A Complete Bibliography of Publications in

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Title word cross-reference

\((O_m|\alpha_n)\) [De02], * [Tos08]. 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\(+09, SMV01, SBCZ08, TPYV03, WCG04\). \(2.0\) [RS00]. \(2p_+\) [JK01]. 3
[Aok01, BD00, Bal07, BFH05, CCFG05, Cha04, CBBJ02, DGV08, EL04,
FDM07, FV02, GMB02, GS01a, GBD03, GBA01, GMBC08, HG02a, HBR05,
JW02, KKS00, KMZZ05, MZB\(+04, MNV00, NSYZ02, PCV06, QR01,
QLT06, RLLR06, SJCM04, SG04b, SBB03, SG01, TAM04, WLH00, WCG04,
WHL\(+07, XON08\). \(3/2\) [DK08]. \(4\) [CBBJ02, Tör00, WLH01]. \(4f\gamma\) [KJ04]. \(6\)
[FMD07], \(7 \times 7\) [LK07]. \(8\) [GCP\(+02\). -1 [CRU00]. \(2\Pi\) [HC08]. \(3\)
[MNYY00]. \(3M\) [Eas08]. \(4\) [KM00b]. (R) [MBKJ09]. 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]. \(\pm\) [GCP\(+02\],
\(ABC + D \rightarrow AB + CD\) [MGG08]. \(\alpha\) [LDZ\(+08, RJCH00\]. \(\alpha\) \rightarrow [KMH02]. B

\[ B_s \rightarrow J/\psi \phi \ [BS04a]. \ B_c \ [CDEW04]. \ B_d^0 \rightarrow J/\psi K^+ \ [BS06b]. \ B_s^0 \rightarrow J/\psi \phi \ [BS06b]. \ B_c \ [CWW06a, CWW06b]. \ \beta \]

\[ LDZ^{+08}, MCC05, RPD^{+05}, \beta = \infty \ [CM03]. \ \beta⁻ \ [RCGC00]. \ BR[B \rightarrow X sy] \]

\[ DG\tilde{S}08 \]. \ B \rightarrow K^* y [Mah08b]. \ \chi^2 [Sav01]. \ CP(N - 1) \]

\[ BPRW06 \]. \ D [DEW00, PFG06a, Sch06a, Tat07]. \ \delta f = 3 \ [RLU00]. \ \delta f \]

\[ AH03, WTH^{+04} \]. \ \epsilon^+ e^- \]

\[ ABM03, AAC^{+06}, BBC^{+01b}, DDRW03, JW\tilde{W}00b, Por03, TA00a, TA00b. \ \epsilon^+ e^- \rightarrow 4 f \ [KJ04]. \ \epsilon^+ e^- \rightarrow f f \nu \gamma \ [KJW06]. \ \epsilon^+ e^- \rightarrow f f e \nu \gamma \ [KJW00]. \]

\[ e^+ e^- \rightarrow \pi \pi \gamma \ [SV\tilde{P}09]. \ \tau \_1 [Lor08]. \ e \_p [Abe01, Bel01]. \ \epsilon \ [GHLW03]. \ \eta \ [Mic07]. \ \eta_b \ [QWW\tilde{Z}09]. \ F \ [GKP{+}06, IK{+}08]. \ F_1 \ [CGM01, CG04]. \ F_4 \ [Nin00]. \ F_m(z) \ [TAK02]. \ \phi [BBK^{+07}]. \ G \ [CNS09, Kon02]. \ \gamma \]

\[ JK\tilde{W}00, JK\tilde{W}06, JK04, MK1^{+05}. \ H \ [MN07, BBB{+}00, CT00]. \ \Psi \ [Mei01]. \ L_{\mu \nu}(z) \ [Tho04a, TB87]. \ J \ [CA09, Dev05]. \ jj \]

\[ GF01, GFG01, GF02a, GF02b, SJF07, k \]

\[ LLT^{+02}, LCHJ09, MSY07, TMN01, Yan03b. \ k = 0 \ [FSB09]. \ K_p(z) \]

\[ TB87, Tho04a, K \_1 [BCCW03]. \ k \cdot p \ [PAD07]. \ l \ [Mic07]. \ S/I/Mflops \]

\[ FKP03. \ L_1 [Den03]. \ \langle 010 \rangle [LTT09]. \ \langle 110 \rangle [LTT09]. \ l \_l [LDBG08]. \ m \]

\[ Yan03b. \ mK(m, n, k) \ [Yan03a]. \ N \ [ADB03, BAD01, GTBM07, GPW{+}09, MWA01, SVA01, AKZ00, RF05a, RF06a, RF07, RF08, Yan03b]. \ n = 3 \]

\[ GCP^{+02}. \ \nabla \cdot \vec{B} = 0 \ [Cha04]. \ n \approx 1000 \ [HB05]. \ \nu \nu \gamma \ [KF\tilde{I}^{+01}. \ O(3) \]

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

\[ [CWW06a, Sin09, MNYY00b. \ \{ P, N \} \ [LVV06]. \ P^3 M \ [TC06]. \ \Phi \ [SV\tilde{P}09]. \]

\[ + J \ [HG02a, RLU00]. \ pp/pp \ [TKK^{+06}. \ pp/ppv \ [TSA^{+03}]. \ Q \ [TL09]. \ R \]

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

\[ r^{+2} \ exp(-\gamma r^2) [WD04]. \ r^{+2} \ exp(-\gamma r^2) [SKH02a]. \ \Sigma \ [Kar02]. \ SO(5) \supset SO(3) \]

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

\[ [CHM00, DEW00, BR\tilde{A}H04b, CA09, dAK01]. \ \tanh \ [Wan09b]. \ \tau \]

\[ BEM^{+02}. \ \tau^\mp \tau^\pm \ [PSW00], \ \tau \tau \gamma \ [PSW00]. \ \tau \rightarrow 4\pi \ [BEM{+}02]. \ \theta \]

\[ GW\tilde{K}09. \ \times [CW02]. \ T[\bar{W}] [CDQ07]. \ U(1) \ [BB09a]. \ U(3) \supset SO(3) \ [Dra01]. \]

\[ U_\phi[\bar{\alpha}(m, n)] \ [De 02]. \ W \ [JPS{+}01b, MSP{+}01a]. \ w = 5 \ [Bli09]. \ X \]

\[ MN07, CC04. \ \Xi_{bc} [CWW07]. \ \Xi_{cc} [CWW07]. \ Z \]

\[ [SBL^{+}04, Mic07, Pet04, RG04]. \ Z^{d} [HJ02]. \]

\[ - [JK01, LTT09, RS00, DEW00, LK07]. \ -2 [CW02]. \ -a [MP03]. \ -aluminum \]

\[ [RJC00]. \ -body [KNU00, ADB03, BAD01, GPW{+}09, SVA01]. \ -centre \]

\[ [PAT{+}09]. \ -coupled [SJF07]. \ -coupling [GF01, GFG01, GF02b]. \ -cut \]

\[ [CLFH07]. \ -D [Bai07, FMD07, MLF07]. \ -dim [GBD03]. \ -dimensional \]

\[ [KNU00, Tat07, Sch06a]. \ -direction [L TT09]. \ -electron [MWA01]. \ -factor \]

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

\[ -matrices [BR\tilde{A}H04b]. \ -matrix \]

\[ [dAK01, BBB{+}00, CHM00, DEW00, MN01, SSB{+}09, SNBB02, Zat06]. \ -method [PAD07]. \ -orbit [Dev05]. \ -pair [JPS{+}01b, JPS{+}01a]. \ -penalized \]

\[ [Lor08]. \ -pinch [Pet04, RG04]. \ -pinches [SBL^{+}04]. \ -Point [Tor00, TMN01]. \]
[BDV04, KH06, NRR01, Wen01]. accelerator [KSHP02, SEE+03, TIN+09].
Accepting [FHF00]. Access [BNO+01, Ano09a, Han00, ZC09]. accessible
[BDH+05]. Accord [Ano09a, Hah09]. Accounting [YvG05]. accuracy
[FG04, MBR01, SSZ01, TAKN02, TB87]. Accurate
[KDW00, Man08, SMH+01, UK02a, UYK+04, it: VPG08, AH02, BT01, CWSH08, CD04, DWZS05, EAU05, LTG09, Moh08, NM01a, Sim00, SR01a, VKM+05, WW05, YB02b]. AcerMC [KRW03]. Acetylene [SPC+05].

achievements [Mul05]. acid [CTI07]. acid-water [CTI07]. aCLIMAX
[KR04]. acoustic [NN06]. Acoustical [WP06, SWP03]. acquisition
[GMO03]. acting [JKKT00]. actinides [E˚A01]. action
[D¨ur05, Elb05, HJM02]. action-computer [HJM02]. actions [KT04].
adaptable [GGL03]. adaptation [BTS06]. adapted [Fra02, LLY07].
adapting [Jad00]. Adaptive
[Bre05, CC07, CNDC09, Dys02, KNTG03, PM01, SF00, Zit09, ABRS12, BS08, DPBG06, FS08, GHPS04, HCH+06, HJZ09, KTT09, KCH00, KKF+04, LCCS01, LHS+06, MOM+00, MM05, Ros04, SJCMA04, SD07, SFR05, TC06, WPL02, ZS03, Zie04, Zie08, vdHKM08].
adaptive-resolution
[ABRS12]. Addendum [Ram10, Voi03, Yos07]. adder [BDLT02]. addition
[CWW06a, SI01, VEG08]. additional [VC08]. ADF95 [Str05]. ADI
[BH05, Mah08a, SBD+06, Zie04]. ADI-based [Zie04]. ADI-like [SBD+06].
adiabatic [APV00, BBOY08, BC05, CGA+07, CGVA08, CGG+08, CGG+09, CGVA09a, EKW09, KM05, MN01].
adiabatic-by-sector [MN01].
adacency [LB04]. adjoined [CGVA09b]. adjustable [Bar03]. adjustment
[bHhL07]. adjustment-stabilization [bHhL07]. admixed [BK01]. adsorbate
[J01, YN05b]. adsorbed [WMNS09]. Adsorption
[LG07, MB05a, PLL07, SPV07]. Adsorption-induced [MB05a]. advanced
[CNFR01, GCD06, NK07]. advances [Ano04b]. advection
[AGV00, Ida02, ISX05]. advection-diffusion [AGV00]. ADZH_v2.0
[CGVA09a]. AEAA_v1.0 [CGG+09]. aerosol [OBP+09], affine
[MP01a, PZ01]. AFMM [VCCS05]. after [ZSdD+08]. Against [CJC09].
AgCo [PMH08]. agent [LNV+09], agents [BA09]. agglomerates
[CFC+09]. Agglomeration [WDF+02]. aggregates [MS09, Vor02].
aggregation [KP01, Vor02]. aided [ZSSA00]. air
[EF+00, KMZZ05, NV09, RMVQ07]. Airy [Ixa07a]. aITALC [LR06]. A1
[KNSY07b, LK07]. ALE [DMR01, DMR02]. ALEGRA [RG04].
ALEGRA-HEDP [RG04]. Alféven [DJ04, GIME02]. Algebra
[Koc02, BKK09, BCV03, MG08b, Pee07, Pue06, Rob00, Wei04]. Algebraic
[Blii04, Har00, JC07, SKF05, BS03, dSB00, IBA00, JC08b, MKS07].
algaebras
[AF05, dSB00]. Algorithm
[WHCL07, ALV05, AH03, ABER00, ASC08, AK03, BVY05, BPRW06, BH05, BJ08, BB04b, BR09, BG09, BJ03, BSS09, BS08, Br00a, BCCW03, CN01, CNFR01, CKJ09, CVK04, CWM00, CHP04, CAF+03, Cof07, CL08b, DCO0, DGAG06, DB08, Dzu09, Eas08, FMD07, FNR+06, FNR+07, FNM01, GFP00,
GDAG05a, GDAG05b, GFS03, HSJ02, Huj05, HLB06, IVD03, JAT03, JGJ09, KKK06, KKS04, KP01, KM00a, KM01b, Kos05, LM02a, LOL06, LTG09, LZN+08, LB04, Lüs05, MDS09, MY00b, MBG03, MS08a, MHR+07, Mei01, MP05, Nak07, Nak08, NH09, NP01b, iNKNV08, NRR01, OCK+00, OCS+08, PD08, PSE+03, PSH06, PCYC02, PB09b, RD05, RK05, RY00, RLU00, ST02, iSAK+08, SH03, SHX02, SOYN01, SHI02, SKNV05, SWC+08, SPS09, Sug01, SWP03, Tak00, TG00, TPYY03. **algorithm** [TB85, Tho04b, Tót06, TL08a, TCO00, UJSW06, Wan05a, WWF08, WT01, WK02, YH02, Yan02, Yan03c, YZW02, YWLC04, YD07, Zha08, ZLL09, vHK00, ML03].

**Algorithmic** [AHS09, VPCK04, XC03]. **Algorithms** [BMSG01, CTSZ07, FBB01, VBFM05, AAP03, ACK05, BBD+09, BOG+07, CC07, CMR01, CM03, Fd009, FH+01, GGL03, JC07, KCC+00, KF05a, KPF03, LPC+00, LZS06, LZS08, MP01a, MRS04, Mèy02, MKJ+05, MHR+07, Mine02a, OTY02, OMF02, OMF03, SKNV01, SSP08a, UTKF05, VAMVR08, VFP+12, WL00, WC00, WCBN05, 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]. **alloxed** [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** [GKR07]. **amorphous** [BH03, CCRA05, LMO2b, MKB02, NJ01, The05]. **amphiphilic** [LMS05, LNC+03, NT05]. **amplification** [HS07, HW09, KKR05]. **amplified** [SJHY07]. **amplitude** [Cha07, KLTH04, KS01]. **amplitudes** [BBJS09, FJ+03, Hah01, KPO00]. **AMR** [CDQF07]. **AMRA** [PM01]. **AMS** [SM01]. **analog** [AP04]. **analogues** [IN02]. **analyses** [IH01]. **Analysing** [KS04b]. **Analysis** [CL03, Dom05, RDSS01a, SZ00b, ATIO06, ASJ+03, AdlT03, Ano01n, Ano09t, BFHM+01, BLCR05, BS06b, BDD00, BF+08, BDF+08, CKK09, CGG00, CGC+09, Che05, CD09a, Gre07, GME06, HDGM07, HC08, HCO01, HF06, ISSC01, JKCGJ08, JC01, KKS04, KNU00, KJ07, Kr005, LK007, LZ00, Liu07a, LRR+09, ML03, MNNY00a, MNNY00b, MSS+09, Mei01, MD00, MIM+07, MKJ+05, MM90, OS00b, dRPL09, PRS08, Ram10, RTS01, RPY07, RSR01, RF04, SKNV01, SPS09, SR01b, SKH02b, Suz00, TCY+08, TB212, TdRG09, TK09, TY01, TBR07, Van05c, XC03, Yan09, ZBB+06]. **Analytic** [Bl000, Di02, Gut06, Ste02, BDH+05, Cza06, Dra01, GSS06, KVR+00, SPS09]. **Analytical** [Don02, PNH00, AAC+06, BBD+01b, BS08, DK05, Do01, GME06, HG02b, LJ09a, RE09, WW06]. \textit{analytically} [OMF03]. **analyzer** [SG04b, TF00]. **analyzing** [RC04, YH02]. **anchoring** [LS02], \textit{and/or} [IW01]. **Anderson** [CMRS02, YH02]. **aneurysms** [OC+08]. **angle** [CGG00, GW01b, ZDKG05]. **Angular** [Dun05, Yos07, BS04a, DK05, FIBT01, FIT03, Fri09, GFF01, GFG01, GF02a, ...
GF02b, GSF05, GWK09, HCO01, ID09, IFF01, PFG06a, Ste02, SFS09, ZF00]. anharmonic [TS06, dAK01]. animals [HNG05]. ANIS [GK05]. Anisotropic [HP02, dAK01, CHM+09, DDD+01, GMBC08, LWY01, MA09, Ots01, SF05, TBL02, Wei02a]. anisotropy [CM06, FER+07b]. annealing [BH03, CEM08, FH00, Sch06a, TL06a]. annihilation [AAC+06, BBC+01b, WCBN05]. Announcement [Ano01-39, Ano07-29, Ohl04, vH07]. anodic [LC08b]. anomalous [BKKS09, JK00, JW06, PSW00]. antenna [PLL07, LCS07, PHKL02]. antennae [Bla00]. antiferromagnet [BM06, TBL02]. antigen [Dom05]. antigen-chip [Dom05]. any [CAF+03]. any-flavor [CAF+03]. APACIC [KSS06, KKIS01]. APE [Ano02a, ON08, Tri01]. appearance [NY08]. Appell [CGM01, CG04]. Application [ASJ+03, BD08, BJ05b, CEM08, DDEM00, EVL00, FMD07, KITK00, LFT01, NW02a, NRR01, OY02, PKPV02, RML00, SAC+02, Str00, VPK+01, AC07, AAKL07, Bal07, BNO+01, BFLW07, BS04b, CPS00, CSZ+07, DGR09, Dup01, Dys02, HCH+06, ID09, KAB+00, LS09, MT01, MRF+05, MS08b, NT06, OM03, QP05, RLV+08, RO00, SLC09, SEC04b, SN07, Sh04, SGL09, UTO09, VEG04, WV05, ZS07, VAO04, ZC09]. Applications [JJHvO03, LV08, Nil07a, RM05a, BP08a, BB01b, Bru04, CDH+06, GC01, GLHW01, HM02, ID03a, Ida03b, KKKC07, KS04b, LYL07, LDG+07, LHS+06, MRF+05, OS00b, Ram10, San00, Sta02, Suc02, WHL+07, Yan03c, ZC09, KPD06]. applied [Bes02, CR01, IF03, MKJ+05, NP01b, SS02b, Tol02, TIM07, TIM08, Val03, WGY01, WJW09]. Applying [Iwa01]. Approach [ST09, Ano03a, Bow02, CRS05, CCB02, CGA+07, CGVA08, CGVA09a, CD04, CB05, DC05a, FD03, FGF03, GBA01, HKK+01, Hon04, HCKK00, Huk02, IK00, IN02, KKKC07, Ker02, KSH02, KM03, KM08b, LJ01, LHL03, LJ09a, MC03, Man02, MT01, MGG05, MM01, NM03, Niu00, OLS+01, PLL07, PIS00, PPB+09, RTO01, RMO5b, RL08, RGD+01, SS09a, SG00a, SN06a, SM09b, Sch06b, SJDC07, Ska05, Teh01, TKSR00, THC+07, VF03b, VM05, Wal02, WV06, Yak01, Yok09, YT01b, YG09, ZE00, ZPB09, SMB09a]. approaches [ABSM04, BDK+06, IHAR09, PKK02, PJSK08]. approximants [FK04, RB05]. approximate [WW06]. approximating [HK02]. Approximation [AA08, Sch05, AT09, CSCK08, EW09, FH04, Fr03, GSM+03, Int07, MS08b, OvSA02, OIKN02, PMG07, PCC01, POM06, Ram10, Rob01, Roy09, SWY01, Tor00, Vak00]. approximations [DCJ07, SK08, SGA07, XD08]. approximations-a [SK08]. APW [TKN+08]. aquifer [Al05]. ARANE [MLDP01]. Arbitrarily [SW09]. Arbitrary [SLMS06, BD00, BS09a, CJK09, ESI01, FKAM05, IW01, KS05, Kos05, LM02a, LL00, MK09, OKS04, XSC09, ZA06, VH06, VH07]. arbitrary-order [vH06, vH07]. arbitrary-precision [SK05]. architecture [BBB+01, BFS+08, EL04, GMM03, ISSC01, IO01, PKB01, SVN01, SIE04]. architecture/circuit [Oli01]. architectures [REAB09, TG00, VHL09, vDGM+09]. archive [FFS01]. arclength
[KBV09]. area [BDH+05, CLL+07, SM01]. argon [HKLY07, MOC03].
argon-calculation [MOC03]. ARGON.f90 [BOPC05]. argument
[TB87, Tho04a]. arguments [TB85, Tho04b]. arising
[HL08b, HZGZ09, Mam08, Moh08, Ram05, SPS09]. ARKN
[WYL09, WYX09]. Arnoldi [GNZ+09]. aromatic [EYJ07]. array
[RG04, ZA01]. artificial [LVLS02, Lik01]. ARVO
[BDH+05]. ASDEX [SBCZ08]. ASEPT [GSM+03]. ASEPT/MD [GSM+03].
ASOS [OPB+09]. aspect [CFJ09, QG04]. aspect-ratios [CFJ09]. aspects
[HL00b, JBS08]. ASPIN [LDBG08]. assembled [BNSY02]. assembler
[Boy09]. assemblies [KMD+02]. assembly [NT05]. assessment [SS00].
assimilation [LFT01, WLH00]. assists [AC05a]. associated
[Blü04, GBM02, KFI+01].Astrocomp [BLCR05, CBM+05].
Astrocomp-grid [BLCR05]. astronomical [DDEM00, ME00]. astronomy
[Or00]. astrophysical [Müi05, SV01, VKPB09]. astrophysics
[Han00, Huj05, MER+00, PM01, SPS09]. astrophysics-the [Huj05].
Asymmetric [Kim07, VAH04, JC01, KJ07].
Asymmetric-dimer-symmetric-dimer [Kim07]. asymmetry [Mah08b].
ASYMPT [APV00]. asymptotics [APV00, PDA06]. asynchronous
[Uhl03]. Asyrot [JC01]. AsyrotWin [JC01]. atactic [LM02b]. ATLAS
[Mck07]. atmosphere [LC01b]. Atmospheric
[CBMS08, AdlT03, DSH02, DSH03, DSHH05, HJZL07, LHS+09].
atmospheric-pressure [LHS+09]. atom [Bac00, BK06a, BGH+09b,
CWSH08, CGG+08, CGG+09, Gal00, GG03, HSGBK08, Hin00, HTM01,
LJ01, LDBG08, MGG05, Rap06, SNBB02, VKN07, Vie01]. atom-centered
[BGH+09b, HTM01]. atom-molecule [Hin00, LDBG08]. atom/ [MOC03].
ATOM/NEON [OMC00]. Atomic
[HYY07, ON08, Pit05, ZF09, ASH06, BD08, BK01, BKM02, BKM05, BNSY02,
Dzu09, EA01, Fis00, FSK04, FTGG07, FBL00, FA00, GZF04, GFG+06,
HGVCM+02, HPC05, Hor09. Iawa01, Jia08, JHFG07, KM00b, Kon02, LHMB00,
MW01, MTJO2, OS03, PFG06b, RS03, SV01, SKF05, TBR07, Wes07, Zat06].
Atomic-level [HYY07]. atomic-structure [Fis00, FTGG07]. Atomistic
[KNSY07b, CCRA05, GLHW01, HOT07, He00, MCC05, MRF+05, Müss02b,
Nak07, SKNV04, Tod01, ULA+02, KNSY07a]. atompaw [HTM01]. atoms
[ARV02, BCP04, BM04, EA05, EKW09, EKM+09, MOC03, Nik03, OMC00,
SJP05, TNGC00, Ts02]. attempt [MM01]. attractive [Ano01a]. attractive
[NHS07, Sea02a]. attractor [ZDY04]. attractors [Lew04]. Augmented
HTM01, THM01, ADS06, BVKW02]. auralize [TKS+01]. Author
[An01g, An01h, An01i, An01j, An01k, An01l, An01m, An01n, An01o,
An01p, An01q, An01r, An01s, An01t, An01u, An01v, An01w, An01x,
An01y, An01z, An02a, An02b, An02c, An02d, An02e, An02f, An02g, An02h,
An02i, An02j, An02k, An02l, An02m, An02n, An02o, An02p, An02q, An02r,
An02s, An02t, An02u, An02v, An02w, An02x, An02y, An02z, An03a,
An03b, An03c, An03d, An03e, An03f, An03g, An03h, An03i, An03j,
An03k, An03l, An03m, An03n, An03o, An03p, An03q, An03r, An03s,
An03t, An03u, An03v, An03w, An03x, An03y, An03z, An04a, An04b,
An04c, An04d, An04e, An04f, An04g, An04h, An04i, An04j, An04k,
An04l, An04m, An04n, An04o, An04p, An04q, An04r, An04s, An04t,
An04u, An04v, An04w, An04x, An04y, An04z, An05a, An05b, An05c,
An05d, An05e, An05f, An05g, An05h, An05i, An05j]. Authors [An00z]. auto [Str01a, LL08]. auto-solitary
[Str01a]. auto_deriv [SPF00]. autocorrelation [MSS+07]. autoimmune
benchmarks [BMvG 00, FHW +01]. Beowulf [ABC +03, Ano03h].
Beowulf-based [ABC +03]. Beowulf-class [Ano03h]. Berlin [Hoo04, Laf03, Par04, Sha04, Vio04]. Berne [IW01]. Bessel [Tho04a, CP00, Tal09, TB87, VC08, YM03]. Best [Ano04a, Dem03, Sal02]. Bethe [Fri03]. Better [FKP03, PB09a].
between [AC05a, AC05b, Bl¨u04, CW02, HKLY07, KTL05, KMB02, LCPC04, LJ01, MSD08, Mül02, 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, Mül02, Pur02, TE05, WS02]. binding [CR00, ÖDC ¸02, Ver00]. bio [BMS +09, DC05a]. bio-fluidic [BMS +09]. bio-molecular [DC05a]. biographical [Kar01]. Biokinetical [GMAN +07]. Bioler [SIE04]. Bioler-2 [SIE04]. biological [PPFB +09, SIE04, YC07, ZDKG05]. biology [Rmu02]. 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 [KH01]. biquadratic [DKC08]. Birdsall [Ano04-57]. Birkhoff [CRUV00, Sh08]. Bisection [VPK +01]. bistable [MTZ00]. Bit [WHO02, DH00, JC01]. Bit-parallel [WHO02]. black [BFI +00, CGCS07, HBR05, Leh00, RRRHD08]. 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, Ano07a, Ano07b, Ano07c, Ano07d, Ano07e, Ano07f, Ano07g, Ano07h, Ano07i, Ano07j, Ano07k, Ano07l, Ano07m, Ano07n, Ano07o, Ano07p, Ano07q, Ano07r, Ano07s, Ano07t, Ano07u, Ano07v, Ano07w, Ano07x, Ano07y, Ano07z, Ano07-27, 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, LVS06, LEG02, Mak01, NP01a, OM02, Sav01, SvAS01, TND04, TND05, Var08, VPNW02, VT00c, YB02b]. Bogoliubov [MM04]. Bogoliubov-de [MM04]. Bogolyubov [BD05, DO04, DO05, DSC +09, SNR05]. Bohm [DDM07]. BOKASUN [CCGR09]. Boltzmann [Walo3, BBD00, BS00b, CT00, CK08, DPB01, DHB +04, DSL09, Dys02, HLL00a, HCO01, IK00, IK000, KITK00, LNC +03,
calculations

[Alf05, Bek06, FM03, GF01, GMBC08, Jia08, Kir06, LVLS02, LS01, OMC00, ST02, UVLRR09, Val03, Zah00, Zah01, AC07, AL08a, Bar03, BKM02, CCBL02, CWSH08, CHM00, CD04, Col07, CL08b, EVL00, FK00, FSB09, GSM+03, GMAN+07, Goc04, GDAG05a, GDAG05b, HH+09, HSGBK08, HHW00, IBA00, LANM+01, MD09, Man04, MR06, MWA01, MOC03, Nik03, PCCD09, Por00, Ram10, RdAGV+00, SLC09, SJP05, Sea02b, Sol01, TKB+04, TNG00, TK+08, VF03a, VF03b, VS06, VT00a, Vos06, Yan09, ZSdD+08, ZS08, ZDKG05].

calculations

[AIOST03, AJTI+07, Bac00, BTI01, BH01, BK01, BKM05, BBB+09b, BMG01, BD06, CN01, CD01a, CC08, Con04, Dan05a, Dan05b, DS06, Dan07, DTD+02, Elm09, Fer07a, FTGG07, FFD00, FFG02, FKG00, GZF04, GIME02, GHP01, GGG01, GBTM07, GB03, Gol00, GW01b, GR06, HC00, HHM+09, HLC08, HPCM05, HTM01, IM01, IBM03, JRT00, KDW00, KLD04, Kon02, LCB00, LOCJ05, LLV+01, LEG02, LR06, LZ04, Mah09b, MC03, MHGV09, MS09, MBR01, Mei01, MN01, MAM04, MAM07, MSHP02, OD08, OBG09, PFFG06, PWH+00, Pug05, Pue06, QASF+05, RPD+05, RGD+01, SHW01, SH+01, SNS01, SBM02, SKNV01, SN07, SGL09, SMH+01, SJ02, SR01b, SVM00, SY01, SNBB02, THM01, TAK02, TN04, TND05, TYS+00, VKM+05, VT00b, WKP+01, Wil09, ZF09, Zha00].

calculator

[Bar02, DK05].

calculators

[Ste02].

calibration

[AAM+01, HTNFBS06a, HTNFBS06b, RTS01, TNBS04].

Campbell

[WS09b].
can

[BKB02b, Gne04, MM00].
cancer

[Dom05, Tr0RGD09].

Candia

[CCL08].

CANM

[AP04].

Canon

[MP04].
canonical

[Bae04, Fe0O9, JJS08, KCH00, PRS08, Zim05].
canonicalization

[MG08b].
capabilities

[BNO+01].
capacitive

[TC07].
capacitively

[KPL07, KCR07].
captions

[An09r].
capture

[Bor03b, Car06].
capture-gamma

[Car06].
capturing

[Wei02a].
Car

[CCFG05].
Carbon

[HK02a, AP09, CSC+07, CSC+08, HHH02b, KKHK07, LC08b, LF02b, NKL05, OPO+08, OD02, PLL07, YN05b].
carbon-based

[LF02b].
Carcinogenic

[LY07].

Carlo

[Fr0N+07, JKW06, KRR03, TA00a, WA07, AW04, ABM03, AC070, ASF+05, AGS07, An003b, BIm+09, ASC08, BS06a, Bae04, BBD+09a, BJ02, Bar00, BD+08, Bvg02, BR09, BL00, BBML05, BHM+07, BM01, BHL02, BK05b, BDK04, BKB02a, BKB02b, Bur02, BB03, CGC07, Che05, CGK+00, Cun09, CKA+09, DS01, DD+01, DGL08, DDR03, DHO1, FNR+06, Fd009, FMM01, GSO1a, GPW04, GW01a, GPW+09, Gw02, GOG00, GRS06, HPC05, HKL07, HCK00, Huk02, JKW00, Jad00, JWW00a, JW00b, JPS+01a, JPS+01b, Jad03, JS06, Jun02, JB08, KH01, KPL07, Kat02, KL06, LTA05, LF02b, MBK09, MRS04, MHS05, MSS+09, MZ00, MSK+05, MP03, MMB02, MB05a, MP06, MG09a, MABK02, MER+00, MKM02, Nat08, Nii07b, OTY02, OPO+08, PMA+04, PWS00, Pop03, RP02, RIB01, RPD+05, RS00].

