vdHKM08]. **coded** [HCO00, ICO03, SCO00]. **codeposition** [NG02]. **codes** [AG05, CR05, Dec07, DBE+04, HDG07, HHL06, Kud09, LC01a, MCL05, PSL05, RLI07, SBJ04, SJDC07, SSB+09, SGF04, TCY+08, WJW09, Zat06]. **Coding** [LS09]. **coefficient** [LL08, Ste02, SS02b, qX09, ZLL09]. **coefficients** [AG05, CR05, Dec07, DBE+04, HDG07, HHL06, Kud09, LC01a, MCL05, PSK05, RLI07, SBJ04, SJDC07, SSB+09, SGF04, TCY+08, WJW09, Zat06]. **coexistence** [FFF01, KF05a]. **coherent** [SJHY07]. **cohesive** [KBV802, YZD+07]. **coils** [YD06]. **coincidence** [MKJ+05]. **cold** [PCV06]. **Collaboration** [Ano04-46, PIT05]. **collaborative** [dSdSW08, GI01]. **collapse** [HBRS05, MMTH04, SBD+06]. **collection** [vDGM+09]. **Collective** [AK03, IV08, BA09, YG09]. **collider** [BDW06]. **colliders** [ABM03, BBB+09a, DDRW03, Kol03, Por03]. **Collision** [PM00, ZBB+06, CL08b, FBL00, RFK08, WRMG05]. **Collision-free** [ZBB+06]. **collisonal** [HD04, HvDJDvM01, KA04, MV04, ST02]. **collisional-radiative** [HD04]. **collissionally** [LMHB00]. **collissionless** [GBC+04, JBA+07]. **collisions** [Abe01, BF04, BPP01, Chv05, GFG03, HSGBK08, JWV00b, Tom09, TSA+03, TKK+06, WM00]. **collocation** [LFT01, LFT03]. **colloidal** [All05, CMS04, KNY05, MHK02, SBD+05, itVP08, YNK05]. **colloids** [DHB+04, FHR+05, SF05]. **color** [AEEdR05]. **colored** [Gen01]. **Columbus** [Pit05]. **Combinatorial** [Flo01, DLZ08, JS08, Zim05]. **combined** [ASJ+03, FSK04]. **Combining** [CL08a, DGBL08, GSM+03, HIN00, SR01b]. **combustion** [ZLM04]. **Comm** [DVL+04, LPR04, MSHP20, Ras17, TIM08, WA07, Yos07]. **Comment** [AA01b, Hon04, LHC02, Ixa01, Mar08, Ram10, WLD04]. **Comments** [Har02, Moh08, MA08]. **Committees** [Ano05j, Ano07a, Ano08a]. **Common** [KSS02, TBR07]. **Commun** [AA01b, AAB+07, CSC+08, CGG+09, CGVA09a, Hon04, Ida03a, Ixa01, JKW06, KM01b, KS08, Nat10, Poi09, Tho04a, Tho04b, TND05, Vo03]. **Communication** [BFL+01, TA00a, CD09a, GDC01, MP01a, SOAW08]. **Communications** [Ano02j, Ano02k, Ano02l, Ano02m, Ano02n, Ano02o, An003i, An003j, An003k, Br000, FNR+07, Fi00, GDA05a, MOS01, Ram10, SM06a, Wi10, GCD06, An003l, An003m, An003n, An003o, An003p, An003q, An003r, An003s, An003t, An003u, An003v, An003w, An003x, An003y, An003z, An003-27, An003-28, An004m, An004n, An004p, An004q, An004r, An004s, An004t, An004u, An004v, An004w, An004x, An004y, An004z, An004-27, An004-28, An004-29, An004-30, An004-31, An004-32, An004-33, An004-34, An004-35, An005k, An005l, An005m, An005n, An005o, An005p, An005q, An005r, An005s, An005t, An005u, An005v, An005w, An005x, An005y, An005z, An005-27, An005-28, An005-29, An005-30, An006b, An006c, An007b, An007c, An007d, An007e, An008b]. **Communications** [An008c, An009c, An009d, An009b]. **community** [KOS+09, MOM+00].
Comp [Ida03a]. compact [JS07, Jen01, SIH+01]. compacting [KBBW02]. compaction [RLH+09]. compacton [YB02a, Yan03a]. comparable [DCJ07]. Comparative [FHW+01, BCV03]. Comparison [FS03, HKLY07, LJY07, SG06, Van05a, YZW02, BP08b, KALC08, RE09, RL07, TBZ12, Ver00, PSK01b]. comparisons [GPW04]. Compartment [GMAN+07]. COMPASS [Mar01, TLDM03]. Complete [AC05a, CK08, Zim02]. completely [JP09]. completeness [AC09]. completion [SHV+01]. Complex [CIC+03, KD09, LLH07, NM03, Ber02, BMK02, CDFF05, DBP01, GSS06, KM01a, LB050, MCH02, MC08, MPK00, Mic07, MS08b, MPS09, NN00, Poi08, Poi09, RDSS01a, SK08, SHZ01, TT06, TB85, TB87, Tho04a, Tho04b, Tod01, WKP+01, WRMG05, WLGX09]. Complex-scaled [NM03]. Complexity [MBC+09, SSA07]. complicated [NP00]. Component [LM00, JKCGJ08, TdFK00]. components [Ter06]. composed [GBD03, HSS+08]. composite [CL03, GMBC08, PKPV02]. Composition [KFB01]. compound [BAB04]. Comprehensive [SBM+04, TJL06]. compressible [Idd00, Ida03a, Ida03b, LTA05, TIM07, TIM08, dNM07]. compression [MM05, OCK+00, Pet04]. Comput [AA01b, AAB+07, CSC+09, CGVA09a, DYL+04, Hon04, Ixa01, JK06, KS08, LPR04, MSP09, Nat10, Poi09, Ras17, Tho04a, Tho04b, TND05, TIM08, Voi03, WA07, Yos07]. Computation [AS00, BMC05, GFS03, KMS09, SKH02a, WRN01, dDSFY04, BD00, BG04, BS00a, BD00, CNMC09, Che07, CA09, DB08, FD03, FL01, Gal00, GT01, Hon04, Idd02, Ixa07a, Kol09, KTL05, KH06, LTV09, LTG09, LJ08, MS08b, NJ00, Pap01, PPC07, PTL04, RTVZ08, SMB09b, She08, SI01, Ste01, TF04, UTK05, VK09a, xBl04, xQ08, Yan02, Yef02, dSdSW08, dGGS+05]. Computational [Att09, BDL00, DC05a, Gou00, GI01, HKK02b, KB04, LC80+00, Lan07, Mel01, MRF+05, MS05b, MB05b, Nov02, OLX07, PRBD09, SWS+12, SHJ07, Sew02, TdRGD09, Ano09a, BLM01, dSB00, Bor02, Bor07, Bra05, CZC00, CRS01, CMT00, CMT01, CSZ+07, FS00, GGL+02, GLL+02, Gmu02, KAB+00, KB02, LNK01, LPC+04, LCE+09, MSK+02, Min01, NP01a, OBG09, RM05a, Rnu02, SG00a, SM04, SM06a, SMB09a, SL01, SAG+02, Suz00, TCV+08, WG01, WM00, You02, Zie08, Hoo04]. computational-task [Ano09s]. Computations [Str01a, Ada04, ABNA05, ABD+05, BBD+09, Di01, DPSG06, FIT03, FMN01, Imm07, KMMZ05, KKF+04, KM08b, Liu07b, ZE00, vDGM+09].

compute [BCP04, BFLW07, CG04, Dy09, HB05, KP00, Sal02, SSP08a, Ver00].

Computer [All05, AC05a, Ano02j, Ano02k, Ano02l, Ano02m, Ano02n, Ano02o, Ano03i, Ano03j, Ano03k, BA09, BR09, BVD04, CAAM08, DHMD00, Elb05, FNR+07, Fij00, Goc04, GH01, GDAG05a, HMY+02, JDBT06, KM01b, LPR04, LPR04, LVLS01, LMS+02, MOS01, NY06, NY08, NP00, Rani10, Rob00, SM06a, SBBM04, SAU+04, TA00a, Tod01, Wu10, BCC+08, BDLT02, BCG03, ...]
BG06, BL05, BKKS09, BD06, BCV03, Cha07, CRS01, Cip07, Cip08, CHP04, CPT+01, DS06, Dan07, DDM07, DMD+07, DJ08, DSS01, FKP03, Fra07a, GS01b, Gro01, HJM02, IOM00, JP09, JDBT09, K04, LM02b, MTL01, MG08b, Mas00, MVS05, Mi002b, OGKL02, Pee07, PGSS02, PKKM02, Pue06, RFVR09, RDSS01a, RDS02a, RDS02b, iSHS+08, SPC+05, SMS+00, SI01, SHI02, SHH+04, SIE04, TNCG00, VT00a, Wei04, Xia01, ZSSA00].

**Computer**

[Ano03l, Ano03m, Ano03n, Ano03o, Ano03p, Ano03q, Ano03r, Ano03s, Ano03t, Ano03u, Ano03v, Ano03w, Ano03x, Ano03y, Ano03z, Ano03-27, Ano03-28, Ano04m, Ano04n, Ano04o, Ano04p, Ano04q, Ano04r, Ano04s, Ano04t, Ano04u, Ano04v, Ano04w, Ano04x, Ano04y, Ano04z, Ano04-27, Ano04-28, Ano04-29, Ano04-30, Ano04-31, Ano04-32, Ano04-33, Ano04-34, Ano04-35, Ano05k, Ano05l, Ano05m, Ano05n, Ano05o, Ano05p, Ano05q, Ano05r, Ano05s, Ano05t, Ano05u, Ano05v, Ano05w, Ano05x, Ano05y, Ano05z, Ano05-27, Ano05-28, Ano05-29, Ano05-30, Ano06b, Ano06c, Ano07b, Ano07c, Ano07d, Ano07e, Ano08b, Ano08c, Ano09c, Ano09d, Ano09b, Koc02].

**computer-generated** [SI01]. **computerized** [FD03, GT01, Hon04, LMC+03]. **Computers** [Esq02, Ano02a, At09, CSS+03, Mak01, Mei01, MT00, OLS+01, OSK+02, OCK+03, Ref00, TYS+00, Yos01]. **computers-past** [Ano02a]. **Computing** [BSTC05, Bre01, Bro00, CC09, FPB08, GSS06, RM05a, Sh04, Shi07, Thi01, VS01, WS09b, YM03, ZSM05, ADE+02, AJ08, Ano03b, BS03, BN07, BD06, BDI+05, CMRS02, CD05, COE+05, CC07, CCL08, CRU00, CGA+07, CGVA08, CGG+08, CGG+09, CGVA09a, CGVA09b, CBM+05, Dan09a, Dan09b, Dra01, Fel08, GBM02, GCK02, HLB06, JP09, JG02, KVR+00, LbotMC01, LMC+03, MC07, MA04, MA08, Nil07a, PKPV02, PMV02, Shi07, SMZ05, SS07b, TJD09, Tri05, VPK+01, ZF00, ZZ09, Yos04]. **concave** [Dem06]. **concept** [BLS01]. **Concepts** [San00]. **concerted** [Nak07]. **concrete** [FKMB09]. **concurrent** [JPS+01b]. **Condensate** [TQ03, KALC08]. **condensates** [BGJ+07, CC07, CCL08, CC09, LR07, Nil07a, SVS01, ZZ09]. **condensation** [ASJ+03, CPS00, KW03]. **condensed** [BH03, CMR01]. **condensed-matter** [CMR01]. **condition** [MP09, WGL06, YSM09]. **Conditions** [TLDM03, AAP03, AA08, CRS05, CLR08, CY01, CS02, EH07, KEM+01, Kos05, KT07, LAT04, Liu07a, MNV00, Rob00, Rob01, SGK09, WYL09, WXY09, xQ08, da08]. **Conдон** [GME06]. **conductance** [KAC07, Ver00]. **conducting** [CAW00, QR01, QG04]. **conduction** [JHvO03, TNI+07]. **conductivity** [GMBC08]. **cone** [Har00]. **Conference** [Ano07f, Ano08d, BD00]. **confidence** [AS00, Bar02, Con04]. **configurable** [ATB+01]. **configuration** [AAG+04, AAM+01, BM04, BKM05, FFG02, RCG05, SJF07, TEP00, TNCG00]. **configuration-interaction** [RCG05]. **configurations** [BK01, BKM02, BKM05, DCNDC09, GSF05, GHIL09, SKH02b]. **confined** [CH09, CW01, KEM+01, LC07, PS08, SA09]. **confined**
Copolymer [ZM00]. CORBA [LM00]. Core [BVY05, HSS*08, MMTH04, NM03, ON08, PKB+01, RM05b, SBD+06, TND04, TND05, WLR+08, AIOST03]. Coriolis [CA07]. Coriolis-coupled [CA07]. Corners [Ple02]. Correct [Rob00]. Correcting [ZS03]. Correction [SS02b, DVL+04]. Corrected [FGR06, JPS+01b, KLD04]. Correlated [AC07, Alv09, SOS01, Zha00]. Correlation [SS02b, DVL+04]. Corrigendum [LPR04, MSHP20, Ras17]. Corrugated [YW01]. Cosine [CJC09]. Cosmic [Tol02, Min01, NRR01]. COSMOCR [Min01]. Cosmological [ACDF03, BADC07]. Cosmology [Min01]. Cost [Got01]. Cost-effective [Got01]. Cotes [Sim08]. COULCC [Tho04b, TB85]. Coulomb [Tho04b, AMP+00, BBB+04, DSC06, FSB09, HJZ09, IM01, LS01, MR05, Mic07, Nob04, OIKN02, OS03, PAT+09, Sar00, Sea02a, Sea02b, Sea02c, TB85]. Counterpart [BSB02]. Counting [CM06, Car06, Car07, RCGC00]. Coupled [BOG+07, CDH+06, HFC05, ASF+05, AK07, Bac00, CGA+07, CGAV08, CGG+08, CGG+09, CGVA09a, CA07, EMJH03b, GLL+02, Gut06, Ixa02, KPL07, KCR07, LVV06, pLBLO3, Mol01, PKKMO2, Riz02, SJF07, SQ03, TEP00, TY01, WJW09, YTO1b]. Coupled-channel [CGA+07, CGAV08, CGG+09a]. Coupled-cluster [PKKMO2]. Coupling [DTHL09, CKS00, DK05, DKC08, FIBT01, FIT03, Fr09, GF01, GFF01, GFP01, GFP02a, GFP02b, GSF05, IF01, PFG06a, PHKLO2, Ste02, TÖ06, dIGGS+05]. Couplings [EH06, JKWO0, JKWO6, PSW00]. Covariant [CMM09]. Cover [HBW05]. CP [HWW00, LVV04, LPC+04, LCE+09]. CP-Even [HWW00]. CPC [BJS00, BB09b]. CPM [LVV06]. CP-SuperH [LPC+04]. CP-SuperH2.0 [LCE+09]. CPU [FEHC01]. CR [NY08, PKKMO2]. CR-39 [NY08]. CR-CCSD [PKKMO2]. Crack [MCC05]. Crack-tip [MCC05]. Cracks [VKN07]. Cracow [Gre07]. Cranck [Sch05]. Crashes [Sor02]. CRAY [ALN+01, WHL00]. Create [Esq04]. Critical [dIRBP09]. Critical [CM03, JJK05, LWT08, Bal01, BBJS09, BJ08, BL00, BMML05, DGAG06, FBB01, GDAG05a, GDAG05b, KSS02, MCH02, MKM02, SS07a, Sat02, TBL02, YGT+02, ZSD+08]. Criticality [KF05a, SOS01]. CRMModel [HvDvdM01]. Cross [AIOST03, BS03, Cip07, Cip08, Cip09, HSGBK08, H09, Kol09, LDBG08, MOC03, Nik03, OMC00, Pap01, Sal03, SMB09b, Yos03, Yos07]. Cross-section [Pap01, SMB09b]. Crossover [BCB02, ACC09, ISSB01, RCCG05]. Crossovers [MKM02]. Crumling [TÅT09]. Cryptanalysis [ÁMRP04, WLW04]. Cryptographic [ÁMRP04, kWPLW01, WLW04]. Crystal [FFK02, GOH06, GLP03, KDW00, OGG07, RIB01, SSH02, SHX02, TDY02, PCCD09]. Crystalline [HJL09, LS02, PCCD09]. Crystallization [LS09]. Crystallographic [CPV+08]. Crystallography [BH01, SHV+01]. Crystals [All05, BVY05, CAAM08, GLHW01, IN09, KNSY07b, KNSY07a, LPRS02, LPR04, LPC+00, PKKR07, PG502, SSPM05, SYM00, TBR07]. CTEQ
[Bar03, BT04, BCKT09, CCGR09, DKC08, FK00, Hah01, HL08a, KKK06, Ots01, TF04, VMMB02]. **DIANA** [TF00, TF04]. diatom [HSGBK08]. diatomic [MDT03, PJK00]. Diatomics [NW02a]. Diatomics-in-molecules [NW02a], diblock [ZM00]. Dielectric [FER+07b, Bre07, HKPL07, KM05, LLT+02, NJ01, Zha01]. difference [BGH04, BT01, CCL08, DR09, EMJH03b, GVMW04, GKI02, GKI04, GMAHV+09, HL05, Im07, MZB+04, NN06, RL+08, Rob01, SHX02, Wan09b, KSC+00]. difference-difference [GKI02, GKI04]. Difference-differential [BGH04]. difference-differential [BGH04]. Di erence [BGH04]. Di erence-differential [BGH04]. Di orientation [BRdAHK04a, BSO+04, BK05b, FBB01, Gro01, GSSN00, MTZ00, MP06, PCC01, Wan01, BredAHK04b, dAK01]. Di orientation-driven [BGH04]. Dipack [Hoo04]. Diffpack [Hoo04]. Diffraction [BGDAhK04a, BSO+04, BK05b, FBB01, Gro01, GSSN00, MTZ00, MP06, PCC01, Wan01, BredAHK04b, dAK01]. Di orientation-driven [BGH04]. DIFFREALWAVE [HSGBK08]. Diffuse [dA08, GLMADB+02]. diffusion [AV00, BS00b, BNSY02, CZC00, CL03, CJK09, EELZS04, GS01a, IOM00, KP01, MZB+04, PC08, RM05, RMK05, RP+05, SMSE03, TE05, VNPW02, Wei02a, WLR+08]. Diffusion-convection [EELZS04]. Diffusion-driven [KP01]. Diffusive [BDHP08]. Digital [ISAK+08, AAA+00, RTVZ08]. DIII [KSSH04]. DIII-D [KSSH04]. dilepton [Abe01, Abe01]. dilute [CP00, SVS01, TS06]. diluted [BCBJ02]. dilution [CBBJ02]. dim [GBD03, GCP+02, GDC01]. dimension [BGJ+07, GBR+09, NJ00, SBD+06, TdRGD09, Vor02]. Dimensional [Ker02, AC07, Bac00, BTK+02, Bre05, CSC+07, CSC+08, CLL+07, CD01b, CG01, CHM+09, CND09, Elin05, ES09, FHR+05, GR02, GO00, Har02, HB05, HJ07, Huj05, HW09, HI01, IK+08, ID09, Im07, Jad00, JKKT00, KT05, KT08, KNT08, KNTG03, KKF+04, KNU00, KM01c, KK01, KA04, KR05, LHC01, LHC02, LSL07, LCS07, LV05, Li03, LHS+06, LKPH08, MY09, MMTH04, MSD08, MOS00, MOS01, NY04, Ots01, PRRK07, PD08, Pis00, QG04, RvYR09, Ram05, RM05b, RL+08, Rob00, RG04, iSHS+08, Sch06a, SBJ05, SSB+09, SW09, SD07, STK+00, TRGR08, MTTF00, TAK03, TY07, TZO06, TNI+07, Tat07, TY01, TYS05, TDD04, TL09, UTO09, Var08, Ver00, Vos06, WGDZ04, WC05, WH06, WS09a, WTW04, XZ12, Yam00, Zak06, vHK00]. Dimensionality [Pis00, Bac02]. dimensions [BR01, BCBJ02, BSDMH05, BKK05, Cre00, EELZS04, GBC+04, JK08, LEG02, MK08, NGE+04, PM00, SMH04, SGF03, SM02]. dimer [CCBL02, EVL00, Kim07, KK01]. diminishing [NNR01]. diodes [HTL+03]. dipolar [TZO06, TK08]. Dipole [DN05, SW01]. Dirac [BBR03, BFLW07, Cun09, FZ09, GL02, GZDA01, Luis04, MW01, MK08, MKK05, Moh07, NM01a, Pog05, SJ05, TD03, Vul03]. Direct [CC04,
BBPS09, Ber03b, BDB+08, FD03, Hon04, Nur04, PGS02, TG00, Wal03.
direction [LTT09, XZ12]. directions [CL08a, MSK+02]. discharge
[KPL07, KHL07, KA04]. discharges
[BL09b, CS07, HKLY07, LHS+09, RMVQ07, TC07, WJW09].
disconnected [Krö05], discontinuous [Ga100, LS05]. Discoveries
[TPBE04, ZSSA00]. discovery [DEM00]. Discrete
[BW01, TAT09, Wan09b, BDK+06, CNFR01, DW01, Har00, LbotMC01,
Lu00, MSD08, Str00, TSI02, WHO02]. Discrete-expansions
[BW01]. Discretization
[EG09, MM04, DPSG06, KT05, KNT08, WS09a, Zit09].
discretized [CHS09, DB08, HZGZ09, OS00b]. diseases [Dom05]. disk
[WH05]. disks [SSLN02]. dislocation [Cle05]. dislocations [MS05b].
disorder [GW01a, Voi02, Voi03]. Disordered
[KM05, CM02a, NH09, RLU01, Ver00]. Dispersion
[QCML03, CL02, Sus01, Tam03]. dispersions [KNY05, YNK05]. dispersive
[LBPS09, NN06, Ram10, Ram12, YB02a, Yan03a, Yan03b]. displaced
[GME06]. displacement [AI09, BA09, GLHW01]. display
[BCD+01, LYL07]. disruptions [EH03]. dissemination [KL07a].
dissipation [GIME02, KG07]. Dissipative
[ZM00, AK02, DC03, HNS01, NT05, NKV03, SVA03]. dissociation
[HGVC+02]. dissociative [PNH00]. Distributed
[FSBG00, GC01, AKG02, BLM01, BV00, BTS06, CDH+06, Di 01, Han00, HKP02, KAB+00,
LbotMC01, LNV+09, LM00, TG00, TYS+00, WMK09, Xia01, dSdSW08].
Distribution
[MK02, BDBV12, FGA04, FPB08, HTM+08, HBMJ05, JH09b, KHL07, KS84,
KS08, LWY01, LC01b, OPB+09, Ram10, VS06, Yan09, Yos07, YW01, vHK00].
distributions [BBOY08, Har02, JJK05, LHC01, LHC02, LV08, RF08, Sui05,
Vog05, Wei02b, WHO02]. divergence [JH09a, MOS00, MOS01]. diverse
[ZPB09]. divertor [KY07]. divide [SKN05]. divide-and-conquer
[SKN05]. DL [Sea01]. DL_LEED [Wan01]. DL_POLY
[BT06, DHE05, KSY00]. DNA
[CDFF05, DLZ08, Dom05, Ger07, KK05, LOY07, Zim02]. DNA-chip
[Dom05]. DNS [HDG07]. documents [GM00]. Does [Nur04]. Domain
[BP08a, BH07, CMT00, CMT01, Den08, DTHL09, Hei01, HL05, IW01, IW02,
KB00, LM02a, Lus04, NFD02, NN06, Uhl03]. domains
[BLM01, GS01a, NFD01, NFD02]. doped [JK01, MB05b, NW02a]. Doppler
[WCB05]. dot
[BNSY02, CLFH07, EMJH03a, EMJH03b, LLV+01, LCV06, WHJ06]. dots
[EMJH03b, LVLS01, MWA01, MP05, RG05, TNCG00, Vos06, WVD05, Wan00].
Double [HG02a, BMML05, BK05b, CWW07, FMM01, KFI+01, LY05,
RF05b, RF06b, YK02]. double-photon [KFI+01]. double-stranded
[YK02]. doubly [ACIZ07, Yan02]. doubly-periodic [Yan02].
doubly-polarized [ACIZ07]. down [CM03, TJLR06]. DP [LJ09b].
DPEMC [BK05b]. Dr [AA01b]. drag [KMB02, MY00a]. DRAGON
elasticity [ACC09, LÅT04]. elasto [SM06b]. elasto-plastic [SM06b].

