A Complete Bibliography of Publications in
 Computer Physics Communications:
 2000–2009

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

30 May 2024
Version 1.26

Title word cross-reference

$(O_m|\alpha_n)$ [De 02], * [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, TPYY03, WCG04]. 2 [RS00]. 2p+ [JK01]. 3
[Aok01, BD00, Bal07, BFH05, CCFG05, Cha04, CBBJ02, DGV08, EL04,
FDM07, FV02, GBM02, GS01a, GBD03, GBA01, GMBC08, HG02a, HBR05,
JW02, KKS04, KMS05, MZB+04, MNV00, NSY02, PCV06, QR01,
QTL06, RLRR06, SJCM04, SG04b, SBB03, SG01, TAM04, WLH00, WCG04,
WHL+07, XON08]. 3/2 [DKC08]. 4 [CBBJ02, Tor00, WLH00]. 4fγ [KJ04]. 6
[FMD07]. 7 × 7 [LK07]. 8 [GCP+02]. -1 [CRV00]. 2π [HC08]. 3
[MNYY00b]. 3 [Eas08]. 4 [KMO0b]. (R) [MBKJ09]. 0, 3 [JK01]. 0.7 [JK01].
12 [KMD+02, NT05]. 2
[CM02a, EVL00, Gha05, Gro01, HTA08, TAP01, VMMB02]. 4 [KPL07]. 6
-method [PAD07]. -orbit [Dev05]. -pair [JPS⁺01b, JPS⁺01a]. -penalized [Lor08]. -pinch [Pet04, RG04]. -pinches [SBL⁺04]. -Point [Tör00, TMN01]. -product [Tos08]. -qubit [RF05a, RF06a, RF07, RF08]. -ray [MKJ⁺05]. -regime [GHLW03]. -SHAKE [GWK09]. -SiC [MCC05, RPD⁺05]. -space [CC04]. -stability [Sim09]. -state [CBBJ02]. -theorem [CT00]. -to- [LDZ⁺08]. -wave [CWW06a]. 0 [Par04, Sha04, Vio04, Wan00]. 0-471-98495-7 [Wan00]. 0.0 [BLS01]. 0994 [Hoo04]. 1 [CRPC08]. 1.0 [KRW03]. 1.02 [JS07]. 1.3 [BBPS06]. 1/f [RDSS01a]. 10-state [BKB02b]. 100 [NSYZ02]. 111 [NSYZ02]. 124 [JKW06]. 125 [Ixa01]. 126 [TA00a]. 127 [KM01b]. 128-bit [DH00]. 130 [MOS01]. 134 [AA01b]. 144 [DVL⁺04]. 146 [Voi03]. 147 [LPR04, MSHP20]. 147/3 [MSHP20]. 150 [Ida03a]. 151 [Yos07]. 153 [Hon04]. 156 [WA07]. 161 [TND05]. 161 [Hoo04]. 161-0994 [Hoo04]. 162 [SM06a]. 166 [GDAG05a]. 174 [AAB⁺07]. 175 [FRN⁺07]. 177 [CSC⁺08]. 178 [CGG⁺09]. 179 [CGVA09a, Poi09]. 180 [Nat10, Ram10, Ras17, Wu10]. 2 [Ano09u, ABC⁺01, BCAD06, Hah09, HM08, Laf03, SS09a, SIE04]. 2-dimensional [SD07]. 2.0 [ABM03, BBPS07a, BCKT09, CGVA08, GS01b, HTNFBS06a]. 2.0.7 [BBPS07b]. 2.1 [HTNFBS06b, Pöt00]. 2.7 [TKK⁺06]. 2000 [BJS00]. 2001 [DVL⁺02, Koc02]. 2003 [Ano04b, Ano04c]. 21st [Nov02, Swe02, You02]. 2DRMP [BNFM⁺09, SSB⁺09]. 3 [ABF⁺01, Hah01, Laf03, Par04, Sha04, Vio04]. 3-540-43289-2 [Laf03]. 3-540-43416-X [Hoo04]. 3-540-43908-0 [Par04]. 3-540-44363-0 [Sha04]. 3-540-66783-0 [Voi04]. 3.0 [MMEH08, Sem09]. 3.1.1 [PDL04]. 3.25 [SS02a]. 31 [KS08]. 32-bit [JC01]. 36 [Tho04b]. 39 [NY08]. 3D [Wol03]. 4 [SHI02, Wel01]. 47 [Tho04a]. 4B [KN07a]. 4th [ISX05]. 4th-order [ISX05]. 6.2 [KRW03]. 6.3 [KRW03]. 6D [FDM07]. 7 [BLS01, Wan00]. 7-0.0 [BLS01]. 77 [Dem03, Dem06]. 90 [BRdAHK04a, DG08, KLM00, PS08, SS09a]. 90/95 [DG08]. 95 [vH06]. A-priori [DVG05]. a.c [KSTL03]. Ab-initio [PCCD09, MB02, Nik03]. ABC [SCM00, TAP01]. ABCD [ATP01]. Abel [CTR00]. ABINIT [Ano09a]. absolute [SVMT00, Sus01]. absorbing [UOM01]. absorption [JK01, KV07, N01, VAH04, Yos03, Yos07]. abstract [Por00]. ac [WGY01, iOY01]. accelerate [BK05c]. Accelerated
Accelerating [BDV04, WH00, FIT03, LdG+07, GPW+09]. acceleration [BDV04, KHN01, Wen01]. accelerator [KSHP02, SEE+03, TIN+09]. Accepting [FHF00]. Access [BNO+01, Ano09a, Han00, ZC09]. accessible [BDH+05]. Accord [Ano09u, Hah09]. Accounting [YvG05]. accuracy [FG04, MBR01, RMK05, SSZ01, TAKN02, TB87]. Accurate [KDW00, Mam08, SMH+01, UK02a, UYK+04, iVPG08, AH02, BT01, CWSH08, CD04, DWZS05, EAU05, LTG09, Moh08, NM01a, Sim00, SR01a, VKM+05, WW05, YB02b]. AcerMC [KRW03]. Acetylene [SPC+05]. achievements [Mni05]. acid [CTI07]. acid-water [CTI07]. aCLIMAX [RC04]. acoustic [NN06]. Acoustical [WP06, SWP03]. acquisition [GMO03]. acting [JKKT00]. actinides [EA01]. action [Dur05, Elb05, HJM02]. action-computer [HJM02]. actions [KT04]. activated [RLU01]. Active [AC05a, KL01, LOY07]. activity [EYJ07, IN02]. adaptability [GGL03]. adaptation [BTS06]. adapted [Fra02, LLY07]. adapting [Jad00]. Adaptive [BRE05, CC07, CNDC09, Dys02, KNTG03, PM01, SF00, Zit09, ABRS12, BS08, DPSC06, FS08, GHPS04, HCH+06, HJZ09, KTT09, KCH00, KKF+04, LDCS01, LHS+06, MOM+00, MM05, Ros04, SJCM04, SD07, SFR05, TC06, WPL02, ZS03, Zie04, Zie05, 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, BS05, CGA+07, CGVA08, CGG+08, CGG+09, CGVA09a, EKW09, KM05, MN01]. adiabatic-by-sector [MN01]. adjacency [LB04]. adjoined [CGVA09b]. adjustable [Bar03]. adjustment [bHhL07]. adjustment-stabilization [bHhL07]. admixed [BK01]. adsorbate [LJ01, YN05b]. adsorbed [WMNS09]. Adsorption [LK07, 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 [OPB+09]. affine [MP01a, PZ01]. AFMM [VCC05]. after [ZsdD+08]. Against [CJC09]. AgCo [PMH08]. agent [NV+09]. agents [BA09]. agglomerates [CGC+09]. Agglomeration [WDF+02]. aggregates [MDS09, Vor02]. aggregation [KP01, Vor02]. aided [ZSSA00]. air [EFG+00, KMZZ05, NV09, RMVQ07]. Airy [Ixa07a]. aITALC [LR06]. Al [JK01, KNSY07b, LK07]. ALE [DMR01, DMR02]. ALEGRA [RG04]. ALEGRA-HEDP [RG04]. Alfvén [DJ04, GIME02]. Algebra [Koc02, BKK09, BCV03, MG08b, Pee07, Pue06, Rob00, Wei04]. Algebraic [Blu04, Har00, JC07, SKF05, BS03, dSB00, IBA00, JC08b, MK07]. algebras [AF05, dSB00]. Algorithm [WHCL07, ALV05, AH03, ABER00, Asco08, AK03, BVY05, BPRW06, BH05, BJ08, BB04b, BR09, BG09, BJ03, BSS09, BS08, Bru00a, BCCW03, CN01].
Algorithmic [AHS09, VPCK04, XC03]. Algorithms [BMSG01, CTSZ07, FB01, VB01, AAP03, ACK05, BBD09, BOG07, CC07, CMR01, CM03, FD09, FHW07, GGL03, JC07, KCC00, KF05a, KPF03, LPC00, LZ06, LZ08, MP01a, MRS04, Mey02, MK05, MHK05, Miu02a, OTY02, OM02, OM03, SK01, SPS05a, UTK05, VAMVR08, VPP12, WL00, WC00, WC00, WCB05, ZIM02]. Aliasing [Ver04]. ALICE [Ano01a]. aligned [EMJH03b]. Alignment [LVH07, AAM01, AP05]. alkali [KB02]. alkane [RJ06]. alkane/hydroxylated [RJ06]. alkyl [SP07]. all-to-all [FJC05]. allosteric [LOY07]. allotropes [AP09]. alloyed [SG05]. alloys [Bur02, SS01]. AIN [QAS05]. alone [DGR09]. along [SGF03]. also [Var02]. ALTDSE [GNZ09]. Alternating [XZ12]. aluminum [LC08b, RJ06]. ambipolar [WTH04]. AMBRE [GR07]. amorphous [BH03, CCR05, L02b, MB02, N01, The05]. amphiphilic [L05, LNC03, NT05]. amplification [HS07, HW09, K05]. amplified [SJH07]. amplitude [Cha07, KLTH04, KS01]. amplitudes [BB09, FJ07, H01, KP00]. AMR [CD07]. AMRA [PM01]. AMS [SM01]. analog [AP04]. analogues [IN02]. analyses [IH01]. Analyzing [KS04]. Analysis [CL03, Dom05, RDDS01a, SZ00b, AT006, ASJ03, AdlT03, Ano01n, Ano09t, BF01, BLC05, BS06, BBD00, BFB08, BDF08, CK09, CG00, CCG09, Che05, CD09a, GRE07, GME06, HDGM07, HC08, H001, H006, ISC01, JKG08, JC01, KKS04, KNU00, KJ07, K06, LKK07, LZ00, L007a, LRR09, ML03, MNY00a, MNY00b, M09, M01, MD00, MIM07, MK05, MM09, O800b, dRB09, PR08, Ram10, RTS01, RPY07, RSO01, SK01, SPS09, SR01b, SK02b, S00, TCY08, TBO12, TdRG09, TK09, TY01, TBO07, Van05c, XC03, Yan09, ZBB06]. Analytic [Bli00, Di02, Gut06, Ste02, BDF05, Cza06, Dra01, GSS06, KVR00, SPS09]. Analytical [Don02, PNH00, AAC06, BBC01b, BS08, D05, Dol01, GME06, HG02b, L09a, RE09, WW06]. analytically [OMF03]. analyzer [SG04b, TF00]. analyzing [RC04, YH02]. anchoring [LS02]. and/or [IW01]. Anderson [CMRS02, YH02]. aneurysms [OCS08]. angle
[CGG00, GW01b, ZDKG05]. **Angular** [Dun05, Yos07, BS04a, DK05, FIT01, FIT03, Fri09, GFF01, GFG01, GF02a, GF02b, GSF05, GWK09, HCO01, ID09, IFF01, PFG06a, Ste02, SFSL09, ZF00]. **anharmonic** [TS06, dAK01]. **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, FHF00, Sch06a, TL06a]. **annihilation** [AAC+06, BBC+01b, WCBN05]. **Announcement** [Ano01-39, Ano07-29, Oh104, vH07]. **anodic** [LC08b]. **anomalous** [BKKS09, JKW00, JKW06, PSW00]. **antenna** [CLL+07, LCS07, PHKL02]. **antennas** [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, OTY02, PKPV02, RDF02, RMLB01, SAG+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, NN06, OMF03, QP05, RLV+08, Ry00, SLC09, SEC04b, SN07, Sho04, SGL09, UTO09, Vég04, VW05, ZS07, VAIH04, ZC09]. **Applications** [JJHvO03, LV08, Nil07a, RM05a, BP08a, BBB+01, Bru04, CDH+06, GC01, GLHW01, HMY+02, Ida03a, Ida03b, KKK07, KS04b, LYL07, LdG+07, LHS+06, MRF+05, OS00b, Ram10, San00, Sta02, Suc02, WHL+07, Yan03c, ZC09, KP06]. **applied** [Bes02, CRS01, IF03, MKJ+05, NP01b, SS02b, Toi02, TIM07, TIM08, Wal03, WGY01, WJW09]. **Applying** [Iwa01]. **Approach** [ST09, Ano09a, Bow02, CRS05, CCBL02, CGA+07, CGVA08, CGVA09a, CD04, CB05, DC05a, FD03, FG03, GBA01, HKK+01, Hon04, HCKK00, Hak02, IK000, IN02, KKK07, Ker02, KSHP02, KM03, KM08b, JL01, LH03, LJ09a, MC03, Man02, MT01, MGG05, MM01, NM03, Niu00, OLS+01, PLL07, Pis00, PPFB+09, RTS01, RM05b, RLV+08, RGD+01, SS09a, SG00a, SM04, SM06a, SBM09b, Sch06b, SJDC07, Sk05, Teh01, TKSR00, THK+07, VF03b, VKM+05, Wil02, WW06, Yak01, Y009, YT01b, YG09, ZE00, ZPB09, SBM09a]. **approaches** [ABS04, BDK+06, IHAR09, PKKM02, PJSK08]. **approximants** [FH04, RB05]. **approximate** [WW06]. **approximating** [HKP02]. **Approximation** [AA08, Sch05, AT09, CSCK08, EKW09, FH04, Fro03, GSM+03, Int07, MSB09, ovSA02, OIKN02, PMG07, PCC01, Pom06, Ram10, Rob01, Roy09, SWY01, Tör00, Vak00]. **approximations** [DC07, SK08, SSA07, XD08]. **APW** [TKN+08]. **aquifer** [Alf05]. **ARANEA** [MCLDP01]. **Arbitrarily** [SW09]. **Arbitrary** [SLMS06, BD00, BS00a, CJK09, Esi01, FKAM05, IW01, KS05, Kos05, LM02a, LL00, MK09, OXS04, XSC09, ZK06, vH06, vH07]. **arbitrary-order** [vH06, vH07]. **arbitrary-precision** [KS05]. **architecture** [BBB+01, EFS+08, EL04, GMO03, ISSC01, Oli01, PKB+01, SvAS01, SIE04].
Boltzmann [Wal03, BBD00, BS00b, CT00, CK08, DPB01, DHB+04, DSL09, Dys02, HL00a, HCO01, IK00, IK00, KITK00, LNC+03, Luo00, MHR+07, MC08, MS05a, OCS+08, PPM04, PY08, ST02, Suc02, TMTF00, TCF00, TdFK00, ZHC00, ZY09, vdSvdG08]. Boltzmann-like [Wal03]. BoltzTraP [MS06]. bond [BCBJ02, CYAS05, HJ02, NLC09, OK06b, ZBB+06]. bond-diluted [BCBJ02]. bond-site [NLC09]. bonded [Bac02]. Bondi [Rib02]. Book [Ano00a, Bre01, Hoo04, Koc02, Laf03, Par04, Sha04, Vio04, Wan00]. Born [BS03, CCD07, OIKN02]. Bose [BGJ+07, BBR03, CPS00, CC07, CCL08, CC09, LR07, Nil07a, SVS01, TQ03, TS06, ZZ09]. boson [HHH+09]. bosons [ABB+09, DC05b, HHW00, RM05b]. both [AA08, CL08a, Yao09]. bottom [TSA+03]. botulinum [CCD07]. bounce [CBKM01]. bounce-averaged [CBKM01]. Bound [MT00, AMP+00, Bac02, DSH03, GLMADB+02, GPT08, LEG02, OvSA02]. boundary [AMP+00]. boundaries [MK09, UOM01, Ver04]. Boundary [GPT08, AA08, CRS05, CLR08, CLFH07, CFKM01, CY01, CS02, CHM+09, DM09, EH07, Kar02, KEM+01, KSSH04, KT07, LJ09a, LC00, LAT04, Liu07a, MK09, MNV00, MPS09, PPC07, Ram04, Ram09, Ras17, Sus01, WGL06]. boundary-layer [Ras09, Ras17]. boundary-value [LC00, Ram04]. bounds [MA06, SMZ05, ZSM05, vdEFL+02]. Boussinesq [YB02a]. BOUT [DUX+09, UXD+09]. box [NH09]. boxes [KN07b]. bracket [KH001]. brackets [UTKF05]. Bragg [MTLC01]. branched [JAT03]. BRANECODE [MFF+05]. braneworld [MFF+05]. breakdown [LSL07, NV09]. bremsstrahlung [Fri03]. bremsstrahlung [LF02b]. brief [Mar08, SMS08, Ver00]. Brillouin [Zah04, Zah05]. broad [dO02]. broadening [WCBN05]. broken [Sle00]. Brownian [DHB+04, RyOvV02, SS02b, WLR+08]. browsing [BBB+00]. BRST [PTL04]. Bruce [Ano04-56]. brushes [LS02]. BSR [Zat06, ZF09]. BtoVVana [BS06b]. bubble [NN06, WGS00]. buffered [GS01a]. builder [ACC+01, ABF+01]. Building [HS01b, BBB+01, FMK09, SG04a]. built [LV08]. bulk [Mam08, Moh08]. Buneman [Ano04c]. Burgers [RE09, Zak00b]. bursting [TRGR08].
EKW09, Gro01, KW08, LZ06, LC01b, MS06, Mah08b, Mah09a, MFVJ07, Nat08, NY06, Por03, SHX02, SFR05, Ta09, WP00. **Calculation** [Alf05, Bek06, FM03, GF01, GMBC08, Jia08, Kir06, LVLS02, LS01, OMC00, ST02, UVRRC09, Vul03, Zah00, Zah01, AC07, AL08a, Bar03, BKM02, CCB02, CWSH08, CH00, CD04, Co07, CL08b, EVL00, FK00, FSB09, GSM+03, GMAN+07, Goc04, GDAG05a, GDAG05b, HH+09, HSBK08, HHW00, IBA00, KK00, LANM+01, MDS09, Man04, MR06, MWA01, MOC03, Nik03, PCCD09, Por00, Ram10, RDAVG+00, SLC09, SJP05, Sea02b, Sol01, TKB+04, TNGC00, TKN+08, VF03a, VF03b, VS06, VT00a, Vos06, Yan09, ZSD+08, ZS08, ZDKG05]. **calculations** [AIOST03, AJT+07, Bac00, BTI01, BH01, BKM05, BBB+09b, BMG01, BD06, CN01, CD01a, CC08, Con04, Dan05a, Dan05b, DS06, Dan07, DTD+02, Elm09, Fer07a, FFD00, FFG02, FTGG07, FKG00, GZF04, GIME02, GHP01, GGG01, GBTM07, GD03, Go00, GW01b, GRS06, HCO0, HHH+09, HLC08, HPC05, HTM01, IM01, IBM03, JRT00, KDW00, KLD04, Kon02, LCB+00, LOCJ05, LLV+01, LEG02, LR06, LZ04, Mah09b, MC03, MHGV09, MSB09, MBR01, Me01, MN01, MAM04, MAM07, MSPH02, MSPH20, OD08, OBG09, PFG06b, PWH+00, Pog05, Pue06, QASF+05, RPD+05, RGG+01, SHW01, SIH+01, SNS01, SMB02, SKNV01, SN07, SGL09, SMH+01, SJ02, SR01b, SVM00, SY00, SNBB02, THM01, TAKN02, TN04, TND05, TYS+00, VKM+05, VT00b, WKP+01, Wil09]. **calculator** [ZF09, Zha00, dSdSW08]. **calculators** [Bar02, DK05]. **calibration** [AAM+01, HTNFBS06a, HTNFBS06b, RTS01, TNBSF04]. **Campbell** [WS09b]. **can** [BKB02b, Gre04, MMMM00]. **cancer** [Dom05, TaRG09]. **Candida** [CCG08]. **CANM** [AP04]. **Canon** [MP04]. **canonical** [Bae04, FdO09, JKW06, KRW03, TA00a, WA07, AW04, ABM03, ACIZ07, ASF+05, AGS07, An03h, ABB+09, Asc08, BS06a, Bae03, Bae04, BBB+09a, BJ02, Bar00, BDG+08, BVG02, BR09, BL00, BMM05, BHM+07, BM01, BHL02, BK05b, BDK04, BK02a, BK02b, Bur02, BB03, CGCS07, Che05, CGK+00, Cn09, CKA+09, DS01, DDD+01, DGLB08, DDR03, DH01, FNR+06, FdO09, FM01, G501a, GPW04, GW01a, GPW+09, Gra02, GOG00, GRS06, HPC05, HMK07, HCK00, Huc02, JK00, JAd00, JWW00a, JWW00b, JPS+01a, JPS+01b, Jad03, JS06, Jun02, JBS08, KH01, KPL07, KAt02, K106, LTA05, LF02b, MBK09, MR04, MHS05, MHS+09, Maz00, MSK+05, MP03, MMB02, MB05a, MP06, MG09a, MABK02, MER+00, MMK02, Nat08, Ni07b, OTY02, OPO+08, PMA+04, PSW00, PSp03, RP02, RIB01, RPD+05, RS00]. **Carlo** [RK05, Sch04, SVP09, SLLM02, SMMT00, SSL02, TA00b, Tak00,
[ABNA05, BFLW07, CRPC08, CRS01, CW01, DVL⁺02, DVL⁺04, HYY07, ISS⁺02, Pin01, PJSK08, SK05, SN07, SVMT00, VEG08, WSB04, ZBB⁺06].

**chemical-physics** [CRS01]. chemistry [KAB⁺00]. chemometric [IN02].

**CHEREN2** [CM06]. Cherenkov [CM06]. CHIMERA [Ano⁺01n]. Chip [EFG⁺00, Dom05]. chiral [CAW00, GRR01, Jan05, KSS02, SK05, SN07, SVMT00, VEG08, WSB04, ZBB⁺06].

Choice [Tak00]. cholesterics [OMY05]. Chombo [MGN07]. chromatin [LOY07]. Chromodynamics [SHT08, ABD⁺05]. CI [ABER00, Nik03]. CIP [MS08a, MYJY01, UK02b, UK02b, VYK04].

Circuit [LH03, Oli01, PPC07, Pet04, VK09]. Circuits [Bor02]. circular [DM09, VYK02]. circularly [NY07]. circulation [SVS01].

class [Bel05, Ano03h, BBJS09, CR08, KPF03, PSH01, SLBG09, SS06, TBL02]. Classification [KW07, AAM⁺01, OMF03].

Clausius [LWY01]. cleaning [JH09a, MOS00, MOS01]. clear [RTVZ08]. clear-sky [RTVZ08].

ClearSpeed [TIN⁺09]. Clebsch [BRD04, CRW09, Dra01, KW08, RF06b].

Clifford [AF05]. close [BLCR05, HSJ02, KF05a, MP05r]. closed [BKKS09, Sim08]. closure [Ker02].

cloud [KPS⁺01]. clouds [Bel05, Ano03h, BBJS09, CR08, PSH06]. classes [CTR00]. Classical [Elb05, MKB02, Rap02a, ASH06, ASF⁺05, CL08b, DDFI09, GF02c, HSSA01, KB02, Lüt04, RM03, SLBG09, SS06, TBL02].

Classification [KW07, AAM⁺01, OMF03].

CLUSTEREASY [Fel08]. Clustering [GM00, BCCW03, Got01].

clusters [ASH06, Bac02, BBOY08, BBB⁺04, BM01, DDFI09, Fel08, GCP⁺02, GB05, GF02c, HGVC02, Iwa01, JBA05, Kur02, KF01, LNLK01, MB05b, MT02, NW02a, Tak03, Yur02].

CMS [Org01, ACC⁺01, GKM⁺00].

CMS/ECAL [Org01]. CMSapi [MRF⁺05]. CNDO [SS09a]. CNDO/2 [SS09a]. CO [Gha05, Mah08a, VMM02].

coalescence [NFS01a]. coalescing [CSS⁺03]. coarse [ASS⁺02, BL09a, EL06, FAITD01, LS02, LS09, MS09]. coarse-grained [ASS⁺02, BL09a, EL06, FAITD01, LS09, MS09].

coated [CAW00]. coating [SR01a].

Coatmèlec [GMAHV⁺09]. COBRA [SHW01].

Code [Ano04-46, LC01b, OSK04, OK04, PMA⁺04, RGD⁺01, ATF⁺09, ADBF03, Bar03, BAD01, BLCR05, BCAD06, BAD07, BMS⁺09, BG06, BB00, BN07, BAB04, BGS⁺04, CBKM01, CGK⁺00, CG04, DG08, DGS08, DTD⁺02, DFP01, DPK01, DHEB05, H07, Elm09, EKW09, EL04, FWP01, GAN⁺07, GBS07, GS01a, GBTM07, GT04, Gre07, GZ07, GSSN00, Hah08, HSGB08, HDJV01, HT01, ICT01, JKG08, JBA⁺07, JH09, KSYE00, KLM00, KCH00, KLF04, KSH04, LANM⁺01, LKPH08, LDBG08, MS06, Mnn04, MGG08, MC08, Maz00, MB04, Min01, MK08, MAM07, MNV00, MDM05, Nat08, NN09, PLPS08, PB07, PCC⁺09, PCC09, PM01, PSE⁺03, PPF01, RvR09, RFJP08, RB02, RGR⁺04, SHW01, Sea02b, Sea02c, SL01, SPF00, Str05, SMK01, SB04, Swi04, THM01, TAM04, TC06, Tb02, TDD04, Ton07].

code [UXD⁺09, UTO09, VKP09, VT00a, WML⁺05, WHL⁺07, YSM09].
Zie04, Zie08, vdHKM08]. coded [HCO00, ICO03, SCO00]. codeposition [NG02]. codes [AG05, CR05, Dec07, DBE+04, HDG07, HHL06, Kud09, LC01a, MCL05, PSL05, RLJ07, SBM+04, SJDC07, SSB+09, SGF04, TCY+08, WJW09, Zat06]. Coding [LS09]. coefficient [LL08, Ste02, SS02b, qX09, ZLL09]. coefficients

[BRD04, BKKS09, CRW09, DK05, Dev05, DJ08, Dra01, Dy09, FGA04, Fat02, FIBT01, GF01, GFG01, GF02b, GS05, HM06a, HB05, Kas00, KW08, RF06b, Vak00, VF03a, VF03b, Van05c, WP00, Yan03d]. coexistence [FFF01, KF05a]. coherent [SJHY07]. cohesive [KBBW02, YZD+07]. coil [YD06]. coincidence [MKJ+05]. cold [PCV06]. Collaboration [An04-46, PMA+04, All01]. collapse [HBR05, MMTH04, SBD+06]. collection [vDGM+09]. Collective [AK03, LV08, BA09, YG09].

collider [BDW06].

colliders [ABM03, BBB+09a, DDRV03, Kol03, Por03].