Carlo

[KK05, Sch04, SV09, SL02, SVM00, SSL02, TA00b, Tak00, Tom09, TNG00, Tr08, ULA+02, UH03, VY02, VNPW02, VMM02, Wal03, WL00, JW09, WK02, WH00, WL0X09, YC07, dS03].
carlot
Carlos [Sul05], carpets [SFSH01], Carson [Don02], Cartesian [CMT00, DD00, DO04, DSC+09, MAM04, MAM07, SFSL09, WPL02, WD04], Cascade [KSS06, KKIS01, BAB04, Jun02], case [AIOS03, ADE02, FGV01, HM06a, PR06, SK08, SS09b].
case-study [ADE02], CaSPA [MDS09], Catfish [CGCS07], cathode [KHIJ07].
Cavitation [BNS07], CCFM [Jun02], CCP [Ano05j]. CCP2006 [Ano07a], CCP2007 [Ano08a], CCP3 [GI01], CCP99 [BDL00].
CCSD [PKKM02], CDF [ABF+01, ABC+01, BGLLW01, SI07].
CDiffElim [WR01], celestial [OMF03], Cell [De 07, MDT03, SHT08, BDF04, CH09, Cle05, Dec07, EL04, FS08, HQLY07, JH09a, KSY00, KLD04, LC01a, LSP+03, Poi08, Poj09, ISX05, LSC09, LSL01, iTKST01, UOTM03, VPCK04, YL01a, YWLC04, ZLM04, Esi01, TCY+08, TDD04, VAIN04, VCF+04].
cell-based [CGIA07].
Cell/Monte [WJW09, KPL07], cells [ATB+01, Don05, HFN03, TDGRD09, Zah00, Zah01].
Cellular [CGIA07, RDS02a, CD08, JOS07, KKM02, RDS02b, VK09b].
Center [SBM09a, GME04, SG00a, SM04, SM06a, Org01].
centered [BGH+09b, HTM01, KB00, MP05].
central [GZ07, ID09, KGO7, KF05b, SK05, Zie05].
central-constraint [Zie05].
central-field [KFO5b], central-upwind [GZ07, ID09], centre [PAT+05b, Sa00].
centroids [QTM05].
chains [VKN07], certainty [PKPV02].
CESD99 [FA00], CF [KPL07].
CDF [OS00a], CFT [JW02], CG [RMPP02], CG-OPT [RMPP02].
CGSTAB [Xia01], CH [J09b].
chain [FS01b, FS02, NF01a, NFS02, NL07, PRSB08, Rye05].
chain-molecule [NF01a, NF02].
Challenges [BN01, YOu02].
challenges [An001a, EL04, Mi05].
challenging [WL08].
chamber [HFN03].
chambers [GKM+00].
changes [R02].
changing [KMR+09].
channel [CGA+07, CGVA08, CGVA09a, Ixa02, LVW06, RIz02].
channels [BEM+02, ISS+02, KACB07, MS05a, VE08].
Chaos [BF08, Par04, LMC+03, Yur02].
Chaos [KBO2, ZYW04, AO01, AMR04, ISSB01, LCPC04, LMC+03, MSD08, TYS05, WPLW01, WIL04].
characterisation [PB09b].
Characteristic [VPK+01, Le00].
Characteristics [KKH07, Gha05, GRS06, HKK+01, SGF03].
Characterization [Lew04, TBR07].
Characterizing [GLW03, BCP09].
Charge [Ger07, MHK02, PP02, BSTC05, BCH05, Esi01, Har02, LHC01, LHC02, MPR05, PSK01a, PSK01b, Poi08, Poi09, SGF04, UOTM03, XON08].
charged [BVW02, DHB+04, KNY05, QR01, QG04, RR02, WDF+02].
charges [MP05].
Charles [An04-57].
Charlotte [Bur01, Hib01].
Chaste [FFB+09].
Chebyshev [ABOSP09, Del08, Hua09, Str00, WP06].
check [SJDC07].
Chem [FKG00].
chemical [ABNA05, BLW07, CRPC08, CRS01, CW01, DVL+02, DVL+04, HY+07, ISS+02, Pin01, PJSK08, SK05, SN07, SMTP00, VEG08, WSB04, ZBB+06].
chemical-physics [CRS01]. chemistry [KAB+00]. chemometric [IN02].
CHEREN2 [CM06]. Cherenkov [CM06]. CHIMERA [Ano01]. Chip
[EFG+00, Dom05]. chiral [CAW00, GRR01, Jan05, KSS02, KALC08].
Choice [Tak00]. cholesterics [OMY05]. Chip
[Ef00, Dom05]. chiral
[CAW00, GRR01, Jan05, KSS02, KALC08].
Chromodynamics [SHT08, ABD+05]. Cl [ABER00, Nik03]. CIP
[MS08a, MYJJY01, UK02a, UK02b, UYK+04]. circuit
[DM09, YVK02]. circularly [NY07]. circulation [SVS01].
Class [Cw00, Dom05, Sht05]. Clausius
[LWY01]. cleaning
[JH09, MOS00, MOS01]. clear
[RTVZ08]. clear-sky
[RTVZ08]. ClearSpeed
[TIN+09]. Clebsch
[BRD04, CRW09, Dra01, KW08, RF06]. Clifford
[AF05]. close
[BCLR05, HSJJ02, KF05, MPR05]. closed
[BKKS09, Sim08]. closure
[Ker02]. cloud
[Ker02].clouds
[NN06, Shi09]. Cluster
[BHL02, LMM+08, MSS+09, Mel05, Sat02, ALV05, An003h, BPRW06, BOG+07, BJ08, CMRS02, Gut06, KPS+01, KW00, LC01a, PKM02, RD05, RS09, Val05, Vor02, YNS+09].
classifier-cluster
[Vor02]. Cluster-forming
[LMM+08]. cluster-surface
[KPS+01]. CLUSTEREASY
[Org01, ACC+01, GKM+00]. CMS
[Org01, ACC+01, GKM+00]. CMS/ECAL
[Org01]. CMSapi
[MRF+05]. CNDO
[SS09a]. CNDO/2
[SS09a]. CO
[Gha05, Mah08a, VMMB02]. co-propagating
[Mah08a]. coarse
[ASS+02, BLS09a, EL06, FAiTD01, LS09, MS09]. coarse-grained
[ASS+02, BLS09a, EL06, FAiTD01, MS09]. coated
[CAW00]. coating
[SR01a]. Coatomèlec
[GMAHV+09]. COBRA
[SHW01]. Code
[An004-46, LC01b, OSK04, OKS04, PMA+04, RGD+01, ATV+09, ADBF03, Bar03, BAD01, BLR05, BCAD06, BACD07, BMS+09, BG06, BB00, BN07, BAB04, BGS+04, CBKM01, CGK+00, CG04, DVG08, DGS08, DTD+02, DPB01, DKKM07, DHEB05, EH07, Elm09, EKW09, FJ00, FPW01, GMAN+07, GBFS07, GSO1a, GBTM07, GT04, Gre07, GZ07, GSSN00, Hah08, HSGBK08, HvDJa01, HTM01, ICT01, JKGJ08, JBA+07, KH09, KSYE00, KLM00, KCH00, KLTH04, KSSH04, LAN+01, LKPH08, LDBG08, MS06, Man04, MGG08, MC08, Maz00, MB04, Min01, MK08, MAM07, MNV00, MDM05, Nat08, NN09, PLPS08, PBH07, PCC+09, PCCD09, PL01, SPB+03, PP01, Rtro09, RJFB08, Rib02, RGR+04, SHW01, Sea02b, Sea02c, SLL01, SPF00, Str05, SM01, SSB04, SW01, THM01, TAM04, TC06, Tol02, TDD04, Ton07]. code
[UUX+09, UTO09, VKB09, VT00a, WML+05, WHL+07, YSM09, Zie04, Zie08, vdHKM08]. code-an
[Gre07]. coded
[HCO00, ICO03, SCO00]. codeposition
[NG02]. codes
AG05, CR05, Dec07, DBE+04, HDG07, HHL06, Kud09, LC01a, MCL05, PSK05, RLI07, SBM+04, SJDC07, SSB+09, SGF04, TCY+08, WJW09, Zat06].

Coding [LS09].

coefficient [LL08, Ste02, SS02b, qX09, ZLL09].

coefficients [BRD04, BKK09, CRW09, DK05, Dev05, DJ08, Dra01, Dy09, FGA04, Fat02, FIBT01, GF01, GF02b, GSF05, HM06a, HB05, Kas00, KW08, RF06b, Vak00, VB03a, VDB09, Van05c, WP00, Yan03d].

coeexistence [FFF01, KF05a]. coherent [SJHY07]. cohesive [KBBW02, YZD+07]. coil [DY06]. coincidence [MKJ+05]. cold [PCV06].

Collaboration [Ano04-46, PMA+04, All01]. collaborative [dSS04, G01]. collapse [HBRS05, MMTH04, SBD+06]. collection [vDGM+09]. Collective [AK03, LV08, YG09].

collider [BDW06]. colliders [ABM03, BBB+09a, DDRW03, Kol03, Por03].

Collision [PM00, ZBB+06, CL08b, FBL00, RFK08, WRMG05]. Collision-free [ZBB+06].

collisonal [HD04, HvDvM01, KA04, MV04, ST02].

collisional-radiative [HD04]. collisionally [LHMB00]. collisionless [GBC+04, JBA+07]. collisions [Abe01, BF04, BPP01, Che05, GG03, HSBK08, JW00b, Tom09, TSS+03, TKK+06, WM00].

collocation [LFT01, LFT03].

colloidal [All05, CMS04, KNY05, MKH02, SBD+05, itVPG08, YNK05].

colloids [DHB+04, FHR+05, SF05]. color [AEE05]. colored [Gen01].

Columbus [F01, DL08, JS08, Zim05]. combined [ASJ+03, FSK04].

Combining [CL08a, DGLB08, GSB+03, Hin00, SR01b]. combustion [ZLM04].

Comm [DVL+04, LPR04, Ras17, TIM08, WA07, Yos07].

Comment [AA01b, Hon04, LHC02, Ixa01, Mar08, Ram10, W04].

Comments [Har02, Moh08, MA08]. Committees [Ano05].

Common [KSS02, TBR07].

Commun [AA01b, AAB+07, CSC+08, 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, Ano03i, Ano03j, Ano03k, Bro00, FNR+07, Fij00, GDAG05a, MOS01, Ram10, SM06a, Wu10, GCD06, Ano03l, Ano03m, Ano03n, Ano03o, 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, Ano04-34, Ano04-35, Ano05k, Ano05i, Ano05m, Ano05n, Ano05o, Ano05p, Ano05q, Ano05r, Ano05s, Ano05t, Ano05u, Ano05v, Ano05w, Ano05x, Ano05y, Ano05z, Ano05-27, Ano05-28, Ano05-29, Ano05-30, Ano05b, Ano06b, Ano06c, Ano07b, Ano07c, Ano07d, Ano07e, Ano08b].

Communications [Ano08c, Ano09c, Ano09d, Ano09b].

community [KOS+09, MOM+00].

Comp [Ida03a]. compact [JS07, Jen01, SIH+01]. compacting [KBBW02].

compaction [RLH+09].

comparable
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, TLD03]. Complete [AC05a, CK08, Zin02]. completely [JP09], completeness [AC09].

comination [SHV+01]. Complex [CIC+03, KD09, LLH07, NM03, Ber02, BKM02, CDFF05, DPB01, GS06, KM01a, LBM05, MH02, MC08, MPK00, Mic07, MS08b, MPS09, NN09, Poi08, Poi09, RDS01a, SK08, SHZ01, TT06, TB85, TB87, Tho04a, Tho04b, Tod01, WKP+01, WMG05, WLGX09].

Complex-scaled [NM03]. Complexity [MBC+09, SSA07]. complicated [NP00]. Component [LM00, JKG08, TdFK00]. components [T6t06]. composed [GBD03, HSS+08]. composite [CL03, GMBC08, PKPV02]. Composition [KFB01]. compound [BAB04]. Comprehensive [SBM+04, TJL06]. compressible [Ida00, Ida03a, Ida03b, LTA05, TIM07, TIM08, dNM07]. compression [MM05, OCK+00, Pot04]. Comput [AA01b, AAB+07, CSC+08, CGG+09, CGVA09a, DVL+04, Hon04, Ixa01, JKW06, KS08, LPR04, Nat10, Poi09, Ras17, Tho04a, Tho04b, TND05, TIM08, Voi03, WA07, Yos07].

Computational [Att09, BDL00, DC05a, Gou00, GI01, HKL02, KB04, LCB+00, Lan07, Mel01, MRF+05, MS05b, MB05b, Nov02, OLX07, PRBD09, SWS+12, SHJ07, Swe02, TdRGD09, Ano09a, BLM01, dSB00, Bor02, Bor07, Bra05, CZC00, CR01, CMT00, CMT01, CSZ+07, FS00, GGL+02, GLL+02, Gm02, KAB+00, KB02, LN01, LPC+04, LCE+09, MSK+02, Min01, NPO1a, OBC09, RM05a, Rin02, SG00a, SM04, SM06a, SM09a, SI01, SAC+02, Szu00, TCY+08, WG01, WM00, You02, Zie08, Hoo04]. computational-task [Ano09a]. Computations [Str01a, Ada04, ABNA05, ABD+05, BBD+09, Dl01, DPP06, FIT03, FMN01, Imm07, KMZZ05, KKF+04, KM08b, Imm07b, ZE00, vDGM+09].

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

Computer [All05, AC05a, An002j, An002k, An002l, An002m, An002n, An002o, An003i, An003j, An003k, BA09, BR09, BVD04, CAAM08, DHMD00, Elb05, FNR+07, Fij00, Goc04, GH01, GDAG09a, HMY+02, JDBT06, KM01b, LPR02, LPR04, LVLS01, LMS+02, MOS01, NY06, NY08, NP00, Ram10, Rob00, SM06a, SBBM04, SAU+04, TA00a, Tod01, Wu10, BCC+08, BDLT02, BCG03, BG06, BL05, BKKS09, BD06, BCV03, Cha07, CRS01, Cip07, Cip08, CH04, CPT+01, DS06, Dan07, DMM07, DMD+07, DJ08, DSS01, FKP03, Fra07a,
GS01b, Gro01, HJM02, IOM00, JP09, JDBT09, KK04, LM02b, MTLC01, MG08b, Mas00, MVS05, Mi002b, OGKL02, Pee07, PGS02, PKKM02, Pue06, RtvR09, 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, 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].

[FD03, GT01, Hon04, LMC+03].
Computers
[Esq02, Ano02a, Att09, CSS+03, Mak01, Mei01, MT00, OLS+01, OSK+02, OCK+03, Ref00, TY+00, Yos01].
computers-past [Ano02a].
Computing
[BSTC05, Br01, Bre01, CC09, FPB08, GSS06, RM05a, Sh04, Shi07, Th01, VS01, WS09b, YM03, ZSM05, ADE+02, AJ08, Ano03h, BS03, BN07, BD06, BDI+05, CMRS02, CD05, COE+05, CC07, CCL08, CRUV00, CGA+07, CGVA08, CGG+08, CGG+09, CGVA09a, CGVA09b, CBM+05, Dan09a, Dan09b, Dra01, Feo08, GB02, GCK02, HLB06, JP09, JG02, KVR+00, LbotMC01, LMC+03, MrK07, MA04, MA08, Nil07a, PKPY02, PMV02, Shi07, SMZ05, SS07b, TJD09, Tri05, VPK+01, ZF00, ZZ09, Vio04].
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, LÁT04, Liu07a, MNV00, Rob00, Rob01, SGK09, WYL09, WYX09, qX08, dA08].
Condond [GME06].
conductance [KACB07, Ver00].
conducting [CAW00, QR01, QG04].
conduction [JJHV03, TNI+07].

Conductivity [GMBC08].
cone [Har00].
Conference
[Ano07f, Ano08d, BDLD00].
confidence [AS00, Bar02, Con04].
configurable [ATB+01].
configuration [AAG+04, AAM+01, BM04, BKM05, FFF02, RCG05, SJF07, TEP00, TNCG00].
configuration-interaction [RCG05].
configurations
[BK01, BKM02, BKM05, DCNDC09, GSF05, GHIL09, SKH02b].
confined [CH09, CW01, KEM+01, LC07, PS08, SA09].
confinement [ASC+05, BHM+07, GAR05, WML+05, WSCW09].
confining [AMP+00].
Conformal [RM05a, HP02].
conformation [GW01b].
Conformational [BJ05a, LH02].
congruential [DH00, WH06].
conical [BCH05, PL05].
conjectures [JW02]. conjugate [GHP01]. conjugated [vdHP+02].
conmutant [IH09]. connection [OML09]. connections [MTC07]. conquer
[SKNV05]. CONQUEST [GBTM07]. Conservation
[LaF03, Che07, Esi01, Poj08, Poj09, TYN02, UOTM03, ZY09]. Conservative
[IIK+08, ML06, Cha04, Ida02, KNTG03, TNY00, UTO09, UNK12].
conserved [GKI02, GKI04]. conserving [ACIZ07]. consideration [Kon01].
considerations [Rap06, Wen01]. consistent
[BTI01, DPSG06, PHKL02, Pet04, Pit05, WH00, ZSK+04]. Constant
[QP05, CCD07, CW01, HM06a, Kos05, LTA05, Lei02, Mor01, SN07, Var02, qX08].
constant-pressure [Mor01]. constants
[GWK09, OK06b]. construct [GT01, Yan02]. Constructing
[DCNDC09, FMMQ08, Hin00, Liu07b, TNY00, Sev06]. Construction
[CRW09, FMG00, FJK00, Vak00, BCC+06, De 02, GKR07, KLM00].
constructive [Teh01]. Contact [KBBW02, SM06b]. containing [LTG09].
contaminated [SR01a]. Contents
[Ano01r, Ano01s, Ano01t, Ano01u, Ano01v, Ano01x, Ano01y, Ano01o, Ano01p, Ano02s, Ano02t, Ano02u, Ano02v, Ano02w, Ano02x, Ano02p, Ano02q, Ano02r, Ano03-32, Ano03-31, Ano03-30, Ano03-29, Ano03-33, Ano03-34, Ano03-35, Ano04-36, Ano04-37, Ano04-38, Ano04-39, Ano04-40, Ano04-41, Ano04-42, Ano04-43, Ano04-44, Ano05-31, Ano05-30, Ano05-32, Ano05-33, Ano05-34, Ano05-35, Ano05-36, Ano05-37, Ano05-38, Ano05-39, Ano06d, Ano07g, Ano08e, Ano09e].
context [FKMB09, LM00, MC09]. continuation
[Bli00, CC07, CCL08, Cza06, KVV09]. continued
[RML01, TB85, Th04b]. continued-fraction [TB85, Th04b].
continuous [AP04, BR09, HSJ02, TL06b]. continuum
[FGMT02, LBM05, LH01, TP01, TD03, VPCK04, W0103]. contour
[KCH00, KK06]. contracted [AC05a, AC05b]. Contrasts [ZSSA00].
contribute [BKB02b]. Control
[PK01, AAM+01, DB08, FGV01, KMR+09, LNV+09, Nii00, SS09b, WDHE04].
controlled [BDHIP08, FG04, HOI04, TL06b]. convection
[EELZS04, KT05, KNT08, MZB+04, Ida00]. convection-diffusion
[MZB+04]. convective [KKS04, Sus01]. convective/absolute [Sus01].
Convergence [BGJ+07, LOL06, KSHP02, LH01, Wen01]. converging
[Maa06]. converted [WBDB04]. convex [Dem06, KH06, RLR06]. convex/
concave [Dem06]. convolution [Kas00, YZW02]. cooling [FS01b, LLLZ01].
cooperative [IN09]. Cooperativity [LLPL08]. Coordinate
[BD05, SHW01]. Coordinate-space [BD05]. coordinates
[CMT00, CMT01, GVMW04, JBA+07, LB00, SGL09, SFSL09, XON08].
copolymer [ZM00]. CORBA [LM00]. core
[BVY05, HSS+08, MMTH04, NM03, ON08, PKB+01, RM05b, SBD+06, TND04, TND05, WLR+08, AI0ST03]. Coriolis [CA07]. Coriolis-coupled
[LSL07, ZSdD+08]. curved [Den08, Vul03]. curves [APV00, BLCR05, BFL04, CGG+08, CGG+09, PJK00, Tam03]. curvilinear [Cha04, ID09]. cusped [WGS00]. cuspid [KCH00]. custom [Far01]. customizable [PKB+01]. cut [CLFH07]. cutoff [MHK+05]. cutoff-effects [MHK+05]. CWENO [KKF+04]. CWO [SWS+12]. cyanoadamantane [FFK02]. Cyberinfrastructure [Cho07, dSdSW08]. cycles [DDFI09, TRAdO09]. cyclotron [PPP01, WBDB04]. cylinder [CAW00, Liu07a]. cylindrical [AP05, CS07, GVMW04, HFN03, LLV+01, SGF04, SGL09, SBBM04, XON08, You09]. D [Aok01, AH02, BD00, Bal07, BJ05b, BFH05, CCFG05, Cha04, CSW02, CBBJ02, DGV08, EL04, FMD07, FDM07, FM00, FV02, GPF00, GRR01, GMB02, GS01a, GBA01, GMBC08, HG02a, HBR05, JW02, KKS04, KMD05, KSS04, MZB+04, MLF07, MNV00, NHS07, NSY02, PCV06, QR01, QTL06, RJLR06, SJCM04, SMV01, SG04b, SBB03, SG01, SBCZ08, SQ03, TAM04, TVP03, WHL00, WCG04, WHL+07, XON08, YRR07]. D-model [NSYZ02]. D0C [NN09]. DAFT [BTS06]. Dai [Hon04]. damage [VKN07]. damping [TGB01]. DAMQT [LRR+09]. DAQ [Ano01a]. Darcy [KT05, KNT08]. Dark [BBPS09, BBPS07a, BBPS07b, RRCV09]. DARIW [AO01, TAM04]. Data [FSBG00, PK01, Sak07, Si01, SEC04a, AA07, AKG02, AAM+01, Ano01n, Ano09t, BB03, TLM03]. DataScan [RSD01]. dataset [HCK01]. datasets [SKNF04]. date [Fri09]. Davidson [DM07]. Dawson [Ano04b, Ano04-56, Ano04-45]. DC [CHL+07, RMV07]. DDS [WH05]. DDT [IN02]. dealiasing [ICT01]. dealing [SKF05]. Debris [WH05]. Debye [BFL04, LDZ+08]. Decay [Bar04, BEM+02, CRS05, EH06, JPS+01a, Kol03, QxW07, Ste05, TJKR06]. decaying [BAB04, Str01b]. decays [BS04a, BS06b, GPW04, MDM05, Por03]. decision [VBFM05]. decomposed [ZA01]. Decomposition [BP08a, ST09, BH07, Cha07, DTHL09, GRR01, IW01, IW02, KBB00, LM02a, LZ06, LT04, OM03, SWC+03, UHL03, YWLC04]. deconfinement [KMP09]. deconfining [KSS02]. Deconvolution [KSTL03, WCBN05]. decoupling [CKS00]. Dedicated [CMR01, Tri05, Yos01]. deep [RS00]. deep-inelastic [RS00]. defect [PKRK07]. defective [PLL07]. defects [GLH01, HHCC05, LN01, LMS05]. defined [Gal00]. deformable [Nii00]. deformation [RvOV02, vDSvG08]. deformations [MAM04, MAM07]. deformed [Cle05, DD00, DO04, DO05, DSC+09, RGD+01, SDNR05, TBR07]. degeneracy [HG02a]. degree [UNK12]. Delaunay [SMH04]. DELPHI
demagnetizing [BD00]; demand [ZS08]; Demonstration [ABD+05]; demonstrator [ACC+01]; dense [Bun01a, CGG00, PM02, WRC+04]; densities [BSTC05, BH08, CS02, GKI02, GKI04, Mam08, Moh08, dIRBP09]; Density [BJ02, JK02, Kur02, MLF07, SG05, Alv09, Bae04, BBPS02, BBPS07a, BBPS07b, BSK+03, CSW02, HHM+09, HLC08, HS01a, ICO03, IBA00, KTT09, KH09, LV08, Lik01, LCV06, LRR+09, MC03, MBR01, OLS+01, OSK+02, RLH+09, RGD+01, SKNV01, SKNV05, SSZ01, SMK01, TAM04, VM+05, WN01, dGGS+05]; Density-driven [MLF07]; Density-functional [Kur02, H HM+09]; density-functional-theory [SKNV01]; density-matrix [WN01]; Departure [ACC09]; dependence [BS00b, MSS+07, NFS02, PP02, SZ00c]; dependencies [PZ01]; dependency [ZS08]; Dependent [RPY07, BC05, BSK+03, CRS05, DKMF03, DKC08, GNZ+09, HTM+08, HGVC+02, KFB01, MS06, MLG+01, Mel01, MA09, NM01b, Nur04, PSV00, SZ00a, TKN+08, dGGS+05]; deployed [KFJ+09]; deployment [Sak07]; deposition [Sch08, SLWH02]; Derivation [FA/DTD01, AHS09, OMF03, SH05, WYL09]; derivative [Jam00, WGDZ04, WC05, ZWD05]; derivatives [AS03, CGVA09b, GSA06, GZDA01, KCH00, MA04, MKK05, MA08]; derive [EL06]; derives [Rob00]; described [DVL+04]; Description [BJ00, BBC+01a, PKB+01]; description-driven [BBC+01a]; Design [ABC+01, BBC+01a, MTL01, MP01a, Rap06, AAKL07, CFJ09, DG08, Far01, PCA+07, QRH00, RMMP02, SKNV01]; designed [KKM02, LTG09, Str05, WSCW09]; DESOLV [VBC07]; Detailed [Wro08, CD09a]; details [BDF+08, PJSK08]; Detection [HHCC05, ABC+03, BBPS09, CSS+03, CM06, KV08, LANM+01, TWY09]; detector [AAM+01, BCC+06, Maz00]; detectors [ABC+03, NY08, PBI07, Sch08]; determinant [FA00]; Determination [YT01a, Fat02, IF03, Pet04, VEG08]; determine [BCV03, PRBD09]; Determining [ADD+07, BKKS09, QTMH07, BVY05, BDW06, HOT07, PSH06]; Deterministic [DDM05, DVG05, LZC+08]; deterministic/stochastic [DVG05]; detonations [NPBG08]; deuteron [Bat03]; developing [MRF+05]; Development [HFN03, HCH+06, ICO01, KKHL07, WHL+07, YSM09, PFPB+09, Teh01, Dan09a]; developments [HClK00]; device [GCD06]; devices [AAC+04, CBKM01, DC05a, KKK07, LLY07, LLCS01, TDY02]; devoted [BP08a]; DFT [HTA08, PLL07]; DGAP [CCG08, Tol02]; dHybrid [GBFS07]; diabatic [MN01]; diagonal [vH06, vH07]; diagonalization [CA09, FM00, GS03, LB09]; diagram [NT05, TF00, TL09]; diagrams [Bar03, BTO4, BCKT09, CCR09, DCK08, FK00, Hah01, HL08a, KKK06, Ots01, TF04, VMMP02]; DIANA [TF00, TF04]; diatomic [HSGK08]; diatomic [MDT03, PJK00]; Diatomics [NW02a]; Diatomics-in-molecules [NW02a]; diblock [ZM00]; Dielectric
difference [BGH04, BTI01, CCL08, DR09, EMJH03b, GVMW04, GKI02, GKI04, GMAHV+09, HL05, Int07, MZB+04, NN06, RLV+08, Rob01, SHX02, Wan09b, KSC+00]. difference-difference [GKI02, GKI04].
difference-differential [Wan09b]. differences [GLL+02]. differencing [EMJH03a, dHV08]. Different [ABSM04, BSvdDW02, Ska05, CFJ09, GMBC08, HM00, Kim03, LVLS01, PSK01b, RDSS01b, SPV07]. Differential [Hoo04, IH09, IIAR09, KA09, MGYP08, BGH04, BT01, BCV03, Che07, Don02, FMG00, GSGT03, HSGBK08, KS07, Ram05, Ras09, Ras17, VBC07, Wan09b, WR01, qXBLO4, Yan02, Yan03d, YZW02].
differential-difference [GKI02]. differencing [EMJH03a, dHV08].
diffpack [Hoo04]. Diffraction [BRdAHK04a, BSO+04, BK05b, FBB01, Gro01, GSSN00, MTZ00, MP06, PCC01, Wan01, BRdAHK04b, dAK01]. diffractive [CF02]. DIFFREALWAVE [HSGBK08]. Diffuse [dA08, GLMADB+02]. diffusion [AGV00, BS00b, BNSY02, CZC00, CL03, CJK09, EELZS04, GS01a, IOM00, KP01, MZB+04, PC08, Ram05, RMK05, RPD+05, SMSE03, TE05, VPNW02, 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, CTG01, CHM+99, CNDC09, Ei05, ES09, FHR+05, GR02, GO00, Har02, HBMJ05, HJZL07, Huj05, HW09, IH01, IIK+08, ID09, Int07, Jad00, JKKT00, KNT08, KNTG03, KKF+04, KNU00, KM01c, KK01, KA04, Krö05, LHC01, LHC02, LSL07, LCS07, LVLS02, Li03, LHS+06, LKPH08, MYC09, MTH04, MSD08, MOS00, MOS01, NYH04, Ots01, PKR07, PD08, Pis00, QC04, RTVR09, Ram05, RM50b, RLV+08, Rob00, RG04, iSHS+08, Schön06, SB05, SSB+09, SW09, SD07, STK+00, TRGR08, TMTF00, Tak03, TYN02, TZZ06, TNI+07, Tat07, TY01, TYSH05, TDD04, TL09, UTO09, Var08, Ver00, Vos06, WGDZ04, WC05, WHJ06, WS09a, WTW04, XZ12, Yam00, Zak06, vHK00]. Dimensionality [Pi00, Bac02].
dimensions [BR01, BCBJ02, BSDMH05, BKS09, Cre00, EELZS04, GBC+04, JK08, LEG02, MK08, NGE+04, PM00, SMH04, SGF03, SM02]. dimer [CCBL02, EVL00, Kim07, KK01]. diminishing [NRR01]. diodes [HTL+03]. dipolar [TZZ06, TK08]. Dipole [DN05, SWY01]. Dirac [BBR03, BFLW07, Cun09, FZ09, GL02, GZDA01, Liis04, MW01, MK08, MKK05, Moh07, NM01a, Pog05, SJP05, TD03, VDM03]. Direct [CC04, BBPS09, Ber03b, BDB+08, FD03, Hon04, Nur04, PGS02, TG00, Wal03].
direction [LTT09, XZ12]. directions [CL08a, MSK+02]. discharge [KPL07, KHI07, KA04]. discharges [BLS09b, CS07, HKLY07, LHS+09, RMVQ07, TC07, WJW09].
disconnected [Kr05]. discontinuous [Gal00, LS05]. Discoveries [TPBE04, ZSSA00]. discovery [DDEM00]. Discrete [BW01, TAT09, Wan09b, BDK+06, CNFR01, DW01, Har00, LbotMC01, Luo00, MSD08, Str00, TSI02, WHO02, YZW02]. Discrete-expansions [BW01]. Discretization [EG09, MM04, DPG06, 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 [Alf09, BA09, GLHW01]. display [BCD+01, LYL07]. disruptions [EH03]. dissemination [KL07a]. dissipation [GIME02, KG07]. Dissipative [ZM00, AKS02, DC03, HNS01, NT05, NVK03, SVA03]. dissociation [HGVC+02]. dissociative [PNH00]. Distributed [FSBG00, GC01, AKG02, BLM01, BV00, BTS06, CDH+06, Di01, Han00, HKP02, KAB+00, LbotMC01, LNV+09, LM00, TC00, TYS+00, WY01, Xia01, dSDSW08]. Distribution [MK02, BDBV12, FGA04, FPB08, HTM+08, HBMJ05, JH09b, KHL07, KS84, KS08, LWY01, LC01b, OPB+09, Ram10, VS06, Yan09, Yos09, YW01, vHK00]. distributions [BBOY08, HR02, JJK05, LHC01, LHC02, LV08, RF08, Su05, Vog05, Wei02b, WHO02]. divergence [JH09a, MOS00, MOS01]. diverse [ZP09]. divertor [KY07]. divide [SKV05]. divide-and-conquer [SKV05]. DL [Sea01]. DL_LEED [Wan01]. DL_POLY [BT06, DHBE05, KSYE00]. DNA [CDFF05, DL08, 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, Li04, NFS02, NN06, Uhl03]. domains [BLM01, GS01a, NFS01a, NFS02]. doped [JK01, MB05b, NW02a]. Doppler [WCBN05]. dot [BNSY02, CLFH07, EMJH03a, EMJH03b, LLV+01, LCV06, WHJ06]. dots [EMJH03b, LVS01, MA01, MP05, RCG05, TNG00, Vos06, WV05, Wan00]. Double [HG02a, BMML05, BK05b, CWW07, FMIN01, KFI+01, LY05, RF05b, RFG06b, YVYK02]. double-photon [KFI+01]. double-stranded [VYK02]. doubly [ACIZ07, Yan02]. doubly-periodic [Yan02]. doubly-polarized [ACIZ07]. down [CM03, TILR06]. DP [LJ09b]. DP EMC [BK05b]. Dr [AA01b]. drag [KMB02, MY00a]. DRAGON [Tom09]. drawing [BT04, BCKT09, Cap05, HL08a]. drift [BG04, HFN03, Jen00, Lew04, PCK00]. drift-fluid-electron [PCK00]. drift-kinetic [BG04]. drift-wave [Jen00]. drilling [ZHZ09]. driven [BBC+01a, FV02, KP01, KLD04, KA05, KS04a, LLPL08, MLF07, MK05].
PP02, PFPB+09, RJFB08, RK05, Dan09a. **Driver** [MP03]. drop [BBD00]. droplet [CMS04, KPS+01, vdsSvdG08]. drops [MDH04]. drunken [CN00]. dry [OML09]. DSMC [CSC+04, WTW04]. DST [ADD+03]. DTORH3 [GS01b]. dual [BD08, GPT08, KCR07, Liu07a, TC07]. dual-frequency [KCR07, TC07]. dual-kinetic-balance [BD08]. dual-phase-lag [Liu07a].

due [BBBR04, EG09, Voi02, Voi03]. Duffing [AA08, DWZ05, Wan06a, Wan06c, WW06, Yao09]. Duhem [FFF01].
duplexes [BSB02]. during [Dan05b, EH03, KDSB04, NG02, ZS08]. DVR3D [TKB+04]. dwarf [RRRH08]. dxhdf5 [SC04]. Dynamic [CM02b, DKC08, DHS00, TBL02, BSDMH05, BKB04, DVG05, GDAG05a, GDAG05b, LNV+09, MKB02, Nur04, PCA+07, QCL05, SMH04, Sch05, SWC+03, SHH+04]. dynamic-theta [Sch05]. Dynamical [BDF+08, Dan05a, DC03, LKKK07, NFS01a, NM01b, ADDm07, BDT00, BBJ+08, BF09, BAB04, BFI+00, Cun09, CKLS09, DS06, Dan07, FGF03, HK02, HO10, LFT03, MSD08, Rob00].

Dynamics [BDHP08, KRTZ02, KMP09, NFS02, Par04, PKRRK07, RvOvV02, TYS+00, ZM00, ASS+02, BS02, BB04, BTS05, BB09b, BTK+02, Bru07, BK05c, CW02, CSCK08, CDF05, CCF05, CLF07, CF09, CCD07, CTI07, CK04, CR00, CW00, CC00, CA07, DELG05, DC03, DD01, DHB+04, DHBE05, FG04, FSK04, FS01b, FS02, GF02c, Gol00, GLW03, GW01b, HDMC07, HOT07, HL00b, HGVM+02, HM06a, HKK02a, ID09, IWO1, IW02, IN09, ISH01, JAT03, KBBW02, KEL02, KCC+00, Kar02, KM01a, KFJ+09, KSYE00, KKS04, KA05, KBC+09, Kon01, KBG00, KS04a, KM05, LM02a, LeWo1, LR07, LZS06, LZS08, LMM+08, LSVW08, LM02b, MCBR03, MFF+05, Mel05, Mor01, MSH01, NT05, NH09, NKV03, iKNV08, OOS+02, OK06a, OK06b, OD07, OCK+00, OMF03, OMY05, ODC02, PLPS08, PL05]. dynamics [PLS09, PZW+00, PP02, PS09, QKH00, QP05, Rap02a, Rap06, Rap08, Ref00, RFF05, RRCV09, RJCH00, Ryc05, SNS01, SHZ01, SKN05, SGL09, SLBG09, SEE+05, SS02b, TT06, TNI+07, Tod01, Tsa02, Va05, VKPB09, VKN07, iVP08, WHCL07, WRMG05, WHL05, ZE00, dO02]. dynamics-whither [Rap02a]. dynamics/electronic [OLS+01]. dynamos [RJFB08]. Dynasol [PZW+00]. Dyson [AHS09, Maa06].