Electric [NY07, FSK04, KMR+09, NT04, SGF04, WTH+04]. Electrical
[CTI07]. electrically [Ram12]. electro [Pis00]. electro-magnetic [Pis00].
electrochemical [HL00a]. electrochemistry [SN07]. electrodynamics
[Har00, KNU00]. electrokinetic [PCF05]. Electromagnetic
[CAW00, FS08, PCK00, DEW00, GFP00, HL05, JBBR01, Jen00,
JTS+06, KV07, LKPH08, PFP09, PD08, PFP+03, Poi08, Poi09, Ram10,
SLMS06, UOM01, UOTM03, UTO09, VAH04, Ver04, WPL02, WRC+04].
electromagnetics [FKMB09]. Electron
[BRdAHK04a, BRdAHK04b, LLV+01, MMM00, NKL05, RdAGV+00,
dAK01, AC07, ABM04, Alv09, BF04, BPP01, BM04, Car06, CKV04, DC05a,
EÂU05, EKW09, FPB08, Fri03, GPT08, GGO3, Gt06, HPC05, KKKC07,
KHL07, KA04, Kon01, LV08, LVL01, LVL02, LRR+09, Mâ08, MCBR03,
MWA01, Moh08, Nik03, dRBPL09, PCK00, PFP01, RMLB01, RCG05,
SKH02a, SMB09b, SMV01, SJHY07, SNBB02, TAM04, Ton07, Wan01,
WD04, WRN01, WM00, Yako, ZPB09, Zha00, Zha01].
electron-atom [GG03, SNBB02]. electron-capture [Car06]. electron-cyclotron
[PPP01]. electron-ion [BF04, HPC05, MCBR03, SNBB02]. electron-molecule
[WM00]. electron-positron [BPP01]. electron-transfer [DC05a].
electronegative [CS07]. Electronic
[FW01, HP06, LTT09, LLLZ01, MWA01, SMB02, SN07, TGB01, Zha01,
AJT+07, BTO01, BB00, BM01, CPV08, CTSZ07, GHP01, GBD03, HCO0,
HTM01, KFJ+09, KLM00, LZ04, MSB09, PKSF01, QASF+05, RG05, RB08,
SNV01, SMH01, TTH01, TNCG00, VNS06, WKP+01, YG09].
electronic-density-functional [OLS01]. electronic-structure
[KLM00, MSB09, PKSF01, RB08]. electrons
[Eâ01, EH03, Hor09, MK05, RL07, JSP05, SMSE03, Sro01]. electrophoresis
[KKM02, KK04]. electrophoresis-computer [KK04]. electrophotological
[MS05a, SWY01, YW00]. electrostatic
[AH02, BGS+04, CSC+07, CSC+08, DTHL09, MB04, WJW09, WHL07].
electroweak [ABB+09, HLO8b, KP00]. element [BDK+06, BLS09b, CN01,
EFS+08, GPT08, PKSF01, PDA06, TÅT09, TNO7, WH00, XSC09].
element-dual [GPT08]. element/molecular [OLS01]. elementary
[Fod05, Str01a]. elements [AC05a, AC05b, CN01, CGG+08, CGG+09,
ÇHM00, GF01, GM06, HLO8b, JBBR01, KTL05, LCHJ09, LS01,
O03, PCE+08, Pâ+09, Sa00, UTKF05, VS06, You09]. elevation
[RTVZ08]. Eley [LJ01]. Eliminating [LC08a, Man02]. elimination [WR01].
eipsoid [LB00, W205]. elliptic
[AE02, PKST03, Yan02, Yan03b, Yan03c]. Elman [TWY09]. ELMFIRE
[SOAW08]. elongational [MDT03]. elsepa [SJP05]. Embedded
[SKN05, ASVA00, Far01, KDW00, VÜ04]. Embedding [Ing01]. Emden
[SPS09]. Emeraldine [CCFG05]. emergence [KOS+09]. emerging
[Lü00, REAB09]. Emery [DK08]. EMILIA [Car06]. Emission
[RdAV+00, HCH+06, KFI+01, LCOB+08, RLV+08, SJHY07, YOS03, YOS07].
emitted [CP00, HD04]. emitter [LC08b]. emitters [Car06]. emitting [HTL+03]. empirical [SSZ01]. employing [KKF+04, RMK05]. Emulator [DHMD00]. Emulsion [vdSvdG08, UVLRRC09]. EMX [AEB02]. enantiomeric [GLL+02]. encounters [RRRHD08]. encryption [LMC+03]. endpoint [LWT08]. energetics [OBG09]. energies [BCG03, CWSH08, EK09, JWW0a, KPD06, LK07, Sea0a, SVMT00]. Energy [BBC+01a, BrdAHK04a, DH01, FGV01, New07, TS08, Tol02, ATP01, BBB+09a, Bes02, BFL04, BKM02, BBB+09b, CBCL02, CC07, CCL08, Che05, CGA+07, CGYA08, CGYA09a, Cra01, CCRA05, DVL+02, DVL+03, EA01, EVL00, FK00, Fri03, GGG01, GK05, GLL+02, GPW04, GSSN00, GMO03, HP06, HG02b, HGH+05, IK00, IK00b, KHIL07, KW03, LPC+00, LVL01, LLV+01, LAF01, MR06, MNYY00a, MSHP02, MSHP20, MM01, Nob04, OD08, Sak07, Sch08, SEF+01, SMH+01, Sol01, SR01b, SKRK04, SFR05, TAP01, TZZ06, TYSH05, VS06, Wan01, WZH06, WLGX09, XSC09, dMBC+06, BrdAHK04b, dAK01]. Engine [ON08, Vég04]. engineering [HKK+01]. Engineers [Mal00, Bre01]. Engui [Hon04]. Enhanced [PM02, EHHH06, RMW01, TGD07, TL08a, WS04]. Enhancements [SRR+00]. Enns [Koc02]. ensemble [Ber02, GCK02, HM06a, Hu02, JBS08, KND02, Nak08, OK06b, Zim05]. ensembles [IW02, OO05, WV04]. Entangled [KSEG05, Ryc05]. entanglement [KF06a]. entanglements [Kr05]. enumerated [SH06]. Enumeration [Jen01, BM06, SB05]. envelope [HS07]. envelope-kinetic [HS07]. environment [BCH05, CSZ+07, GKP+06, KPD06, KL07a, KW07, PDL04, iSAK+08, TJD09, WR01, ZC09]. environments [PKB+01, ZPB09]. enzyme [HMJ02]. epitaxial [AFP02, BSvdDW02, Dan05b, SY02]. epsilon [CHM00]. Epstein [Ram10, Yan09]. equal [PR06, Zak00a]. Equation [KD09, AA08, ATIO06, AKZ00, ASVA00, AKS01, AKS02, Bat03, BHF05, BV00, Ca09, CSCK08, CPS00, CR09, DWZS05, DR09, DM09, DC07, DGS08, DSO09, DKV00, Dys02, EELZ04, Fi09, Fij00, FS01a, FZ09, GNZ+09, HCH+06, IH09, Im07, Ixa02, Ixa07b, KMS09, KAO9, KEM+01, KBF00, Kos05, LRI+06, LOCJ05, LB00, Li03, LL08, Lu00, Li04, MZX+04, MK08, MA09, NT04, NJ01, Nurl04, PC08, PAD07, PK01a, PSK01b, PSV00, Ram05, Riz02, RL+08, ST02, SZ00a, SG06, SR05, SW09, SGF03, Sim00, SW00a, SVA03, Sim09, SZ00c, SM02, SFSL09, Sug01, TYY03, TQZ08, TS06, TD03, TKS00, UN12, UK02a, UY04, Van05a, Vu03, WGDZ04, Wan05a, WC05, Wan06a, Wan06c, WS09a, WT01, WV05, WW06, XSC09, XZ12, Yan03d, Yao09, YB02b, Zak00a]. equation [Zak00b, Zak01, Zak06, ZY09, vdHV08]. Equations [Hoo04, IH09, IHAR09, AP04, ACK05, AHS09, AMP+00, AK03, AK07, BGF04, BD05, BDP00, BT01, BDH+05, BCV03, CC04, CLR08, CHS09, Che07, CJK09, CGG+08, CGG+09, CTG01, DFM03, Den08, DDO0, DO04, DO05, DSC+09, EST00, EG09, FD03, Frd09, Fat02, FM00, FMQ05, GT01, GKI02, GIK04, GSG03, Hon04, HZG09, HHWH07, HHL06, IOM00, J08, JC08b, KS07, Kas00, KKSR04, LVV04, LVV06, bLP02, LL04, LY05,
Equations-Numerical [Hoo04].

Equilibria [CHM+09, KZS+00, MSK+05, SVMT00, ZSK+04].

Equipped [BDBV12, BL05, CD04, Col07, DGV08, Elm09, HYY07, JBA05, TCF00, ZSSA00].

Ergodicity [CTR00, Ram10].

Establishment [BB09b].

Evaluation [FKMB09, Nob04, SM01, SG00b, ST09, WD04, BBR03, BK01, Bru04, CGM01, Dun05, GR01, GR02, GS01b, GZDA01, HS03, KS05, KNTG03, KSHP02, KCH00, Mam08, MN01, MKK05, MN07, Moh08, MC09, OS03, PIs00, PRBD09, SOYN01, TQ03, TGD06, Vog05, Wei02b, ZSK+04].

Evaluations [Sal02].

Evolutionary [GOH06, vHLP08, ATO10, BS0+04, CNFR01, Iwa01].

Event [Ano07-31, BFMH+01, KRW03, KFI+01, ACC+01, BCD+01, BBA+09a, CDEW04, CB05, DDM05, DH01, JW00b, JPS+09, KZS+00, bLpL02, LL04, pLbL03, MSY07, MA06, PRBD09, SOYN01, TQ03, TGD06, Vog05, Wei02b, ZSK+04].

Evidence [BMML05, LCPC04].

Evolution [CS02, Cle05, KHL07, SR09, AG05, BFI+00, CCG08, CTSZ07, FS01a, HH06, JS06, JPS+09, KZS+00, bLpL02, LL04, pLbL03, MSY07, MA06, PRBD09, SOYN01, TQ03, TGD06, Vog05, Wei02b, ZSK+04].

Ewald [Har02, LHC02, BTO06, FMD07, HLC01, OD007].

Exact [AC07, BM06, EELZ04, ESI01, GME06, LR07, QASF+05, RM05b, SJ05, CA09, CAF+03, Dy09, HB05, LL04, pLbL03, LL08, MC03, Mi06, Mi07, Poi08, Poi09, Sch06a, SL09, TYN02, Yan03d].

Exchange [QASF+05].

Excitation [QASF+05].

Examples [Teh01, Vég04].

Excitations [OS03, YG09].

Excited
[BCH05, CWW06b, LHMB00, MHGV09, MCBR03, NW02a, RDF02, TA00a, TA00b]. excited-state [BCH05]. exciton [KN07b]. Excitons [vdHBP+02]. excluded [BDH+05]. exclusive [MP06]. execution [BLM01, REAB08, T606]. exercise [ZS07, ZS08]. exhibiting [KLTH04]. ExHuME [MP06]. exited [BAB04]. EXOTIC [TA00a, TA00b]. expanded [Cip09]. Expanding [HHM+09, HM08, Fel08, FT08, HM06b, KTG04a]. expansion [ASF+05, CRUV00, FSB09, KTT02, NFS01b, Pit05, San00, VK09b, WP06, Wei02c, Yan03c, Yan03d]. expansions [BW01, HJJ2, RS09, Sea02b]. Experiment [HLW05, HKL+07a, HKL+07b, ADD+03, ABF+01, An03h, EFBP04, HJM02, KB02, TLDM03]. experimental [AA07, An01n, CHL+07, ZSdD+08]. experiments [DDM07, FGV01, GGQ01, Gre04, HLW05, HKL+07b, SG04a, SEC04a]. expert [KS07]. Explicit [GFP00, TQ03, AKS01, De 02, FSW08, GWK09, JH09a, LPC+04, LCE+09, MV09, ON08, Van05c, itVPG08]. exploitation [ADE+02]. Exploiting [MG09a, SPM00, TYS+00, VHL09, YN05a]. Exploring [MSS+07, PL05, LLY07, SIIH+04, SIE04]. Exponential [VAMVR08, MG09a, MG09b, Ram12, VC08, dIHV08]. Exponentially [Fra07b, IVD03, ASVA00, CFMR08, KMS09, Sim00, SW00a, SVA01, SVA03, Van06, VIV01]. exponentially-fitted [ASVA00, KMS09, Sim00, SW00a, SVA01, SVA03, VIV01]. exponentials [Fra07b, IVD03, ASVA00, CFMR08, KMS09, Sim00, SW00a, SVA01, SVA03, VIV01]. expression [TS08]. expressions [GME06, Pog05]. Extended [Huk02, Wu10, Yan02, YYW09, Cha04, LIV06, LF02b, Nap09, NFH06, Ots01, Str01a, TNI+07, Yan03c, FT03]. Extending [BH02, Fd009]. extensible [LAMH06, RSD01, CD01b]. Extension [ATIO06, SR01b, TV07, Dan07, DDDMS02, GWK09, KBC+09, Mah09b, IW02]. extensive [EFG+00]. external [BGH+09a, DC08, FHR+05, FV02, JTS+06, KKK00, KSS02, KDSB04, SSLN02, TV07, TL09]. externally [LLPL08]. extra [Cre00]. Extraction [HG02b, GBA01, OG07, VHL09]. extrapolation [dDSFY04]. extrema [Nov02]. Extreme [RRCV09, DM07, YM03]. extremely [LOCJ05]. Extremes [Sor02].

F [Sha04, RDSS01a, HD04]. F-like [HD04]. f1 [CG04]. fabrics [RGR+04]. FaCE [TND05, WN01, TND04]. facility [VSBD00]. factor [DHS00, Esi01, Kon02, SKH02a, VC08]. factorisation [MA00]. factorization [AKZ00, PDA06]. factorized [PSV00]. factors [FMG00, GME06, RS03, WD04]. Faddeev [TND05, LEG02, TND04]. falling [Aok01]. Families [MK07, De 02]. family [CJC09]. Fan [Hon04]. far [CP00]. far-field [CP00]. Farm [BFL+01, BNF+09]. FARM_2DRMP [BNF+09]. farms [ABC+01]. farside [Cha07]. FarSight [SEC04b]. Fast [ABRS12, BDH+02, BH01, Bun01b, Bun01a, DSC06, GKK+08, Ixa07b, MHS05, MS08b, RM05a, RTVZ08, Sui05, VKM+05, Wei02b, WR01, YNS+09, AC07, AH02, BB04b, Brun00a, CCG09, CBMS08, CD04, EKW09, ES09, HC00, HJZ09, JK08, Kos05, Lad09, LC08a, LZC+08, MP04, MG08b, MOC03,
KMP09, LLCS01, LMC$^{+03}$, MTJ02, MOS00, MOS01, OLS$^{+01}$, RP02, Rob01, SLMS06, SHX02, SS02b, Tom07, VBF01, WHJ06, Whi00, XSC09, KSC$^{+00}$.

Finite-difference [HL05, NN06, BTI01, Im07, SHX02, KSC$^{+00}$].

Finite-element [PKSF01, OLS$^{+01}$].

finite-element/molecular-dynamics/electronic-density-functional [OLS$^{+01}$].

finite-level [DB08].

finite-size [BJ08, DGAG06, HGW05, RP02].

finite-size-particle [VBF01].

finite-temperature [Zha00, KMD$^{+02}$].

finite-volume [Cha04, MOS00, MOS01, SLMS06].

finite-volume-fluxball [Tom09, KFJ$^{+09}$].

First [Ano09a, CM02a, Har01, KKKC07, LN01, RG05, Tsa02, AS03, AJT$^{+07}$, ABC$^{+01}$, ADDdM07, CR05, CBBJ02, CHTJ07, CGVA09b, EYJ07, FG04, GBTM07, IVD03, JPS$^{+01}$b, LDZ$^{+08}$, LA09, MCBR03, MSK$^{+05}$, Mor01, NKS05, SBCZ08, WK$^{+01}$, W100, ZWD05, vHBP$^{+02}$, SZ04].

first-order [CBBJ02, JPS$^{+01}$b, LA09, ZWD05].

First-principle [Tsa02].

First-principles [Ano09a, KKKC07, AJT$^{+07}$, CR05, CHTJ07, EYJ07, FG04, GBTM07, LDZ$^{+08}$, MCBR03, Mor01, WK$^{+01}$].

Fischer [Bur01, Hib01].

Fission [DTD$^{+02}$, VT00a].

fit [ATP01, GKK$^{+08}$, TAP01].

flattened [ASVA00, CMF08, FSW08, Fra07b, IVD03, KMS09, MFK07, PAS09, Sim00, SW00a, SVA01, SVA03, Sim00, SWFL00, Van06, V100, W100, W100a, Wan06c, Van06b].

Flattening [CCBL02, MYC09, Bla00, Bru00a, FGMT02, KJ07, MJK$^{+05}$, Nap09, NP01b, Sim09, SF00, VAMVR08, vHLP08].

Fittino [BDW06].

five-dimensional [IK+08].

Flexible [Tot06, BCC$^{+06}$, HSS$^{+08}$, IW01, IW02, SL09, SJF07].

Flexible [TT06, BCC$^{+06}$, HSS$^{+08}$, IW01, IW02, SL09, SJF07].

Fluid [PPC07, PK01, BBD00, CTG01, DVG05, DM09, GMAN$^{+07}$, JKKT00, JOS07, Ker02, KL04, LTG09, MP01a, Mar08, MDT03, MCO8, MLF07, NH07, NYY04, PPM04, RSMM$^{+00}$, SG04b, Wa03, dNM07].

Flow [CONE$^{+05}$, FH00, Huj05, IK00, KITK00, KTG04a, ML06, RMVR08, SR01a, Sus01, TFM09, TIM07, TIM08, TdFK00, TIM08].

Fluctuations [DSL09, IC001].

Fluctuations [DSL09, IC001].

Fluids [DPB01, DGR09, HAA07, HCO01, Ida00, Ida03a, Ida03b, LNC$^{+03}$, SW01, Tod01, WRMG05, WY00].

fluorescence [BG01].

fluorescent [LL07].

flux [PCC$^{+09}$, PET04].

FLY [ADBF03, BAD01, BCAD06, BAD07].

FOAM [HJZ09].

FOAM [HJZ09].

Fock [BD05, DO04, DO05, DSC$^{+09}$, MW01, SDNR05, DD00, Do101, GLL$^{+02}$, GG00, NM03, PS08, PRBD09, REAB08, SS09a].
focusing [HW09, SBBM04]. foil [BDV04]. Fokker
[ABSM04, CBKMK01, KA04, yMS01]. folders [BDH+02], folding
[Elb05, Oka01, SSA07, WL08]. following [AAG+04]. Force
[TKN+08, AL08a, ACC09, BK05c, CFJ09, EL06, Goe02, LZZ06, MFV07,
iKNNVK08, RMMP02, SWC+03, SWY01, VCCS05, YW00].
force-decomposition [SWC+03]. force-field [MFV07, iKNNVK08]. forced
[SOYN01]. forces [HG02b, JKKT00, LZZ06, LEG02, MK09]. forcing
[AA08, Yao09]. Forest
[OMF02]. Foreword [Ano01z, ME00, Sco09]. formal
[CRUV00, CHS09, Esi01, Lei02, Mah08a, RS03, She08, TNY00, FK00, TV07,
MU06]. formalism [EE02, MM08, PTL04]. format [Ano07-31]. Formation
[SCO00, BNSY02, FS01b, GB05, HOI04, MLPT08, PSK01a, PSK01b,
QTL06, RRCV09, Ron01, SBD+05, SHJ07, Voi02, Voi03, Yos09]. FormCalc
[HS02, Hah08]. FormCalc-generated [Hah08]. formed [BSB02]. forming
[GGL+02, LMM+08, MDH04]. forms [BKKS09, CCFG05]. formula
[Inu07, MA04, MA08, Pom06, T101, ZWD05]. formulae [Sin08]. formulations
[CBMS08, NP00]. formulation [AK03, GPT08, IBA00, Leh00, YW01].
formulations [Ram12]. forsterite [LDZ+08]. FORTRAN
[BRdAHK04a, Hor09, KSY00, Str05, BDH+05, DG08, DGS08, Dem03,
Dem06, DKK07, EH07, KLM00, MMM08, MD05, MA09, PS08, QRH00,
Rib02, S09a, Sar00, SPF00, TS06, vH06, vH07]. FORTRAN-90
[BRdAHK04a]. Forward [SGM+09, CRS09]. Forward-backward
[SGM+09]. foundation [VSB00]. Four
[BCCM03, KA04, YN05a, ABM03, Bac00, BR01, BPP01, DWZ05,
DDR03, Go00, KM00a, KM01b, MG05, NN09, SW00b, TSA+03, VT00c].
four-atom [Bac00, Go00, MG05]. four-body [VT00c]. Four-fermion
[BCCM03, BPP01, DDR03, SW00b]. Four-index [YN05a].
four-momentum [KM00a, KM01b]. four-point [NN09]. four-step
[DWZ05]. Fourier [SVMT00, CN00, DSC06, Eli05, HC00, JP09, LC08a,
MM05, NJ01, RM05a, SA09, Tr608, Wan06a, Wan06c, YZW02].
Fourier-based [MM05]. Fourth
[ACK05, LJO9a, MKS07, UNK12, Van05a, Van06]. fourth-degree [UNK12].
Fourth-order [ACK05, Van05a, Van06]. FP [PWH+00, TKN+08]. FP-
[TKN+08]. FP-LAPW [PWH+00]. FPGA [BCC+08, EFS+08]. FPGA-based
[BCC+08]. FPLAPW [ARV02, PADO7]. FPU [PKB+01].
FracMAP [CGC+09]. fractal [CGC+09, GBR+09, TdR09, V02].
fractional [Dev05, DJ08, Sho04, Sho07]. fractions [Nap09, RMLB01]. fracture
[EM08, KNSY07b]. fragmented [Tom09]. Framework
[DN04, AGV00, Ano09t, BB0+01, Che05, DKMF03, Dec07, DUX+09, ES09,
FFPW01, GPW+09, ISSC01, OPB+09, T606]. frameworks [Wel01].
Franck [GME09]. Fredholm [St00]. Free
[HI01, KSSH04, BBF09b, CHI+09, HLC08, Ida00, Ida02, Ida03a, Ida03b,
IK00, OD08, SLL07, SJHY07, SR01b, SVMT00, SFR05, Wei04, ZBB+06].
Free-boundary [KSSH04]. free-electron [SJHY07]. free-energy [BBB+09b, IKO00]. freezing [Wil02]. Frenkel [KM05]. frequencies [FSW08, Kim03, Wan06b]. frequency [CIC+03, Hei01, KCR07, LKKK07, Ram10, TC07, Wan06c]. FRET [SG04a]. FRETsg [SG04a]. FRET [AC05b].

Friction [CW02, KM01a, HOT07, HTM+08, Mus02b, RR05, SS02b]. Frictional [KMB02, DHBE05, HKK+01]. FRODO [AC05b]. Froese [Bur01, Hib01].

Front [Laf03]. frozen [NM03].

FRODO [AC05b]. Froese [Bur01, Hib01].

functions-calculation [GDAG05a, GDAG05b]. fusion [ASC+05, BSW+07, CBKM01, KMR+09, OSK04, SEC04a, WML+08, WSCW09]. Future [MSK+02, Ano01a, Ano02a, McK07]. FV [WPL02]. FV-TD [WPL02].

g [ISH01]. G.R. [Leh00]. g.permute [RLH+09]. Ga [JK01, LK07, Tsa02]. GaAs [LVS01, JK01, KFB01]. GaAs/Al [JK01]. GaGaRes [Byg02].
galaxy [RRCV09]. galaxy-sized [RRCV09]. Galerkin [EZ09, LS05, TKS00]. Galactic [CK08, IKO00]. game [EFH+07, VK09a]. GAMESS [BB00, FSBG00, KPD06, dMBC+06]. GAMESS-US [KPD06].
gamma [Kar02]. GaN [QASF+05, Tsa02]. Ganga [Ano09s]. GAP [BZ00, LLV+01]. gas [BLS09b, BC00, CP00, CMD00, DHS00, GCP+02, GF02c, Gut06, HCO00, HS01a, ID09, ICO03, KA04, KH06, KW03, LJO1, LNC+03, MK02, NW02a, Ni00, PPC07, PCYC02, SCO00, SMV01, TNI+07].

b
gas-phase [Tsa02]. gaseous [LR07]. gases [DSC06, IK00, Lon07, TS06, Wes07, WRN01, ZSSA00]. gastro [WG01]. gastro-intestinal [WG01]. gate [LLT+02, LY05]. gated [KACB07]. gates [MS00, RF05a]. GAUDI [BBB+01]. Gauge [Dir05, Hei01, ALV05, ALN+01, BB09a, CM03, Fod05, OS04, PM00, Tri05]. gauges [CMM09, DD01]. Gaussian [WLR+08, CP00, FGMT02, FV02, Fru03, FKAM05, HKP02, MBR01, OS00b, SKHO2a, SF06, VKM+05, WD04, Wen01, You09]. Gaussian-core [WLR+08]. Gaussian-mixture [Fru03]. Gaussian-type [FGMT02]. }
**GFACTOR2001** [Kon02]. **GFCUBHEX** [GLHW01]. Giant [ALN+01].
**GIAO** [Dup01]. **GIAO-SCF** [Dup01]. **GIBBS** [BFL04, FFF01]. GiNaC [BD02]. **Ginocchio** [MS08b]. Ginzburg [BDHP08, CSCK08]. **GIOD** [BHNW01]. **GITA** [CRUV00]. given [BBJW05, KHO01]. **GKW** [PCC+09].
**Glass** [GAR05, GGL+02, BKB02a, BKB02b, CPT+01, HG02a, RLU00, SH06, VKN07, YD07]. **Glass-forming** [GGL+02].
**Glassy** [dO09, RR05]. **GLauber** [BRB09, AIOST03, BG06]. **GLISSANDO** [BRB09]. **Global** [ATP01, MTJ02, NV09, Roy09, TAP01, WTH+04, AA07, BJ03, BHS+04, BP08b, DR09, IJK+08, JBR01, JBA+07, KFW03, LPP+00, OS04, Swi04, TBW01, TL06a, TL06b, TL08a, VPP+12]. **global-scale** [Swi04].
**Globally** [Maa06, BHNW01]. **GLoBES** [HLW05, HKL+07a, HKL+07b]. **GLUE** [RTS01]. **Gluon** [KKK06]. **Gluons** [KKK06, KMP09]. **Gmat** [CNMC09]. **GMIC** [OGWH03]. **Go** [Gra02]. **Going** [Jan05].
**Golay** [MMMM00]. **Gold** [SPV07]. **golem95** [BGH+09a]. **good** [LCPC04].
**Gordan** [BRD04, CRW09, Dra01, KW08, RF06b]. **Gordon** [KA09]. **Gourmet** [Koc02]. **GPUs** [YNS+09]. **GR** [TSA+03, TKK+06]. **GRACE** [BBB+00, FIJ+03]. **GRACE/SUSY** [FIJ+03]. **gradient** [GHP01, KLD04]. **gradients** [BSO+04, Dol01].
**GRADSPH** [VKPB09]. **Graduate** [Ano04a].
**Grain** [Kar02, LMS+02]. **Grained** [ASS+02, BLS09a, EL06, FMD07, FAiTD01, LS09, MS09]. **Grains** [BM02b]. **Grammatical** [TGD06]. **Grand** [Bae04, BNO+01, JBS08, Zim05].
**Grant** [Kar01, Bur01]. **granular** [ACC09, BDK+06, DHBE05, HM00, KBBW02, Rap02b]. **granularity** [LCB+00]. **GRAPE** [Abe01, Mak01]. **GRAPE-Dilepton** [Abe01]. **graph** [PR06, Zim02]. **graphical** [AGS07, BT04, BCKT09, KJ07]. **Graphics** [LSVMW08, MCLDP01, CDD08, Hor09, MBKJ09]. **graphs** [BBJW05, HLB06, JPS+01b]. **grasp2K** [JHFG07]. **GRASP92** [FFG+06b]. **graßmann** [AF05]. **grating** [MTLC01]. **gravitating** [CD09, VKPB09]. **Gravitational** [HBR05, Leho0, ABC+03, MMTH04]. **grc** [KFI+01]. **Green** [GBM02, GLHW01, KBC+09, KF03, KF05b, MNH01, RAGV+00, WP00, YW01].
**Grid** [HKM+07, KLO8a, Shi09, AAKL07, BLCR05, BS08, CSZ+07, Eli08, GHPS04, IF03, Jad00, KTT09, MMTH04, MSHP02, MSHP20, OK09, Sa07, tSAK+08, Sch06b, SEC04a, SFF+04, WMNS09, vdHKM08, Ano09a, KKH07, Shi07].
**grid-adaptive** [vdHKM08]. **grid-based** [CSZ+07]. **grid-size** [BS08]. **Gridless** [VBF01]. **grids** [CSC+04, ID09, KSC+00, KNT08, ISX05, SKN01, SKNV05, SMH+01, SD07, TCY+08, WPL02]. **Griffiths** [DKC08]. **GROMOS96** [BMvG00]. **Gross** [CPS00, DC07, MA09, TQZM08, TS06].
**Ground** [BH03, DC07, YN05b, BM06, CW08, DC08, FV02, HG02a, LR07, LW08]. **group** [Alv09, CC04, FLO06, MI05, RF04, WN01, YO01a, Zit09]. **Grouping** [OGWH03]. **groups** [Goc04, RF05b, RF06b]. **Growth** [BM01, AF02, BSvdDW02, Dan05b, MABK02, NSY02, RIB01]. **Growth06_v2** [Dan09b]. **GSA** [RTS01]. **GSM** [BP08a]. **GTC** [EL04].
HF [BFH05]. HFBRAD [BD05]. HFBTHO [SDNR05]. hfodd
[DSC+09, DD00, DO04, DO05]. HFSZEEMAN [AJ08]. Hierarchical
[The05, Ano01n, CD04, Col07, Huj05, Ort00, SKNV05, TC06]. Higgs
[DKM07, DKV00, EH06, EH07, HHH+09, HHW00, LPC+04, LCE+09].
Higgs-boson [HHH+09]. Higgs-field [DKV00]. High
[BBC+01a, BTK+02, CD05, COE+05, DH01, FG01, GK05, HJ02, KAB+00, KK04, New07, SS00, Sim08, SEF+01, TS08, Tel02, Bae04, BV05, BBB+09a, BADC07, BMS+09, BCG03, Che05, CBM+05, Cra01, DWZS05, DR09, FS01a, GPW04, GCD06, GMO03, HGH+05, ISSC01, JH09a, JC01, Ker02, KKF+04, LRI+06, LVV09, LLT+02, LKKK07, LDZ+08, Mam08, MMTH04, MC08, NV09, PPM04, PPC07, PD08, PDM+08, Ros04, Sak07, SBM09b, iSAK+08, SLM06, SVA01, SKRK04, TAM04, WW05, vHK00].
high-accurate [WW05]. High-dimensional [BTK+02, vHK00].
high-ecient [WW05].
high-energy [Che05, Cra01, GMO03, SKRK04].
High-energy-physics [SEF+01]. high-fidelity [Ker02].
high-frequency [LKK07]. high-intensity [PD08].
High-order [SS00, Sim08, DR09, JH09a].
high-performance [PPM04]. high-pressure [BV05, KKF+04, Ros04].
high-resolution [BV05, KKF+04, Ros04].
high-speed [GCD06]. High-temperature [HH02, LDZ+08].
higher-energy [TYSH05].
higher-order [MA04, MA08].
highest [De 02]. Highly
[CWSH08, Zak06, AT09, FBB01, KYSE00, San00, SZ00a].
Highly-accurate [CWSH08].
Hilbert [KSTL03, SHI04].
Hilliard [KEM+01]. Hirvensalo [Vio04].
histogram [HF06, SR01b, VMM02, YD06, dO02, dSL02].
histogram-reweighting [VMM02].
histogrammed [BBB06]. histograms [BH08].
High [MHS05, Wro08, YFM09]. HIV [CRPC08]. HIV-1 [CRPC08].
HMC [Lüs05, MSS+07, UJSW06]. HMTA [GW01a].
Hogg [TSI02]. Holden [La03].
hole [BFI+00, HBR05, RRRHD08]. holes [CGCS07, Le00].
Holistic [Rob01]. hollow [KHL07]. hologram [PCA+07, SI01, TIN+09].
holograms [JP09]. Holographic [iSAK+08]. holography [SMS+00, SHI02].
HoloTrap [PCA+07]. homogeneous [BBJW05, CGG+08, CPG+09, GBM02, Gut06, GMO03, KW03, Ste05].
homopolymer [SWL09]. homotopy [SPS09]. HONEI [vDG+09].
Hopf [AF05]. HOPPET [SR09]. hopping [Bes02]. horizon [Shi09]. HORN
[SM+00, SHI02]. HORN-3 [SM+00]. HORN-4 [SHI02].
Hoshen [TG00].
Hosting [ZC09, CSZ+07]. hot [TAM04].
Houches [Ano07-31, Ano09n, Hah09]. HP [WL08]. HPL [Ma06].
HPLC [NP01b].
HRMC [OPO+08]. Hubbard
[AC07, CA09, FM00, GOG00, KGM00, LR07, Ots01].
Huberman [TSI02].
huge [TYSH05]. human [KACB07, KN07a]. hurricane [Mas00].
Hybrid [CSC+04, CKA+09, KSPT04, OLS+01, OSK+02, OPO+08, RD05, SBL+04, AKS01, Cun09, GBFS07, KPF03, LKPH08, PCK00, RB00, SW00a, SvAS01, Swi04, TAM04, Tk00, TWY09, WMS09, WBDB04].
hybrid-Darwin
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[TAM04]. hybridization [VPP+12]. hybrids [KPF03]. HYDJET
[LMP+09]. hydration [DELG05]. hydro [MNV00]. hydrocarbons [EYJ07].
Hydrodynamic [MPS09, LKPH08, LLPL08, MC09, PM01, Xia01, YNK05].
Hydrodynamical [JKKT00, NBPG08]. hydrodynamics
[JHvO03, MY00b, RiVR09, Ska05, SD07, TE05, VKPB09, LMP+09].
hydrogen [Bac02, CGG+08, CGG+09, HPC05, Jia08, KRTZ02, KF03,
MOC03, PDM+08, SKF05]. hydrogen-bonded [Bac02]. hydrogen-like
[CGG+08, CGG+09, KF03, SKF05]. hydrogenic [Dy09, HB05, LS01, Sar00].
hydroxylated [RJCH00]. Hylleraas [PAT+09]. Hylleraas-type [PAT+09].
hyper [SNS01]. hyper-molecular [SNS01]. Hyperbolic
[JKKT00, NBPG08]. hyperdynamics
[JJHvO03, MY00b, RtVR09, Ska05, SD07, TE05, VKPB09, LMP+09].
hydrogen [Bac02, CGG+08, CGG+09, HPC05, Jia08, KRTZ02, KF03,
MOC03, PDM+08, SKF05]. hydrogen-bonded [Bac02]. hydrogen-like
[CGG+08, CGG+09, KF03, SKF05]. hydrogenic [Dy09, HB05, LS01, Sar00].
hydroxylated [RJCH00]. Hylleraas [PAT+09]. Hylleraas-type [PAT+09].
hyper [SNS01]. hyper-molecular [SNS01]. Hyperbolic
[JKKT00, NBPG08]. hyperdynamics
[JJHvO03, MY00b, RtVR09, Ska05, SD07, TE05, VKPB09, LMP+09].
I/O [Hah09, OCK+00]. Ian [Bur01, Kar01]. IANUS [BCC+08]. ICP
[LCS07]. ICRF [IDS+04]. ICRH [PHKL02]. Ideal
[ATF+09, CLR08, SIH+01, IK00, Ros04, SHW01, WBC+07]. identification
[TdRGD09]. identity [EG09, KHÖ01]. ignition [VSB0D0]. II
[Ila03a, ABV02, BGLW01, CCFG05, CMT01, CHP04, GKP+06, Ida03b,
IW02, PBI07, PSK01b, RF06a, THM01, Var08, Yan03b]. II.1. [ATP01]. II.2.
[TAP01]. III [CvdEF+05, DD00, GFF01, RF07]. ill [RMWH01]. ill-posed
[RMWH01]. illumination [OKS04]. Image
[MP05, BR01, DCJ07, ML03, MD00, QTGH07, RSD01, XD08]. ImageJ
[DG09]. ImageJ-based [DG09]. images
[AAA+00, AEE0D05, BK05a, GBR+09, HF06]. imaginary [FH04]. imaging
[BSS09, LZC+08]. immersed [Den08]. immersion [MIM+07]. Immiscible
[HCO00, BC00]. immobilization [STK+00]. Impact
[HDG07, MKH+05, MOC03, OM00, SM06b, VKN07]. impacts [KPS+01].
impedance [DEW00, Pet04]. imperfections [BVY05]. implantation
[KPS+01, MIM+07]. implanted [BSO+04]. Implementation
[BP08a, Do01, GQ01, KBC+09, LC01a, MS08a, WRC+04, ASF+05, Alv09,
ARV02, BB00, BTK+02, BSK+03, BCCW03, BVKW02, CGIA07, DDMS02,
Dup01, DHEB05, DM07, EVL00, E05, EFS+08, GZ07, HS02, KMO1c, LR07,
LEG02, Ma06, MM08, MP01a, OCK+03, OD07, OLi01, OBG09, PPM04,
PKKM02, PCYC02, QRH00, RJFB08, RS03, SS09a, TRGR08, Tak03, TG00,
WV05, WHL05, Zha08]. Implementations
[VCF+04, Xia01, CC04, SK08, YAM00]. Implementing
[Ni07b, PLPS08, Di 01]. Implicit [JH09a, ADG08, Cha04, CCD07, DPG06,
GK04, LBPS09, ML06, SD07, VIV01, WRC+04, XZ12]. Implicit-explicit
[JH09a]. implicitly [Gal00]. implosions [WSCP09]. Importance
[VPNW02, ZWD05, Zim05]. importing [SC04]. improve [MC09, Pro00].
Improved [CRS05, IDS+04, KM01c, RY00, SHW01, YWLC04, Cip07, Cip08, Ida00, Ida03a, Ida03b, LCE+09, MHK+05, Nat09, Nat10, TL08b, UOM01].