Collision [PM00, ZBB+06, CL08b, FBL00, RFK08, WRMG05]. Collision-free [ZBB+06]. collisional [HD04, HvDJvdM01, KA04, MV04, ST02].

collisional-radiative [HD04]. collisionally [LHMB00]. collisionless [GBC+04, JBA+07]. collisions [Abe01, BF04, BPP01, Che05, GSF05, HM06a, HSLBK08, JWW00b, Tom09, TSA+03, TYY+06, WJW09].

collocation [LFT01, LFT03]. colloidal

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

collisions [An05j, An07a, An08a].

Combining [CL08a, DGLB08, GSM+03, Hin00, SR01b].

combustion [ZLM04].

Comm [DVL+04, LPR04, MSHP20, Ras17, TIM08, WA07, Yos07]. Comment [AA01b, Hon04, LHC02, Ix01, Mar08, Ram10, WLV04]. Comments [Har02, Moh08, MA08]. Committees [An05j, An07a, An08a]. Common [KSS02, TBR07].

Commun [AA01b, AAB+07, CSC+08, CGG+09, CGVA09a, Hon04, Ida03a, Ixa01, JKW06, KM01b, KS08, Nat10, Poi09, Tho04a, Tho04b, TND05, Voi03].

Communication [BFL+01, TA00a, CD09a, GDC01, MP01a, SA080].


Communications [An08c, An09c, An09d, An09b].

community [KOS+09, MOM+00].
Comp [Ida03a]. compact [JS07, Jen01, SIH+01]. compacting [KBBW02]. compaction [RLH+09]. compacton [YB02a, Yan03a]. comparable [DCJ07]. Comparative [FHWM+01, BCV03]. Comparison [FS03, HKLY07, LJY07, SG06, Van05a, YZW02, BP08b, KALC08, RE09, RL07, TBZ12, Ver00, PSK01b]. comparisons [GPW04]. Compartment [GMAN+07]. COMPASS [Mar01, TLDM03]. Complete [AC05a, CK08, Zim02]. completely [JP09]. completeness [AC09]. completion [SHV+01]. Complex [CIC+03, KD09, LLH07, NM03, Ber02, BKM02, CDFF05, DPB01, GSS06, KM01a, LB05M, MCH02, MC08, MPK00, Mic07, MS08b, MPS09, NN09, Poi08, Poi09, RDSS01a, SK08, SHZ01, TT06, TB85, TB87, Tho04a, Tho04b, Tod01, WKP+01, WRMG05, WLGX09]. Complex-scaled [NM03]. Complexity [MBC+09, SSA07]. complicated [NP00]. Component [LM00, JKCGJ08, TdFK00]. components [T6t06]. composed [GBD03, HSS+08]. composite [CL03, GMBC08, PKPV02]. Composition [KFB01]. compound [BAB04]. Comprehensive [SBM+04, TJJR06]. compressible [Ida00, Ida03a, Ida03b, LTA05, TIM07, TIM08, dNKM07]. compression [MM05, OCK+00, Pet04]. Comput [AA01b, AAB+07, CSC+08, CGG+09, CGVA09a, DVL+04, Hon04, Ixa01, JKW06, KS08, LPR04, MSHP20, Nat10, Poi09, Ras17, Tho04a, Tho04b, TND05, TIM08, Voi03, WA07, Yos07]. Computation [AS00, BMC05, GFS03, KMS09, SKH02a, WRN01, dSFY04, BD00, BGH04, BS00a, BD00T, CNMC09, Che07, CA09, DB08, FD03, FL01, Gal00, GT01, Hon04, Ida02, Ixa07a, Kol09, KTL05, KH06, LVV09, LTV09, Lj08, MS08b, NJ00, Pap01, PPC07, PTL04, RTV08, SBM09b, She08, SI01, Ste01, TF04, UTK05, VK09a, qxB04, qX08, Yan02, Yep02, dSdSW08, dGGS+05]. Computational [Att09, BDL00, DC05a, Gou00, GI01, HKK02b, KB04, LCB+00, Lan07, Mel01, MRF+05, MS05b, MB05b, Nov02, OLX07, PRBD09, SWS+12, SHJ07, Sve02, TDG09, Ano09a, BLM01, dSS00, Bor02, Bor07, Bra05, CZC00, CRS01, CMT00, CMT01, CSZ+07, FS00, GGL+02, GLL+02, Gun02, KAB+00, KB02, LNK01, LPP04, LCE+09, MSK+02, Min01, NP01a, OBG09, RM05a, Rin02, SG00a, SM04, SM05a, SBM09a, SI01, SAG+02, Suz00, TCY+08, WG01, WM00, You02, Zie08, Hoo04]. computational-task [Ano09s]. Computations [Str01a, Ada04, ABNA05, ABD+05, BBD+09, Di01, DPSG06, FIT03, FMN01, Im07, KMZZ05, KKF+04, KM08b, Liu07b, ZE00, vDGM+09]. compute [BCP04, BFLW07, CG04, Dy09, HB05, KP00, Sal02, SSP08a, Ver00]. Computer [All05, AC05a, Ano02j, Ano02k, Ano02l, Ano02m, Ano02n, Ano02o, Ano03i, Ano03j, Ano03k, BA09, BR09, BDV04, CAAM08, DHMD00, EL05, FNR+07, Fj00, Goc04, GH01, GAG05a, HMY+02, JDB06, KM01b, LPRS02, LPR04, LVL01, LSM+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, CHP04, CPT+01, DS06, Dan07, DDM07, DMD+07, DJ08, DSS01, FKP03, Fra07a, GS01b, Gro01, HJM02, IOM00, JP09, JDBT09, KK04, LM02b, MTLC01, MG08b, Mas00, MVS05, Miis02b, OGKL02, Pgs02, PKKM02, Pue06, RvRo9, RDSS01a, RDS02a, RDS02b, iSHS+08, SPC+05, SMS+00, SI01, SHI02, SHH+04, SIE04, TNCG00, VT00a, Wei04, Xia01, ZSSA00.

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

computer-generated [SI01]. computerized
[FD03, GT01, Hon04, LMC+03]. Computers
[Esq02, Ano02a, Att09, CSS+03, Mak01, Mei01, MT00, OLS+01, OSK+02, OCK+03, Ref00, TYS+00, Yos01]. computers-past [Ano02a]. Computing
[BSTC05, Bre01, Bro00, CC09, FPB08, GSS06, RM05a, Sha04, Sh07, Tho01, VS01, WS09b, YM03, ZSM05, ADE+02, AJ08, Ano03h, BS03, BN07, BD06, BDH+05, CMRS02, CD05, COE+05, CC07, CCL08, CRUV00, CAG+07, CGVA08, CGG+08, CGG+09, CGVA09a, CGVA09b, CBM+05, Dan09a, Dan09b, Dra01, Fel08, GBM02, GCK02, HLB06, JP09, JG02, KVR+00, LbotMC01, LMC+03, MeK07, MA04, MA08, Nil07a, PKPV02, PMV02, Sh07, SMZ05, SS07b, TJD09, Tri05, VPK+01, ZF00, ZZ09, Vio04]. concave
[Dem06]. concept [BLS01]. Concepts [San00]. concerted [Nak07].

cr<OMITTED>

condensed [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]. congruent [DH00, WH06]. conical [BCH05, PL05]. conjectures [JW02]. conjugate [GHP01]. conjugated [vdHBPA02]. conmutant [IH09]. connection [OML09]. connections [MT07]. conquer [SKN05]. CONQUEST [GBTM07]. Conservation [La03, Che07, Esi01, Poi08, Poi09, TYN02, UOTM03, ZY09]. Conservative [IIK+08, ML06, Cha04, KNTG03, TNY00, UTO09, UNK12]. conserved [GK02, GK04]. 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 [PCCD09]. constituents [GMBC08]. constitution [Bur02]. Constrained [GOG00, JPS+09, bHhL07, JS06, Ros04, Zim05]. Constraint [CLR08, DSH03, G07, Zie05]. constraint-transport [GZ07]. constraints [GW09, OK06]. construct [GT01, Yan02]. Constructing [DCNDC09, FMMQ08, Hin00, Liu07b, TNY00, Sev00]. Construction [CRW09, FMG00, PKJ00, Vak00, BCC+06, De 02, GKR07, KL00]. constructive [Teh01]. Contact [KBBW02, SM06]. containing [LTG09]. contaminated [SR01]. Contents [An01r, An01s, An01t, An01u, An01v, An01w, An01x, An01y, An01z, An01]. converted [WBDB04]. converting [Maa06]. converted [WBDB04]. convex [Dem06, KH06, RLRR06]. 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, SFS09, XON08].
copolymers [ZM00]. CORBA [LM00]. core
[BVY05, HSS*08, MMTH04, NM03, ON08, PKB+01, RM05b, SBD+06,
TND04, TND05, WLR+08, AIOST03]. Coriolis [CA07]. Coriolis-coupled
[CA07]. corners [Plc02]. correct [Rob00]. correcting [ZS03]. Correction
[SS02b, DVL*+04]. corrections [FGR06, JPS*+01b, KL04]. correlated
[AC07, Alv09, SOS01, Zha09]. correlation
[BC05, FFD00, IC03, LCP04, PGS02, SKH02a]. correlations [BS04a].
Corrigendum [LPR04, MSHP20, Ras17]. corrugated [YW01]. cosine
[CJC09]. Cosmic [Tol02, Min01, NRR01]. COSMOCR
[Min01]. cosmological [ADBF03, BADC07]. cosmology [Min01]. Cost
[Got01]. Cost-effective [Got01]. COULCC [Tho04b, TB85].
Coulomb
[Tho04b, AMP+00, BBB*04, DSC06, FSB09, HJZ09, IM01, LS01, MR05,
Mic07, Nob04, OIKN02, OS03, PAT*+09, Sar00, Sea02a, Sea02b, Sea02c,
TB85]. counterpart [BSB02]. counting [CM06, Car06, Car07, RCGC00].
Coupled [BOG*07, CDH*+06, HPC05, ASF*+05, AK07, Bac00, CGA*07,
CGA08, CGG*+08, CGVA09a, CA07, EMHJ03b, GLL*+02, Gut06, Ixa02,
KPL07, KRC07, LVV06, pLbL03, Mel01, PKKM02, Riz02, SJF07, SQ03,
TEP00, TY01, WJW09, YL01b]. coupled-channel
[CGA*+07, CGV08, CGVA09a]. coupled-cluster [PKKM02]. Coupling
[DH09, CKS00, DK05, DKO8, FIB01, FIT03, Fri99, GF01, GFF01,
GFO1, GF02a, GF02b, GS05, IF01, PFG06a, PHKL02, Ste02, T06, dGGS*+05].
couplings [EH06, JK06, JKM06, PSW00]. covariant
[CMM09]. cover [HBM05]. CP
[HHW00, LVV04, LPC*+04, LCE*+09]. CP-even
[HHW00]. CPC [BJ00, BB00b]. CPM [LVV06]. CPsuperH
[LPC*+04]. CPsuperH2.0 [LCE*+09]. CPU [FEHC01]. CR
[NY*08, PKKM02]. CR-39 [NY*08]. CR-CCSD [PKKM02]. Crack
[MCC05]. Crack-tip [MCC05]. cracks [VKN07]. Cracow [Greb07].
Crank [Sch05]. crashes [Sor01]. CRAY [ALN*+01, WL01]. create
[Esq04]. Critical
[diRBPL09]. Critical [CM03, JJK05, LMT08, Bal01, BBS09, BJ08, BL00,
BMM01, DGAG06, FBB01, GDAG05a, GDAG05b, KR02, MCH02,
MKM02, SS07a, Sat02, TMB02, YGT*+02, ZSdD*+08]. criticality
[KF05a, SOS01]. CRModel [HvdDjvdM01]. Cross
[AIOST03, BS03, Cip07, Cip08, Cip09, HSBK08, Hor09, Kol09, LDBG08,
MOC03, Nil03, OMC00, Pap01, Sal03, SMB09b, Yos03, Yos07].
cross-section [Pap01, SMB09b]. Crossover
[BCB02, ACC09, ISSB01, RCG05]. crossovers [MKM02]. crumbling
[TAT09]. cryptanalysis [ÂMRP04, WLW04]. cryptographic
[ÂMRP04, kWPlW01, WLW04]. crystal [FFK02, GOH06, GLP03,
KDW00, OGG07, RIB01, SSH02, SHX02, TD02, PCCD09]. crystalline
[JG09, LS02, PCCD09]. crystallization [LS09]. crystallographic
[CP*+08]. crystallography [BH01, SH*+01]. crystals
[All05, BVY05, CAAM08, GLHW01, IN09, KNSY07b, KNSY07a, LPR02,
LPR04, LPC*+00, PKRK07, PGS02, SSPM05, SYM00, TBR07]. CTEQ
[Sul05]. CTD [WLH00]. Cuba [Hah07, Hah05]. cubic [GLHW01, XZ12, Zah00, Zah05]. CUDA [LSVMW08]. cumulant [SH05]. cuprous [HSSA01]. current [Ano01a, LCV06, MMMM00, iOY01]. currents [BEM+02, NY07, PHKL02, RdAGV+00]. curriculum [Gou00]. curve [LSL07, ZSdD+08]. curved [Den08, Vul03]. curves [APV00, BLCR05, BFL04, CGG+08, CGG+09, PJK00, Tam03]. curvilinear [Cha04, ID09]. cusped [WGS00]. cuspoid [KCH00]. custom [Far01]. customizable [PKB+01]. cut [CLFH07]. cut-off [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, DG08, EL04, FMD07, FM00, FV02, GFF00, GB00, GSA+01, HBR05, JW02, KKS04, KM05, KSSH04, MZB+04, MLF07, MN00, NHS07, NY05, PCV06, QR01, QTL06, RLR06, SM01, SG04b, SBB03, SG01, SBCZ08, SQ03, TM04, TPY03, WH00, WCC04, WHL+07, XON08, YRR07]. D-model [NSYZ02]. DOC [NN09]. DAFT [BTS06]. Dai [Hon04]. damage [VKN07]. damping [TGB01]. DAMQT [LRR+09]. DAQ [Ano01a]. Darcy [KT05, KNT08]. Dark [BBPS09, BBPS07a, BBPS07b, RRCV09]. DARWIN [AOT01, TAM04]. Data [FSB00, PK01, Sak07, Sii01, SEC04a, AA07, AKG02, AAM+01, Ano01b, Ano09t, BBB+01, BB07, BFMH+01, BHS08, BGLLW01, CPV+08, CG00, DDMM06, Dem03, Dem06, Dom05, EFG+00, GDC01, GMD03, Han00, Hin00, KL07b, LFT01, LKKK07, LZ00, MY09, NWS02a, OK09, OCK+00, OPB+09, PS09, PD09b, SOAW08, SSZ01, SS09b, SC04, TKS+01, TK09, WHL00, WMK09, Wen01, YWLC04, ZSdD+08].

data-compression [OCK+00]. database [ABNA05, AAM+01, BCC+06, BB03, TLD03]. databases [ME00, BHN01]. DataScan [RSD01]. dataset [HCK01]. datasets [SKNV04, date [Fri09]. Davidson [DM07]. Dawson [Ano04b, Ano04-55, Ano04-56, Ano04-57, Ano04-45]. DC [CHL+07, RMVQ07]. DDS [WH05]. DDT [IN02]. dealiased [ICT01]. dealing [SKF05]. Skin [WH05]. Debye [BFL04, LDZ+08]. Decay [Bar04, BEM+02, CRS05, EH06, JPS+01a, Kol03, QxW07, Ste05, TJS06]. decaying [BAB04, Str01b]. decays [BS04a, BS06b, GPW04, MDM05, Por03]. decision [VBFM05]. decomposed [ZA01]. Decomposition [BP08a, ST09, BH07, Cha07, DTHL09, GRR01, IW01, IW02, KBG00, LM02a, LMS06, Lüs04, OM03, SWC+03, Uhl03, YWLC04]. deconfinement [KMP09]. deconfining [KSS02]. Deconvolution [KSTL03, WCBN05]. decoupling [CKS00]. Dedicated [CMR01, Tri05, Yos01]. deep [RS00]. deep-inelastic [RS00]. defect [PKR07]. defective [PLL07]. defects
defined [Gal00]. deformable [Nii00].
definition [RvOvV02, vdSvdG08]. deformations [MAM04, MAM07].
deformed [Cle05, DD00, DO04, DO05, DSC+09, RGD+01, SDNR05, TBR07].
degeneracy [HG02a]. degree [UNK12]. Delaunay [SMH04]. DELPHI [BCCM03].
demagnetizing [BD00]. demand [ZS08].
demonstration [ABD+05]. demonstrator [ACC+01]. dense
[Bun01a, CGG00, PM02, WRC+04]. densities
[BSTC05, BH08, CS02, GKI02, Mam08, Mol08, dIRBPL09]. Density
[BJ02, JK02, Kur02, MLF07, SG05, Alv09, Bae04, BBPS02, BBPS07a, BBPS07b, BSK+03, CSW02, HHM+09, HLC08, HS01a, ICO03, IBA00, KTT+09, KH09, LV08, Lik01, LCV06, LRR+09, MC03, MBR01, OLS+01, OSK+02, RLH+09, RGD+01, SKNV01, SKNV05, SSZ01, SMK01, TAM04, VKN+05, WN01, dGGS+05]. Density-driven [MLF07].
Density-functional [Kur02, SG05, HHM+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, Mei01, MA09, NM01b, Nur04, PSV00, SZ00a, TKN+08, dGGS+05]. deployed [KFJ+09]. deployment [Sak07]. deposition [Sch08, SLWH02]. Derivation
[FAITD01, AHS09, OM03, SH05, WYL09]. derivative
[Jam00, WGDZ04, WC05, ZWD05]. derivatives
[AS03, CGVA09b, GSS06, GZDA01, KCH00, MA04, MKK05, MA08]. derive
[EL06]. derives [Rob00]. described [DVL+04]. Description
[BJ02, BBC+01a, MBK+01]. description-driven [BBC+01a]. Design
[ABC+01, BBC+01a, MTLC01, MP01a, Rap06, AAKL07, CFJ09, DG08, Far01, PCA+07, QRH00, RMM02, SKNV01]. designed
[KKM02, LTM09, Str05, WSCW09]. DESOLV [VBC07]. Detailed
[Wro08, CD09a]. details [BDF+08, PJSK08]. Detection
[HHCC05, ABC+03, BBPS09, CSS+03, CM06, KV08, LAN+01, TW09].
detector [AAM+01, BCC+06, Maz00]. detectors
[ABC+03, NY08, PBI07, Sch08]. determinant [FA00]. Determination
[YT01a, Fat02, IF03, Pet04, VEG08]. determine [BCV03, PRB09].
Determining
[ADD+07, BKKS09, QTHM07, BV05, BDW06, HOT07, PSH06]. Deterministic
[DDM05, DVG05, LZC+08]. deterministic/stochastic
[DVG05]. detonations [NBPG08]. deuterium [Bat03]. developing
[MRF+05]. Development [HFN03, HCH+06, ICO01, KKH07, WHL+07, YSM09, PFPB+09, Teh01, Dan09a]. developments [HCI00]. device
[GCD06]. devices
[AAG+04, CBK01, DC05a, KK07, LLCS01, TDY02]. devoted
[BP08a]. DFT [HTA08, PLL07]. DGLAP [CCG08, Tol02]. dHybrid
[GBFS07]. diabatic [MN01]. diagonal [vH06, vH07]. diagonalization
[CA09, FM00, GFS03, LB09]. diagram [NT05, TF00, TL09]. diagrams
[Bar03, BT04, BCKT09, CCGR09, DKC08, FK00, Hah01, HL08a, KKK06, Ots01, TF04, VMMB02]. DIANA [TF00, TF04]. diatom [HSGB08].
diatomic [MDT03, PJK00]. Diatomics [NW02a]. Diatomics-in-molecules [NW02a]. diblock [ZM00]. Dielectric
[FER+07b, Bre07, HKPL07, KM08a, LBM05, LLT+02, NJ01, Zha01]. difference [BGH04, BTI01, CCL08, DR09, EMJH03b, GVMW04, GKI02, GKI04, GMAHV+09, HL05, Inu07, MZB+04, NN06, RL+08, Rob01, SHX02, Wan09b, KSC+00]. difference-difference [GI02, GI04]. difference-differential [WT08]. differences [GLL+02]. differencing [EMJH03a, dHV08]. Differ [Hoo04]. DiC 
[ABSM04, BSvdDW02, Ska05, CJF09, GMBC08, HM00, Kim03, LVLS01, PKS01b, RDSS01b, SPV07]. Differential
[Hoo04, IH09, IAR09, KA09, MGYP08, BGH04, BT01, BCV03, Che07, Don02, FMG00, GST03, HSGB08, KS07, KD09, Ram05, Ras09, Ras17, VBC07, Wan09b, WR01, qXbL04, Yan02, Yan03d, YZ04].
differential-difference [BGH04]. differentiation [AA07, SPF00, Str05, VHL09, vH06, vH07]. Diffpack [Hoo04]. Diffraction
[BRdAHK04a, BSO+04, BK05b, FBB01, Gro01, GSSN00, MTZ00, MP06, PCC01, Wan01, BRdAHK04b, dAK01]. diffractive [CF02]. DIFFREALWAVE [HSGB08]. Diffuse [dA08, GLMADB+02]. diffusion
[AVG00, BSO00b, BNS01, C800, CL03, CJK09, EELZS04, GSO1a, IOM00, KP01, MZB+04, PC08, Ram05, RMK05, RP+05, SMSE03, TE05, VPNW02, WEL02a, WLR+08]. diffusion-convection [EELZS04]. diffusion-driven
[KP01]. Diffusive [BDHP08]. Digital [iAK+08, AAA+00, RTV08]. DIII
[KSSH04]. DIII-D [KSSH04]. dilepton [ABH01, Abe01]. dilute
[CP00, SVS01, TS06]. diluted [BCB02]. dilution [CCB02]. dim
[BD03, GCP+02, GDC01]. dimension
[BGI+07, GBR+09, NJ00, SBD+06, TdRGD09, V002]. Dimensional
[Ker02, AC07, Bac00, BTK+02, Bre05, CSC+07, CSC+08, CLL+07, CD01b, CTG01, CHM+09, CND09, E905, ES09, FHR+05, GR02, GOG00, HAR02, HMB05, HJZL07, Huj05, HW09, IH01, IIK+08, ID09, Inu07, Jad00, JKKT00, KT05, KNT08, KNTG03, KKF+04, KNU00, KM01c, KK01, KA04, Kr05, LHC01, LHC02, LS07, LCS07, LVLS02, Li03, LHS+06, LK08, MYC09, MMT04, MSD08, MOS00, MOS01, NY04, OTS01, PK00, PD08, Pis00, QG04, RT09, Ram05, RM05b, RL+08, Rob00, RG04, iSHS+08, Sch06a, SB05, SSB+09, SW09, SD07, STK+00, TRG08, TMTF00, Talk03, TYN02, TZF06, TNI+07, Tat07, TY01, TSH05, TDD04, TL09, UTO09, Var08, Ver00, WOS06, WGDZ04, WC05, WHJ06, WOS09a, WT04, XZ12, Yan00, Zak06, vHK00]. Dimensionality
[PS00, Bac02]. dimensions [BR01, BCB02, BSDMH05, BKS05, Cre00, EELZS04, GBC+04, JK08, LEG02, MK08, NGE+04, PM00, SMH04, SGF03, SM02]. dimer [CCBL02, EVL00, Kim07, KK01]. diminishing [NRR01]. diodes
[HTL+03]. dipolar [TZ06, TK08]. Dipole [DN05, SWY01]. Dirac
[BRR03, BFLW07, Cun09, FZ09, G02, GZD01, Lii04, MW01, MK08, MKK05, Moh07, NM01a, Pog05, SJP05, TD03, Vul03]. 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 [Krö05], discontinuous [Gal00, LS05]. Discoveries
[TPBE04, ZSSA00]. discovery [DDEM00]. Discrete
[BW01, TÅT09, Wan09b, BDK+06, CNFR01, DW01, Har00, LbotMC01, 
Luo00, MSB08, Str00, TSI02, WHO02]. Discrete-expansions
[BW01]. Discretization
[EG09, MM04, TKS06, DPSG06, KT05, KNT08, WS09a, Zit09].
discretized [CHS09, DB08, HZGZ09, OS00b]. diseases [Dom05]. disk
[WH05]. disks [SSLN02]. dislocation [Cle05]. dislocations [MS05b].
disorder [GW01a, Voi02, Voi03]. Disordered
[KM05, CM02a, NH09, RLU01, Ver00]. Dispersion
[QCML03, CL02, Sus01, Tam03]. dispersions [KNY05, YNK05]. dispersive
[LBPS09, NN06, Ram10, Ram12, YB02a, Yan03a, Yan03b]. displaced
[GME06]. displacement [Al09, BA09, GLHW01]. display
[BCD+01, LYL07]. disruptions [EH03]. dissemination [KL07a].
dissipation [GIME02, KG07]. Dissipative
[ZM00, AKS02, DC03, HNS01, NT05, NVK03, SVA03]. dissociation
[HNVC+02]. dissociative [PNH00]. Distributed
[FSBG00, GC01, AKG02, BLM01, BV00, BTS06, CDH+06, Di01, Han00, HKP02, KAB+00, 
LbotMC01, LNV+09, LM00, TG00, TYS+00, WMK09, Xia01, dSdSW08].
Distribution
[MK02, BDBV12, FGA04, FPB08, HTM+08, HBMJ05, JH09b, KHI07, KS84, 
KS08, LWY01, LC01b, OPB+09, Ram10, VS06, Yan09, Yos07, YW01, vHK00].
distributions [BBOY08, Har02, JJK05, LHC01, LHC02, LV08, RF08, Sull05, 
Vog05, Wei02b, WHO02]. divergence [JH09a, MOS00, MOS01]. diverse
[ZP09]. divertor [KY07]. divide [SKN05]. divide-and-conquer
[SKN05]. DL [Sea01]. DL_LEED [Wan01]. DL_POLY
[BTS06, DHEB05, KSY00]. DNA
[CDFF05, DLZ08, Dom05, Ger07, KK05, LOY07, Zim02]. DNA-chip
[Dom05]. DNS [HDG07]. documents [GM00]. Does [Nur04]. Domain
[BP08a, BH07, CMT00, CMT01, Den08, DTHL09, Hei01, HL05, IW01, IW02, 
KB00, LM02a, Lüs04, NFS02, NN06, Uhl03]. domains
[BLM01, GS01a, NFS01a, NFS02]. doped [JK01, MB05b, NW02a]. Doppler
[WCBN05]. dot
[BNSY02, CLFH07, EMJH03a, EMJH03b, LLV+01, LCV06, WH06]. dots
[EMJH03b, LVLS01, MWA01, MP05, RCG05, TNCG00, Vos06, WV05, Wan00].
Double [HG02a, BMML05, BK05b, CWW07, FN01, KFI+01, LY05, 
RF05b, RF06b, YV02]. double-photon [KFI+01]. double-stranded
[VY02]. doubly [ACIZ07, Yan02]. doubly-periodic [Yan02].
doubly-polarized [ACIZ07]. down [CM03, TLR06]. DP [LJ09b].
DPEMC [BK05b]. Dr [AA01b]. drag [KMB02, Y00a]. DRAGON
drift [BGS04, HFN03, Jen00, Lew04, PCK00].