EARLINET [OPB+09]. early [LAF01]. earth [KL01, Swi04]. easy [Ano09s, CD09b, Hah09, NR01, Esq04]. economic [SAG+02]. economics [Sor02]. ECPSSR [Cip07, Cip08, Cip09, Hor09]. ed [Hoo04]. Eddy [TIM07, TIM08, DM02, DVG05]. EDF [FPB08]. edge [ATIO06, CFJ09, PS01a, PS01b, SBM+04, SGP04, UXD+09]. edge-lit [CFJ09]. edges [Ple02]. Editorial [Pub07, Ano05-40, Ano05-41, Ano05-42, Ano05-43, Ano05-44, Ano05-45, Ano06c, Ano06f, Ano06g, Ano06h, Ano06i, Ano06j, Ano06k, Ano06l, Ano06m, Ano06n, Ano06o, Ano06p, Ano06q, Ano06r, Ano06s, Ano06t, Ano06u, Ano06v, Ano06w, Ano06x, Ano06y, Ano06z, Ano06-27, Ano07b, Ano07d, Ano07j, Ano07k, Ano07l, Ano07m, Ano07n, Ano07o, Ano07p, Ano07q, Ano07r, Ano07s, Ano07t, Ano07u, Ano07v, Ano07w, Ano07x, Ano07y, Ano07z, Ano07-28, Ano08a, Ano08b, Ano08c, Ano08d, Ano08e, Ano08f, Ano08g, Ano08h, Ano08i, Ano08j, Ano08k, Ano08l, Ano08m, Ano08n, Ano08o, Ano08p, Ano08q, Ano08r, Ano08s, Ano08t, Ano08u, Ano08v, Ano08w, Ano08x, Ano08y, Ano08z, Ano08-29, Ano09a, Ano09b, Ano09c, Ano09d, Ano09e, Ano09f, Ano09g, Ano09h, Ano09i, Ano09j, Ano09k, Ano09l, Ano09m, Ano09n, Ano09o, Ano09p, Ano09q, Ano09r, Ano09s, Ano09t, Ano09u, Ano09v, Ano09w, Ano09x, Ano09y, Ano09z, Ano09-30, Ano10b].
[Har00, KNU00]. **electrokinetic** [PCF05]. **Electromagnetic**
[CAW00, FS08, PCK00, DEW00, DW01, GFP00, HL05, JBBR01, Jen00, JTS+06, KV07, LKPH08, PP09, PD08, PSP+03, Poi08, Poi09, Ram10, SLM06, UOM01, UOTM03, UTO09, VAH04, Ver04, WPL02, WRC+04].
**electromagnetics** [FKM+09]. **Electron**
[BRdAHK04a, BRdAHK04b, MMMM00, NKSL05, RdAGV+00, dAK01, AC07, ABSM04, Alv09, BF04, BPP01, BM04, Car06, CKV04, DC05a, EAU05, EKW09, FP08, Fri03, GPT08, GG03, Gut06, HPC05, KKKC07, KHL07, KA04, Kon01, LV08, LVL01, LVL02, LRR+09, Mam08, MCBR03, MWA01, Moh08, Nik03, dLRBPL09, PCK00, PPP01, RMLB01, RCG05, SKH02a, SMV01, SJHY07, SNBB02, TAM04, Ton07, Wan01, WD04, WRN01, WM00, Yak01, 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, SBM02, SN07, TGB01, Zha01, AJT+07, BTT01, BB00, BMG01, CPV+08, CTS07, GHP01, GBD03, HC00, HT01, KFJ+09, KLM00, LZ04, MSB09, PKSF01, QASF+05, RG05, RB08, SKN01, SMH+01, TH01, TNCG00, Vos06, WKP+01, YG09].
**electronic-density-functional** [OLS+01].
**electronic-structure** [KLM00, MSB09, PKSF01, RB08].
**electrons** [E˚A01, EH03, Hor09, MK05, RLI07, SJ05, SMSE03, Sri01].
**electrophoresis** [KKM02, KK04].
**electrophoresis-computer** [KK04].
**electrophoreological** [MS05a, SWY01, YW00].
**electrostatic**
[AH02, BGS+04, CSC+07, CSC+08, DTHL09, MB04, WJW09, WHL+07].
**electroweak** [ABB+09, HL08b, KFI+01, LC08b, RLV+08, SJHY07, Yos03, Yos07].
**element** [BDK+06, BLS09b, CN01, EFS+08, GPT08, KLM00, LZ04, MSB09, PKSF01, PDA06, TAT09, Ton07, Whi00, XSC09].
**element-dual** [GPT08].
**element/molecular** [OLS+01].
**elementary** [Fod05, Str01a].
**elements** [AC05a, AC05b, CN01, CCG+08, CCG+09, ÇHM00, GF01, GME06, HL08b, JBBR01, KTL05, LCHJ09, LS01, OS03, PCE+08, PAT+09, Sar00, UTKF05, VOS06, You09].
**elevation** [RTVZ08].
**Eley** [LJ01].
**Eliminating** [LC08a, Man02].
**elimination** [WR01].
**ellipsoidal** [LB00, WV05].
**elliptic** [AE02, PKST03, Yan02, Yan03b, Yan03c].
**ELMFIRE** [SOAW08].
**elongational** [MDT03].
**elsepa** [SJP05].
**Embedded**
[SKNV05, ASVA00, Far01, KDW00, Vég04].
**Embedding** [Ing01].
**Emden** [SPS09].
**Emeraldine** [CCFG05].
**emergence** [KOS+09].
**emerging** [Lit00, REAB09].
**Emery** [DKC08].
**EMILIA** [Car06].
**Emission**
[RdAGV+00, HCH+06, KFI+01, LC08b, 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, UVLRR09].
**EMX** [AE02].
**enantiomeric** [GLL+02].
**encounters** [RRRHD08].
**encryption** [LMC+03].
endpoint [LWT08]. energetics [OBG09]. energies [BCG03, CWHS08, EKW09, JWW00a, JPS+01a, KPD06, LK07, Sea02a, SVMT00]. Energy [BBC+01a, BRRdAHK04a, DH01, FGV01, New07, TS08, Tol02, ATP01, BBB+09a, Bes02, BFL04, BMK02, BBB+09b, CCBL02, CC07, CCL08, Che05, CGA+07, CGVA08, CGVA09a, Cra01, CCRA05, DVL+02, DVL+04, EÅ01, EVL00, FK00, Frü03, GGG01, GK05, GLL+02, GPW04, GSS00, GM003, HP06, HG02b, HGH+05, IK00, IK000, KHL07, KW03, LPC+00, LVL01, LLV+01, LA01, MR06, MNY00a, MSHP02, MM01, Nob04, OD08, Sak07, Sch08, SEF+01, So01, SR01b, SKR04, SFR05, TAP01, TZ06, TYSH05, VS06, Wan01, WZH06, WLGX09, XSC09, dBMC+06, BRRdAHK04b, dAK01]. Engine [ON08, Vég04]. engineering [HKK+01]. Engineers [Mal00, Bre01]. Enghui [Hon04]. Enhanced [PM02, EHHR06, RMWH01, TGD07, TL08a, WSB04]. Enhancements [SRR+00]. Enns [Koc02]. ensemble [Ber02, GCK02, HM06a, Huk02, JBS08, NSMO02, Nak08, OK06b, Zim05]. ensembles [IW02, OO05, WV04]. Entangled [KSEG05, Ryc05]. entanglement [RP06a]. 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 [HJM02]. epitaxial [AFP02, BSvdDW02, Dan05b, SY02]. epsilon [CHR00]. Epstein [Ram10, Yan09]. equal [PR06, Zaka00a]. Equation [KD09, AA08, ATIO06, AKZ00, ASVA00, AKS01, AKS02, Bat03, BFH05, BV00, Cai09, CSCK08, CPS00, CRS09, DWZ05, DR09, DM09, DC07, DCS09, DLS09, DKV00, Dys02, EELZ04, Fij09, Fij09, FZ09, FS01a, GNZ+09, HCH+06, IH09, Im07, Ixa02, Ixa07b, KMS09, KA09, KEM+01, KBV9, KOS05, LRI+06, LIR+06, LOCJ05, LB00, Li03, LL08, Luo00, Li04, MZB+04, MK08, MA09, NT04, NJ01, Nur04, PC08, PAD07, PSK01a, PSK01b, PSV00, Ram05, Riz02, RL+08, ST02, SZ00a, SG06, SR05, SW09, SGF03, Sim00, SW00a, SVA03, Sim09, SZ00c, SM02, SFS09, Sug01, TPY03, TQZ08, TS05, TD03, TKSR00, UNK12, UK02a, UK+04, Van05a, Vui03, WGDZ04, Wan05a, WC05, Wan06a, Wan06c, WS09a, WT01, WW05, WW06, XSC09, XZ12, Yan03d, Yao09, YB02b, Zaka00a]. equation [Zak00b, Zak01, Zak06, ZY09, dHV08]. Equations [Hoo04, IH09, IHR09, AP04, ACK05, AHS09, AMP+00, AK03, AK07, BGH04, BD05, BDP00, BT01, BHH+05, BC03, CC04, CLR08, CS09, Che07, CJK09, CGG+08, CGG+09, CTG01, DKMF03, Den08, DD00, DO04, DO05, DSC+09, EST00, EG09, FD03, FRdS09, Fat02, FMG00, FMQ08, GT01, GKI04, GSGT03, Hon04, HZG09, HHWH07, HL00, IOM00, JK08, JC08b, KS07, Kas00, KKS04, LVS04, LV06, bLP02, LL04, LY05, LJ09b, bL03, yMS01, Maa06, MM04, MOS00, MOS01, NK03, OGWH03, PS08, PKST03, PNH00, PCV06, Ras09, RE09, Ras17, RMK05, RB00, SH05, She03, Sho07, SPS09, SDNR05, Str00, TKP06, Tol02, UK02b, VBC07, Wan09b, qXbL04, Yan02, YB02a, Yan03a, Yan03b, Yan03c, Yan03d, YZW02].
Equations-Numerical [Hoo04]. equilibrium [CHM*09, KZS+00, MSK*05, SVM*00, ZSK*04]. equilibrium [BDBV12, BL05, CD04, Co07, DGV08, Elm09, HY07, JBA05, TCF00, ZSSA00]. equipped [Hor09]. Equivalence [CTR00, Ram10]. equivalent [E˚A01].

Eratosthenes [AA01a]. ERCS08 [Hor09]. Ergodicity [BKB02a]. ERI [REAB08, REAB09]. erosion [CMD00, WSB04]. Erratum [AAB*07, CSC*08, CGV*08, CGVA09a, FNR*07, Fij00, GDAG05a, Ida03a, JKW06, KM01b, KS08, MOS01, Nat10, Poi09, SM06a, TA00a, Tnd04a, Tho04b, Tnd05, TIM08, WA07, Wu10].

Escape [Man04]. ESPResSo [LAMH06]. essential [AFK*07]. essentially [KG07]. Establishment [BB09b]. estimates [GKM*00]. estimating [GBR*09, JC08a]. Estimation [FGA04, BH07, CNFR01, Cra01, KMH02, KTT02, LFT03, Lik01, SSZ01, TGD06].

EtabFDC [QWWZ09]. etch [NY06]. etched [NY08]. etchers [HKPL07]. etching [MSY07, RLR06]. ETSF, IO [CPV*08]. Euler [CTG01]. Eulerian [FS03, PKS05, GF04, SSB04]. evaluating [GFF01, Mei01, PCE*08]. Evaluation [FKMB09, No04, SM01, SG00b, ST09, WD04, BBR03, BK01, Bru04, CGM01, Du05, GR01, GR02, GS01b, GZDA01, HS03, KS05, KNTG03, KSH02, KCH00, Mam08, MNH01, MKK05, MN07, Moh08, MC09, OS03, Pis00, Pr06, Sav01, Sch06b, SSP08b, SMH*01, Su05, VW05, WCB05, dMBC*06]. evaluations [Sal02]. evanescent [DEW01]. evidence [BMML05, LCPC04]. Evolution [CS02, Cle05, KHL07, SR09, AG05, BFI*00, CCG08, CTS07, FS01a, HHL06, JS06, JPS*00, KZS*00, bLP02, LL04, pLB03, MSY07, MA06, PRBD09, SOY01, TQ03, TGD06, Vng05, Wei02b, ZSK*04]. Evolutionary [GOH06, vHL05, AOT01, BSO*04, CNFR01, Iwa01]. evolving [Bow02].

Ewald [Har02, LHC02, BRS06, FMD07, LHC01, OD07]. Exact [AC07, BM06, EELZ04, Es01, GME06, LR07, QASF*05, RM05b, SBJ05, CA09, CAF*03, Dy09, HB05, LL04, pLB03, LL08, MC03, Mil06, Mil07, Poi08, Poi09, Sch06a, SGL09, TYN02, Yan03d]. Exact-exchange [QASF*05]. exactly [HNS01, TNY00]. EXAFS [BK09]. example [Teh01, Vég04]. exchange [FMN01, Gut06, PL09, QASF*05]. excitation [BCP04, DDFI09, TND04, TND05]. excitations [OS03, YG09]. excited [BCH05, CWW05, LHM00, MHG09, MCB03, NW02a, RFF02, TA00a, TA00b]. excited-state [BCH05]. exciton [KN07b]. Excitons [vdHBP*02]. excluded [BDH*05]. exclusive [MP06]. execution [BL01, REAB08, Tòt06]. 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, CRU00, FSB09, KTT02, NFS01b, Pit05, San00, VK09b, WP06, Wei02c, Yan03c, Yan03d]. **expansions** [BW01, HJ02, RS09, Sa02b]. **Experiment** [HLW05, HKL+07a, HKL+07b, ADD+03, ABF+01, Ano03h, EFBP04, HJM02, KB02, TDM03]. **experimental** [AA07, Ano01n, CHL+07, ZSdD+08]. **experiments** [DDM07, FGV01, GGQ01, Gre04, HLW05, HKL+07b, SG04a, SEC04a]. **expert** [KS07]. **Explicit** [GFP00, TQ03, AKS01, De 02, FSW08, GWW09, JH09a, LPC+04, LCE+09, MVJ09, ON08, Van05c, itVPG08]. **exploitation** [ADE+02]. **Exploiting** [MG09a, SPM00, TYS+00, VHLP09, YN05a]. **Exploring** [MSS+07, PL05, LLY07, SHH+04, SIE04]. **Exponential** [VAMVR08, MG09a, MG09b, Ram12, VC08, dHV08]. **Exponentially** [Fra07b, IVD03, ASVA00, KMS09, Sim00, SW00a, SVA01, SVA03, Yan06, VIV01]. **exponentially-fitted** [ASVA00, KMS09, Sim00, SW00a, SVA01, SVA03, VIV01]. **expressions** [Chris07, CJK+09, Kon02, SKH02a, VC08]. **external** [BGH+09a, DKC08, FHR+05, FV02, JTS+06, KKK06, KDSB04, SSLN02, TV07, TL09]. **externally** [LLPL08]. **extra** [Cre00]. **Expression** [TS08]. **expressions** [GME06, Pog05]. **Extended** [Huk02, Wu10, Yan02, YWYF09, Cha04, LVV06, LF02b, Nap09, NFH06, Ots01, Str01a, TNN+07, Yan03c, FIT03]. **Extending** [BHL02, FD009]. **Extensible** [LAMH06, RSD01, CD01b]. **Extension** [ATIO06, SR01b, TV07, Dan07, DDdMS02, GWK09, KBC+09, Mah09b, IW02]. **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** [MKS07, De 02]. **family** [CJC09]. **Far** [Hon04]. **far-field** [CP00]. **Far** [BFL+01, BNFM+09]. **FARM** [BNFM+09]. **farms** [ABC+01]. **farside** [Cha07]. **FarSight** [SEC04b]. **Fast** [ABRS12, BDH+02, BH01, Bun01b, Bun01a, DSC06, GKK+08, Ixa07b, MH05, MS08b, RM05a, RTVZ08, Sul05, VKM+05, Wei02b, WR01, YNS+09, AC07, AH02, BB04b, Br00a, CCGR09, CBMS08, CD04, EKW09, ES09, HC00, HJZ09, JK08, KOS05, LAD09, LC08a, LZO+08, MP04, MG08b, MOC03, MM05, OMC00, OD08, OCK+03, Ol01, PMA+04, SOY01, vHK00]. **fast-switching** [OD08]. **Faster** [DS01, HNFS06a, HNFS06b, Mas05]. **FASTERD** [SV09]. **faults** [YKK07]. **FDCCUSYDecay** [QxW07]. **FDTD** [Ram10, MGN07, NSKS01, Ram10, Ram12, RB00, WP00, Yan09]. **Fe**
finite-element/molecular-dynamics/electronic-density-functional
finite-level [DB08]. finite-size [BJ08, DGAG06, HBW05, RP02].
finite-size-particle [VBFD01]. Finite-temperature [Zha00, KMD+02].
finite-volume [Cha04, MOS00, MOS01, SLMS06]. finitely [SFSh01].
fireball [Tom09, KFJ+09]. First
[Ano99a, CM02a, Har01, KKK07, LN01, RG05, TSA02, AS03, AJT+07,
ABC+01, ADDm07, CR05, CBBJ02, CTI07, CGVA09b, EYJ07, FG04,
GTM07, IV03, JPS+01b, LDZ+08, LA09, MCBR03, MSK+05, Mor01,
NKS05, SBCZ08, WKP+01, WC00, ZWD05, dSDSW08, vHBP+02, SZ04].
first-order [CBBJ02, JPS+01b, LA09, ZWD05]. First-principle [Tsa02].
First-principles [Ano99a, KKK07, AJT+07, CR05, EYJ07, FG04,
GTM07, LDZ+08, MCBR03, Mor01, WKP+01]. Fischer [Bur01, Hib01].
fit [ATP01, GKK+08, TAP01]. fitted [ASVA00, CFMR08, FSW08, Fra07b,
IVD03, KMS09, PAS09, Sim00, Sw00a, SVA01, SVA03, Sim08, SWFL00,
Van06, VIV01, WC05, Wa06a, Wa06c, Wan06b]. Fitting [CCBL02, MYC09,
Bl00, Bru00a, FGMT02, KJ07, MKJ+05, Nap09, NP01b, Sim09, SF00,
VAMVR08, vHLP08]. Fittino [BDW06]. five [IK+08]. five-dimensional [IK+08].
fixing [CM03, OS04]. FLAC [CGG00]. FLAPW [CMF00, FSB09]. Flash [LL07].
flat [BK05a, SLL07]. flat-plane [BK05a]. flattening [MTLC01]. Flavor
[DG08, CS02, CA+03, Lus05, Mah09b, Mah09a]. flavors [KL01]. Flexible
[T06, BCC+06, HSS+08, IW01, IW02, SWL09, SJF07]. floating [HDG07].
floating-point [HDG07]. floppy [Bac00, OBG09]. Floquet [KS04a]. Flow
[PPC07, PK01, BBD00, CTG01, DVG05, DM09, GMAN+07, JKT00,
JOS07, Ker02, KLD04, LTG09, MP01a, Mar08, MDT03, MC08, MLF07,
NH07, NYP04, PPM04, RSMK+00, SG04b, Wal03, dNKM07]. flows
[COE+05, FH00, Huj05, Iko00, KTK00, KTG04a, ML06, RMV07, SR01a,
Snu01, TF09, Tim07, Tim08, Tal00, Tim08]. fluctuating [DSL09, ICO01].
fluctuation [ICO03]. Fluctuations
[LMS05, SSH02, HS01a, PB09b, TJL06]. Fluid [ASC+05, KF05a, CLL+07,
CMD00, DGV08, DUX+09, FFF01, GIM02, GFP00, HML07, HWH07,
IK000, ICO01, JOS07, KT07, LCS07, LCM00, LCo0, LS05, MY00a, MY00b,
MD03, MC08, NYH04, PCK00, SLL07, SBCZ08, STK+00, TMTF00, TK08,
WPB09, WGS00, WS02, Xia01, dNKM07]. fluidic [BMS+09]. fluids [DPB01,
DGR09, HAA07, HCO01, Ida00, Ida03a, Ida03b, LNC+03, SWY01, Tod01,
WRM05, YW00]. fluorescent [BG01]. fluorescent [SLL07]. flux [PCC+09, Pet04]. FLY
[ADB03, BAD01, BCA06, BADC07]. FMM [HJZ09]. FOAM
[JS07, JAd00, JAd03]. Fock [BD05, DO04, DO05, DSC+09, MW01, SDNR05,
DD00, DO01, GLL+02, GG00, NM03, PS08, PRBD09, REAB08, SS09a].
focusing [HW09, SBBM04]. foil [BDV04]. Fokker
[ABSM04, CBK01, KAO4, yMS01]. folders [BDH+02]. folding
[Elb05, Oka01, SSA07, WL08]. following [AAG+04]. Force
[TKN+08, AL08a, ACC09, BK05c, CFJ09, EL06, Goe02, LZe06, MFV07,
iNKNV08, RMMP02, SWC⁺03, SWY01, VCCS05, YW00.
force-decomposition [SWC⁺03], force-field [MFVJ07, iNKNV08], forced [SOYN01]. forces [HG02b, JKKT00, LZS08, LEG02, MK09]. forcing [AA08, Yao09]. Forest [OMF02].

form [CRUV00, CHS09, Esi01, Lei02, Mah08a, RS03, She08, TNY00, FK00, TV07, MU06]. form-factor [Esi01]. formal [Oli01]. formalism [EE02, MM08, PTL04].

Formation [SCO00, BNSY02, FS01b, GB05, HOI04, KK00, MLPT08, PSK01a, PSK01b, QTL06, RRCV09, Rou01, SBD⁺05, SHJ07, Voi02, Voi03, Yos09]. FormCalc [HS02, Hah08]. FormCalc-generated [Hah08]. formed [BSB02]. forming [GGL⁺02, LMM⁺08, MDH04]. forms [BKKS09, CCFG05].

forest [OMF02]. Foreword [Ano01z, ME00, Sco09].

formulation [AK03, GPT08, IBA00, Leb00, YW01]. formulations [Ram12]. forsterite [LDZ⁺08]. FORTRAN [BrDaHK04a, Hor09, KSYE00, Str05, BDH⁺05, DG08, DGS08, Dem03, Dem06, DKM07, EH07, KLM00, MMEH08, MDM05, MA09, PS08, QRH00, Rib02, SS09a, Sar00, SPF00, TS06, vH06, vH07].

four-atom [Bac00, Gol00, MGG05]. four-body [VT00c]. Four-fermion [BCCM03, BPP01, DDRW03, SW00b].

four-momentum [KMO0a, KMO1b]. four-point [NN09]. four-step [DWZ005]. Fourier [SVMT00, CN00, DSC06, Elh05, HC00, JP09, LC08a, MM05, NJ01, RM05a, SA09, Tr008, Wan06a, Wan06c, YZW02].

Fourier-based [MM05]. Fourth [ACK05, LJ09a, 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, PAD07]. FPU [PKB⁺01].

FracMAP [CGC⁺09]. fractal [CGC⁺09, GBR⁺09, TdRGD09, Vor02].

fraction [TB85, Tho4b]. fractional [Dev05, DJ08, Sho04, Sho07]. fractions [Nap09, RMLB01]. fracture [EM08, KNSY07b]. fragmented [Tom09]. Framework [DN04, AGV00, Ane09t, BBB⁺01, Che05, DDKMF03, Dec07, DUX⁺09, ES09, FFPW01, GPW⁺09, ISSC01, OPB⁺09, T606]. frameworks [WeO1].

Frank [GME06]. Fredholm [Str00]. Free [IH01, KSSH04, BB⁺09b, CHM⁺09, HLC08, Ida00, Ida02, Ida03a, Ida03b, IK000, ODO8, SL07, SJHY07, SR01b, SVMT00, SFR05, We04, ZBB⁺06].

Free-boundary [KSSH04]. free-electron [SJHY07]. free-energy [BBB⁺09b, IK000]. freezing [Wil02]. Frenkel [KM05]. frequencies [FSW08, Kim03, Wan06b]. frequency [CIC⁺03, Hei01, KCR07, LKK07, Ram10, TC07, Wan06c]. FRET [SG04a].
FRETsg [SG04a]. Friction [CW02, KM01a, HOT07, HTM+08, Mius02b, RR05, SS02b]. Frictional [KMB02, DHBE05, HKK+01]. FRODO [AC05b]. Froese [Bur01, Hib01]. Front [Laf03]. frozen [NM03]. FRS [Kar01]. frustrated [Wes07]. Full [ABER00, GRS06, ADS06, BDLT02, Dür09, FS01a, FHV+01, GSSN00, IIK+08, Liu07b, LS05, Maz00, PAD07, PCV06, UTO09]. Full- [IIK+08]. full-band [PAD07]. Full-CI [ABER00]. Full-electromagnetic [UTO09]. full-potential [ADS06]. full-wave [PCV06]. fullerenes [LB04]. Fully [Bac00, BSB02, ABM03, MA09, Sus01, Xia01]. function [Ada04, BFLW07, BDP00, CYAS05, CGM01, CG04, FKAM05, GT01, HG02b, Iss01, JK02, Kar02, KHI07, KBC+09, MS08b, MNH01, New02, PGS02, RdAGV+00, SA09, Str00, TGD06, TL06c, WDB04, Yan02, Yan03b, Yan03c, YW01, vEFL+02]. functional [BJ02, BSK+03, CMK+03, GH00, HLM+09, IBA00, KTT09, KUR9, Kur02, LTG09, LCV06, Lor08, MBR01, OLS+01, OSK+02, SG05, SKNV01, SKNV05, SMK01, VKM+05, dGGS+05]. functional/Monte [BJ02]. functionalisation [VHE08]. functionality [TV07]. functionals [HKP02]. Functions [GF03, AS03, AA00, AA01b, AJ08, BP08a, BDBV12, BC05, BS04b, BW01, CD01a, CGA+07, CGVA08, CGVA09a, DS04, FGMT02, FH04, FBB01, FP08, FA00, GSS06, GLHW01, GZDA01, GDAG05a, GDAG05b, GME06, HTM01, Hua09, HM06b, HM08, Ixa01, JG02, KS05, Kim03, KSHP02, KIR+06, KFR+05, KTL05, KVR+00, LdV06, LPC+00, LKC06, LS01, Mic07, MS08b, MU06, MN07, MM09, MSHP02, MYL+08, NM03, Nob04, PFG06a, PDM+08, PAT+09, RB08, Roy09, SKH02a, Sar00, Sau06, Sch06b, Sea02a, Sea02b, Sea02c, SMH+01, SJF07, SF05, TB85, TB87, Tho01, Tho04a, Tho04b, TL06b, VC08, WP00, WD04, Wei02c, YM03, ZAH00, ZAH01, ZBB+06]. functions-calculation [GDAG05a, GDAG05b]. fusion [ASC+05, BSW+07, CBK01, KMR+09, OSK04, SEC04a, WML+05, WSCW09]. Future [MSK+02, Ano01a, Ano02a, McK07]. FV [WPL02]. FV-TD [WPL02].

f, g [ISH01]. G.R. [Leh00]. g_permute [RLH+09]. Ga [JK01, LK07, Tsa02]. GaAs [LVLS01, JK01, KB01]. GaAs/AI [JK01]. GaGaRes [BV02]. galaxy [RCCV09]. galaxy-sized [RCCV09]. Galerkin [FZ09, LS05, TKS00]. Galilean [CK08, IK00]. game [EFH+07, VK09a]. GAMESS [BB00, FSBG00, KP06, dMBC+06]. GAMESS-US [KP06]. gamma [Car06]. GaN [QASF+05, Tsa02]. Ganga [Ano09]. gap [BZ00, LLV+01]. gas [BLS09b, BC00, CP00, CMD00, DHO00, GCP+02, GF02c, Gt06, HCO00, HS01a, ID09, ICO03, KA04, KH06, KWO3, LJ01, LNC+03, MK02, NW02a, Nii00, PPC07, PCY02, SGO0, SM01, TNI+07, Tsa02, TCO00, YB02b, Yok09, Zha01]. gas-phase [Tsa02]. gaseous [LR07]. gases [DSC06, IK00, Lon07, TS06, Wes07, WRN01, ZSSA00]. gastro [WGE01]. gastro-intestinal [WGE01]. gate [LLT+02, LY05]. gated [KACB07]. gates [MS00, RF05a]. GAUDI [BBB+01]. Gauge
[Dür05, Hei01, ALV05, ALN\textsuperscript{+}01, BB09a, CM03, Fod05, OS04, PM00, Tri05].
gauges\ [CMM09, DD01].\ Gaussian
[AA01a, CFMR08, CP00, De08, DSH02, DSH03, IP01, MS08b, Pom06].
Gauss\Dal\ [ABN˚A05].
Gaussian\ [WLR\textsuperscript{+}08, CP00, FGMT02, FV02, Frü03, FKAM05, HKP02, MBR01, OS00b, SKH02a, SF06, VKM\textsuperscript{+}05, WD04, Wen01, You09].\ Gaussian\-mixture\ [Fri03].\ Gaussian\-sum\ [Frü03].
Gaussian\-type\ [FGMT02].

Gay\ [IW01].
GBL\ [DHS00, HS01a].
GDF\ [TGD06, TGD07].
Geant\ [Wel01].
GEANT4\ [AGM\textsuperscript{+}00, AAB\textsuperscript{+}08, HFN03, YFM09].
gel\ [KKM02, SBD\textsuperscript{+}05].
gels\ [RvOvV02].
GeM\ [Che07].
GenAnneal\ [TL06a].
Gene\ [TS08].
General\ [CL08b, HLW05, HKL\textsuperscript{+}07b, ASS\textsuperscript{+}02, Cha00, FS00, FWP01, Gra02, HvDJvdM01, Jad00, Jad03, JJK05, KSPT04, MZB\textsuperscript{+}04, OK06a, SFR05, VF03a, VF03b, WTH\textsuperscript{+}04, ZF00, HKL\textsuperscript{+}07a, Pue06, Wen01].
general\-purpose\ [ASS\textsuperscript{+}02, FS00, FWP01, Jad03].
Generalized\ [Ber02, GT01, GZDA01, LWY01, NSMO02, Alf05, BBR03, BMC05, CFJ09, CAW00, DJ08, GH10, GMAHV\textsuperscript{+}09, HP02, KS05, KGM00, KH01, LDV06, LL08, Mah08a, NM01a, NRR01, RMWH01, Sch06a, CCD07].

Generators\ [DGLB08, DH00, WH06, LBP\textsuperscript{+}09].
Generic\ [PJSK08, AAG\textsuperscript{+}04, Alv09, BBPS07a, BBPS07b, BBPS09, DI01, KEM\textsuperscript{+}01, SDLW07].
Genetic\ [CB05, Bru00a, NP01b, Sug01, TL08a, WMNS09].
genetic\-algorithm\ [WMNS09].
genetic\-algorithm/simplex/spatial-grid\ [WMNS09].
Genetically\ [TL06b, TL06a].
GenMin\ [TL08a].
Gennes\ [MM04].
genomes\ [CHL05].
GENXICC\ [CWW07].
geodesic\ [FMM08, Rib02].
geomagnetic\ [HGH\textsuperscript{+}05].
geometration\ [KKM02].
Geometric\ [LWY01].
Geometrical\ [JS05, LANM\textsuperscript{+}01].
geometries\ [AH02, BM02b, Cha04, KEM\textsuperscript{+}01, LC07, MC08, SPV07].
Geometry\ [Sri01, BMML05, DC03, KSPT04, SK04b, Poi08, Poi09, Pop03, RJF08, SGF04, SZ04, WTH\textsuperscript{+}04].
geophysics\ [MS05b].
George\ [Koc02].

GFACTOR2001\ [Kon02].
GFCUBHEX\ [GLHW01].
Giant\ [ALN\textsuperscript{+}01].
GIAO\ [Dup01].
GIAO-SCF\ [Dup01].
GIBBS\ [BFL04, FFF01].
GiNaC\ [BD02].
Ginocchio\ [MS08b].
Ginzburg\ [BDHP08, CSCK08].
GIOD\ [BHNW01].
GITA\ [CRUV00].
given\ [BBJW05, KH01].

GKW\ [PCC\textsuperscript{+}09].
Glass [GAR05, GGL+02, BKB02a, BKB02b, CPT+01, HG02a, RLU00, SH06, VKN07, YD07]. Glass-forming [GGL+02]. glasses [Kat02, You02, You05]. Glassy [dO09, RR05]. GLauber [BRB09, AI00, BG06]. GLISSANDO [BRB09]. Global [ATP01, MT02, NV09, Roy09, TAP01, WTH+04, AA07, BJ03, BGS+04, BP08b, DR09, IK+08, JBBR01, JBA+07, KPP03, LPC+00, OS04, Swi04, TBZ12, TLP04, 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]. Golang [ZZN09]. 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]. grains [BMvG00]. 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]. grains [BMvG00]. gold [SPV07]. golem95 [BGH+09a]. good [LCPC04].
KLD04, EL04, IIK+08, Lee04, PCK00, RLI07. gyrokinetic-ion [PCK00]. gyrokinetics [BH05]. gyrophase [SAU+04]. GYuTSis [VF03a].

H [EVL00, Hon04, Koc02, Laf03, Gro01, LKPH08]. H-VLPL [LKPH08].

hadron [Bar00]. Hadronic
[We01, BEM+02, CDEW04, CWW06b, CWW07, HS03]. hadronization
[TSB+05]. hadroproduction [CWW06a, QWWZ09]. half [HM08].
half-integer [HM08]. Hall [ADG08, CSC+04, KB04]. Hall-MHD [ADG08].

Hallen [SR05]. haloes [GB05]. HAM [RE09]. Hamiltonian
[HL00c, KTT02, MKS07, WZH06, ZF00]. Hamiltonians
[MRS04, RLRR06, UCG+05]. hand [BV00]. Handling
[ADD+03, BGLLW01, Sfi01, SS09b]. handy [YFM09]. Hankel
[SSP08a, SSP08b]. Hanning [CL08a]. Hansen [Vak00].

HAQMC [GPW+09]. hard [MCC05, RM05b, SSLN02, TNI+07]. hard-core
[RM05b]. hard-point [TNI+07]. hardly [Huk02]. Hardware
[SEE+03, ATB+01, AAG+04, CMR01, SI01, GPW+09, LBP+09].

Hardware-Accelerated [GPW+09]. HARES [WKP+01]. harmonic
[Bek06, BFL04, Blü04, Blü09, CIC+03, CHS09, DD00, DO04, DO05, DSC+09, GR01, GR02, GME06, HLO8b, HZG09, LDZ+08, Mai06, PS08, SDNR05, TS06, You09]. harmonic-oscillator [DD00, DO04, DO05, DSC+09].

harmonics [Bal07, CRW09, CP00, GS01b, IFF01, San00, GG00, NM03, PS08, REAB08, SS09a]. hash [ZBB+06].

HASPRNG [LBP+09]. Hausdorff [WS09b]. hbook [Pöt00]. HBrowse
[BBB+01]. HCP [GLHW01]. HDF5 [SC04]. HDMR [KKS04]. He-like
[CWSH08]. healing [MCL05]. health [SJDC07]. heart [ZS07]. Heat
[TNI+07, BBR04, JHv003, Liu07a, RE09, SGK09]. heating
[BBB+04, BBR04, DBR+02]. Heavy [LMP+09, Bar04, Cha07, CWW07, CS02, DGS09, KTFB06, OSK04, TA00a, TA00b]. heavy-IoN
[KTBF06, Cha07]. HEDP [RG04]. Heisenberg [TBL02, SSL02]. Heitler
[Frö03]. HELAC [KP00, CPW09]. helicity [KP00, MM08]. Helium
[CC08, Yos03, RY00, Yos07]. helix [YD06]. helix-coil [YD06]. help
[GGL+02, JS06]. HemelLB [MC08]. HENP [BNO+01]. hep
[AAB+07]. HepMC [DH01]. HERA [AAM+01, BFMH+01]. Hermite
[FF04, LDVJ06, Pom06]. Hermitian [BFLW07]. HERWIG [KRV03, CF02].
heteroepitaxial [MABK02]. heterogeneous [Ste05]. heterogeneously
[MTC07]. heterojunction [LH03]. heteropolymers [BJ05a].
heterostructures [SSPM05, Dan07]. heuristic [VF03a, VF03b].

hexadecane [VMMB02]. hexadecane-CO [VMMB02]. hexagonal [Zah01].