Improvement [SLL07, WLH00, BH07, Dühr05]. Improvements [Co07, dMB+06]. Improving [DS04, DGLB08, GL02, PWH+00, SSZ01].

Impurity [MP05, WK02]. IMT [MKK05]. InAs [LVLS01]. InAs/GaAs [LVLS01]. incidence [BB07]. including [Coa04, FFD00, SKH02a, WD04].

Incorporating [NW02a, SOYN01]. Incorporation [ON08]. increase [SLL01]. Increasing [AA01a]. independent [ASF+05, DC07, KV08, Man02, MN01, SM02, Str05, VEG08, WS09a].

Index [Ano00b, Ano00c, Ano00d, Ano00e, Ano00f, Ano00g, Ano00h, Ano00i, Ano00j, Ano00k, Ano00l, Ano00m, Ano00n, Ano00o, Ano00p, Ano00q, Ano00r, Ano00s, Ano00t, Ano00u, Ano00v, Ano00w, Ano00x, Ano00y, Ano01b, Ano01c, Ano01-27, Ano01-28, Ano01-29, Ano01-30, Ano01-31, Ano01-32, Ano01-33, Ano01-34, Ano01-35, Ano01-36, Ano01-37, Ano01-38, Ano01-39, Ano01-40, Ano01-41, Ano01-42, Ano04d, Ano04e, Ano04f, Ano04g, Ano04h, Ano04i].

index [Ano04j, Ano04k, Ano04l, Ano04-48, Ano04-49, Ano04-50, Ano04-51, Ano04-52, Ano04-53, Ano04-54, Ano04-55, Ano05a, Ano05b, Ano05c, Ano05e, Ano05g, Ano05i, Ano05j, Ano05-46, Ano05-47, Ano05-48, Ano05-51, Ano05-52, Ano06a, Ano06-28, DGAG06, GDAG05a, GDAG05b, LVV09, MG08b, YN05a].

Indexing [BFMH+01]. indices [Sal02]. INDO [SS09a]. induced [AP05, Eli08, EM08, LVLS02, MB05a, MLPT08, MSH01, NM01b, NY07, RS00, Wro08, XD08]. induction [CMT00, CMT01, LZS08]. inelastic [LDBG08, MFV.07, RSO0]. inertial [ASC+05, WML+05, WSCW09].

Inexpensive [ATB+01]. influence [Vég04]. infinite [GBM02, LIR+06].

Influence [CBBJ02, TMN01, SHJ07, SGK09]. Information [DDEM00, CHL05, GDC01, Han00, ME00, OGG07, Ort00, Tót08]. Infrared [NI01]. infrastructure [KKHL07]. inhomogeneities [BLCR05, NM01b, VS01]. inhomogeneous [MM04, Yako01]. Initial [BRB09, IHAR09, ASVA00, Kos05, MVS05, PAP09, Rob00, Rob01, SVA01, WW05, Wan05b, Wan06b]. Initial-State [BRB09]. initial-value [ASVA00, SVA01, WW05, Wan05b]. initialization [BDBV12]. initiated [Bar00]. initial [BTS05, MKB02, Nik03, PCCD09, SHZ01, iTKST01, YKK07, ATP01, CCRB02, HGO2b, Hm00, KFJ+09, MHGV09, MSH01, NW02a, RPD+05, TAP01, TMN01, BGH+09b]. Injection [PBB+04, SJCM04]. InN [QASF+05]. Input [KN07a, FGA04, Wen01]. INS [RC04]. insecticide [IN02]. Insight [YNZ+09]. inspired [CPS00]. instabilities [BZ00, Lit04].

Instability [NHS07, BH05, CDQF07, CT00, DMR01, DMR02, MDH04, MTZ00, Nur04, Sus01]. instanton [MK02, RS00]. instanton-induced
[RS00]. Instructions [Ano00z]. insulator [KGM00, YH02]. integer [HM06b, HM08]. integer-valued [HM06b]. Integrability [Par04, HSSA01]. integral [Bru04, CTR00, KW07, OMF03, qX08]. Integral [ST09, SVMT00, AA08, Al05, BMC05, CC08, CL08b, DM09, Dun05, Dup01, EG09, Gut06, Kas00, KM05, MI05, MKK05, Moh07, MG09a, NM01a, Pis00, RDFS02, SR05, SZ00c, Str00, TAKN02, YN05a, Yao09]. Integrals [CCGR09, PR06, Sle00, ADDdM07, BD02, Bek06, BBR03, BHG + 09a, BW08, Cza06, Del08, Dy09, GKR07, HB05, KCH00, KK06, Man08, MR06, Moh08, NN09, OIKN02, SKH02a, SKF05, UK02a, WD04, ZF00, dDSFY04]. integrands [IP01, Kau03]. integrate [NKV03]. Integrated [Han00, KMCS01, KPF03, LR06, ZPB09]. Integrating [VC08, SG06]. Integration [Sau00, SGF03, Asc08, BD00, FFF01, FBB03, BEG + 09a, BW08, Cza06, Del08, Dy09, GKR07, HB05, KCH00, KK06, Man08, MR06, Moh08, NN09, OIKN02, SKH02a, SKF05, UK02a, WD04, ZF00, dDSFY04]. Integrations [Sea02c, WDB04]. integrator [Tak00, Van06]. integrators [Fra07b, SS06]. intense [BK06a, CP00, FSK04, HW09, KS04a, LCB07, Zha01]. intensity [BH01, BD06, CP00, Dan05a, Dan05b, DS06, Dan07, PD08]. Inter [BFL + 01, EMLH03b, GDC01]. Inter-dot [EMJH03b]. Inter-Process [BFL + 01, GDC01]. interacting [DDD + 01, PS08, Tat07]. Interaction [WN01, BK06a, BKM05, FF02, HY07, KPD06, KTG04b, KDSB04, LCB07, LS01, yMS01, MCL05, NHS07, RCG05, Sar00, Sav01, TZZ06, TEP00, tTKST01, Wei01, WSB04, WML + 05, WHL05, YRR07]. Interaction-round-a-face [WN01]. Interactions [Mah08a, AH02, CF02, HL08b, HJZ09, LSS06, LLPL08, MV04, MMEH08, PHF + 07, PD08, SS04, SZ04, SS05, YNK05, Zak00a]. Interactive [PCA + 07, WCGL00, WSCW09, BCD + 01, CC + 09, Gre07, MPK00, PKRK07, vdB08]. Interconnected [BHN01]. Interface [FSBG00, ZHC00, BT04, BCKT09, BB03, Den08, Hah08, Hor09, KFJ + 09, Liu07a, MRF + 05, RLU01, Tam03, WMK09, dRL09, MCLDP01]. interfaces [Den08, GGG01, Har01, KR03, RJCH00, YW01]. interference [KMO8a]. interferometric [ABC + 03]. interior [DELG05]. Interlayer [BSN02, LNK01]. intermediate [AJ08, BCG03, CRPC08, CM02a, JG02]. intermolecular [KP06]. internal [Goc04, HC001]. International [BDL00, BJ00]. Internet [Ch00]. internucleoside [BS02]. Interparticle [SWY01, YW00]. Interplay [Mul02]. interpolated [CL08a]. interpolating [BS04b]. interpolation [BW01, Hin00, HDG07, PSDK01b, QTM07, Str00, UNK12, Val05]. Interpretation [HSSA01]. interpreting [RC04]. intersecting [BR01]. intersection [BCH05, PL05]. interval [Con04, FKM05, LIR + 06]. intervals [AS00, Bar02]. intestinal [WG01]. intracranial [OCS + 08]. Intradonor [JK01]. Introducing [HLC08]. introduction [SMS08]. intrusion [TW09]. Invar [MGPM07, MGYP08]. invariance [HP02, HL00c, SAG + 02]. invariant
invariants [MGYP08, PSH06]. inverse [BV00, CRUVO0]. inversion [Don02, MHK02]. investigating [TQ03]. Inversion [ACC09, BDK+06, WCG04, BKB02a, CM02a, HSS+08, KML04, MB05a, MKM02, SG05]. invocation [DBE+04]. involving [AA08, Ida00, Ida03a, Ida03b, LS01, Sar00, Yao09]. IoN [KTBF06, Vie01, BF04, Bar00, BSO+04, Cha07, CBKM01, HPC05, JGJ09, KLD04, LdG+07, LMP+09, MCB03, MOC03, MS05a, MIM+07, OMC00, OSM04, OKS04, PMAN+04, PCH00, QTL06, Ren01, Sch08, SNKB02, WCG04, WRN01, WBDB04, OMC00, MOC03]. ion-atom [Vie01, OMC00, MOC03]. ion-atom/ [MOC03]. ion-atom/ [MOC03]. ION-ATOM/NEON [OMC00]. ion-beam [OKS04]. ion-implanted [BSO+04]. ionic [GCP+02, NW02a, XD08]. ionisation [BS03]. ionization [Bar00, KB02, Kur02, MOC03, OMC00, RM05]. ionized [Lon07, WK02]. ionosphere [KKSR04, SKR04]. ionospheric [BCD+07, E108]. ionRock [BSO+04]. ions [CWSH08, GS01a, KF03, SJ05, SHJ07, SKF05, Wro08]. IPA [PJK00]. IR [SJHY07]. irradiated [CP00]. irradiation [OSK04, RTV08]. Irreducible [GR01, De02]. Irregular [Wen01]. irreversibility [KA05]. Irreversible [Sta00, LA09]. ISICS [Cip07, Cip08, Cip09]. ISICS2008 [Cip09]. Ising [BCBJ02, BMML05, BM06, CM02b, CHP04, FY02, HBMJ05, KM01c, LTA05, NH09, SS07a]. isobaric [BFL04]. isospin [Dev05, GFG+06, Mah08b]. isothermal [BFL04, TE05]. isothermal-isobaric [BFL04]. isotopes [LC01b]. Isotropic [JBS08, JOS07]. Isotropic-isotropic [JBS08]. isotropy [Koz02]. ISSN [Hoo04]. issues [Lee04, RGR+04]. iterated [Sch05]. Iteration [SZ00c]. iterations [CvdEF+05]. Iterative [BK06b, JBBRO1, BDW06, BFLW07, CL02, FS01a, Li03, LY05, MP01a, MGG05, RB08, SMZ05, WWF08, WRC+04, ZSM05]. iteratively [DSH02, DSH03]. ITG [BSO+04]. IV [CKA+09, DO04, IF01, RF08]. IVPs [FSW08]. IX [PF06a]. Ixaru [AA01b].

J [RP02]. J4HistoryKeeper [YFM09]. J90 [WLH00]. Jacobi [HH01, Yan03b]. Jacobian [Yan02, Yan03c]. JADAMILU [BN07]. Jahn [GFG+06]. January [BJS00]. Japan [Sak07, Yos00]. Java [Esq04, Chr00, Esq04, KM08a, MCLDP01, RSD01]. JaxoDraw [BT04, BCKT09]. JChainsAnalyser [DGR09]. Jet [CJT06, GJT03, HFN03]. JETS [LMP+09]. JetViP [P06t00]. JetWeb [BB03]. JJGEN [SJF07]. John [Ano04b, Ano04-45]. Jones [GAR05, IW01]. Josephson [Bor02, Gen01, KSTL03, MSS00]. jumps [Ryc05]. junction [Bor02, Gen01, MSS00].

K*Grid [KKHL07, HKM+07]. K+ [Cip07, Cip08, Cip09]. Kac [RDFF02]. Kadomtsev [LLL08]. Kallman [DC00]. Kalman [CNFR01, GKK+08]. KangaROO [ADD+03]. Kansa [DTHL09]. KANTBP [CGVA09a, CGA+07, CGVA08]. keep [Var02]. keeping [YFM09]. Kernel
laser-accelerated [LdG07].  laser-atom [BK06a].  laser-driven [MK05].  laser-induced [MLPT08].  laser-produced [FP00].  laser-target [PD08].  Lattice [BS00b, Cre00, EFH+07, Fod05, HL00a, KS05a, Nii00, PY08, SHT08, Suc02, vdSvdG08, ALV05, Ali01, ALN+01, BB09a, BBD00, BC00, CYAS05, CT00, CK08, CMD00, CAF+03, CMM09, CND09, DCN09, DDD+01, DS04, DPB01, Di 01, DHS00, DS10, Fe08, FT08, FKP03, FJC+05, GL02, GHLW03, HCO00, HCO01, HC01, HNG05, IK00, IKOO, ICM03, JU09, JH09b, KIT00, Koz02, KK05, LNC+03, Luo00, Lus04, Lus05, Mas05, MHR+07, MC08, MSS+07, MG09b, OS04, OCS+08, PCF05, PPM04, PCYC02, RS09, SCO00, SS07a, SBJ05, TMTF00, TCF00, Tri05, TCO00, TdFK00, Voi02, Voi03, YB02b, Yos01, ZHC00, ZY09, ZSSA00, vHLP08, KSC+00].  Lattice-BGK [KSC+00].  lattice-Boltzmann [DPB01, IK00, LNC+03, MC08].  Lattice-gas [Nii00, BC00, LNC+03, YB02b].  LATTICEEASY [FT08].  lattices [CC09, GMAHV+09, RM05b, Wes07, ZZ09].  law [MR05, Mil06, Mil07, OML09, RDSS01a].  laws [Che07, RR05, ZY09, Laf03].  layer [BBBR04, CAW00, HJZL07, KY07, LCM00, Ras09, Ras17, SSM05, Str10b, SBCZ08].  layer-multiple-scattering [SSM05].  layered [DW01, Liu07].  layers [ACC09].  Laying [VSBD00].  lazy [Bru04].  LBIE [DM09].  LC [JPS+01a].  LCG [BDG+08, Shi07].  leading [CC04].  leakage [CJC09].  leaky [Ali05].  Least [KT04, TD03, Dem06, JC07, WWF08].  Least-squared [KT04].  LED [CFJ09].  LEED [BH01].  LEED90 [BRdAHK04a].  Legendre [Del08, SSP08b, Str00].  legs [BGH+09a].  Lekner [TZZ06].  Lemaître [Rib02].  length [MSS+07].  Lennard [GAR05, IWO1].  Lennard-Jones [GAR05, IWO1].  LEP [JWW00a].  LEP/LHC [JWW00a].  LEP2 [BCCM03, JPS+01a].  LEP2/LC [JPS+01a].  lepton [JWW00a].  leptonic [PAT+09].  leptoquark [Bel01].  less [AW04, WA07].  level [ABB+09, CPW09, Cap05, DB08, ES09, GC01, HYY07, ISSC01, LLV+01, RLR06, RGB+01, SV01, TY01, Yk09, YT01b].  levels [CCBL02, CC07, CCL08, CGA+07, CGVA08, CGVA09a, EÅ01, EVL00, GZF04, LVLS01, TYS+00].  LevelScheme [Cap05].  Levin [RB05].  Levin-like [RB05].  LGT [Tri01].  LHC [Shi07, ADE+02, CCG08, CGCS07, GQQ01, QWWZ09].  LHCb [An003b].  Li [BN507].  libraries [vDGM+09].  Library [An04-46, BJ00, BB09b, JK00, JK06, MM09, PSW00, Bel05, BEM+02, Boy09, DVL+02, DVL+04, GBM02, Hah05, Hah07, JC08a, KS05, MG09c, PMA+04, Pin01, SG00a, SM04, SM06a, SBM09a, SWS+12, VHL09, BS00, DVL+04].  libration [She08].  lidar [BK06b, OB+09].  Lie [dSB00, BCV03].  life [BM02a, Teh01].  Lifshitz [HP02].  lifting [MA00].  Light [PCC01, BLCR05, BDF+08, CLFH07, FWP01, GDC01, Har00, HTL+03, KS04a, LPRS02, LPR04].  light-cone
\textbf{lightrays} [MG09c]. \textbf{Lightweight} [CSZ+07]. like
\textbf{[CGC+09, CWSH08, CGG+09, HD04, KF03, MVS05, OMF02, RB05, SBD+06, SKF05, Wal03]. likelihood} [BDYK04, Nap09]. \textbf{LILIX} [ixa02]. \textbf{Limit} [DDFI09, HKK02a]. Limitations [FM00]. \textbf{Limiter} [SZ04]. limits [KJ07, KS04a, Sor02]. \textbf{LINDEN} [RGD+01]. \textbf{Line} [CDD08, JK01, Mar01]. \textbf{Line-by-line} [CDD08]. \textbf{Linear} [ADS06, BK05c, CMM09, FG04, Gao03, HMM+09, RL07, SKVN01, WC00, YG09, Bat03, BMG01, BW01, Brun09, CN01, CIC+03, CCBL02, Cha00, FGF03, GSGT03, HZGZ09, KA09, Ko03, LRI+06, NP01b, SKVN05, SSP08b, Wan05b, ZA01]. linear-mixing [Bat03]. linear-rigid-rotor [CCBL02]. Linear-scaling [Gao03, HMM+09, SKVN01, WC00, SKVN05]. Linearization [Ram03]. linearizations [BB04a]. Linearized [BC05, ADS06, IH09, IHAR09]. linearly [CMR01, Man02]. linearly-scaling [CMR01]. lines [HD04]. lineshape [BDM09]. link [Dür09, KT04, KSYE00]. link-cell [KSYE00]. linkages [BSB02]. linked [RS09]. linking [BDYK04]. links [HK02]. Linux [BS06a]. \textbf{Liouville} [CGVA09b, LVV04, LVV09]. Liouvillian [ADD+07]. lipid [SDLW07]. \textbf{Lipkin} [RGD+01]. liquid [Ali05, BNS07, CAAM08, GLP03, JBA05, LS02, LPRS02, LPR04, MSS+09, MVS05, MSK+05, MDH04, Mor01, MSH01, PG02, RCGC00, RCG05, SSH01, TDY02, Yok09, Yos03, Yos07]. liquid-liquid [MSS+09, Mor01]. liquids [CAAM08, GGL+02, HL00b, SHZ01]. \textbf{List} [Ano02j, Ano02k, Ano02l, Ano02m, Ano02n, Ano03i, Ano03j, Ano03k, Ano03l, Ano03m, Ano03n, Ano03p, Ano03q, Ano03r, Ano03s, Ano03t, Ano03u, Ano03v, Ano03w, Ano03x, Ano03y, Ano03z, Ano03-27, Ano03-28, Ano03-29, Ano03-30, Ano03-31, Ano03-32, Ano03-33, Ano03-34, Ano03-35, Ano04a, Ano04b, Ano04c, Ano04d, Ano04e, Ano04f, Ano04g, Ano04h, Ano04i, Ano04j, Ano04k, Ano04l, Ano04m, Ano04n, Ano04o, Ano04p, Ano04q, Ano04r, Ano04s, Ano04t, Ano04u, Ano04v, Ano04w, Ano04x, Ano04y, Ano04z, Ano04-27, Ano04-28, Ano04-29, Ano04-30, Ano04-31, Ano04-32, Ano04-33, Ano04-34, Ano04-35, Ano05k, Ano05l, Ano05m, Ano05n, Ano05o, Ano05p, Ano05q, Ano05r, Ano05s, Ano05t, Ano05u, Ano05v, Ano05w, Ano05x, Ano05y, Ano05z, Ano05-27, Ano05-28, Ano05-29, Ano05-30, Ano06b, Ano06c, Ano07b, Ano07c, Ano07d, Ano07e, Ano08b, Ano08c, Ano09c, Ano09d, Mas05, MDT03, YWLC04]. lists [ABRS12, BM04, SJF07]. \textbf{lit} [CFJ09]. \textbf{literature} [DDEM00]. \textbf{lithium} [OM00]. \textbf{little} [GGL+02]. \textbf{load} [CD09a, PSP+03]. load-balancing [PSP+03]. \textbf{Local} [MP01b, YW01, AA07, ACK05, BP08b, DM09, HTM+08, JK08, LWY01, LM02b, NM01b, Ryc05, SKH02b, TLP04, TL06c, VPP+12]. localised [KH09, MYL+08, MSHP20, RB08]. \textbf{localization} [CMRS02, TIM07, TIM08]. \textbf{Localized} [GFS03, MSHP02, SMH+01]. \textbf{Locating} [TLO6c, LLY07, VPK+01, WMNS09]. \textbf{location} [HS01b, QTMH07]. log [KS05]. log-derivative [Jam00]. log-sine [KS05]. Logarithmic \textbf{[Dür09, Zit09]. logging} [ZZH09]. \textbf{logging-while-drilling} [ZZH09]. \textbf{logic} [MS00]. \textbf{Long} [HKL+07a, HKL+07b, PHF+07, WLR+08, AL08a, Cai09, CJC09, HLW05, LOC05, LOY07, MBG03, MRS04, RD05, SYN01, SVA01, Sim08, SS05, Tat07]. long-baseline [HLW05]. \textbf{Long-range} [PHF+07, AL08a, CJC09, LOY07,
FIBT01, FIT03, Fri09, GFF01, GF02a, GSF05, GSF06, GI09, Har00, IFF01, blP02, LL04, pLbL03, PFG06a, Vul03, qXbL04. Map [YC07]. Mapped [ABOSP09, KKH07, Markovian [FRdS09, JS06, MVS05, maps [LVH07], Mars [PAD+09], martensitic [KEL02], MAS [BDM09], mapping [CD08], markets [LLH07], mass [BDF+08, ISS+02, Jan05, JR09, UJSW06, vHL08]. Masses [CKS00, EH06, EH07, HHW00, KJ04, NN09]. Massive [ABM03, Ste01]. Massively [DMD+07, Jen00, BTK+02, CSS+03, Dec07, Dup01, GBFS07, GB03, KCC+00, MT00, NJ00, Yos01]. Massless [Bek06]. Master [CCGR09, FS01a, LOCJ05, OGWH03]. Matched [CSS+03, matched [CAW00, Tam03]. Material [Ano09a, BD00, BDK+06, Lud02, SBM02, dNKM07]. Materials [Haf07, MRF+05, CM02a, Den08, Goc04, GMBC08, Gun02, HK+01, HM00, JGJ09, KCC+00, MS05b, NY06, OLS+01, Ram12, YGT+02, dSSW08]. Mathematica [BC07, Bre07, Cap05, CKS00, FW01, Fer07a, GKR07, GMBC08, GHIL09, Gro01, Hah08, HL08b, HM06b, HHL06, JDBT06, JDBT09, Lor08, Mai06, MM08, PTL04, Tos08, WGDZ04, WW06]. Mathematical [Bru00b, Del03, Koc02, KTG04a, MTZ00, CM02a, Den08, Goc04, GMBC08, Gun02, HK+01, HM00, JGJ09, KCC+00, MS05b, NY06, OLS+01, Ram12, YGT+02, dSSW08]. Mathscout [BC07]. Matlab [HTNFBS06a, HTNFBS06b, PBJ07, TNBSF04, Tót08, Sha04]. Matrices [BRdAHK04b, BN07, Bun01a, Do 02, DC00, Flo01, GRR01, LB04, PFG06a, Pog05, RF08]. Matrix [BR09, Di 01, IH09, Alv09, AC05a, AC05b, BFLW07, BM01, BB+00, CNMC09, Cha00, CGA+07, CGVA08, CG+08, CGA+09, CG+09, CGA09a, CM00, DEW00, DM07, EFS+08, FM03, FSB09, GF01, GME06, HL08b, KTL05, LS01, MN01, OS03, PDA06, PAT+09, Ram12, Sar00, Scho, SS+09, SMZ05, SNBS02, TSYH05, Ton07, UTKF05, WN01, Yak01, You09, Zat06, ZSM05, dAK01, dGGS+05]. Matrix-exponential [Ram12]. Matrix-vector [EFS+08]. MatrixExp [Pog05]. Matter [BBPS07a, BBPS07b, BBPS09, BFI+00, CMR01, LAMH06, LCB07, PJSK08, RRCV09]. Maximally [GFS03, MYL+08]. Maximally-localised [MYL+08]. Maximum [BDYK04]. Maxwell [MOS01, CHS09, DMKF03, Den08, HZGZ09, LCB07, MOS08, PCV06, RB00, ST02, SHe03]. Mazev1 [DG08]. Mazev2 [DG08]. Mazev3 [DG08]. Mbar [KRTZ02]. MC [FFF02, GPW04, JPS+09]. MC-TESTER [GPW04]. MC3D [Wol03]. MC3D-3D [Wol03]. MCCC [LSL07, MIM+07]. MCDB [BDG+08]. MCDF [UK02b]. MCDHF [AJ08]. MCEF [DTD+02]. McGuire [Koc02]. MCHF [Fro00, FTG07, JG02, ZF09]. MCL [KPD06]. MCNP [KN07a]. MCNP-4B [KN07a]. MD [GSM+03, KPS+01, LL00, PS09, TMN01]. MDGRAPE [SSE+03]. MDGRAPE-2 [SSE+03]. MDVRY [SLBG09]. Mean [Tam03, BKB02a, GSM+03, MBS+09]. Measurements [Ano01n, BKK09, FH04, KKS04, Tam03]. Measuring [Yur02]. Mechanical [PM08, CN01, Dum05, HGBK08, LLL+02, OSK+02, VT00b, VT00c].
mechanical/molecular [OSK+02]. mechanically [RJFB08]. mechanics [HF00, JC08b, KM01d, KM03, LC00, MGG05, OMF03, Ram03, Sta00, VCCS05, WDHE04]. mechanism [Ger07, KL07a]. mechanisms [HF00, JC08b, KM01d, KM03, LC00, MGG05, OMF03, Ram03, Sta00, VCCS05, WDHE04]. medium [CL03, NN06]. meets [MS05b, OLX07]. Mellin [Blu00, BKKS09, Blu09, Cza06, GKR07]. melting [KNSY07a, LNLK01, MVS05, MYJY01, Ste05]. mechanism [Ger07, KL07a]. mechanisms [HOT07, Ste05, iTKST01]. memory [BoG+07, BB00, BTS06, CSCK08, CGK+00, JOS07, Mel01, PPM04, RK05]. medium [CL03, NN06]. meets [MS05b, OLX07]. Metacomputing [Liu00]. Metadata [dSdSW08]. Metal [KGM00, LY05, NP01a, TGB01, YH02]. Metal-oxide-semiconductor [LY05]. metallic [CIC+03, KPS+01, PDM+08, SG05]. metals [Cle05, WC00]. metamodelling [RPY07]. metastable [CRS05, vdB08]. Method [IH01, SLL01, VPK+01, AP04, AA01a, ABOSPG09, AI09, AMRP04, ASF+05, ADS06, AKZ00, ARV02, AH02, ASVA00, Bae03, BDK+06, BDW06, BLS09b, BFLW07, BK06b, BKM05, BDY04, BTO06, BVK02, Cai09, CMF00, CZC00, CCL08, CW08, CAW00, CA09, CRS09, CCRA05, DWZ05, DS01, DM09, Den08, DW01, DHS02, DSH03, DSHH05, Don02, DTHL09, DD04, DWD02, DM07, EL06, Ei08, EFS+08, FS08, FNR+06, FNR+07, FER+07b, FS09, FZ09, GVMW04, GHP01, GT01, GMAHV+09, GMAN+07, GLP03, GLMAB+02, GSGT03, Gre07, bHHL07, Hin00, HJZ09, Hua09, IH09, Ida02, IK00, IK00, lx07b, JH09a, Jam00, JC08b, KV08, KA09, KN09, KD09, KM01d, KM06, KN07b, KTT02, LRI+06, LLY07, LLCS01, Lii03, LY05, LFT01, LFT03, LKC06, LZ04, LS05, Li04, Maa06, Man04, MDT03, MHR+07]. method [ML07, MS05a, Mel05, MN01, MY01, M05, MA06, MP01b, MABK02, NT04, NM01a, NJ01, Nik03, NFS01b, OCK+03, OD07, OS04, OPO+08, OGWH03, PAS09, PJK00, PMG07, PAD07, PKST03, Pi00, Pi05, PS00, RLRR06, Ram10, Ras09, RE09, Ras17, RB08, RDF02, RML01, Ros04, RMWH01, RB00, SSM05, Sand00, SNS01, So05, SOY01, SI01, SHZ01, SH04, Sh07, Sh07, Sim00, SW00a, SVA01, SVA03, SP09, SJ02, SZ00c, SR01b, SM02, SRR+00, SFS09, SHH+04, SS05, SFR05, TMT00, TCF00,
TQZM08, TL06b, TdFK00, UOM01, UOTM03, UK02a, UK02b, UYK+04, VPCK04, Var08, WN01, WKP+01, WGS00, Wal03, WGDZ04, WW05, WC05, Wan06a, Wan06c, Wan06b, Wan09b, Wan09a, WP00, WMNS09, WH00, kWpLwW01, WLW04, WTW04, Xia01, XC03, XSC09, XZ12, YNK05, YZW02, YWLC04, YD06]. **Method**