Drift-kinetic [BGS04].

Drift-wave [Jen00].

drill [BGS04, HFN03, Jen00, Lew04, PCK00].

Driver [MP03].

dropped [BBS02].

drops [MDH04].

drove [BBD00].

drunken [CN00].

dry [OML09].

DSMC [CSC04, WTW04].

DST [ADD03].

DTORH3 [GS01b].

dual [BD08, GPT08, KCR07, Liu07a, TC07].

dual-frequency [KCR07, TC07].

dual-kinetic-balance [BD08].

dynamic-theta [Sch05].

dynamic [BDF08, Dan05a, DC03, LKKK07, NFS01a, ADDdM07, BDT00, BBJ08, BFB09, BFI00, Cun09, CKLS09, DSO6, Dan07, FGF03, HK02, HOI04, LFT03, MSD08, Rob00].

Dynamics [BDHP08, KRTZ02, KMP09, NFS02, Par04, PKRK07, RvOvV02, TYS00, ZM00, ASS02, BBS02, BBT04, BFS09, BTK02, Bro07, BK05c, CW02, CSM08, CDF05, CCF05, CLFH07, CF09, CDD07, CTI07, CKV04, CR00, CW00, CC00, CA07, DELG05, DC03, DD01, DHB04, DHBE05, FG04, FSK04, FS01b, FS02, GF02c, G0100, GLW03, GW01b, HDGM07, HOT07, HLS00b, HGVC0102, HM06a, HKK02a, ID09, IW01, IW02, IN09, IS01, JAT03, KBBW02, KEL02, KCC00, Kar02, KM01a, KFJ09, KSYE00, KKS04, KA05, KSC04, Kon01, KB00, KSO4a, KM05, LM02a, Le01, LR07, LZ06, LS06, LMM08, LSVMW08, LM02b, MCB03, MFC05, Mel05, Mor01, MPH01, NT05, NH09, NKV03, NKN08, OK06a, OK06b, OD07, OCM00, OM03, OM05, ODC02, PLPS08, PL05].

dynamics [PLS09, PZ000, P002, P009, QRH00, Q005, Rap02a, Rap06, Rap08, Ref00, RKF08, RRCV09, RJCH00, Ryc05, SNS01, SH01, SKN05, SGL09, SLBG09, SEE03, SS02b, TT06, TNI07, Tod01, Ts02, Val05, VKP09, VKN07, iVP08, WHCL07, WRMG05, WHL05, ZE00, dO02].

Dynamics-whither [Rap02a].

dynamics/electronic [OLS01].

dynamics [RJFB08].

Dynasol [PZW00].

Dyson [AHS09, Maa06].
elasticity [ACC09, LÅT04]. elasto [SM06b]. elasto-plastic [SM06b].

Electric [NY07, FSK04, KMR+09, NT04, SGF04, WTH+04]. Electrical [CTI07]. electrically [Ram12]. electro [Pis00]. electro-magnetic [Pis00].

electrochemical [HL00a]. electrochemistry [SN07]. electrodynamics [Hu00, KN00]. electrokinetic [PCF05]. Electromagnetic [CAW00, FS08, PCK00, DEW00, DW01, GFP00, HL05, JBBR01, Jen00, JTS+06, KV07, LP08, FP09, PD08, PSF+03, PoI08, PoI09, Ram10, SLMS06, UOM01, UOTM03, UTO09, VAH04, Ver04, WPL02, WRC+04].

electromagnetics [FKMB09]. Electron [BRdAHK04a, BRdAHK04b, LLV+01, MMM00, NKS05, RdAGV+00, dAK01, AC07, ABSM04, Alv09, BF04, BPP01, BM04, Car06, CKV04, DC05a, EAU05, EKW09, FP08, Fri03, GPT08, G2003, Gut06, HPC05, KKKC07, KHL07, K04, Kon01, LV08, LVS01, LVS02, LRR+09, M08, MCBR03, MWA01, M08, Nik03, dRLRBP09, PCK00, PPP01, RMLB01, RCG05, SKH02a, SM09b, SM07, SNBB02, TAM04, Ton07, Wan01, WD04, WR01, WM00, Y01, Z09, Z09]. electron-atom [GG03, SNBB02].

electron-capture [Car06]. electron-cyclotron [PPP01].

electron-ion [BF04, HPC05, MCBR03, SNBB02]. electron-molecule [WM00]. electron-positron [BPP01].

electrontransfer [DC05a].
electronegative [CS07]. Electronic [FW01, HP06, LTT09, LLZZ01, MWA01, SM02, SN07, TGB01, Z01, AJT+07, BT01, BB00, BM01, CP08, CTSZ07, GHP01, GD03, HC00, HTM01, KFJ+09, KLM00, LZ04, MS09, PKSF01, QASF+05, RG05, RB08, SKNV01, SMH+01, THM01, TNCG00, V06, WKP+01, YG09].

electronic-density-functional [OLS+01]. electronic-structure [KLM00, MS09, PKSF01, RB08]. electrons [E01, EH02, Hor09, MK05, RL07, SJ05, SM03, S01]. electrophoresis [KKM02, KK04].

electrophoresis-computer [KK04]. electroreological [MS05a, SW01, YW00]. electrostatic [AH02, BGG+04, CSC+07, CSC+08, DTHL09, MB04, WJW09, WHL+07].

electroweak [ABB+09, HLC08, KP00]. element [BDK+06, BLS09b, CN01, EFS+08, GPT08, PKSF01, PDA06, TÄT09, Ton07, Wh00, XSC09].

element-dual [GPT08]. element/molecular [OLS+01]. elementary [F05, Str01a]. elements [AC05a, AC05b, CN01, CGG+08, CGG+09].

ÇHM00, GF01, GME06, HLC08, JBBR01, KTL05, LCH09, LS01, O03, PCE+08, PAT+09, Sar00, UTKF05, V06, Y09]. elevation [RTVZ08]. Eley [LJ01]. Eliminating [LC08a, Man02]. elimination [WR01].

ellipsoïdal [LB00, WV05]. elliptic [AE02, PKST03, Yan02, Yan03b, Yan03c]. Elman [TW09]. ELMFIRE [SOAW08]. elongational [MDT03]. elsepa [SJP05]. Embedded [SKNV05, AS00, Far01, KD00, Vé04]. Embedding [Ing01]. Emden [SPS09]. Emeraldine [CCFG05]. emergence [KOS+09]. emerging [Lüt00, REAB09]. Emery [DKC08]. EMILIA [Car06]. Emission

[RdAGV+00, HCH+06, KFI+01, LC08b, RLV+08, SHY07, Y03, Y07].
emitted [CP00, HD04]. emitter [LC08b]. emitters [Car06]. emitting [HTL+03]. empirical [SSZ01]. employing [KKF+04, RMK05]. Emulator [DHMD00]. Emulsion [vdSvdG08, UVLRRC09]. EMX [AEB02].

enantiotopic [GLL+02]. encounters [RRRHD08]. encryption [LMC+03].

endpoint [LWT08]. energetics [OBG09]. energies [BCG03, CWSH08, EKW09, JWW00a, KP06, LG07, Sea02a, SVMT00]. Energy [BBC+01a, BReAHK04a, DH01, FGV01, New07, TS08, To02, ATP01, BBB+09a, Be02, BFL04, BKM02, BBB+09b, CCBL02, CC07, CCL08, Che05, CGA+07, CGA03, CGA09a, Cra01, CCRA05, DVL+02, DVL+04, EAO1, EV00, FK00, Fr03, GGG01, GKO, GKO, GLL+02, GPW04, GSN00, GMS03, HP06, HG02b, HG02+05, IK00, IK00, KH07, KW03, LPC+00, LVL01, LLV+01, LAF01, MR06, MNNY00a, MSHP02, MSHP20, MM01, Nob04, OD08, Sak07, Sch08, SEF+01, SMH+01, Sol01, SR01b, SKRK04, SFR05, TAM01, TZZ06, TYS05, VS06, Wan01, WZH06, WL0X09, XSC09, dMBC+06, BRdAHK04b, dAK01].

Engine [ON08, Vég04]. engineering [HKK+01]. Engineers [Mal00, Bre01]. Engui [Hon04].

enhanced [PM02, EHHH06, RMW01, TG07, TL08a, WSB04]. enhancements [SRR+00].

Enns [Koc02]. ensemble [Ber02, GCK02, HM06a, Huk02, JBS08, NSM02, Nak08, OK06b, Zim05].

Ensembles [IW02, OOO05, WV04]. Entangled [KSEG05, Ryc05].

entangled [KR06a]. entanglements [KR05]. enumerated [SH06].

Enumeration [Jen01, BM06, SBJ05]. envelope [HS07]. envelope-kinetic [HS07].

environment [BCH05, CSZ+07, GKP+06, KPD06, KU07, KW07, PDL04, iSAK+08, TJD09, WR01, ZC09].

environments [PKB+01, ZPB09].

enzyme [HM02]. epitaxial [AFF02, BSvdDW02, DAn05b, NSY02].

epsilon [CHM00]. Epstein [Ram10, Yan09]. equal [PR06, Zak00a].

Equation [KD09, AA08, AT0006, AK00, ASV00, AKS01, AKS02, Bat03, BF05, BV00, CA09, CSM08, CPS00, CRS09, DWZ05, DR09, DM09, DC07, DGL09, DLS09, DKV00, Dys02, EEL04, FJ09, FJ00, FS01a, FZ09, GNZ+09, HCE+06, IH09, In07, Iza02, Iza07b, KMS09, KA09, KEM+01, KVB00, Kos05, LRI+06, LIR+06, LOCJ05, LB00, Li03, LL08, Lu00, Li00, Li04, MZB+04, MK08, MA09, NT04, NJ01, Nur04, PC08, PAD07, PSK01a, PSK01b, PSV00, Ram05, Riz02, RLV+08, ST02, SZ00a, SG06, SR05, SW09, SGRF03, Sim00, SW00a, SVA03, Sim09, SZ00c, SM02, SLS09, Sug01, TYP03, TQ0508, TS06, TD03, TKSR00, UNK12, UK02a, UK04, Van05a, Vu03, WGD04, Wan05a, WC05, Wan06a, Wan06b, WSN09, WT01, WV05, WW06, XSC09, XZ12, Yan03d, Yoa09, YO02b, ZAK0a].

equation [Zak00a, ZAK0a, Zak06, ZY09, dHHV08]. Equations [Zak00b, ZAK0a, Zak06, ZY09, dHHV08].
Equations-Numerical [Hoo04]. equilibrium [CHM +09, KZS +00, MSK +05, SVMT00, ZSK +04].

[BBV12, BL05, CD04, Col07, DGV08, Elm09, HYY07, JBA05, TCF00, ZSSA00].

equilibrium [BDBV12, BL05, CD04, Col07, DGV08, Elm09, HYY07, JBA05, TCF00, ZSSA00]. equivalent [CTR00, Ram10].

equipped [Hor09]. Equivalence [CTR00, Ram10]. equivalent [EA01].

Eratosthenes [AA01a]. ERCS08 [Hor09]. Ergodicity [BKB02a].

ERI [REAB08, REAB09]. erosion [CMD00, WSB04].

erosion [CMD00, WSB04]. Erratum [AAB +07, CSC +08, CGG +09, CGVA09a, FNR +07, Fij00, GDAG05a, Ida03a, JKW06, KM01b, KS08, MOS01, Nat01, Poi09, SM06a, TA00a, Tho04a, Tho04b, TND05, TIM08, WA07, Wu10].

Error [HDGM07, KL06, KTT02, EtabFDC [QWWZ09]. etch [NY06]. etched [NY08]. etchers [HKPL07].

etching [MSY07, RLRR06]. etch [NY06]. etched [NY08]. etchers [HKPL07].

etch [NY06]. etch [NY07]. ETLF +02. errors [AW04, Inu07, WA07].


Estimation [FGA04, BH07, CNFR01, Cra01, KMH02, KTT02, LFT03, Lik01, SSZ01, TGD06].

evaporation [DEW01]. evanescent [DEW01]. evanescent [DEW01]. evaporation [DEW01]. evanescent [DEW01]. evanescent [DEW01].

evaporation [DEW01]. evanescent [DEW01]. evanescent [DEW01]. evaporation [DEW01]. evanescent [DEW01]. evanescent [DEW01].

evaporation [DEW01]. evanescent [DEW01]. evanescent [DEW01]. evaporation [DEW01]. evanescent [DEW01]. evanescent [DEW01].

evaporation [DEW01]. evanescent [DEW01]. evanescent [DEW01]. evaporation [DEW01]. evanescent [DEW01]. evanescent [DEW01].

evaporation [DEW01]. evanescent [DEW01]. evanescent [DEW01]. evaporation [DEW01]. evanescent [DEW01]. evanescent [DEW01].

evaporation [DEW01]. evanescent [DEW01]. evanescent [DEW01]. evaporation [DEW01]. evanescent [DEW01]. evanescent [DEW01].

evaporation [DEW01]. evanescent [DEW01]. evanescent [DEW01]. evaporation [DEW01]. evanescent [DEW01]. evanescent [DEW01].
excited-state [BCH05]. exciton [KN07b]. Excitons [vdHBPl+02]. excluded [BDH+05], exclusive [MP06]. execution [BLM01, REAB08, T6t06]. exercise [ZS07, ZS08], exhibiting [KLTH04]. ExHuME [MP06]. exited [BAB04]. EXOTIC [TA00a, TA00b]. expansion [ASFt05, CRU000, FSB09, KTT02, NFS01b, Pit05, San00, VK09b, WP06, Wei02c, Yan03c, Yan03d]. expansions [BW01, HJ02, RS09, Sea02b]. Experiment [HLW05, HKL+07a, HKL+07b, ADD+03, ABFt+01, Ano03h, EFB04, HJM02, KB02, TLDM03]. 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, GWK09, JH09a, LPCt+04, LCE+09, MVL09, ON08, Van05c, itVP08]. Exploiting [ADEt+02]. Exploring [MOS+07, PL05, LLY07, SHH+04, SIE04]. Exponential [VAMVR08, MG09a, MG09b, Ram12, VC08, dHV08]. Exponentially [Fra07b, IVD03, ASVA00, CFMR08, KMS09, Sim00, SW00a, SVA01, SVA03, Van06, VIV01]. exponentially-fitted [ASVA00, KMS09, Sim00, SW00a, SVA01, SVA03, VIV01]. exponentials [Bun01b]. expressions [GME06, Pog05]. Extended [Huk02, Wu10, Yan02, YYF09, Cha04, LV06, LF02b, Nap09, NFH06, Ots01, Strt01a, TNI+07, Yan03c, FT03]. Extending [BHL02, Fd009]. extensible [LAMH06, RS01b, CD01b]. Extension [ATIO06, SR01b, TV07, Dan07, DdS02, GWK09, KBCt+09, Mah09b, IW02]. extensive [EFG+00]. external [BGHt+09a, DCK08, FHRt+05, FV02, JTS+06, KKK06, KSS02, KDSB04, SSL02, TV07, TL09]. externally [LLPL08]. extra [Cre00]. Extractions [HG02b, GBA01, OGG07, vHL08]. extrapolation [dDSFY04]. extrema [Nov02]. Extreme [RRCV09, DM07, YM03]. extremely [LOCJ05]. Extremes [Sor02].

F [Sha04, RDS01a, HD04]. F-like [HD04]. ft [CG04]. fabrics [RGRt+04]. FacC [TND05, WN01, TND04]. facility [VBSD00]. factor [DHS00, ESI01, Kon02, SKH02a, VC08]. factorisation [MA00]. factorization [AKZ00, PA06]. factorized [PSV00]. factors [FMG00, GME06, RS03, WD04]. Faddeev [TND05, LEG02, TND04]. falling [Aok01]. Families [MK07, De 02]. family [CJC99]. Fan [Hon04]. far [CP00]. far-field [CP00]. Farm [BFL+01, BNFM+09]. FARM_2DRMP [BNFM+09]. farms [ABC+01]. farside [Cha07]. FarSight [SEC04b]. Fast [ABRS12, BDHt+02, BH01, Bum01b, Bum01a, DSC06, GKKt+08, Ixa07b, MHS05, MS08b, RM05a, RTVZ08, Sul05, VMKt+05, Wei02b, WR01, YNS+09, AC07, AH02, BB04b, BrU00a, CCGR09, CBMS08, CD04, EKW09, ES09, HC00, HJZ09, JK08, Kos05, Lad09, LC08a, LZCt+08, MP04, MG08b, MOC03,
fast-switching
[OD08]. Faster [DS01, HTNFS06a, HTNFS06b, Mas05].

FASTERD [SVP09]. faults [YKK07]. FDCSUSYDecay [QxW07]. FDTD
[Ram10, MGN07, NSK01, Ram10, Ram12, RB00, WP00, Yan09]. Fe
[KEL02, KNSY07b, YKK07]. feature [MSY07]. features

(HKL+07b, KSS02, OS00b]. Fedosov [Tos08]. feed [TJLR06]. feed-down
[TJLR06]. FEM [BP08a, RB00, WHL+07]. femtosecond [Kur02].

FEM [BP08a, RB00, WHL+07]. femtosecond [Kur02].

field-theory [Pee07]. fields

[ADF+05, CM02b, Cre00, EL06, Fel08, FT08, FSK04, GLHW01, KDW00,
Mel01, PM00, SG06, SYN01, Ver04, Yak01, ZKASS05]. FIESTA [ST09].

FiEstAS [Asc08]. Figure [Ano09r, Cap05]. filaments [LLPL08]. Files
[Ano07-31, BBD+00, KN07a]. filled [LPRS02, LPR04]. film

[LTG09, LTT09, SLWH02]. FILMPAR [LTG09]. films [Dan05b, Müll02].
Filter [LB09, CNFR01, GKK+08, SF06]. filtered [GBM02]. Filtering

[LB09, AAA+00, SA09, ZHZ09]. filters [CSS+03, KMO08]. final

[BBB+09a, JWW00b, SVP09]. finance [Sor02]. financial [KKH07]. find

[HS01, LTG09, RTS09]. Finder [CJT06, GJT03]. Finding

[JS08, DMR07, FD03, GKI02, GKI04, Hon04, Jam00, KKS04, bLP02, LL04,
plbL03, RDF02]. fine [AJ08, FM07]. Finite [HL05, MZB+04, NN06,
PKSF01, RLV+08, Zha00, BLS09b, BTI01, BJ08, CN01, Cha04, CCL08,
DGAG06, DB08, EMJH03a, EMJH03b, EFS+08, Flo01, GVMW04,
GMAHV+09, DAG05a, DAG05b, HBW05, Inn07, JBB01, KMD+02,
Finite-difference [HL05, NN06, BTI01, Im07, SHX02, KSC00].
Finite-element [PKSF01, OLS01].
finite-element/molecular-dynamics/electronic-density-functional [OLS01]. finite-level [DB08]. finite-size [BJ08, DGAG06, HBW05, RP02].
finite-volume [Cha04, MOS00, MOS01, SLMS06]. Finite-temperature [Zha00, KMD02].
finite-size [BJ08, DGAG06, HBW05, RP02]. finite-size-particle [VBFD01]. Finite-temperature [Zha00, KMD02].
finite-volume [Cha04, MOS00, MOS01, SLMS06].Finite-temperature [Zha00, KMD02].
finite-size [BJ08, DGAG06, HBW05, RP02]. finite-size-particle [VBFD01]. Finite-temperature [Zha00, KMD02].
finite-volume [Cha04, MOS00, MOS01, SLMS06].Finite-temperature [Zha00, KMD02].
finite-volume [Cha04, MOS00, MOS01, SLMS06]. Finite-temperature [Zha00, KMD02].
finite-volume [Cha04, MOS00, MOS01, SLMS06]. Finite-temperature [Zha00, KMD02].
finite-volume [Cha04, MOS00, MOS01, SLMS06]. Finite-temperature [Zha00, KMD02].
finite-volume [Cha04, MOS00, MOS01, SLMS06]. Finite-temperature [Zha00, KMD02].
finite-volume [Cha04, MOS00, MOS01, SLMS06]. Finite-temperature [Zha00, KMD02].
finite-volume [Cha04, MOS00, MOS01, SLMS06]. Finite-temperature [Zha00, KMD02].
finite-volume [Cha04, MOS00, MOS01, SLMS06]. Finite-temperature [Zha00, KMD02].
finite-volume [Cha04, MOS00, MOS01, SLMS06]. Finite-temperature [Zha00, KMD02].
finite-volume [Cha04, MOS00, MOS01, SLMS06]. Finite-temperature [Zha00, KMD02].
finite-volume [Cha04, MOS00, MOS01, SLMS06]. Finite-temperature [Zha00, KMD02].
finite-volume [Cha04, MOS00, MOS01, SLMS06]. Finite-temperature [Zha00, KMD02].
finite-volume [Cha04, MOS00, MOS01, SLMS06]. Finite-temperature [Zha00, KMD02].
finite-volume [Cha04, MOS00, MOS01, SLMS06]. Finite-temperature [Zha00, KMD02].
finite-volume [Cha04, MOS00, MOS01, SLMS06]. Finite-temperature [Zha00, KMD02].
finite-volume [Cha04, MOS00, MOS01, SLMS06]. Finite-temperature [Zha00, KMD02].
focusing [HW09, SBBM04]. foil [BDV04]. Fokker
[ABSM04, CBKM01, KA04, yMS01]. folders [BDH+02]. folding
[Elb05, Oka01, SSA07, WL08]. following [AAG+04]. Force
[TKN+08, AL08a, ACC09, BK05c, CFJ09, EL06, Goe02, LZS06, MFVJ07,
iINKV08, RMMP02, SWC+03, SWY01, VCCS05, YW00].
force-decomposition [SWC+03]. force-field [MFVJ07, iINKV08]. forced
[SOYN01]. forces [HG02b, JKKT00, LZS08, LEG02, MK09]. forcing
[AA08, Yao09]. Forest [OMF02]. Foreword [Ano01z, ME00, Sco09]. form
[CRUV00, CHS09, Esi01, Lei02, Mah08a, RS03, She08, TNY00, FK00, TV07,
MU06]. formula [MA04, MA08, Pom06, TI01, ZWD05]. formulae
[Sim08]. formulas [CBMS08, NP00]. formulation [AK03, GPT08, IBA00, Leh00, YW01].
formulations [Ram12]. forsterite [LDZ+08]. FORTRAN
[BRdAHK04a, Hor09, KSYE00, Str05, BDH+05, DG08, DGS08, Dem03,
Dem06, DKG07, EH07, KLM00, MMEH08, MDM05, MA09, PS08, QRH00,
Rib02, S09a, Sar00, SPF00, TS06, vH06, vH07]. FORTRAN-90
[BRdAHK04a]. Forward [SGM+09, CRS09]. Forward-backward
[SGM+09]. foundation [VBSD00]. Four
[BCCM03, KA04, YN05a, ABM03, Bac00, BR01, BP01, DWZ05,
DDR03, G000, KM00a, KM01b, MGG05, NN09, SW00b, TSA+03, VT00c].
four-atom [Bac00, G000, MGG05]. four-body [VT00c]. Four-fermion
[BCCM03, BP01, DDR03, SW00b]. Four-index [YN05a].
four-momentum [KM00a, KM01b]. four-point [NN09]. four-step
[DWZ05]. Fourier [SVMT00, CN00, DSC06, Eri05, H00, JP09, LC08a,
MM05, NJ01, RM05a, SA09, Tr08, Wan06a, Wan06c, YZW02].
Fourier-based [MM05]. Fourth
[ACK05, L09a, M07, 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 [AVR02, PAD07]. FPU [PKB+01].
FracMAP [CGC+09]. fractal [CGC+09, GBR+09, TdRGO9, V02].
fractional [Dev05, DJ08, S04, S07]. fractions [Nap09, RLZB01]. fracture
[EM08, KSN07b]. fragmented [Tom09]. Framework
[DN04, AGV00, Ano09t, BBB+01, C09, D503, Dec07, DUX+09, ES09,
FFPW01, GPW+09, ISSC01, OPB+09, T06]. frameworks [Wel01].
Franck [GME06]. Fredholm [Str00]. Free
[I01, KSSH04, BBB+09]. CHM+09. HLC08, Ida00, Ida02, Ida03a, Ida03b,
IK00, OD08, SLL07, SJHY07, SR01b, SVMT00, SFR05, Wei04, ZBB+06].
Free-boundary [KSSH04]. free-electron [SJHY07]. free-energy [BBB+09b, IKO00]. freezing [Wil02]. Frenkel [KM05]. frequencies [FSW08, Kim03, Wan06b]. frequency [CIC+03, Hei01, KCR07, LKKK07, Ram10, TC07, Wan06c]. FRET [SG04a]. FRETsg [SG04a]. FRET [AC05b]. FRODO [HKK+01]. Froese [Bur01, Hib01]. Front [Laf03]. frozen [NM03]. FRS [Kar01]. frustrated [Wes07]. FRODO [AC05b]. Froese [Bur01, Hib01]. freezing [Wil02]. Friction [CW02, KM01a, HOT07, HTM+08, Mus02b, RR05, SS02b]. Frictional [KMB02, DHBE05, HKK+01]. FRET [SG04a]. FRETsg [SG04a]. Frequency [CIC+03, Hei01, KCR07, LKKK07, Ram10, TC07, Wan06c]. FRET [SG04a].
gas-phase [Tsa02]. gaseous [LR07].
gases [DSC06, IK00, Lon07, TS06, Wes07, WRN01, ZSSA00]. gastro
[WG01]. gastro-intestinal [WG01]. gate [LLT+02, LY05]. gated [KACB07].
gate [MS00, RF05a]. Gauge
[Dir05, Hei01, ALV05, ALN+01, BB09a, CM03, Fod05, OS04, PM00, Tri05].
gauges [CMM09, DD01]. Gauss
[AA01a, CFMR08, CP00, De08, DSH02, DSH03, IP01, MS08b, Pom06].
GaussDal [ABN05]. Gaussian
[BS04b, Hah08, SI01]. generated
[BB04b, Hah08, SI01]. Generating
[Hal01, ON08, BRD04, BBJW05, BM04, CCRA05, Dev05, HTM01, MCLDP01, SJF07, vHK00].
Gene
[TS08]. General
[CL08b, HLW05, HKL+07b, ASS+02, Cha00, FS00, FWP01, Gra02, HvDjvdM01, Jad00, Jad03, JKK05, KSPT04, MZB+04, OK06a, SFR05, VF03a, VF03b, WTH+04, ZF00, HKL*07a, Pue06, Wen01].
general-purpose
[ASS+02, FS00, FWP01, Jad03]. Generalized
[Ber02, GT01, GZDA01, LWY01, NSMO02, Alf05, BBR03, BMC05, CFJ09, CWW00, DJ08, GHP01, GMAHV+09, HP02, KS05, KGM00, KHO01, LDVJ06, LL08, Mah08a, NM01a, NR01, RMWH01, Sch06a, CCD07].
Generalized-ensemble
[NSMO02].
Geant4
[AGM+00, AAB+08, HFN03, YFM09]. gel
[KKM02, SB05+05]. gels
[RvOvV02]. GeM
[Che07]. GenAnneal
[TL06a].
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
[FMMQ08, Rib02]. geomagnetic
[HHG+05]. geometration
[KKM02]. Geometric
[WLW01]. Geometrical
[JS05, LANM+01]. geometries
[AH02, BM02b, Cha04, KEM*01, LC07, MC08, SP07]. Geometry
[Sri01, BMM05, DC03, KSPT04, KS04b, Poi08, Poi09, Pop03, RJFB08, SGF04, SZ04, WTH+04]. geophysics
[MS05b]. George
[Koc02].