HF [BFH05]. HFRAD [BD05]. HFBTHO [SDNR05]. hfodd
[DDC+09, DD00, DO04, DO05]. HFSZEEAN [AJ08]. Hierarchical
[The05, An001n, 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
\[BBC^+01a, BTK^+02, CD05, COE^+05, DH01, FGV01, GKO5, HJO2, KAB^+00, KK04, New07, SS00, Sin08, SEF^+01, TS08, Tol02, Bae04, BVY05, BBB^+09a, BADC07, BMS^+09, BCG03, Che05, CBM^+05, Cra01, DWZS05, DR09, FS01a, GPW04, GCD06, GMO03, HGG^+05, ISSC01, JH09a, JC01, Ker02, KKF^+04, LRI^+06, LVV09, LTT^+02, LKKK07, LDZ^+08, Mam08, MMTH04, MO89, NV09, PPM04, PPC07, PD08, PDM^+08, Ros04, Sak07, SBM09b, iSAK^+08, SLMS06, SVA01, SKRK04, TAM04, WW05, vHK00\]. high-
\[LLT^+02\]. high-accurate \[WW05\]. High-dimensional \[BTK^+02, vHK00\]. High-efficiency \[WW05\]. high-energy \[Che05, Cra01, GMO03, SKRK04\]. High-energy-physics \[SEF^+01\]. high-fidelity \[Ker02\]. high-frequency \[LKKK07\]. high-intensity \[PD08\]. High-intensity-physics \[PPM04\]. high-pressure \[LDZ^+08, PDM^+08\]. high-resolution \[BVY05, KKF^+04, Ros04\]. High-resolution-physics \[BVY05, KKF^+04, Ros04\]. high-speed \[GCD06\]. High-temperature \[HJ02, LDZ^+08\]. Higher \[SR09, LVV04, MA04, MA08, NGE^+04, TYSH05\]. higher-order \[MA04, MA08\]. highest \[De 02\]. Highly \[CWSH08, Zak06, MA04, MA08, TYSH05\]. higher-energy \[TYSH05\]. highly-accurate \[CWSH08\]. Highly-accurate \[CWSH08\]. Hilbert \[KSTL03, KSHP02\]. Hilbert-transform \[KSTL03\]. Hilliard \[KEM^+01\]. Hirvensalo \[Vio04\]. histogram \[VMMB02\]. histogrammed \[BBBD06\]. histograms \[BH08\]. history \[MHS05, Wro08, YFM09\]. HIV \[CRPC08\]. HIV-1 \[CRPC08\]. HMC \[L"us05, MSS^+07, UJSW06\]. HMTA \[GW01a\]. Hogg \[TSI02\]. Holden \[La03\]. hole \[BF^+00, BRS05, RRRH08\]. holes \[CGCS07, Leh00\]. Holistic \[Rob01\]. hollow \[KHIL07\]. hologram \[PCA^+07, SI01, TIN^+09\]. holograms \[JP09\]. Holographic \[iSAK^+08\]. holography \[SMS^+00, SHI02\]. HoloTrap \[PCA^+07\]. homogeneous \[BBJW05, CCG^+08, CGG^+09, GBM02, Gut06, GMO03, KW03, Ste05\]. homopolymer \[SWL09\]. homotopy \[SPS09\]. HONEI \[vDG^+09\]. Hopf \[AF05\]. HOPPET \[SR09\]. hopping \[Bes02\]. horizon \[Shu00\]. HORN \[SMS^+00, SHI02\]. HORN-3 \[SMS^+00\]. HORN-4 \[SHI02\]. Hoshen \[TG00\]. Hosting \[ZC09, CSZ^+07\]. hot \[TAM04\]. Houches \[ANO7-31, ANO09u, HAH00, HAH09\]. HP \[WL08\]. HPL \[Ma05\]. HPLC \[NP01b\]. HRMC \[OP0^+08\]. Hubbard
\[AC07, CA09, FM00, GOC00, GKM00, LR07, Ots01\]. Huberman \[TSI02\]. huge \[TYSH05\]. human \[KACB07, KN07a\]. hurricane \[Mas00\]. Hybrid \[CSC^+04, CKA^+09, KSPT04, OLS^+01, OSK^+02, OPO^+08, RD05, SBL^+04, AKS01, Cun09, GBFS07, KPF03, LKPH08, PCK00, RB00, SW00a, Swi04, TAM04, Tak00, TWY09, WMNS09, WBD04\]. hybrid-Darwin \[TAM04\]. hybridization \[VPP^+12\]. hybrids \[KPF03\]. HYDJet \[LMZ^+09\]. hydration \[DELG05\]. hydro \[MNV00\]. hydrocarbons \[EY07\]. Hydrodynamic \[MP09, LKPH08, LLPL08, MC09, PM01, Xia01, YNK05\]. Hydrodynamical \[JKT00, NBPG08\]. hydrodynamics
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].

Hylleraas [PAT +09]. Hylleraas-type [PAT +09]. hyper [SNS01]. hyper-molecular [SNS01]. Hyperbolic [Laf03, BGH04, CT01, JH09a, PMG07, SS07a]. Hyperfine [GSF06, AJ08]. hypergeometric [CR08, CGM01, CG04, HM06b, HM08, MS08b, NP00, Wen01]. hyperplanar [BCC +08]. hyperspherical [APV00, CGA +07, CGVA08, CGVA09a]. hypervelocity [VKN07]. HypExp [HM06b, HM08]. Hysteretic [LA09].

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, KH01]. Ignition [VSBD00]. II [Ida03a, ABV02, BGLLW01, CCFG05, CMT01, CHP04, CK06, 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, QTMH07, RSD01, XD08]. ImageJ [DGR09]. ImageJ-based [DGR09]. images [AAA +00, AEEdR05, BK05a, GBR +09, HF06]. imaginary [FH04]. imaging [BS09, LGC +08]. immersed [Den08]. immersion [MIM +07]. Immiscible [HCO00, BC00]. immobilization [STK +00]. Impact [HDG07, MHC +05, MOC03, OMC00, SM06b, VKN07]. impacts [KPS +01]. impedance [DEW00, Pet04]. imperfections [BVY05]. implantation [KPS +01, MIM +07]. implanted [BS0 +04]. Implementation [BP08a, Do01, GQQ01, KBC +09, LC01a, MS08a, WRC +04, ASF +05, Alv09, ARV02, BB00, BTK +02, BSK +03, BCCW03, BVK02, CIGA07, DDDMS02, DLU01, DBHE05, DM07, EVL00, EL05, EFS +08, GZ07, HS02, KMH01, LR07, LEG02, Mal06, MM08, MP01a, OCK +03, OD07, Oli01, OBG09, PPM04, PKKM02, PCY02, QHH00, RJJF08, RS03, SS09a, TRG08, Tak03, TG00, VW05, WHL05, Zha08]. Implementations [VCF +04, Xia01, CC04, SK08, Yan00]. Implementing [Nil07b, PLPS08, Di 01]. Implicit [JH09a, ADG08, Cha04, CCD07, DSGP06, GSH04, LBPS09, ML06, S07, VIV01, WRC +04, XZ12]. Implicit-explicit [JH09a, implicitly [Gal00]. implosions [WSCW09]. Importance [VPNW02, ZWD05, Zim05]. importing [SC04]. improve [MC09, Pro00]. Improved [CRS05, IDS +04, KM01c, Ry00, SHW01, YWLC04, Cip07, Cip08, Ida00, Ida03a, Ida03b, LCE +09, MKH +05, Nat09, Nat10, TL08b, UOM01]. Improvement [SLL07, WLN00, BH07, D¨ur05]. Improvements [Col07, dMB +06]. Improving [DS04, DGLB08, GL02, PWH +00, SSZ01].
impurity [MP05, WK02]. IMT [MKK05]. InAs [LVLS01]. InAs/GaAs [LVLS01]. incidence [BB07]. including [Con04, FFD00, SKH02a, WD04]. inclusion [GMBC08]. incompressible [Ida00, Ida03a, Ida03b, ZHC00]. 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, Ano02d, Ano02e, Ano02f, Ano02g, Ano02h, Ano02i, Ano02j, Ano02k, Ano02l, Ano02m, Ano02n, Ano02o, Ano02p, Ano02q, Ano02r, Ano02s, Ano02t, Ano02u, Ano02v, Ano02w, Ano02x, Ano02y, Ano02z, Ano02-27, Ano02-28, Ano03a, Ano03b, Ano03c, Ano03d, Ano03e, Ano03f, Ano03g, Ano03-36, Ano03-37, Ano03-38, Ano03-39, Ano03-40, Ano03-41, Ano03-42, Ano04d, Ano04e, Ano04f, Ano04g, Ano04h, Ano04i, Ano04j, Ano04k, Ano05a, Ano05b, Ano05c, Ano05e, Ano05g, Ano05i, Ano05-46, Ano05-47, Ano05-48, Ano05-51, Ano05-53, Ano06a, Ano06-28, DGA06, 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, LYS08]. inelastic [LDBG08, MFVJ07, RS00]. inertial [ASC+05, WML+05, WSCW09]. inexpensive [ATB+01]. inference [Végr04]. infinite [GBM02, LIR+06]. Influence [CBBJ02, TMN01, SHJ07, SGK09]. Information [DDEM00, CHL05, GDC01, Han00, ME00, OGG07, Ort00, Tó08]. Infrared [N01]. infrastructure [KKHL07]. inhomogeneities [BLCR05, NM01b, VS01]. inhomogeneous [MM04, Yak01]. Initial [BRB09, IHAR09, ASVA00, Kos05, MVS05, PAS09, Rob00, Rob01, SVA01, WW05, Wan05b, Wan06b]. Initial-State [BRB09]. initial-value [ASVA00, SVA01, WW05, Wan05b, Wan06b]. initialization [BDBV12]. initiated [Bar00]. initio [BTS05, MKB02, Nik03, PCCD09, SHZ01, ITKST01, YKK07, ATP01, CCBL02, HG02b, Hm00, KFJ+09, MHGV09, MSH01, NW02a, RP0+05, TAP01, TMN01, BGF+09b]. Injection [PBB+04, SJCM04]. InN [QASF+05]. Input [KN07a, FGA04, Wen01]. INS [RC04]. insecticide [IN02]. Insight [YNZ+09]. inspired [CPS00]. instabilities [BZ00, Li04]. Instability [NHS07, BH05, CDQF07, CT00, DMR01, DMR02, MDH04, MTZ00, Nur04, Sus01]. instanton [MK02, RS00]. instanton-induced [RS00]. Instructions [Ano00a]. insulator [KGM00, YH02]. integer [HM06b, HM08]. integer-valued [HM06b]. Integrability [Par04, HSSA01]. integrable [Bru04, CTR00, KV07, OMF03, qX08]. Integral [ST09, SVM01, AA08, Alf05, BMC05, CC08, CL08b, DM09, Dun05, Dup01,
Integrals [CCGR09, PR06, Sle00, ADDdM07, BD02, Bek06, BBR03, BGH+09a, BW08, Cza06, Del08, Dy09, GKR07, HB05, KCH00, KK06, Mam08, MR06, Moh08, NN09, OIKNO2, SKH02a, SKF05, UK02a, WD04, ZF00, dDSFY04].

Integrands [IP01, Kau03]. integrate [NKV03].

Integrated [Han00, KMCS01, KPF03, LR06, ZPB09]. Integrating [VC08, SG06].

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, EMJH03b, GDC01]. inter-dot [EMJH03b]. Inter-Process [BFL+01, GDC01]. interacting [DDD+01, PS08, Tat07]. Interaction [WN01, BK06a, BKM05, FFG02, HY07, KPD06, KTG04b, KDSB04, LCB07, LS01, yMS01, MCL05, NHS07, RCG05, Sar00, Sav01, TZZ06, TEP00, tTKST01, Vie01, WSB04, WML+05, WHL05, YRR07].

Interaction-round-a-face [WN01]. Interactions [Mah08a, AH02, CF02, HL08b, HJZ09, LSC06, LLPL08, MV04, MMEH08, PHF+07, PD08, SSB04, SZ04, SS05, YNK05, Zak00a]. Interactive [PCA+07, WCG00, WSC09, BCD+01, CGC+09, Gre07, MPK00, PKR07, vdB08].

Interconnected [BNH01]. Interface [FSBG00, ZHC00, BT04, BCKT09, BB03, Den08, Hah08, Hor09, KF09, Liu07a, MRF+05, RLU01, Tam03, WMK09, dRL09, MCLDP01]. interfaces [Den08, GGG01, Har01, KR03, RJCH00, YW01]. interference [KM08a]. interferometric [ABC+03]. interior [DELG05]. Interlayer [BNSY02, LNK01]. intermediate [AJ08, BCG03, CRPC08, CM02a, JG02]. intermolecular [KPD06]. internal [Goc04, HCO01]. International [BDL00, BJS00]. Internet [Chr00]. internucleoside [BSB02]. Interparticle [SWY01, YW00]. Interplay [Mül02]. interpolated [CL08a]. interpolating [BS04b]. interpolation [BW01, Hin00, HDG07, PSK01b, QTMI07, Str00, UNK12, Val05].

Interpretation [HSSA01]. interpreting [RC04]. intersecting [BR01].

intersection [BCH05, PL05]. interval [Con04, FKAM05, LIR+06]. intervals [AS00, Bar02]. intestinal [WG01]. intracraniol [OCS+08]. Intradonor [JK01]. Introducing [HLC08]. introduction [SMS08]. intrusion [TWY09].

Invar [MGP07, MGYP08]. invariance [HP02, HL00c, SAG+02]. invariant [BB04a, Ck08, IK000, PSK01a]. invariants [MGYP08, PSH06]. inverse [BV00, CRUV00]. inversion [Don02, MHK02]. investigating [TQ03].

Investigation [ACC09, BDK+06, WCG04, BKB02a, CM02a, HSS+08, KM01d, MB05a, MKM02, SG05]. invocation [DBE+04]. involving
[AA08, Ida00, Ida03a, Ida03b, LS01, Sar00, Yao09]. ION
[KTBF06, Vie01, BF04, Bar00, BSO04, Cha07, CBKM01, HPC05, JGJ09,
KLD04, LDG07, LMP09, MCBR03, MOC03, MS05a, MIM07, OMC00,
OSk04, OKS04, PMA04, PKC00, QTL06, Rou01, Sch08, SNBB02, WCG04,
WRN01, WBDB04, OMC00, MOC03]. Ion-atom [Vie01, OMC00, MOC03].
Ion-atom/ [MOC03]. ION-ATOM/NEON [OMC00]. ion-beam [OKS04].
ion-implanted [BS04]. ionic [GCP02, NW02a, XD08]. ionisation
[BS03]. ionization [Bar00, KB02, Kur02, MOC03, OMC00, RMK05].
ionized [Lon07, WK02]. ionosphere [KKSR04, SKRK04]. ionospheric
[BCD07, Eli08]. IonRock [BS04]. ions [CWSH08, GS01a, KF03, SJP05, SHJ07, SKF05, Wro08]. IPA
[PJK00]. IR [SJHY07]. irradiated [CP00]. irradiation [OSK04, RTV08]. Irreducible
[GG01, De02]. Irregular [Wen01]. irreversibility [KA05]. Irreversible
[Sta00, LA09]. ISBN [Hoo04, Laf03, Par04, Sha04, Vio04, Wan00]. ISICS
[Cip07, Cip08, Cip09]. ISICS2008 [Cip09]. Ising [BCBJ02, BMML05, BM06,
CM02b, CHP04, FV02, HBMMJ05, KM01c, LTA05, NH09, SS07a]. isotopic
[BFL04]. isospin [Dev05, GFG06, Mah08b]. isothermal [BFL04, TE05].
isobaric [BFL04]. isothermal-isobaric [BFL04]. isotopes [MCB01]. Isotropic
[BB03, SJHY07]. Isotropic-isotropic [JBS08]. isotropy [Koz02]. ISSN
[Hoo04]. issues [Lee04, RGR04]. iterated [Sch05]. Iteration [SZ00c]. iterations
[CvdEF05]. Iterative [BK06b, JBBR01, BDW06, BFLW07, CL02, FS01a,
Li03, LY05, MP01a, MGG05, WW08, WRC04, ZSM05]. Iteratively
[DSH02, DSH03]. ITG [BGS04]. IV [CKA09, DO04, IF01, RF08]. IVPs [FSW08]. IX [PFG06a]. Ixaru
[AA01b].

J [RP02]. J4HistoryKeeper [YFM09]. J0 [WLH00]. Jacobi
[KH01, Yan03b]. Jacobian [Yan02, Yan03c]. JADAMILU [BN07]. Jahn
[GFG06]. January [BJS00]. Japan [Sak07, Yos00]. Java
[Esq04, Chr00, Esq04, KM08a, MCLDP01, RSD01]. JaxoDraw
[BT04, BCKT09]. JChainsAnalyser [DGR09]. Jet
[CJT06, GJT03, HFR03]. JETs [LMP09]. JetViP [Pöt00]. JetWeb
[BB03]. JJGEN [SJF07]. John [Ano04b, Ano04-45]. Jones [RAR05, IW01].
Josephson [Bor02, Gen01, KSTL03, MSS00]. jumps [Ryc05]. junction
[Bor02, Gen01, MSS00].

K*Grid [KKHL07, HKM07]. K- [Cip07, Cip08, Cip09]. Kac
[RDF02]. Kadomtsev [LL08]. Callman [DC00]. Kalman [CNFR01, GKK08].
KangaROO [ADD03]. Kansa [DTHL09]. KANTBP
[CGVA09a, CGVA07, CGVA08]. keep [Var02]. keeping [YFM09]. Kernel
[Cra01, Kos05, MP04, SHT08]. Kerr [HBR05]. KEWPIE [BAB04]. key
[MHS05, VK09b]. Keystream [AMRP04, LW04]. kicked [Bow02]. Killing
[dSB00]. Kinase [iTKST01]. kind [WW05, WS09a, YM03]. Kinematical
[Dan05b, BD06]. Kinetic [EFBP04, HKPL07, Lon07, MABK02, RIB01,
RPD+05, SMH04, AGJJ07, ASC+05, BD08, BSDMH05, BDBV12, BGS+04, DJ04, DGV08, DKG08, HS07, HW09, IF03, KSPT04, MCL05, MRS04, MHS05, PCC+09, PSK01b, SMH+01. kinetic-fluid [DGV08].

Kirchhoff [Pis00].

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Kirchhoff [Pis00].

Kirchhoff [Pis00].

Kirchhoff [Pis00].

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Kirchhoff [Pis00].

Kirchhoff [Pis00].

Kirchhoff [Pis00].

Kirchhoff [Pis00].
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, SSPM05, Str01b, SBCZ08].
layer-multiple-scattering [SSPM05].
layered [DW01, Liu07a].
layers [ACC09].
Laying [VSBD00].
lazy [Bru04].
LBIE [DM09].
LCG [BDG+08, Shi07].
leading [CC04].
leakage [CJC09].
leaky [Alf05].
Least [KT04, TD03, Dem06, JC07, WWF08].
Least-squared [KT04].
LED [CFJ09].
LEED [BH01].
LEED90 [BRdAHK04a].
Legendre [De08, SSP08b, Str00].
legs [BGH+09a].
Lekner [TZZ06].
Lemaître [Rib02].
length [MSS+07].
Lennard [GAR05, IW01].
Lennard-Jones [GAR05, IW01].
LEP [JWW00a].
LEP/LC [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, RGD+01, SV01, TY01, Yok09, YT01b, ABF+01].
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, GGQ01, QWWZ09].
LHCb [Ano03h].
Li [BNS07].
libraries [vDGM+09].
Library [Ano04-46, BJS00, BB09b, JKW00, JKW06, MM09, PWS00, Bel05, BEM+02, Boy09, DVL+02, DVL+04, GBM02, Hah05, HC08a, KS05, MG09c, PMA+04, Pin01, SG00a, SM04, SM06a, SMB09a, SWS+12, VHL09, BJS00, DVL+04].
libration [She08].
lidar [BK06b, OPB+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 [Har00].
lightrays [MG09c].
Lightweight [CSZ+07].
like [CGC+09, CWSH08, CGG+08, CGG+09, HD04, KF03, MV05, OFM02, RB05, SBD+06, SKF05, Wal03].
likelihood [BDYK04, Nap09].
LILIX [Ixa02].
Limit [DDFI09, HKK02a].
Limitations [FM00].
Limiter [SZ04].
limits [KJ07, KS04a, Sor02]. LINDEN [RGD+01]. Line
[CDD08, JK01, Mar01]. Line-by-line [CDD08]. Linear [ADS06, BK05c, CMM09, FG04, Gao03, HHH+09, RLI+07, SKNV01, WC00, YG09, Bat03, BMG01, BW01, Bru00a, CN01, CIC+03, CCBL02, Cha00, FG03, GSGT03, HZGZ09, KA09, Ko03, LRI+06, NP01b, SKNV05, SSP08b, Wan05b, ZA01]. linear-mixing [Bat03]. linear-rigid-rotor [CCBL02]. Linearization [Ram03]. linearizations [BB04a]. Linearized [BC05, ADS06, IH09, IHAR09]. linearly [CMR01, Man02]. linearly-scaling [CMR01]. lines [HD04]. linshape [BM09]. link [Dür09, KT04, KSYE00]. link-cell [KSYE00]. linkages [BSB02]. linked [RS09]. linking [BDK04]. links [HK02]. LIPID [SDLW07]. Lipkin [RGD+01]. lithium [OMC00]. little [GGL+02]. load [CD09a]. load-balancing [PSP+03]. Log [MP01b, YW01, AA07, ACK05, BP08b, DM09, HTM+08, JK08, LLY01, LM02b, NM01b, Ryc05, SKH02b, TLP04, TL06c, VPP+12]. Local [KH09, MYL+08, RB08]. localization [CMR02, TIM07, TIM08]. Localized [GFS03, MSHP02, SHM+01]. Locating [TL06c, LLY07, VPK+01, WMNS09]. location [HS01b, QTMH07]. logo [KS05]. log-sine [KS05]. Logarithmic [Dür09, Zit09]. logging [ZZH09]. logging-while-drilling [ZZH09]. logic [MSS00]. Long [HKL+07a, HKB+07b, PHF+07, WLR+08, AL08a, Cai09, CJC09, HLW05, LOCJ05, LOY07, MBG03, MRS04, RD05, SYN01, SVA01, Sim08, SS05, Tat07]. long-baseline [HLW05]. Long-range [PHF+07, AL08a, CJC09, LOY07, MBG03, MRS04, RD05, SYN01, SS05, Tat07]. long-term [SVA01]. Long-time [WLR+08, Sim08]. long-wave [Cai09]. loop [BD02, BGG+09a, BHO0, BW08, CCCR09, FK00, KKK06, KK06, LOY07, LR06, MR06, NN09, PZ01, PR06, WMNS09, dDSFY04]. loops [PZ01]. LORES [ZDKG05]. loss [Fri03]. Lotka [Sle00]. Low
mass [BDF+08, ISS+02, Jan05, JU09, PR06, UJSW06, vHLP08]. masses [CKS00, EH06, EH07, HHW00, KJ04, NN09]. massive [ABM03, Ste01]. Massively [DMD+07, Jen00, BTK+02, CSS+03, Dec07, Dup01, GBFS07, GBD03, KCC+00, MT00, NJ00, Yos01]. massless [Bek06]. Master [CCGR09, FS01a, LOCJ05, OGWH03, PR06]. MATAD [Ste01]. Matched [CSS+03]. matching [CAW00, Tam03]. material [Ano09a, BD00, BDK+06, Lud02, MSY07, SBM02, dNK07]. Materials [Haf07, MRF+05, CM02a, Den08, Goc04, GMBC08, Gun02, HKK+01, HM00, JGJ09, KCC+00, MS05b, NY06, OLS+01, Ram12, YGT+02, dSdSW08]. 

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, RR02, Suz00, GT01, KVR+00, KN07a]. Mathematica [BC07]. Matlab [HTNFBS06a, HTNFBS06b, PBI07, TNBSF04, Tót08, Sha04]. Matrices [BRdAHK04b, BN07, Bun01a, De 02, DC00, Flo01, GRR01, LB04, PFG06a, RF08]. Matrix [BR09, Di 01, IH09, Alv09, AC05a, AC05b, BFLW07, BMG01, BBB+00, CNMC09, Cha00, CGA+07, CGVA08, CGG+08, CGG+09, CGVA09a, CHM00, DEW00, DM07, EFS+08, FM03, FSB09, GF01, GFF01, GME06, HL08b, KTL05, LS01, MN01, OS03, PDA06, PAT+09, Ram12, Sar00, Sch08, SS+09, SNB02, TYSH05, 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, DKMF03, Den08, HZGZ09, LCB07, MOS00, PCV06, RB00, ST02, She03]. mazer [BS00a]. mazev1 [DG08], mazev2 [DG08], mazev3 [DG08]. mbar [KRTZ02]. MC [FFK02, GPW04, JPS+09]. MC-TESTER [GPW04]. MC3D [Wol03]. MC3D-3D [Wol03]. MCC [LSL+07, MIM+07]. MCDB [BDG+08]. MCDF [UK02b]. MCDHF [AJ08]. MCEF [DTD+02]. McGuire [Koc02]. MCHF [Fis00, FTGG07, JG02, ZF09]. MCNP [KN07a]. MCNP-4B [KN07a]. MD [KPS+01, LL00, PS09, TM01]. MDGRAPE [SEE+03]. MDGRAPE-2 [SEE+03]. MDVRY [SLBG09]. Mean [Tam03, BKB02a, GSM+03, MSS+09]. means [An01n, BKKS09, FH04, KKS04, Tam03]. measurements [BS+04, FKMB09, PBI07, ISAK+08]. Measuring [Yur02]. Mechanical [PM08, CN01, Dm05, HSBG08, LLT+02, OSK+02, VTO0b, VTC0c]. mechanical/mechanical [OSK+02]. mechanically [RJFB08]. mechanics [HF00, JC08b, KM01d, KM03, LC00, MGG05, OM03, Ram03, Sta00, VCCS05, WDHE04]. mechanism [Ger07, KLO7a]. mechanisms [HOT07, Ste05, ITKST01]. media [Bar00, BB04a, CGK+00, JOS07, Mel01, PPM04, RK05]. medical [FFS01]. medium [CL03, NN06]. meets [MS05b, OXL07]. Mellin
melting [Blöö0, BKK09, Blöö09, Cza06, GKR07]. melting [KNSY07a, LNLK01, MVS05, MYJ01, Ste05]. melts [CW01, MPS09, Rye05, WBC07, ZM00]. membrane [GS01a, RR02]. membranes [HJM02, SDLW07, iTKST01]. memory [BOG07, BB00, BTS06, CSCK08, CC00, TG00, TYS00, Xia01].

MEMPSODE [VPP+12]. MERADGEN [ACIZ07]. mercury [SLL07]. mercury-free [SLL07]. Merging [GB05]. MERLIN [KP06, PDL04]. MERLIN-3.1.1 [PDL04]. Mesh [BT06, IH01, KNTG03, PM01, BFH05, DMR02, FMD07, FS08, HCH06, KKF04, LHS06, MOM00, OD07, Ros04, SJCM04, VAH04, VCF04, WTV04, Zie04, Zie08]. mesh-refining [LHS06]. meshes [MCLDP01, MOS00, MOS01]. Meshless [DM09, YNS09]. mesogenic [HSS08]. meson [CDEW04, CWW06b, DS04]. mesophase [HHCC05]. Mesoscale [JOS07, LNC03]. Mesoscopic [PCF05, YGT02, HKK01, ISS01, iOY01, Yos00]. mesospheric [BCP04]. Metacomputing [Lüt00]. Metadata [dSS08]. Metal [KGM00, LY05, NP01a, TGB01, YH02]. Metal-insulator [KGM00, YH02]. metal-oxide-semiconductor [LY05]. metallic [CIC03, KPS01, PDM08, SG05]. metals [Cle05, WC00]. metamodeling [RPY07]. metastable [CRS05, vdB08]. Method [IH01, SLL01, VPK01, AP04, AA01a, AB09, AMRP04, ASF05, ADS06, AKZ00, ARV02, AH02, ASVA00, Ba03, BDK06, BDW06, BLS09b, BLW07, BK06b, BKM05, BDKY04, BT06, BVK02, Cai09, CMF00, CZC00, CCL08, CWSH08, CAW00, CA09, CR09, CCRA05, DWZS05, DS01, DM09, Den08, DW01, DSH02, DSH03, DSHH05, Don02, DTHL09, DMD02, Dys02, DM07, EL06, EL08, EFS08, FS08, FNR06, FNR07, FZ09, FER07b, FS09, GV04, GHP01, GT01, GMAH09, GMN07, GLP03, GLMAD+02, GS03, Gre07, bffH07, Hn00, HJS09, Hua09, HH09, Ida02, IK00, IK00, Ixa07b, JH09, Jam00, JC08b, KV08, KA09, KN05, KD09, KM01d, KM06, KN07b, KTT02, LRI06, LLY07, LLC01, Li03, LY05, LFT01, LFT03, LK06, LZ04, LS05, Li04, Aaa06, Man04, MTD03, MHR07]. method [ML07, MS05a, Mel05, MN01, MYJ01, MI05, MA06, MP01b, MABK02, NT04, NM01a, NJ01, Nik03, NFS01b, OCK03, OD07, OS04, OPO+08, OG03, PAS09, PJK00, PGM07, PAD07, PK03, Pso00, Pit05, PSV00, RR06, Ram10, Ras09, RE09, Ras17, RB08, RDF02, RML01, Ros04, RM01, RB00, SPP05, San00, SNS01, Sch05, SOY01, SI01, SHZ01, Sho04, Sho07, Sim00, SW00a, SVA01, SVA03, SPS09, SJ02, SZ00c, SR01b, SM02, SRR+00, SFS09, SSH+04, SS05, SFR05, TMTF00, TCF00, TQM08, TL06b, TdFK00, UOM01, UOT03, UK02a, UK02b, UYK04, VPC04, Var08, WN01, WKP01, WGS00, Wal03, WGD04, WW05, WC05, Wn06a, Wan06b, Wan09a, WP00, WMNS09, WH00, kWLW01, WLW04, WTV04, Xia01, Xc03, XSC09, XZ12, YNK05, YZW02, YWLC04, YD06]. method [Yok09, ZWD05, dK07, dO02, dHV08]. 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, HGVC+02, IHAR09, KMS09, KSC+00, KALC08, LVV04, LVV06, LIR+06, LJY07, LZ00, LNC+03, MVJ09, MPR05, MDC09, MKK05, MMMM00, MKS07, PKSF01, PKPV02, PK4M, PS01b, Ram03, SG06, SLMS06, SMZ05, SQ03, TBZ12, ULA+02, VPCK04, Van05a, Van05c, VIV01, itVPG08, VT00c, Van05b, WGL06, ВДФ-04, WY09, WY09, Wy09, WY09, YNS+09, Zah04, Zah05, ZSM05, Zit09, dMBC, vdEFL, vHLP08, BP08a, BFI00, mFOAM [JS07], metropolis [FNR+07, KM01b, DDD+01, FNR+06, KM00a, dS03]. mFOAM-1.02 [JS07], mgB [HTA08], MgO [MS05b]. MHD [Ras17, ATF+09, ADG08, CLR08, DM09, GIME02, GZ07, Huj05, KKSR04, KSPT04, KKF+04, MMTH04, Ras09, RJFB08, Ros04, SIH+01, SGK09, SPP+04, Zie04, Zie08]. MHD-code [GZ07], micelle [Car07, SCO00, Car07]. micelles [AP05]. micro [ADD+03, AAA+00, KHI07, LTG09, OML09, PRSB08]. micro-canonical [PRSB08]. micro-DST [ADD+03]. micro-macro [OML09]. microstructure [ADD+03, LTG09]. microcanonical [FdO09, RLU00]. microhollow [HKLY07]. micromegas [BBPS02, BBPS06, BBPS07a, BBPS07b]. micromegas_2.2 [BBPS09]. microscopic [Lud02, PY08, Rap08, VSV01]. Microscopy [RdAVG00]. microstructure [CFJ09]. microstructures [Nii00]. microturbulence [Lew04]. microwave [CH09, HJZL07, NV09]. middleware [CSZ+07, HKM+07]. Mie [Vv04]. Mika [Vio04]. Mills [MG09b]. MIMD [VT00b]. Mimetic [KT05]. MINERVA [ATF+09]. MinFinder [TL08b, TL06c]. mini [HFN03]. mini-jet [HFN03]. minima [CCRA05, TL06c]. minimal [LPC+04, DGS08, FIJ+03, HS02]. minimisation [HP06]. minimizing [Lor08]. minimum [JPS+09]. Mining [HCK01, PB09b]. miscibility [Mii02]. Mix [LL00, WSCW09]. mixed [BBB+09, CHS09, Kim07, LCM00, Nap09, VKM+05]. mixing [Bat03, Cun09]. Mixture [FL01, CTI07, Fri03, GAR05, TE05, WS02]. mixtures [JBS08, LL00, MY00a, MY00b, Pur02, itVPG08, VMMB02]. MJK [GG03]. mK [Yan03b]. MMM2D [AH02]. Mn [KMD+02]. MO [iTKS01, YK07]. mobility [Mam08]. mode [AK03, CDQF07, CAW00, WBDB04]. mode-matching [CAW00]. Model [CGIA07, FK00, KOS+09, RCGC00, AGJ07, AGV00, AIOST03, AC07, AAG+04, ASF05, BBS90a, BBOY08, Bat03, BBB+04, BBP07a, BBB07b, BBP09, BBF07j0, BBJS09, Be03b, BG06, BCD+07, BFL04, BC00, BFB+08, CMRS02, CM06, CSV02, CFJ09, CBBO2, CL02, CMD00, CS07, CH04, DKB08, El09, EM08, FF02, FGA04, FM00, FHR+05, FV02, Fr03, FMN01, GG01, GIME02, GF00, GL03, GBC+04, GO00, HD04, HB07, ICS02, IK00, ICM01, ISH01, JS08, KV08, KYS02, KM01c, KITK00, KB04, KTG04a, LPC+04, LR07, LBM05, LC06, LHZ+08, LMS+02, LCB07, LA09, LS05, LS09, M00, McK07, MLP07, MK02, NIS07, NV00, NS02, Nii00, OI01, Ots01, PPM04, QTL06, QCML03, RTS01, RKM05, RDSS01a, RDS02b,
RR02, RLU00, Sal02, Sch08, SDLW07, 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,
AFK+07, AOT01, AP05, BLS09b, BS00b, CMT00, CMT01, DVG05, Del03,
GT04, HvDjvdM01, HMY+02, Hj05, HHWH07, JO07, LPRS02, LPR04,
LDG+07, Mar08, MTZ00, NW02b, NP01b, OCS+08, PCF05, PHKL02, Pin01,
Pop03, Ram10, Ram12, RDS02a, RG04, RMVQ07, SG01, Str01a, SKRK04,
SBCZ08, The05, itVP08, VSBD00, Whi00, 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, FD009, Flo01, FL01, HJ02, KMZZ05,
KGM00, KM05, KACB07, LCB+00, LV08, LIT+02, LKK07, Liu07b, Luo00,
MK02, RD05, RS09, Rob00, RTVZ08, SS09a, Wel01]. modern
[EHHH01, TYS+00]. modes [AGJJ07, BS00a, BGS+04, EMJH03a].