[Yok09, ZWD05, dNKM07, dO02, dlHV08]. **Methodologies** [Bae03].

**Methods** [Hoo04, KNU00, AA07, AKS01, AKS02, AK07, BK01, BDP00, BT01, CFMR08, CTG01, CvdEF+05, CKA+09, DKMF03, DEW00, Fra02, FS01a, GSM+03, GF02c, HDGM07, HGVM+y02, IHAR09, KMS09, KSC+00, KALC08, LVV04, LVV06, LIR+y06, LJY07, LZ00, LNC+y06, LJY07, LZ00, LNC+y03, MVJ09, MPR05, MKK05, MMMM00, MKS07, PKSF01, PKPV02, PKKM02, PSK01b, Ram03, SG06, SLMS06, SMZ05, SQ03, TBZ12, ULA+y02, VPCK04, Van05a, Van05c, VIV01, vTVP08, VT00c, Wan05b, WYL09, WYX09, Wu10, YYVF09, YNS+y09, Zh04, Zh05, ZSM05, Zit09, dMBC+y06, vdEFL+y02, vHP08, BP08a, BFI+y00]. **Metropolis**

[FNR+y07, KM01b, DDD+y01, FNR+y06, KM00a, dS03]. **mFOAM** [JS07].

**mFOAM-1.02** [JS07]. **MgB** [HTA08]. **MgO** [MS05b].

**MHD** [Ras17, ATF+y09, ADG08, CLR08, DM09, GIME02, GZ07, Huj05, KKSR04, KSPT04, KKF+y04, MMTH04, Ras09, RJFB08, Ros04, SIH+y01, SGK09, SPP+y04, Zie04, Zie08]. **MHD-code** [GZ07]. **Micelle** [Car07, SCO00, Car07].

**Micelles** [AP05]. **Micro** [ADD+y03, AAA+y00, KHIL07, LTG09, OML09, PRSB08]. **Micro-canonical** [PRSB08]. **Micro-DST** [ADD+y03]. **Micro-macro** [OML09].

**Micro-structure** [AA+y00, LTG09]. **Microcanonical** [FD009, RLU00].

**Microhollow** [HKLY07]. **micrOMEGAs** [BBPS02, BBPS06, BBPS07a, BBPS07b]. **micrOMEGAs_2.2** [BBPS09].

**Microscopic** [CF09]. **Micro-structures** [Ni00]. **Microturbulence** [Lew04]. **Microwave** [Ch09, HJZL07, NV09]. **Middleware** [CSZ+y07, HKM+y07]. **Mie** [Wv04]. **Mika** [Vio04]. **Mills** [MG09b]. **MIMD** [VT00b].

**Mimetic** [KT05]. **MINERVA** [ATF+y09]. **MinFinder** [TL08b, TL06c]. **Mini** [HF03]. **Mini-jet** [HF03]. **Minima** [CCRA05, TL06c]. **Minimal** [LPC+y04, DGS08, FIJ+y03, Hso2].

**Minimisation** [HP06]. **Minimizing** [Lor08]. **Minimum** [JPS+y09]. **Mining** [HCK01, PB09b]. **Miscibility** [Mii02]. **Mix** [LL00, WSCW09]. **Mixed** [BBD+y09, CHS09, Kin07, LC00, Nap09, Vkm+y05]. **Mixing** [Bat03, Cum09].

**Mixtures** [JBS08, LL00, MY00a, MY00b, Pur02, vTVP08, VMMB02]. **MJK** [GG03]. **mK** [Yan03b]. **MM** [GSM+y03]. **MM2D** [AH02]. **Mn** [KMD+y02].

**MO** [iTKST01, YKK07]. **Mobility** [Mam08]. **Mode** [AK03, CDQF07, CAW00, WBDB04]. **Mode-matching** [CAW00]. **Model** [CGIA07, FK00, KOS+y09, RCGC00, AGJ07, AGV00, AIJ03, AC07, AAG+y04, ASF+y05, BLS09a, BOBO07, Bat03, BBD+y04, BBPS07a, BBPS07b, BBPS09, BBJ02, BJS09, Ber03b, BG06, BCD+y07, BLF04, BC00, BFB+y08,
CMRS02, CM06, CSW02, CFJ09, CBBJ02, CL02, CMD00, CS07, CHP04, DKC08, Eln09, EFO04, FM00, FHR+05, FV02, Fri03, FMM01, GGI00, GME02, GFO00, GLP03, GBC+04, GOG00, HD04, HBMJ05, ISS+02, IK000, ICO01, ISH01, JS08, KV08, KSS02, KM01c, KITK00, KB04, KTG04a, LPC+04, LR07, LBM05, LCY06, LDZ+08, LMS+02, LCB07, LA09, LS05, LS09, Mas00, McK07, MLF07, MK02, NHS07, NV09, NSYZ02, Nii00, Oli01, Ots01, PPM04, QTL06, QCML03, RTS01, RMK05, RDSS01a, RDS02b, RR02, RLU00, Sch08, SDLV07, SG04a, SZ00b, Sev00]. model [SR01a, Sta02, SKF05, TRGR08, TSI02, TFM09, TWY09, TL09, VK09a, Wal03, Wen01, WCH09, WG01, WL08, YH02, YD07, YB02b, ZSD+08, ZHC00, ZY09, dO09, vdSvdG08, Dan09a, FIJ+03, GMAN+07, HS02]. Model-Driven [Dan09a]. model-independent [KV08]. Modeling [ABV02, CHL+07, GVMW04, MY00a, MCH02, PB09a, SZ04, TDY02, AF+07, AOT01, AP05, BLS09b, BS00b, CMT00, CMT01, DVG05, Del03, GT04, HvDJvdM01, HMY+02, Huj05, HHWH07, JOS07, LPR02, LPR04, LiD+07, Mar08, MTZ00, NV02b, NP01b, OCS+08, PCF05, PHKL02, Pin01, Pop03, Ram07, RM08, RG04, RMVQ07, SG01, SR01a, SK00, SBCZ08, The05, itVP08, VSBD00, W00, Yep02, ZS07]. modelings [GCP+02]. Modelling [TC07, AP09, Bru00b, NK07, NRDHB01, PFPB+09, SBM+04]. Models [Koc02, AGM+00, BPRW06, BR09, BMML05, Bro07, Bru04, CYAS05, CT00, CK08, CA09, CPT+01, CCRA05, F009, F01, FL01, HJ02, KMZZ05, KG00, KM05, KACB07, LCB+00, LV08, LLT+02, LKK07, Liu07b, Luo00, MK02, RD05, RS09, Ro00, RTV08, SS09a, Wei01]. modern [EHHH01, TYS+00]. modes [AGJ07, BS00a, BGS+04, EMJH03a]. Modifications [NP01b]. Modified [KD09, LZS06, TB87, Yan03a, Yan03b, BSB02, CMIR08, L09b, MBG03, Ras09, Ras17, SPS09, TL06a, WP06, kWpLwW01, Zoka0a, ZLL09, Th04a]. modify [HHK+01]. modular [PKB+01, W01]. modulated [KS01]. Module [Ano04-46, F09, MMR04, PMA+04]. modules [PBB+04, WCG00]. Molcol [FBL00]. Moldy [Ref00]. Molecular [AP05, BBB+04, BDP08, BRdAHK+04b, CDF05, DELG05, FS01b, FS02, HOT07, KEO2, KRTZ02, OO05, PRRK07, R08, TNI+07, TYS+00, ASH06, ASS+02, BSB02, BGS+09b, B105, BM00, BK05c, CW02, CCF05, CLF07, CF09, CC07, CI07, CR00, CW00, CC00, DC05a, Dun05, Dup05, EVL00, FG04, FL00, FP08, HDGM07, HL00b, HM06a, HKKO2a, IW01, IW02, IN09, IS01, JRT03, JRT00, KCC+00, KMD+02, Kar02, KF+09, KSYE00, K05, KB+09, KBG00, KS04a, KM05, LM02a, LZS06, LZS08, LSVW08, LL00, MBR01, MPR05, MMR04, MK02, Mor01, MSH01, Nak08, nK08, nK08, OK+02, OK06a, OK06b, OD07, OCK+00, OM03, ÖDC02, PLPS08, PJK00, PHF+07, PLS09, PKP02, PP02, PS09, R06, Ref00, RJCH00, RF05b, SG00a, SM04, SM06a, SBM09a, SBM09b]. molecular [SN01, SHZ01, SKNV05, SWC+03, SLBG09, SP00, SFSL09, SEE+03, SS02b, SS05, TANK02, Tod01, TGB01, Tsao2, VCC05, Val05.
Molecular-dynamics [KEL02, MSH01, OLS+01, SHZ01, Tsa02]. molecule [Hin00, LCV06, LDBG08, NFS01a, NFS02, NT05, NW02a, Ton07, WM00].
molecule-doped [NW02a]. molecules [Hin00, LCV06, LDBG08, NFS01a, NFS02, NT05, NW02a, Ton07, WM00].
molecule-doped [NW02a]. molecules [Hin00, LCV06, LDBG08, NFS01a, NFS02, NT05, NW02a, Ton07, WM00].
molecular-dynamics [KEL02, MSH01, OLS+01, SHZ01, Tsa02]. MOLED [HTL+03].
Møller [ACIZ07]. MOMDIS [BG06]. moment [BBOY08, DN05, Goc04].
momenta [FIBT01, FIT03, Fri09, GFF01, GF02a, GSF05, IFF01, PFG06a].
moments [BKKS09, ISX05, ST02]. momentum [DK05, Dun05, GFG01, GF02b, HCO01, ID09, IM01, Jia08, KM00a, KM01b, Ste02, SFSL09].
MonALISA [LNV+09]. MONARC [MC01]. monitoring [GC01]. monolayers [SDLW07]. Monotone [CL02, Li03].
monotonic [Dem03, DB08]. Monte [FNR+07, GPW+09, JKWO6, SVMT00, TA00a, WA07, AW04, ABM03, ACIZ07, ASF+05, AGS07, Ano03h, ABB+09, Asc08, BS06a, Bae03, Bae04, BBB+09a, BJ02, Bar00, BDG+08, BVG02, BR09, BL00, BMML05, BHM+07, BM01, BHL02, BK05b, BDK04, BKB02a, BKB02b, Bur02, BB03, CGCS07, Che05, CGK+00, Cum09, CA+09, DS01, DDD+01, DGLB08, DDRW03, DH01, FNR+06, FdO09, FMN01, GS01a, GPW04, GW01a, Gra02, GOG00, GR05, HKLY07, HCK00, Huk02, JW00, JWW00a, JWW00b, JPS+01a, JPS+01b, Jat03, JS06, Jun02, JWS08, KH01, KPL07, Kat02, KR03, KL06, LTA05, LF02b, MB05, MBR05, MRS04, MSH05, M00, MSK+05, MP03, MMB02, MB05a, MP06, MG09a, MA02, MER+00, MK02, Nat08, Nil07b, OTO02, OPO+08, PMA+04, PSW00, Pop03, RP02, RIB01]. Monte [RPD+05, RS00, RK05, Sch04, SVP09, SLWH02, SSLN02, Sul05, TA00b, Tak00, Tom09, TNC00, Tre08, ULA+02, Uhl03, VYK02, VPNW02, VMM02, Wal03, WL00, WK02, WH00, WLX09, YC07, dS03].
Monte-Carlo [WJW09]. MontePython [Nil07b]. morphogenesis [CGIA07]. Morphological [MD00, GA01]. morphology [BM02b, CGC+09]. MOS [LL+02]. Moshinsky [UTKF05]. Mossotti [LWY01]. motility [WG01]. motion [DMR02, FRD09, KKSR04, KLTH04, NKV03, OF02, RL01, Sta00, TMF00, TGB01, Yok09]. Motion4D [MG09c]. motions [LV08]. motivated [Pee07]. moves [WL00]. moving [GS07, PPC07, SFF+04]. MPI [BCAD06, BAD07, Gao03, MGG05].
MPI-2 [BCAD06, BAD07]. MSHPD [GS00]. MSSM [BDW06, BB02, DG08, DLM07, HHH+09, HHWO0, LCE+09, Mah08b, MDM05, QW07]. much [Or00]. MULTEM [SYM00]. Multi [DSHH05, FL006, GME02, Ida03a, Jad00, LbotMC01, NJ00, SQ03, TYN02, TCF00, AK07, BAD01, BBBD06, BW08, Bre05, CD01b, CR00, FH04, GF00, Huj05, KNTG03, Li03, LLLZ01, NW02b, OSK04, ISX05, SSP08b, SIE04, THC+07, Val05, WGDZ04, WC05, WMNS09, WRMG05, Xia01, Yano0, Yok09, dNKM07, BMS+09, Ida03b]. multi-beam [OSK04].
multi-derivative [WGDZ04, WC05]. Multi-dimensional
[Jad00, TYN02, Bre05, CD01b, Huj05, KNTG03, Li03, Yam00]. Multi-fluid [GIME02, GFP00, Xia01]. multi-loop [BW08, WMNS09]. multi-material [dNKM07]. multi-moments [ISX05]. Multi-parameter [DSHH05]. multi-particle-collision [WRMG05]. multi-phase [NW02b, Yok09]. multi-pipeline [SIE04]. multi-platform [BAD01]. multi-processing [CR00]. multi-quantum-well [LLLZ01]. multi-range [Val05]. multi-scale [THC^+07]. multi-sequence [SIE04]. Multi-speed [TCF00]. multi-speed [CR00]. multi-threaded [LbotMC01]. Multi-threading [NJ00]. Multi-time-step [Ida03a, Ida03b]. multi-valued [FH04]. multi-variante [BBBD06]. multi-wavelets [SSP08b]. MULTI2D [RtvVR09]. multibaric [OO05]. multibaric-multithermal [OO05]. Multibillion [Rap06]. Multibillion-atom [Rap06]. Multibondic [BJ08]. Multicanonical [Ber03a, HBMJ05, BB04a, ISH01, RD05]. multi-channel [LVV07, MBG03, PB09b]. multicomponent [RtVR09]. multibaric [OO05]. multibaric-multithermal [OO05]. Multibondic [BJ08]. Multigrid [JJ07]. Multigrids [OSK^+02]. multilane [CL02]. multilayer [HTL^+03, RR02]. multilayered [PP09]. Multimillion [VKN07]. multinormal [FGA04]. multiparticle [Fra07a, RFK08]. multiphase [IK00, KITK00, TFM09, ZHC00]. multiphoton [NFS01b]. Multiple [CGK^+00, ABOSP09, BDM09, CC09, FL01, FEHC01, GGGQ01, GSSN00, HDGM07, KM08a, Kr05, NP00, Pet04, PCA^+07, SSPM05, SG04a, TYS^+00, UJSW06, VW05, vDG09, vE08, GMAN^+07]. Multiple-Compartment [GMAN^+07]. Multiple-Compartment [GMAN^+07]. Multiple-CPU [FEHC01]. multiplication [BMG01, EFS^+08]. multiplicative [WH06]. multiplicity [VT00a]. multipliers [DH00]. multiply [Cha00]. Multipole [OIKN02, HJZ09, LM02a, OCK^+03, YNS^+09]. multiprocessor [GBD03]. Multiresolution [KCC^+00]. Multiscale [Bra05, All05, DDO3]. multislab [dA08]. multispectral [CEM08]. multistep [Wan05b]. Multisymplectic [Cai09, Wan09a, TQZM08]. multitasking [WLH00]. multithermal [OO05]. Multithreaded [BB00, BD06, Dan09b]. multitrack [SF00]. Multivariate [RB05, Bel05, KMH02]. multiwavelets [SR05]. Muon [Kud09, KKM00]. muonium [K00]. MUs [CBM08]. MuPAD [AC05b]. MUPAGE [CBM08]. MUPHY [BMS^+09]. MUSIC [Kud09]. MUSUN [Kud09]. mutant [CFF05]. mutualistic [BCHP09]. MW [CHL^+07]. Myrinet [ACC^+01].