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]. Hall [ADG08, CSC+04, KB04]. Hall-MHD [ADG08]. Hallen [SR05]. haloes [GB05]. HAM [RE09]. Hamiltonian [HL00c, KTT02, MKS07, WZ00, ZF00]. Hamiltonians [MRS04, LL00, UCG+05]. hand [BBB+01, S09]. Handling [ADD+03, BGLLW01, SS07b]. handy [YFM09]. Hankel [SP08a, SSP08b]. Hanning [CL08a]. HAOA [ADG08]. HAP [BCP04, Koc02, Bar04]. Harker [CLFH07]. hard [MCC05, RM05b, SSLN02, TNI+07]. hard-core [RM05b]. hard-point [TNI+07]. Hardware [LBP+09]. HARES [WKP+01]. harmonic [Bek06, BFL04, Bl09, CIC+03, CHS09, D000, D005, DSC+09, GR01, GR02, GME06, HL08b, HZG09, LDZ+08, M006, PS08, SDNR05, TS06, You09]. harmonic-oscillator [DD00, D005, DSC+09]. harmonics [Bal07, CRW09, C00, GS01b, IFF01, SS09b]. Harrison [Wan00]. Hartree [BD05, D000, D004, D005, DSC+09, SDNR05, CWSH08, D010, G00, G000, NM03, PS08, REAB08, SS09a]. Hash [ZBB+06]. HASPRNG [LB+09]. Hausdorff [WS09b]. Hbbook [Pot00]. HBrowse [BBB+00]. HCP [GLW01]. HDF5 [SC04]. HDRM [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, DC00, KTBF06, OSK04, TA00a, TA00b]. heavy-Ion [KTBF06, Cha07]. HEDP [RG04]. Heisenberg [TBL02, dSL02]. Heitler [Fru03]. HELAC [KP00, CPW09]. helicity [KP00, MM08]. Helium [CC08, Yos03, R000, Yos07]. helix [YD06]. helix-coil [YD06]. help [GGL+02, JS06]. HemeLB [MC08]. HENP [BNO+01]. hep [AAB+07, BBA+02, SS07b]. hep-ph [AAB+07]. hep-ph/0411186 [AAB+07]. HepMC [DH01]. HERA [AAM+01, BFHMP+01]. Heuristic [SH04, LdVJ06, Pom06]. Heurman [BFLW07]. HERWIG [KRW03, CF02]. heteroepitaxial [MABK02]. heterogeneous [Ste05]. heterogeneously [MTC07]. heterojunction [LH03]. heteropolymers [BJ05a]. heterostructures [SSPM05, Dan07]. heuristic [VF03a, V03b]. hexadecane [VMMB02]. hexadecane-CO [VMMB02]. hexagonal [Zah01].
Hierarchical [The05, Ano01n, CD04, Col07, Huj05, Ort00, SKNV05, TC06]. Higgs [DKM07, DKV00, EH06, EH07, HHH09, HHW00, LPC04, LCE09]. Hierarchical-boson [HHH09]. Higgs-field [DKV00].

High [BBC01a, BTK02, CD05, COE05, DH01, FGV01, GK05, HJ02, KAB00, KK04, New07, SS00, Sim08, SEF01, TS08, Tel02, Bae04, BVY05, BBB09a, BADC07, BMS09, BCC03, Che05, CBM05, Cra01, DWZS05, DR09, FS01a, GCD06, GMO03, HGH08, ISSC01, JH09a, JC01, Ker02, KKF04, LRI06, LVV09, LLT02, LKKK07, LDZ08, Mam08, MMTH04, MC08, NV09, PPM04, PPC07, PD08, PDM08, Ros04, Sak07, SBM09b, iSANK08, SLMS06, SVA01, SKRK04, TAM04, WW05, vHK00].

High-accurate [WW05]. High-dimensional [BTK02, vHK00]. High-ecient [WW05]. High-energy [Che05, Cra01, GMO03, SKRK04]. High-energy-physics [SEF01].

High-fidelity [Ker02]. High-frequency [LKKK07]. High-intensity [PD08]. High-order [SS00, Sim08, DR09, JH09a]. high-performance [PPM04]. high-pressure [LDZ08, PDM08]. high-resolution [BVY05, KKF04, Ros04].

High-speed [GCD06]. High-temperature [HJ02, LDZ08]. Higher-energy [TYSH05]. higher-energy [TYSH05]. higher-order [MA04, MA08].

Highly [CWSH08, Zak06, AT09, FBB01, KSYE00, Sau00, S Z00a]. Highly-accurate [CWSH08].

Hilbert-transform [KSTL03]. Higgs-boson [HHH09]. Higgs-field [DKV00].

Hilbert [KSTL03, KSHP02]. Hilbert-transform [KSTL03].

Hilliard [KEM01]. Hirvensalo [Vio04]. histogram [BFH06, SR01b, VMMB02, YD06, dO02, dSL02].

Histogram [VMMB02]. histogrammed [BBBD06]. histograms [BH08]. history [MHS05, Wro08, YFM09]. HIV [CRPC08]. HIV-1 [CRPC08]. HMC [Lüs05, MSS07, UJSW06]. HMTA [GW01a].

Hogg [TSI02]. Holden [La03].

Hole [BFI00, HRR05, RRRHD08]. holes [CGCS07, Leh00].

Holistic [Rob01]. hollow [KHLI07]. hologram [PCA07, SI01, TIN09]. holograms [JP09]. Holographic [iSAK08]. holography [SMS09, SHI02].

HoloTrap [PCA07]. homogeneous [BBJW05, CGG08, CGG09, GBM02, Gut06, GMO03, KW03, Ste05]. homopolymer [SWL09]. homotopy [SPS09]. HONEI [VDGM09]. Hopf [AF05].

HOPPET [SR09]. hopping [Bes02]. horizon [Shi09]. HORN [SMS09, SHI02]. HORN-3 [SMS09]. HORN-4 [SHI02]. Hoshen [TG00].

Hosting [ZC09, CSZ07]. hot [TAM04]. Houches [Ano07-31, Ano09n, Hah09]. HP [WL08]. HPL [Mai06]. HPLC [NP01b].

HRMC [OPO08]. Hubbard [AC07, CA09, FM00, GOG00, KGM00, LR07, Ots01]. Huberman [TSI02]. huge [TYSH05]. human [KACB07, KN07a]. hurricane [Mas00].

Hybrid [CSC05, CA07, KSP04, OLS04, OSK04, OPO08, RD05, SBL04, AKS01, Cun09, GBFS07, KPF03, LKPH08, PCK00, RB00, SW00a, SvAS01, Swi04, TAM04, Tak00, TWY09, WMNS09, WBDB04]. hybrid-Darwin
hybridization [VPP+12], hybrids [KPF03]. HYDJET [LMP+09]. hydration [DELG05], hydro [MNV00]. hydrocarbons [EYJ07]. Hydrodynamic [MP09, LKPH08, LLPL08, MC09, PM01, Xia01, YNK05]. Hydrodynamical [JKKT00, NBPG08]. hydration [DELG05], hydration [DELG05]. hydration [DELG05]. hydrogen [Bac02, CGG+08, CGG+09, HPC05, Jia08, KRTZ02, KF03, MOC03, PDM+08, SKF05]. hydrogen-bonded [Bac02]. hydrogen-like [CGG+08, CGG+09, KF03, SKF05]. hydrogenic [Dy09, HB05, LS01, Sar00]. hydroxylated [RJCH00]. Hylleraas [Pat+09]. Hylleraas-type [Pat+09]. hyper [SNS01]. hyper-molecular [SNS01]. Hyperbolic [Laf03, BGH04, GT01, JH09a, PMG07, SS07a]. Hyperbolic-function [GT01]. hyperfine [GSF06, AJ08]. hypergeometric [CR08, CGM01, CG04, HM06b, HM08, MS08b, NP00, Wen01]. hyperplanar [BJ05b]. hyperspherical [APV00, CGA+07, CGVA08, CGVA09a]. hypervelocity [VKN07]. HypExp [HM06b, HM08]. I/O [Hah09, OCK+00]. Ian [Bur01, Kar01]. IANUS [BCC+08]. ICP [LCS07]. ICRF [IDS+04]. ICRH [PHKL02]. Ideal [ATF+09, CLR08, SHI+01, IK00, Ros04, SHW01, WBC+07]. identification [TdRGD09]. identity [EG09, KHÖ01]. ignition [VSBD00]. II [Ila03a, ABV02, BGLW01, CCFG05, CMT01, CHP04, GKP+06, Ida03b, IW02, PBI07, PSK01b, RF06a, THM01, Var08, Yan03b]. II.1. [ATP01]. II.2. [TAP01]. III [CvdEF+05, DD00, GFF01, RF07]. ill [RMWH01]. ill-posed [RMWH01]. ill-posed [RMWH01]. illumination [OKS04]. Image [MP05, BR01, DCJ07, ML03, MD00, QTMH07, RSD01, XD08]. ImageJ [DGR09]. ImageJ-based [DGR09]. images [AAA+00, AEE04, BK05a, GBR+09, HF06]. imaginary [FH04]. imaging [BS09, LZC+08]. immersed [Den08]. immersion [MIM+07]. Immiscible [HCO00, BC00]. immobilization [STK+00]. Impact [HDG07, MHK+05, MOC03, OMC00, SM06b, VKN07]. impacts [KPS+01]. impedance [DEW00, Pet04]. imperfections [BVY05]. implantation [KPS+01, MIM+07]. implanted [BSO+04]. Implementation [BP08a, Do01, GGQ01, KBC+09, LC01a, MS08a, WRC+04, ASF+05, Alv09, ARV02, BB00, BTK+02, BSK+03, BCCW03, BVKW02, CGIA07, DDdMS02, Dup01, DHBE05, DM07, EVL00, Eli05, EFS+08, GZ07, HS02, KM01c, LR07, LEG02, Maa06, MM08, MP01a, OCK+03, OD07, Oli01, OBG09, PPM04, PKKM02, PCY02, QRH00, RJJF08, RS03, SS09a, TRGR08, Tak03, TG00, WV05, WHL05, Zha08]. Implementations [VCF+04, Xia01, CC04, SK08, Yam00]. Implementing [Nil07b, PLPS08, Di 01]. Implicit [JH09a, ADG08, Cha04, CCD07, DPPS06, GKI04, LBPS09, ML06, SD07, 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, MHK+05, Nat09, Nat10, TL08b, UOM01].

Improvement [SLL07, WLH00, BH07, Dür05]. Improvements [Co07, dMBC+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]. InAs [LVLS01]. incidence [BB07]. including [Con04, FFD00, SKH02a, WD04]. inclusion [GMBC08]. InAs/GaAs [LVLS01]. incidence [BB07]. including [Con04, FFD00, SKH02a, WD04]. inclusion [GMBC08].
[RS00]. Instructions [Ano00z]. insulator [KGM00, YH02]. integer [HM06b, HM08]. integer-valued [HM06b]. Integrability [Par04, HSSA01].

Integrable [Bru04, CTR00, KW07, OMF03, qX08]. Integral [ST09, SVMT00, AA08, Al05, BMiC05, CC08, CL08b, DM09, Dun05, Duy01, EG09, Gut06, Kas00, KM05, Mii05, MKK05, Moh07, MG09a, NM01a, PIS00, RDF02, SR05, SZ00c, Str00, TAKN02, YN05a, Yao09]. Integrals [CCGR09, PR06, SLe00, ADDiM07, BD02, Beks06, BR03, BGH+09a, BW08, Cza06, Del08, Dy09, GKR07, HB05, KCH00, KK06, Man08, MR06, Moh08, NN09, OIKN02, SKH02a, SKF05, UK02a, WD04, ZF00, dDSFY04].

Integrands [IP01, Kau03]. integrate [NKV03]. Integrated [Han00, KMCS01, KPF03, LR06, ZPB09]. Integrating [VC08, SG06].

Integration [San00, SGF03, Asc08, BD00, FFF01, FBB01, Fra02, Hah05, Hah07, HDGM07, Ida03a, Ida03b, JH09a, Kau03, Kin03, KK06, LIR+06, LWLI07, MBR01, Mel05, MDC09, MKS07, Nur04, OM02, PIS00, SK01a, SS00, Sch04, SW00a, SVA01, Sim08, SFR05, THIC+07, UJSW06, Van05b, Wu10, YWF09, Zhang04, Zhai05]. integrations [Sea02c, WDB04].

integrator [Tak00, Van06]. integrators [Fra07b, SS06]. intense [BK06a, CP00, FSK04, HW09, KS04a, LCB07, Zah01]. 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, FF02, HY07, KPD06, KTG04b, KDSB04, LCB07, LS01, yMS01, MCL05, NHS07, RCG05, Sar00, Sav01, TZZ06, TEP00, TTKST01, Vie01, WSB04, WML+05, WIL05, YRR07].

Interaction-round-a-face [WN01]. Interactions [Mah08a, AH02, CF02, HLO8b, HJJ09, LZZ06, LLPL08, MV04, MMEH08, PHF+07, PD08, SS04, SZ04, SS05, YNK05, Zak00a]. Interactive [PCA+07, WCGL00, WSCW09, BCD+01, CC+09, Gre07, MPK00, PPK07, vdB08].

Interconnected [BHNW01]. Interface [FSBG00, ZHC00, BT04, BCKT09, BB03, Den08, Hah08, Hor09, KFJ+09, Lin07a, MRF+05, RLU01, Tam03, WMK09, dRL09, MCLDP01]. interfaces [Den08, GGG01, Har01, KRW03, RJCH00, YW01]. interference [KM08a]. interferometric [ABC+03]. interior [DELG05]. Interlayer [BNSY02, LNK01]. intermediate [AJO8, BC03, CRPC08, CM02a, JG02]. intemolecular [KP00]. internal [Goc04, HCC01]. International [BDL00, BJ00]. Internet [Chr00]. internucleoside [BS02]. Interparticle [SWY01, YW00]. Interplay [Mü02]. interpolated [CL08a]. interpolating [BS04b]. interpolation [BW01, Hin00, HDG07, PISK01b, QTMH07, Str00, UNK12, Val05].

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

intersection [BCH05, PL05]. interval [Con04, FKAM05, LIR+06]. intervals [AS00, Bar02]. intestinal [WG01]. intracranial [OCS+08]. Intradonor [JK01]. Introducing [HLC08]. introduction [SMS08]. intrusion [TWY09]. Inter [MGPM07, MGYP08]. invariance [HP02, HL00c, SAG+02]. invariant
invariants [MGYP08, PSH06]. inverse [BV00, CRUV00]. inversion [Don02, MHK02]. investigating [TQ03].

Investigation [ACC09, BDK+06, WCG04, BKB02a, CM02a, HSS+08, KML04, MB05a, MKM02, SG05]. invocation [DBE+04]. involving [AA08, Ida00, Ida03a, Ida03b, LS01, Sar00, Yao09]. IonN [KTBF06, Vie01, BF04, Bar00, BSO+04, Cha07, CBKM01, HPC05, JGGJ09, KL04, LdG+07, LMP+09, MCBR03, MOC03, MS05a, MIM+07, OMC00, OSK04, OZS04, PMA+04, PCK00, QTL06, Rout01, Sch08, SNB02, WCG04, WRN01, WBB04, OMC00, MOC03]. Ion-atom [Vie01, OMC00, MOC03]. Ion-atom/ [MOC03]. ION-ATOM/NEON [OMC00]. ion-beam [AA08, Ida00, Ida03a, Ida03b, LS01, Sar00, Yao09]. Ionosphere [KTBF06, Vie01, OMC00, MOC03]. Ionosphere/ [MOC03]. IonRock [BSO+04]. ions [CWSH08, GS01a, KF03, SJP05, SH07, SKF05, Wro08]. IPA [PJK00]. IR [SJHY07]. Irradiated [CP00]. irradiation [OSK04, RTVZ08]. Irreducible [GRR01, De 02]. Irregular [Wen01]. irreversibility [KA05]. Irreversible [Sta00, LA09]. ISICS [Cip07, Cip08, Cip09]. ISICS2008 [Cip09]. Ising [BCBJ02, BMML05, BM06, CM02b, CHP04, FV02, HBMJ05, KM01c, LTA05, NH09, SS07a]. Isobaric [BFL04]. isospin [BS03]. Isotermo-isotrop [BFL04]. isotopes [LC01b]. Isotropic [JBS08, JO807]. Isotopic-isotropic [JBS08]. Isotropy [Koz02]. ISSN [Hoo04]. issues [Lee04, RGR+04]. Iterated [Sch05]. Iteration [SZO06c]. iterations [CvdEF+05]. Iterative [BK06b, JBBR01, BDW06, BFLW07, CL02, FS01a, Li03, LY05, MP01a, MGG05, RBO8, SMZ05, WWF08, WRC+04, ZSM05]. Iteratively [DSH02, DSH03]. ITG [BSO+04]. IV [CKA+09, DO04, IFF01, RF08]. IVPs [FSW08]. IX [PFG06a]. Ixaru [AA01b].

J [RP02]. J4HistoryKeeper [YFM09]. J90 [WHL00]. Jacobi [KH01, Yan03b]. Jacobian [Yan02, Yan03c]. JADAMILU [BN07]. Jahn [GFG+06]. January [BJS00]. Japan [Sak07, Yos00]. Java [Esq04, Chr00, Esq04, KM08a, MCLDP01, RSD01]. JaxoDraw [BT04, BCT09]. JChainsAnalyser [DG09]. Jet [CJT06, GJT03, HFN03]. JETS [LMP+09]. JetViP [Pst00]. JetWeb [BB03]. JJGEN [SJF07]. John [Ano04b, Ano04-45]. Jones [GAR05, IW01]. Josephson [Bor02, Gen01, KSTL03, MSS00]. jumps [Ryc05]. junction [Bor02, Gen01, MSS00].

K*Grid [KKHL07, HKM+07]. K- [Cip07, Cip08, Cip09]. Kac [RDFF02]. Kadomtsev [LL08]. Kallman [DC00]. Kalman [CNFR01, GKK+08]. KangaROO [ADD+03]. Kansa [DTHL09]. KANTBP [CGA09a, CGA+07, CGV08]. keep [Var02]. keeping [YFM09]. Kernel
KEWPIE [BAB04]. key [MHS05, VK09b]. Keystream [AMRP04, WLW04]. kicked [Bow02]. Killing [dB00]. Kinase [ITKST01]. kind [WW05, WS09a, YM03]. Kinematical [Dan05b, BD06]. Kinetic [EFBP04, HKPL07, Lon07, MABK02, RIB01, RPD+05, SMH04, AGJ07, ASC+05, BD08, BSMH05, BDV12, BGS+04, DJ04, DGV08, DKC08, HOI04, HS07, HW09, IF03, KSPT04, MCL05, MR04, MHS05, PCC+09, PSK01b, SMH+01]. kinetic-fluid [DGV08]. kinetic-MHD [KSPT04]. Kinetics [AMRP04, WLW04]. Kirchho [Pis00]. KK [JWW00b]. Klein [KA09]. KLOE [S01]. KMI [HKM+07]. KMI-R1 [HKM+07]. knockout [BG06]. knowledge [ME00]. knowledgebase [BDG+08]. Kogut [CAF+03]. Kohn [JW00a]. Korea [Cho07, SS07b]. Korringa [SJ02]. Korteweg [KD09, Zak00b, ZY09]. Kranc [HHL06]. Kronrod [AA01a]. Krypton [STK+00]. KSTAR [KY07]. KtJet [BCCW03]. Kutta [Fra02, KMS09, PAS09, Van05b, ASV00, BT01, CFMR08, MV09, Van05a, Van05c, VIVO1, VAMVR08].

L [Cip07, Cip08, Cip09, TKN+08]. L- [Cip07, Cip08, Cip09]. L1Packv2 [Lor08]. L1PMA [Dem03]. L2CXCV [Dem06]. Lab [LKPH08]. LabVIEW [GCD06]. ladders [CSW02]. lag [KS01, Liu07a, Van05c]. Lagrange [LCHJ09]. Lagrangian [BGS+04, CR09, Id02, Mel05, ML06, TYN02, TFMO9, UNK12]. Laguerre [Hua09]. Lakshmanan [Par04]. lamellar [LMS05]. LAMMPS [KBC+09, LS09]. lamp [SLL07]. Lanczos [BSTD05, CHM00, GNZ+09, MA06]. Landau [BR09, CM03, KS08, BDH08, CSCK08, KS84, LWT08, LOL06, LWLL07, OS04, PRSB08, SW09, WL08, YD07, Zha08]. Landau-gauge-fixing [CM03]. Landau-Transition-Matrix [BR09]. landing [KPS+01]. landscapes [WLXG09]. Lane [SPS09]. Langdon [ANO35]. Langevin [DR+02, QP05]. Langmuir [CS07]. Langtangen [Hoo04]. language [Bor07]. languages [BDK+06]. LanHEP [Sem09]. lanthanides [EA01]. Laplace [Don02]. LAPW [PW90]. Large [DMR02, KMD+02, LM02b, RV0V02, TM08, ULA+02, Vor02, ABD+05, BV05, BN07, CLL+07, DV05, DBE+04, DM07, ES09, FTTG07, HS01b, KKK06, KTT02, MC08, MFV07, MDC09, MAM04, MAM07, MHK+05, MM01, iNKNV08, OCK+00, OGW03, PFG06b, QG04, REAB08, RTV08, RCG05, Sch06b, SKV04, SJ02, Str05, TPV03, TYSH05, TL09, WCG00, WV04, TIM07]. large-area [TL09]. large-charge [LL+07]. large-eddy [DV05]. Large-scale [KMD+02, LM02b, ABD+05, BV05, DBE+04, FTTG07, MDC09, iNKNV08, OCK+00, PFG06b, REAB08, RCG05, SJ02, TPV03]. Laser [BCP04, Gha05, BBB+04, BK06a, BBR04, BDV04, CP00, DR+02, EST00,
laser-accelerated [LdG+07], laser-atom [BK06a], laser-driven [MK05], laser-induced [MLPT08], laser-matter [LCB07], laser-plasma [VSBD00, WML+05], laser-produced [GFP00], laser-target [PD08], lattice {BK06a, Cre00, EFH+07, Fod05, HL00a, KS04b, MS05a, Nii00, PY08, SHT08, Suc02, vdSvdG08, ALV05, All01, ALN+01, BB09a, BBDO0, BC00, CYAS05, CT00, CK08, CMD00, CAF+03, CMM09, CND09, DCN09, DDD+01, DS04, DPB01, Di 01, DHS00, DS09, Fe08, FT08, FK03, FJC+05, GL02, GH0L03, HvvHM09, HCO00, HCO01, HSL01a, HNG05, IK00, IK000, ICO03, JU09, JHH09b, KIT00, Koz02, KK05, LNC+03, Luo00, Lus04, Lus05, Mas05, MHR+07, MC08, MSS+07, MG09b, OS04, OCS+08, PCCF05, PP04, Pncy02, RS09, SCO00, SS07a, SBJ05, TMTF00, TCF00, TdFK00, Voi02, Voi03, YB02b, Yos01, ZHC00, ZY09, ZSSA00, vHLP08, KSC+00].