Modifications [NP01]. Modified
[KD09, LZS06, TB87, Yan03a, Yan03b, BS02, CMFR08, L09b, MBG03,
Ras09, Ras17, SPS09, TL06a, WP06, kWPW01, Zak00a, ZL09, Th04a].
modify [KK+01]. modular [PKB+01, Wan01]. modulated [KS01].

Module [Ano04-46, Fri09, MMR04, PMA+04]. modules
[PBB+04, WCGL00]. Molcol [FBL00]. Moldy [Ref00]. Molecular
[AP05, BBB+04, BDHP08, BRdAHK04b, CDF05, DELG05, FS01b, FS02,
HOT07, KEL02, KRT02, OO05, PRRK07, Rap08, TN+07, TYS+00, ASH06,
ASS+02, BS02, BGH+09b, BTS05, BBB+09b, BMvG00, BK05c, CW02,
CCFG05, CLFH07, CFJ09, CCD07, CTI07, CR00, CW00, CC00, DC05a,
Du05, Du01, ELE01, FG04, FBL00, FPB08, HDGM07, HL00b, HM06a,
HK02a, IW01, IW02, IN09, ISH01, JAT03, JRT00, KCC+00, KMD+02,
Kar02, KFJ+09, KSYE00, KA05, KBC+09, KBG00, KS04a, KM05, LM02a,
LZ06, LS08, LSVWM08, LL00, MBR01, MPR05, MMR04, MK02, Mor01,
MSH01, Nak08, iNK08, OSK+02, OK06a, OK06b, OD07, OCK+00, OM03,
ODC02, PLPS08, PJK00, PHF+07, PLS09, PKPV02, PP02, PS09, Rap02a,
Rap06, Ref00, RJCH00, RF05b, SG00a, SM04, SM06a, SBM09a, SBM09b].
molecular [NS01, SHZ01, SKNV05, SWC+03, SLBG09, SPM00, SFL09,
SEE+03, SS02b, SS05, TAKN02, Tdo01, TGB01, Tsa02, VCCS05, Val05,
itVP08, VPK+01, WHCL07, WHL05, YWLC04, YvG05, ZEO0].
Molecular-dynamics [KEL02, MSH01, OLS+01, SHZ01, Tsa02]. molecule
[Hin00, LC06, LDBG08, NFS01a, NFS02, NT05, NW02a, Ton07, WM00].
molecule-doped [NW02a]. molecules
[ARV02, Bac00, BBOY08, BTK+02, BSS09, DN05, GLL+02, HC08, HSS+08,
IW01, IW02, JAT03, KJ07, KTH04, ILV02, LRR+09, MV05, NW02a,
NY07, RMLB01, ST02, SJP05, TKB+04, TNGC00]. MOLED [HTL+03]
Møller [ACIZ07]. MOMDIS [BG06]. Moment [BBOY08, DN05, Goc04].
momenta [FIBT01, FIT03, Fri09, GFF01, GF02a, GSF05, IF01, PFG06a].
moments [BKKS09, ISX05, ST02]. momentum [DK05, Dun05, GFG01, GF02b, HCO01, ID09, IM01, Jia08, KM00a, KM01b, Ste02, SFS09].
MonALISA [LNV+09], MONARC [MC01].
monitor [LNV+09].
monitoring [GC01]. monolayers [SDLW07]. Monotone [CL02, Li03].
monotonic [Dem03, DB08]. Monte
[FNR+07, GPW+09, JKW06, SVM00, TA00a, WA07, AW04, ABM03, ACIZ07, ASF+05, AGS07, Ano03a, BBB+09a, Bar00, BDG+08, Bv02, BR09, LO00, BMML05, BHM+07, BM01, BHL02, BK05b, BDK04, BKK02a, BKK02b, Bur02, BB03, CGCS07, Che05, CGK+00, Cun09, CK+09, D01, DDL08, DDW03, DH01, FNW+06, Fd009, FM01, GW04, GW01a, Gra02, GOG00, GR+06, HPC05, HKL07, HIC08, Huk02, JKW00, Jad00, JKW00b, JPS+01a, JPS+01b, Jad03, JS06, Jun02, JBS08, KH01, Kat02, KRW03, KL06, LTA05, LF02b, MBK09, MRS04, MHS05, MSS+09, Maz00, MK+05, MP03, MB05a, MB06, MG09a, MABK02, MER+00, MKM02, Nat08, Nil07b, OTY02, OPO+08, PAMA+04, PSW00, Pop03, RP02, RIB01, RP+05, RS00]. Monte
[RK05, Sch04, SVP09, SLWH02, SSLN02, Su05, TA00b, Tak00, Tom09, TNG00, Tr08, ULA+02, Uhl03, VY02, VPNW02, VMM02, W03, WL00, WK02, WH00, WLX09, YC07, dS03]. MontePython
[Nil07b]. morphogenesis [CGIA07]. Morphological [MD00, GBA01]. morphology [BM02b, CGC+09]. MOS [LLT+02]. Moshinsky [UTK05].
Mossotti [IWy01]. motility [WC01]. motion [DMR02, FRdS09, KKS04, KLRH04, NKV03, OM02, RLU01, Sta00, TMT00, TGB01, Y09]. Motion4D [MG09c]. motions [LV08]. motivated [Pee07]. moves [WL00]. moving [GSGT03, PPC07, SFF+04]. MPI [BCAD06, BADC07, Gao03]. MPI-2 [BCAD06, BADC07]. MSPHD [GSS00]. MSSM
[BDW06, BBPS02, DGS08, DCM07, HHH+09, HWW00, LCE+09, Mah08b, MDM05, QXW07, much [Orr00]. MULTEM [SYM00]. Multi
[DSH99, FL006, GME02, Ida03a, Ida00, LbotMC01, NJ00, SQ03, TY02, TCF00, AK07, BA01, BBBD06, BW08, Bre05, CD01b, CR00, FH04, GFF00, Hlu05, KNTG03, Li03, LLLZ01, NW02b, OSK04, ISX05, SSF08b, SIE04, THC+07, Val05, WGZ04, WC05, WMNS09, WRG05, Xia01, Yam00, Yok09, dNK07, BMS+09, Ida03b]. multi-beam [OSK04]. multi-derivative [WGDZ04, WC05]. Multi-dimensional
[Jad00, TY02, Bre05, CD01b, Hlu05, KNTG03, Li03, Yam00]. Multi-fluid
[GME02, GFP00, X01]. multi-loop [BW08, WMNS09]. multi-material
[CR00]. multi-quantum-well [LLLZ01]. multi-range [Val05]. multi-scale
[THC+07]. multi-sequence [SIE04]. Multi-speed [TCF00]. Multi-step
[FLO06]. Multi-symplectic [SQ03, AK07]. Multi-threaded [LbotMC01].
Multi-threading [NJ00]. Multi-time-step [Ida03a, Ida03b]. multi-valued
[FH04]. multi-variante [BBBD06]. multi-wavelets [SSP08b]. MULTI2D
[RtVR09]. multibaric [OO05]. multibaric-multithermal [OO05].
Multibillion [Rap06]. Multibillion-atom [Rap06]. Multibondic [BJ08].
Multicanonical [Ber03a, HBMJ05, BB09a, ISH01, RD05]. multichannel
[LVV07, MBG03, PB09b]. multicritical [DKC08]. Multidimensional
[MM05, As08, BB04a, Hah05, Hah07, MYC09, TL06b, XSC09, vdHKM08].
multidomain [Hu09, PKST03]. multielectron [Kur02].
multifragmentation [DSS01]. Multigrid [MGN07, KLM00, SS05].
multigrids [OSK02]. multilane [CL02]. multilayer [HL03, RR02].
multilayered [PP09]. Multimillion [VKN07]. multinormal [FGA04].
multiparticle [Fra07a, RFK08]. multiphase
[IK000, KITK00, TFM09, ZHC00]. multiphoton [NFS01b]. Multiple
[CGK+00, ABOSPG09, BDM09, CC09, FL01, FEHC01, GGQ01, GSSN00, 
HDGM07, KM08a, Kr005, NP00, Pet04, PCA+07, SSPM05, SG04a, TYS+00, 
UJSW06, VV05, vDGM+09, vE08, GAM+07]. Multiple-Compartment
[GMAN+07]. multiple-CPUS [FEHC01]. multiplaction [BM01, EFS+08].
multiplicative [WH06]. multiplicity [VT00a]. multiplexiers [DH00].
multiply [Cha00]. Multipole [OIKN02, HZ09, LM02a, OCK+03, YNS+09].
multiprocessor [GBD03]. Multiresolution [KCC+00]. Multiscale
[Bra05, All05, DC03]. multislab [DA08]. multispectral [CEM08]. multistep
[Wan05b]. Multisymplectic [Cai09, Wan09a, TQZM08]. multitasking
[WHL00]. multithermal [OO05]. Multithreaded [BB00, BD06, Dan09b].
multitrack [SF00]. Multivariate [RB05, Bel05, KMH02]. multwavelets
[SR05]. Muon [Kud09, GKM+00]. muonium [KK00]. Muons [CBMS08].
MuPAD [AC05b]. MUPAGE [CBMS08]. MUPHY [BMS+09]. MUSIC
[Kud09]. MUSUN [Kud09]. mutant [CDF05]. mutualistic [BCHP09].
MW [CHL+07]. Myrinet [ACC+01].
[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, SHJO7]. neighbor
[ABRS12, MDT03, YWLC04]. neighborhood [TBR07]. neighbour [Mas05].
nematic [PGS02]. nematohydrodynamics [TDY02]. neoclassical
[Lüt04, WTH04]. neon [OMC00]. nested
[El08, KSC00, PZ01, CvdEF05]. nestedness [BCHP09].
Network [FFS01, CBM05, FDM07, GC01, LV08, LFT01, LFT03, MLF07,
RDS01a, RDS02a, SM01, Sug01, YNZ09, ZWY04]. Networking
[New07]. Networks
[MTC07, BOG07, BCP09, CD08, HSJ02, KKH07, KOS09, LLH07, Lik01,
MLG09, MBC09, New02, RDSS01b, TWY09, YD07, ZBB06]. Neural
[EF00, Ano01n, LFT01, LFT03, Lik01, Sug01, TWY09, YD07].
neurotoxin [CCD07]. Neutral
[PBB04, HHW00, Lon07, Man04, MOC03, OMC00]. neutralization
[WCG04]. neutrino [CBMS08, GK05, HLW05, HKL07b, KL01, KFI01].
neutrinos [KL01]. neutron
[CDQF07, EKW09, HBR05, LZ00, RLV08, VT00a]. neutrons
[Yos03, Yos07]. Newcomb [ATIO06]. Newton
[AP04, DSH02, DSH03, Jam00, Sim08]. Newtonian
[CLR08, LC00, Pue06]. NEXTCALIBUR [BPP01]. Ni [Bur02, KEL02, KMD02]. Ni-based
[Bur02]. NIA1 [LAF01]. Nicholson [Sch05]. NIMROD [KSSH04]. NiO
[Kar02]. NIRVANA [GZ07, Zie04, Zie08]. nitride [SLC09]. NLO [CC04].
NMHDECAY [EH06]. NMR [BDM09, PCYC02]. NMscatt [MV07].
NMSPEC [EH07]. NMSSM [EH06, EH07, Mah09b]. NNLO [CCG08]. no
[Bar03]. nodes [GBD03, MTC07]. Nogami [RGD01]. Noise
[KA05, BDBV12, Gen01, HKP02]. Noise-driven [KA05]. noises
[Mi06, Mi07]. noisy [KV08]. Non
[MVS05, TE05, AA08, BCD07, BL05, BFLW07, BC05, Bru00a, Cha04, CSW02, CLFH07, CL03, FRdS09, FGF03,
GF02h, GBM02, GSGT03, HY07, HSSA01, IK00, JS06, KV08, KG07,
KH06, KB02, LC00, MSD08, NJ01, NP01b, NFS01b, RLRR06, RSMK00,
Ram05, TNY00, UN12, WP00, WR04, Yeo09, ZF00, ZSSA00].
non-adiabatic [BC05]. non-classical [KB02]. non-conservative [TY00].
non-convex [RLRR06]. non-equilibrium [BL05, HY07, ZSSA00].
non-Fickian [CL03, Ram05]. non-filtered [GBM02]. non-Hermitian
[BFLW07]. non-ideal [IK00]. non-integrability [HSSA01]. non-integral
[AA08, Yao09]. Non-isothermal [TE05]. non-iterative [WR04].
non-linear [Br00a, FG03, GSGT03, NP01b]. Non-Markovian
[MVS05, FRdS09, JS06]. non-Newtonian [LC00]. non-orthogonal
[WP00, ZF00]. non-oscillatory [KG07, UN12]. non-overlapping
[CLFH07]. non-perturbative [NFS01b]. non-scalar [GF02b].
non-spherical [RSMK00]. non-staggered [Cha04]. non-trivial [MDS08].
non-uniform [BCD07, KV08, KH06, NJ01]. non-zero [CSW02].
Nonadiabatic [SK05]. nonautonomous [HL00c]. nonequilibrium 
[SKD04, NYH04, WGY01, AP04, AAO08, ASS03, AH03, AOT01, AK07, BGD04, BB04b, BGS04, DWZ05, DDF09, DFK00, EST00, FD03, FGA04, GT01, GKI02, GH01, GD06, Hon04, KA09, bLpL02, LL04, LJ08, pLbL03, Liu07a, Liu07b, MT01, PCC09, RE09, RMWH01, SZ00c, SQ03, Wan09b, WW06, qXbL04, qX08, qX09, XZ12, Yan02, Yan03c, Yan03d, YRR07, ZLL09, dHV08, Par04].

Nonlinear-condensation [ASJ03]. nonlinearity [KLO4].

Nonlocal [BBBR04]. Nonperturbative [Sav01].

Nonrelativistic [MMR04]. Nonspherical [IW02].

Nonuniform [Bel05, Eli08, KV07].

Normal [BB07, CRUV00, She08, Var02].

Normalization [UCG05]. Nosé [Lei02].

Notation [GZF04]. Note [Ano06-29, Ano07-30, Pub07, WYL09, Ano03-43, Ano03-44, Kar01, Koz02, qX09]. notes [BCKT09]. Novel [ZHH09, BMML05, FGF03, FH00, GBA01, HK08, Mas05, MV05, NJ01, PL05].

Nucleation [SF05].

Nuclei [BAB04, DSS01, RGD01].

Nucleons [Wro08].

Nucleosynthesis [PCE08].

Nucleus [VEG08].

Nudged [Nak08]. Null [DW01, Rib02].

Null-field [DW01].

Number [DGLB08, LBP09, ATB01, DH00, FPB08, KKK06, Lad09, LCP04, MI05, OGWH03, Pro00, Sch06a, TYS05, WL00, WHO02, WH06].

Numbers [FH00, HB05, Str05].

Numeric [Sea02c].

Numerical [AA07, AMP00, AT09, BF04, BS00a, BBD00, BCD07, BK01, BV00, BFI00, BDP00, CMS04, CSCK08, CGM01, CTG01, CvdEF05, CKA09, FR09, Fat02, Gal00, GR01, GR02, GHL03, GBC05, HL00c, Hoo04, Imu07, IN09, JW02, KKS04, KSH02, Kon01, KM01d, KK06, LD06, LG07, LLT02, LWWW07, LC08b, LC00, LEG02, Liu07a, MDC09, MY01, NRQ01, PBB04, PKL02, RMV07, SLC09, SSS0a, SNS01, SJC07, Sho07, SSP08a, Sol01, SM02, SRK04, Sug01, TMTF00, TAK02, TK06, TY05, V06, V07, W09, vdEFL02, AP04, AG05, ASC08, ASV00, AK01, AK02, BD06, BZ00, BH05, BG06, CCG09, CA09, CL08b, CR09, DG08, DKG03, DGL09, Don02, Dys02, EST00, FLO06, FJ09, Fij09, FH00, Fra02, GME06, Hah05].

Numerical [Hah07, HJZL07, Huj05, HHL06, KKK06, Kau03, KL01, KCH00, KNU00, KA05, KNO07b, LV07, Lee04, LR07, LLCS01, LH03, Li03, LY05, LCB07, yMS01, MSS09, MIF07, Mi06, Mi07, Mi07, Mii01, MA04, MA08, MP01b, MKS07, MP05, Nar04, OCS08, PAS09, PIS00, PSK01a, PR06, PSV00, Ram05, RM05b, RS09, SMSE03, SW09, Sho04, SW00a, SVA03, Sim09, Ska05, Sus01, TKS01].
TQZM08, UK02a, UK02b, Van05a, Van05b, VHLP09, WGS00, WGDZ04,
WC05, Wan09a, WDB04, Wu10, YYYF09, You05, ZSK+04, Zit09, vDGM+09].
numerically [Tal09]. Numerov [FSW08, Sea02c]. Numerov-type [FSW08].
NumSBT [Tal09]. NVIDIA [MBKJ09]. NVT [IW02]. NWChem
[KAB+00, SPM00]. Nyström [Fra02, KMS09, PAS09, Van05b].

O [EVL00, Hah09, OCK+00]. Object [Bre01, BHNW01, DG08, KLM00,
AGV00, Che05, DM07, QQ01, QHH00, W009]. Object-Oriented
[Bre01, DG08, KLM00, AGV00, Che05, DM07, QHH00]. objective [KKK06].
Objectivity [SM01]. Objectivity/AMS [SM01]. objects [HS01b, ICO01].
Object-Oriented [Bre01, DG08, KLM00, AGV00, Che05, DM07, QQ01].
objective [KV08]. Objectivity [SM01]. Objectivity/AMS [SM01]. objects
[HS01b, ICO01].

Oblate [KJ07]. Obrechkoff [CWSH08, DWZS05, WW05, Wan06a, ZWD05].
observable [GG03]. observables [BDW06, HHH+09, Mah09b, Mah09a].

Obstacles [DEW00]. obtained [Ano04b, GZF04, Tam03, TN].

obtaining [KKK06, MYL+08]. occurring [FK00]. ocean [NN06]. octopus
[MCBR03]. ODE [WDHE04]. ODEs [CTR00, IVD03, MT01]. ODPEVP
[CGVA09b]. Oedometric [OML09]. Off
[KK05, CHM00, JC08a, KY07, Mar01, MP05, SBC08]. off-centered
[MP05]. Off-lattice [KK05]. off-line [Mar01]. off-shell [CHM00]. offline
[FPPW01]. offs [Ohi01]. OK1 [OSK04]. OK2 [OKS04]. oligonucleotides
[BSB02]. OMEGA [LANM+01]. on-shell [K00a, K01b]. ON-SHELL
[FK00]. One [BD02, Ker02, LKPH08, AIOST03, BS00a, BGG+09a, CTG01,
De 02, Dev05, Eli05, GF02b, Har02, HJZL07, Inn07, KKK06, LHC01, LHC02,
LSE07, MDS08, NN09, Nik03, Ots01, Ram05, RM05b, SW09, SFG03,
SBD+06, SM02, TNI+07, WGDZ04, WC05, Wan06a, Yos03, Yos07, Zak06].

one- [HJZL07, Nik03]. One-Dimensional
[Ker02, LKPH08, CTG01, Eli05, Har02, Inn07, LHC01, LHC02, LSE07,
MDS08, Ots01, Ram05, RM05b, SW09, TNI+07, WGDZ04, WC05, Zak06].

one-gluon [KKK06]. One-loop [BD02, BGG+09a, NN09]. one-nucleon
[AIOST03]. one-parameter [De 02]. one-particle [Dev05, GF02b].

one-photon [BS00a]. one-step [WC05, Wan06a]. ONETEP [HHM+09].
onia [DGSL09]. Onion [ML03]. Onion-Peeling [ML03]. online
[EFG+00, Gre07]. onto [Rob01]. open
[AdL03, ABNA05, Bae04, EHHH06, ISSB01, JP09, MSB09]. OpenDX
[SC04]. opening [B302, Del03]. OpenMP [CC00, Goe02, MG05].
OpenMP/MPI [MG05]. operations [AA00, AA01b, Ixa01, RF07].
Operator [Fl01, BFLW07, CvdEF+05, Cun09, CKA+09, CA07, EG09,
GL02, GLP03, MK08, MM01, Ram10, vDEF+02]. operator-splitting
[GLP03]. operator-variational [MM01]. operators [GF02b, SF09].

Opportunities [Gun02]. OPT [RMMP02]. optical
[ADS06, BB04b, CIC+03, CC09, CF09, GCD06, HTNFB06a, HTNFB06b,
MSB09, MTZ00, MBC+09, NSK05, NRDHB01, NY08, PCA+07, QCML03,
RG05, TNSBF04, Wes07, Whi00, YC07]. optical-properties [MB09].

Optics [SWS+12, Tol08, FWP01]. Optimal
[CJT06, GJT03, LFT03, SA09, VIV01, ZA01, NHS07, ZSdD+08].
optimisation [BBBD06]. optimised [ASH06]. Optimization [BJ05b, Goe02, SWC+03, BMSG01, Elb05, FEHC01, Iwa01, KPD06, KFJ+09, KPL03, LPC+00, MTJ02, OS04, PDL04, PL05, PAT+09, TLP04, TL06b, TL08a, VPP+12, WHCL07, WJW09, ZS03, ZS07, ZSdD+08, ZS08, Zin05].

optimize [LNV+09]. Optimized [BDM09, OMF02, Sch06b, SK08, FMN01, KT04, Van05a, WK02]. Optimizing [BH03, CW01, dS03]. Optimum [OD08, WMNS09]. options [TLP04]. optoelectronic [GCD06]. Orbit [BDBV12, Dev05, TEP00]. Orbit-based [BDBV12]. orbital [HLC08, KH09, Sim08, TKN+08]. orbital-dependent [TKN+08]. orbital-free [HLC08]. orbitals [BGH+09b, FGMT02, RF05b, ZF00].

Order [GBTM07]. order-parameter [HBMJ05]. ordered [NFS02]. ordering [JPS+09, NG02]. Ordinary [IHAR09, Ram05]. organic [HTL+03, MSY07]. organisation [SAU+04]. organization [NYH04, Ort00, RDS02b]. organize [Ort00]. organized [SOS01]. orientable [Huj05]. orientation [CGC+09, CFJ09, WMNS09]. orientation-specific [CGC+09]. orientationally [NFS02]. Oriented [Bre01, AGV00, Che05, DG08, DM07, FFS01, GGQ01, KLM00, QRM00, Wil09]. origin [Riz02]. origins [CT00]. ORNL [KN07a]. ORNL-mathematical [KN07a]. orthogonal [KK01, KTT02, WP00, ZF00]. orthogonal-dimer [KK01]. Orthogonalising [IBM03]. Oscar [Ano04c]. oscillating [CM02b, DKC08, PAS09]. oscillation [HLW05, HKL+07b, Ida02, NFS02, Wei02a]. oscillation-free [Ida02].

oscillations [BD06, Dan05a, Dan05b, DS06, Dan07]. oscillator [DD00, DO04, DO05, DSC+09, EKW09, GME06, HL08b, HB05, MAM04, MAM07, SOYN01, SDNR05, You09]. oscillators [DDFL09, Fra02, TY01, Van05b, WYL09, Wu10, WYWF09, YT01b]. Oscillatory [BZ00, AA00, AA01b, FBB01, Fra07b, HSSA01, Ixa01, IP01, Kim03, KSHP02, KCH00, KG07, Sn00, UNK12, Van05c, WYX09]. Other [BOPC05, BC07]. OTI [Elm09]. out-of-core [BLY05]. output [BC07, Gha05]. overdamped [Gen01]. overlap [BFLW07, CvdE+05, Cun09, CKA+09, CKLS09, GGL03, Jan05, KALC08, vDFL+02].

overlapping [BM02b, BDH+05, CLFH07]. overload [ACC09]. Overview [BGLW01, Oli01, KAB+00]. oxidation [LAF01]. oxide [HSSA01, LY05, LC08b, RJCH00]. oxides [KKK07]. oxygen [LN01].

P [Kar01, Eas08, SW00a, WW05, Wan05b]. P-stable [SW00a, WW05, Wan05b]. Package [KS04b, Pog05, AF05, AAG+04].
[GLL+02]. Parrinello [CCFG05]. Part
[HTM01, Ida00, PSK01a, PSK01b, THM01]. PArthENoPE [PCE+08].
Partial [Hoo04, MNYY00a, MNYY00b, FMG00, KS07, MTC07, SJP05, VBC07, qXB04, YZW02]. Partial-wave [MNYY00a, MNYY00b, SJP05].
partially [BSTC05, LB04, Sle00]. Particle [BTS06, CPS00, CH09, KCR07, iSAK+08, SWFL00, ZM00, ZLM04, ABRS12, BDYK04, BV04, Che05, CY01, DC03, DDMM06, Dec07, Dev05, DJ08, DDM07, DEW01, EL04, FM07, Fod05, FS08, GFF01, GF02b, GPW04, HKLY07, JH09a, JHV003, JS08, KLD04, LC01a, yMS01, MY00b, Man04, Me05, MAM04, MAM07, MK09, NT05, NVK03, OD07, PCC01, PSp+03, Po08, Po09, Pop03, Por03, RvOV02, SL01, SBB03, SS02b, SS05, TM09, TC06, TE05, Tom09, UOM01, UOTM03, VPCK04, VBPB09, VBFD01, WTH+04, WGL06, WRMG05, Esi01, KPL07, TCY+08, TDD04, VA04, VCF+04, WJW09].
particle-based [MY00b]. particle-continuum [VPCK04].
Particle [BTS06, CPS00, CH09, KCR07, iSAK+08, SWFL00, ZM00, ZLM04, ABRS12, BDYK04, BV04, Che05, CY01, DC03, DDMM06, Dec07, Dev05, DJ08, DDM07, DEW01, EL04, FM07, Fod05, FS08, GFF01, GF02b, GPW04, HKLY07, JH09a, JHV003, JS08, KLD04, LC01a, yMS01, MY00b, Man04, Me05, MAM04, MAM07, MK09, NT05, NVK03, OD07, PCC01, PSp+03, Po08, Po09, Pop03, Por03, RvOV02, SL01, SBB03, SS02b, SS05, TM09, TC06, TE05, Tom09, UOM01, UOTM03, VPCK04, VBPB09, VBFD01, WTH+04, WGL06, WRMG05, Esi01, KPL07, TCY+08, TDD04, VA04, VCF+04, WJW09].
Particle-In-Cell/Monte Carlo [KPL07].
Particle-In-Cell/Monte Carlo [WJW09]. Particle-inspired [CPS00].
Particles [HAA07, Bar04, CMD00, DHBE05, JKKT00, KH06, LMM+08, MDM05, RSMK+00, Str01a, TT06, WLR+08, WV04, YZD07]. particular [AKZ00]. particulate [BC00]. partition [JK02]. Partitioning [SBB03].
PArton [KSS06, SR09, ABB+09, BBB+09a, CPW09, CS02, Su05, V05, Wei02b, KKS01]. Paschen [LSL07]. past [Ano02a]. Path [CC08, GO00, MI05, SVM00, KM05, Krö05, MG09a, RDFF02, ZE00, e008]. Path-Integral [SVMT00, MI05, KM05]. Pathfinder [Nak07]. paths [Pet04].
Pattern [OGG07, Y003a]. patterns [BBC+01a, CLFH07, DG08, Gro01, YB02a, Par04]. Paul [W00]. Pauli [ZF00]. PAW [HTM01, THM01]. Pb [BNS07].
PC [FKP03, LC01a, iSAK+08]. PC-based [FKP03]. PCs [Tak03]. PDE [FS00, KM02, XC03]. PDEs [BBBD06, LJ08, LH01, PM07, qX08, qX09, ZL09]. PDSW [VS06].
Peaceman [Mah08a]. peak [CC09]. pedestrian [NHS07]. Peeling [ML03].
GSM [BP08a]. hydroxylated [JCH00]. LC [JPS+01a].
log-derivative [Jam00]. MCL [KPD06]. MD [GSM+03]. MM [GSM+03]. Monte [BJ02, KPL07]. Monte-Carlo [WJW09]. MPI [MG05]. NEON [OMC00]. or [IW01]. scale [BMS+09]. SUSY [FIJ+03]. Penning [CBKM01, CKV04]. peptide [KPF03]. peptides [LPC+00]. perception [Man02]. percolating [MDS09]. percolation [HCI00, NLC09, Sat02].
Performance [De 07, FDM07, FEHC01, SvAS01, SHT08, BDK+06, BMS+09, CD05, COE+05, CBM+05, KAB+00, MPR05, MC08, PPF04, PAT+09, SBD+06]. performing [CGC+09, KFJ+09, SL09]. peridynamics [PLPS08].
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, GMB03, HH00, HS01b, JS08, KB02, Kud09, LVV09, LL07, Mah09b, Mah09a, MT01, MSK02, Nov02, OLX07, Pin01, RM05a, Rin02, Sak07, SEF+01, SAG02, Suz00, Swe02, SC04, TA00a, TA00b, Tho01, Yan03c, BvG02, Bor07, Bra05, CRS01, CMR01, Cra01, Esq02, FS00, Fod05, GT01, GGL+02, GPW04, Gou00, Gre04, GMB03, HH00, HS01b, JS08, KB02, Kud09, LVV09, LL07, Mah09b, Mah09a, MT01, MSK02, Nov02, OLX07, Pin01, RM05a, Rin02, Sak07, SEF+01, SAG+02, Suz00, Swe02, SC04, TA00a, TA00b, Tho01, Yan03c, BMS09].

Physics/scale [BMS09].

PIC [AH03, CSC+04, DN04, DBR02, JBA07, LSL07, LKPH08, MIM+07, SLL01, SG04b, WCG04, WHL07, YRR07].

PIC-DSMC [CSC+04].

PIC-FEM [WHL07].

PIC-hydrodynamic [LKPH08].

Piezoelectric [HM06a].

piezothermoelastic [Mel01].

pilot [AAKL07].

PIMC [M"us02a].

PIMD [M"us02a].

pinch [Pet04, RG04].

pinches [SBL+04].

pioneering [Ano04b].

pipe [QR01, QG04].

plasma-edge [SBM+04].

plasmas [ATIO06, ATF+09, ABSM04, ASC+05, BF04, BDBV12, DGV08, GFP00, GFS07, GH01, HD04, HOI04, HW09, KY07, KA04, KMR+09, KSSH04, LYL07, yMS01, Mah08a, Man04, NYH04, PPP01, PCV06, SV01, SG01, TPBE04, TKP06, TDD04].

plasmastatics [Bru00b].

plasmoid [SKRK04].

plastic [SM06b].