N [Tsa02]. N.H [Laf03]. n=4 [AKZ00]. Nano [HJIM02, CGC^+09, FHR^+05, HTM^+08]. nano-agglomerates [CGC^+09]. nano-friction [HTM^+08]. Nano-scale [HJM02]. nanoclusters [PP02]. nanoconfined [TK08]. nanocrystals [CTSZ07, LNK01]. nanodevice [HU09, LK06]. nanodiamond [AFK^+07, RG05]. Nanodroplets [MB02]. nanoflows [MS05a]. nanoparticles [BK05a, KEL02, ZLM04]. nanoscale [MLPT08]. nanopore [MB05a], nanoscale [LY05, VKN07].
nanoscience [OLX07]. nanoscopic [BHM+07]. nanostructured [KCC+00, PMH08, YGT+02]. nanostructures [NKSLO5]. nanosystem [Ano09a]. nanotube [CSC+07, CSC+08, HKK02a, HKK02b, LC08b, PLL07, SGL09]. nanotubes [AFK+07, KKKC07, ÖDç02, YN05b]. nanowire [GMW04]. nanowiress [PMH08, SG05]. narrow [DN05, LLV+01]. National [Ano04-46, PMA+04, Yos00, VSBD00]. natural [BSB02]. nature [CRPC08, TRAdO09]. Ne-like [HD04]. Near [BK05a, DEW01, JKKT00, NSKS01, Riz02, YW01]. Near-field [BK05a, NSKS01]. NearFar [Cha07]. nearside [Cha07]. nearside-farside [Cha07]. NEC [EL04]. Ned [Ano04-57]. negative [BNS07, Nob04, Rout01, Sea02a, SHJ07]. neighbor [ABRS12, MDT03, YWLC04]. neighborhood [TBR07]. neighbour [Mas05]. nematic [PGS02]. nematohydrodynamics [TDY02]. neoclassical [Lüt04, WTH+04]. neon [OMC00, OMC00]. nested [Eli08, KSC+00, MMTH04, PZ01, CvdEF+05]. nestedness [BCHP09]. Network [FFS01, CBM+05, FDM07, GC01, LV08, LFT01, LFT03, MLF07, RDSS01a, RDS02a, RDS02b, SM01, Sug01, YNZ+09, ZYWY04]. Networking [New07]. Networks [MTC07, BOG+07, BCHP09, CD08, HSJ02, KKH07, KOS+09, LLH07, Lik01, ML+01, MBC+09, New02, RDSS01b, TWY09, YD07, ZBB+06]. Neural [EF+00, Ano01n, LFT01, LFT03, Lik01, Sug01, TWY09, YD07]. neutrotoxin [CCD07]. Neutral [PBB+04, HHW00, Lon07, Man04, MOC03, OMC00]. neutralization [WCG04]. neutrino [CBMS08, GK05, HLW05, HKL+07b, KL01, KFI+01]. neutrinos [KL01]. neutron [CDQF07, EKW09, HBRS05, LZ00, RLV+08, VT00a]. neutrons [Yos03, Yos07]. Newcomb [ATIO06]. Newton [AP04, DSH02, DSH03, Jam00, Sim08]. Newtonian [CLR08, LC00, Pue06]. NEXTCALIBUR [BPP01]. Ni [Bur02, KEL02, KMD+02]. Ni-based [Bur02]. NiAI [LAF01]. Nicholson [Sch05]. NIMROD [KSSH04]. NiO [Kar02]. NIVRANA [GZ07, Zie04, Zie08]. nitride [SLC09]. NLO [CC04]. NMHDECAY [EH06]. NMR [BDM09, PCYC02]. NMscatt [MFV07]. NMSPEC [EH07]. NMSSM [EH06, EH07, Mah09b]. NNLO [CCG08]. no [Bar03]. nodes [GBD03, MTC07]. Nogami [RGD+01]. Noise [KA05, BDBV12, Gen01, HKP02]. Noise-driven [KA05]. noises [Mil06, Mil07]. noisy [KVO8]. Non [MVS05, TE05, AA08, BCD+07, BL05, BFLW07, BC05, Brü00a, Cha04, CSW02, CLFH07, CL03, FRdS09, FGF03, GF02b, GBMO2, GSGT03, HY07, HSSA01, IK00, JS06, KV08, KG07, KH06, KB02, LC00, MSD08, NJ01, NP01b, NFS01b, RLR06, RSMK+00, Ram05, TNY00, UNK12, WP00, WRC+04, Yao09, ZF00, ZSSA00]. non-adiabatic [BC05]. non-classical [KB02]. non-conservative [TNY00]. non-convex [RLRR06]. non-equilibrium [BL05, HY07, ZSSA00]. non-Fickian [CL03, Ram05]. non-filtered [GBM02]. non-Hermitian
non-ideal [IK00]. non-integrability [HSSA01]. non-integral [AA08, Yao09]. Non-isothermal [TE05]. non-iterative [WRC+04]. non-linear [Bru00a, FGG03, GSGT03, NP01b]. Non-Markovian [MVS05, FRdS09, JS06]. non-Newtonian [LC00]. non-orthogonal [WP00, ZF00]. non-oscillatory [KG07, UNK12]. non-overlapping [CLFH07]. non-perturbative [NFS01b]. non-scalar [GF02b]. non-spherical [RSMK+00]. non-staggered [Cha04]. non-trivial [MSD08]. non-uniform [BCD+07, KV08, KH06, NJ01]. non-zero [CSW02]. Nonadiabatic [SK05]. nonautonomous [HL00c]. nonequilibrium [MCH02, iOY01, RMK05, Tod01]. Nonlinear [KDSB04, NYH04, WGY01, AP04, AA08, ASJ+03, AH03, AOT01, AK07, BGH04, BBo4b, BGS+04, DWZ05, DDF09, DKV00, EST00, FD03, FGA04, G01, GKI02, GH01, GCD06, Hon04, bLP02, LL04, pLB03, Liu07a, Lit04, MT01, PCC+09, RE09, RMW01, SZ00c, SQ03, Wan09b, WW06, qXL04, qX08, qX09, ZK12, Yan02, Yan03c, Yan03d, YRR07, ZLL09, dHV08, Par04]. nonlinear-condensation [ASJ+03]. nonlinearly [YB02a, Yan03a, Yan03b]. Nonlocal [BBBR04]. Nonperturbative [Sav01]. nonrelativistic [MMR04]. nonspherical [IW02]. nonuniform [Bel05, Eli08, KV07]. non-zero [BFLW07, KJ04]. Nordsieck [BM05]. normalized [UCG+05]. Néel [Ne102]. notation [GZ04]. Note [A06-29, A07-30, Pu07, WY09, An03-43, An03-44, Kar01, Koz02, qX09]. notes [BCKT09]. Novel [ZEH09, BMML05, FG03, F00, GBA01, HKK+01, LH03, Mas05, MV05, NJ01, PL05]. Novosibirsk [BEM+02]. nozzle [CTG01]. NP [Zim02]. NP-complete [Zim02]. NPT [W02, OK06b]. NUBEAM [PMA+04]. Nuclear [MC03, New07, Bar09, BDL02, BCG03, BFB+08, DTD+02, D02, Elm09, GFG+06, HL08b, MM05, MM09, NY06, NY08, QCM03, Tom09, UTKF05]. Nucleation [SF05]. nuclei [BAB04, DSS01, RGD+01]. nucleon [AIOST03, MN00a]. nucleon-nucleon [MN00a]. nucleons [W08]. nucleosynthesis [PCE+08]. nucleus [VEG08]. nudged [Nak08]. Null [DW01, Rib02]. Null-field [DW01]. Number [DGL08, LBP+09, ATB+01, DH00, FP08, KKK06, Lad09, LCPC04, MI05, OGWH03, Pre00, Sch06a, TYS05, WL00, WHO02, WH06]. numbers [FH00, HB05, Str05]. numer [Sea02c]. Numeric [B01, Ada04, B05+09b, KS05, PC08]. Numerical [AA07, AMP+00, AT09, BF04, BS00a, BBD00, BCD+07, BK01, BV00, BFI+00, BDP00, CM04, CSM08, CGM01, CTG01, CvdEF+05, CKA+09, FRD09, Fat02, Gal00, GR01, GR02, GHLW03, GBC+04, HL00c, Hoo04, Imm07, IN09, JW02, KKS04, KSH02, Kon01, KM01d, KK06, LDV06, LG07, LTT+02, WLL07, LC08b, LCM00, LC00, LEG02, Liu07a, MDC09, MYJ01, NRDHB01, PBB+04, PHKL02, RMVQ07, SLC09, SS07a, SNS01, SJC07, Sh007, SPS08b, Sol01, SM02, SKR04, Sug01, TMT00, TAK02, TKP06, TY01, VW05, Vos06, VW05, Wil09, vdEFL+02, AP04, AG05, Asc08,
ASVA00, AKS01, AKS02, BDK+06, BZ00, BH05, BKG+09a, CCRG09, Cai09, CL08b, CRS09, DGV08, DKKM03, DGLS09, Don02, Dys02, EST00, FLO06, Fij99, Fijo0, Fra02, GME06, Hah05. numerical
[Hah07, HJZL07, Huj05, HHL06, KKK06, Kau03, KL01, KCH00, KNU00, KA05, KN07b, LVV07, Lee04, LR07, LLC01, LH03, Li03, LY05, LCB07, yMS01, MSS+09, MLF07, Mi06, Mi07, Min01, MA04, MA08, MP01b, MKS07, MP05, Nur04, OCS+08, PAS09, Psk01, PR06, PSV00, Ram05, RM05b, RS09, SMGE03, SW09, Sh04, SW00a, SVA03, Sim09, Ska05, Sus01, TKS+01, TQZM08, UK02a, UK02b, Van05a, Van05b, VHL09, WGS00, WGDZ04, WC05, Wan09a, WDB04, Wu10, YWF09, You05, ZSK+04, Zit09, vDG+09]. numerically [Tal09].
Numerov [FSW08, Sea02c]. Numerov-type [FSW08]. NumSBT [Tal09]. NVIDIA [MBKJ09]. NVT [IW02]. NWChem [KAB+00, SPM00]. Nystrom [Fra02, KMS09, PAS09, Van05b]. O [EVL00, Hah09, OCK+00]. Object [Bre01, BHNW01, DG08, KLM00, AGV00, Che05, DM07, GGQ01, QHR00, Wli09]. Object-Oriented [Bre01, DG08, KLM00, AGV00, Che05, DM07, QHR00]. objective [KV08]. Objectivity [SM01]. Objectivity/AMS [SM01]. objects [HS01b, ICO01]. oblate [KK05]. Obrechko [CWSH08, DWZS05, WW05, Wan06a, ZWD05]. observable [GG03]. observables [BDW06, HHH+09, Mah09b, Mah09a]. obstacles [DEW00]. obtained [Ano04b, GZF04, Tam03, TMN01]. obtaining [KKK06, MYL+08]. occurring [FK00]. ocean [NN06]. octopus [MCBR03]. ODE [WDHE04]. ODES [CTR00, IVD03, MT01]. ODPEVP [CGVA09b]. Oedometric [OML09]. Off [KK05, CHM00, JCY0a, KY07, Mar01, MP05, SBCZ08]. off-centered [MP05]. Off-lattice [KK05]. off-line [Mar01]. off-shell [CHM00]. offline [FFPW01]. offs [Oli01]. OK1 [OSK04]. OK2 [OKS04]. oligonucleotides [BSB02]. OMEGA [LANM+01]. on-shell [KM00a, KM01b]. ON-SHELL2 [FK00]. One [BD02, Ker02, LKPH08, AI0T03, BS00a, BG+09a, CTOG01, De 02, Dev05, Eli05, GF02b, Har02, HJZL07, Imu07, KKK06, LHC01, LHC02, LSL07, MSD08, NN09, Nik03, Ots01, Ram05, RM05b, SW09, SGF03, SBD+06, SM02, TNI+07, WGDZ04, WC05, Wan06a, Yos03, Yos07, Zak06]. one- [HJZL07, Nik03]. One-Dimensional [Ker02, LKPH08, CTG01, Eli05, Har02, Imu07, LHC01, LHC02, LSL07, MSD08, Ots01, Ram05, RM05b, SW09, TNI+07, WGDZ04, WC05, Zak06]. one-gluon [KKK06]. One-loop [BD02, BG+09a, NN09]. one-nucleon [AI0T03]. one-parameter [De 02]. one-particle [Dev05, GF02b]. one-photon [BS00a]. one-step [WC05, Wan06a]. ONETEP [HHM+09]. onia [DGLS09]. Onion [ML03]. Onion-Peeling [ML03]. online [EGF+00, Gre07]. onto [Rob01]. open [AdIT03, ABNA05, Bae04, EHHH06, ISSB01, JP09, MSB09]. OpenDX [SC04]. opening [BJ02, Del03]. OpenMP [CC00, Goe02, MG05]. OpenMP/mpi [MG05]. operations [AA00, AA01b, Ixa01, RF07]. Operator [Flo01, BFLW07, CvdEF+05, Cum09, CKA+09, CA07, EG09].
GL02, GLP03, MK08, MM01, Ram10, vdEFL+02. **operator-splitting**

[GLP03]. **operator-variational** [MM01]. **operators** [GF02b, SFSL09].

**Opportunities** [Gun02]. **OPT** [RMMP02]. **optical**

[ADS06, BB04b, CIC2+03, CC09, CFJ09, GCD06, HTNFBS06a, HTNFBS06b, MSB09, MTZ00, MBC1+09, NKL05, NRDHB01, NY08, PCA+07, QCML03, RG05, TNBSF04, Wes07, Whi00, YC07]. **optical-properties** [MSB09].

**optics** [SWS+12, Töt08, FWP01]. **Optical**

[CJ06, GJT03, LT03, SA09, VIV01, ZA01, NHS07, ZSD+08].

**optimisation** [BBBD06]. **optimised** [ASH06]. **Optimization**

[BJ05b, Goe02, SWC2+03, BMSG01, Elb05, FEHC01, Iwa01, KPD06, KF1+09, KF03, LPC2+00, MTJ02, OS04, PDL04, PLO5, PAT2+09, TLP04, TL06b, TL08a, VPP2+12, WHCL07, WJW09, ZS03, ZS07, ZSD+08, ZS08, Zim05].

**optimize** [LNV+09]. **Optimized**

[BDM09, OMF02, Sch06b, SK08, FMN01, KT04, Van05a, WK02].

**Optimizing** [BH03, CW01, dS03]. **Optimum** [OD08, WMNS09]. **options** [TL04]. **optoelectronic** [GCD06]. **Orbit** [BDBV12, Dev05, TEP00].

**Orbit-based** [BDBV12]. **orbital** [HL08, KH09, Sim08, TK1+08].

**orbital-dependent** [TK1+08]. **orbital-free** [HL08]. **orbits**

[BGH+09b, FGMT02, RF05b, ZF00]. **orbits** [PKP02, VP1+01]. **ORCO** [SMSE03]. **Order**

[GBTM07, SR09, WYX09, ACK05, AKZ00, BB04a, Blü00, CFMR08, CM02a, CBBJ02, CJK09, DR09, FMG00, HBMJ05, IVD03, JH09a, JPS+01b, Ko09, LNV04, LRI2+06, Lj09a, LA09, MVJ09, MA04, MA08, MKS07, Poi08, Poi09, ISX05, SS00, SLMS06, Sim00, SVA01, Sim08, TB85, TB87, Th04a, Th04b, TK08, Van05a, Van06, WGDZ04, WJH06, WYL09, ZWD05, vH06, vH07].

**Order-** [GBTM07]. **order-parameter** [HBMJ05]. **ordered** [NFS02].

**ordering** [JPS+09, NG02]. **Ordinary** [IHAR09, Ram05].

**organic** [HTL2+03, MSY07]. **organisation** [SAU1+04]. **organization**

[NYP04, Ort00, RDS02b]. **organize** [Ort00]. **organized** [SOS01]. **orientable**

[Huj09]. **orientation** [CGC2+09, CFJ09, WMNS09]. **orientation-specific**

[CGC2+09]. **orientationally** [NFS02]. **Oriented**

[Bre01, AGV00, Che05, DG08, DM07, FFS01, GGQ01, KLM00, QRH00, Wi09].

**origin** [Riz02]. **origins** [CT00]. **ORNAL** [KN07a]. **ORNAL-mathematical**

[KN07a]. **orthogonal** [KK01, KTT02, WP00, ZF00]. **orthogonal-dimer**

[KK01]. **Orthogonalising** [IBM03]. **Oscar** [Ano04c]. **oscillating**

[CM02b, DKC08, FAS09]. **oscillation**

[HLW05, HKL2+07b, Id02, NFS02, Wei02a]. **oscillation-free** [Id02].

**oscillations** [BD06, Dan05a, Dan05b, DS06, Dan07]. **oscillator**

[DD00, DO04, D05, DSC2+09, EKW00, GME06, HL08b, HB05, MAM04, MAM07, SOYN01, SDNR05, You09]. **oscillators**

[DDFI09, Fra02, TY01, Van05b, WYL09, Wu10, WYW09, YT01b].

**Oscillatory** [BZ00, AA00, AA01b, FBB01, Fra07b, HSSA01, Ixa01, IP01, Kim03, KSHP02, KCH00, KG07, Sau00, UNK12, Van05c, WYX09]. **Other**

[BOPC05, BC07]. **OTI** [Elm09]. **out-of-core** [BVY05]. **output**
overdamped [Gen01]. overlap [BFLW07, CvdEF+05, Cun09, CKA+09, CKLS09, GGL03, Jan05, KALC08, vdEFL+02]. overlapping [BM02b, BDH+05, CvdEFL02, Cun09, CKA+09, CKLS09, GGL03, Jan05, KALC08, vdEFL02]. oxidation [LAF01]. oxide [HSSA01, LY05, LC08b, RJCH00]. oxidations [KKKC07]. oxygen [LN01].

P [Kar01, Eas08, SW00a, WW05, Wan05b]. P-stable [SW00a, WW05, Wan05b]. Package [KS04b, Pog05, AF05, AAG+04, AGM+00, BS06a, BC07, BB09a, BS06b, dSB00, BBJ+08, BFB+09, BDH+05, CGC+09, CKS00, Che07, Dem03, Dem06, DGL09, EH01, EHH06, Fer07a, FK00, Fri01, Fro00, FTG07, GKI02, Gao03, GKI04, GDC01, GKR07, GHI09, HKM+07, HTB06a, HTB06b, HM06b, HHL06, Ixa02, JHE07, KSYE00, KSI08, KF05b, KVR+00, bLpL02, LL04, LAM06, pJBL03, LRL09, Lor08, LL00, MP04, MGPM07, MGYP08, MSB09, MP03, Mil06, Mil07, NFH06, Nik03, PFG06b, PZW+00, PTL04, Pue06, QxW07, RMM09, SMB09, SMB09, Sem09, SLBG09, Ste01, SC04, Töt08, Wan01, WCH09, diRLo9, vH06, vH07]. packages [BCV03, GKP+06, KPD06]. Packet [KRTZ02, BS04b, LJ01, Mei01, Sal03, ZWY04]. packets [Bow02]. packing [HSJ02, YZD+07]. Padé [FH04]. Padé-approximants [FH04]. pages [Hoo04]. Painlevé [XC03, qXbL04, qX08, qX09, ZLL09]. pair [AAC+06, BBC+01b, JWW00a, JPS+01a, JPS+01b, Kol03, KFI+01]. pair-production [KFI+01]. PALP [KS04b]. PANMIN [TLP04]. PANN [MNYY00a]. Papers [BDL00, Aok01]. PAPH [MNYY00b]. parabolic [BV00, Fat02]. paradigm [HHWH07]. paradigms [TYS+00]. ParaGauss [MMR04]. Parallel [ATB+01, BSD09, BMG01, BSK+03, BK02, CR00, CW00, CC00, DN04, EVL00, Gol00, HC00, HL00b, He00, JCG08, JRT00, LB09, LS08, LH+06, MP03, OPB+09, QR01, RP02, RJCH00, TF04, TE00, Uhl03, WMK09, WM00, WTL04, WHL05, WHO06, ZE00, Zie08, ABC+03, ABER00, ADBF03, AEB02, BAD01, BLCR05, BCA06, BOG+07, BMS+09, BB00, BTK+02, BJ03, CSS+03, Cha00, CGIA07, CLL+07, CM00, CM01, DMD+07, Dec07, DPP01, Di 01, DUX+09, Dup01, Eli05, EK09, FMD07, FMD07, Fel08, FKP03, FeH01, FMB01, GB07, GB03, HSBK08, HCH+06, ICT01, JAT03, Jen00, JG09, KCC+00, KAB+00, KLD04, KM01c, KGB00, LCB+00, LPC+00, LCS07, LTG09, LR07, LLC01, Li03, LC01a, LL00, MOM+00, MC08, Mei01, MB04, MT00, Nak07, Nak08, NJ00, iNKN08, OLS+01, OSK+02, OCH+03]. parallel [OK06a, OK06b, OD07, ÖD02, PHF+07, PSP+03, QR00, Rap06, Re00, RJB08, SG00a, SM04, SM06a, SMB09a, iSAC08, SDV01, SKN05, SWC+03, SBB03, SNBB02, TJD09, TRGR08, TK03, TCY+08, TG00, TC06, TL04, Tó06, ULA+02, VKB09, VHLP09, WC00, WHO02, XON08, Yos01, Zha08, SVM00]. parallelism [SPM00, TYS+00]. Parallelizable [CA07, Xia01]. Parallelization [CMF00, FKG00, GRR+04, SLWH02, WJW09, BS06a, Gao03, Goe02, MGG05].
parallelized [WHL+07]. **PARAMESH** [MOM+00]. Parameter
[RPY07, AS03, Bre05, CNFR01, CGVA09b, De 02, DSHH05, HBMJ05,
KKK06, KMH02, PS09, SZ00c, YM03]. **Parameterization** [AGM+00].
parameters [Bar03, BDW06, FGA04, GMAN+07, GKM+00, HG02b,
HM06b, HM08, IF03, LFT03, LANM+01, MS08b, NY06, WV04, qX08].
parametric [CGVA09b, CBMS08]. **parametrization** [GSF06].
parametrisation [GSF06]. parametrizations [VCCS05].
parametric [CGVA09b, CBMS08]. parametric [VCCS05].
parametrizations [RF08]. paraxial [AT09].
parentage [Dev05, DJ08]. parity [ACIZ07, GLL+02]. parity-violating
[GLL+02]. **Parrinello** [CCFG05]. Part
[HTM01, Ida00, PSK01a, PSK01b, THM01]. **PArthENoPE** [PCE+08].
Partial [HTM01, Ida00, PSK01a, PSK01b, THM01]. **PArthENoPE** [PCE+08].
Partial-wave [MNYY00a, MNYY00b, SJP05]. partially [BSTC05, LB04, Sle00].
Particle [BTS06, CPS00, CH09, KCR07, iSAK+08, SWFL00, ZM00, ZLM04, ABRs12, BDYK04, BDV04, Che05, CY01, DC03, DDMM06, Dec07, Dev05, DJ08, DKM07, DEW01, EL04, FMD07, Fod05, FS08, GFF01, GF02b, GPW04, HKLY07, JH09a, JJHvO03, JS08, KLD04, LC01a, yMS01, MY00b, Man04, Mel05, MAM04, MAM07, MK09, NT05, NKV03, OD07, PCC01, PSP+03, Poi08, Poi09, Pop03, Por03, RvOvV02, SLL01, SBB03, SS02b, SS05, TFM09, TC06, TE05, Tom09, UOM01, UOTM03, VPCK04, VKB09, VBFD01, WTH+04, WGL06, WRMG05, Es01, KPL07, TCY+08, TDD04, VAH04, VCF+04, WJW09]. particle-based [MY00b]. particle-continuum [VPCK04]. **Particle-in-cell**
[CH09, BDYK04, Dec07, EL04, FS08, HKLY07, JH09a, KLD04, LC01a, PSP+03, Poi08, Poi09, SLL01, UOTM03, VPCK04, Es01, KPL07, TCY+08, TDD04, VAH04, VCF+04, WJW09]. Particle-In-Cell [KPL07].
**Particle-in-Cell/Monte-Carlo** [WJW09]. Particle-inspired [CPS00].
Particles [HAA07, Bar04, CMD00, DHBE05, JKKT00, KH06, LMM+08, MDM05, RSMK+00, Str01a, TTT06, WLR+08, WV04, YZD+07]. particular [AKZ00]. particulate [BC00]. partition [JK02]. Partitioning [SBB03].
**PArton** [KSS06, SR09, ABB+09, BBB+09a, CPW09, CS02, Sut05, Vog05, Wei02b, KKIS01]. Peaschen [LSL07]. past [Ano02a]. Path
[CC08, GOG00, MI05, SVT100, KM05, Krö05, MG09a, RDFF02, ZE00, vE08]. Path-Integral [SVMT00, MI05, KM05]. **Pathfinder** [Nak07]. paths [Pet04].
Pattern [OGG07, Yan03a]. patterns
[BBC+01a, CLFH07, DG08, Gro01, YB02a, Par04]. Paul [Wan00]. Pauli
[ZF00]. **PAW** [HTM01, THM01]. Pb [BNS07]. PC
[FKP03, LC01a, iSAK+08]. **PC-based** [FKP03]. PCs [Tak03]. PDE
[FS00, KMH02, XC03]. PDEs
[BBD006, LJ08, LH01, PMG07, qX08, qX09, ZLL09]. **PDSW** [VS06].
Peaceman [Mah08a]. peak [CC09]. pedestrian [NHS07]. Peeling [ML03].
Pegasus [Vog05]. pellet [BDB+08, SJCM04]. penalized [Lor08]. Penning
[CBKM01, CVK04]. **peptide** [KPF03]. peptides [LPC+00]. perception
[Man02]. percolating [MDS09]. percolation [HCKK00, NLC09, Sat02].
Performance
performing [CGC09, KFJ09, SGL09]. peridynamics [PLPS08].

Periodic [MNV00, AJT07, ASVA00, AK07, CY01, DWZS05, D01, FSW08, FBB01, Hl00c, LåT04, PKP02, SVA01, SSLN02, THM01, VPK01, WW05, Wan05b, Wan06b, Yan02, YT01a]. peristaltic [SGK09]. permanent [DC00, FM03]. permanental [HLB06]. permanents [LB04]. Permutation [RLH09]. Permutation-reduced [RLH09]. persistency [ISSC01].

personal [Cip07, Cip08, Hib01]. perspective [Haf07]. perspectives [EL04].

PERSYS [Riz02]. Permutation-reduced [RLH09]. persistency [ISSC01].

personal [Cip07, Cip08, Hib01]. perspective [Haf07]. perspectives [EL04].
Ano03-27, Ano03-28, Ano04n, Ano04o, Ano04p, Ano04q, Ano04r, Ano04s, Ano04t, Ano04u, Ano04v, Ano04w, Ano04x, Ano04y, Ano04z, Ano04-27, Ano04-28, Ano04-29, Ano04-30, Ano04-31, Ano04-32, Ano04-33, Ano04-34, Ano04-35, Ano05k, Ano05l, Ano05m, Ano05n, Ano05p, Ano05q, Ano05r, Ano05s, Ano05t, Ano05u, Ano05v, Ano05w, Ano05x, Ano05y, Ano05z, Ano05-27, Ano05-28, Ano05-29, Ano05-30, Ano06b, Ano06c, Ano07b, Ano07c, Ano07d, Ano07e, Ano08b, Ano08c, Ano09c, Ano09d, Ano09b, BBC+01a, BDL00, DH01, FNR+07, FGV01, Physics [Fij00, GDAG05a, KM01b, Lan07, MOS01, New07, Ram10, SM06a, TS08, Wu10, ABM03, ASJ+03, Ano04b, Att09, BvG02, Bor07, Bra05, CRS01, CMR01, Cra01, Esq02, FS00, Fod05, GT01, GGL+02, GPW04, Gou00, Gre04, GMO03, HF00, HS01b, JS08, KB02, Kud09, LVV09, LL07, Mah09b, Mah09a, MT01, MSK+02, Nov02, OLX07, Pin01, RM05a, Rin02, Sak07, SEF+01, SAC+02, Suz00, Swe02, SC04, TA00a, TA00b, Tho01, Yan03c, BMS+09], PHYSics/scale [BMS+09], PhysicsGP [CB05], physiological [ZS07, ZS08], PIC [AH03, CSC+04, DN04, DFR+02, JBA+07, LSL07, LKP08, MIM+07, SLL01, SG04b, WCG04, WHL+07, YRR07], PIC-DSMC [CSC+04], PIC-FEM [WHL+07], PIC-hydrodynamic [LKPH08], PIC-MCC [LSL07, MIM+07], piclet [LC08a], picture [KS04a], Piecewise [Ram04, Dem03, IH09, IHAR09, ZA01], piecewise-linearized [IH09, IHAR09], Piezoelectric [HM06a], piezothermoelastic [Mel01], pilot [AALK07], PIMC [Miis02a], PIMD [Miis02a], pinch [Pet04, RG04], pinches [SBL+04], pioneering [Ano04b], pipe [QR01, QG04], pipeline [SIE04], pipes [DM09], Pitaevski [DFS00], Pitaevskii [DC07, MA09, TQZ08, TS06], pitchfork [Bal01], pitfall [Nap09], pits [NY06], pixel [QTMH07], planar [MD03, Var02, YKK07], Planck [ABS04, CBKM01, KA04, yMS01], plane [ADD+07, BK05a, BVL03, CR05, DEW01, GBD03, HTR01, MMB02, MSH02, MSPH02, THM01, VSK+05], plane-wave [CR05, MSH02, MSPH02], planes [MS05b], planewave [ADS06], plans [MCK07], Plaque [Voj02, Vo03], Plasma [MSY07, MIM+07, Ano04b, BBBR04, Bre07, CHL+07, CLL+07, CH09, Del03, DFR+04, DUX+09, Gre04, HYY07, HKPL07, HJZL07, HL05, HHWH07, ISS+02, IDS+04, IL07, JCGJ08, JTS+06, KPL07, KCR04, KCR07, KV07, Kon01, KTG04, KZS+00, KDS04, KTG04, KT07, Lee04, LKP08, Liu07b, LS05, LCO1a, MV04, MCL05, OLX07, PKL02, Pin01, PSK01a, PSK01b, RR03, Ram10, SMM+04, SGF04, SO08, SHJ07, SSB04, SS04, SBM04, STK+00, TLO04, TAM04, UXD+09, VAH04, VCF+04, YFF01, YFF03, YSB00, WSB04, WLS+05, WRC+04, Yan09, YRR07, ZSK+04], plasma-edge [SBM+04], plasma-wall [HY07, KT07, MV04, SZ04], plasma-wave [MCL05], PLASMAKIN [Pin01], plasmas [ATTO06, ATF+09, ABS04, ASC+05, BF04, BDBV12, DGV08, GFP00, GBFS07, GH01, HD04, HO04, HW09, KY07, KA04, KMR+09, KSSH04, LLY07, yMS01, Mah08a, Man04, NYH04, PPP01, PCV06, SV01, SG01,
TPBE04, TKP06, TDD04. plasmastics [Bru00b]. plasmoid [SKRK04]. plastic [SM06b]. plastically [Cle05]. plate [Var02]. platform [AAKL07, BAD01, Far01, KKHL07]. platforms [CR00]. Plato [KH09]. PLD [SMS+00]. PLNoise [Mil06, Mi07]. plotting [NY06]. plugin [BBB+09b]. plume [CSC+04, KTG04b]. plume-to-spacecraft [KTG04b]. PLUMED [BBB+09b]. plus [AIOST03, HSGBK08, LMP+09]. PMCD [MP03]. PML [VAH04]. PMN [CFH+01]. Podolsky [DDM07]. Point [KBG00, Tor00, AGJJ07, BCV03, DS04, HDG07, MPR05, NN09, RF05b, RF06b, Str00, TN1+07, TMN01]. Point-centered [KBG00]. points [FBB01, HP02, KSS02, She08]. Poisson [KH01, AS00, Con04, DHB+04, Dys02, Eli05, HCH+06, LdVJ06, Li03, LY05, M05a, MN05, NJ01, QR01, QQ04, TPV03, XON08, Zie04]. polar [GVMW04, SGL09]. polarisabilities [QL05]. polarizable [DDD+01, SLBG09]. polarization [MPR05, vV05]. polarized [AIIZ07, NY07, V05]. POLE [Con04]. polyalanine [YD06]. polyamions [SSH01]. polyatomic [BSS09, RMLB01]. Polychromatic [BCP04]. polycrystalline [SKH02b]. polycyclic [EYJ07]. PolyGpCp [Ger07]. polydisperse [CGG00, SWY01, YW00]. polyelectrolytes [LH02]. polyethylene [FAITD01, Ryc05]. polylogarithms [GR01, GR02, Ma06, VW05]. polymer [BMML05, CW01, F01b, FS02, KMB02, KSEG05, LS02, LOY07, LS09, MB05a, M102, M08, PRB08, ULA+02, WBC+07]. polymeric [Kr05]. polymerization [BJ02, ISS+02, MSH01]. polymers [BLS09a, CCFG05, DCNG09, CCRA05, DCNG09, GGL+02, LC07, TIT01, The05, VY02, vdpB+02]. polynomial [ASF+05, KTL05, KTT02, PSH06, UCG+05, UNK12, Vak00]. polynomials [HLB06, K04, Str00]. polystyrene [LM02b]. polytope [vHK00]. Polytopes [KS04b]. Ponwig [CF02]. Poor [CFH+01, LH02]. PopRatio [SV01]. population [VPP+12]. population-based [VPP+12]. populations [SV01]. pores [BDHP08, DN05]. porous [BBBD00, JOS07, N0Y02, PPM04]. portable [BBB+09b, GDC01, LL00, OCK+03, Re00, SKN04]. portal [BLCR05]. Porting [EL04]. Pöschl [MS08b]. posed [RMWH01]. positive [FM03, LPC04, SJ05, Se02a]. positron [BP01, SBM09b, WCBN05]. positrons [SJ05]. possessing [PSK01a]. possibilities [McK07]. possible [TIM07, TIM08, Var02, V03]. post [Pue06]. post-Newtonian [Pue06]. postprocess [BC07]. postprocessing [LB09]. potassium [KACB07, YN05b]. potential [AP00, ATP01, ADS06, Ber03b, BFIW07, CCBL02, CGG+08, CGG+09, CW01, DVL+02, DVL+04, FAITD01, HG02b, H000, IK00, LRI+06, LPC+00, LF02b, MS08b, MAM04, MAM07, OS03, PJK00, PAT+09, Riz02, SN07, SG04b, TAF01, TT06, TYS05, WL00, XSC09, Zak06]. potentials [AP00, ASH06, AMP+00, BVY05, CW00, FHY+05, HSS+08, IBM03, KM08b, MBG03, NW02a, ON08, OPO+08, PS08, S00a, S02a, SSLN02, TKN+08, V05, V01]. POTHMF [CGG+09, CGG+08]. POTLIB
[DVL'04, DVL'02, DVL'04]. Potts
[BBJS09, BKBJ02b, CBBJ02, CGIA07, HJ02, KSS02, TL09, dO09].

power [Mil06, Mil07, NV09, RDSS01a]. power-law [Mil06, Mil07]. pp [Wan00]. PPA [TKK'06]. PPA.4b [TSA'03]. Practical [FJC'05]. pre [Ano01n, Elm09]. pre-attentive [Ano01n]. pre-equilibrium [Elm09].