Lattice-BGK [KSC+00], lattice-Boltzmann [KSC+00], lattice-Boltzmann law [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], LC [JPS+01a], LCG [BDG+08, Shi07], leading [CC04], leakage [CJC09], leaky [All05], Least [KT04, TD03, Dem06, JC07, WWF08], Least-squared [KT04], LED [CFJ09], LEED [BH01], LEED90 [BRdAHK04a], Legendre [Del08, SSP08b, Str00], legs [BGH+09a], Lekner [TZZ06], Lemaître [Ri02], length [MSS+07], Lennard [GAR05, IWO1], Lennard-Jones [GAR05, IWO1], LEP [JWW00a], LEP/SLC [JWW00a], LEPE [BCCM03, JPS+01a], LEPE2/LC [JPS+01a], lepton [JWW00a], leptonic [PAT+09], leptoquark [Bel01], less [AW04, WA07], level [ABB+09, CPW09, Cap05, DB08, ESO9, GC01, HYY07, ISSC01, LLV+01, LRRR06, RGD+01, SV01, TY01, Yk09, YT01b, ABF+01], levels [CCBL02, CC07, CCL08, CGA+07, CGVA08, CGVA09a, EAO1, EVL00, GZF04, LVLS01, TYS+00], LevelScheme [Cap05], Levin [RB05], Levin-like [RB05], LGT [Tri01], LHC [Shi07, ADE+02, CCG08, CCGS07, GGQ01, QWWZ09], LHCb [An03h], Li [BNS07], libraries [vDGM+09], Library [An04-46, BJ00, BB09b, JK00, JK006, MM09, PSS00, Bel05, BEM+02, Boy09, DVL+02, DVL+04, GRM02, Hah05, Hah07, JC08a, KS05, MG09c, PMA+04, Pin01, SG00a, SM04, SM06a, SBM09a, SWS+12, VHL09, BJ00, DVL+04], libration [She08], lidar [BK06b, OPB+09], Lie [dSB00, BCOV3], life [BM02a, Teh01], Lifshitz [HP02], lifting [MA00], Light [PCC01, BLCR05, BDF+08, CLFH07, FWP01, GDC01, Har00, HTL+03, KS04a, LPRS02, LPR04], light-cone
lightrays [MG09c]. Lightweight [CSZ+07]. like
[CGC+09, CWSH08, CGG+08, CGG+09, HD04, KF03, MVS05, OMF02,
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, HMM+09, RLI07, SKNV01, WC00, YG09, Bat03,
BMG01, BW01, Br00a, CN01, CIC+03, CCBL02, Cha00, FGF03, GSGT03,
HGGZ09, KA09, Ko03, LRI+06, NP01b, SKNV05, SSP08b, Wan05b, ZA01].
linear-mixing [Bat03]. linear-scaling [Gao03, HMM+09, SKNV01, WC00, SKNV05].
linearization [Ram03]. linearizations [BB04a]. Linearized [BC05, ADS06, IH09, IHAR09].
linearly [CMR01, Man02]. linearly-scaling [CMR01]. lines [HD04].
lineshape [BDM09]. link [Dür09, KT04, KSYE00]. link-cell [KSYE00].
linkages [BSB02]. linked [RS09]. linking [BDYK04]. links [HK02]. Linux
[BS06a]. Liouville [CGVA09b, LVV04, LVV09]. Liouvillian [ADDdM07].
lipid [SDLW07]. Lipkin [RGD+01]. liquid [Ali05, BNS07, CAAM08, GLP03,
JBA05, LS02, LPRS02, LPR04, MSS+09, MVS05, MSK+05, MDH04, Mor01,
MHS01, PGS02, RCGC00, RCG05, SSH01, TDY02, Yok09, Yos03, Yos07].
liquid-liquid [MSS+09, Mor01]. liquids [CAAM08, GGL+02, HL00b, SHZ01]. List
[Ano02j, Ano02k, Ano02l, Ano02m, Ano02n, Ano02o, Ano03i, Ano03j, Ano03k,
Ano03l, Ano03m, Ano03n, Ano03p, Ano03q, Ano03r, Ano03s, Ano03t, Ano03u,
Ano03v, Ano03w, Ano03x, Ano03y, Ano03z, Ano03-27, Ano03-28, Ano04n,
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,
Ano07e, Ano07d, Ano07e, Ano08b, Ano08c, Ano09c, Ano09d, Mas05, MDT03, VVWC04].
lists [ABRS12, BM04, SJF07]. lit [CFJ09]. literature [DDEM00]. lithium
[OM00]. little [GG1+02]. load [CD09a, PSP+*03]. load-balancing
[PSP+03]. Local [MP01b, YW01, AA07, ACK05, BP08b, DM09, HTM+08,
JK08, LWY01, LM02b, NM01b, Ryc05, SKH02b, TLP04, TL06c, VPP+12].
localised [KH09, MYL+08, MSHP20, RB08]. localization
[CMRS02, TIM07, TIM08]. Localized [GFS03, MSHP02, SMH+01].
Locating [TL06c, LLY07, VPK+01, WMNS09]. location [HS01b, QTMH07].
log [KS05]. log-derivative [Jam00]. log-sine [KS05]. Logarithmic
[Dür09, Zit09]. logging [ZZH09]. logging-while-drilling [ZZH09]. logic
[MSS90]. Long
[HKL+07a, HKL+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, BGR+09a, BLi00, BW08, CCRG09, FK00, KKK06, KK06, LOY07, LR06, MR06, NN09, ZP01, PR06, WMNS09, dDFY04]. **loops** [PZ01].

**LORES** [ZDKG05]. **loss** [Fri03]. **Lotka** [Sle00].

Long-time [WLR+08, Sim08]. **long-wave** [Cai09]. **loop** [BD02, BGR+09a, BLi00, BW08, CCRG09, FK00, KKK06, KK06, LOY07, LR06, MR06, NN09, ZP01, PR06, WMNS09, dDFY04]. **loops** [PZ01].

**LORES** [ZDKG05]. **loss** [Fri03]. **Lotka** [Sle00].

**Long-term** [WLR+08, Sim08]. **long-wave** [Cai09]. **loop**

[BD02, BGR+09a, BLi00, BW08, CCRG09, FK00, KKK06, KK06, LOY07, LR06, MR06, NN09, ZP01, PR06, WMNS09, dDFY04]. **loops** [PZ01].

**LORES** [ZDKG05]. **loss** [Fri03]. **Lotka** [Sle00].

Long-time [WLR+08, Sim08]. **long-wave** [Cai09]. **loop**

[BD02, BGR+09a, BLi00, BW08, CCRG09, FK00, KKK06, KK06, LOY07, LR06, MR06, NN09, ZP01, PR06, WMNS09, dDFY04]. **loops** [PZ01].

**LORES** [ZDKG05]. **loss** [Fri03]. **Lotka** [Sle00].

Long-time [WLR+08, Sim08]. **long-wave** [Cai09]. **loop**

[BD02, BGR+09a, BLi00, BW08, CCRG09, FK00, KKK06, KK06, LOY07, LR06, MR06, NN09, ZP01, PR06, WMNS09, dDFY04]. **loops** [PZ01].

**LORES** [ZDKG05]. **loss** [Fri03]. **Lotka** [Sle00].

Long-time [WLR+08, Sim08]. **long-wave** [Cai09]. **loop**

[BD02, BGR+09a, BLi00, BW08, CCRG09, FK00, KKK06, KK06, LOY07, LR06, MR06, NN09, ZP01, PR06, WMNS09, dDFY04]. **loops** [PZ01].

**LORES** [ZDKG05]. **loss** [Fri03]. **Lotka** [Sle00].

Long-time [WLR+08, Sim08]. **long-wave** [Cai09]. **loop**

[BD02, BGR+09a, BLi00, BW08, CCRG09, FK00, KKK06, KK06, LOY07, LR06, MR06, NN09, ZP01, PR06, WMNS09, dDFY04]. **loops** [PZ01].

**LORES** [ZDKG05]. **loss** [Fri03]. **Lotka** [Sle00].

Long-time [WLR+08, Sim08]. **long-wave** [Cai09]. **loop**

[BD02, BGR+09a, BLi00, BW08, CCRG09, FK00, KKK06, KK06, LOY07, LR06, MR06, NN09, ZP01, PR06, WMNS09, dDFY04]. **loops** [PZ01].

**LORES** [ZDKG05]. **loss** [Fri03]. **Lotka** [Sle00].

Long-time [WLR+08, Sim08]. **long-wave** [Cai09]. **loop**

[BD02, BGR+09a, BLi00, BW08, CCRG09, FK00, KKK06, KK06, LOY07, LR06, MR06, NN09, ZP01, PR06, WMNS09, dDFY04]. **loops** [PZ01].

**LORES** [ZDKG05]. **loss** [Fri03]. **Lotka** [Sle00].

Long-time [WLR+08, Sim08]. **long-wave** [Cai09]. **loop**

[BD02, BGR+09a, BLi00, BW08, CCRG09, FK00, KKK06, KK06, LOY07, LR06, MR06, NN09, ZP01, PR06, WMNS09, dDFY04]. **loops** [PZ01].

**LORES** [ZDKG05]. **loss** [Fri03]. **Lotka** [Sle00].

Long-time [WLR+08, Sim08]. **long-wave** [Cai09]. **loop**

[BD02, BGR+09a, BLi00, BW08, CCRG09, FK00, KKK06, KK06, LOY07, LR06, MR06, NN09, ZP01, PR06, WMNS09, dDFY04]. **loops** [PZ01].

**LORES** [ZDKG05]. **loss** [Fri03]. **Lotka** [Sle00].

Long-time [WLR+08, Sim08]. **long-wave** [Cai09]. **loop**

[BD02, BGR+09a, BLi00, BW08, CCRG09, FK00, KKK06, KK06, LOY07, LR06, MR06, NN09, ZP01, PR06, WMNS09, dDFY04]. **loops** [PZ01].

**LORES** [ZDKG05]. **loss** [Fri03]. **Lotka** [Sle00].
FIBT01, FIT03, Fri09, GFF01, GF02a, GS05, GF06, GI09, Har00, IFF01, bLP02, LL04, pLbL03, PFG06a, Vu03, qXbL04. maplet [YC07]. Mapped [ABOSPG09]. mapping [CD08]. maps [Gal00]. market [LLH07]. markets [KHH07]. Markovian [FRdS09, JS06, MVS05]. marks [LVH07]. Mars [PAD+09]. martensitic [KEL02]. MAS [BDM09]. masking [UOM01].

mass [BDF08, 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, MS05b, 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, MS05b, dNK07]. Materials [Haf07, MRF+05, CM02a, Den08, Goc04, GMBC08, Gun02, HKK+01, HM00, JG09, KCC+00, MS05b, NY06, OLS+01, Ram12, YGT+02, dSDSW08].

Mathematica [BC07, Bre07, Cap05, CKS00, FW01, Fer07a, GKR07, GMBC08, GHL09, 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, Mas00, SZ00b, Sev00, Tho01, Yan03c]. MATHSCOUT [BC07]. Matlab [HTNFBS06a, HTNFBS06b, PBI07, TNBSF04, Tót08, Sha04]. matrices [BRdAHK04b, BN07, Bun01a, De 02, DC00, Flo01, GRR07, GMBC08, GHIL09, Gro01, Hah08, HL08b, HM06b, HHL06, JDBT06, JDBT09, Lod08, Mai06, MM08, PTL04, Tos08, WGDZ04, WW06]. Matrix [BR09, Di 01, IH09, Alv09, AC05a, AC05b, BFLW07, BMG01, BBB+00, CNMC09, Cha00, CGA+07, CGVA08, CGG+08, CGG+09, CGVA09a, CHM00, DEW00, FM03, FSB09, GF01, GPO06, GME06, HL08b, KTL05, LS01, MN01, OS03, PDA06, PAT+09, Ram12, Sar00, Sch08, SS+09, SMZ05, SNBB02, TYS05, Ton07, UTKF05, WN01, Yak01, You09, Zat06, ZSM05, dAK01, dGGS+05]. matrix-exponential [Ram12]. matrix-vector [EF+08]. MatrixExp [Pog05]. matter [BBPS07a, BBPS07b, BBPS09, BFI+00, CM01, LM06, LCB07, PJSK08, RRCV09]. Maximally [GFS03, MYL+08]. maximally-localised [MYL+08]. maximum [BDYK04]. Maxwell [MOS01, CHS09, DKMF03, Den08, HZGZ09, LCB07, MOS00, PC06, RBO00, ST02, SL03]. mazer [BS00a].

mazev1 [DG08]. mazev2 [DG08]. mazev3 [DG08]. mbar [KRTZ02]. MC [FFK02, GPW04, JPS+09]. MC-TESTER [GPW04]. MC3D [Wol03]. MC3D-3D [Wol03]. MCC [LSL07, MIM+07]. MCDB [BGD+08]. MCDF [UK02b]. MCDHF [AJ08]. MCEF [DFT+02]. McGuire [Koc02]. MCHF [Fro00, FTGG07, JG02, ZF09]. MCL [KPD06]. MCNP [KN07a]. MCNP-4B [KN07a]. MD [GSM+03, KPS+01, LL00, PS09, TM01]. MDGRAPE [SEE+03]. MDGRAPE-2 [SEE+03]. MDVRY [SLBG09]. Mean [Tam03, BKB02a, GSM+03, MSS+09]. means [Ano01n, BKKS09, FH04, KKS04, Tam03]. measurements [BSO+04, FKMB09, PB07, ISAK+08]. Measuring [Yur02]. Mechanical [PM08, CN01, Dun05, HSBK08, LLT+02, OSK+02, VT00b, VT00c].
mechanical/molecular [OSK+02]. mechanically [RJFB08]. mechanics
[HF00, JCO8b, KM01d, KM03, LC00, MGG05, OMF03, Ram03, Sta00,
VCCS05, WDHE04]. mechanism [Ger07, KLO7a]. mechanisms
[HOT07, Ste05, iTKST01]. media
[Bar00, BBD00, BBO4b, CGK+00, JOS07, Mel01, PPM04, RK05]. medical
[FFS01]. medium [CL03, NN06]. meets [MS05b, OLX07]. Mellin
[Bli00, BKKS09, Bli09, Cza06, GKR07]. melting
[KNSY07a, LNLK01, MVS05, MYJY01, Ste05]. melts
[CW01, MPS09, Ryc05, WBC+07, ZM00]. membrane [GS01a, RR02].
membranes [HJM02, SDLW07, iTKST01]. memory
[BOG+07, BB00, BTS06, CSCK08, CC00, TG00, TYS+00, Xia01].
MEMPSODE [VPP+12]. MERADGEN [ACIZ07]. mercury [SLL07].
mercury-free [SLL07]. Merging [GB05]. MERLIN [KPD06, PDL04].
MERLIN-3.1.1 [PDL04]. MERLIN/MCL [KPD06]. Mesh
[BTS06, IH01, KNTG03, PM01, BFH05, DMR02, FMD07, FS08, HCH+06,
KKF+04, LHS+06, MOM+00, OD07, Ros04, SJCM04, VAH04, VCF+04,
WTW04, Zie04, Zie08]. mesh-refining [LHS+06]. meshes
[MCLDP01, MOS00, MOS01]. Meshless [DM09, YNS+09]. mesogenic
[HSS+08]. meson [CDEW04, CWW06b, DS04]. mesophase [HCCO5].
Mesoscale [JOS07, LNC+03]. Mesoscopic
[PCF05, YGT+02, HKK+01, ISSB01, iOY01, Yos00]. mesospheric [BCP04].
Metacomputing [Lit00]. Metadata [dSDSW08]. Metal
[KGM00, LY05, NP01a, TGB01, YH02]. Metal-insulator [KGM00, YH02].
metal-oxide-semiconductor [LY05]. metallic
[CIC+03, KPS+01, PDM+08, SG05]. metals [Cle05, WC00].
metamodelling [RPY07]. metastable [CRS05, vdB08]. Method
[IH01, SLLO1, VPK+01, AP04, AA01a, ABOSP09, AI09, AMRP04, ASF+05,
ADS06, AKZ00, ARV02, AH02, ASVA00, Bae03, BDK+06, BDW06, BLS09b,
BFLW07, BK06b, BKM05, BDYK04, BTS06, BVKW02, Cai09, CMF00,
CZC00, CCL08, CWSH08, CAV00, CA09, CRS09, CCRA05, DWZS05, DS01,
DM09, Den08, DW01, DSH02, DSH03, DSSH05, Don02, DTHL09, DDDMS02,
Dys02, DM07, EL06, Eli08, EFS+08, FSW08, FNR+06, FNR+07, FER+07b,
FSB09, FZ09, GVMW04, GHP01, GT01, GMAHV+09, GMAI+07, GLP03,
GLMADB+02, GSGT03, Gre07, bHHL07, Hln00, HJZ09, Hua09, IH09, Ida02,
IK00, IK000, fxs07b, JH09a, JAm00, JC08b, KV08, KA09, KNY05, KD09,
KM01d, KM06, KN07b, KTT02, LRI+06, LLY07, LLCS01, Li03, LY05, LFT01,
LFT03, LKCS06, LZ04, LS05, LL05, LL05b, LNH06, Man04, MDT03, MHR+07].
method [MLF07, MS05a, Mel05, MN01, MYJY01, MI05, MA06, MP01b,
MABK02, NT04, NM01a, NJ01, Nik03, NFS01b, OCK+03, OD07, OS04,
OPO+08, OGWH03, PAS09, PJK00, PMG07, PAD07, PKST03, PIs00, Pit05,
PSV00, RLRR06, Ram10, Ras09, RE09, Ras17, RB08, RDFS02, RMLB01,
Ros04, RMWH01, RB00, SPM05, Sun00, SNS01, Sch05, SOYN01, SI01,
SHZ01, Sho04, Sho07, Sim00, SW00a, SVA01, SMA03, SPS09, SJ02, SZ00c,
SR01b, SM02, SRR+00, SFSL09, SHH+04, SS05, SFR05, TMTF00, TCF00,
method [Yok09, ZWD05, dNKM07, 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+M+02, IHAR09, KMS09, KSC+00, KALC08, LVV04, LVV06, LIR+06, LJY07, LZ00, LNC+06, MVJ09, MPSF01, PKPV02, PKKM02, PSK01b, Ram03, SG06, SLMS06, SMZ05, SQ03, TBZ12, ULA+02, VPCK04, Van05a, Van05c, VIC01, itVPG08, VT00c, Wan05b, WGL06, WDHE04, WYL09, WYX09, Wuy04, WYW09, YNS+09, Zab04, Zab05, ZSM05, Zit09, dMB+06, vdEFL+02, vHLPO8, BP08a, BFI00]. Metropolis [FNR+07, KM01b, DDD+01, FNR+06, KM00a, dS03]. mFOAM [JS07]. 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 AMB03, AAA+00, KHILO7, LTG09, OML09, PRSB08]. micro-canonical [PRSB08]. micro-DST [ADD+03]. micro-macro [OML09]. micro-structure [AAA+00, LTG09]. microcanonical [FD009, RLU00]. microhollow [HKLY07]. micrOMEGAs [BBPS02, BBPS06, BBPS07a, BBPS07b]. micrOMEGAs_2.2 [BBPS09]. microscopic [Lud02, PY08, Rap08, VS01]. Microscopy [RdAGV+00]. microstructure [CFJ09]. microstructures [Ni00]. microturbulence [Le04]. microwave [CH09, HJZL07, NV09]. middleware [CSZ+07, HKM+07]. Mie [WV04]. Mika [Vio04]. Mills [MG09b]. MIMD [VT00b]. Mimetic [KT05]. MINERVA [ATF+09]. MinFinder [TL08b, TL06c]. mini [HF03]. mini-jet [HF03]. minima [CCRA05, TL06c]. minimal [LPC+04, DGS08, FJ+03, HS02]. minimisation [HP06]. minimizing [Lor08]. minimum [JPS+09]. Mining [HCK01, PB09b]. miscibility [Mii02]. Mix [LL00, WSCW09]. mixed [BB09+09, CHS09, Kim07, LCM00, Nap09, Vkm+05]. mixing [Bat03, Cun09]. Mixture [FL01, CTI07, Fru03, GAR05, TE05, WS02]. mixtures [JBS08, LL00, MY00a, MY00b, Pur02, itVPG08, VMMB02]. MJK [GG03]. mK [Yan03b]. MM [GS+03]. MMM2D [AH02]. Mn [KMD+02]. MO [iTKST01, YKK07]. mobility [Mam08]. mode [AK03, CDQF07, CAW00, WBDB04]. mode-matching [CAW00]. Model [CGIA07, FK00, KOS+09, RCGB00, AGJ07, AGV00, AIOST03, AC07, AAG+04, ASF+05, BLS09a, BBOY08, Bat03, BB+04, BBPS07a, BBPS07b, BBPS09, BCBJ02, BBJS09, Ber03b, BG06, BCD+07, BFL04, BC00, BFB+08,
CMRS02, CM06, CSW02, CFJ09, CBBJ02, CL02, CMD00, CS07, CHP04, DCK08, Eh0n08, EM08, FFK02, FGA04, FM00, FHR+05, FV02, Fri03, FMM01, GQO01, GME02, GF00, GL03, GBC+04, GGG00, HD04, HBMJ05.

ISS+02, IK000, ICO01, ISH01, JS08, KV08, KSS02, KMK01c, KITK00, KB04, KTG04a, LPC+4, LR07, LB05, LC06, LD+08, LMS+02, LCB07, LA09, LS05, LS09, Mck07, MLF07, MK02, NHS07, NV09, NSYZ02, Nii00, Oli01, Ot01, PFM04, QTL06, QCML03, RTS01, RMK05, RDSS01a, RDS02b, RRR02, RLU00, Sal02, Sch08, SDLW07, SG00a, 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, vDvdG08, Dan09a, FIJ03, GMAN07, HS02].

Model-Driven [Dan09a]. model-independent [KV08]. Modeling [ABV02, CHL07, GVMW04, MY00a, MCH02, PB09a, SZ04, TDY02, AFK+07, AOT01, AP05, BL09b, BS09b, CMT00, CMT01, DVG05, Del03, GT04, HvJvdM01, HMY+02, Hu0j05, HHWH07, JOS07, LPRS02, LPR04, LiG+07, Mar08, MTZ00, NW02b, NP01b, OCS+08, PCF05, PHKL02, Pin01, Pop03, Ram10, Ram12, RDS02a, RG04, RMVQ07, SG01, Str01a, SKR04, SBCZ08, The05, itVPG08, VSBD00, Whi00, Yep02, ZS07].

Modelings [GCP+02]. Modelling [TC07, AP09, Bru00b, NK07, NRDHB01, PFPB+09, SBM+04]. Models [Koc02, AGM+00, BPRW06, BR09, BMIL05, Bro07, Bru04, CYAS05, CT00, CK08, CA09, CPT+01, CR08, F009, FL01, HL01, JH02, KM05, KG00, KM05, KACB07, LCB+00, LV08, LIT+02, LKKK07, Liu07b, Luo00, MK02, RD05, RS09, Ro00, RTV08, SS09a, Wei01]. modern [EHHH01, TYS+00]. modes [AGJ07, BS00a, BG+04, EMJH03a].

Modifications [NP01b]. Modified [KD09, LZ06, TB87, Yan03a, Yan03b, BS02, CFMR08, L09b, MBG03, Ras09, Ras17, SPS09, TL06a, WP06, kWP09, Z00a, ZL09, Th04a].

modify [HKK+01]. modular [PKB+01, Wan01]. modulated [K01].

Module [An04-46, Fri09, MMR04, PMA+04]. modules [PBB+04, WCGL00]. Molcol [FB00]. Moldy [Re00]. Molecular [AP05, BBB+04, BDHP08, BRdAHK04b, CDF05, DELLG05, FS01b, FS02, H0707, KEL02, KR0702, O005, PRR07, Rap08, TNI+07, TYS+00, ASH06, ASS+02, BS02, BG09b, BTS05, BBB+09b, BMG00, BK05c, CW02, CCF05, CLH07, CF09, CCD07, CTR07, CR00, CW00, CCO0, DC05a, Dun05, Dup01, EVL00, FG04, FBL00, FP08, HDGM07, HL00b, HM06a, HHK02a, IW01, IW02, IN09, ISH01, JAT03, JRT00, KCC+00, KMD+02, Kar02, KFJ+09, KY00a, KA05, KB+09, KB00, KS04a, KM05, LM02a, LZ06, LZ08, LSVMW08, LL00, MBR01, MPR05, MMR04, MK02, M01, MSH01, Nak08, inKVN08, OSK+02, OK06a, OK06b, OD07, OCK+00, OM03, OD02, PLPS08, PJK00, PHF+07, PLS09, PKPV02, PP02, PS09, Rap02a, Rap06, Re00, RJ00, RF05b, SG00a, SM04, SM06a, SBM09a, SBM09b].

molecular [SN01, SHZ01, SKNV05, SWC+03, SLBG09, SP00, SF05, SEE+03, SS02b, SS05, TAKN02, T0d01, TGB01, Tsa02, VCCS05, Val05,
Molecular-dynamics [KELO2, MSH01, OLS+01, SHZ01, Tsa02]. molecule [Hin00, LCVO06, LDBG08, NFS01a, NFS02, NT05, NW02a, Ton07, WM00].
molecule-doped [NW02a], molecules [ARV02, Bac00, BOBY08, BTK+02, BSS09, DN05, GLL+02, HC08, HSS+08, IW01, IW02, JAT03, KJ07, KLTH04, LVL02, LRR+09, MV05, NW02a, NY07, RMLB01, ST02, SJP05, TKB+04, TNCG00]. MOLED [HTL+03].