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]. **PMS** [CFH+01]. Podolsky [DDM07]. Point [KBG00, Tör00, AGJJ07, BCV03, DS04, HDG07, MPR05, NN09, RF05b, RF06b, Str00, TNI+07, TMN01]. Point-centered [KBG00]. points [FBB01, HP02, KSS02, She08]. Poisson [KHÖ01, AS00, Con04, DHB+04, Dys02, Eli05, HCH+06, LdVJ06, Li03, LY05, MS05a, NT04, NJ01, QR01, QG04, TYV03, XON08, Zie04]. polar [GVMW04, SGL09]. polarisabilities [QCL05]. polarizable [DDD+01, SLBG09]. polarization [MPR05, YvG05]. polarized [ACIZ07, NY07, Vog05]. POLE [Con04]. polyalanine [YD06]. polyatomic [BSS09, RMLB01]. Polychromatic [BCP04]. polycrystalline [SKH02b]. polycyclic [EYJ07]. PolydGpdCp [Ger07]. polydisperse [CGG00, SWY01, YW00]. polyelectrolytes [LH02]. polyethylene [FAiTD01, Ryc05]. polylogarithms [GR01, GR02, Maˆı06, VW05]. polymer [BMML05, CW01, FS01b, FS02, KMB02, KSEG05, LS02, LOY07, LS09, MB05a, Mi02, MPS09, PRSB08, ULA+02, WBC+07]. polymerization [BJ02, ISS+02, MSH01]. polymers [LS02, LOY07, LS09]. polynomial [ASF+05, KTL05, KTG04b, KTT02, MSH01]. polynomials [HLB06, KT04, Str00]. potential [APV00, ATP01, ASD06, Ber03b, BFLW07, CCBL02, CGG+08, CGG+09, CW01, DVL+02, DVL+04, FAiTD01, HG02b, Hia00, IK00, LRI+06, LPC+00, LF02b, MS08b, MAM04, MAM07, OS03, PJK00, PAT+09, Riz02, SN07, SG04b, TAP01, TT06, TYS05, WL00, XSC09, Zak06]. potentials [APV00, ASH06, AMP+00, BVY05, CW00, FHR+05, HSS+08, IBM03, KM08b, MBG03, NW02a, ON08, OPO+08, PS08, SZ00a, Sea02a, SSLN02, TKN+08, Val05, Vie01]. POTLIB [BBJ09, KSS02, TMN01]. POTHMF [CGG+09, CGG+08]. POTLIB [DVL+04, DVL+02, DVL+04]. Potts [BBJ09, KSS02, TMN01]. PPA [TKK+06]. PPA_4b [TSA+03]. Practical [FJC+05]. pre
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]. preconditioner [HZGZ09].
preconditioners [CHS09, SBD+06]. preconditioning
[ADG08, GH00, UJSW06]. predator [TRAdO09]. predator-prey
[TRAdO09]. predict [Gha05]. Prediction
[TTDO1, 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,
GCC08, BBD+09, FS01a, HDG07, JWW00b, KS05, Giag02, GCI01, KL07b, LF02a, MG08a, PR01]. preliminary [BK01].
Prelle [DDdMS02]. preparation [Cap05]. presence [KDSB04]. present [Ano02a].
Presentation [Ano04a]. preserving [CLR08, HL00c, LB04].
pressure [BBD00, CS07, CHM+09, HTA08, HJZL07, IL07, LHS+09, Lc02, LDZ+08,
MLG+01, MC09, Mor01, NV09, PDM+08, QP05, Var02].
purpose-dependent [MLG+01]. purposes [BNS07, KRTZ02]. prey
[TRAdO09]. primordial [PCE+08]. principal [HB05]. principle
[RG05, Tsa02]. principles [AJT+07, Ano09a, CR05, CM02a, CTI07, EYJ07,
FG04, GBTM07, HAR1, KKKC07, LNO1, LDZ+08, MCBR03, MSK+05,
Mor01, KNL05, WKP+01, WC00, dSDSW08, vddBP+02]. priori
[DVG05, TIM07, TIM08]. Prize [Ano04-56, Ano04-57, Ano04b]. PRMAT
[SNBB02]. Probability
[Lik01, Man04, BH08, FPB08, FFD00, RF08, Sev00, SSZ01]. probe
[CS07, NSKS01]. problem [AMP+00, Bae03, Bal07, BD08, BL00, BV00,
Bru00a, CRUV00, CGVA09b, GFG03, GHP01, HBW05, Huj05, JC07, JS08,
KNU00, KZS+00, LVV07, LC00, Man02, MMR04, MNH01, MP01b, SHV+01,
SZ00b, She08, SGM+09, TNI+07, VBMO5, Wan06b, WW00f].
problem-orientable [Huj05]. Problems
[IHR09, ASJ+03, ASVA00, AJSK01, BJ05b, BKM02, CFKMO1, CL03,
DSh03, DTHL09, FS00, FBL00, Fro7b, HCIK00, Huk02, KSTL03, LVW09,
LMC+03, LCHJ09, LJ9a, MT01, MVJ09, MLF07, OS00a, PAS09, Ram04,
Ram05, RM05a, RMWH01, SVA01, SVA93, Sim08, Van05c, Var08, WW05,
Wan05b, Wen01, WDHE04, Zin02, Zin05, dA08]. procedure
[Fat02, IF03, LVV07, MVS05, MC09, PRB09, Tam03]. procedures
[FIBT01, FIT03, Fra09, GFG01, 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,
CZC00, Id02, KDSB04, MRR+00, NFE01b, RS00, WSB04, Wen01, WCG04].
Processing [LSVMW08, AGS07, BBD+01, CDD08, CR00, DDMM06, Di01,
EFG+00, FEH01, MIM+07, Rap06]. processor
[CGK+00, De07, MKJ09, PKB+01, REAB09, SHT08, vDGM+09].
processors [BOG+07, CR05, Far01, Oli01, ULA+02, ZA01].
PROCRUSTES [Pue06]. produced [GFP00, HD04]. product
[Kim03, Tos08, WS09b]. production [Abe01, Ano03h, AAC’06, BBC’01b, Byg02, CDEW04, CWV06b, CWW07, DDRW03, JWW00a, JPS’01a, JPS’01b, Koll03, KFI’01, Por03, Tom09, TSA’03]. products [GRR01, VC08]. PROFESS [HLC08]. profile [CP00, KNY05, RLRR06]. profiles [BS08, KMR’09, NY06, ZDKG05]. progeny [LC01b]. 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, Ano06-28, BB09a, BJS00, BB09b, GFG01, GLHW01, KW08, APV00, AP04, AdlT03, Allo9, All02, AOT01, AJ08, AC05b, ASS’02, AAC’06, Bar04, BBC’01b, BS03, BDW06, BBPS02, BBPS07a, BBPS07b, BCP04, BD05, BCG03, DB’08, BGH’09a, BRdAHK04a, BBJ05, BM04, BKM05, BOPC05, BD06, CCGR09, CP00, CGG00, CD01a, Cha07, CRU00, CGA’07, CGG’08, CGG’09, CGVA09b, CS02, Cp07, Cip08, Con04]. program [DS06, Dan07, Dan09a, Dan09b, DDM07, DDRW03, Dev05, DJ08, DD00, DO04, DSC’09, DSS01, Dra01, Dy09, EÅ01, EÅU05, EH06, Fe08, FT08, FBL00, FFD00, FFG02, GFG’06, GSM’03, GS01b, Gro01, GG03, GNZ’09, HHH’09, HS03, HC08, HHW00, HLC08, HB05, Hor09, IW01, IW02, JW00a, JPS’01b, JK08, Ju09, JG02, JC01, KTT09, KS84, KS08, Kol03, KJ04, Kol09, Kon02, Mah08b, Mah09a, MCLDP01, MFF’05, MR06, MW01, MMR04, MSK’05, MPK00, MFVJ07, MS09, NY06, NY08, OK06a, dIRBP09, PS08, PKRK07, Pit05, PAT’09, Por03, Ref00, RSD01, Riz02, Sar00, SV01, SCM00, SGL09, SYM00, Ste01, SDNR05, SJF07, SNB02, TKB’04, TV07, TS06, TNBSF04, TNG00, Tó08, UCG’05, VCCS05, VS06, WGDZ04, WP00, WW06, ZF00]. program [ZDKG05, CGG’09, CGVA09a]. programmable [KPD06]. Programming [CB05, LL07, TS08, BDK’06, BS0’04, Chr00, Iwa01, MRF’05, Niu00, SHH’04, WMK09, ZA01, Hoo04]. Programs [BRD04, FH04, BC07, JKW00, JKW06, MA09, PSW00, Ver00]. Progress [DSL09, OS00a, NP01a]. Project [BCP04, Yos00, CFH’01, BHNW01, GI01, Mak01]. projection [DTHL09, MI05, Rob01, SFSL09]. projector [BVKW02, FM00, HTM01, THM01]. projectors [RGD’01]. prolote [Hua09, KJ07, LK06]. prolates [LB09]. Prompt [Teh01, VT00a]. proof [BLS01]. proof-of-concept [BLS01]. propagating [Mah08a]. propagation [BS04b, BBR04, EM08, FW01, HGH’05, HJZL07, HL05, JC08a, JTS’06, KV07, LCB07, MN01, MP01b, NN06, SLMS06, SSB’09, SWP03]. Propagator [Bow02, BH07, CA07, WP06]. propagators [FJC’05, Ixa07a]. propBG [CP00]. propelled [BA09]. properly [MMMM00]. properties [ADS06, Ano09a, BM01, CIC’03, CTSZ07, Dup01, FKMB09, GZDA01, JRT00, KMD’02, Kar02, KFB01, Lee04, LH02, MS09, NKS05, PMH08, PJJS08, RG05, RS09, SG00a, SM04, SM06a, SM09a, SGK09, TITD01,
quantum
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quantum-number [MI05].
quark [BH07, CKS00, JWW00a, Kol03, OvSA02, TSA03].
quarkonium [DGSL09].
quarks [BDF08, KMP09].
Quarteroni [Sha04].
quartic [TY01, TYSH05, YT01b].
quartz [HM06a].
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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, Ram04].
quasiperiodic [HL00c].
quaternionic [JC07, JC08b, WWF08].
qubit [RF05a, RF06a, RF07, RF08].
QUBIT4MATLAB [Tó08].
qubits [PMV02].
quenching [RCGC00].
Quickstep [VKM05].
quiet [ZStD08].
QWalk [MP08].

R [PKKM02, Ton07].
R-CCSD [PKKM02].
R-matrix [Ton07].
R [PKKM02, Ton07].

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quantum
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quartz [HM06a].
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quasi-error [KL06].
quasi-harmonic [BFL04, LDZ08].
Quasi-Monte [KL06, Sch04].
quasi-polynomial [PSH06].
quasi-temperature [HTM08].
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quasilinear [FMG00, Kon01].
Quasilinearization [KM03, KM06, KM08b, MT01, Ram04].
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qubit [RF05a, RF06a, RF07, RF08].
QUBIT4MATLAB [Tó08].
qubits [PMV02].
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Quickstep [VKM05].
quiet [ZStD08].
QWalk [MP08].

R [PKKM02, Ton07].
R-CCSD [PKKM02].
R-matrix [Ton07].
R [PKKM02, Ton07].

Radia
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rational [DR09, SK08, VC08]. ratios [BBJS09, CFJ09]. Ratip [Fri01, KF05b, NHF06]. ray [Min01, MKJ+05, NRR01, Pop03, AGM+00, BB07, BSO+04, BS01, 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, HSGBK08, LCB+00, LJ01, MG08, MN01, iNKNV08, SCM00, VT00b]. reactor [KPL07]. reactors [STK+00]. ready [BAD01]. Real [KM08a, MGG08, BMSG01, Bun01a, DM07, BSO+04, BG01, KMCS01, LZC+08, Sal03, Vég04]. Real-time [KM08a]. realistic [CYAS05, GCP+02, HKK02a, ZKASS05]. reality [TKS+01]. reason [BNSY02]. reasoning [Vég04]. recall [MHS05]. Recipes [Koc02]. reciprocity [GPT08, ISSB01]. Recognition [SKH02b, DLZ08]. recoil [Nat08]. recoiling [Wro08]. recombination [PNH00]. reconfigurable [Fra07a]. reconnection [BJ03, EFBP04, FS08, GBC+04, HOI04, UTO09]. reconstructing [BV00]. Reconstruction [Bat03, BG01, GGQ01, ISSC01, SF06, Teh01]. 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 [GK102, GKI04, UCG+05, Vio03]. Reduced [Bac02, NGE+04, GF01, GBC+04, RLH+09]. Reduced-dimensionality [Bac02]. Reducing [HKP02, Bae03]. reduction [BGJ+07, Har00, MG09a, MG09b, NP00, Pis00, Wei02a]. redundancy [Man02]. reevaluation [TSI02]. reference [LRI+06]. Refinement [KNTG03, PM01, FS08, HCH+06, KKF+04, LOL06, MOP+00, Ros04, SJCM04, VAH04, VCF+04, WTW04, Zie08]. refining [LHS+06]. reflect [Nur04]. reflectance [SCL09]. Reflection [KV07, Ram10, WP00, Yan09]. reflections [Hib01]. reflective [CLF07]. regaining [Zsd+08]. regarding [Ano04-56, Ano04-57]. regeneration [KL01]. regime [CMS04, GLW03, HS03, HW09]. regimes [YM03]. region [MNY00a]. Regional [ADE+02, Org01]. registers [RF05a]. regular [BSDMH05]. Regularization [AG05, BK06b, DS01, RW01]. regularized [Cai09, DSH02, DSH03]. reinforcement [EM08]. related [ASVA00, AKS01, Lee04, SVA03]. Relating [SSA07]. relation [HJM02, KT07, LWY01, MSD08, Sus01]. relations [Blü04, Blü09, QCM03]. Relativistic [KF03, KF05b, OvSA02, AKZ00, AMP+00, AT09, BD08, FFD00, FF02, GZF04, JHFG07, Knt02, LKPH08, LS01, MMR04, MK05, ON08, PFG06b, She03, TP01, vHMK08]. 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
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[Hor09]. Renner [HC08]. renormalization
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[WN01]. reordering [TC06]. reorthogonalized [BSTC05]. 
REOS99 [FFD00]. Replica [PLS09]. Replica-exchange [PLS09]. replics [HS01b]. Reply [AA01b, LHC02, WLW04]. represent
[FA00]. representation [BDBV12, DBR+02, KKK06, Mas05, SHW01].
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GKM+00, JC01, KKF+04, MMTH04, Ros04, WBBD04, 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, FW01, Lin07b, NP01b, NM01b, YG09, ZS07, Zha01]. resulting
[Ins07, 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, La03, Par04, Sha04, Vio04, Wan00, Ano00a]. Revised
[NFH06, AH03, FFD00]. revision [Ano00z, SM04, SM06a, SBM09a].
revisited [LIR+06]. REVLD [BLS09a]. Reweighting [dSL02, VMMB02].
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[DR09, TIT01]. rheology [HCO01, MDT03]. RHIC [BNO+01]. Riccati
[HI09, Yau03d]. Richard [Koc02]. Rideal [LJ01]. Riegeom [Por00].
Riemann [MGY08]. right [BV00]. right-hand [BV00]. Rigid
[EE02, CB02, HSS+08, VPNW02]. Rigid-body [EE02]. ring
[BJ02, Man02, NY07]. ring-opening [BJ02]. ring-shaped [NY07]. rings
[Man02]. Risebro [La03]. rising [WGS00]. Rjasnak [Par04]. RKN
[Wu10, Fra07b, YWY09]. RKN-type [Wu10, YWY09]. RLW [Zak01].
Robust [GKM+00, To06]. rods [JBS08]. role [AK+07, BK01, CR01].
Rome [Org01]. ROOT [ADD+03, Ano09t, WCH09]. Roothaan
[MW01]. Rosen [DDM07]. Ross [Bat03]. Rostoker [SJ02]. rotating
[ATF+09, CC07, TQ03, Yur02, ZZ09]. rotation
[Goc04, KLH04, LVH07, MT00, PFG06a, TKB+04]. rotation-vibration
[TKB+04]. rotation-vibrational [MT00]. rotator [Bow02]. rotor
[BBOY08, CCBL02]. Rotational [QCL05]. round [JC08a, WN01]. round-off [JC08a]. Routes [SB-D05, VEG08]. rovibrotational [Bac00, CCBL02, CNMC09]. rovibrationally [LDBG08]. RT3 [HC08]. rule [FKAM05, IP01]. rules [CD09b, HvHHM09, Kim03, QCL05, Sem09]. Run [ABC+01, BGLLW01]. runaway [EH03, SMSE03]. RunDec [CKS00]. RunDec-an [Che05]. RunDec [CKS00]. Run wien [dlRL09]. Ruth [OMF02]. Ruth- [OMF02]. Ruthberg [KBS02, NW02a]. Rydberg-excited [NW02a]. SCF [AKG02, Cha00, CWSH08, Dup01, FKG00, REAB08, dMBC+06]. schedules [ZA01]. Scheme [DK05, AEEEdR05, AC05a, Cap05, CPS00, Cha04, DPSSG06, 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, ZHZ09, Zic05]. schemes [BH03, BP08h, CMT00, CMT01, ID09, Jau02, TQ03, VCF+04]. Schrödinger [ACK05, AKZ00, ASVA00, AKS01, AKS02, AK07, BK06a, CJ09, CMK+03, DGS09, GH00, GNZ+09, Imu07, Ixa02, Ixa07b, JK08, JC08b, KMS09,
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Schrödinger-solver [BK06a]. Schur [CD01a]. Schwarz [Lüs05]. Schwarz-preconditioned [Lüs05]. Schwinger [AHS09, C¸HM00, Maa06]. Science [MRF⁺05, BM02a, CSZ⁺07, Gun02, Haf07, MS05b, OLX07, T´ot08, Koc02].

sciences [Han00, SBM02]. scripts [BS06a]. SDECAY [MDM05]. SDH [MBC⁺09]. Search [GG00, CCRA05, Nak07, TLP04, TL06b]. searches [VPP⁺12]. Searching [Sus01, qX08]. seawater [VS06]. Second [MVJ09, Poi08, Poi09, BB04a, CIC⁺03, FMMG00, Goc04, Hoo04, WHJ06, YM03]. Second-order [MVJ09, Poi08, PH09, WHJ06]. secret [AEEdR05]. section [AOST03, Pap01, SBM09b]. sections [BS03, Cip07, Cip08, Cip09, HSGBK08, Hor09, Kol09, LDBG08, MOC03, Nik03, OMC00, Sa103, Yos03, Yos07]. Sector [BBK⁺07, ST09, MN01].

Secure [DBE⁺04, AEEdR05, TWY09]. 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, SA⁺04, VKPB09, 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, VKPB09].

Self-gravitational [MMTH04]. self-intersecting [BR01]. self-organisation [SA⁺04]. self-organization [NYH04]. Self-organized [SOS01]. self-propelled [BA09]. self-similarity [CHL05]. semi [AAC⁺06, ADG08, BBC⁺01b, BFB⁺08, BGS⁺04, CRS09, DDEM00, FBB01, LBPS09, ML06, ON08, UK12, Ida02, TYN02]. semi-analytical [AAC⁺06, BBC⁺01b]. semi-classical [BFB⁺08]. semi-core [ON08]. semi-implicit [ADG08, LBPS09, ML06]. semi-Lagrangian [BGS⁺04, CRS09, ML06, UK12, Ida02, TYN02]. semi-periodic [FBB01].
semi-structured [DDEM00]. semiclassical [TDD04]. Semiconductor [Hua09, GPT08, LVLS01, LLV+01, LLCS01, LVLS02, Li03, LY05, LKC06, LCV06, LLLZ01, PMV02]. semiclassical [TDD04]. Semiconductor [Hua09, GPT08, LVLS01, LLV+01, LLCS01, LVLS02, Li03, LY05, LKC06, LCV06, LLLZ01, PMV02]. separable [OvSA02]. separated [AA08, Lei02]. separating [Pur02]. separation [BDHP08, EMJH03b, JBS08, KEM+01, PSK01a, PSK01b, SGF04, Var02]. separators [Nat08]. separatrix [SPP+04]. sequence [SIE04]. sequences [LCPC04, SHH+04, SIE04]. sequential [TLP04]. serial [Ref00]. series [AOT01, BK05c, CR08, CN00, FD03, HJ02, Hon04, LVH07, LL04, Moh07, NP00, Sea02b, Wen01, WS09b, ZS07, ZWY04]. server [FEHC01]. service [AAKL07, KKHL07, LNV+09]. Services [BJS00, AAM+01, AAKL07, FGV01, Han00, ISSC01]. set [Di 01, ES09, GMAN+07, KTT09, Ma006, Pitt05, RLR006, Str00, TS06, UYY+04, Yok09]. sets [BD08, MBR01, TKN+08]. seven [NR01]. SevenOperators [HL08b]. Sewing [BG09]. SFS [MTLC01]. shadowed [SZ00b, Sev00]. SHAKE [GWK09]. shallow [ML06, Sho04, Sho07]. Sham [AK03, MMR04, PAD07, WT01]. Shannon [CHL05]. shape [BD00, LM02a, LVLS01, OKS04, RCGC00, Zah00, Zah01, ZDKG05]. shape-truncation [Zah00, Zah01]. shaped [NY07]. shapes [GMBC08, JK01]. shared [AEEEdR05, TSB+05]. shared [BOG+07, BB00, CC00]. SHAREv2 [TJLR06]. Sharing [CPV+08]. sharp [BDH+02]. SHdecay [Bar04]. Shear [OMY05, AP05, DJ04, RSMK+00, RR05, RvOvV02]. shear-induced [AP05]. Shearingbox [GZ07]. Shearingbox-implementation [GZ07]. sheath [NT04, SHJ07]. sheets [TAT09]. shell [Cip07, Cip08, Cip09, CHM00, GSF05, KM00a, KM01b, SKF05]. SHELL2 [FK00]. shielding [MCC05]. shift [Ram10]. shift-operator [Ram10]. shifts [VEG08]. Shock [Wei02a]. short [BBBR04, CW00, KS04a, NFS01a, NFS02, NH09, Ram10, WHL05]. short-ranged [CW00, WHL05]. Shortest [Kr005]. shower [Wei01]. showers [EGF+00]. Si [CW02, Kim07, LT09, NSY+02, SPC+05, Sro01]. SiC [MCC05, RP+05]. side [BV00]. Sierpinski [SFSH01]. sieve [AA01a]. Sif [LK07]. sigma [GRR01]. sign [Bae03, BFLW07, vdEFL+02]. Sign-function [vdEFL+02]. signals [KV08, OS00b]. silica [MBK02]. silicon [Goe02, LN01, OPO+08, SLC09]. SIMD [REAB08]. SIMDized [GKK+08]. similar [SHH+04, SIE04]. Similarity [VBC07, CHL05]. Simple [Bro07, dO02, JK08, MC09, MPS09, TYPV03, Tod01, Vég04, ZSAA00]. simplex [BSS09, WMNS09]. simplicial [Jad00]. simplifications [Pog05]. simplified [MK02]. SimScience [WCGL00]. SIMUB [BS04a]. simulate [ABSM04, DDM07, Fra07a, GS01a, JU09, KKM02, Sal03]. Simulated [FHF00, BDG+08, CEM08, Sch06a, SOS01, TL06a]. Simulating
[BCC+08, BM02b, CCD07, CMK+03, MMEH08, Müll05, OGKL02, RRRHD08, Bae04, CKV04, CHP04, DHBE05, EE02, KP01, KNY05, MSK+05, NY08, PY08, SWP03]. Simulation [BDHP08, BRB09, EH03, FSK04, HK02, HGH+05, HTL+03, HLW05, JH09b, JBA05, KTG04b, LYL07, LHMB00, MLPT08, OSK04, PJSK08, RF05a, RF06a, RF07, RF08, TIM08, TdFK00, Var02, VK09b, WGS00, WRMG05, YZD+07, ZPB09, ZM00, ACIZ07, AdlT03, All05, AH03, Ack01, ASC+05, BDK+06, BCCM03, Bar00, BB04b, BDB+08, BR09, BTS05, BmvG00, BDF+08, BS08, Bur02, BDV04, CW02, CMS04, CGC+09, Che05, CGIA07, CSC+07, CSC+08, CSC+04, CAAM08, CL02, CTD+07, DDD+01, DJ04, DMR02, DDM05, DVG05, DEB+04, DSC06, EFBP04, EHHH01, EHHH06, Esi01, FMD07, FWP01, FL01, FS02, HD04, HYY+07, Har01, HL00a, HMY+02, HL00c, HJM02, HL05, Hua09, HKL+07, HSS+08, HKK02a, HS07, IJK+08, IDS+04, IW01, IW02, IC00, IN09, JAT03, Jen00, JDBT06, JDBT09]. Simulation [JBS08, KH01, KPL07, Kar02, KSY00, KPS+01, KKS04, KY05a, KCR07, KGB00, KK05, Kud09, KNSY07a, KMSC01, LM02a, Lee04, LS07, LCS07, LbotMC01, Lei02, LVS01, LLC01, LLT+02, LH03, LZC+08, LC08b, LKPH08, LAM06, LKC06, Lon07, LMS+02, LL00, LM02b, MR05, MTL01, Maz00, MVS05, MLF07, MPK00, MMB02, Mil06, Mil07, MKB02, MIM+07, MYJ01, ML06, MC01, MS09, MABK02, MSN01, NT05, Nak08, NN06, NH04, OSM+02, OKS04, OK06a, OK06b, ÖDÇ02, PCK00, PGS02, PP02, PS09, Pio08, Pio09, PY08, Pop03, QTL06, Rap06, RCCG00, Ref00, RJFB08, RGR+04, SNS01, SM06b, SLL07, SHZ01, SKNV05, SL01, SOAW08, SSA07, SBBM04, SAU+04, STK+00, Swi04, TLCS04, TMFT00, TKS+01, TIT01, Tod01, TDD04, Trö08, VYK02, VBFD01, Wal03, WTH+04, WHCL07, WML+05, WRC+04]. Simulation [Wil02, WH05, WHL05, XON08, YSM09, YD07, YNS+09, YRR07, Yos00, YvG05, ZLM04, dNKM07, TIM07]. Simulational [CMT00, CMT01].

Simulations [Bin02, HM00, LHS+09, LNC+03, RMSM+00, Wes07, Ana04b, ADBF03, ABRIS12, BS06a, BA09, BF04, BS02, BB09a, BADC07, Ber02, Ber03a, BMS+09, BCD+07, BDBV12, BMML05, BHM+07, BL05, BM01, BGH+09b, BDYK04, BKB02b, BDM09, BGS+04, BK05c, CZC00, CDF05, COE+05, CDQF07, CLF07, CDDL08, CR00, CW00, CNDC09, CW01, DS01, DMR01, De 07, DGLB08, DBR+02, DD01, DC05b, DUX+09, Elb05, EL06, Elio08, ES09, Eso04, FFK02, Fel08, FT08, FFF01, FS08, GCP+02, GBFS07, GLHW01, Gre04, GH00, GC06, GHP05, HA07, HL00b, He00, HM06a, HBM05, HK07, HKP07, HW09, JG09, KBBW02, KCC+00, KMD+02, Kat02, Ker02, KST04, KY07, KM08a, KRTZ02, KD09, KK04, KSSH04, KNSY07b, Lad09, LT05, LBPS09, LM00, LSVW08, LF02b, Lud02, Lüt04, Mak01].

Simulations [MV04, MFF+05, MBK09, MHS05, MMTH04, MS08a, MRF+05, MP03, MFV07, MDC09, MER+00, MT02, Müs02b, NMO02, NGE+04, NKV03, NBPG08, iNKNV08, NFS01b, OLS+01, OD07, Oka01, OO05, OCK+00,
Simulator [HLW05, HKL07b, CGCS07, CD01b, DMD07, GCK02, MP08, VK09a, Gha05, HKL07a]. Simulators [BSW07]. simultaneous [GFS03]. sinc [WDB04]. sine [KS05]. Singer [DDdMS02]. SINGINT [Kau03]. Single [DDMM06, MAM04, MAM07, Dev05, DHS00, FH04, FK00, FS01b, FS02, GSF05, KNSY07b, KFI01, LY05, PRSB08, ISX05, SG00a, San00, SM04, SM06a, YN05b, YD06, SBM09a]. single- [DHS00, FK00, KFI01]. single-cell-based [ISX05]. Single-particle [DDMM06]. single-shell [GSF05]. single-walled [YN05b]. singlet [JC01, KJ07, Voi02, Voi03]. singlet-singlet [JC01]. singlet-triplet [KJ07]. singular [Del08, Kau03, KM08b, LC00, PNH00, Ram04, Riz02, YZW02]. singularities [BW08, GSGT03]. singularity [IM01]. sintered [KEL02]. sinusoids [CN00]. SiSe [CM02a]. site [NLC09]. sites [IW01, IW02]. Sitter [DKV00]. Six [FFK02, Bac00, BBB09a, BGH09a]. Sixth [FFK02]. Sixth-order [CFMR08]. Size [NF02, BJ08, BS08, Car07, DGAG06, GDAG05a, GDAG05b, HBW05, MDS09, RP02, SS02b, VBFD01, WV04]. sized [RRCV09]. sizes [MM01, MK02]. skimming [SS09b]. skin [AAA01, BBBR04]. sky [RTVZ08]. Skyrme [BD05, BFI05, DK00, DO04, DO05, DSC09, SDNR05]. slab [AH02, KV07]. slabs [JTS06]. Slavnov [PTL04]. Slavnov-Taylor1.0 [PTL04]. SLC [JWW00a]. slender [IL07]. sliding [HOT07]. slip [MS05b, SGK09]. slit [BDHP08]. slow [AAM01, Yos03, Yos07]. slowing [CM03]. slowing-down [CM03]. SM [JKW06, JKW00]. Small [CGG00, TIM07, Af09, GF02c, MVS05, ZDKG05, TIM08]. Small-angle [CGG00]. smeared [HK02, KT04]. smearing [Dürr05, Dürr09]. SMMP [EHHH01, EHHH06, MMEH08]. SMMP-open-source [EHHH06]. Smoluchowski [Kos05]. smooth [FMD07, OD07]. Smoothed [BBBD06, JJHvO03, KNV05, TE05, VKP09, BTS06]. smoothing [Dem03, Dem06]. snow [MYJJ01]. social [KOS09]. Sociophysics [Sta02]. sodium [BCP04, Kr02]. soft [HSS08, KPS01, LAMH06, PJSK08, SSLN02]. soft-core [HSS08]. SOFTSUSY [All02]. Software [BG01, Org01, SMZ05, AAG04, AEBO2, BB01, BS04, BN07, BJB08, BFB09, CNMC09, Che07, EHHH06, Esq04, Gha05, KVR00, MP03, OPB09, PFPB09, RC04, RMMP02, SC04, Teh01, TV07, THC07, TYS00, VPP12]. softwares [LL07]. solar [KL01, RTVZ08, SLC09]. solenoidal [YSM09]. solid [BDM09, CGC09, CC08, FFF08, HKK01, HFN03, IC001, JKKT00, KM01a, KK05, LAT04, MMB02, Müs02b, dIRBPL09, RCG05, Ste05, WMNS09, YT01a, Yok09]. solid-state [dIRBPL09]. solidification [NW02b]. solids
Solitary

Soliton

Solitonic

Solutes

Solution

Solution-adaptive

Solvable

Solvated

Solutions

Solve

Solver

Solvers

Solving

Some

Sophisticated

Sorting

Sources

Space

Spacetime

Sparse

Sparsity

Spatio-temporal

Spatio

special-purpose
specialized [SS02a].

specific [DHS00].

spectra [All02, BB04b, BKM02, GCP+02, HSSA01, Jia08, JCO, KJ07, MK05, MKJ+05, MM05, MM09, Por03, RC04, TF04, TKB+04, TK09, WCBN05, vHLP08].

spectral [BP08a, CCBL02, CJC09, EVL00, FS01a, HDG07, Hua09, LBPS09, PMG07, PKST03, She03, SZ00c, TYPV03].

telemetry [ISS+02].

Spectroscopic [GZF04, CDD08].

Spectroscopy [V´eg04, EST00, KSTL03, MB05b, WCBN05, ZPB09].

sphere [PP09, SA09, SWFL00].

spheres [BDH+05, JBS08].

different [Bal07, BK05a, BD05, CRW09, CMT01, MP05, OSK04, OK09, RSMK+00, RJFB08, SAN00, Ta09, TCF00].

SPheno [Por03].

different [AG05, IW02].

spherically-symmetrical [IW02].

spheroidal [CFKM01, Hua09, Kir06, LKC06].

Spin [CY01, NH09, You02, BCC+08, BDLT02, BR09, CSMW02, CPT+01, DKG08, Fl009, Flo01, GF02b, GOC04, HG02a, JW02, Kat02, KLV06, LDBG08, NSM02, OTY02, PS08, PM02, RD05, RL00, SH06, SS06, TEP00, YD07, You05, ZPB09, GS05].

spin- [DKC08, PS08].

spin-orbit [DKC08, PS08].

spin-orbit [DKC08, PS08].

spin-angular [GF02b, GSF05].

spin-box [NH09].

spin-orbit [TEP00].

spinor [MM08].

spinor-helicity [MM08].

spins [DDD+01].

splines [AC09, Nik03].

split [CA07, MK08].

split-operator [CA07].

splitting [Zak01].

splitting [GLP03, SG06].

spontaneous [SMV01, Ico03, SJHY07].

spreading [KPS+01, MMB02].

spring [EM08].

spring-block [EM08].

Springer [Hoo04, Koc02, La00, Par04, Sha04, Vio04].

Springer-Verlag [Hoo04, Par04, Sha04, Vio04].

sputtering [H00].

squares [Dem06, JCO, TD03, WWF08].

SSNT [PBI07].

SSOR [GH00].

SsTools [KK07].

Stability [Van05c, ATIO06, ATF+09, FGF03, SHW01, SH+01, She08, Sim09, TKN01, UYLRRC09].

Stabilization

[VT00c, bHhL07, N04, TCF00, WZ06].

stabilized [BL09b, MVJ09].

Stable [MN01, PC08, RB00, SW00a, WW05, Wan05b].

stacks [Sch08].

stacks [LMS05].

state-history [MHS05].

state-to-state [HGBK08].

states
[BBB+09a, BM06, BH03, BJ05b, CRS05, CWW06a, CWW06b, DGV08, GFG+06, GLMADB+02, GPT08, HC08, JWW00b, KB02, KN07b, LJY07, LLY07, LR07, LVL02, LHMB00, MT00, OvSA02, ON08, PJK00, RF08, RDF02, Sav01, TNCG00, VT00c, YN05b, Zha01, ZSSA00, dO09].

states-computational [KB02]. STATFLUX [GMAN+07]. Static [BBK02b, QCL05, Ver00]. statics [LMM+08]. Stationary [TLCS04, Bae03, DGV08, WDHE04]. Statistical [TSB+05, ASJ+03, Ano09, DSS01, GMAN+07, GGL+02, ISSB01, JGJ09, Nov02, PJSK08, Rin02, SAG+02, Sta00, Swe02, TY01]. Statistics [HNG05, FHF00, ISSB01, YT01b]. Status [UXD+09, Ano01a, McK07]. steady [CTG01, ZSSA00]. stellarators [SIH+01]. stem [Dom05]. step [BCP04, Ber03a, DWZS05, FLO06, HDGM07, Ida03a, Ida03b, IVD03, MA06, Sho07, Ver04, WGZD04, WW05, WC05, Wan06a, WTW04, ZZH09]. steps [KV08, NR01, SSH02, Sho04]. stepsize [WDHE04]. stereo [HFN03, SGM+09]. sticker [Zim02]. sticking [Tsa02]. stiff [BT01, MV09, PC08]. Stiffly [BT01]. still [BL00]. Stochastic [AAA+00, BP08b, DD01, LH01, MRS04, ZS03, ZS07, ZSD+08, ZS08, BDP00, BM02b, BT01, DVG05, FRdS09, FM00, Lad09, TITD01, TRAD09, Var08, ZE00, d009]. stock [LLH07]. Stokes [ICT01]. Storage [BNO+01, Ano09t]. strain [BS0+04, HTA08]. strained [Kim07]. strains [LTT09]. stranded [VYK02]. strange [Lew04]. Strategies [Tri05, Gol00, SLWH02, Ska05]. strategy [Bae03, Gra02, PL05, TLP04, VT00b, WLH00]. stratified [LCM00, TdFK00]. streams [Bru04]. strength [JK02]. strengths [EKW09, HB05]. stress [EM08, HM06a, MCC05]. stress-induced [EM08]. stratiﬁcation [BCD+07]. strictly [SA09]. string [ABD+05, GHIL09, LLY07]. strings [BR01, RK05]. STRINGVACUA [GHIL09]. strong [ACK05, CBBJ02, CKS00, KLD04, Kur02]. strongly [Alv09]. STROTAB [KJ07]. Structural [Bli09, EM08, KACB07, TBR07, Iwa01, ZBB+06]. Structure [GF02c, HIO04, Mor01, AAA+00, AJT+07, ASH06, AJO8, BD08, BT01, BB00, BMG01, Bro07, CPV+08, DHS00, Fis00, FTG07, FS01b, GS06, GHP01, GOH06, GB03, HC00, HTM01, HJM02, JHFG07, KFJ+09, KLM00, KPF03, KNSY07b, LG09, LOY07, LC08b, LB04, LZ04, MS06, MS09, MWA01, NSK01, New02, OKS04, Oka01, PFG06b, PKSF01, QASF+05, RB08, SHV+01, SG04a, SH06, SBM02, SHX02, SKV01, SN07, SMH+01, SKH02b, SYM00, THM01, Vos06, WKP+01, Yos09, ZF09]. structure-preserving [LB04]. structured [DDEM00]. structures [BB07, Cle05, Flo01, GCP+02, HKK02a, HKK02b, LV08, LLY+02, Ly05, LT09, LF02b, LLLG01, MM01h, OGG07, OBG09, PMV02, RRCV09, SLC09, SOAW08, Str01a, TMN01, VS01, WP00]. Student [Ano04a]. studied [Bur02, HTM+08, MS01, RvOvV02]. Studies [BS04a, BJ08, BJ03, CCG08, CSC+07, CSC+08, Dom05, FMD07, HKK02b, LMS+02, MS05, Min01, Rap08, ITKST01, WM00]. Study [LDZ+08, PSK01a, PSK01b, RLU00, iSAK+08, SGF04, SSB04, TAM04, AGGJ07, ABOSP09, ADE+02, BJ02, BZ00, Box02, BBJ+08, BFB+09,
Symmetric [CBF+04, AG05, BN07, Bun01a, CFMR08, CR00, DM07, Kim07, SZ00a, Wan05b]. symmetrical [IW02, WS02]. Symmetries [MG09b, BCFV03, Che07, MG09a]. symmetry [BD05, MMR04, RF05b, Sle00, YN05a]. Symplectic [AK07, OFM03, SS06, CFMR08, Fra07b, MKS07, SS00, SQ03, TQ03, Van06]. SYN [NR01]. Synchronization [BFL+01, MTC07]. synthesis [MP01a, ZLM04]. System [BFL+01, Pub07, AP04, ABNA05, ABC+03, Ano01n, BGILW01, Cap05, Eli05, GC01, IH01, JP09, KS07, KK01, KM00b, KTT02, KMCS01, LDV06, LNV+09, Mar01, Mas00, MTZ00, NFS01a, NFS02, OK06b, Pee07, Pop03, Sol01, SS09b, SQ03, TKS+01, TLM03, TWY09, Ver00, Wan09a, Wei04, ZS03, ZZH09, AAB+08, BNO+01]. systematic [Bra05, Con04, EL06, THC+07]. systems [ATP01, AC07, AJT+07, ASF+05, Alv09, ALN+01, ADDdM07, Bae04, BBC+01a, BFMH+01, BB04a, BCC+08, Ber02, Bin02, BMH+07, BH03, BBJ+08, BFB+09, BVK02, CD05, CGG00, CYAS05, DDMM06, Di01, Dol01, DVL+02, DVL+04, EMJH03a, FGF03, Fra07a, GKI02, GKI04, GPW+09, GSGT03, GM003, bHHL07, HNS01, HL00a, HL00c, HZGZ09, JW02, KBW02, KH01, KNTG03, KW07, KSEG05, Kr05, LM02a, LbotMC01, LNV+09, LPT03, LANM+01, LMM+08, LAM06, LM00, MCH02, MSD08, MFKV07, MHI02, MKS07, MM01, MTJ02, NSMO02, NH09, IOY01, OTY02, OFM02, PM02, PKPV02, PCCD09, PSH06, RF02, RF05a, RF06a, RF07, RF08, RDFS02, Sle00, SSO01, SS06, TAP01, Tat07, Var08, Var02, VT00c, VPK+01, WKP+01, WZHZ06, WYX09, WLGX09, Zha00, ZKASS05]. Sznaijd [Sta02].