Precise [Mic07, PR06, TI01, Bru00a, CCGR09, HTNFBS06a, HTNFBS06b, KF05a, SW09, Zak06]. Precision
[CCG08, BBD'09, FS01a, HDG07, JWW00b, KS05, LMC'03, TNBSF04].

Preconditioned [GHP01, Lüs05, Xia01]. pre-conditioner [HZGZ09].

preconditioners [CHS09, SBD'06]. preconditioning [ADG08, GH00, UJSW06]. predator [TRAdO09]. predator-prey [TRAdO09]. predict [Gha05].

Prediction [TiTD01, BK05c, GOH06, HCH'06, KPF03, SvAS01]. predictions [BL00, Bre05, CSC'07, CSC'08, GPW04, Oka01]. Predictive [NK07].

Preface [Ano00-27, Ano01-30, Ano04-47, AEK02, BDL00, FMP05, Gia02, GCI01, KL07b, LF02a, MG08a, PR01]. preliminary [BK01]. Prelle
[DDdMS02]. preparation [Cap05]. present [Ano02a]. present[Ano04a]. preserving [CLR08, HL00c, LB04]. pressure-dependent [MLG+01]. pressures [BNS07, KRTZ02]. prey [TRAdO09]. primordial [PC'08]. principal [HB05]. principle
[RG05, Tsa02]. principles [AJT'07, Ano09a, CR05, CM02a, CTI07, EYJ07, FG04, GBTM07, Hart01, KKKC07, LN01, LDZ'08, MCBR03, MSK'05, Mor01, NS00a, WKP+01, WC00, dSdSW08, vdHBP+02]. priori
[DVG05, TIM07, TIM08]. Prize [Ano04-56, Ano04-57, Ano04b]. PRMAT [SNBB02]. Probability
[Lik01, Man04, BH08, FPB08, FFD00, RF08, Sev00, SSZ01]. probe
[CS07, NSK00]. problem [AMP'00, Bae03, Bal07, BD08, BL00, BV00, Bru00a, CRUV00, CGVA09b, FG03, GHP01, HBW05, Huj05, JC07, JS08, KNU00, KZS'00, LVV07, LC00, Man02, MIR04, MHN01, MP01b, SHV+01, SZ00b, She08, SGM+09, TNI+07, VBFM05, Wan06b, WWF08].

problem-orientable [Huj05]. Problems
[ITHAR09, ASJ+03, ASVA00, AKS01, B305b, BKM02, CFKM01, CL03, DSH03, DTHL09, FSO0, FBL00, Fra07b, HCIK00, Huk02, KSTL03, LVV09, LMC'03, LCHJ09, LJO9a, MT01, MVJ09, MLF07, OS00a, PAS09, Ram04, Ram05, RM05a, RMWH01, SVA01, SVA03, Sim08, Van05c, Var08, WW05, Wan05b, Wen01, WDHE04, Zim02, Zim05, dA08]. procedure
[Fat02, IF03, LVV07, MV05, MC09, PRBD09, Tan03]. procedures
[FIBT01, FIT03, Fr09, GFF01, GF02a, GSF05, IFF01, PFG06a, TLP04].

Process [BFL'+01, PK01, BDT00, Con04, GDC01, IF03, NFS01a, QTMH07, SVP09, SOAW08, ZSD+08]. processes [AS00, ABB+09, Bar00, CPW09, CZ00, Id02, KDDBF4, MER+00, NFS01b, RS00, WSDB04, Wen01, WCG04]. Processing [LSVMW08, AGS07, BBD+01, CDD08, CR00, DDMM06, Di 01,
EFG+00, FEHC01, MIM+07, Rap06]. \textbf{processor}
[CGK+00, De 07, MBKJ09, PKB+01, REAB09, SHT08, vDGM+09].
\textbf{processors} [BOG+07, CR05, Far01, Oli01, ULA+02, ZA01].
\textbf{PROCRUSTES} [Pue06]. \textbf{produced} [GFP00, HD04]. \textbf{product}
[CGK+00, De 07, MBKJ09, PKB+01, REAB09, SHT08, vDGM+09].
\textbf{processors} [BOG+07, CR05, Far01, Oli01, ULA+02, ZA01].
\textbf{PROFESS} [HLC08]. \textbf{profile}
[CP00, KNY05, RLRR06]. \textbf{profiles} [BS08, KMR+09, NY06, ZDKG05]. \textbf{genotype} [LC01b]. \textbf{Program}
[Ano01-31, Ano01-32, Ano01-33, Ano01-34, Ano01-35, Ano01-36, Ano01-37,
Ano01-38, Ano02y, Ano02z, Ano02-27, Ano02-28, Ano02-29, Ano02-30,
Ano03-36, Ano03-37, Ano03-38, Ano03-39, Ano03-40, Ano03-41, Ano03-42,
Ano04-48, Ano04-49, Ano04-50, Ano04-51, Ano04-52, Ano04-53, Ano04-54,
Ano04-55, Ano05-46, Ano05-47, Ano05-48, Ano05-49, Ano05-50, Ano05-51,
Ano05-52, Ano05-53, Ano06-28, BB09a, BJS00, BB09b, GFG01, GLHW01,
KW08, APV00, AP04, AdiT03, Ali09, Ali02, AOT01, AJ08, AC05b, ASS+02,
AAC+06, Bar04, BBC+01b, BS03, BDW06, BBPS02, BBPS07a, BBPS07b,
BCP04, BD05, BCG03, BDB+08, BGH+09a, BBrDHK04a, BBJW05, BM04,
BM05, BOPC05, BD06, CCG09, CP00, CGG00, CD01a, Cha07, CRUV00,
CGA+07, CGVA08, CGG+08, CGG+09, CGVA09a, CGVA09b, CS02, Cip07,
Cip8, Con04]. \textbf{program} [DS06, Dan07, Dan09a, Dan09b, DMM07, DDRW03,
Dev05, DJ08, DD00, DO04, DSC+09, DDS01, Dra01, Dy09, EAO1, EAU05,
EH06, Fe08, FT08, FBL00, FFD00, FFG02, GFG+06, GSM+03, GSO1b,
Gro01, GG03, GNZ+09, HHH+09, HS03, HC08, HHW00, HLC08, HB05,
Hor09, IW01, IW02, JW00a, JPS+18, JK08, JL09, JG02, JC01, KTT09,
KS84, KS08, Kol03, KJ04, Kol09, Kon02, Mah08b, Mah09a, MCLDP01,
MFF+05, MR06, MW01, MMR04, MSK+05, MPK00, MFVJ07, MS09, NY06,
NY08, OK09a, drRBP+09, PS08, PKRK07, Pit05, PAT+09, Por03, Ref00,
RSD01, Riz02, Sar00, SV01, SCM00, SGL09, SYM00, Ste01, SDNR05, SJ07,
SNNB02, TKB+04, TV07, TS06, TNBSF04, TNGC00, Tòt08, UCG+05,
VCC05, VSO6, WGDZ04, WP00, WW06, ZF00]. \textbf{program}
[ZDKG05, CGG+09, CGVA09a]. \textbf{programmable} [KPD06]. \textbf{Programming}
[CB05, LL07, TS08, BDK+06, BSO+04, Chr00, Iwa01, MRF+05, Niu00,
SHH+04, WMK09, ZA01, Hoo04]. \textbf{Programs}
[BRD04, FH04, BC07, JW00, JK08, MA09, PSW00, Ver00]. \textbf{Progress}
[DSL09, OS00a, NP01a]. \textbf{Project}
[BCP04, Yos00, CFH+01, BHNW01, G101, Mak01]. \textbf{projection}
[DTHL09, MI05, Rob01, SFSL09]. \textbf{projector}
[BVKW02, FM00, HTM01, THM01]. \textbf{projectors} [RGD+01]. \textbf{prolate}
[Hua09, KJ07, LKC06]. \textbf{prolates} [LB09]. \textbf{Prompt} [Teh01, VT00a]. \textbf{proof}
[BL01]. \textbf{proof-of-concept} [BL01]. \textbf{propagating} [Mah08a]. \textbf{propagation}
[BS04b, BB04, EM08, FW01, HG+05, HJZL07, HS05, JC08a, JTS+06,
KV07, LCB07, MN01, MP01b, NN06, SLMS06, SSB+09, SWP03].
\textbf{Propagator} [Bow02, BH07, CA07, WP06]. \textbf{propagators} [FJC+05, IxaS7a].
quantum
[TNCG00, TDD04, Tót08, VK09b, VT00b, VT00c, Vos06, WHJ06, WWF08, WDHE04, WW05, Wó09, YB02b, dSL02, RF05a, RF07, Vio04, Wan00].
quantum-number [MI05]. quark
[BH07, CKS00, JWW00a, Kol03, OvSA02, TSA03]. quarkonium
[DGSL09]. quarks [BDF08, KMP09]. Quarteroni [Sha04]. quartic
[TY01, TYSH05, YT01b]. quartz [HM06a]. Quasi
[Sch04, BFL04, HTM08, KL06, LDZ08, MT00, PSH06]. quasi-bound
[MT00]. quasi-error [KL06]. quasi-harmonic [BFL04, LDZ08].
Quasi-Monte [KL06, Sch04]. quasi-polynomial [PSH06].
quasi-temperature [HTM08]. quasicrystals [Gro01]. quasilinear
[FMG00, Kon01]. Quasilinearization
[KM03, KM06, KM08b, MT01, KM01d, Ram04]. quasiperiodic [HL00c].
quaternary [Bur02]. quaternionic [JC07, JC08b, WWF08]. qubit
[RF05a, RF06a, RF07, RF08]. QUBIT4MATLAB [Tót08]. quibits
[PMV02]. quenching [RCG00]. Quickstep [VKM05]. quiet [ZSdD08].
QWalk [MP08].

R [PKKM02, Ton07]. R-CCSD [PKKM02]. R-matrix [Ton07]. R1
[HKM07]. Racah [Fri09]. Rachford [Mah08a]. RaccoonWW1.3
[DDR03]. radar [FKMB09]. RADCAP [Ber03b]. Radial
[OIKN02, WDB04, CGA+07, CGV08, CGG+08, CGV09a, DGL09, DY09, HB05, KTT09, SMSE03, Sea02b, Sim09, TD03, UK02a].
Radiation [MK05, AGM00, BP08a, Leh00, Maz00, PP09, Rtv09, Rmk05, SVP09, SJHY07, WS04, WC05, dA08]. radiative
[ACIZ07, HD04, HvDjv01, Hu05, TI01, WH00, Wol03, WH05]. radio
[GB05]. radioactive [VS06]. radiography [KMC01]. radiological [FFS01].
radiix [Yam00]. radiix-2 [Yam00]. radon [LC01b]. RAEM [LL04]. railway
[HY07]. Raman [HS07, HW09]. ramifications [Luo00]. ramified
[SFS01]. Random
[DGEBL08, G00, LBP+09, SFS01, AB+01, B05, BJJW05, CLF07, CF09, CCRA05, F02, H02, HJ02, JH09b, L09, LCP04, OTY02, Pro00, RK05, Sch06a, SYN01, SSZ01, TL06b, WHO02, WH06].
random-bond [HJ02]. range [AL08a, BHL02, CM02a, JCC09, LOY07, MGG03, MRS04, Mic07, NH09, PHF+07, RD05, SYN01, SS05, Tat07, Val05].
ranged [CW00, WHL05]. ranging [MOC03, OMC00]. ranlip [Bel05]. Rao
[Kas00]. Raphson [Jam00]. Raphson/log [Jam00].
Raphson/log-derivative [Jam00]. Rapid [RB08, ZZ09]. rapidity [JPS+09]. rare [GCP+02, GF02c, NW02a]. rare-gas [GCP+02, GF02c]. ratchets [Rap02b]. Rate [MLG+01, BGJ+07, BBPS09, EST00, KK00, TSI02, ZS07]. Rate-based [MLG+01]. RATH [bLpL02]. ratio [HS03, QG04, UVLRRC09]. rational [DR09, SK08, VC08]. ratios [BBJS09, CFJ09]. Ratip [Fri01, KF05b, NFH06]. ray [Min01, MKJ+05, NRR01, Pop03, AGM+00, BB07, BSO+04, BG01, KMCS01, LZC+08, Sal03, Vég04]. Rayleigh [DMR01, DMR02]. Rays [Tol02]. RBF [TWY09]. RBF/Elman [TWY09]. REACH [MS09]. reaction [BS00b, CZC00, CRPC08, CGA+07, CGVA08, CGVA09a, DCJ07, MLG+01, XD08, vE08]. reaction-diffusion [BS00b, CZC00]. reactions [Ber03b, BG06, BTS05, Elm09, HYY07, SK05, Sri01]. Reactive [RFK08, Val05, FH00, HSBK08, LCB+00, Lj01, MGG08, MN01, iNKNV08, SCM00, VTS00b]. reactor [KPL07]. reactors [STK+00]. ready [BAD01]. Real [KM08a, MGG08, BMSG01, Bun01a, DM07, FH04, FPB08, HSBK08, HCO00, ICO03, MSHP02, MSHP20, MKM02, OSK+02, SCO00, SKNV01, SKNV05, SMH+01, Th01, Th04a]. real-coded [HCO00, ICO03, SCO00]. real-space [OSK+02, SKNV01, SKNV05]. real-symmetric [Bum01a]. Real-time [KM08a]. realistic [CYAS05, GCP+02, HKK02a, ZKASS05]. reality [TKS+01]. reason [BNSY02]. reasoning [Veg04]. recall [MHS05]. Recipes [Koc02]. reciprocity [GPT08, ISSB01]. recognition [SKH02b, DLZ08]. recoiling [Wro08]. reconstructing [BV00]. Reconstruction [Bat03, BG01, GGQ01, ISSC01, SF06, Th01]. record [DH01]. recoupling [DK05, VF03a, VF03b, FIBT01]. recovery [ZS08]. rectangular [DM09]. recurrence [SHI02]. Recursion [LZ04]. recursive [KKS04, KTT02, MC03]. REDACLE [BCC+06]. redox [BTS05]. REDUCE [GKJ02, GKJ04, UCG+05, VAl03]. Reduced [Bac02, NGE+04, GF01, GBC+04, RLH+09]. Reduced-dimensionality [Bac02]. Reducing [HKP02, Bae03]. reduction [BGJ+07, Har00, MG09a, MG09b, NP00, Piso0, Wei02a]. redundancy [Man02]. reevaluation [TSI02]. reference [LRI+06]. Refinement [KNTG03, PM01, FS08, HCH+06, KKF+04, LOL06, MOM+00, Ros04, SJCM04, VAHR04, VCF+04, WTW04, Zie08]. refining [LHS+06]. reflect [Nur04]. reflectance [SLC09]. Reflection [KV07, Ram10, WP00, Yan09]. reflections [Hib01]. reflective [CLFH07]. regaining [ZSD+08]. regarding [Ano04-56, Ano04-57]. regeneration [KL01]. regime [CMS04, GHLW03, HS03, HW09]. regimes [YM03]. region [MNYY00a]. Regional [ADE+02, Org01]. registers [RF05a]. regular [BSDMH05]. Regularization [AG05, BK06b, DSHH05, RMWH01]. regularized [Cai09, DSH02, DSH03]. reinforcement [EM08]. related [ASVA00, AKS01, Lee04, SVA03]. Relating [SSA07]. relation
[HJM02, KT07, LWY01, MSD08, Sus01]. relations [Blü04, Blü09, QCML03]. Relativistic [KF03, KF05b, OvSA02, AKZ00, AMP+00, AT09, BD08, FF00, FFG02, GF04, JHFG07, Kon02, LKH08, LS01, MMR04, MK05, ON08, PFG06b, She03, TP01, vdHMK08]. relativity [AG05, MG09c, Pue06]. relaxation [FFD00, LNK01, TCF00]. relaxing [Huk02]. RELCI [FFG02]. release [BCKT09, GKP+06]. relevant [WML+05]. Reliability [AAP03, AA01a]. Reliable [AA00, AA01b, Ixa01, CCRA05]. relic [BBPS02, BBPS07a, BBPS07b]. Remarks [Ano04-56, Ano04-57]. remembrance [Ano04-45]. remote [BCD+01, BK06b, DSH02, DSHH05, FGV01, SEC04b]. removal [Hor09]. Renner [HC08]. renormalization [Alv09, CC04, FLO06, MI05, WN01, Zit09]. renormalization-group [WN01]. renormalized [PKKM02]. reordering [TC06]. reorthogonalized [BSTC05]. RELOS99 [FFD00]. Replica [PLS09]. Replica-exchange [PLS09]. replicas [HS01b]. Reply [AA01b, LHC02, WLW04]. represent [FA00]. representation [BDBV12, DBR+02, KKK06, Mas05, SHW01]. representing [GFG+06]. repressor [CDFF05]. repressor-DNA [CDFF05]. repulsive [DKC08, LMM+08, Sea02a]. required [ADE+02]. research [ADE+02, LAMH06, TWY09]. residue [Nat08]. Resistive [SG01, Pet04, SPP+04]. Resolution [BW08, ABRS12, BVY05, BADC07, GKM+00, JC01, KKF+04, Ros04, WBB04, ZDKG05]. resolve [YNK05]. resonance [BvG02, CLL+07, HD04, KS01, LCS07, VT00c, ZPB09]. resonances [BS00a, KBV09, KM00b, MMMM00, SBM09b, TSB+05]. resonant [Sal03, Wan05a]. Resonating [CYAS05]. resources [ADE+02, Ano09s, BLM01, CDH+06]. respect [AS03, CGVA09b]. response [AK03, FWP01, Liu07b, NP01b, NM01b, YG09, ZS07, Zha01]. resulting [Inu07, VS06]. results [All01, ACC+01, HDG07, Luo00, MCL05, MP05, Yos01, You05]. retarding [SG04b]. retirement [Bur01]. retrieval [OPB+09]. Reverse [OPO+08]. reversibility [ISSB01]. reversible [Sta00]. Review [Bre01, Hoo04, Koc02, Laf03, Par04, Sha04, Vio04, Wan00, Ano00a]. Revised [NHF06, AH03, FF00]. revision [Ano00z, SM04, SM06a, SBM09a]. revisited [LIR+06]. REVLD [BLS09a]. Reweighting [dSL02, VMMB02]. RF [Ell08, WJW09]. rhad [HS03]. RHD [DPG06]. RHEED [BD06, Dan05a, Dan05b, DS06, Dan07]. RHEEDGr [Dan09a]. rheological [DGR09, TiTD01]. rheology [HCO01, MDT03]. RHIC [BNO+01]. Riccati [Koc02]. Riegeom [Por00]. Riemann [MGY08, SWFL00]. right [BV00]. right-hand [BV00]. Rigid [EE02, CCBL02, HSS+08, VPNW02]. Rigid-body [EE02]. ring [BJ02, Man02, NY07]. ring-opening [BJ02]. ring-shaped [NY07]. rings [Man02]. Risebro [Laf03]. rising [WGS00]. Rjaseekar [Par04]. RKN [Wu10, Fra07b, YYF09]. RKN-type [Wu10, YYF09]. RLW [Zak01]. Robust [GKM+00, Tót06]. rods [JBS08]. role [AFK+07, BK01, CRS01].
Rome [Org01]. ROOT [ADD03, Ano09t, WCH09]. Roothaan [MW01]. Rosen [DDM07]. Ross [Bat03]. Rostoker [SJ02]. rotating [ATF09, CC07, Yur02, ZZ09]. rotation [Goc04, KLTH04, LVH07, MT00, PFG06a, TKB04]. rotation-vibration [TKB04]. rotation-vibrational [MT00]. rotator [Bow02]. rotor [BBOY08, CCBL02]. Rototranslational [QCL05]. round [JC08a, WN01]. round-off [JC08a]. Routes [SBD05, VEG08]. rovibrational [Bac00, CCBL02, CNMC09]. rovibrationally [LDBG08]. RT3 [HC08]. rules [FKAM05, HvHHM09, Kim03, QCL05, Sem09]. Run [ABC01, BGLLW01]. runaway [EH03, SMSE03]. RunDec [CKS00]. Runge [VAMVR08, ASVA00, BT01, CFMR08, Fra02, KMS09, MVJ09, PAS09, Van05a, Van05b, Van05c, VIV01]. RunMC [Che05]. RunMC-an [Che05]. running [CKS00]. Runwien [dlRL09]. Ruth [OMF02]. Ruth- [OMF02]. Rydberg [KB02, NW02a]. Rydberg-excited [NW02a]. S [Par04, MM08]. Saha [RMK05]. Saleri [Sha04]. salt [CCFG05]. sample [Nap09]. samples [Nap09]. Sampling [AL08b, GW01b, Asc08, BL05, LWLL07, PM02, SR01b, TBZ12, TMN01, VPNW02, WL08, Zim05, vE08]. SANcnews [BBK07]. SANCscope [AAB06]. SANCscope-v.1.00 [AAB07, AAB+06]. Sand [PAD09, OML09, EFG00]. satisfying [YSM09]. saturations [Lüt04]. saving [FNR06, FNR07]. Savitzky [MAM00]. Sax [MSB09]. Saxon [MAM04, MAM07]. Scalability [TCY08, PHF+07, SKNV01]. Scalable [LB09, OCK03, OCK+00, SKNV04, SOAW08, BDLT02, FKP03, FS01a, LL00, iNKNV08]. scalar [Fe08, FT08, FBB01, GF02b, NN09, Sav01]. scale [ABOSPG09, ABD05, BVY05, BMS+09, DEB04, EH07, FK00, FTGG07, HMM+09, HJ02, KMD+02, LC0+00, Lee04, LOC05, LM02b, MC08, MDC09, iNKNV08, OCK+00, PFG06b, REAB08, Rap08, RCG05, SJ02, SAG+02, Swi04, TPY03, TIM07, TIM08, THC07, ULA02, UJSW06, Vor02]. scaled [NM03]. scales [HM00]. Scaling [CR05, BJ08, BM01, BS04b, BM01, BSVDD02, Cha00, CM01, DGAG06, FG04, Gao03, GDAG05a, GDAG05b, HBW05, HP02, HMM09, KF05a, SKNV01, SKNV05, SJ02, WC00]. scan [Bre05]. scanning [Bre05]. scatterers [DWO1]. Scattering [DEW01, KM00b, PP09, ACIZ07, BP08a, Bel01, BCG03, BG01, CGG00, Cha07, CAW00, CY01, Di 02, DEW00, DW01, FL01, GSS00, IBM03, LCB+00, LPRS02, LPR04, L01, LZ00, LDBG08, MB03, MNY00a, MNY00b, MGG08, MFV07, MNH01, MN01, PCC01, Pis00, RMLB01, RS00, SSPM05, Sal03, SJ05, SBM09b, SC00, SNBB02, T01, Ton07, VT00b, WK02, WV04, ZDKG05]. SCELib [SM06a, SG00a, SM04, SBM09a]. SCELib2 [SM06a, SM04]. SCELib3.0 [SBM09a]. scenario [Huj05]. scenarios [NK07]. SCF [AKG02, Cha00, CWSH08, Dup01, FKG00, REAB08, dMBC+06]. schedules [ZA01]. Scheme [DK05, AEE05, AC05a, Cap05, CPS00, Cha04, DSG06, Esi01, FH00, GLL+02, HDG07, HL00c, HS07, KG07, LBPS09, LMC+03].
LHS+06, yMS01, MZB+04, ML06, OK06b, PC08, ISX05, Sev00, TYN02, TNY00, UTO09, UNK12, WHJ06, WS09a, WTW04, ZZH09, Zie05. schemes [BH03, BP08b, CMT00, CMT01, ID09, Suc02, TQ03, VCF+04]. Schrödinger [ACK05, AKZ00, ASVA00, AKS01, AKS02, AK07, BK06a, CKJ09, CMK+03, DGS09, GH00, GNZ+09, Im07, Ixa02, Ixa07b, JK08, JC08b, KMS09, KBV09, LVV04, LVV06, LRI+06, LIR+06, LVV07, LB00, LY05, LCB07, Nur04, PSV00, Riz02, RLV+08, SZ00a, SW09, Sim00, SW00a, SVA03, Sim09, SM02, SFS09, Sug01, SQ03, UK02a, UYK+04, Vau05a, WGDZ04, Wan05a, WC05, WS09a, WT01, XSC09, XZ12, YB02b, Zak06, dHV08]. Schrödinger-solver [BK06a]. Schur [CD01a]. Schwarz [Lus05]. Schwarz-preconditioned [Lus05]. Schwinger [AHS09, CHM00, MAa06]. Science [MRF+05, BM02a, CSZ+07, Gun02, Haf07, MS05b, OLX07, Tót08, Koc02]. sciences [Han00, SBM02]. scientific [BBD+09, BC07, BD06, Cap05, Dan09a, Dan09b, Esq04, MSK+02, MA04, MA08, NJ00, Nil07a, SJDC07, ZC09, Sha04]. Scientists [Bre01, Mal00]. Scilab [BBJ+08, BFB+09]. scintillation [RCGC00]. scintillator [FWP01]. scission [RLV+08]. scission-neutron [RLV+08]. scope [KYO7, SBCZ08]. scrape-off [KYO7, SBCZ08]. screened [HJZ09, OS03, SJ02]. screening [MLG+01]. script [HL08b]. scripts [BS06a]. SDECAY [MDM05]. SDH [MBC+09]. Search [GOG00, CCRA05, Nak07, TLP04, TL06b]. searches [VPP+12]. Searching [Sus01, qX08]. seawater [VS06]. Second [MVJ09, Poi08, Poi09, BB04a, CIC+03, FMG00, Goc04, Hoo04, WHJ06, YM03]. Second-order [MVJ09, Poi08, Poi09, WHJ06]. secret [AEEdR05]. section [AIOST03, Pap01, SMB09b]. sections [BS03, Cip07, Cip08, Cip09, HSGBK08, Hor09, Kol09, LDBG08, MOC03, Nik03, OMC00, Sal03, Yos03, Yos07]. Sector [BBK+07, ST09, MN01]. Secure [DBE+04, AEEdR05, TYW09]. security [LMC+03]. sedimentation [BS08]. segmental [LM02b]. segments [HSS+08]. SEL [GT04]. SELECTCONF [BKM05]. Selected [BDL00, BN07, DM07, TB87]. selection [BFMH+01, BKM05, CB05, Man02, TS08]. Selective [SPV07]. selenium [Ni01]. Self [BTI01, MMTH04, Pet04, SOS01, BR01, BA09, BNSY02, CD05, CHL05, CGVA09b, FK00, GGG01, Jad00, Jen01, MR06, NT05, NYH04, PHKL02, Pit05, SJHY07, SBBM04, AU+04, VP09, WLR+08, WH00, ZSK+04]. self-adapting [Jad00]. self-adjointed [CGVA09b]. self-amplified [SJHY07]. self-assembled [BNSY02]. self-assembly [NT05]. self-avoiding [Jen01]. Self-consistent [BTI01, PHKL02, WH00, ZSK+04]. self-consistent-field [Pit05]. self-diffusion [WLR+08]. self-energy [FK00, GGG01, MR06]. self-focusing [SBBM04]. self-gravitating [CD05, VP09]. Self-gravitational [MMTH04]. self-intersecting [BR01]. self-organisation [SAU+04]. self-organization [NYH04]. Self-organized [SOS01]. self-propelled [BA09]. self-similarity [CHL05]. semi
[AAC06, ADG08, BBC01b, BFB08, BGS04, CRS09, DDEM00, FBB01, LBPS09, ML06, ON08, UNK12, Ida02, TYN02]. semi-analytical
[AAC06, BBC01b]. semi-classical [BFB08]. semi-core [ON08].
semi-implicit [ADG08, LBPS09, ML06]. semi-Lagrangian
[BGS04, CRS09, ML06, UNK12, Ida02, TYN02]. semi-periodic [FBB01].
semi-structured [DDEM00]. semiclassical [BFB08].
semi-core [ON08].
semi-implicit [ADG08, LBPS09, ML06]. semi-Lagrangian
[BGS04, CRS09, ML06, UNK12, Ida02, TYN02]. semi-periodic [FBB01].
semi-structured [DDEM00]. semiclassical [BFB08].
semi-core [ON08].
[Bro07, dO02, JK08, MC09, MPS09, TPYV03, Tod01, Vég04, ZSSA00]. simplex [BSS09, WMNS09]. simplicial [JK08, MC09, MPS09, TPYV03, Tod01, Vég04, ZSSA00]. simplified [MK02]. SimScience [WCGL00]. SIMUB [BS04a]. simulate [BSS09, WMNS09]. simplied [Jad00]. simplifications [Pog05]. Simulated [FHF00, BDG08, CEM08, Sch06a, SOS01, TL06a]. Simulating [BCC08, BMvG00, CCD07, CMK03, MMEH08, Mul05, OGKL02, RRHD08, Bae04, CKV04, CHP04, DHBE05, EE02, KF01, KNY05, MKb05, NY08, PY08, SWP03]. Simulation [BDHP08, BRB09, EH03, FSK04, HK02, HGL+05, HTL+03, HLW05, JH09b, JBA05, KT04b, LLY07, LHMB00, MLPT08, OSK04, PS08, RF05a, RF06a, RF07, RF08, TIM08, TdFK00, Var02, VK09b, WGS00, WRMG05, YZD+07, ZPB09, ZM00, ACIZ07, AdIT03, All05, AH03, Aok01, ASC+05, BDK+06, BCCM03, Bar00, BB04b, BDB+08, BR09, BT05, BMvG00, BDF+08, BS08, Bur02, BDV04, CW02, CMS04, CGC+09, Che05, CGLA07, CSC+07, CSC+08, CSC+04, CAAM08, CL02, CIT07, CLL+07, DDD+01, DJ04, DMR02, DDM05, DVG05, DEX+04, DSC06, EB04, EHHH01, EHHH06, Es01, FMD07, FP01, FL01, FS02, HD04, HY07, Har01, HL00a, HMY+02, HLO0c, HJM02, HL05, Hua09, HKL+07b, HSS+08, HK02a, HS07, IJK+08, IDS+04, IW01, IW02, ICO01, IN09, JAT03, Jen00, JDBT06, JDBT09].