MonALISA [LNV+09]. MONARC [MC01]. monitor [LNV+09]. monitoring [GC01]. monolayers [SDLW07]. Monotone [CL02, Li03]. monotonic [Dem03, DB08]. Monte [FNR+07, GPW+09, JKW06, SVMT00, TA00a, WA07, AW04, ABM03, ACIZ07, ASF+05, AGS07, Ano03h, ABB+09, Asc08, BS06a, Bae03, Bae04, BBB+09a, BJ02, Bar00, BDG+08, BvG02, BR09, BL00, BMML05, BHM+07, BM01, BHL02, BK05b, BDK+04, BKB02a, BKB02b, Bur02, BB03, CGCS07, Che05, CGK+00, Cmu09, CKA+09, DS01, DDD+01, DGLB08, DDRW03, DH01, FNR+06, FdO09, FMN01, GS01a, GPW04, GW01a, Gra02, GOG00, GRS06, HKL07, HCK00, Huk02, JKW00, Jd00, JWW00a, JWV00b, JPS+01a, JPS+01b, Jad03, JS06, Jun02, JBS08, KH01, KPL07, Kat02, KRW03, KL06, LTA05, LF02b, MBKJ09, MRS04, MHS05, MSS+09, Maz00, MSK+05, MP03, MMB02, MB05a, MP06, MG09a, MABK02, MER+00, MKM02, Nat08, Nil07b, OTY02, OPO+08, PMA+04, PSW00, Pop03, RP02, RIB01]. Monte [RPD+05, RS00, RK05, Sch04, SVP09, SLWH02, SSLN02, Sul05, TA00b, Tak00, Tom09, TNCG00, Trö08, ULA+02, Uhl03, VYK02, VPNW02, VMMB02, WA03, WL00, WK02, WH00, WLX09, YC07, sD03]. Monte-Carlo [WJW09]. MontePython [Nil07b]. morphogenesis [CGIA07]. Morphological [MD00, GBA01]. morphology [BM02b, CGC+09]. MOS [LLT+02]. Moshinsky [UTKF05]. Mossotti [LWy01]. motility [WG01]. motion [DMR02, FRdS09, KKSR04, KLTH04, NKV03, OMFO2, RL01, Sta00, TMTF00, TGB01, YOK09]. Motion4D [MG09c]. motions [LV08]. motivated [Pee07]. moves [WL00]. moving [GSGT03, PPC07, SFF+04]. MPI [BCAD06, BADC07, Gao03, MGG05]. MPI-2 [BCAD06, BADC07]. MSPHD [GSSN00]. MSSM [BDW06, BBPS02, DGS08, DKK+07, HH+09, HHW00, LCE+09, Mah08b, MDM05, QXW07]. much [Ort00]. MULTEM [SYM00]. Multi [DSHH05, FLO06, GIME02, Ida03a, Jad00, LbotMC01, NJ00, SQ03, TYN02, TCF00, AK07, BAD01, BBBD06, BW08, BRE05, CD01b, CR00, FH04, GFF00, Hju05, KNTG03, Li03, LLLZ01, NW02b, OSK04, ISX05, SSPO8b, SIE04, THC+07, Val05, WGDZ04, WC05, WMNS09, WRMG05, Xia01, Yam00, Yok09, dNKM07, BMS+09, Ida03b]. multi-beam [OSK04]. multi-derivative [WGDZ04, WC05]. Multi-dimensional
non-ideal [IK00]. non-integrability [HSSA01]. non-integral [AA08, Yao09]. Non-isothermal [TE05]. non-iterative [WRC+04]. non-linear [Bru00a, GFG03, SGT03, NP01b]. Non-Markovian [MV05, FRdS09, JS06]. non-Newtonian [LC00]. non-orthogonal [WP00, ZFO0]. non-oscillatory [KG07, UNK12]. non-overlapping [CLFH07]. non-perturbative [NFS01b]. non-scalar [GF02b]. non-spherical [RSMK+00]. non-staggered [Cha04]. non-trivial [MSD08]. non-uniform [BCD+07, KV08, KH06, NJ01]. non-zero [CSW02]. Nonadiabatic [SK05]. nonautonomous [HL00c]. non-equilibrium [NCH02, iYO1, RMK05, Tod01]. Nonlinear [KDSB04, NYH04, WGY01, AP04, AA08, ASJ+03, AH03, AOT01, AK07, BGH04, BB04b, BGS+04, DWZ05, DDF09, DKV00, EST00, FD03, FGA04, GT01, GKI02, GH01, GCD06, Hon04, bLP02, LL04, pLB03, Liu07a, Liit04, MT01, PCC+09, RE09, RMWH01, SQ03, Wan09b, WW06, qXL04, qX08, qX09, XZ12, Yan02, Yan03c, Yan03d, YRR07, ZLL09, dHV08, Par04]. nonlinear-condensation [ASJ+03]. nonlinear [KLD04]. nonlinearly [YB02a, Yan03a, Yan03b]. Nonlocal [BBBR04]. Nonperturbative [Sav01]. Nonrelativistic [MMR04]. nonspherical [IW02]. nonuniform [Bel05, Eli08, KV07]. Nordsieck [BMC05]. normal [BB07, CRUV00, She08, Var02]. normalization [UCG+05]. Notes [Ano06-29, Ano07-30, Pub07, WYL09, Ano03-43, Ano03-44, Kar01, Koz02, qX09]. Nucleation [SF05]. nucleation [BKB04, DSS01, RGD+01]. nucleon [AIOST03, MNYY00a]. nucleon-nucleon [MNYY00a]. nucleons [Wro08]. nucleosynthesis [PCE+08]. nucleus [VEG08]. nudged [Nak08]. Num [DW01, Rib02]. Null-field [DW01]. Number [DGLB08, LBP+09, ATB+01, DH00, FPB08, KKK06, LC04C04, MI05, OGWH03, Pre00, Sch06a, TYSH05, WL00, WHO02, WH06]. numbers [FH00, HB05, Str05]. Numer [Sea02c]. Numerical [Bre01, Ada04, BGH+09b, KS05, PC08]. Numerical [AA07, AMP+00, AT09, BF04, BS00a, BBD00, BCD+07, BK01, BV00, BFI+00, BD00, CM04, CSCK08, CGM01, CTG01, CvdEF+05, CKA+09, FRdS09, Fat02, Gallow0, GR01, GR02, GHLW03, GBC+04, HL00c, Hoo04, Imm07, I0909, JW02, KKS04, KSH02, Kon01, KM01d, KK06, LDV06, LDG+07, LLT+02, LWL07, LC08b, LC08c, LC00, LC00, LEG02, Liu07a, MDC09, MY020, NRDHB01, PPB+04, PHK02, RVMQ07, SL09, SS07a, SNS01, SJDC07, Sh009, SSS08b, Sol01, SM02, SKR04, Sus01, TMTF00, TAKN02, TKP06, TY01, VW05, Vos06, VW05, Wil09, vdEF+02, AP04, AG05, Asc08,
ASVA00, AKS01, AKS02, BDK+06, BZ00, BH05, BGH+09a, CCGR09, CAI09, CL08b, CRS09, DG08, DKMF03, DGLS09, Don02, Dys02, EST00, FLO06, FJ99, FJ00, Fra02, GME06, Hah05]. numerical
[Hah07, HJZL07, Huj05, HHL06, KKK06, Kau03, KL01, KCH00, KNU00, KA05, KN07b, LVV07, Lee04, LR07, LCLC01, LH03, Li03, LY05, LC07, yMS01, MSS+09, MLF07, Mil06, Mid07, Min01, MA04, MA08, MP01b, MKS07, MP05, Nau04, OCS+08, PAS09, Pis00, PSSK01a, PR06, PSV00, Ram05, RM05b, RS09, SM03, SW09, Shou04, SW00a, SVA03, Sim09, Ska05, Sus01, TKS+01, TQZM08, UK02a, UK02b, Van05a, Van05b, VHL09, WGS00, WGDZ04, WC05, Wan09a, WDB04, Wu10, YWYF09, You05, ZSK+04, Zit09, vDG09]. numerical [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, GGG01, QRR00, Wili09]. Object-Oriented [Bre01, DG08, KLM00, AGV00, Che05, DM07, QRR00]. objective [KV08]. Objectivity [SM01]. Objectivity/AMS [SM01]. objects [HS01b, ICO01]. oblate [KJ07]. Obrechko [CWSH08, DWZS05, WW05, Wan06a, ZWD05]. observable [GG03]. observables [BD06, HHH+09, Mah09b, Mah09a]. obstacles [DEW00]. obtained [Ano04b, GZF04, Tam03, TN01]. obtaining [KK06, MYL+08]. occurring [FK00]. ocean [NN06]. octopus [MCBR03]. ODE [WDHE04]. ODEs [CTR00, IVD03, MT01]. ODPEVP [CGVA09b]. Oedometric [OML09]. Off [KK05, CHM00, JC08a, KY07, Ma01, MP05, SBC08]. off-centered [MP05]. Off-lattice [KK05]. off-line [Mar01]. off-shell [CHM00]. offline [FFPW01]. offs [Oli01]. OK1 [OSK04]. OK2 [OSK04]. oligonucleotides [BS02]. OMEGA [LANM+01]. on-shell [KM00a, KM01b]. ON-SHELL2 [FK00]. One [BD02, Ker02, LKPH08, AI0303, BS00a, BGA+09a, CTO01, De 02, Dev05, Eli05, GF02b, Har02, HJZL07, Inu07, KKK06, LHC01, LHC02, LSL07, MSD08, NN09, Nik03, Ots01, Ram05, RM05b, SW09, SGF03, SBD+06, SM02, TN+07, WGDZ04, WC05, Wan06a, Yos03, Yos07, Zak06]. one- [HJZL07, Nik03]. One-Dimensional [Ker02, LKPH08, CTO01, Eli05, Har02, Inu07, LHC01, LHC02, LSL07, MSD08, Ots01, Ram05, RM05b, SW09, TN+07, WGDZ04, WC05, Zak06]. one-gluon [KK06]. One-loop [BD02, BGA+09a, NN09]. one-nucleon [AI0303]. one-parameter [De 02]. one-particle [Dev05, GF02b]. one-photons [BS00a]. one-step [WC05, Wan06a]. ONETEP [HHM+09]. onia [DGSL09]. Onion [ML03]. Onion-Peeling [ML03]. online [EFG+00, Gre07]. onto [Rob01]. open [AdIT03, ABNA05, Bae04, EHHH06, ISSB01, JP09, MSB09]. OpenDX [SC04]. opening [BJ02, Del03]. OpenMP [CC00, Goe02, MG05]. OpenMP/MPI [MG05]. operations [AA00, AA01b, Ixa01, RF07]. Operator [FLO06, BFLW07, CvdEF+05, Cun09, CKA+09, CA07, EG09,
GL02, GLP03, MK08, MM01, Ram10, vdEFL02. operator-splitting [GLP03]. operator-variational [MM01]. operators [GF02b, SFSL09]. Opportunities [Gun02]. OPT [RMM02]. optical [ADS06, BB04b, CIC03, CC09, CFJ09, GCD06, HTNFL06a, HTNFL06b, MSB09, MTZ00, MBC09, NRDHB01, NY08, PCA07, QCM03, RG05, TNBSF04, Wes07, Whi00, YC07]. optical-properties [MSB09]. optics [SWS12, Tó08, FWP01]. Optimal [CJT06, GJT03, LFT03, SA09, NHS07, ZSD08]. optimisation [BBBD06]. optimised [ASH06]. Optimization [BJ05b, Goe02, SWC03, BMG01, Elb05, FEHC01, Iwa01, KPD06, KFJ09, KF03, LPC00, MTJ02, OS04, PDL04, PL05, PAT09, TLP04, TL06b, TL08a, VPP12, WHCL07, WJW09, ZS03, ZS07, ZSD08, ZS08, Zin05]. optimize [LNV09]. Optimized [BDM09, OMF02, Sch06b, SK08, FMN01, KT04, Van05a, WK02]. Optimizing [BH03, CW01, dS03]. Optimum [OD08, WMNS09]. options [TL04]. opto-electronic [GCD06]. Orbit [BDBV12, Dev05, TEP00]. Orbit-based [BDBV12]. orbital [HLC08, KH09, Sim08, TKN08]. orbital-dependent [TKN08]. orbital-free [HLC08]. orbitals [BGH09b, FGMT02, RF05b, ZF00]. orbits [PKP02, VP01]. ORCO [SMSE03]. Order [GBTM07, SR09, WYX09, ACK05, AKZ00, BB04a, Blü00, CFMR08, CM02a, CBBJ02, CJK09, DR09, FMG00, HBMJ05, IVD03, JH09a, JPS01b, Kol09, LNV04, LRI06, LJ09a, LA09, MVJ09, MA04, MA08, MKS07, Poi08, Poi09, ISX05, SS00, SLMS06, Sim00, SVA01, Sim08, TB85, TB87, Tho04a, Tho04b, TK08, Van05a, Van06, WGDZ04, WHJ06, WYL09, ZWD05, vH06, vH07]. Order- [GBTM07]. order-parameter [HBMJ05]. ordered [NFS02]. ordering [JPS09, NG02]. Ordinary [IHAR09, Ram05]. organic [HTL03, MSY07]. organisation [SAU04]. organization [NYH04, Ort00, RDS02b]. organize [Ort00]. organized [SOS01]. orientable [Huj05]. orientation [CGC09, CFJ09, WMNS09]. orientation-specific [CGC09]. orientationally [NFS02]. Oriented [Bre01, AGV00, Che05, DG08, DM07, FFS01, GGQ01, KLM00, QRH00, Wil09]. origin [Riz02]. origins [CT00]. ORNL [KN07a]. ORNL-mathematical [KN07a]. orthogonal [KK01, KTT02, WP00, ZF00]. orthogonal-dimer [XK01]. Orthogonalising [IBM03]. Oscar [Ano04c]. oscillating [CM02b, DCC08, FAS09]. oscillation [HLW05, HKL07b, Ida02, NFS02, Wei02a]. oscillation-free [Ida02]. oscillations [BD06, Dan05a, Dan05b, DS06, Dan07]. oscillator [DD00, DO04, DO05, DSC09, EKW09, GME06, HL08b, HB05, MAM04, MAM07, SOY01, SDNR05, You09]. oscillators [DDFI09, Fra02, TY01, Van05b, WYL09, Wu10, WYF09, YT01b]. Oscillatory [BZ00, AA00, AA01b, FBB01, Fra07b, HSSA01, Ixa01, IP01, Kim03, KSHP02, KCH00, KG07, Sa00, UNK12, Van05c, WYX09]. Other [BOPC05, BC07]. OTI [Elm09]. out-of-core [BVY05]. output
overdamped [Gen01]. overlap [BFLW07, CvdEF+05, Cun09, CKA+09, CKLS09, GGL03, Jan05, KALC08, vdEFL+02]. overlapping [BM02b, BDH+05, CvdEF+05, Cun09, CKA+09, CKLS09, GGL03, Jan05, KALC08, vdEFL+02]. oxide [HSSA01, LY05, LC08b, RJCH00]. oxides [KKKC07]. oxygen [LN01].

P [Kar01, Eas08, SW00a, WW05, Wan05b]. P-stable [SW00a, WW05, Wan05b]. Package [KS04b, Pog05, AF05, AAG+04, AGM+00, BS06a, BC07, BB09a, BS06b, dSB00, BBJ+08, BBF+09, BBH+05, CCG+09, CKS05, Che07, Dem03, Dem06, DGLS09, EHH01, EHH06, Fer07a, FK00, Fri01, Fro00, FTGG07, GKI02, Gao03, GKI04, GDC01, GKR07, GHIL09, HKM+07, HTNFB06a, HTNFB06b, HM06b, HHL06, Isa02, JHFG07, KP00, KSYE00, KSB4, KSO8, KF05b, KVR+00, bLP02, LL04, LAMH06, pLB03, LRR+09, Lor08, LL00, MP04, MGP07, MGY08, MSB09, MP03, Mil06, Mil07, NFH06, Nik03, PFG06b, PZW+00, PTL04, Por00, QxW07, RMM02, SMB09b, SMB2, Sem09, SLM09, Ste01, SC04, Tot08, Wan01, WCH09, dRL09, vH06, vH07]. packages [BCV03, GKP+06, KPD06]. Packet [KRTZ02, BS04b, LJ01, Mei01, Sal03, ZWY04]. packets [Bow02]. packing [HSJ02, YZD+07]. Padé [FH04]. Padé-approximants [FH04]. pages [Hoo04]. Painlevé [XO3, qXbL04, qX08, qX09, ZLL09]. pair [AAC+06, BBC+01b, JWW00a, JPS+01a, JPS+01b, KOL3, KFI+01, Van05b]. pair-production [KFI+01]. PALP [KS04b]. PANMIN [TL04], PANN, PAP [MNYY00a]. Papers [BDL00, Aok01]. PAPH [MNYY00b]. parabolic [BV00, Fat02]. paradigm [HHWH07]. paradigms [TYS+00]. ParaGauss [MMR04]. Parallel [ATB+01, BSDMH05, BMG01, BSK+03, BVKW02, CR00, CW00, CC00, DN04, EVL00, Go00, HC00, HL00b, He00, JCGJ08, JRT00, LBP+09, L08, M03, OPB+09, Q01, RP02, RJCH00, TF04, TE00, U03, W00, WM00, WTW04, WH05, WH06, ZE00, Z08, ABC+03, ABER00, ADBF03, AEB02, B01, BCR05, BCD06, BOG+07, BMS+09, BB00, BTK+02, BJ03, CSS+03, Cha00, CGIA07, CLL+07, CMT00, CMT01, DMD+07, Dec07, DPB01, Di 01, DUX+09, Dup01, E05, EK09, FMD07, FDM07, F08, FK03, FEH01, FMIN, GB07, GB03, HSGPK08, HCH+06, ICT01, JAT03, Jen00, JG09, KCC+00, KAB+00, KLB04, KMO1c, KBG00, LCB+00, LPC+00, LCS07, LSG09, LR07, LLS01, Li03, LC01a, LL00, MOM+00, MC08, Mei01, MB04, MT00, Nak07, Nak08, NJ00, NKNV08, OLS+01, OSM+02, OCK+03]. parallel [OK06a, OK06b, OD07, ODC02, PHF+07, PSP+03, QRH00, Rap06, Re00, RJFB08, SG00a, SM04, SM06a, SMB09a, iSAK+08, SK01, SKN05, SWC+03, SBB03, SNBB02, TJ09, TRGR08, Tk03, TCY+08, TG00, TC06, TL04, T06, ULA+02, VCP09, VHL09, WC00, WHO02, XON08, Yo01, Zha08, SVMT00]. parallelism [SPM00, TYS+00]. Parallelizable [CA07, Xia01]. Parallelization [CMF00, FKG00, RGR+04, SLWH02, WJW09, BS06a, Gao03, Goe02, MGG05].
parallelized [WHL+07]. PARAMESH [MOM+00]. Parameter
[RPY07, AS03, Bre05, CNFR01, CGVA09b, De 02, DSHH05, HBMJ05, KKK06, KMH02, PS09, SZ00c, YM03]. Parameterization [AGM+00].
parameters [Bar03, BDW06, FGA04, GMAN+07, GKM+00, HG02b, HM06b, HM08, IF03, LFT03, LANM+01, MS08b, NY06, WV04, qX08].
parametric [CGVA09b, CBMS08]. parametrization [GSF06].
parametrization [VCCS05]. Parametrizations [RF08]. paraxial [AT09].
parentage [Dev05, DJ08]. parity [ACIZ07, GLL+02]. parity-violating [GLL+02]. Parrinello [CCFG05]. Part
[HTM01, Ida00, PSK01a, PSK01b, THM01]. PArthENoPE [PCE+08].
Partial [Hoo04, MNYY00a, MNYY00b, FMG00, KS07, MTC07, SJP05, VBC07, qXL04, YZW02]. Partial-wave [MNYY00a, MNYY00b, SJP05].
partially [BSTC05, LB04, Sle00]. Particle [BTS06, CPS00, CH09, KCR07, iSAK+08, SWFL00, ZM00, ZLM04, ABRS12, BDYK04, BDV04, Che05, CY01, DC03, DDMM06, Dec07, Dev05, DJ08, DKM07, DEW01, EL04, FMD07, Fod05, FS08, GFF01, GF02b, GPW04, HKLY07, JH09a, JJHvO03, JS08, KLD04, LC01a, yMS01, MY00b, Man04, Mcl05, MAM04, MAM07, MK09, NT05, NVK03, OD07, PCC01, PSP+03, Poi08, Poi09, Pop03, Por03, RoV02, SL01, SSB03, SS02b, SS05, TFM09, TC06, TE05, TM09, UOM01, UOTM03, VPC04, VKPB09, VBDF01, WTH+04, WGL06, WRMG05, Esi01, KPL07, TCY+08, TDD04, VAH04, VCF+04, WJW09].
particle-based [MY00b]. particle-continuum [VPC04]. Particle-In-Cell [CH09, BDYK04, Dec07, EL04, FS08, HKLY07, JH09a, KLD04, LC01a, PSP+03, Poi08, Poi09, SSS01, UOTM03, VPC04, Esi01, KPL07, TCY+08, TDD04, VAH04, VCF+04, WJW09]. Particle-In-Cell/Monte [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, YZD+07]. particular [AKZ00]. particulate [BC00]. partition [JK02]. Partitioning [SSB03].
Partition [KSS06, SR09, ABB+09, BBB+09a, CPW09, CS02, Su05, VOG05, Wei02b, KKS01]. Paschen [LSL07]. past [Ano02a]. Path
[CC08, GOG00, MI05, SVMT00, KM05, Krö05, MG09a, RDFF02, ZE00, vE08]. Path-Integral [SVMT00, MI05, KM05]. Pathfinder [Nak07]. paths [Pet04].
Pattern [OGG07, Yan03a]. patterns
[BBC+01a, CLFH07, DGG08, Gro01, YB02a, Par04]. Paul [Wan00]. Pauli
[ZF00]. PAW [HTM01, THM01]. Pb [BNS07]. PC
[FKP03, LC01a, iSAK+08]. PC-based [FKP03]. PCs [Tak03]. PDE
[FS00, KHH02, XCO3]. PDEs
[BBBD06, LJ08, LHM01, FMG07, qX08, qX09, ZLL09]. PDSW [VS06].
Peaceman [Mah08a]. peak [CC09]. pedestrian [HHS07]. Peeling [ML03].
Pegasus [Vog05]. pellet [BDB+08, SJC04]. penalized [Lor08]. Penning
[CBKM01, CKV04]. peptide [KFP03]. peptides [LCP+00]. perception
[Man02]. percolating [MDS09]. percolation [HCK00, NL09, Sat02]. Performance
performing [CGC09, KFJ09, SGL09]. peridynamics [PLPS08].

Periodic [MNV00, AJT07, ASVA00, AK07, CY01, DWZS05, Do01, FSW08, FBB01, HL00c, LÁT04, PKP02, SVA01, SSLN02, TH01, VP01, WW05, Wan05b, Wan06b, Yan02, YT01a]. peristaltic [SGK09]. permanent [DC00, FM03]. permanental [HLB06]. permanents [LB04]. Permutation [RLH09]. Permutation-reduced [RLH09]. persistency [ISSC01].

personal [Cip07, Cip08, Hib01]. perspective [Haf07]. perspectives [EL04]. PERSYS [Riz02]. Permutation-reduced [RLH09]. persistency [ISSC01].

Perturbative [SR09, CS02, HS03, NFS01b]. perturbed [Fra02, Van05b, WYL09, Wu10, WYW09]. petabyte [Ano09t]. PetaFlops [Att09]. PETAG01 [BDB08]. petawatt [KDSB04]. petter [Hoo04]. Petviashvili [LL08]. pH [CCD07]. ph/0411186 [AAB07]. PHANTOM [BBB09a]. phantoms [KN07a]. Phase [Bur02, HBW05, KEM01, KS01, NT05, NW02b, Ots01, PRSB08, Ple02, SSLN02, Tat07, TL09, VMMB02, AGJ07, Bae03, Bar03, Bin02, BMH07*09, BD08, CSCK08, CBBJ02, DK08, DC05b, FHR05, GHPS04, JKH02, JS05, JBS08, KHM00, KM01b, Kim07, KK01, KIT00, KK05, LJ01, Lin07a, LDZ08, LA09, MCH02, MBG03, MSS09, MSK05, Mor01, Pap01, PAS09, PP02, Pur02, RP02, RLH09, SWL09, SI01, SW00b, TMTF00, Tsa02, Van05c, YGT02, YK09, Elm09]. Phase-field [NW02b]. phase-fitted [PAS09]. phase-lag [Van05c]. PHASE-OTI [Elm09]. phase-separating [Pur02]. phase-space [DC05b, GHPS04, Pap01]. PHASECALC [Bar03]. phases [KPS01, MVS05, RCG05]. PHEGAS [Pap01, CPW09]. phenomena [ABOSP09, All05, BJ08, BL00, BMML05, DDM05, DDDM06, GH01, IN09, MPK00, MY01, Mü05, MKM02, PFC05, SAG02]. phenomenology [GHIL09, LPC04, LCE09]. PHON [All09]. Phonon [HKK01, Yos03, Yos07]. Phonon-band [HKK01]. phononic [SSP05]. phonons [All09, Sr01]. phoretic [KH06]. phosphodiesteric [BSB02]. phospholipids [EL06]. phosphonate [BSB02], phosphorus [Mor01].

Photo [MSH01, Ano07f, Ano08d]. Photo-induced [MSH01]. photoabsorption [GCP02]. Photoelectron [Veg04, GS00, Jia08]. Photofragment [ML03]. photodromic [MER00]. photoinduced [N09]. photon [BS00a, BV02, CGK00, EST00, GH05, KTF01, N03, VS06]. photonic [SHX02, SYM00, WP00]. photons [DDM07, LLY07]. photos [GKP06, GKP06]. Phys [AA01b, AAB07, CSC08, CGG09, CGVA09]. DVL04, Hon04, Ida03a, Iza01, JKW06, KS08, LPR04, MSPH020, Nat10, Poe09, Ras17, Th04a, Th04b, TND05, TIM08, Voi03, WA07, Yos07].

Physical [Mey02, Mel01, WSBO04, Yeo02]. physically [RGR04]. physically-based [RGR04]. Physics [An002]. Ano02k, Ano02l, Ano02m, Ano02n, Ano02o, Ano03i, Ano03j, Ano03k, Ano03l, Ano03m, Ano03n, Ano03o, Ano03p, Ano03q, Ano03r, Ano03s, Ano03t, Ano03u, Ano03v, Ano03w, Ano03x, Ano03y, Ano03z, Ano03z,
Ano03-27, Ano03-28, Ano04m, Ano04o, 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, Ano05k, Ano05l, Ano05m, Ano05n, Ano05o, Ano05p, Ano05q, Ano05r, Ano05s, Ano05t, Ano05u, Ano05v, Ano05w, Ano05x, Ano05y, Ano05-27, Ano05-28, Ano05-29, Ano05-30, Ano05-31, Ano05-32, Ano05-33, Ano06b, Ano06c, Ano07b, Ano07c, Ano07d, Ano07e, Ano08b, Ano08c, Ano09c, Ano09d, Ano09b, BBC +01a, BDL00, DH01, FNR +07, FGV01]. Physics [Fij00, GDAG05a, KM01b, Lan07, MOS01, New07, Ram10, SM06a, TS08, Wu10, ABM03, ASJ +03, Ano04b, Att09, BvG02, Bor07, Bra05, CRS01, CMR01, Cra01, Esq02, FS00, Fod05, GT01, GGL +02, GPW04, Gou00, Gre04, GMO03, HF00, HS01b, JS08, KB02, Kud09, LVV09, LL07, Mah09b, Mah09a, MT01, MSK +02, Nov02, OLX07, Pin01, RM05a, Rin02, Sak07, SEF +01, SAC +02, Suz00, Swe02, SC04, TA00a, TA00b, Tho01, Yan03c, BMS +09]. Physics/scale [BMS +09], PhysicsGP [CB05], physiological [ZS07, ZS08]. PIC [AH03, CSC +04, DN04, DBR +02, JBA +07, LSL07, LKPH08, MIM +07, SLL01, SG04b, WCG04, WHL +07, YRR07]. PIC-DSMC [CSC +04], PIC-FEM [WHL +07], PIC-hydrodynamic [LKPH08]. PIC-MCC [LSL07, MIM +07]. Picket [Ram04, Dem03, IH09, IHar09, ZA01]. Piecewise [Ram04, Dem03, IH09, IHar09]. Picketheoremoelastic [Mel01]. Pilot [AAKL07]. PIMC [Mus02a]. PIMD [Mus02a], pinch [Pet04, RG04]. Pitches [SBL +04]. Pioneering [Ano04b]. Pipe [QR01, QG04]. Pipeline [SIE04]. Pipes [DM09]. Pitaevski [CF00]. Pitaevskii [DC07, MA09, TQZM08, TS06]. Pitchfork [Bal01]. Pitfall [Nap09]. Pits [NY06]. Pixel [QTMH07]. Planar [MTD03, Var02, YKK07]. Planck [ABS04, CBKM01, KA04, yMS01]. Plane [ADDdM07, BK05a, BVKW02, CR05, DEW01, GSS06, GB03, HTA08, MMB02, MSHP02, MSHP20, THM01, VKM +05]. Planewave [CR05, MSHP02, MSHP20]. Planes [MS05b]. Planewave [ADS06]. Plans [McK07]. Plaquette [Voi02, Voi03]. Plasma [MSY07, MIM +07, Ano04b, BBBR04, Br07, CHL +07, CLL +07, CH09, Del03, DBE +04, DUX +09, Gre04, HYY07, HKPL07, HJZL07, HL05, HHWH07, ISS +02, IDS +04, IL07, JKCGJ08, JTS +06, KPL07, KKS04, KCR07, KV07, Kon01, KTG04a, KTG04b, KZS +00, KDSB04, KT07, Lee04, LKPH08, Lnu07b, LS05, LCO1a, MV04, MCL05, OLX07, PHKL02, Pin01, PSK01a, PSK01b, RLR06, Ram10, SBM +04, SOG04, SOAW08, SHJ07, SSB04, SZ04, SBFM04, STK +00, TLCS04, TAM04, UXD +09, VA04, VCF +04, VBF01, VSBD00, WSB04, WML +05, WRC +04, Yan09, YRR07, ZSK +04]. Plasma-edge [SBM +04]. Plasma-wall [HYY07, KT07, MV04, SZ04]. Plasma-wave [MCL05]. Plasmakin [Pin01]. Plasmas [ATIO06, ATF +09, ABS04, ASC +05, BF04, BDBV12, DGV08, GPF00, GBB07, GH01, HD04, HOI04, HW09, KY07, KA04, KMR +09, KSSH04, LLY07, yMS01, Mah08a, Man04, NYH04, PPP01, PCV06, SV01, SG01,
TPBE04, TKP06, TDD04. \textit{plasmastatics} [Bru00b]. \textit{plasmoid} [SKRK04]. plastic [SM06b]. \textit{plastically} [Cle05]. plate [Var02]. platform [AAKL07, BAD01, Far01, KKHL07]. \textit{platforms} [CR00]. \textit{Plato} [KH09]. PLD [SM06b]. PLNoise [Mil06, Mil07]. \textit{plotting} [NY06]. \textit{plugin} [BBB09]. \textit{plume} [CSC04, KTG04b]. \textit{plume-to-spacecraft} [KTG04b]. PLUMED [BBB09]. plus [AIOST03, HSGBK08, LMP09]. \textit{PMCD} [MP03]. PML [VAH04]. PMS [CFH01]. Podolsky [DDM07]. Point [KBG00, Tor00, AGJJ07, BCV03, DS04, HDG07, MPR05, NN09, RF05b, RF06b, Str00, TNI07, TMN01]. Point-centered [KBG00]. points [FBB01, HP02, KSS02, She08]. Poisson [KH01, AS00, Con04, DHB04, Dys02, Eli05, HCH06, LdVJ06, Li03, LY05, MS05a, NT04, NJ01, QR01, QG04, TYPV03, XON08, Zie04]. polar [GVMW04, SGL09]. polarisabilities [QL05]. \textit{polarizable} [DDD01, SLBG09]. \textit{polarization} [MPR05, YvG05]. \textit{polarization} [AS00, Con04, DHB04, Dys02, Eli05, HCH06, LdVJ06, Li03, LY05, MS05a, NT04, NJ01, QR01, QG04, TYPV03, XON08, Zie04]. poly[GG00, SWY01, YW00]. \textit{polyelectrolytes} [LH02]. polyethylene [FAiTD01, Ryc05]. \textit{polylogarithms} [GR01, GR02, Ma^06, VW05]. polymer [BMML05, CW01, FS01b, FS02, KMB02, KSEG05, LS02, LOY07, LS09, MB05a, Mi02, MPS09, PRSB08, ULA02, WBC07]. \textit{polymers} [BLS09a, CCFG05, CNDC09, CCRA05, DCNDC09, GGL02, LC07, TiTD01, Thet05, VYK02, vdHB02]. polynomial [ASF05, KTL05, KTT02, PSH06, UCG05, UNK12, Vak00b]. polynomials [HLB06, KT04, Str00]. \textit{polystyrene} [LM02b]. polytope [vHK00]. Polytopes [KS04b]. Ponwig [CF02]. Poor [CFH01, LH02]. PopRatio [SV01]. population [VPP12]. population-based [VPP12]. populations [SV01]. pores [BDHP08, DN05]. porous [BBD00, JOS07, NSYZ02, PPM04]. portable [BBB09, GDC01, LL00, OCK03, Re00, SKNV04]. portal [BLCR05]. Porting [EL04]. Posschl [MS08b]. \textit{posed} [RMWH01]. positive [FM03, LPC04, SJ05, Sea02a]. positron [BPP01, SMB09b, WCBN05]. positrons [SJ05]. \textit{possessing} [PSK01]. possibilities [Mck07]. possible [TIM07, TIM08, Var02, Vul03]. post [Pue06]. post-Newtonian [Pue06]. postprocess [BC07]. postprocessing [LB09]. \textit{potassium} [KACB07, YN05b]. potential [AP00, ATP01, AD06, BFIW07, CCB02, CGG08, CGG09, CW01, DVL02, DVL04, FAITD01, HG02b, Hin00, IK00, LRI06, LPC00, LF02b, MS08b, MAM04, MAM07, OS03, PJK00, PAT09, Riz02, SN07, SG04b, TAP01, TT06, TYS05, WL00, XSC09, Zak06]. \textit{potentials} [AP00, ASH06, AMP00, BVY05, CW00, FHR05, HSS08, IBM03, KM08b, MBG03, NW02a, ON08, OPO08, PS08, SZ00a, Sea02a, SSL02, TKN08, Val05, Vie01]. POTLIB [CGG09, CGG08]. POTLIB
Potts