T [PPKM02]. T3E [ALN+01]. table [HS01b]. TADpoles [Ste01]. tailored [CR08]. tails [HBMI05]. tangent [BGH04]. tapered [NSKS01]. target [BDB+08, MOC03, OMC00, OSK04, OOK04, PD08]. targeting [vDGM+09]. targets [SBM09b]. Task [CD08, Ano09a]. tauola [GKP+06, BEM+02, GKP+06]. tauola-photos- [GKP+06]. Taylor [DMR01, DMR02]. Taylor1.0 [PTL04]. TaylorUR [vH06, vH07]. TD [WPL02, WT01]. TE [KV07]. TEA [Gha05]. Teaching [HF00, TPBE04].
tearing [Lüt04]. technique [Bae04, CI03, EMJH03a, Hart02, ICT01, KMH02, KA05, KK00, LHC01, LH01, PDA06, QTMH07, Ram01, Sal03, dSL02]. techniques [AP09, Bes02, CLFH07, DSC06, GBW03, Hei01, PBB+04, PY08, Ram04, RM05a, SWC+03, Tod01, TYS+00]. technologies [Chr00, CBM+05]. technology [CRS01, Far01, Lüt00, SMS+00]. telescopes [CBMS08, Gk05].

Teller [MS08b, HC08]. temperature [HTM+08, HJ02, KMD+02, Kart02, KLD04, Lei02, LDZ+08, MTJ02, NH09, PP02, Zha00]. temperature-driven [PP02]. temperatures [DS01, FS01a, Kat02]. Temporal [RMK05, RDS02b]. tens [HHM+09]. tensile [Kim07, LTT09, MDH04]. tensile-strained [Kim07]. tension [NL07, ZHC00]. Tensor [BH01, BGH+09a, Bre07, GBM02, MP04, MGPM07, MGYP08, MG08b, Por00, RY00]. tensor-trick [RY00].
tensorial [HHL06]. term [SVA01]. terms
[AA08, Dzu09, HTM+08, KKS04, MYC09, RMWH01, Yao09]. TERS
[Nat10, Nat09]. test [BJ05b, DVG05, GCP+02, KHÖ01, MTJ02, OML09,
PFPB+09, SKNV01, qXbL04, qX09, ZLL09]. test-driven [PFPB+09].
TESTER [GPW04]. testing [WL08]. tests
[ABC+01, BL00, BFI+00, JW02, TIM07, TIM08]. tetra [HGVC+02],
tetra-atomic [HGVC+02]. tetraatomic [KLTH04, ATP01]. tetrahedral
[CN01, LHS+06]. tetrahedralizations [SMH04]. Tetrahedron
[Zah04, Zah05]. Tetratomic [TAP01]. text [diRL09]. text-based [diRL09]. th
[AKZ00]. their
[BSB02, CGVA09b, CN00, Gro01, KCH00, OS00b, YGT+02]. them
[Ort00]. theorem [CT00]. Theoretical
[CS07, LNK01, Lee04, ASJ+03, BL00, Bre05]. theories
[ALV05, Di 02, MG09b, Tri05]. Theory
[Rou01, ARV02, ALN+01, BB09a, BSK+03, Cha00, Cip07, Cip08, Cip09,
Dzu09, Fod05, Gut06, HHM+09, HLC08, JCO07, KTO09, KH09, LCV06,
MBR01, NP01a, OSK+02, PKSF01, Pee07, PQ05, RF04, Sem09, SKNV01,
SKNV05, SMK01, WW08, Wi09, dGG5+05, vHL08, MG09c]. THERMal
[KTBF06, IK00, CT00, DHS00, HS01a, LLLZ01, RP02, Sat02,
TCF00, WSB04, WCH09]. Thermally [RLU01]. THERMINATOR
[KTBF06]. thermionic [LLLZ01]. Thermodynamic [RS09].
Thermodynamics [BDH+02, BFL04, TNI+07]. Thermonuclear
[HRN00, BSW+07]. thermostats [BP08b]. THERMUS [WCH09]. theta
[Sch05]. thickness [CAW00]. thin
[BDV04, Dan05b, LTG09, LTT09, Mül02, NT04, SLWH02, TÅT09]. things
[Ort00]. thiols [SPV07]. third [MKS07]. thousands [CR05, HHM+09].
threaded [LbotMC01]. threading [NJ00]. Three [CSC+07, CSC+08,
CHM+09, ICI01, KKF+04, PKRK07, QG04, RG04, BCBJ02, BSDMH05,
EELZ04, ES09, GBC+04, HKPL07, JK08, KNT08, KSS02, KL01, KK01,
KM00b, Kr05s, LVLS02, LZS06, LHS+06, LEG02, MTHM04, MOS00,
MOS01, NYH04, OvSA02, PSK01b, SMH04, SB05, Sch06b, TRGR08,
TMTF00, Tak03, TND04, TND05, TY01, Vos06, WW05, WHJ06, WTW04].
three-atomic [KM00b]. three-body [LZS06, LEG02]. Three-dimensional
[CSC+07, CSC+08, CHM+09, ICI01, KKF+04, PKRK07, QG04, RG04, ES09,
KNT08, KK01, Kr05s, LVLS02, LHS+06, MTHM04, MOS00, MOS01,
NYH04, SB05, TRGR08, TMTF00, Tak03, TY01, Vos06, WTW04].
three-grid [Sch06b]. three-quark [OvSA02]. three-step [WW05].
Threshold [FHF00, HOT07, HTM+08]. thresholds [Lüt04]. Thrombosis
[OCS+08]. throughput [SBM09b]. thruster
[CMS04, CSC+04, KB04, TLC04]. TiC [ZLM04]. tight
[CR00, ÖDC02, Ver00]. tight-binding [CR00, Ver00]. tilt [LVH07, ZS03].
Time [FS01a, HGVC+02, Mei01, AOT01, BB04a, BMSG01, BC05, Bow02,
BK05c, BSK+03, CRS05, CHS09, CMT00, CMT01, DSO1, DKKF03, Den08,
DKC08, DC07, DB08, FRN+06, FNR+07, FER+07b, GNZ+09, HDGM07,
[BR09, AGM^+00, BJ05b, CBBJ02, DÆK08, FFD00, GAR05, HBW05, JK02, KITK00, KMP09, KT07, LLY07, LLY07, LDZ^+08, LA09, MSS^+09, Maz00, Mor01, OS03, PDA06, Tat07, Wil02, YH02, YD06]. transitions
[BJ05a, BDH02, Bin02, BHM^+07, BKB02b, CSCK08, CM02b, FHR^+05, JS05, KGM00, KK01, KNSY07b, MCH02, OIKN02, PRSB08, PP02, Ple02, SWL09, SSLN02, YGT^+02]. Translational [TK08]. Translocation
[LC07, MB05a]. Transmission
[Man04, KV07, Nat08, Sch08, SYM00, WP00]. transmission/reflection
[WP00]. Transport
[Ano04-46, KY07, KMR^+09, PMA^+04, ABSM04, BDYK04, CMD00, CGK^+00, EST00, GZ07, ISSB01, Lee04, LLLZ01, Man04, MLF07, MBC^+09, NKSL05, NRR01, PAD^+09, PC08, Pop03, QTL06, Ros04, SYN01, TAM04, TKP06, Vie01, WTH^+04, WML^+05, WRN01, Yak01, YNZ^+09, Zie05, dA08]. trap [CKV04, MA09]. trapped
[RLL07]. trapping [NRDHB01, PCA^+07]. traps [TS06]. traveling
[FD03, Hon04, LL04]. travelling
[EELZS04, bLpL02, LJ08, LJ09b]. treat
[GLMADB^+02]. treating [CA07]. Treatment
[IM01, Bac02, GWK09, KL01, MMR04, FNH00, Ram05, TJLR06, WC00]. tree
[ADB03, BAD01, BCA06, FIJ^+03, JKG08]. treecode
[AL08a, CKV04]. trends
[Sch04]. tri- [HGVCM^+02]. TRIAC
[PB07]. Trial
[PD^+08, PAT^+09]. triangular
[BM06, CHS09, HK02, MCLDP01, She08]. triangulation [BSM05].
triatomic
[HK08, TH06, 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
[WN06c, WN06b, WN08, WC05]. trimer
[Bac02, RY00]. trimers
[GLMADB^+02, OBG09]. triode
[LC08b]. ‘tripleint_cc’ [PAT^+09]. triplet
[KJ07]. tritium
[RCG00]. trivial
[MS08]. tropical
[Mas00]. Trotter
[Imu07]. Trp
[CDFF05]. truncated
[AS^+05, MAA06, WHJ06]. truncation
[Zah00, Zah01]. Tsallis
[FHF00, Sch06a]. TSIL
[MR06]. tube
[PCC^+09]. tubes
[IL07]. tunable
[SJHY07, Vor02]. tuning
[BB03]. tunnelling
[MMM00]. tunnelling
[CL09]. turbid
[CGK^+00]. Turbulence
[Ker02, MCL05, Eo08, GLW03, HDG07, Jen00, KLD04, UXD^+09, YNS^+09]. turbulent
[DV05, Ker02, RJF08, STr01b, TIM07, TIM08]. tweezerblack
[HTNB06a, HTNFS06b]. tweezer
twist
[CC04]. twisted
[BDF^+08, Jan05, JU09]. twisting
[DGL08]. Two
[CLL^+07, CNDC09, FHR^+05, HW09, ID09, LCS07, Moh07, STK^+00, TDD04, UTO09, Var08, AC07, AMP^+00, BCP04, BvG02, BR09, Bli00, CCG09, CCBL02, CMK^+03, DS04, Dev05, DJ08, DHS00, EAU05, EEJ04, FSW08, FSW08, FK00, GR02, GBC^+04, GO00, GMD06, HBM05, HJZ07, HIE09, IV03, JWW06, JK08, JKKT00, KJCG08, KT05, Kim03, KM01c, Kr05, LS05, LUs05, Mah08a, MR06, Nik03, NYH04, Y09].
OvSA02, PD08, PR06, RtVR09, RLV+08, SKH02a, iSHS+08, SSB+09, SGF03, Sol01, SM02, TMTF00, TZ20, TBZ12, TY01, TL09, TdFK00, Ver00, WGDZ04, Wan06b, WS09a, WD04, XZ12, ZY09, ZHZ09. two-
[Kr‘05, TMTF00, TY01]. two-body [AMP+00]. two-center [GME06].
two-component [JKCGJ08, TdFK00]. Two-dimensional [CLL+07, CNDC09, FHR+05, HW09, ID09, LCS07, STK+00, TDD04, UTO09, Var08, AC07, GR02, GOG00, HBJM05, HJZL07, JKKT00, KT05, KM01c, PD08, RLV09, RLV+08, iSHS+08, SSB+09, TZ20, TL09, Ver00, WS09a, XZ12].
two-electron [E˚AU05, Nik03, SKH02a, WD04]. two-fermion [JWW00b, Sol01]. two-flavor [L¨us05]. two-fluid [LS05, NYH04]. two-loop [Bl¨u00, 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]. two-body [AMP+00]. two-center [GME06].
two-component [JKCGJ08, TdFK00]. Two-dimensional [CLL+07, CNDC09, FHR+05, HW09, ID09, LCS07, STK+00, TDD04, UTO09, Var08, AC07, GR02, GOG00, HBJM05, HJZL07, JKKT00, KT05, KM01c, PD08, RLV09, RLV+08, iSHS+08, SSB+09, TZ20, TL09, Ver00, WS09a, XZ12].
two-electron [E˚AU05, Nik03, SKH02a, WD04]. two-fermion [JWW00b, Sol01]. two-flavor [L¨us05]. two-fluid [LS05, NYH04]. two-loop [Bl¨u00, 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].
ADG08, Bar03, BS03, BDW06, Bek06, BS04a, BR09, BFL04, BH01, CN01, CLFH07, CFKM01, CA09, CMT00, CMT01, Cip07, Cip08, CC00, EMJH03a, FKB09, FS00, GVWM04, GMAHV+09, GFP00, GF02c, GSS06, Goe02, GOG00, GFS03, Haf07, Har00, HKP02, IH01, ISS+02, IK00, KPD06, KW07, KD09, LdVJ06, LL+02, LWLL07, Lik01, LSVMW08, LMS02, LNC03, Lüs04, Mah08a, MSY07, MTLC01, ML03, MBR01, Mas05, MFVJ07, MA06, MC09, MM05, ME00, MT00, Nik03, Nil07b, ON08, PL05, PLS09, PAT+09, RB08, RGD+01, ISX05, SNS01, iSAK08, GF02c, GFS03, Haf07, Har00, HKP02, IH01, ISS+02, IK00, KPD06, KW07, KD09, LdVJ06, LL+02, LWLL07, Lik01, LSVMW08, LMS02, LNC03, Lüs04, Mah08a, MSY07, MTLC01, ML03, MBR01, Mas05, MFVJ07, MA06, MC09, MM05, ME00, MT00, Nik03, Nil07b, ON08, PL05, PLS09, PAT+09, RB08, RGD+01, ISX05, SNS01, iSAK08, Sch06b, SM02, SDNR05, SSB04, TAM04, TIN+09, TiTD01, TKSR00, TWY09, TdFK00].

**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]. v1.0 [CJT06]. v1.00 [BD05]. v.1 [BRdAHK04a, BRdAHK04b, dAK01]. V1.1.0 [vdb08]. v1.66p [SDN05]. v1.75r [DD00]. v2.0 [Nat02, TGD07, TL08b, Nat09]. v2.08i [DO04]. v2.08k [DO05]. v2.3 [Mah09a]. v.2.40h [DSC+09]. V3.0 [Tot08, Mah09b]. vacancies [CC08]. vacua [vdb08]. vacuum [AT1006, FS02, GHIL09, KTG04a]. valence [CC08]. Validation [MC01, BB03, CHL+07, PSS09]. Value [IHAR09, ASVA00, CFT01, 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, Yan03d, ZLL09]. variable-coefficient [LL08, qX09, ZLL09]. variable-phase [MBG03]. variables [Str05]. Variant [RK05]. variate [BBBD06, Bel05]. Variation [IN02, NRR01]. Variational [OBG09, FMG00, GLMB02+02, MM01, PAT+09, SM02, Var08, WLH00, Yok09]. variety [TL04]. various [Nii00]. varying [CAW00, Koz02]. VASIMR [IDS+04]. VASP [Ha07]. VASP-a [Ha07]. Vbfnlo [ABB+09]. Vector [Bal07, San00, Whi00, EFS+08, EL04, Kat02, Mas05, Rap06, ULA+02, WLH00]. vector-parallel [Rap06]. vectorised [KSYE00]. vehicular [Wal03]. Velocimetry [iSAK+08]. Velocity [HTM+08, BS08, GRS06, HOT07, Luo00, NHS07, SM06b, TKSR00]. Velocity-dependent [HTM+08]. velocity-field [GRS06]. verification [UXD+09]. verifying [GI09]. Verlag [Hoo04, Par04, Sha04, Via04]. Version [Abe01, BBPS06, HHH+90, Wo03, AAC+06, BLS01, BFB+09, BNF+09, CWW06a, CWW06b, CGV08, CGV09a, Cip07, Cip08, Cip09, CGK+00, DS06, DDO0, DO04, DSC+09, EHH06, FA00, GS01b, HTNBF06a, HTNBF06b, JW000a, JPS+1a, JPS+01b, JS07, JC01, KRW03, KJ07, Mi07, MAM07, Nat09, Nat10, PDL04, Pit05, Pit06, RC04, SYM00, TGD07, TL08b, vH07, BCT09, 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, LZN06, MCL05, Mor01, SFSL09, TCF00, TYS+00, ZA01, Zim05]. **vibration** [KLTH04, TKB+04]. **vibration-rotation** [KLTH04]. **Vibrational** [ABV02, DSC+09, GF02a]. via [AF05, BDH+05, DGLB08, HL00c, LZS05, XSC09]. **VicAddress** [MSY07]. **video** [EFH+07]. **viewing** [Nat08]. **VII** [FIT03]. **VIII** [GSF05]. **violating** [GLL+02]. violation [LPC+04, LCE+09, DGS08]. **Virtual** [TKS+01, HF00, LKP08]. **Virtualizing** [ZC09]. **viscoelastic** [WGS00]. **viscous** [MY00a, MDH04]. **vision** [SGM+09]. **Visual** [GBR+09, PZW+00]. **Visualisation** [MSY07]. **Visualization** [Sea01, TKS+01]. **visualizing** [MPK00]. **VLab** [dSdSW08]. **Vlasov** [AGJJ07, CRS09, DJ04, ELH+05, Fij99, Fij00, FS03, GHP04, IIR+08, Jen00, LDVJ06, MV04, NGE+04, PSL01a, PSL01b, PSK05, SG06, Sle03, SGF03, SGF04, SFF+04, SSB04, UTO09, UNK12]. **Vleck** [Goc04]. **VLIP** [Far01, PKB+01]. **VLPL** [LKP08]. **Voigt** [SK08]. **VOLSCAT** [SBM09b]. **volume** [Ano04-42, Ano04-43, Ano04-44, Ano04-48, Ano04-49, Ano04-50, Ano04-51, Ano04-52, Ano04-53, Ano04-54, Ano04-55, Ano05a, Ano05b, Ano05c, Ano05d, Ano05e, Ano05g, Ano05i, Ano05j, Ano05k, Ano05l, Ano05m, Ano05n, Ano05o, Ano05p, Ano05q, Ano05r, Ano05s, Ano05t, Ano05u, Ano05v, Ano05w, Ano05x, Ano05y]. **VORPAL** [MB04]. vortex [ZZ09]. vortices [TF03]. voxel [LCZ+08]. voxel-based [LCZ+08]. Vries [Zak00b, KD09, ZY09]. vs [HJM02, PJSK08]. Vscape [vdB08]. **VTF** [EFBP04].

**W** [RP02]. waiting [DS01]. walk [Bal01, GG00]. walks [Jen01, JH09b, MP08, SFSH01]. wall [HY07, JKKT00, KT07, MV04, SGK09, SPP+04, SZ04, SBCZ08, WGL06, WS02, HS01a, SZ04]. Wall-Limiter [SZ04]. walled [YN05b]. walls [PLL07]. **Wang** [BR09, DGAG06, LWT08, LOL06, LWLL07, 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, BBBR04, BDJ00, BVKW02, Cai09, CR05, CYAS05, CWW06a, CGA+07, CGVA08, CGVA09a, DKV00, EELZS04, FW01, FPB08, FA00, GIME02, GBD03, GME06, Jen00, JTS+06, JG02, Kir06, KD09, KF03, LJ01, Lew04, bbLpL02, LL04, LJ08, LJ09b, LKCM06, pLB03, LS01, yMS01, MCL05, Mas00, MNYY00a, MNYY00b, Mei01, Mic07, MS08b, MP01b, MSHP02, NM03, PDM+08, PCV06, Sal03, SJP05, SKH02a, Sar00, SLMS06, Sea02b, SWS+12, SWP03, 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, WBDB04, Zak00b, Zak01]. *WAVR4* [KLTH04]. *way* [BSW+07]. *weak* [AJ08, FSK04, HL00e, JG02]. *weakly* [GLMADB+02, Lon07, MV04]. *Web* [BCD+01, CBM+05, DBE+04, KFJ+09, KHL07]. *Web-based* [DBE+04, KKHL07]. *Web-deployed* [KFJ+09]. *weight* [BMML05]. *weights* [BBJW05]. *width* [Zak00a]. *widths* [EH06]. *WIEN* [Gao03, dlRL09]. *WIEN2k* [SBM02]. *Wigner* [PF06a]. *Wiley* [Wan00]. *Wilson* [BBKS09, Cun09, JU09, MKH+05]. *window* [CJC09]. *windowed* [CL08a]. *windows* [CNDC09, HC08, Hor09, JCO1]. *wing* [VK07]. *winners* [Ano04a, Ano04b, Ano04c, Gra02]. *wire* [EMJH03a, RG04]. *WIRED* [BCD+01]. *Wires* [Wan00, FHR+05, GPT08]. *within* [ADS06, BD05, FSB09, FKG00, GFG+06, PLPS08, S09a, SA09]. *without* [BH08, GSS06, Or00]. *WKB* [KM06]. *Wolff* [GDAG05a, GDAG05b]. *wonderful* [Rap02b]. *Woods* [MAM04, MAM07]. *work* [Gre04]. *workflow* [BCC+06]. *World* [BCD+01, PB09a, Rap02b]. *worldlines* [MG09]. *worldwide* [Shi07, Shi07]. *would* [NKV03]. *WPHACT* [AM03]. *written* [Gro01]. *WTC* [ZLL09]. *wurtzite* [GRS06, Tsa02]. *WW* [JKW06, JW00]. *WWW* [BB03]. *Wynn* [CHM00].

X

[Hoo04, AGM+00, BB07, BS04+04, BG01, KMCS01, LZC+08, Sal03, Vég04]. *X-ray* [AGM+00, BB07, BS04+04, BG01, KMCS01, LZC+08, Sal03, Vég04].
REFERENCES

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, BB+01b]. ZGB [LA09]. ZnO [GRS06]. Zobrist [MHS05]. zone [Zah04, Zah05]. zones [FBB01].

References


REFERENCES


Ahmad:2008:ASN


Akishin:2000:SFD


Andonov:2006:SV


Andonov:2007:ESV

REFERENCES


Adam:2003:RCQ


Arnold:2009:VPL


Antos:2001:DFT


Amico:2003:PBB


[ACC+01] G. Antchev, E. Cano, S. Cittolin, S. Erhan, B. Faure, D. Gigi, J. Gutleber, C. Jacobs, F. Meijers, E. Meschi, A. Ni-
REFERENCES

nane, L. Orsini, L. Pollet, A. Racz, D. Samyn, N. Sinai-
nis, W. Schleifer, and P. Sphicas. The CMS event builder
demonstrator and results with Myrinet. *Computer Physics
Communications*, 140(1–2):130–138, October 15, 2001. CO-
DEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (elec-
article/pii/S0010465501002648.

[ACC09] A. P. F. Atman, P. Claudin, and G. Combe. Departure from
elasticity in granular layers: Investigation of a crossover over-
615, April 2009. CODEN CPHCBZ. ISSN 0010-4655 (print),
com/science/article/pii/S0010465508004359.

Vladimir Zykunov. MERADGEN 1.0: Monte Carlo genera-
tor for the simulation of radiative events in parity conserv-
ing doubly-polarized Møller scattering. *Computer Physics
Communications*, 176(3):218–231, February 1, 2007. CO-
DEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (elec-
article/pii/S0010465506003699.

[ACK05] M. Aichinger, S. A. Chin, and E. Krotscheck. Fourth-
order algorithms for solving local Schrödinger equations
in a strong magnetic field. *Computer Physics Com-
munications*, 171(3):197–207, October 1, 2005. CODEN
CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic).
URL http://www.sciencedirect.com/science/article/
pii/S0010465505003115.

[Ada04] V. S. Adamchik. Symbolic and numeric computations of
the Barnes function. *Computer Physics Communications*,
REFERENCES


REFERENCES


REFERENCES

Ablamowicz:2005:CGH


Adler:2007:ERV


Amar:2002:KSE


Alcubierre:2005:RSS


Abbasi:2007:VMU


REFERENCES


REFERENCES

Aydin:2007:SMS


Alexeev:2002:DDS


Avdelas:2001:GHE


Avdelas:2002:GDM


Amirkhanov:2000:FMP

Ahn:2008:NTL


Allanach:2008:SUB


Alford:2005:CGL


Alfe:2009:PPC


Allton:2001:RLQ


Allanach:2002:SPC

Allen:2005:CSM

Attig:2001:GEL

Alet:2005:CAL

Alvarez:2009:DMR

Amirkhanov:2000:NST
REFERENCES


REFERENCES

Anonymous:2000:If


Anonymous:2000:If


Anonymous:2000:Ih


Anonymous:2000:Ii


Anonymous:2000:Ij


Anonymous:2000:Ik


Anonymous:2000:Im


Anonymous:2000:In


Anonymous:2000:Io


Anonymous:2000:Iq


Anonymous:2000:Ir

REFERENCES

Anonymous:2000:ls

Anonymous:2000:lt

Anonymous:2000:lu

Anonymous:2000:lv

Anonymous:2000:lw

Anonymous:2000:lx

Anonymous:2000:IAR
REFERENCES

Anonymous:2000:P


Anonymous:2001:ADC


Anonymous:2001:AIA


Anonymous:2001:AIB


Anonymous:2001:AIC


Anonymous:2001:AId


Anonymous:2001:AFe

REFERENCES

Anonymous:2001:AIVa


Anonymous:2001:AIVb


Anonymous:2001:AIVc


Anonymous:2001:AIVd


Anonymous:2001:AIVe


Anonymous:2001:AIVf


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Anonymous:2002:PIVc


Anonymous:2002:PIVd

REFERENCES

Anonymous:2002:PIVe

Anonymous:2002:PIVf

Anonymous:2003:AIVa

Anonymous:2003:AIVb

Anonymous:2003:AIVc

Anonymous:2003:AIVd
Anonymous:2003:AIVe


Anonymous:2003:AIVf


Anonymous:2003:AIVg


Anonymous:2003:BCC


Anonymous:2003:CPCa


Anonymous:2003:CPCb

REFERENCES

Anonymous:2003:CPCc


Anonymous:2003:CPCd


Anonymous:2003:CPCe


Anonymous:2003:CPCf


Anonymous:2003:CPCg


Anonymous:2003:CPCh

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REFERENCES


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Anonymous:2004:AIVf


Anonymous:2004:AIVg


Anonymous:2004:AIVh


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REFERENCES

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REFERENCES

Anonymous:2005:CVe


Anonymous:2005:CVf


Anonymous:2005:CVg


Anonymous:2005:CVh


Anonymous:2005:EBa


Anonymous:2005:EBe


Anonymous:2005:EBo

REFERENCES


Anonymous. Program index to volume 167. *Computer Physics Communications*, 167(3):258, May 1, 2005. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (elec-
REFERENCES


REFERENCES

Anonymous:2006:CPCa


Anonymous:2006:CPCb


Anonymous:2006:CV


Anonymous:2006:EBa


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REFERENCES

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REFERENCES


Anonymous:2009:AFP


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Anonymous:2009:CPCb


Anonymous:2009:C


Anonymous:2009:EBa

REFERENCES


Anonymous:2009:SHA


Aoki:2001:SFP


Alvarez:2001:DEP


Abrashkevich:2004:CPN


REFERENCES


Atzeni:2005:FKS


Ascasibar:2008:FSM


Alvarez:2005:TPE


Ali:2006:SAM


Aksenov:2003:ACN

Aoyagi:2002:GPC

Takeshi Aoyagi, Fumio Sawa, Tatsuya Shoji, Hiroo Fuku-

naga, Jun ichi Takimoto, and Masao Doi. A general-

purpose coarse-grained molecular dynamics program. Com-


DEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (elec-


article/pii/S0010465502002710.

Avdelas:2000:EEF

G. Avdelas, T. E. Simos, and J. Vigo-Aguiar. An embed-

ded exponentially-fitted Runge–Kutta method for the nu-

merical solution of the Schrödinger equation and related

periodic initial-value problems. Computer Physics Com-

munications, 131(1–2):52–67, September 1, 2000. CO-

DEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (elec-


article/pii/S0010465500000801.

Assous:2009:NPA

Franck Assous and Felix Tsipis. Numerical paraxial ap-

proximation for highly relativistic beams. Computer Physics Com-

munications, 180(7):1086–1097, July 2009. CODEN CPHCBZ.


article/pii/S0010465508004530.

Ackermann:2001:PRN

J. Ackermann, U. Tangen, B. Bödeker, J. Breyer, E. Stoll,

and J. S. McCaskill. Parallel random number generator for

inexpensive configurable hardware cells. Computer Physics Com-

munications, 140(3):293–302, November 1, 2001. CODEN

CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (elec-


article/pii/S0010465501002429.
REFERENCES


See erratum [WA07].


REFERENCES

Becciani:2007:FMH


Baeurle:2003:SPA


Baeurle:2004:GCA


Ball:2001:UCB


Balandin:2007:VSH

REFERENCES

Barashenkov:2000:MCS


Barlow:2002:CCI


Barlow:2003:PCC


Barbot:2004:DSH


Bates:2003:RRL


Bolding:2000:MSM

[BB00] Barry Bolding and Kim Baldridge. Multithreaded shared memory parallel implementation of the electronic structure code
REFERENCES


Butterworth:2003:JWI


Belkhouche:2004:SLS


Beskrovnyy:2004:NAF


Basham:2007:SSS


Bazavov:2009:PPM

Alexei Bazavov and Bernd A. Berg. Program package for multicanonical simulations of U(1) lattice gauge theory. Computer Physics Communications, 180(11):2339–2347, November 2009. CODEN CPBCBZ. ISSN 0010-4655 (print), 1879-
REFERENCES


REFERENCES


REFERENCES


Bogacz:2005:PGH


Bardin:2007:SS


Ballentine:2008:MDC


Belanger:2002:MPC


Belanger:2006:MV

REFERENCES

Belanger:2007:MPCa


Belanger:2007:MPCb


Belanger:2009:DMD


Bhagat:2003:EGB


Boghosian:2000:PBI

REFERENCES

Bonella:2005:LTD


Barnett:2007:MMP


Becciani:2006:FMP


Berche:2002:CEB


Barone:2006:RFD

REFERENCES


REFERENCES

Bellanger:2004:PCT


Butcher:2003:CSS


Bagneres:2000:CDF


Bauer:2002:OLI


Bennaceur:2005:CSS


REFERENCES


**Belov:2008:LMK**


**Bakk:2002:TPF**


**Busa:2005:AFP**


**Binder:2008:SSC**

REFERENCES


REFERENCES


REFERENCES

Bellagamba:2001:LLG


Beliakov:2005:CLR


Bondar:2002:NHC


Berg:2002:GES


Berg:2003:MSS


Bertulani:2003:RPM

REFERENCES


REFERENCES


[BFMH⁺01] L. A. T. Bauerdick, Adrian Fox-Murphy, Tobias Haas, Stefan Stonjek, and Enrico Tassi. Event indexing systems for efficient selection and analysis of HERA data. *Computer
REFERENCES

Brunetti:2001:SXR


Bertulani:2006:MGM


Booth:2009:SA


Baldwin:2004:SCH


Binoth:2009:GNP

REFERENCES


REFERENCES

184


REFERENCES


REFERENCES


[Bogdanovich:2005:PGS] P. Bogdanovich, R. Karpuskiene, and A. Momkauskaite. A program of generation and selection of configurations for the configuration interaction method in atomic calculations SELECT-
REFERENCES


Binder:2000:MCT


Blaak:2005:USN


Blankenbecler:2000:TFA


Becciani:2005:PCA


Basney:2001:UWD

REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES

_Bazhirov:2007:CLP_


_Brunev:2002:IAD_


_Bentz:2007:CCA_


_Bradley:2005:OUP_


_Borcherds:2002:CSS_

REFERENCES


REFERENCES


REFERENCES

Brein:2005:ASP


Bret:2007:BPD


Brooks:2000:QCC


Brown:2007:SMB


Brunetti:2000:FPG


Brushlinsky:2000:MMP


REFERENCES


Tilo Beyer, Gernot Schaller, Andreas Deutsch, and Michael Meyer-Hermann. Parallel dynamic and kinetic regular tri-
REFERENCES


REFERENCES


REFERENCES


[Bur01] Phil Burke. On the retirement of Charlotte Froese Fischer and Ian Grant. *Computer Physics Communications*, 138(1):1,
REFERENCES


Bursik:2002:PCN


Borukhov:2000:NSI


Berends:2002:GMC


Bylaska:2002:PIP


Bakhos:2005:CHR

REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


[CD09a] Yongzhi Chen and Yuefan Deng. A detailed analysis of communication load balance on BlueGene supercomputer.
REFERENCES


REFERENCES


[CGC⁺09] Rajan K. Chakrabarty, Mark A. Garro, Shammah Chancellor, Christopher Herald, and Hans Moosmüller. FracMAP:

**Cavaglia:2007:CMC**


**Carsughi:2000:SAS**


**Chuluunbaatar:2008:PPC**


**Chuluunbaatar:2009:EPAa**


REFERENCES

Chuluunbaatar:2009:EPAb


Chuluunbaatar:2009:OPC


Chuang:2009:PCS


Challacombe:2000:GPS


Chacon:2004:NSC

[Cha04] L. Chacón. A non-staggered, conservative, $\nabla \cdot \vec{B} = 0$, finite-volume scheme for 3D implicit extended magnetohydrodynamics in curvilinear geometries. Computer Physics
REFERENCES


REFERENCES


REFERENCES


[Cip09] Sam J. Cipolla. ISICS2008: An expanded version of ISICS for calculating K-, L-, and M-shell cross sections from PWBA and ECPSSR theory. *Computer Physics*
Chen:2009:ALR


Chin:2009:AOD


Chumakov:2006:OJF


Chikatamarla:2008:CGI


Cundy:2009:NMQ

REFERENCES


REFERENCES

Chen:2003:ANF


Chen:2008:CHW


Colonna:2008:GNA


Cleri:2005:EDC


Chang:2007:GRN

REFERENCES


REFERENCES


Cleri:2001:DHL


Cain:2002:UCC


Carretero:2004:NSC


Chou:2000:SMT


Chou:2001:SMT

REFERENCES


[COE+05] Carlo Cavazzoni, Tomaso Esposti Ongaro, Giovanni Erbacci, Augusto Neri, and Giovanni Macedonio. High per-


REFERENCES


REFERENCES


[CRS05] Nicolae Carjan, Margarit Rizea, and Dan Strottman. Improved boundary conditions for the decay of low lying metastable proton states in a time-dependent approach. *Computer Physics
Crouseilles:2009:FSL


Chekanov:2000:GSC


Caprio:2009:CSH


Chuvakin:2002:EPP


Chung:2007:TMC

REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


Delic:2000:PMK


DeFabritiis:2003:DGM


DiFelice:2005:CAS


Drummond:2005:QPS


Dion:2007:GST

REFERENCES

Deng:2007:CSI


DaSilva:2009:CGS


Dobaczewski:2000:SSH


Deuar:2001:SGQ


Danese:2001:MCM

Duarte:2002:EPS


Dkaki:2000:IDS


DeLauro:2009:LCN


DeRaedt:2005:DEB


DeRaedt:2007:CPS

REFERENCES


REFERENCES

Deluzet:2003:MMP

Deloff:2008:GLC

Damjanovic:2005:MDS

Demetriou:2003:LFP

Demetriou:2006:LFP
Deng:2008:IIM


Deveikis:2005:PGO


Doicu:2000:MME


Doicu:2001:SEW


Decyk:2008:OOD


REFERENCES


REFERENCES

Dyshko:2000:ASH


delaGrandmaison:2005:ECC


delaHoz:2008:ETD


Otero-de-la-Roza:2009:CNP


delaRoza:2009:RTB

REFERENCEs

249


Darlington:2001:SAS


Darlington:2002:LES


Decyk:2004:UPP


Dellago:2005:DMW


deNiem:2007:VFM


REFERENCES


REFERENCES


REFERENCES

Bernardes:2000:KAC


Duncan:2006:FFT


Dobaczewski:2009:SSH


daSilveira:2008:MMD


Doicu:2002:IRG

REFERENCES


Doicu:2003:IRG


Doicu:2005:MPR


deSouza:2002:RHT


Dunweg:2009:PUF


Donangelo:2001:CPS

REFERENCES

256


REFERENCES


Ronald J. Duchovic, Yuri L. Volobuev, Gillian C. Lynch, Donald G. Truhlar, Thomas C. Allison, Albert F. Wagner, Bruce C. Garrett, and Jose C. Corchado. A correction to


REFERENCES


**Egedal:2004:KSV**


**Eppler:2000:NCS**


**Egri:2007:LQV**


**Elkurdi:2008:FAI**

REFERENCES


REFERENCES


Eliasson:2005:PIO


Eliasson:2008:NNG


Elmaghraby:2009:POP


Esleta:2008:SRS


El-Moghraby:2003:CMQ


J. Ehlert, H. Stiel, and K. Teuchner. A numerical solver for rate equations and photon transport equations


[Far01] Paolo Faraboschi. The design of a technology platform for custom VLIW embedded processors. *Computer Physics Communications*.
Fatullayev:2002:NPD


Ferre-Borrull:2001:IHO


Flower:2000:MPS


Fan:2003:DAC


Fang:2007:PFN

REFERENCES


Fiore:2009:EUC


Fung:2001:POP


Felder:2008:CPL


Ferrari:2007:SMP


Freysoldt:2007:DAG

Christoph Freysoldt, Philipp Eggert, Patrick Rinke, Arno Schindlmayr, R. W. Godby, and Matthias Scheffler. Dielec-


REFERENCES


Fischer:2006:SCG


Ferrari:2001:QSR


Filippova:2000:NNS


Feil:2004:PAR


Fachat:2000:SAT

Franzrahe:2005:TDM


Frezzotti:2001:CBF


Fritzsche:2001:MPC


Fijalkow:1999:NSV


Fijalkow:2000:ENS


REFERENCES


REFERENCES


REFERENCES


REFERENCES

com/science/article/pii/S0010465506001147. See erratum [FNR+07].