simulation [JBS08, KH01, KPL07, Kar02, KY07, KPS01, KKSR04, KF05a, KRC07, KB00, KK05, Kud09, KNSY07a, KMCS01, LM02a, Lee04, LSO7, LSC07, LbotMC01, Lei02, LVLS01, LLC07, LIT+02, LH03, LZC+08, LC08b, LKPH08, LAMH06, LKC06, Lon07, LMS+02, LL00, LM02b, MR05, MLTC01, Maz00, MVS05, MLF07, MPK00, MMB02, Mil06, Mil07, MKB02, MIM+07, MY01, ML06, MC01, MS09, MABK02, MSH01, NS01, NT05, Nak08, NN06, NYH04, OSK+02, OSK04, OK06a, OK06b, ÖDC02, PKK00, PG02, PP02, PS09, Poi08, Poi09, PY08, Pop03, QTL06, Rap06, RCCG00, Re00, RBF08, RGR+04, SNS01, SM06b, SLL07, SH01, SK05, SLL01, SO08, SSA07, SBBM04, SAU+04, STK+00, Sw04, TLCS04, TMTF00, TK5+01, TtD01, Tod01, TDD04, Tr08, VY02, VBF01, Wal03, WTH+04, WHCL07, WML+05, WRC+04]. simulation [Wil02, WH05, WHL05, XON08, YSM09, YD07, YNS+09, YRR07, Yos00, YvG05, ZLM04, dNK07, TIM07]. Simulational [CMT00, CMT01]. Simulations [Bin02, HM00, LHS+09, LNC+03, RSMK+00, Wes07, An04b, ADBF03, ABS12, BS06a, BA09, BF04, BS02, BB09a, BAC07, Ber02, Ber03a, BMS+09, BCD+07, BDBV12, BMML05, BMH+07, BL05, BM01, BGH+09b, BDYK04, BBK02b, BDM09, BGS+04, BK05c, CZ00, CDF05, COE+05, CDQF07, CLFH07, CDD08, CR00, CW00, CNDC09, CW01, DS01, DMR01, De 07, DGLB08, DMR+02, DD01, DC05b, DUX+09, Elb05, EL06, Eli08, ES09, Esq04, FF02, Fel08, FT08, FFF01, FS08, GCP+02, GBFS07, GLH01, Gre04, GH00, GCD06, GHP04, Haf07, HL00b, He01, HM06a, HBMJ05, HKLY07, HKPL07, HW09, JG09, KBBW02, KCC+00, KMD+02, Kat02, Ker02, KSPT04, KY07, KM08a, KRTZ02, KD09, KK04, KSSH04, KNSY07b,
Lad09, LTA05, LBPS09, LCM00, LSVMW08, LF02b, Lud02, Lüt04, Mak01].

**Simulations**

[MV04, MFF+05, MBKJ09, MHs05, MMTH04, MS08a, MRF+05, MP03, MFV07, MDC09, MER+00, MJT02, Müs02b, NSMO02, NGF+04, NKV03, NBP08, iKNV08, NES01b, OLS+01, OD07, Oka01, OO05, OCK00, OMF03, PHF+07, PM02, PRSB08, Pet04, QRH00, RP02, RLRR06, RD05, RP+05, RJCH00, RvOvV02, SJC04, SPC+05, SEC04a, SLWH02, SWC03, SBD06, SFF04, SBL04, SvAS01, SG04b, SBB03, SPM00, SPP+04, SS05, TAT09, TMN01, THC+07, Tri01, Tsa02, ULA02, Uhl03, UOM01, UOTM03, VKN07, VAH04, VCF+04, WCGL00, WK02, WCG04, WBDB04, WLGX09, Xia01, YWL04, Yos09, ZKASS05, dS03, Esq04, UVLRRC09]. Simulators [HLW05, HKL+07b, CGCS07, CD01b, DMD07, GCK02, MP08, VK09a, Gha05, HKL+07a]. Simulators [BSW+07]. Simultaneous [GFS03]. Sinc [WDB04]. Sine [KS05]. Singer [DDdMS02]. SINGINT [Kau03]. Single [DDMM06, MAM04, MAM07, Dev05, DHS00, FH04, FK00, FS01b, FS02, GSF05, KNSY07b, KFI+01, LY05, PRSB08, ISX05, SG00a, San00, SM04, SM06a, YN05b, YD06, SBM09a]. Single-cell-based [ISX05]. Single-particle [DDMM06]. Single-shell [GSF05]. Single-walled [GSF05]. Singlet [JC01, KJ07, Voi02, Voi03]. Singlet-singlet [JC01]. Singlet-triplet [KJ07]. Singular [Del08, Kau03, KM02b, LC00, PN00, Ram04, Riz02, YZW02]. Singularities [BW08, GSGT03]. Singularity [M101]. Sintered [KEL02]. Sinusoids [CN00]. SiSe [CM02a]. Site [NLC09]. Sites [IW01, IW02]. Sitter [DKV00]. Six [FFK02, Bac00, BHB+09a, BGH+09a]. Six-dimensional [Bac00]. Six-state [FFK02]. Sixth [CFMR08]. Sixth-order [CFMR08]. Size [NFS02, BJ08, BS08, Car07, DGG06, GDAG05a, GDAG05b, HBW05, MDS09, RP02, SS02b, VBFD01, WV04]. Sizet [RRC09]. Sizes [MM01, MK02]. Skimming [SS09b]. Skin [AAA+00, BBBR04]. Sky [RTVZ08]. Skyrme [BD05, BFH05, DD00, DO04, DO05, DSC+09, SDNR05]. Slab [AH02, KV07]. Slabs [JTS+06]. Slavnov [PTL04]. Slavnov-Taylor1.0 [PTL04]. SLC [JWW00a]. Slender [IL07]. Sliding [HOT07]. Slip [MS05b, SGK09]. Silt [BDHP08]. Slow [AAM+01, Yos03, Yos07]. Slowing [CM03]. Slowing-down [CM03]. SM [JKW06, JKW00]. Small [CGG00, TIM07, Al09, GF02c, MVS05, ZDKG05, TIM08]. Small-angle [CGG00]. Smear [HK02, KT04]. Smearing [Dür05, Dür09]. SMMP [EHHH01, EHHH06, MME08]. SMMP-open-source [EHHH06]. Smoluchowski [Kos05]. Smooth [FMD07, OD07]. Smoothed [BBBD06, JHH00, KNY05, TE05, VKB09, BTS06]. Smoothing [Dem03, Dem06]. Snow [MYJY01]. Social [KOS+09]. Sociophysics [Sta02]. Sodium [BCP04, Kur02]. Soft [HSS+08, KPS+01, LAMH06, PJSK08, SSLN02]. Soft-core [HSS+08]. SOFTSUSY [Ali02]. Software [BG01, Org01, SMZ05, AAG+04, AEB02, BBB+01, BO+04, BN07, BBJ+08, BF09, CNMC09, Che07, EHHH06, Esq04, Gha05, KVR+00, MP03, OPB+09, PFPB+09, RC04, RMMP02, SC04,
Teh01, TV07, THC+07, TYS+00, VPP+12. softwares [LL07]. solar
[KL01, RTVZ08, SLC09]. solenoidal [YSM09]. solid [BDM09, CGC+09,
CC08, FFF01, HKK+01, HFN03, ICO01, JKKT00, KM01a, KK05, LÄT04,
MM02, Mis02b, dIRBP09, RCG05, Ste05, WMNS09, YT01a, Yok09].
solid-state [dIRBP09]. solidification [NW02b]. solids
[ADS06, BFL04, MPK00, RR05, SMB02, THM01, YG09]. Solitary
[KL09, Zak00a, Zak00b, Zak01, bLpL02, pLbL03, Str01a, YB02a, Yan03a].
Soliton [HNS01, GI09, YB02a], solitonic [GT01]. solitons [BZ00].
solute [MLF07, NJ01]. solutes [LBM05]. Solution
[BFH05, DD00, DO04, DO05, DSC+09, LRI+06, LIR+06, Liu04, NT04,
SZ00a, SR05, Var08, Yao09, AP04, AMP+00, ASVA00, AKS01, AKS02,
BD05, BTO05, BV00, CC04, CFSK01, CBF+04, CRS09, DGLS09, EMJH03b,
Fij99, Fij00, FS01a, FS02, GBC+04, Hui05, Ixa02, JBBR01, Kas00, Kos05,
LvV06, LV06, Li03, LC00, MM04, MP01b, PAS09, PSK01b, RIB01, Riz02,
Sho04, Sho07, Sim00, SVA03, Sim09, SDNR05, Sug01, TKP06, Van05a,
WGDZ04, WC05, WDHE04, WW06, ZSK+04, ZDKG05, Zie05, dA08].
solution-adaptive [Zie05]. solutions
[AA08, AK07, AK07, BZH04, CC09, DKV00, EAU05, EELZS04, FRd09,
GT01, GI09, HNS01, HL00c, HJZL07, bLpL02, LL04, LJ08, LJ09b, pLbL03,
LL08, PAS09, Rib02, SW09, TD03, UK02a, UK02b, UYK+04, VBC07, Yan02,
YB02a, Yan03a, Yan03b, Yan03d, Zak06]. solvable [HNS01]. solvated
[BBS02]. solution [BLS05]. solve
[CTG01, DKMF03, GNZ+09, LVV07, OGWH03, PS08, TS06, Tol02]. solvent
[BDH+05, CCD07, GSM+03, LH02, iVPG08, XD08]. solver
[ADG08, AEB02, BK06a, EST00, FS00, HCH+06, Ida00, Ida03a, Ida03b,
KA04, MB04, MOS00, MOS01, PCV06, QR01, QG04, TP01, WPL02,
WRC+04, XON08, Zie04]. solvers [Bra05, FS03]. Solving
[BB07, FS00, IH09, IHRAR09, JS06, KEM+01, LOCJ05, Ma06, SHV+01,
XSC09, Zim05, ACK05, AK03, BSO+04, CJ09, Den08, FBL00, Fra07b,
GSG03, HHWH07, JK08, KA09, LY05, LJ09a, MZB+04, MK08, MP01b,
NJ01, PMG07, PAD07, PKST03, PSV00, RAS09, RE09, Ras17, SBR03,
SZ00c, SM02, Str00, FS090, TPY03, UNK12, WS09a, WYX09, ZD12, YZ02].
Some [BKMO2, FGR06, JS08, LZ00, Lu000, MA08, Bor02, BCV03, Hib01,
MSD08, Roy09, Van05a, WSB04, Wen01]. sophisticated [Gre07, MM09].
sorting [REA08, REA09, YWLC04]. soundings [AdIT03]. source
[ABNA05, CCL+07, EHHH06, JP09, LCG07, MTL01, MSB09, SJHY07].
sources [DDEM00, DW01]. Space [AC05a, BD05, Bre05, CC04, DC05b,
DKV00, FPB08, FMMQ08, FER+07b, GBFS07, GBM02, GW01b, GHP04,
Han00, ISS01, IM01, Jia08, KM00a, KM01b, MSH02, MSH02, Nak08,
OSK+02, Pap01, PRBD09, RLH+09, SKNV01, SKNV05, SW00b, SMH+01,
SRR+00, SSB03, TKS00, Trö08, XON08, YT01a]. spacecraft [KTG04b].
spaces [PL05, SH06]. spacetime [Rib02]. spacetimes [BF1+00, Vui03].
SPA1 [SBD+06]. Spanish [MBC+09]. Sparse
[RLRR06, BN07, BMG01, Cha00, DM07, EFS+08, FM03, GHP01, MYC09].
sparse-blocked [Cha00]. sparticle [EH06, EH07]. spatial
[EELZ04, GKM+00, HTM+08, KMR+09, SBD+06, ZBB+06]. spatial-grid
[WMNS09]. Spatio [RDS02b]. Spatio-temporal [RDS02b].
spatiotemporal [GLW03]. Special [iSHS+08, SMS+00, SHI02, CPT+01,
IOM00, Mak01, SHH+04, SIE04, Tho01, Van05a, Wen01]. Special-purpose
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species [DHS00]. specific [CGC+09]. spectra [All02, BB04b, BKM02,
GCP+02, HSSA01, Jia08, JC01, KJ07, MK05, MKJ+05, MM05, MM09,
Por03, RC04, TKB+04, TK09, WCBN05, vHLP08]. spectral
[BP08a, CCBL02, CJC09, EVL00, FS01a, HDG07, Hua09, LBPS09, MM05,
PKST03, She03, Z00c, TPYV03]. spectrometry [ISS+02]. Spectroscopic
[GZF04, CDD08]. Spectroscopy [Veg04, EST00, KSTL03, MB05b, WCBN05,
ZPB09]. spectrum [DKM07, GIME02, RDSS01a, Sol01, VT00a, Wan06a,
Wan06c, VT00a]. Speed [GGL03, TIN+09, GCD06, iSAK+08, SLL01, TCFO0].
Speed-up [TIN+09]. SPH [JOS07, MDH04, MC09, MK09, SM06b].
SPheno [Por03]. sphere [PP09, SA09, SWFL00]. spheres [BDH+05, JBS08].
spherical [Bal07, BK05a, BD05, CRW09, CMT01, MP05, OSK04, OK09,
RSMK+00, RJFB08, San00, Tal09, IFF01]. spherically [AG05, IW02].
spherically-symmetrical [IW02]. spheroidal
[CFKM01, Hua09, Kir06, LKC06]. Spin [CY01, NH09, You02, BCC+08,
BDLT02, BR09, CSM02, CPT+01, DKC08, Doo09, Flo09, GF02b, Goc04,
HG02a, JW02, Kat02, KK01, LCV06, LDBG08, NSMO02, OTY02, PS08,
PMV02, RD05, RLU00, SH06, SS06, TEP09, YD07, You05, ZPB09, GS05].
spin- [DKC08, PS08]. spin-orbit [TEP00]. spinor [MM08]. spinor-helicity [MM08].
spins [DDD+01]. spline [FZ09, NM03, TD03, Zat06]. splines [AC09, Nik03].
split [CA07, MK08]. split-operator [CA07]. splitted [Zak01]. splitting
[GLP03, SG06]. splittings [AJ08, JG02]. Spontaneous
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spring-block [EM08]. Springer [Hoo04, Koc02, Lao03, Par04, Sha04, Vio04].
Springer-Verlag [Hoo04, Par04, Sha04, Vio04]. sputtering
[HI01, SZ00b, Sev00, WSB04]. squared [KT04]. squares
[Dem06, JC07, TD03, WWF08]. SSNT [PB107]. SSOR [GH00]. SsTools
[KW07]. Stability [Van05c, ATIO06, ATF+09, FG03, SHW01, SH+01,
She08, Sim09, TMN01, UVLRC09]. Stabilization
[VT00c, bHL07, Nur04, TCF00, WZH06]. stabilized [BLS09b, MVJ09].
Stable [MNH01, P08, RB00, SW00a, WW05, Wan05b]. stabilly [LCM00].
stack [Sch08]. stacks [LMS05]. stage [KKS04]. stages [LAF01].
Staggered [KNT08, Cha04]. stair [Ver04]. stance [ZSdD+08]. stand
[DGR09]. stand-alone [DGR09]. Standalone [TP01]. Standard
[FK00, FIJ+03, HS02, Ano07-31, JS08, LPC+04, GFF01]. standing [BB07].
Star [BCP04, EKW09, HBR05, QTMH07, FFPW01]. star-image
[QTMH07]. stars [BLCR05, CDQ07]. starting [FFF01]. State
[BRB09, RPY07, AMP+00, Bac02, Bat03, BM04, BKB02b, BDM09, BCH05, CBBJ02, CWSH05, DCND09, DC07, FFK02, FFF01, FV02, HSGBK08, HG02a, KSS02, LÅT04, LEG02, MC03, MHGV09, MHS05, diRBPL09, PRBD09, SH06, SVP09, SJF07, Wan05a]. state-history [MHS05].

state-to-state [HSGBK08].

states [BBB09a, BM06, BH03, BJ05b, CRS05, CWW06a, CWW06b, DGV08, GF06, GLMADB02, GPT08, HC08, JWW06b, KB02, KN07b, LJY07, LR07, LVLS02, LHMBO0, MT00, OvSA02, ON08, PK00, RF08, RDF02, Sav01, TNG00, YN05b, Zhou01, ZSAA00, dO09].

states-computational [KB02]. STATFLUX [GMAN+07]. Statics [KB02].

statistical [LMM08]. Static [BKB02b, QCL05, Ver00].

stationary [TLCS04, Bae03, DGV08, WDHE04]. Statistical [TSB05, ASJ03, Ano09a, DSS01, GMAN+07, GGL02, ISSB01, JGJ09, Nov02, PJSK08, BM06, BH03, BJ05b, CRS05, CWW06a, CWW06b, DGV08, GF06, GLMADB02, GPT08, HC08, JWW06b, KB02, KN07b, LJY07, LR07, LVLS02, LHMBO0, MT00, OvSA02, ON08, PK00, RF08, RDF02, Sav01, TNG00, YN05b, Zhou01, ZSAA00, dO09].

step [BCP04, Ber03a, DWZS05, FLO06, HDGM07, Ida03a, Ida03b, IVD03, MA06, Sh07, Ver04, WGDZ04, WW05, WC05, Wan06a, WTW04, ZHZ09]. steps [KV08, NR01, SSH02, Sh04]. stepsizes [WDHE04].

strain [BSO04, HTA08]. strained [Kim07]. strains [LTT09]. stranded [VYK02].

stock [LLH07]. Stokes [ICT01]. Storage [BN07, Ano09a].

structure-preserving [LB04]. strongly [AV09]. STROTAB [KJ07]. Structural [Bl09, EMO09, KAC07, TBR07, Iwa01, ZBB06].

structure [GF02c, HO04, Mor01, AAA00, AJT07, ASH06, AJ08, BD08, BT01, BB00, BM01, Bro07, CPV08, DHS00, Fro00, FTGG07, FS01b, GF06, GHP01, GOH06, GB03, HC00, HTM01, HJM02, JHFG07, KFJ09, KLM00, KPF03, KNSY07b, LTG09, LOY07, LC08b, LB04, LZ04, MS06, MSB09, MWA01, NSK01, New02, Oks04, Oka01, PFG06b, PKS01, QASF05, RB08, SH01, SG04a, SH06, SM02, SHX02, SKV01, SN07, SMH01, SKH02b, SYM00, THM01, Vos06, WKP01, Yos09, ZF09].

structural [BR01, BK05]. STRINGVACUA [GHI09]. strong [ACK05, CBX02, CWSH05, KLD04, Kul02]. strongly [AV09]. STRORTAB [KJ07].

strata [BB07, Cle05, FLO01, GCP02, HKK02a, HKK02b, LO08, LTT02, LY05, LTT09, LF02b, LLLZ01, NMI01b, OGG07, OBG09, PMV02, RRCV09, SLC09, SOAW08, Str01a, TMM01, VS01, WP00]. Student [Ano04a]. studied
[Bur02, HTM$^+$08, MSH01, RvOvV02]. **Studies**
[BS04a, BJ08, BJ03, CCG08, CSC$^+$07, CSC$^+$08, Dom05, FMD07, HKK02b, LMS$^+$02, MV$^+$05, Min01, Rap08, iTKST01, WM00]. **Study**
[LDZ$^+$08, PSK01a, PSK01b, RLU00, iSAK$^+$08, SGF04, SS04, TAM04, AGJ07, ABOSP09, ADE$^+$02, BJ02, BZ00, Bor02, BB$^+$08, BFB$^+$09, BCV03, CRPC08, CH09, DELG05, DMR01, DC05a, DGR09, DH00, FGV01, FS01b, GAR05, GW01a, GDAG05a, GDAG05b, HGVCM$^+$02, HM06a, HTA08, ISH01, KEL02, KL07a, KNSY07a, Kur02, LWT08, LN01, LNK01, MCC05, PRRK07, PAT$^+$09, RIB01, RG05, RCG05, SS07a, SMSE03, SK08, SWL09, SVP09, SGM$^+$09, SHJ07, SS09b, SSLN02, TYS09, WSCW09, YD06, YC07, YRR07, YKK07]. studying [GHIL09].

Sturm [CGVA09b, LVV04, LVV09].
sub [GS01a, QTMH07, SLC09]. sub-membrane [GS01a]. sub-pixel [QTMH07]. sub-wavelength [SLC09]. subgrid [Ker02]. sublimation [WSB04].
submonolayer [AFP02]. subroutine [Tal09]. Subroutines [WSB04].
subspace [SMZ05, ZSM05]. Successful [AS03, BB04a]. such [SSPM05].

sudden [PCC01]. SUE [CPT$^+$01]. suggestive [Niu00]. suitable [SI01].

suite [SU09, SBM$^+$04, SS04, TKB$^+$04]. sulfor [MSH01]. sulfuric [CT07]. sum [QCL05, Sch06b, SF06]. summation [AH02, Har02, LHC01, LHC02, MU06, TZZ06, Wen01]. sums [Bek06, Bli04, Bli09]. sunrise [CCGR09, PR06]. super [Bar04, KW07].

super-heavy [Bar04]. super-systems [KW07]. superbursts [NBPG08].
Supercomputer [Yos09, CD09a, CFH$^+$01, FMD07, FDM07].
supercomputers [BAD01, CD08, CBM$^+$05]. supercomputing [MSK$^+$02].
superconducting [KW03]. superconductivity [GOG00].
superconductors [VS01]. Superconvergence [LCH09].
superfield [Fer07a]. superfluid [Yos09, Yos07]. superfluorescent [MTLC01].
superheated [KNSY07a, Ste05]. SuperIso [Mah08b, Mah09b, Mah09a].
superlattice [GVMW04]. superlattices [JK01]. supernova [SBD$^+$06].
supernovae [HRN00]. superresolution [KSTL03]. Supersymmetric [DKM07, FIJ$^+$03, HS02, AI02, LPC$^+$04, MDM05, Por03]. supersymmetry [Mah09a]. Suppressed [NLC09].