[BBJS09, BK802a, BK802b, CBJ02, CGIA07, HJ02, KSS02, TL09, dO09].

power [Mil06, Mil07, NV09, RDSS1a]. power-law [Mil06, Mil07]. pp
[Pan00]. PPA [Tkk+06], PPA_A4b [TSA+03]. Practical [FJC+05], pre
[An01n, Elm09], pre-attentive [An01n]. pre-equilibrium [Elm09].

Precise [Mic07, PR06, TI01, Bru00a, CCGR09, HTNFB06a, HTNFB06b, KF05a, SW09, Zak06]. Precision
[CCG08, BBD09, FS01a, HDG07, JWW00b, KS05, LMC+03, TNBSF04].

preconditioned [GHP01, Lus05, Xia01]. preconditioner [HZGZ09].

preconditioners [CHS09, SBD06]. preconditioning [ADG08, GH00, JSW06].

predator [TRAdO09]. predator-prey
[TRAdO09]. predict [Gha05]. Prediction
[TiTD01, BK05c, GOH06, HCH+06, KPF03, SvAS01].

predict [Gha05]. predictions [BL00, Bre05, CSC+07, CSC+08, GPW04, Oka01]. Predictive [NK07].

Preface [An00-27, An01-30, An04-47, AEK02, BDL00, FMP05, Gia02, GCI01, KL07b, LF02a, MG08a, PR01]. preliminary [BK01].

Preliminary [DDdMS02]. preparation [Cap05]. presence [KDSB04]. present [An02a].

Preface [An00-27, An01-30, An04-47, AEK02, BDL00, FMP05, Gia02, GCI01, KL07b, LF02a, MG08a, PR01]. preliminary [BK01].

presentation [An04a]. preserving [CLR08, HLC06, LB04]. pressure
[BBD00, CS07, CHM+09, HTA08, HJZL07, IL07, LHS+09, Lei02, LDZ+08, MLG+01, MC09, Mor01, NV09, PDM+08, QQ05, Var02].

problem-dependent [MLG+01]. pressures [BNS07, KRTZ02]. prey
[TRAdO09]. primordial [PEC+08]. principal [HB05]. principle
[RG05, Tsa02]. principles [AJT+07, An09a, CR05, CM09a, CTI07, EY07, FG04, GBTM07, Har01, KKKC07, LN01, LDZ+08, MCBR03, MKS+05, Mor01, NKL05, WKP+01, WC00, dSDW08, vHMP+02]. priori
[DVG05, TIM07, TIM08]. Prize [An04-56, An04-57, An04b]. PRMAT
[SNBB02]. Probability
[Lik01, Man04, BH08, FPB08, FFD00, RF08, Sev00, SSZ01]. probe
[CS07, NKS01]. problem [AMP+00, Bae03, Bal07, BD08, BL00, BV00, Bru00a, CRU00, CGVA09b, FG03, GHP01, HBW05, Huj05, JCS07, JS08, KNU00, KZS+00, LVV07, LC00, Man02, MIR04, MNH01, MP01b, SHV01, SZ00b, She08, SGM+09, TNI+07, VBFM05, Wan06b, WWF08].

problem-orientable [Huj05]. Problems
[ICH09, ASJ+03, ASVA00, AKB01, BJO05, BKM02, CKFM01, CL03, DSH03, DTHL09, FS00, FBL00, Fra07b, HCK00, Huk02, KSTL03, LVV09, LMC+03, LHC09, LJO9a, MTO1, MV09, MLF07, OS00a, PAS09, Ram04, Ram05, RM05a, RMWH01, SVA01, SVA03, Sim08, Van05c, Var08, WW05, Wan05b, Wen01, WDHE04, Zim02, Zim05, dA08]. procedure
[Fat02, IF03, LVV07, MS05, MC09, PRRD09, Tan03]. procedures
[FIB01, FIT03, Fr09, GFF01, GF02a, GSF05, IF01, PFG06a, TLP04].

Processing [LSVMW08, ASG07, BB+01, CDD08, CR00, DDMM06, Di 01,
EFG°00, FEHC01, MIM°07, Rap06]. processor
[CGK°00, De 07, MBKJ09, PKB°01, REAB09, SHT08, vDGM°09]. processors [BOG°07, CR05, Far01, Oli01, ULA°02, ZA01].

PROCRUSTES [Pue06]. produced [GFP00, HD04]. product
[CGK°00, De 07, MBKJ09, PKB°01, REAB09, SHT08, vDGM°09]. processors [BOG°07, CR05, Far01, Oli01, ULA°02, ZA01].

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, Ano05-53, Ano06-28, BB09a, BJS00, BB09b, GFG01, GLHW01, KW08, APV00, AP04, Adl03, All09, All02, AOT01, AJ08, AC05b, ASS°02, AAC°06, Bar04, BBC°01b, BS03, BDW06, BBPS02, BBPS07a, BBPS07b, BCP04, BD05, BCG03, BDB°08, BGH°09a, BRdAHK04a, BBJW05, BM04, BKM05, BOPC05, BD06, CGCR09, CP00, CGG00, CD01a, Cha07, CRUV00, CGA°07, CGVA08, CGG°08, CGG°09, CGVA09a, CGVA09b, CS02, Cip07, Cip08, Con04]. program [DS06, Dan07, Dan09a, Dan09b, DDM07, DDRW03, Dev05, DJ08, DD00, DO04, DSC°09, DSS01, Dra01, Dy09, EAO1, EAÜ05, EHO6, Fee08, FT08, FBL00, FFD00, FFG02, GFG°06, GSM°03, GS01b, Gro01, GG03, GNZ°09, HHH°09, HS03, HC08, HHW00, HLC08, HB05, Hor09, IW01, IW02, JWW00a, JPS°01b, JKS08, JG08, JG09, JCO1, KTT09, KS84, KS08, Kol03, KJ04, Kol09, Kon02, Mah08b, Mah09a, MCLDP01, MFF°05, MR06, MW01, MMR04, MSK°05, MPK00, MFV07, MS09, NY06, NY08, OK06a, dIRB09, PS08, PKRK07, Pit05, PAT°09, Por03, Ref00, RSD01, Riz02, Sar00, SV01, SCM00, SGL09, SYM00, Ste01, SDNR05, SJF07, SNBB02, TKB°04, TV07, TS06, TNSSF04, TNCGO0, Tót08, UCX°05, VCC05, VS06, WGD04, WP00, WW06, ZF00]. program
[ZDKG05, CGG°09, CGVA09a]. programmable [KPD06]. Programming
[CB05, LL07, TS08, BDK°06, BSO°04, Chr00, Iwa01, MRF°05, Niu00, SHH°04, WMK09, ZA01, Hoo04]. Programs
[BRD04, FH04, BC07, JKW00, JK06, MA09, PSW00, Ver00]. Progress
[DSL09, OS00a, NP01a]. Project
[BC04, Yos00, CFH°01, BHNW01, G101, Mak01]. projection
[DTHL09, MI05, Rob01, SFSL09]. projector
[BVK02, FM00, HTM01, THM01]. projectors [RGD°01]. prolate
[Hua09, KJ07, LKC06]. prolates [LB09]. Prompt
[Teh01, VT00a]. proof
[BL01]. proof-of-concept [BL01]. propagating [Mah08a]. propagation
[BS04b, BB04, EM08, FW01, HGH°05, HHZH07, 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 [MMM00]. properties [ADS06, Ano09a, BM01, CIC+03, CTSZ07, Dup01, FKMB09, GZDA01, JRT00, KMD+02, Kar02, KFB01, Lee04, LH02, MSB09, NKS05, PMH08, PJSK08, RG05, RS09, SG00a, SM04, SM06a, SBM09a, SGK09, TITD01, TY01, Vic01, WGN01, YC07]. property [CTI07]. proposal [Bre05].
protease [CRPC08]. Protein [DLZ08, Oka01, iTKST01, DELG05, Elb05, ISH01, LV08, MMEH08, NSE02, SSA07, SHH+04, WMNS09, WL08].
Protein-DNA [DLZ08]. protein-g [ISH01]. protease [CRPC08].
Protein [DLZ08, Oka01, iTKST01, DELG05, Elb05, ISH01, LV08, MMEH08, NSE02, SSA07, SHH+04, WMNS09, WL08].
Protein-DNA [DLZ08]. protein-g [ISH01].
proteins [BDH+02, DC05a, EHHH01, EHHH06, LPC+00, MMEH08, SBJ05]. protocols [RDSS01b]. proton [CRS05]. protonated [GF02c]. pseudo [CCBL02, CMK+03, EVL00, HDG07, IBM03, KV09, ON08, PL05, Bru04]. pseudo-arclength [KV09]. pseudo-dynamics [PL05]. pseudo-fermions [CMK+03]. pseudo-potentials [IBM03, ON08]. pseudo-spectral [CCBL02, EVL00, HDG07]. pseudobinary [Bar03]. pseudopotentials [HP06]. pseudorandom [DH00]. Pseudospectral [LKC06, ABOSPG09, ICT01, NJ01, YZW02]. Pt [PLL07]. Public [PCE+08].
Publisher [Ano01-39, Ano03-43, Ano03-44, Ano06-29, Ano07-29, Ano07-30, Ohl04, Pub07]. publishing [GDC01]. pulse [Gha05, KDSB04]. pulsed [CM02b, KH107]. pulses [BBBR04, BDV04, HW09, KS04a, Kur02, NY07]. PUPIL [THC+07]. Pure [GF02b, CM02b, GFG01, Nap09]. purpose [ASS+02, CPT+01, FS00, FW01, Jad00, Jad03, Mak01, OK06a, iSH+08, SMS+00, SHI02, SHH+04, SIE04]. Pushing [Sor02]. PWBA [Cip07, Cip08, Cip09]. pwpaw [THM01]. PWT [KT07]. pyramidal [WHJ06]. pyroelastic [COE+05]. PYTHIA [KRW03, SMS08, SS02a, BLS01, SEF+01]. Python [Bor07, MMEH08, Nil07b, Nil07a].
Q [FKG00]. Q-Chem [FKG00]. Q2R [Sta00]. QCD
[All01, BR01, CC04, CAF+03, CvdEF+05, CKA+09, DS04, Dir09, EFH+07, FK03, FJC+05, FH+01, GL02, GHLW03, GH00, HS03, H+HM09, JS06, JPS+09, JU09, KKK06, KSS02, L+04, L+05, M+07, OS04, Vog05, Yos01]. QCD- [Vog05]. QCDd [vdEFL+02]. QCDINS [RS00]. QCDOC [FMD07, FDM07]. QCMPPI [TJD09]. QDENSITY [JB06, JDBT09]. QM [GS+03]. QM/MM [GS+03]. QMC [FM00]. Qprop [BK06a]. QQ [DGSL09]. Quadratic [Zah05, LLY07, ZA01]. Quadrature [Kim03, AA01a, AAP03, FKAM05, Hin00, IP01, KTT09, KD09, MKK05]. quadratures [Del08]. Quality [FGV01, KMZ05]. Quantification [ISS+02]. Quantitative [HF06]. quantities [Bli04, GFF01, GG03, MS06]. Quantized [SVS01, Har00]. quantizing [Zha01]. Quantum [AGS07, BDT00, Bes02, Bro00, DHD00, DC05b, GPW+09, JDBT06, KK01, KS04a, L01, Nil07b, PMV02, SY01, SHT08, VK09a, Voi02, Voi03, Ycp02, ZKAS05, ABNA05, ABD+05, Bac02, BDLT02, BC05, BTK+02, Bow02, BDM09, BNSY02, CN01, CRPC08, CA09, CHP04, CA07, DDM05, DDM06,.
quantum
quantum-number
quark
quarkonium
quarks
Quarteroni
quartic
quartz
quasi
quasi-bound
quasi-error
quasi-harmonic
Quasi-Monte
quasi-polynomial
quasi-temperature
quasicrystals
quasilinear
quasilinearization
quaternary
quaternionic
qubit
QUBIT4MATLAB
QWalk
R
R-CCSD
R-matrix
R1
R-CCSD
radar
RADCAP
Radial
Radiation
radiative
radioactive
radiography
radiochemical
radiological
radix
ranlip
Rao
Raphson
Raphson/log
random-bond
range
random
ranged
loading
ramification
Ramond
ranlip
Rao
random
random-bose
range
random-bond
random-range
range
ranlip
random
ranlip
ranlip
random
ranlip
random
ranlip
random
ranlip
ranlip
Raphson/log-derivative [Jam00]. Rapid [RB08, ZZ09]. rapidity [JPS+09].
rare [GCP+02, GF02c, NW02a]. rare-gas [GCP+02, GF02c]. ratchets
[Rap02b]. Rate [MLG+01, BGJ+07, BBPS09, EST00, KK00, TSI02, ZS07].
Rate-based [MLG+01]. RATH [bLpL02]. ratio [HS03, QG04, UVLRRC09].
rapid [JPS+09]. rare [GCP+02, GF02c]. rare-gas [GCP+02, GF02c]. ratchets
[RB08, ZZ09]. rapidity [JPS+09]. rare [GCP+02, GF02c]. rare-gas [GCP+02, GF02c]. ratchets
[RB08, ZZ09]. Rate [MLG+01, BGJ+07, BBPS09, EST00, KK00, TSI02, ZS07].
Rate-based [MLG+01]. RATH [bLpL02]. ratio [HS03, QG04, UVLRRC09].
Rational [DR09, SK08, VC08]. ratios [BBJS09, CFJ09]. Ratip
[Fri01, KF05b, NHF06]. Ray [Min01, MKJ+05, NRR01, Pop03, AGM+00, BB07, BSO+04, BG01, KMCS01, LZC+08, Sal03, Vég04]. Rayleigh
[DMR01, DMR02]. Rays [Tol02]. RBF [TWY09]. RBF/Elman [TWY09].
REACh [MS09]. reaction [BS00b, CZC00, CRPC08, CGA+07, CGVA08, CGVA09a, DCJ07, MLG+01, XD08, Vé08]. reaction-diusion
[BS00b, CZC00]. reactions [Ber03b, BG06, BTS05, Elm09, HYY07, SK05, Sri01]. Reactive
[RFK08, Val05, FH00, HSBK08, LCB+00, Lj01, MGG08, MN01, iNKNV08, SCM00, VT00b]. reactor [KPL07]. reactors [STK+00]. ready
[BAD01]. Real [KM08a, MGG08, BMSG01, Bun01a, DM07, FH04, FPB08, HSBK08, HCO00, ICO03, MSHP02, MSHP20,MKM02, OSK+02, SCO00, SKNV01, SKNV05, SMH+01, Teh01, TB87, Th04a]. real-coded
[HCO00, ICO03, SCO00]. real-space [OSK+02, SKNV01, SKNV05]. real-symmetric [Bum01a]. Real-time [KM08a]. realistic
[CYAS05, GCP+02, HK02a, ZKASS05]. reality [TKS+01]. reason
[BNSY02]. reasoning [Vég04]. recall [MHS05]. Recipes [Koc02].
Reciprocity [GPT08, ISSB01]. Recognition [SKH02b, DLZ08]. recall
[Nat08]. recoiling [Wro08]. recombination [PNH00]. reconfigurable
[Fra07a]. reconnection [BH03, EFBP04, FS08, GBC+04, HOI04, UTO09].
reconstructing [BV00]. Reconstruction
[Bat03, BG01, GQ01, 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
[GKJ02, JK04, UC+05, VAl03]. Reduced
[Bac02, NG+04, GF01, GBC+04, RLH+09]. Reduced-dimensionality
[Bac02]. Reducing [HKP02, Bae03]. reduction
[BG+07, Har00, MG09a, MG09b, NP00, Pis00, Wei02a]. redundancy
[Man02]. reevaluation [TSI02]. reference [LRI+06]. Refinement
[KNTG03, PM01, FS08, HCH+06, KK+04, LOL06, MOM+00, Ros04, SJCM04, VAHO4, VCF+04, WTW04, Zie08]. refining [LHS+06]. reflect
[Nur04]. reflectance [SLC09]. Reflection [KV07, Ram10, WP00, Yan09].
reflections [Hib01]. reflective [CLFH07]. regaining [ZSdD+08]. regarding
[Ano04-56, Ano04-57]. regeneration [KL01]. regime
[CMS04, GHLW03, HS03, HW09]. regimes [YM03]. region [MNYY00a]. Regional
[ADE+02, Org01]. registers [RF05a]. regular [BSDMH05].
Regularization [AG05, BK06b, DSHH05, RMWH01]. regularized
[Cai09, DSH02, DSH03]. reinforcement [EM08]. related
[ASVA00, AJS01, Lee04, SVA03]. Relating [SSA07]. relation
[HJM02, KT07, LWY01, MSD08, Sus01]. relations [Blü04, Blü09, QCML03]. Relativistic [KF03, KF05b, OvSA02, AKZ00, AMP+00, AT09, BD08, FFD00, FFG02, GZF04, JHFG07, Kon02, LKPH08, LS01, MMR04, MK05, ON08, PFG06b, She03, TP01, vdHKM08]. relativity [AG05, MG09c, Pue06]. relaxation [FFD00, LNK01, TCF00]. relaxing [Huk02]. RELCI [FFG02]. release [BCKT09, GKP+06]. relevant [WML+05]. Reliability [AA00, AA01a, Reliable [AA00, AA01b, Ixa01, CCRA05], relic [BBPS02, BBPS07a, BBPS07b]. Remarks [Ano04-56, Ano04-57]. remembrance [Ano04-45]. remote [BCKT09, BK06b, DSH02, DSH03, DSHH05, FG01, SEC04b]. removal [Hor09]. Renner [HC08]. renormalization [Alv09, CC04, FLO06, MI05, WN01]. renormalization-group [WN01]. reordering [TC06]. reorthogonalized [BSTC05]. REOS99 [FFD00]. Replica [PLS09]. Replica-exchange [PLS09]. replicas [HS01b]. Reply [AA01b, LH02, WLW04]. represent [FA00]. representation [BDBV12, DBR+02, KKK06, Mas05, SHW01]. representations [De 02, GKR07]. repressor [CDF05]. repressor-DNA [CDF05]. repulsive [DKC08, LMM+08, Sea02a]. required [ADE+02]. research [ADE+02]. residue [Nat08]. Resistive [SG01, Pet04, SPP+04]. Resolution [BW08, ABRS12, BVY05, BADC07, GKM+00, JC01, KKF+04, MMTH04, Ros04, WBBD04, ZDKG05]. resolve [YNK05]. resonance [BvG02, CLL+07, HD04, KS01, LCS07, VT00c]. resonances [BS00a, KBV09, KM00b, MMMM00, SBM09b, TSB+05]. resonant [Sal03, Wan05a]. Resonating [YAS05]. resources [ADE+02, Ano09s, BLM01, CDH+06]. respect [AS03, CGVA09b]. response [AK03, FWP01, Liu07b, NP01b, NM01b, YG09, ZS07, Zha01]. resulting [Im07, VS06]. results [All01, ACC+01, HDG07, Luo00, MCL05, MP05, Yos01, You05]. retarding [SG04b]. retirement [Bur01]. retrieval [OPB+09]. Reverse [OPO+08]. reversibility [ISSB01]. reversible [Sta00]. Review [Bre01, Hoo04, Koc02, Laf03, Par04, Sha04, Vio04, Wan00, Ano00a]. Revised [NFH06, AH03, FFD00]. revision [Ano00z, SM04, SM06a, SBM09a]. revisited [LIR+06]. REVLD [BLS09a]. Reweighting [dSL02, VMMB02]. RF [Elr08, WJW09]. rhad [HS03]. RHD [DPG06]. RHEED [BD06, Dan05a, Dan05b, DS06, Dan07]. RHEEDGr [Dan09a]. rheological [DGR09, TtTD01]. rheology [HCO01, MDT03]. RHIC [BNO+01]. Riccati [Koc02]. Riegeom [Por00]. Riemann [MGY08, SWFL00]. ring [BV00]. right-hand [BV00]. Rigid [EE02, CCBL02, HSS+08, VPNW02]. Rigid-body [EE02]. ring [BJ02, Man02, NY07]. ring-opening [BJ02]. ring-shaped [NY07]. rings [Man02]. Risebro [Lafr03]. rising [WGS00]. Rjaseekar [Par04]. RKN [Wu10, Fra07b, YWF09]. RKN-type [Wu10, YWF09]. RLW [Zak01]. Robust [GKM+00, Tót06]. rods [JBS08]. role [AFK+07, BK01, CRS01].
LHS$^+$06, yMS01, MZB$^+$04, ML06, OK06b, PC08, ISX05, Sev00, TYN02, TNY00, UTO09, UNK12, WHJ06, WS09a, WTW04, ZZH09, Zie05. schemes [BH03, BP08b, CMT00, CMT01, ID09, Suc02, TQ03, VCF$^+$04]. Schrödinger [ACK05, AKZ00, ASVA00, AKS01, AKS02, AK07, BK06a, CJK09, CMK$^+$03, DGSL09, GH00, GNZ$^+$09, Im07, Ixa02, Ixa07b, JK08, JC08b, KMS09, KBV09, LVV04, LVV06, LRI$^+$06, LIR$^+$06, LVV07, LB00, LY05, LCB07, Nur04, PSV00, Riz02, RLV$^+$08, SZ00a, SW09, Sim00, SW00a, SVA03, Sim09, SM02, SFSL09, Sug01, SQ03, UK02a, UYK$^+$04, Van05a, WGDZ04, W04, WC05, WS09a, WT01, XSC09, XZ12, YB02b, Zak06, dHV08].

Schrödinger-solver [BK06a]. Schur [CD01a]. Schwarz [Lus05]. Schwarz-preconditioned [Lus05]. Schwinger [AHS09, CHM00, Maa06]. Science [MRF$^+$05, BM02a, CSZ$^+$07, Gun02, Haf07, MS05b, OLX07, Tót08, Koc02].

sciences [Han00, SBM02]. scientific [BBD$^+$09, BC07, BD06, Cap05, Dan09a, Dan09b, Esq04, MSK$^+$02, MA04, MA08, NJ00, Nil07a, SJDC07, ZC09, Sha04]. Scientists [Bre01, Mal00]. Scilab [BBJ$^+$08, BFB$^+$09]. scintillation [RCGC00]. scintillator [FWP01]. scission [RLV$^+$08]. scission-neutron [RLV$^+$08]. scope [HHM$^+$09]. scrape [KY07, SBCZ08]. scrape-off [KY07, SBCZ08]. screened [HIJ09, OS03, SJ02]. screening [MLG$^+$01]. script [HL08b]. scripts [BS06a]. SDECAY [MDM05]. SDH [MBC$^+$09]. Search [GOG00, CCRA05, Nak07, TLP04, TL06b]. searches [VPP$^+$12]. Searching [Sus01, qX08]. seawater [VS06]. Second [MV09, Poi08, Poi09, BB04a, CIC$^+$03, FMG00, Goc04, Hoo04, WHJ06, YM03]. Second-order [MV09, Poi08, Poi09, WHJ06]. secret [AEEdR05]. section [AIOST03, Pap01, SBM09b]. sections [BS03, Cip07, Cip08, Cip09, HSGBK08, Hor09, Kol09, LDBG08, MOC03, Nik03, OMC00, Sal03, Yes03, Yes07]. Sector [BBK$^+$07, ST09, MN01]. Secure [DBE$^+$04, AEEdR05, TW09]. security [LMC$^+$03]. sedimentation [BS08]. segmental [LM02b]. segments [HSS$^+$08]. SEL [GT04]. SELECTCONF [BKM05]. Selected [BDL00, BN07, DM07, TB87]. selection [BFMH$^+$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, SAU$^+$04, VKPB09, WLR$^+$08, WH00, ZSK$^+$04]. self-adapting [Jad00]. self-adjointed [CGVA09b]. self-amplified [SJHY07]. self-assembled [BNSY02]. self-assembly [NT05]. self-avoiding [Jen01]. Self-consistent [BTI01, PHKL02, WH00, ZSK$^+$04]. self-consistent-field [Pit05]. self-diffusion [WLR$^+$08]. self-energy [FK00, GGG01, MR06]. self-focusing [SBBM04]. self-gravitating [CD05, VKPB09].