Franco:2007:EFS


Farias:2009:NSN


Fritzsche:2001:URP


Fritzsche:2009:MPC


Fruhwirth:2003:GMA

REFERENCES


REFERENCES


**Friedrich:2009:ECC**


**Fletcher:2000:DDI**


**Fischer:2004:SAQ**


**Fang:2008:TFE**


**Felder:2008:LPL**

[FT08] Gary Felder and Igor Tkachev. LATTICEEASY: a program for lattice simulations of scalar fields in an expanding uni-

[Fischer:2007:MAS]

[Frontera:2002:AGS]

[Falloon:2001:EWP]

[Frlez:2001:OGP]

[Fischer:2009:BSG]
REFERENCES


**Galvanetto:2000:NCL**


**Gao:2003:LSP**


**Gallo:2005:GTC**


**Gheller:2005:MCF**


**Golosio:2001:NMA**

REFERENCES

Grasso:2004:NSR


Goedecker:2003:EDF


Gargate:2007:DMP


Gay-Balmaz:2002:LCF


Grossu:2009:VTE

REFERENCES


[Gal+02] J. Galindez, F. Calvo, P. Paska, D. Hrivnak, R. Kahus, and F. X. Gadéa. DIM modelings for realistic simula-

Gunduc:2005:ESD


Gunduc:2005:SDF


Gaspar:2001:DPL


Genchev:2001:ECN

REFERENCES


Gervasio:2007:CTM

Gaigalas:2001:CRC

Gaigalas:2002:MPC

Gaigalas:2002:PSA

Gianturco:2002:SDS
REFERENCES

Gaigalas:2001:MPC


Gaigalas:2001:PCP


Gaigalas:2006:JPR


Garcia:2000:EEA


Gygi:2003:CML

REFERENCES


REFERENCES


REFERENCES

Gorbunov:2008:FSK


Golutvin:2000:RET


Golonka:2006:TPE


Gluza:2007:AMP


Gattringer:2002:IDO


REFERENCES


[GME06] I. I. Guseinov, B. A. Mamedov, and A. S. Ekenoglu. Exact analytical expressions and numerical analysis of two-
REFERENCES


**Gutleber:2003:THA**


**Guan:2009:AAL**


**Goc:2004:CCV**


**Goedecker:2002:OPF**


**Guerrero:2000:SST**

M. Guerrero, G. Ortiz, and J. E. Gubernatis. Search for superconductivity in the two-dimensional Hubbard model us-


REFERENCES

Golonka:2004:MTU


Gothandaraman:2009:HAQ


Gehrmann:2001:NEH


Gehrmann:2002:NET


Grassberger:2002:GWG

REFERENCES

Greenwald:2004:BBH


Grebosz:2007:CCI


Grodzicky:2001:CPW


Gates:2001:IDP


Guo:2006:FBM

REFERENCES


REFERENCES


[GWK09] Pedro Gonnet, Jens H. Walther, and Petros Koumoutsakos. \(\theta\)-SHAKE: An extension to SHAKE for the ex-


REFERENCES


[Hahn:2001:GFD]

[Hahn:2005:CLM]

[Hahn:2007:CLM]

[Hahn:2008:MIF]

[Hahn:2009:SHA]

[Hanisch:2000:IAD]


Hawke:2005:GWC


Hartmann:2005:PTF


Haynes:2000:PFF


He:2008:RWP


Hsu:2006:DPP

REFERENCES


Hu:2000:RDM


Hegland:2001:MMD


Hashimoto:2000:IRC


Hirabayashi:2001:LBA


Hajiyev:2004:CRM

REFERENCES


Hoshina:2003:DGS

Hatano:2002:DDG

Hayes:2002:EAP

Homola:2005:SUH

Hernandez:2002:TDM
M. I. Hernández, A. García-Vela, J. Campos-Martínez, O. Roncero, P. Villarreal, and G. Delgado-Barrio. Time-dependent
methods to study the dissociation dynamics of tri- and tetra-

Harting:2005:DTD


Hahn:2009:FPC


Husa:2006:KMP


Hine:2009:LSD


[HJM02] Pernille Høyrup, Kent Jørgensen, and Ole G. Mouritsen. Nano-scale structure in membranes in relation to enzyme
REFERENCES


Huhtala:2002:CNS


Huhtala:2002:CSC


Huber:2007:GGL


Huber:2007:NFS


Hong:2007:CBP


REFERENCES


REFERENCES


REFERENCES


Ho:2002:CSM


Hsu:2005:SLA


Hasebe:2001:SSE


Horiuchi:2004:SFD


Hon:2004:CDA
REFERENCES


REFERENCES


Holzmann:2005:CEI


Hillebrandt:2000:TS


Hoekstra:2001:WED


Holtman:2001:BLL


Hahn:2002:IMS


Zak E. Hughes, Lorna M. Stimson, Henk Slim, Juho S. Lintu- vuori, Jaroslav M. Inytskyi, and Mark R. Wilson. An inves-
REFERENCES


REFERENCES 320


[HYY07] Satoshi Hamaguchi, Masashi Yamashiro, and Hideaki Yamada. Atomic-level simulation of non-equilibrium surface chemical reactions under plasma-wall interaction. Computer
REFERENCES


REFERENCES


Iovieno:2001:NTP


Illenseer:2009:TDC


Ida:2000:IUS


Ida:2002:CSL


Ida:2003:EIU

REFERENCES


Ida:2003:IUS


Ilin:2004:ISI


Isotani:2003:GPA


Inghoff:2001:MPC


Ido:2001:TDM

[IH01] Shunji Ido and Ryusuke Hirose. Three-dimensional magnetic field analyses on the magnetron sputtering system

Ibanez:2009:SDM


Ibanez:2009:SIV


Idomura:2008:CGG


Ihle:2000:TLB

Inamuro:2000:GIM


Iza:2007:LPP


Ivanov:2001:TCS


Itoh:2002:VEI


Ishida:2009:NSD

Inglesfield:2001:ES


Nomura:2008:SPA


Inui:2007:NER


Ishikawa:2000:SPC


Ohe:2001:ACN

REFERENCES


Ishio:2001:WFS


Innocente:2001:CSA


S:2005:OSC


Tsuda:2001:IMS


Veld:2008:AEM

Pieter J. in ’t Veld, Steven J. Plimpton, and Gary S. Grest. Accurate and efficient methods for modeling colloidal mixtures in an explicit solvent using molecular dynamics. *Com-
REFERENCES


Ixaru:2001:CRO


Ixaru:2002:LPS


Ixaru:2007:ECA


Ixaru:2007:FLM


Jadach:2000:FMD


Jadach:2003:FGP

REFERENCES


Jaun:2001:ISG


Jungblut:2008:IIP


Judge:2001:ABW


Jiang:2007:AAL


Jezequel:2008:CLE

REFERENCES

Jiang:2008:AMS


Julia-Diaz:2006:QMQ


Julia-Diaz:2009:QMQ


Jenko:2000:MPV


Jensen:2001:ECS


Jonsson:2002:PCW

Per Jönsson and Stefan Gustafsson. A program for computing weak and intermediate field Zeeman splittings

Jeon:2009:EPA


Jacobs:2009:IET


Jiang:2009:SDR


Johansson:2007:GRA


Jiang:2008:CAH


Jeong:2003:SPH


Janke:2005:CEG


Jiang:2001:IAL


Janke:2002:DPF


Janecek:2008:FSP


REFERENCES


Jackin:2009:COS


Jadach:2001:MCE


Jadach:2001:MCP


Jadach:2009:CMQ


Jonsson:2000:PCM

Dan Jonsson, Kenneth Ruud, and Peter R. Taylor. Parallel calculations of molecular properties. Computer Physics...
REFERENCES


Jansen:2009:TPS

Jung:2002:CMC

Janke:2002:NTC

Jadach:2000:MCP

Jadach:2000:PMC
REFERENCES

Kolobov:2004:FDF


Komatsu:2005:NDN


Kanth:2009:DTM


Kendall:2000:HPC


Kranjc:2007:SMH

REFERENCES


REFERENCES

Kauer:2003:SAN

Krug:2002:CIN

Koo:2004:CMH

Kadau:2002:CDS

Kong:2009:IGF
Ling Ti Kong, Guido Bartels, Carlos Campañá, Colin Denniston, and Martin H. Müser. Implementation of Green’s function molecular dynamics: An extension to LAMMPS. *Computer Physics Communications*, 180(6):1004–1010, June 2009. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-
REFERENCES


Korkmaz:2009:SWS


Krasovitskii:2004:NPD


Klintenberg:2000:ACF


Kadau:2002:MDS


Kenzler:2001:PSC


Kim:2007:ADS


Kirby:2006:CSW


Kono:2000:ALB


Kolodziej:2004:EPN


Kodet:2007:NGV


Kosarev:2000:NCT

REFERENCES


Krawczyk:2002:NCA


Kaya:2004:RAF


Kholodov:2004:NSC


Kim:2001:ERE


Kleiss:2006:EMC

REFERENCES


REFERENCES


REFERENCES


REFERENCES


Kroetz:2009:TCF


Kalogiratou:2009:CES


Kioutsioukis:2005:ESC


Krstic:2007:IFO


Kubota:2007:ENM

REFERENCES


REFERENCES


Korolkov:2004:QMD


Kreuzer:2004:PPA


Kalmykov:2005:LCL


Kadamani:2007:UES


Kolbig:2008:EPP

REFERENCES


REFERENCES


Kozin:2005:ECM


Kunishima:2002:EER


Kakhiani:2009:PGB


Kudryavtsev:2009:MSC


Kurkina:2002:DFS

REFERENCES


Kuhn:2008:PCS


Wong:2001:MCC


Kim:2007:TSS


Kostomarov:2000:PET


Loscar:2009:HEF

REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


Lee:2007:TDF


Liu:2006:MSQ


Lopez-Duran:2008:ASS


Lefebvre:2007:NMA


LeBourdiec:2006:NSV

REFERENCES


REFERENCES


REFERENCES


[LKKK07] Gyuchang Lim, Soo Yoo Kim, Ji-Hyun Kang, and Kyungsik Kim. Dynamical models of high-frequency data analysis. *Com-
Liljo:2008:ODE


Lyubartsev:2000:MDM


Li:2004:RMP


Lee:2007:PPS


Liu:2008:ABT

Jian-Guo Liu and Ye-Zhou Li. Auto–Bäcklund transformation and exact solutions of the generalized variable-coefficient


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


Lange:2002:SAL


Loverich:2005:DGM


Luo:2009:CCG


Lee:2007:PBC


Liu:2008:AMD


[Luo:2000:SRR] Li-Shi Luo. Some recent results on discrete velocity models and ramifications for lattice Boltzmann equation. Computer
REFERENCES


REFERENCES

393


REFERENCES


REFERENCES


REFERENCES


Li:2006:MFD


Li:2008:PAM


Maslen:2000:ALF


Mohankumar:2004:UHO


Mohankumar:2006:TSB

Mohankumar:2008:SCU


Muruganandam:2009:FPT


Maas:2006:SST


Much:2002:KMC


Mahdy:2008:ITC

Mahmoudi:2008:SPC


Mahmoudi:2009:SVP


Mahmoudi:2009:SVF


Maitre:2006:HMI


Makino:2001:GPS


Maley:2000:CTE

Mohammed-Azizi:2004:SPC


Mohammed-Azizi:2007:SPC


Mamedov:2008:AEI


Mancini:2002:REA


Mandrekas:2004:GCC

John Mandrekas. GTNEUT: a code for the calculation of neutral particle transport in plasmas based on the transmission and escape probability method. *Computer Physics


REFERENCES

Molteni:2009:SPI


Marques:2003:OFP


Mattoni:2005:CTS


Marro:2002:MNP


McKee:2007:ACM


Marchetto:2005:THP

Chiara Marchetto, Francesco Califano, and Maurizio Lontano. Turbulence healing via plasma-wave interaction: the...

**Marchand:2001:APG**


**Michielsen:2000:MIA**


**Milotti:2009:NIM**


**Melean:2004:STI**


**Muhlleitner:2005:SFC**

M. Mühlleitner, A. Djouadi, and Y. Mambrini. SDECAY: a Fortran code for the decays of the supersymmetric particles in the MSSM. *Computer Physics Communications*, 168(1):46–70,
REFERENCES


REFERENCES


REFERENCES


Mareschal:2008:P


Martin-Garcia:2008:XF1


Morte:2009:ESE


Morte:2009:SEE


Muller:2009:MLL

REFERENCES


Marini:2009:YIT


Messina:2002:CIC


Morte:2005:ILC


Mattila:2007:ESA


Mason:2005:FRS

Mizusaki:2005:PIR


Michel:2007:PCW


Milotti:2006:PPE


Milotti:2007:NVP


Miyagawa:2007:PAP

Miniati:2001:CNC


Munster:2002:DIS


Mocken:2005:RSL


Mocken:2008:FSO


Monaghan:2009:SPB


Mischler:2002:CIM

[MKB02] C. Mischler, W. Kob, and K. Binder. Classical and ab-initio molecular dynamic simulation of an amorphous silica sur-


REFERENCES


REFERENCES

Milchev:2002:NSP


Meinke:2008:SVS


Molinas-Mata:2000:ERS


Matveev:2004:EST


Matsumoto:2004:SGC

REFERENCES


REFERENCES


REFERENCES


Merimaa:2000:ISP

Masia:2005:PMP

Muller:2009:HBC

Maggs:2005:AFS

Martin:2006:TPC


Matsumoto:2008:ICA


Michel:2008:FCG


Moritsugu:2009:RPC


Martin-Samos:2009:SOS


Mazrooei-Sebdani:2008:NTR

REFERENCES


Meyer:2007:EHT

Mazza:2009:CMC

Makabe:2007:PEF

Mussa:2000:BQB

Mandelzweig:2001:QAN
V. B. Mandelzweig and F. Tabakin. Quasilinearization approach to nonlinear problems in physics with appli-

**Marro:2007:NHW**


**Munro:2002:GOF**


**Man:2001:DFB**


**Miliukova:2000:MMD**


**Moch:2006:XTF**


REFERENCES

Manzhos:2009:FSM


Mizoe:2001:NSS


Mostofi:2008:WTO


McTaggart:2004:FDS


Nakano:2007:PPS

REFERENCES


REFERENCES


REFERENCES

Nakamura:2001:IAA

Niimura:2000:LGM

Nikolopoulos:2003:PIC

Nilsen:2007:PSC

Nilsen:2007:MIQ
Niukkanen:2000:TSN


Nielsen:2000:MTN


Nielsen:2001:NPF


Na:2007:PMA


Neaton:2005:ETO


REFERENCES


Nobusada:2007:ECR


Nikezic:2008:CPT


Numata:2004:NTD


Orlandini:2009:VCS


Omeltchenko:2000:SLS

Ogata:2003:SPI


Ouared:2008:TMI


Oh:2007:EPI


Oberhofer:2008:OBF


Ozdogan:2002:PTB

REFERENCES


REFERENCES


Omelyan:2003:SAI


Oquendo:2009:OTB


Orlandini:2005:SDC


Oliveira:2008:GRP


Okumura:2005:MSM


REFERENCES


REFERENCES


Papadopoulos:2001:PPS


Parmananda:2004:BRB


Papadopoulos:2009:PFR


Plummer:2009:TTP


Plascak:2009:CMB

REFERENCES


REFERENCES


REFERENCES


Pierleoni:2008:TWF


Peeters:2007:CFT


Peterson:2004:SCI


Pagaran:2006:MPC


Parpia:2006:GPL

F. A. Parpia, C. Froese Fischer, and I. P. Grant. GRASP92: a package for large-scale relativistic atomic structure cal-
Pitt-Francis:2009:CTD

Phuong:2002:DCF

Patra:2007:LRI

Pécoul:2002:NMC
REFERENCES


REFERENCES


REFERENCES


Pleimling:2002:PTS


Park:2007:APD


Parks:2008:IPW


Penev:2009:TRE


Poschl:2000:CSG


Plewa:2001:AAM

T. Plewa and E. Müller. AMRA: An adaptive mesh refinement hydrodynamic code for astrophysics. *Computer
<table>
<thead>
<tr>
<th>Reference</th>
<th>Authors</th>
<th>Title</th>
<th>Journal</th>
<th>Volume/Issue</th>
<th>Pages</th>
<th>Year</th>
<th>URL</th>
</tr>
</thead>
</table>
REFERENCES


REFERENCES


Popescu:2003:GMS


Portugal:2000:RPA


Porod:2003:SPC


Potter:2000:JHV


Pisov:2002:CDT

Pena:2009:SER


Park:2007:FFC


Pan:2004:HPL


Poli:2001:TBT


Palazzari:2001:P


Pozzorini:2006:PNE

S. Pozzorini and E. Remiddi. Precise numerical evaluation of the two loop sunrise graph Master integrals

**Portes:2009:CPD**


**Proykova:2000:HIR**


**Paul:2008:PTS**


**Pal:2008:FPS**


**Poghosyan:2009:NPV**

Armen H. Poghosyan and Aram A. Shahinyan. A new parameter for validation molecular dynamics simulation (MD) data. *Computer Physics Communications*, 180(2):238–240,
REFERENCES


Pongracz:2006:ADC


Pohn:2001:SFCa


Pohn:2001:SFCb


Pohn:2005:EVC


Plimpton:2003:LBA

REFERENCES


Puzynin:2000:MFM


Paul:2000:LAC


Picariello:2004:STM


Publisher:2007:PNN


Puetzfeld:2006:PCA

REFERENCES

Puri:2002:KWP


Petersen:2000:IEF


Pooley:2008:LBS


Popp:2001:LTN


Peng:2000:DVQ

REFERENCES

Qteish:2005:EEC


Quinet:2005:RSR


Quesada:2003:DRN


Qiang:2004:TDP


Quigley:2005:CPL

REFERENCES


REFERENCES


REFERENCES


REFERENCES


Reynal:2005:HMC


Reuter:2000:GFC


Rejcek:2002:AFK


Ren:2002:CAM


Ren:2002:STO

REFERENCES


REFERENCES


REFERENCES


[Radtke:2007:SQQ]


[Radtke:2008:SQQ]


[Rohlf:2008:RMC]


[Robinson:2004:TDP]


[Raty:2005:FPS]

REFERENCES

Rodriguez:2001:LCL


Romero:2004:PIC


Rak:2001:KMC


Ribeiro:2002:FCN


Rintoul:2002:NBC

Rizea:2002:PPS


Roy:2000:PMD


Reuter:2008:PIM


Rosso:2005:VMC


Reinhard:2009:GPR

F. Reinhard, O. F. Lange, J. S. Hub, J. Haas, and H. Grubmüller. g_permute: Permutation-reduced phase space density compaction. *Computer Physics Communications*, 180(3):455–458, March 2009. CODEN CPHCBZ. ISSN 0010-
REFERENCES


[RLV+08] M. Rizea, V. Ledoux, M. Van Daele, G. Vanden Berghe, and N. Carjan. Finite difference approach for the two-dimensional Schrödinger equation with application to scission-neutron emission. *Computer Physics Communications*, 179(7):466–478, October 1, 2008. CODEN CPHCBB. ISSN 0010-4655 (print),


REFERENCES


REFERENCES


REFERENCES


REFERENCES


Stanley:2002:ACS


Sakamoto:2007:DGD


Saltelli:2002:MBU


Salek:2003:WPT


Sanna:2000:VSH


Sarkadi:2000:FPC

L. Sarkadi. A Fortran program to calculate the matrix elements of the Coulomb interaction involving hydrogenic wave func-


REFERENCES


Schreier:2006:OEL


Schiavi:2008:TMM


Skouteris:2000:AQR


Sakai:2000:FMR


Scott:2009:F


Stokl:2007:DIH

REFERENCES


Schmid:2007:GML


Stoitsov:2005:ADS


Searle:2001:DV


Seaton:2002:CFA


Seaton:2002:FCC


Semenov:2009:LPA


Sevastianov:2000:PSC


Strandlie:2000:AMF


Schrödinger:2005:NSA


Speer:2006:GSF


Sonnendrucker:2004:VSB

REFERENCES


Sanna:2000:SPC


Segura:2000:ETH


Storer:2001:RMM


Schroder:2004:FBS


Spirkin:2004:UPS


Schreiber:2005:DFI

REFERENCES


[SGL09] Dimitris Skouteris, Osvaldo Gervasi, and Antonio Laganà. A program for performing exact quantum dynamics calculations using cylindrical polar coordinates: a nanotube appli-
REFERENCES


Jamie Shiers. Grid today, clouds on the horizon. *Computer Physics Communications*, 180(4):559–563, April 2009. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (elec-
REFERENCES


Sánchez:2001:IMC


Shen:2002:FDE


Shimojo:2001:IMD


Shimobaba:2001:ECM


Sugie:2004:SPCb

Sanchez:2001:IMS


Simos:2000:AEO


Simos:2008:HOC


Simos:2009:STF


Smirnov:2002:ESS


REFERENCES


REFERENCES


REFERENCES


Souaille:2009:MPC


Sahoo:2009:NCR


Slepnyov:2000:ILV


Shon:2001:MIS


Seo:2007:ILE

Schwartzkopff:2006:AHO


Shu:2002:PSM


Sato:2001:EOA


Stare:2002:NSV


Sanna:2004:SNR

REFERENCES


Sornette:2002:PLE


Sloot:2001:SOC


Shima:2001:FOM


Sbraccia:2005:ASC


Stamatiadis:2000:ATA


Straatsma:2000:NEP

REFERENCES


Souaille:2001:EWH


Shamsi:2005:SHI


Salam:2009:HOP


Srivastava:2001:GEP


Steinbeck:2000:EGS

REFERENCES


Schlier:2000:HOS


Slabospitsky:2002:TSE


Sutmann:2002:CFS


Sutmann:2005:PPP


Steinigeweg:2006:SIC

REFERENCES


REFERENCES


Scott:2009:STD


Senda:2001:SPL


Selke:2002:FSC


Strepp:2002:PTH


Singh:2008:EAC

REFERENCES

Sainidou:2005:LMS


Soloviev:2001:IAE


Sabbane:2002:CAC


Smirnov:2009:FIE

A. V. Smirnov and M. N. Tentyukov. Feynman Integral Evaluation by a Sector decomposiTion Approach (FI-ESTA). *Computer Physics Communications*, 180(5):735–746,
REFERENCES


Suetomi:2000:TDF


Streltsov:2000:ACL


Strunin:2001:CAS


Strunin:2001:TTD


Straka:2005:ATA


Simos:2001:EFH


Simos:2003:DEF


Spinnato:2001:PPB


Srinivasan:2000:PFP

[SVP09] O. Shekhovtsova, G. Venanzoni, and G. Pancheri. FASTERD: a Monte Carlo event generator for the study of final state radiation in the process $e^+e^- \rightarrow \pi\pi\gamma$ at DAΦNE.
REFERENCES


Simula:2001:QCD


Simos:2000:PSH


Skrzypek:2000:HGF


Shao:2009:APN


Shu:2003:OTP

REFERENCES


Shimobaba:2012:CWO


Siu:2001:IFP


Stefanou:2000:MNV


Shima:2001:QTL


Schmidt:2000:STD

Sevastianov:2000:APM


Soloveva:2000:IMS


Subba:2004:MPW


Tafirout:2000:EEH


Tafirout:2000:EHF

REFERENCES


[TAM04] T. Taguchi, T. M. Antonsen, Jr., and K. Mima. Study of hot electron beam transport in high density plasma us-


I. J. Thompson and A. R. Barnett. Modified Bessel functions $I_\nu(z)$ and $K_\nu(z)$ of real order and complex argument, to selected accuracy. *Computer Physics Communications*. 

---

**References**

[Tablero:2001:GFI]


[Thompson:1985:CCF]


[Thompson:1987:MBF]

[TB87] I. J. Thompson and A. R. Barnett. Modified Bessel functions $I_\nu(z)$ and $K_\nu(z)$ of real order and complex argument, to selected accuracy. *Computer Physics Communications*. 

---

**Note:**

See [Tho04b].

Tsai:2002:DCB


Tsuzuki:2007:SCD


Tarantola:2012:CTS


Thacker:2006:PAC


Turner:2007:MDF

REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


Daniela Tordella, Michele Iovino, and Silvano Massaglia. Small scale localization in turbulent flows. A priori tests applied to a possible Large Eddy Simulation of compressible turbulent flows. *Computer Physics Communications*, 176(8):539–549, April 15, 2007. CODEN CPHCBZ. ISSN 0010-4655 (print),
REFERENCES

Tordella:2008:EBS


Tanabe:2009:SHG


Tasaki:2001:PRP


Tabakin:2009:QPE


Torrieri:2006:SFC

G. Torrieri, S. Jeon, J. Letessier, and J. Rafelski. SHAREv2: fluctuations and a comprehensive treatment of decay feed-
REFERENCES


Fabien Tran, Jan Kunes, Pavel Novák, Peter Blaha, Laurence D. Marks, and Karlheinz Schwarz. Force calculation for orbital-dependent potentials with FP-(L)APW + lo basis

**Tokar:2006:NST**


**Tamura:2001:VRS**


**Tolke:2000:DBE**


**Tsoulos:2006:GGM**


**Tsoulos:2006:GCR**

REFERENCES


Tsoulos:2006:MLA


Tsoulos:2008:GEG


Tsoulos:2008:MVI


Tsai:2009:PDT


Taccogna:2004:SPT

REFERENCES


REFERENCES

Reference 1


Reference 2


Reference 3


Reference 4


Reference 5

Tosiek:2008:FPM


Toth:2006:FER


Toth:2008:QVP


Tews:2001:SRC


Theory:2004:DPW

Thibert-Plante:2003:SSA


Tian:2003:ESS


Tian:2008:MNM


Tome:2009:SNP


Tabik:2008:MTD

REFERENCES


TSUNO:2003:GFB

TORSIERI:2005:SSH

TANAKA:2002:RRD

TAIOLI:2006:WWP

TENTYUKOV:2007:EFS


[TYSH05] Mitsuyoshi Tomiya, Naotaka Yoshinaga, Shoichi Sakamoto, and Aki Hirai. A large number of higher-energy eigenval-

**Tang:2006:LST**


**Ukolov:2005:RPN**


**Uhlherr:2003:PMC**


**Urbach:2006:HAM**


**Utsumi:2002:ANM**

Takayuki Utsumi and James Koga. Accurate numerical method for the solutions of the Schrödinger equation and the ra-
REFERENCES


REFERENCES


[UOTM03]


[Uursescu:2005:SAC]


[UTO09]


[Urbina-Villalba:2009:CSR]


[Uxd09]
Utsumi:2004:ABS


Vay:2004:APA


Vakhidov:2000:CPA


Valuev:2005:RPM


Vigo-Aguiar:2008:EFB


REFERENCES


[VEG08] G. Van Lier, C. P. Ewels, and P. Geerlings. Automated determination of chemical functionalisation addition routes based


[vH06] G. M. von Hippel. TaylUR, an arbitrary-order diagonal automatic differentiation package for Fortran 95. *Computer...
REFERENCES


vonHippel:2007:NVA


vanHameren:2000:FAG


vonHippel:2008:EFM


Voglis:2009:NDL


Viehland:2001:IAI

REFERENCES


REFERENCES


REFERENCES


REFERENCES


**Vladuca:2000:SCC**


**Volobuev:2000:MSQ**


**Volobuev:2000:SMQ**


**Vulcanov:2003:CDE**


**Vollinga:2005:NEM**

REFERENCES

Velichko:2002:MCS


Wolff:2007:EMC


Waldeer:2003:DSM


Wang:2000:BRB


Wander:2001:NML

REFERENCES


REFERENCES


[Wang:2009:DMN]

[Wittmer:2007:PMI]

[Wright:2004:URS]

[Watson:2000:LSP]


[WD04] Valéry Weber and Claude Daul. Evaluation of two-electron integrals including the factors \( r_{12}^k \exp(-\gamma r_{12}^2) \) over Cartesian Gaussian functions. *Computer Physics Communications*, 158(1):1–11, March 15, 2004. CODEN CPHCBZ. ISSN


REFERENCES


Wolf:2005:DDR


Wu:2006:PUM


Wang:2007:AOM


White:2000:VFE


Wang:2006:SOF


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES

Warrier:2004:SSP

Welser-Sherrill:2009:ITD

Watanabe:2001:EAT

Wang:2004:GPS

Wu:2004:PTD
REFERENCES

575


REFERENCES


[Wang:2008:IAL]

[Wu:2009:NDO]

[Wu:2009:OCA]

[Wu:2006:SEH]

[XC03]


REFERENCES


Zhenya Yan. The new extended Jacobian elliptic function expansion algorithm and its applications in nonlin-


Yepez:2002:EAQ


Yip:2007:MCM


Yasar:2006:SHC


Yasar:2007:SSG


Yepez:2002:QCP


Yamamoto:2009:HTH

Sumie Yamamoto, Keisuke Fujii, and Akiya Miyamoto. A handy tool for history keeping of Geant4 tracks —
REFERENCES


<table>
<thead>
<tr>
<th>Reference</th>
<th>Description</th>
</tr>
</thead>
</table>


REFERENCES


Yang:2002:CDS


Zimmermann:2001:OPL


Zaharioudakis:2000:CST


Zaharioudakis:2001:CST


Zaharioudakis:2004:TMB


Zaharioudakis:2005:QCT


REFERENCES

Zhang:2006:CFS


Zasada:2009:VAS


Zhou:2005:LLR


Zaloj:2000:PCM


Zatsarinny:2000:GPC

Zatsarinny:2009:ASC


Zhang:2000:FTC


Zhang:2001:ESD


Zhan:2008:PIW


ZHC00


Ziegler:2004:ABA

REFERENCES


<table>
<thead>
<tr>
<th>Reference Code</th>
<th>Authors</th>
<th>Title</th>
<th>Journal</th>
<th>Volume and Issue</th>
<th>Pages</th>
<th>Date</th>
<th>Digital Object Identifier (DOI)</th>
</tr>
</thead>
</table>
REFERENCES


Zhou:2005:CEB


Zia:2000:CBE


Zhao:2005:IFO


Zhang:2004:CNA


Zhang:2009:LBM

Jianying Zhang and Guangwu Yan. A lattice Boltzmann model for the Korteweg-de Vries equation with two conser-