Surface [KNSY07a, LS02, LAF01, BVY05, BB07, BLR05, BH08, BH01, BDH$^+$05, CW02, DEW01, DVL$^+$02, DVL$^+$04, EG09, HYY07, KPS$^+$01, Kim07, MBA02, NP01b, OLX07, SHV$^+$01, TCO00, WSB04, WMNS09, XSC09, ZHC00].
surface-controlled [BHDP08]. surfaces [ATP01, ABV02, BM01, BT$^+$02, CI$^+$03, GGG01, GBM02, GI01, Har01, HG02b, Hin00, Ida00, Ida03a, Ida03b, Ing01, KM01a, KMB02, LNK01, LTV09, MFS06, NSY02, NP01a, PCC01, Ple02, RON01, SSS02, SRO1, TAP01, TGB01, Ts02, YG09].
surrounding [LY05]. survival [SSH01]. susceptibility [VEG08]. SuSpect [DKM07]. suspended [IC01, KH06, RSMK$^+$00]. suspension [DHB$^+$04].
suspensions [SF05, UVLRR09, WDF$^+$02]. Susskind [CAF$^+$03].
sustainability [FKM09]. sustained [FKP03]. SUSY [Ano09u, FIJ$^+$03, Hah09, Por03]. SusyBSG [DG08]. SusyMath [Fer07a].
Suzuki [OMF02]. Suzuki-like [OMF02]. swap [MHR\textsuperscript{+}07]. Swendsen [DGA06]. swimmers [PY08]. swimming [Rap08]. switches [Del03]. switching [OD08]. SX [EL04]. SX-6 [EL04]. Symbolic
[Ada04, BGH04, KH01, KH06, She08, UTKF05, Wei02c, qXbL04, CRUV00, FDO3, GT01, Hou04, MU06, Nin00, Pee07, SH05, TV07, qX08, Yan02]. Symmetric
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KLD04, Lei02, LDZ08, MTJ02, NH09, PP02, Zha00. temperature-driven [PP02]. temperatures [DS01, FS01a, Kat02]. Temporal [RMK05, RDS02b].
tens [HHM09]. tensile [Kim07, LTT09, MDH04]. tensile-strained [Kim07], tension [NL07, ZHC00]. Tensor [BH01, BGH09a, Bre07, GMB02, MP04, MPGM07, GYPM08, MG08b, Por00, RY00]. tensor-trick [RY00].
tensorial [HHL06]. term [SVA01]. terms [AA08, Dzu09, HTM08, KKS04, MYC09, RMWH01, Yao09]. TERS [Nat10, Nat09]. test [BJ05b, DVG05, GCP02, KH01, MTJ02, OML09, PFPB09, SKNV01, qXbL04, qX09, ZLL09]. test-driven [PFPB09].
TESTER [GPW04]. testing [WL08]. tests [ABC01, BL00, BFI00, JW02, TIM07, TIM08]. tetra-atomic [HGVCM02].
tetra-atomic [HGVCM02]. tetraatomic [KLTH04, MP04, MGPM07, MGYP08, MG08b, Por00, RY00].
tetrahedralizations [SMH04]. Tetrahedron [Zah04, Zah05]. Tetratomic [TAP01]. text [diRL09]. text-based [diRL09].
theta [AKZ00]. their [BSB02, CGVA09b, CN00, Gro01, KCH00, LC01b, OS00b, YGT02]. them [Ort00]. theorem [CT00]. Theoretical [CS07, LNK01, Lee04, ASJ03, BL00, Bre05]. theories [AVL05, Di02, MG09b, Tri05]. Theory [Rom01, ARV02, ALN01, BB09a, BSK03, Cha00, Cip07, Cip08, Cip09, Dzu09, Dot05, Gut06, HMM09, HLC08, JC07, KTT09, KHO09, LC09, MBR01, NP01a, OSK02, PKSF01, Poo07, QP05, RF04, Sem09, SKNV01, SKNV05, SMK01, WWF08, Wil09, dIGGS05, vHLP08, MG09c].
THERmal [KTBF06, IK00, CT00, DHO00, HSO1a, LLLZ01, RP02, Sat02, TCF00, WSB04, WCH09]. Thermally [RLU01]. THERMINATOR [KTBF06]. thermionic [LLZ01]. Thermodynamic [RS09].
Thermodynamics [BDH02, BFL04, TNI07]. Theronuclear [HRN00, BSW07]. thermostats [BP08b]. THERMUS [WCH09]. theta [Sch05]. thickness [CAW00]. thin [BDV04, Dan05b, LTT09, Mi02, NT04, SLMW02, TAT09]. things [Ort00]. thiols [SPV07]. third [MKS07]. thousands [CR05, HHM09].
threaded [LbotM01]. threading [NJ00]. Three [CSC07, CSC08, CHM09, IH01, KKF04, PKRK07, QG04, RG04, BCBJ02, BDMM05, EELZ04, ES09, GBC04, HKPL07, JK08, KNT08, KSS02, KL01, KK01, KM00b, Kr05, LVLS02, LZR06, LHS06, LEG02, MMTH04, MOS00, MOS01, NYH04, OvSA02, PSK01b, SMH04, SBJ05, Sch06b, TRGR08, TMTF00, Tak03, TND04, TND05, TY01, Vos06, WW05, WHJ06, WTW04].
three-atomic [KM00b]. three-body [LZS06, LEG02]. Three-dimensional [CSC07, CSC08, CHM09, IH01, KKF04, PKRK07, QG04, RG04, ES09, KNT08, KK01, Kr05, LVLS02, LHS06, MMTH04, MOS00, MOS01, NYH04, SBJ05, TRGR08, TMTF00, Tak03, TY01, Vos06, WTW04].
three-grid [Sch06b]. three-quark [OvSA02]. three-step [WW05].
Threshold [FHF00, HOT07, HTM08]. thresholds [Lut04]. Thrombosis [OCS08]. throughput [SBM09b]. thruster
CMS04, CSC+04, KB04, TLCS04. **TiC** [ZLM04]. **tight** [CR00, OD'C02, Ver00]. **tight-binding** [CR00, Ver00]. **tilt** [LVH07, ZS03]. **Time** [FS01a, HGVC07, Mei01, AOT01, BB04a, BMSG01, BC05, Bow02, BK05c, BSK+03, CRS05, CHS09, CMT00, CMT01, DS01, DKKM03, Den08, DKC08, DC07, DB08, FNR+06, FNR+07, FER+07b, GNZ+09, HDGM07, Hei01, HL05, HZGZ09, Ida03a, Ida03b, ISSB01, JH09a, KM08a, Lee04, LOCJ05, MN01, MA06, MA09, Nak08, NM01b, NN06, Nur04, PSV00, SZ00a, SG06, SOY01, Sim08, SM02, SRR+00, SSA07, TSI02, UJSW06, WS09a, WLR+08, WTW04, ZS07, ZS08, dGGS+05, dHV08]. **Time-dependent** [HGVCM+02, Mei01, BC05, BSK+03, CRS05, DKKM03, DKC08, FNR+06, GNZ+09, MA09, NM01b, PSV00, SZ00a, dGGS+05]. **time-discretized** [DB08]. **time-domain** [CMT00, CMT01, Den08, HL05, NN06]. **time-evolution** [SOYN01]. **time-harmonic** [CHS09, HZGZ09]. **time-independent** [DC07, MN01, SM02, WS09a]. **time-invariant** [BB04a]. **time-step** [HDGM07, MA06, WTW04]. **timelike** [MG09c]. **times** [MSS+07]. **timeseries** [PB09b]. **time** [HDGM07]. **Tinker** [PLS09]. **tip** [CW02, MCC05, ZS03]. **tip-tilt** [ZS03]. **TiReX** [PLS09]. **TiReX** [PLS09]. **Tolman** [Rib02]. **tomographic** [BG01, LVH07]. **tomography** [Bal07, CEM08, GBA01]. **Toolkit** [Mal00, SR09, BFL+01, CKK09, HF00, MOM+00]. **tools** [Di 01, MC01, Org01, SKF05, WSCW09]. **top** [KJ07, Kol03]. **topography** [ES09]. **Topological** [CKLS09, dLBPL09]. **topologies** [RDSS01b]. **topology** [IW01]. **TopReX** [SS02a]. **tops** [JC01]. **TORBEAM** [PPP01]. **torch** [CHL+07]. **toric** [KS04b]. **Toroidal** [Lit04, BDBV12, GS01b, IK+08, KZS+00, Liu07b, SG00b]. **toroidally** [ATF+09]. **torsion** [GW01b, Vul03]. **torsional** [Bac02]. **torus** [FMD07, FDM07]. **Total** [MSHP02, MSHP20, BS03, NRR01]. **Total-energy** [MSHP02, MSHP20]. **trace** [KB09]. **traceability** [BCC+06]. **tracer** [Str01b]. **tracing** [BMSG01, PPP01, Pop03]. **Track** [Bl00, GGG01, GKM+00, GKK+08, JGJ09, NY06, NY08, PB07]. **TRACK_TEST** [NY06]. **TRACK_VISION** [NY08]. **Tracking** [Laf03, iSAK+08, HHCC05, TCO00]. **tracks** [NY08, SWFL00, YFM09]. **trade** [Oli01]. **trade-offs** [Oli01]. **traffic** [CL02, Wal03, ZW04]. **trajectories** [AGJJ07, Elb05, Nat08, ZE00]. **trajectory** [LJY07, MSS+07]. **trajectory-length** [MSS+07]. **transactions** [BD06, Dan09b]. **Transcendental** [MU06, Wei02c]. **Transfer** [Yak01, Bes02, BCR05, DC05a, GDC01, Ger07, Liu07a, RE09, SGK09, Str01b, WH00, Wal03, WH05]. **Transfer-matrix** [Yak01]. **transferred** [CHL+07]. **Transform**
transformation [ASJ+03, FLO06, LL08, Niu00, YN05a]. transformations [GF02a, KEL02, NP00, PZ01]. transformed [Eli05, SDNR05]. transforms [Blu00, Blu09, CR08, Dup01, HC00, KSHP02, MA00, MM05, RB05, SSP08a, Tal09, Tör00]. transistors [CSC+07, CSC+08, LH03, Mam08].

transitions [BJ05a, BDH+02, Bin02, BHM+07, BKB02b, CSCK08, CM02b, FHL+05, JS05, KGM00, KK01, KNSY07b, MCH02, OIKN02, PRSB08, PP02, Ple02, SWL09, SSLN02, YGT+02]. Transition [BR09, AGM+00, BJ05b, CBBJ02, DKK08, FFD00, GAR05, HBM05, JK02, KITK00, KM09, KT07, LJY07, LLY07, LDZ+08, LA09, MSS+09, Maz00, Mor01, OS03, PDA06, Tal07, Wil02, YH02, YD06].

Translational [TK08]. Translocation [LC07, MB05a]. Transmission [Man04, KV07, Nat08, Sch08, SYM00, WP00]. transmission/reflection [WP00]. Transport [ANO04-46, KY07, KMR+09, PMA+04, ABSM04, BDK04, CMD00, CGK+00, EST00, GZ07, ISSB01, KKKC07, Lee04, LLZ01, Man04, MLP07, MBC+09, NKL05, NRR01, PAD+09, PC08, Pop03, QTL06, Ros04, SYN01, SGK09, TAM04, TKP06, Vie01, WTH+04, WML+05, WRN01, Yak01, YNZ+09, Zie05, da08]. trap [CKV04, MA09]. trapped [RLI07]. trapping [NRDHB01, PCA+07]. traps [TS06]. travelling [EELZS04, BLpL02, LJ08, LJ09b]. travel [FD03, Hon04, LL04].

treat [GLMADB+02]. treating [CA07]. Treatment [IM01, Bac02, GKW09, KL01, MMR04, PNH00, Ram05, TJLR06, WC00]. tree [ADBF03, BAD01, BCAD06, FIJ+03, JKCGJ08]. treecode [AL08a, CKV04]. trends [Sch04]. tri [HGVC+02]. tri- [HGVC+02]. TRIAC [PBI07]. Trial [PDM+08, PAT+09]. triangular [BM06, CHS09, HZGZ09, MCLDP01, She08]. triangulation [BSDMH05]. triatomic [HC08, TT06, TKB+04]. triaxial [MAM04, MAM07]. trick [RY00]. trigger [ABF+01, ISSC01]. trigonometric [Sim09]. trigonometric-fitting [Sim09]. Trigonometrically [FSW08, Wan06c, Wan06b, MKS07, Sim08, WC05]. Trigonometrically-fitted [Wan06c, Wan06b, Sim08, WC05].

trimer [Bac02, Ry00]. trimers [GLMADB+02, OBG09]. triode [LC08b]. triplenucc [PAT+09]. triplet [KJ07]. tritium [RCGC00]. trivial [MSD08]. tropical [Mas00]. Trotter [Iwa07]. Trp [CDF05]. truncated [ASF+05, Maa06, WH06]. truncation [Zah00, Zah01]. Tsallis [FH00, Sch06a]. TSIL [MR06]. tube [PCC+09]. tubes [IL07]. tunable [SJJY07, Vor02]. tuning [BB03]. tunelling [MMM00]. tunnelling [CKLS09]. turbid [CGK+00]. Turbulence [Ken02, MCL05, Eli08, GLW03, HDG07, Jen00, KLD04, UXD+09, YNS+09]. turbulent [DVG05, Ker02, RJFB08, Str01b, TIM07, TIM08]. tweezer [HTNBFS06a, HTNBFS06b]. tweezers [HTNBFS06a, HTNBFS06b, TNBSF04, Whi00]. twelfth [WGDZ04].

twelfth-order [WGDZ04]. twist [CC04]. twisted [BDF+08, Jan05, JU09]. twisting [DGLB08]. Two [CLL+07, CNDC09, FHR+05, HW09, ID09].
LCS07, Moh07, STK+00, TDD04, UTC09, Var08, AC07, AMP+00, BCP04, BvG02, BR09, Blü00, CCGR09, CCBL02, CMK+03, DS04, Dev05, DJ08, DHS00, EAU05, EELZ04, FSW08, FK00, GR02, GBC+04, GOG00, GME06, HBMJ05, HJZL07, IHAR09, IVD03, JWW00b, JK08, JKKT00, JKCGJ08, KT05, Kim03, KM01c, Kro05, LS05, Lus05, Mah08a, MR06, Nik03, NYH04, OvSA02, PD08, Pr06, RtVR09, RLV+08, SKH02a, SSB+09, SGF03, Sol01, SM02, TMTF00, TZZ06, TBZ12, TY01, TL09, TdFK00, Ver00, WGDZ04, Wan06b, WS09a, WD04, XZ12, ZY09, ZZH09. Two-body [Krö05, TMTF00, TY01]. Two-center [GME06]. Two-component [JKCGJ08, TdFK00]. Two-dimensional [CLL+07, CNDC09, FHR+05, HW09, ID09, LCS07, STK+00, TDD04, UTC09, Var08, AC07, GR02, GOG00, HBMJ05, HJZL07, JKKT00, KT05, KM01c, PD08, RTVR09, RLV+08, SHS+08, SSB+09, TZZ06, TL09, Ver00, WS09a, XZ12]. Two-electron [EAU05, Nik03, SKH02a, WD04]. Two-fermion [JWW00b, Sol01]. Two-flavor [Lüs05]. Two-fluid [LS05, NYH04]. Two-loop [Blii00, CCGR09, FK00, MR06]. Two-particle [Dev05, DJ08]. Two-phase [TMTF00]. Two-photon [BvG02, Nik03]. Two-point [DS04]. Two-quark [OvSA02]. Two-species [DHS00]. Two-step [BCP04, IVD03, WGDZ04, ZZH09]. Type [CFMR08, CHL+07, CHP04, FSW08, FGMT02, Fra07b, PAT+09, RDDS01a, SPS09, Wu10, WYYY09]. Type-II [CHP04]. Types [BMML05, BSvdDW02]. Typical [De02]. UCLA [DN04]. UCN [Yos07]. UHI [BF04]. UK [Wan00]. UKQCD [All01]. Ultra [HGH+05, Tol02]. Ultrahigh [HGH+05]. ultracentrifugation [BS08]. Ultracold [JKCGJ08]. ultradiscrete [Gl09]. Ultrafast [BSS09, BCH05]. Ultrahigh [WBDB04]. ultrarelativistic [Tom09]. ultrashort [BDV04]. Ultrasoft [HP06, LMM+08]. ultrathin [KKKC07]. Umbrella [BL05, SR01b]. Uncertainties [Con04]. Unconstrained [LAT04]. Undamped [DWZS05, Wan06a, Wan06c, WW06]. Under-relaxation [TCF00]. Underdense [Mah08a]. Undergraduate [Chr00, Guo00]. Underground [Kud09]. Understanding [Bal01, BCHP09, DSL09, Miö02b]. Uniaxial [CAW00, LTT09]. Unification [VPCK04]. Unified [DKMF03, Ram12, Ida00, Ida03a, Ida03b]. Uniform [BCD+07, JTS+06, KV08, KH06, NJ01, WHO02, vHK00]. Unimolecular [FS01a]. Unit [YT01a]. Unitary [MA06]. Units [LSVMW08, AGS07, CDD08]. Universal [BBJS09, LNLK01, Dzu09, GPW04]. Universality [BBJS09, SAG+02]. Universe [BAD01, Fc08, FT08, Yos09]. University [HF00]. Unknown [Fat02, LVH07, SSZ01]. Unpolarized [Vog05]. Unsteady [DM09]. Unstructured [SG04b, CSC+04, LHS+06, MCLDP01, MOS00, MOS01, ISX05]. Updated [Fri09]. Updated [EH06]. Upgrade [Dan09a, SBCZ08]. Upgraded [CWW06a, CWW06b]. UPIC [Dec07]. Upper [SKR04]. Upscaling [Bra05]. Upwind [GZ07, ID09]. Usage [Fra07a]. Use
[CMRS02, MN01, MTJ02, RF04, Swi04, BNFM+09, CFJ09, FdO09, MVS05, MA04, MA08, Nap09, Sal02, SS02a, WH06]. used [BDK+06, PBB+04]. User [MCLDP01, Bar04, BT04, BCKT09, CGC+09, Hor09]. user-interactive [CGC+09]. uses [BDK06, PBB04]. User [MCLDP01, Bar04, BT04, BCKT09, CGC+09, Hor09].

Using [CFJ09, GCD06, KBV09, PMG07, AGJJ07, AP04, Alf09, ASH06, AL08b, ADG08, Bar03, BS03, BDW06, Bek06, BS04a, BR09, BFL04, BH01, CN01, CLFH07, CFKM01, CA09, CMT00, CMT01, Cip07, Cip08, C00, EMJH03a, FKMB09, FS00, GMW04, GMAHY+09, GFP00, GF02c, GSS06, Goe02, GO00, GFS03, Haf07, Har00, HKP02, IH01, ISS+02, IK00, KPD06, KW07, KD09, LdV06, LLT+02, LWLL07, Lik01, LSWMV08, LMS+02, LNC+03, Lü04, MA04, MSY07, MTL01, MO01, MBR01, Mas05, MFVJ07, MA06, MC09, ME00, MT00, N08, ON08, PLS09, PAT+09, RB08, RGD+01, ISX05, SNS01, iSAK+08, Sch06b, SMB02, SLL07, SR05, SFG04, SOAW08, SSP08a, SSP08b, SPS09, SGL09, SM02, SDN05, SSB04, TAM04, TIN+09, TiTD01, TKSR00, TWY09, TdFK00]. using [ULA+02, UVLRRC09, VKM+05, itVPG08, VK09a, VK09b, Vor02, VB07, Vui03, WPL02, WP00, WTW04, qXbL04, qX08, YWLC04, ZE00, ZF09, dDSFY04]. USPEX [GOH06]. Utilities [Fri01, NFH06]. Utilizing [BLM01, MHS05].

v [Kol03, MMEH08, DO05, FIBT01, Har00]. v.1.00 [AAB+07, AAB+06].

v.6.21 [BBC+01b]. v.1.00 [BD05]. v.1.1 [BRdAHK04a, BRdAHK04b, dAK01]. V1.1.0 [vdB08]. v.1.66p [SDN05]. v.1.75r [DD00]. v2.0 [DD00]. v2.0 [Nat01, TGD07, TL08b, Nat09]. v.2.08i [DO04]. v.2.08k [DO05]. v.2.1 [RadGV+00]. v.2.3 [Mah09a]. v.2.40h [DSC+09]. V3.0 [Tó08, Mah09b]. vacancies [CC08]. vacua [vdB08]. vacuum [ATIO06, FS02, GHI09, KTG04a]. valence [CYAS05]. Validation [MC01, BB03, CHL+07, PS09]. Value [HAR09, ASVA00, CFKM01, Lj09a, LC00, PAS09, Ram04, SVA01, WW05, Wan05b, Wan06b]. valued [FH04, HM06b]. vapor [JBA05, MSK+05]. vapor-liquid [MSK+05]. variable [CLFH07, IVD03, LL08, MBG03, SSZ01, Van05c, WTW04, qX09, Yn03d, ZLL09]. variable-coefficient [LL08, qX09, ZLL09]. variable-phase [MBG03]. variables [Str05]. Variant [RK05]. variate [BBBD06, Bel05]. Variation [IN02, NRR01]. Variational [OBG09, FMG00, GLMADB+02, MM01, PAT+09, SM02, Var08, WH00, Yok09]. variety [TLP04]. various [N00]. varying [CAW00, Koz02]. VASIMR [IDS+04]. VASP [Haf07]. VASP-a [Haf07]. Vbfnlo [ABB+09]. Vector [Bal07, San00, Whi00, EFS+08, EL04, Kat02, Mas05, Rap06, ULA+02, WH00]. vector-parallel [Rap06]. vectorised [KSY00]. vehicular [WAL03]. Velocity [HTM+08, BS08, GRS06, HOT07, Lno00, NHS07, SM06b, TKSR00]. Velocity-dependent [HTM+08]. velocity-field [GRS06]. verification [UXD+09]. verifying [GI09]. Verlag [Hoo04, Par04, Shi04, Vio04]. Version [Abe01, BBPS06, HHH+09, Wol03, AAC+06, BLS01, BFB+09, BNF+09, CWW06a, CWW06b, CGVA08, CGVA09a, Cip07, Cip08, Cip09, CGK+00, DS06, DD00, DO04, DSC+09, EH06, FA00, GS01b, HTNFS06a,
HTNFBS06b, JWW00a, JPS+01a, JPS+01b, JS07, JC01, KRW03, KJ07, Mil07, MAM07, Nat09, Nat10, PDL04, Pit05, Pit00, RC04, SYM00, TGD07, TL08b, vH07, BCKT09, Sem09]. versions [BD06, XD08]. versus [AA07, BDHP08, Jan05]. vertex [HBW05, SF06, ZBB+06]. vertex-cover [HBW05]. vertical [LC01b]. vertically [EMJH03b]. very [OBG09, RTVZ08, WV04]. VHF [LCS07]. VHF-ICP [LCS07]. VI [ABV02, DSC+09, GF02a]. via [AF05, BDH+05, DGLB08, HL00c, LZS06, MCL05, Mor01, SFL09, TCF00, TYS+00, ZA01, Zin05]. vibration [KLTH04, TKB+04]. Vibrational [Kar02, Bac02, MT00, RF04, SM02, VCCS05, XSC09]. VicAddress [MSY07]. viewing [Nat08]. VII [FIT03]. VIII [GSM05]. violation [GLL+02]. Virtual [TKS+01, HF00, LKPH08]. Virtualizing [ZC09]. viscoelastic [WGS00]. Vscape [vdB08]. VTF [EFBP04].

W [RP02]. waiting [DS01]. walk [Bal01, GG00]. walks
Wall-Limiter [SZ04]. walled [YN05b]. walls [PLL07]. Wang [BR09, DGAG06, LWT08, LOL06, LWL07, PRSB08, SWL09, WL08, YD07, Zha08]. Wannier [GFS03, MYL+08]. wannier90 [MYL+08]. water [Bac02, CTI07, DN05, EVL00, JBA05, MSS+09, Sho04, Sho07]. WATERWAVES [TT06]. Wave [HTM01, ISSB01, KRTZ02, THM01, AJ08, ADG08, BB07, BS04b, Bow02, BBB04, BDJ00, BKV02, Cai09, CR05, CYAS05, CW06a, CGA+07, CGV08, CGV09a, DKV00, EELZ04, FW01, FB08, FA00, GIME02, Jen00, JTS+06, JG02, Kir06, KF03, Lj01, Lew04, bLP02, LL04, LJ08, LJ09b, LK06, pLb03, LS01, yMS01, MCL05, Mas00, MNYY00a, MNYY00b, Mic07, MS08b, MP01b, MSHP02, MSHP20, NM03, PDM+08, PCV06, Sal03, SJ05, SKH02a, Sar00, SLMS06, Sea02b, SWS+12, SW03, TT06, WP06, WV05, YB02b, Zak00a]. wave-packet [Sal03]. wave-particle [yMS01]. wavefields [JBBR01]. wavefunction [TP01]. wavefunctions [AC05a, AC05b, SKF05]. wavelength [SLC09]. Wavelet [TK09, MA00, OS00b]. wavelets [SSP08a, SSP08b]. wavepacket [HSGBK08, MGG08]. waves [ABC+03, DJ04, DEW01, FD03, HBR05, Hon04, IDS+04, KV07, PPP01, VKM+05, VAH04, WBD04, Zak00b, Zak01]. WAVR4 [KLTH04]. way [BSW+07]. weak [AJ08, FSK04, HL00c, JG02]. weakly [GLMADB+02, Lon07, MV04]. wearless [HOT07, HTM+08]. Web [BCD+01, CBM+05, DBE+04, KFJ+09, KKH07]. Web-based [DBE+04, KKH07]. Web-deployed [KFJ+09]. wedge [BMML05]. weight [Bli09, De 02, FKAM05, GDC01]. weighted [KOS+09, MTC07, SR01b]. weights [BBJW05]. well [CHL+07, LLLZ01]. well-type [CHL+07]. Wells [Wan00, Mam08, Moh08]. wet [Ger07]. wetness [Nii00]. Wetting [WS02, MMB02, Mü02, Pur02]. Wheeler [KNU00]. Whither [OLX07]. which [BCV03, FGA04]. while [TPBE04, ZZZH09]. Whistler [ADG08]. white [RRRHD08]. whither [Rap02a]. Whittaker [Nob04, AS03]. whole [CHL05]. Wide [BCD+01, KLTH04, MNYY00a, Mic07, SM01]. wide-amplitude [KLTH04]. wide-energy [MNYY00a]. widely [BLM01]. width [Zak00a]. widths [EH06]. WIEN [Gao03, diRL09]. WIEN2k [SBM02]. Wigner [PG06a]. Wiley [Wan00]. Wilson [BKKS09, Cun09, JUS09, MHK+05]. window [CJC09]. windowed [CL08a]. windows [CNDC09, HC08, Hor09, JC01]. wing [VKN07]. winners [Ana04a, Ana04b, Ana04c, Gra02]. wire [EMJH03a, RG04]. WIRED [BCD+01]. Wires [Wan00, FHR+05, GPT08]. within [ADS06, BD05, FSB09, FKG00, GFG+06, PLPS08, SS09a, SA09]. without [BH08, GSS06, Orto00]. WKB [KMC06]. Wolff [GDAG05a, GDAG05b]. wonderful [Rap02b]. Woods [MAM04, MAM07]. work [Gre04]. workflow [BCC+06]. World [BCD+01, PB09a, Rap02b]. worldlines [MG09e]. worldwide [Shi07, Shi07]. would [NKV03]. WPHACT [ABM03]. written [Gro01]. WTC [ZLL09]. Wurtzite [GRS06, Tsa02]. WW [JKW06, JKW00].
WWW [BB03]. Wynn [ÇHM00].

X
Hoo04, AGM+00, BB07, BSO+04, BG01, KMCS01, Lzc+08, Sal03, Vég04.
X-ray [AGM+00, BB07, BSO+04, BG01, KMCS01, Lzc+08, Sal03, Vég04].
Xe [MTJ02]. XLOOPS [BD02]. xmds [CD01b]. XML [GM00]. xPerm
MG08b. XSummer [MU06]. xylo [BSB02]. xylo/phosphodiesteric
BSB02. xylo/phosphonate [BSB02].

yambo [MHGV09]. Yang [MG09b, OK09]. YFSWW3 [JPS+01a]. yielding
RR05. Yin [OK09]. York [Koc02]. Yukawa [HJZ09]. Yutsis [VBFM05].

Zakharov [Wan09a]. Zassenhaus [WS09b]. ZEAL [KVR+00]. Zeeman
AJ08, JG02. zero [CSW02, Pis00]. zero-dimensional [Pis00]. zeroes
JK02, JJK05. zeros [GSS06, KVR+00]. ZFITTER [AAC+06, BBC+01b].
ZGB [LA09]. ZnO [GRS06]. Zobrist [MHS05]. zone [Zah04, Zah05]. zones
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Alexandrescu:2009:MCP


Awile:2012:FNL


Alouani-Bibi:2004:DFP

REFERENCES


Ahr:2002:MSI


Angeli:2005:CA


Angeli:2005:FMP


Ahn:2007:EFC


Argenti:2009:BSE

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Alexander:2003:PSA


Ambrosch-Draxl:2006:LOP


Arter:2002:PES


Alvarez:2005:SSS


Attig:2002:P

Ablamowicz:2005:CGH

Adler:2007:ERV

Amar:2002:KSE

Alcubierre:2005:RSS

Abbasi:2007:VMU

Apostolakis:2000:PMX


Anderson:2007:QMC


Abrahamyan:2000:TOO


Arnold:2002:MFA


Allfrey:2003:RAN

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REFERENCES


ATTIG:2001:GEL


ALVAREZ:2009:DMR


Amirkhanov:2000:NST

REFERENCES


Álvarez:2004:KCC


Anonymous:2000:BR


Anonymous:2000:Ia


Anonymous:2000: Ib


Anonymous:2000: Ic


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Anonymous:2000:II


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Anonymous:2002:PIVf

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