[AAC+06, ADG08, BBC+01b, BFB+08, BGS+04, CRS09, DDEM00, FBB01, LBPS09, ML06, ON08, UNK12, Ida02, TYN02]. semi-analytical
[AAC+06, BBC+01b]. semi-classical [BF+08]. semi-core [ON08].
semi-implicit [ADG08, LBPS09, ML06]. semi-Lagrangian
[BGS+04, CRS09, ML06, UNK12, Ida02, TYN02]. semi-periodic [FBB01].
semi-structured [DDEM00]. semiclassical [TDD04]. Semiconductor
[Hua09, GPT08, LVLS01, LLV+01, LLCS01, LVLS02, Li03, LY05, LKC06, LC06, LLLZ01, PMV02]. semi-conductors [ABV02, BSO+04, dS03].
semi-exible [LLPL08, NL07]. semiclassical [TDD04].
semiconductor [Hua09, GPT08, LVLS01, LLV+01, LLCS01, LVLS02, Li03, LY05, LKC06, LC06, LLLZ01, PMV02]. Sensitivity
[RTS01, FGA04, KKS04, KMZZ05, RPY07, Sal02, TBZ12]. Separability
[RF06a]. separable [AA08, Lei02]. separating [Pur02].
separation [BDHP08, EMJ03b, 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, JBS08, Hon04, LVH07, LL04, Moh07, NP00, Sea02b, Wn01, WS09b, ZS07, ZWY04]. server [FEHC01]. service
[AAKL07, KKH07, LNV+09]. Services
[BJS00, AAM+01, AAKL07, FGV01, Han00, ISSC01]. set [Di 01, ES09, GMAN+07, KTT09, Maa06, Pit05, RLRR06, Str00, TS06, UYK+04, Yok09].
sets [BD08, MBR01, TKN+08]. seven [NR01]. SevenOperators
[HL08b]. Sewing
[BG09]. SFS [MTLC01]. shadowed [SZ00b, Seq00]. SHAKE
[GWK09]. shallow [ML06, Sh04, Sh07]. Sham
[AK03, MBR04, PAD07, WO01]. Shannon [CHL05]. shape
[BD00, LM02a, LVLS01, OKS04, RCGC00, Zah00, Zah01, ZDKG05]. shape-truncation [Zah00, Zah01]. shaped [NY07]. shapes
[GMBC08, JK01]. share [AEEdR05, TSB+05]. shared
[BGS+07, BBS00, CC00]. SHAREv2 [TLR06]. Sharing [CPV+08]. sharp
[BDH+02]. SHdecay [Bar04]. Shear
[OMY05, AP05, DJ04, RSMK+00, RR05, RV02]. shear-induced [AP05]. Shearingbox [GZ07]. Shearingbox-implementation [GZ07]. sheath
[NT04, SHJ07]. sheets [TJL09]. shell
[Cip07, Cip09, CH000, GSF05, KM00a, KM01b, SKF05]. SHELL2
[FK00]. shielding [MCC05]. shift [Ram10]. shift-operator [Ram10]. shifts
[VEG08]. Shock [We02a]. short
[BBBR04, CW00, KSO04a, NFS01a, NFS02, NH09, Ram10, WHL05].
short-ranged [CW00, WHL05]. Shortest [Kr05]. shower [We01].
showers [EFG+00]. Si [CW02, KM07, LTT09, NSY02, SPC+05, Sr01].
SiC [MCC05, RP+05]. side [BV00]. Sierpinski [SFSH01]. sieve [AA01a].
Sif [LK07]. sigma [GRR01]. sign [Bae03, BFLW07, vEFL+02].
Sign-function [vdEFL+02]. signals [KV08, OS00a]. silica [MBK02]. silicon
[Goe02, LN01, OPO+08, SLC09]. SIMD [REAB08]. SIMDized [GK+08].
similar [SHH+04, SIE04]. Similarity [VBC07, CHL05]. Simple
[Bro07, dO02, JK08, MC09, MPS09, TPYV03, Tod01, Vég04, ZSSA00]. 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, CDD07, CMK+03, MMEH08, Mü05, OGKL02, RRH08, 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, TIM08, TdFK00, Var02, VK09b, WGS00, WRMG05, YZD+07, ZPB09, ZM00, ACIZ07, AdlT03, All05, AH03, Aok01, ASC+05, BDK+06, BCCM03, Bar00, BB04b, BDB+08, BR09, BTE05, BMvG00, BDF+08, BS08, Bur02, BDV04, CW02, CMS04, CGC+09, Che05, CGIA07, CSC+07, CSC+08, CSC+04, CAAM08, CL02, CTI07, CLL+07, DDD+01, DJ04, DMR02, DDM05, DVG05, DBE+04, DSC06, EFBP04, EHH01, EHHH06, Esi01, FMD07, FWP01, FL01, FS02, HD04, HYY07, Har01, HL00a, HMY+02, HL00c, HIJM02, HL05, Hua09, HKL+07b, HSS+08, HKK02a, HS07, IJK+08, IDS+04, IW01, IW02, ICO01, IN09, JAT03, Jen00, JDBT06, JDBT09]. simulations [JBS08, KH01, KPL07, Ker02, KSYE00, KPS+01, KKSR04, KF05a, KCR07, KBG00, KK05, Kud09, KNSY07a, KMSC01, LM02a, Lee04, LSL07, LSC07, LbotMC01, Lei02, LVLS01, LLCS01, LLT+02, LH03, LCZ+08, LC08b, LKPH08, LAMH06, LKC06, Lon07, LMS+02, LL00, LM02b, MR05, MLTC01, Maz00, MVS05, MLF07, MPK00, MMB02, Mil06, Mil07, MKB02, MIM+07, MYJY01, ML06, MC01, MS09, MABK02, MSH01, NSK01, NT05, Nak08, NN06, NYH04, OSK+02, OKS04, OK06a, OK06b, ÖDC02, PCK00, PG02, PP02, PS06, Po06, Po09, PY08, Pop03, QTL06, Rap06, RCGC00, Ref00, RJFB08, RGR+04, SNS01, SM06b, SLL07, SHZ01, SKNV05, SL01, SOAW08, SSA07, SBBM04, SAU+04, STK+00, Swi04, TCLS04, TMTF00, TKS+01, TtD01, Tod01, TDD04, Tr08, VYK02, VBFD01, Wal03, WTH+04, WHC07, WML+05, WRC+04]. simulation [Wil02, WH05, WHL05, XON08, YSM09, YD07, YNS+09, YRR07, Yos00, Yv05, ZLM04, dNKM07, TIM07]. Simulations [Bin02, HM00, LHS+09, LNC+03, RSMK+00, Wes07, Ano04b, ADBF03, ABRS12, BS06a, BAO9, BF04, BS02, BB09a, BADC07, Ber02, Ber03a, BMS+09, BCD+07, BBDV12, BMML05, BMH+07, BL05, BM01, BGH+09b, BDYK04, BKK02b, BDM09, BGS+04, BK05c, CZC00, CDFF05, COE+05, CDQF07, CLFH07, CDD08, CR00, CW00, CNDC09, CW01, DS01, DR01, De 07, DGBL08, DBR+02, DD01, DCO5b, DUX+09, Elb05, El06, Eli08, ES09, Esl04, FFK02, Fel08, FT08, FFF01, FS08, GCP+02, GBSF07, GLHW01, Gre04, GH00, GCD06, GHPS04, Haf07, HL00b, He00, HM06a, HBMJ05, HKLY07, HKPOL7, HW09, JGR09, KBBW02, KCC+00, KMD+02, Kat02, Ker02, KSP04, KY07, KM08a, KRTZ02, KD09, KK04, KSSH04, KNSY07b,
Lad09, LTA05, LBPS09, LCM00, L SVMW08, LF02b, Lud02, Lüt04, Mak01]. simulations
[MV04, MFF+05, MBKJ09, MHIS05, MMTH04, MS08a, MRF+05, MP03, MFVJ07, MDC09, MER+00, MJ02, Mü02b, NSMO02, NG+04, NKV03, NBPG08, iNKNV08, NKF01b, OLS+01, OD07, Oka01, OO05, OCK+00, OM03, PHF+07, PM02, PRSB08, Pet04, QRH00, RP02, RLR06, RD05, RPD+05, RJCH00, RV02, SJCM04, SPC+05, SEC04a, SLWH02, SWC03, SBD+06, SFF+04, SBL+04, SvAS01, SG04b, SBB03, SPM00, SPP+04, SS05, TÀT09, TMN01, THC+07, Tri01, Ts02, ULA+02, Uhl03, UOM01, UOM03, VKS07, VAH04, VCF+04, WCL00, WK02, WCG04, WDB04, WLGX09, Xia01, YWL04, Yos09, ZKASS05, dS03, Esq04, UVLRRC09]. Simulator
[HLW05, HKL+07b, CGCS07, CD01b, DMD+07, GCK02, M08, GHA05, HKL+07b]. simulators [BSW+07]. simultaneous [GFS03]. sinc [WDB04]. sine [KS05]. Singer [DDdMS02]. SINGINT [Kau03]. Single-site [DDMM06, MAM04, MAM07, Dev05, DSS00, FH04, FF01, FS01b, FS02, GSF05, KNSY07b, KFI+01, LY05, PRSB08, ISX05, SG00a, Sm00, SM04, SM06a, YN05b, YD06, SM09a]. single- [DSS00, FH04, KFI+01]. single-cell-based [ISX05]. Single-particle [DDMM06]. single-shell [GSF05]. single-walled [GSF05]. Single-particle [DDMM06]. single-shell [GSF05]. single-walled [YAN05]. singlet [JC01, KJ07, Vo02, Vo03]. singlet-singlet [JC01]. singlet-triplet [KJ07]. singular [Del08, Kau03, KM08b, LC00, PN00, Ram04, Riz02, YWZ02]. singularities [BW08, GGT03]. singularity [M01]. sintered [KEL02]. sinusoids [CN00]. SiSe [CM02a]. site [NLC09]. sites [IW01, IW02]. Sitter [DKV00]. Six [FFK02, Bac00, BGG+09a, BGH+09a]. six-dimensional [Bac00]. Sixth [FFK02]. Sixth-order [CFMR08]. Size [NFS02, BJ08, BS08, Car07, DDG06, GDAG05a, GDAG05b, HBW05, MDS09, RP02, SS02b, VBFD01, WV04]. sized [RRC09]. sizes [MM01, MK02]. skimming [SS09b]. skin [AA+00, BB04]. sky [RTVZ08]. Skyrme [BD05, BFH05, DD00, DO04, DO05, DSC+09, SDNR05]. slab [AH02, KV07]. slabs [JTS+06]. Slavnov [PTL04]. Slavnov-Taylor1.0 [PTL04]. SLC [JWW00a]. slender [IL07]. sliding [HOT07]. slip [MS05b, SGK09]. slit [BDHP08]. slow [AAM+01, Yos03, Yos07]. slowing [CM03]. slowing-down [CM03]. Small [JKW06, JKW00]. Small-angle [CGG00, TIM07, A109, GF01c, MVS05, ZDKG05, TIM08]. Smoothing [CGG00]. smeared [HK02, KT04]. smearing [Dur05, Dür09]. SMMP [EHHH01, EHHH06, MM08]. SMMP-open-source [EHHH06]. Smoluchowski [Kos05]. smooth [FMD07, OD07]. Smoothed [BBBD06, JHIV003, KNY05, TE05, VKP09, BCT06]. smoothing [Dem03, Dem06]. snow [MYJ01]. social [KOS+09]. Sociophysics [Sta02]. sodium [BCP04, KU02]. soft [HSS+08, KPS+01, LAMH06, PJ08, SSLN02]. soft-core [HSS+08]. SOFTSUSY [All02]. Software [BG01, Opg01, SMZ05, AAG+04, AEB02, BBB+01, BSO+04, BN07, BBJ+08, BFB+09, CNMC09, CHE07, EHHH06, Esq04, Gha05, KVR+00, MP03, OPB+09, PFPB+09, RC04, RMP02, SC04, SOFTSUSY [All02]. Software [BG01, Opg01, SMZ05, AAG+04, AEB02, BBB+01, BSO+04, BN07, BBJ+08, BFB+09, CNMC09, CHE07, EHHH06, Esq04, Gha05, KVR+00, MP03, OPB+09, PFPB+09, RC04, RMP02, SC04].
Teh01, TV07, THC+07, TYS+00, VPP+12]. softwares [LL07]. solar [KL01, RTVZ08, SLC09]. solenoidal [YSM09]. solid [BDM09, CGC+09, CC08, FFF01, HKK+01, HFN03, ICO01, JKKT00, KM01a, KK05, LÀT04, MMB02, Mis02b, dLRBP09, RCG05, Ste05, WMNS09, YT01a, Yok09]. solid-state [dLRBP09]. solidification [NW02b]. solids [ADS06, BFL04, MPK00, RR05, SBM02, THM01, YG09]. Solitary [KD09, Zak00a, Zak00b, Zak01, bLpL02, pLbL03, Str01a, YB02a, Yan03a]. Solution [BFH05, DD00, DO04, DO05, DSC+09, LRI+06, LIR+06, Liu04, NT04, SZ00a, SR05, Var08, Yao09, AP04, AMP+00, ASVA00, AKS01, AKS02, BD05, BTS05, BV00, CC04, CFKM01, CBF+04, CRS09, DGLS09, EMJH03b, Fij99, Fij00, FS01a, FS02, GBC+04, Huj05, Ixa02, JBBR01, Kas00, Kos05, LdVJ06, LKV06, Li03, LC00, MM04, MP01b, PAS09, PSK01b, RIB01, Riz02, Sho04, Sho07, Sim00, SVA03, Sim09, SDNR05, Sug01, TKP06, Van05a, WGDZ04, WC05, WDHE04, WW06, ZSK+04, ZDKG05, Zie05, dA08]. solution-adaptive [Zie05]. solutions [AA08, AKZ00, AK07, BGH04, CC09, DKV00, EÂU05, EELZ04, FRdS09, GT01, GI09, HNS01, HCL00c, HJZL07, bLpL02, LL04, Ljj08, Ljj09b, pLbL03, LL08, PAS09, Rib02, SW09, TD03, UK02a, UK02b, UYK+04, VBC07, Yan02, YB02a, Yan03a, Yan03b, Yan03d, Zak06]. solvable [HNS01]. solvated [BSB02]. solving [BB07, FS00, IH09, IHAR09, JS06, KEM+01, LOCJ05, Maa06, SHV+01, XSC09, Zim05, AK05, A30+04, CJK09, Den08, FBL00, Fra07b, GSCT03, HHWH07, JK08, KA09, LY05, Ljj09a, MZB+04, MK08, MP01b, NJ01, PMG07, PAD07, PKST03, PSV00, Ras09, RE09, Ras17, She03, SJ00c, SM02, Str00, SFSL09, TPYV03, UNK12, WS09a, WX09, XZ12, YW02]. Some [BKM02, FGR06, JBS08, LZ00, Luo00, MA08, Bor02, BCV03, Hb01, MSD08, Roy09, Van05a, WS04, Wen01]. sophisticated [Gre07, MM09]. sorting [REAB08, REAB09, YWLC04]. soundings [AdIT03]. source [ABNA05, CLL+07, EHHH06, JP09, LCS07, MTLC01, MSB09, SJHY07]. sources [DDEM00, DW01]. Space [AC05a, BD05, Brec05, CC04, DC05b, DKKV00, FFB08, FMM08, FER+07b, GBFS07, GBM02, GW01b, GHP04, Han00, ISSB01, IM01, Jia08, KM00a, KM01b, MSHP02, MSHP20, Nak08, OSK+02, Pap01, PRBD09, RLH+09, SKNV01, SKNV05, SW00b, SMH+01, SRR+00, SBB03, TKSR00, TrÖ08, XON08, YT01a]. spacecraft [KTG04b]. spaces [PL05, SH06]. spacetime [Rib02]. spacetimes [BFI+00, Vul03]. SPAI [SBD+06]. Spanish [MBC+09]. Sparse [RLRR06, BN07, BMG01, Cha00, DM07, EFS+08, FM03, GHP01, MYC09].
sparse-blocked [Cha00]. sparticle [EH06, EH07]. spatial [EELZS04, GKM+00, HTM+08, KMR+09, SBD+06, ZBB+06]. spatial-grid [WMNS09]. Spatio [RDS02b]. Spatio-temporal [RDS02b]. spatiotemporal [GLW03]. Special [iSHS+08, SMS+00, SHI02, CPT+01, IOM00, Mak01, SHH*04, SIE04, Tho01, Van05a, Wen01]. Special-purpose [iSHS+08, SMS+00, SHI02, Mak01, SHH*04, SIE04]. specialized [SS02a]. species [DHS00]. specific [CGC+09]. spectra [All02, BB04b, BKM02, GCP+02, HSSA01, Jia08, JC01, KJ07, MK05, MKJ+05, MM05, MM09, Por03, RC04, TKB+04, TK09, WCBN05, vHLP08]. spectral [BP08a, CCBL02, CJC09, EVL00, FS01a, HDG07, Hua09, LBPS09, MK05, MM05, MM09, Por03, CCB102, CJ09, EY00, FSO1a, HDG07, Hua09, LBPS09, PMG07, PKST03, She03, S00c, TPYV03]. Spectrometry [ISS+02]. Spectroscopic [GZF04, CDD08]. Spectroscopy [Veg04, EST00, KSTL03, MB05b, WCBN05, ZPB09]. spectrum [DKM07, GIME02, RDSS01a, Sol01, VT00a, Wan06a, Wan06c, VT00a]. Speed [GGL03, TIN+09, GCD06, iSAK+08, SLL01, TCF00]. Speed-up [TIN+09]. SPH [JOS07, MDH04, MC09, MK05, SM06b]. SPHeno [Por03]. sphere [PP09, SA09, SWFL00]. spheres [BDH+05, JBS08]. spherical [Bal07, BK05a, BD05, CRW09, CMT01, MP05, OSK04, OK09, RSMK+00, RJFB08, San00, Tal09, IFF01]. spherically-symmetrical [IW02]. spheroidal [CFKM01, Hua09, Kir06, LK06]. Spin [CY01, NH09, You02, BCC+08, BDLT02, BR09, CSW02, CPT+01, DKC08, F009, Flo09, GF02b, Goc04, HG02a, JW02, Kat02, KK01, LCV06, LDBG08, NSMO02, OTY02, PS08, PMV02, RD05, RLU00, SH06, SS06, TEP00, YD07, You05, ZPB09, GSF05]. spin- [DKC08, PS08]. spin-angular [GF02b, GSF05]. Spin-box [NH09]. spin-orbit [TEP00]. spinor [MM08]. spinor-helicity [MM08]. spins [DDD+01]. spline [FZ09, NM03, TD03, Zat06]. splines [AC09, Nik03]. split [CA07, MK08]. split-operator [CA07]. splitted [Zak01]. splitting [GLP03, SG06]. splittings [AJ08, JG02]. Spontaneous [SMV01, ICO03, SJHY07]. spreading [KPS+01, MMB02]. spring [EM08]. Springer-Verlag [Hoo04, Koc02, Laf03, Par04, Sha04, Vio04]. sputtering [IH01, SZ00b, Sev00, WSB04]. squared [KT04]. squares [Dem06, JC07, TD03, WWF08]. SSNT [PB07]. SSOR [GH00]. SsTools [KW07]. Stability [Van05c, ATIO06, ATF+09, FGF03, SHW01, S+01, She08, Sim09, TM01, UVLRRC09]. Stabilization [VT00c, bHL07, Nur04, TCF00, WZH06]. stabilized [BS09b, MVJ09]. Stable [MNH01, PC08, RB00, SW00a, WW05, Wan05b]. stably [LCM00]. stack [Sch08]. stacks [LMS05]. stage [KKS04]. stages [LAF01]. Staggered [KNT08, Cha04]. stair [Ver04]. stance [ZSD+08]. stand [DGR09]. stand-alone [DGR09]. Standalone [TP01]. Standard [FK00, FJJ+03, HS02, An07-31, JS08, LPC+04, GFF01]. standing [BB07]. Star [BCP04, EKW09, HBR05, QTMH07, FFP01]. star-image [QTMH07]. stars [BLRC05, CDQF07]. starting [FFF01]. State
states [BBB09, BRB09, AMP00, Bac02, Bat03, BM04, BKB02b, BDM09, BCH05, CBB02, CWSH05, DCNDC09, DC07, FFK02, FFF01, FV02, HSGBK08, HG02a, KSS02, LAT04, LEG02, MC03, MHGV09, MHS05, dIRBPL09, PRBD09, SH06, SVP09, SJF07, Wan05a]. state-history [MHS05].

states [BBB09, BM06, BH03, BJ05b, CRS05, CWW06a, CWW06b, DGV08, GFG06, GLMADB02, GPT08, HC08, JWW00b, KB02, KN07b, LJY07, LLY07, LR07, LVL02, LMB00, MT00, OvSA02, ON08, PJK00, RF08, RDF/02, Sav01, TNG00, V00c, YN05b, Zha01, ZSSA00, dO09]. states-computational [KB02]. STATFLUX [GMAN07]. Statics [KB02]. statics [LMM08]. Stationary [TLCS04, Bae03, DGV08, WDHE04]. Statistical [TSB05, ASI03, Ano09a, DSS01, GMA07, GGL02, ISSB01, JG09, Ker02, Rin02, SAG02, Sta00, Suz00, Swe02, TY01]. Statistics [HNG05, FHF00, ISSB01, YT01b].

steady [BKB02b, QCL05, Ver00]. stationarity [MHS05]. steady [BKB02b, QCL05, Ver00]. states [BBB09, BM06, BH03, BJ05b, CRS05, CWW06a, CWW06b, DGV08, GFG06, GLMADB02, GPT08, HC08, JWW00b, KB02, KN07b, LJY07, LLY07, LR07, LVL02, LMB00, MT00, OvSA02, ON08, PJK00, RF08, RDF/02, Sav01, TNG00, V00c, YN05b, Zha01, ZSSA00, dO09]. states-computational [KB02]. STATFLUX [GMAN07]. Statics [KB02]. statics [LMM08]. Stationary [TLCS04, Bae03, DGV08, WDHE04]. Statistical [TSB05, ASI03, Ano09a, DSS01, GMA07, GGL02, ISSB01, JG09, Ker02, Rin02, SAG02, Sta00, Suz00, Swe02, TY01]. Statistics [HNG05, FHF00, ISSB01, YT01b].

steady [BKB02b, QCL05, Ver00]. stationarity [MHS05]. steady [BKB02b, QCL05, Ver00].
[Bur02, HTM+08, MSH01, RvOvV02]. **Studies**
[BS04a, BJ08, BJ03, CCG08, CSC+07, CSC+08, Dom05, FMD07, HKK02b, LMS+02, MVS05, Min01, Rap08, iTKST01, WM00]. **Study**
[LDZ+08, PSK01a, RLU00, iSAK+08, SGF04, SSB04, TAM04, AGJ07, AOBSP09, ADE+02, BJ02, BZ00, Bor02, BBJ+08, BFB+09, BCV03, CRPC08, CH09, DELG05, DMR01, DCJ07, DC05a, DGR09, DH00, FGV01, FS01b, GAR05, GW01a, GDAG05a, GDAG05b, HGB07, HGVCM+02, HM06a, HTA08, ISH01, KEL02, KNSY07a, Kur02, LWT08, LN01, LNK01, MCL05, MCC05, PGR07, PAT+09, RIB01, RG05, RCG05, SS07a, SMSE03, SK08, SL09, SVP09, SGM+09, SHJ07, SS99b, SSLN02, TYS05, WSCW09, YD06, YC07, YRR07, YKK07]. **studying**
[GH09]. **Sturm**
[CGVA09b, LVV04, LVV09]. **sub**
[GS01a, QTMH07, SLC09]. **sub-membrane**
[GS01a]. **sub-pixel**
[QTMH07]. **sub-wavelength**
[SLC09]. **subgrid**
[Ker02]. **sublimation**
[WSB04]. **submonolayer**
[AFP02]. **subroutine**
[Tal09]. **Subroutines**
[WSB04]. **subspace**
[SMZ05, ZSM05]. **Successive**
[AS03, BB04a]. **such**
[SSPM05]. **sudden**
[PCC01]. **SUE**
[CPT+01]. **suggestive**
[Niu00]. **suitable**
[SI01]. **suite**
[JU09, SBM+04, SSB+09, TKB+04]. **summation**
[AH02, Har02, LHC01, LHC02, MU06, TZZ06, Wen01]. **sums**
[Bek06, Bl04, Bl09]. **sunrise**
[CCGR09, PR06]. **super**
[Bar04, KW07]. **super-heavy**
[Bar04]. **super-systems**
[KW07]. **superbursts**
[NBPG08]. **Supercomputer**
[Yos09, CD08, CBM+05]. **supercomputing**
[MSK+02]. **superconducting**
[KW03]. **superconductivity**
[GOG00]. **superconductors**
[VS01]. **Superconvergence**
[LCH09]. **superfield**
[Fer07a]. **superfluid**
[Yos03, Yos07]. **superfluorescent**
[MTLC01]. **superheated**
[KNSY07a, Ste05]. **SuperIso**
[Mah08b, Mah09b, Mah09a]. **superlattice**
[GVWM04]. **superlattices**
[KJ01]. **supernova**
[SBD+06]. **supernovae**
[HRN00]. **superresolution**
[KSTL03]. **Supersymmetric**
[DKM07, FIJ+03, HS02, All02, LPC+04, MDM05, Por03]. **supersymmetry**
[Mah09a]. **Suppressed**
[NLC09]. **Surface**
[KNSY07a, LS02, LAF01, BVY05, BB07, BL05, BDH08, BH01, BDH+05, CW02, DEW01, DVL+02, DVL+04, EG09, HYY07, KPS+01, Kim07, MKB02, NP01b, OLR07, SHV+01, TCO00, WSB04, WMNS09, XSC09, ZHC00]. **surface-controlled**
[BDH08]. **surfaces**
[ATP01, AVB02, BM01, BTK+02, CIC+03, GGG01, GBM02, GI01, Har01, HG02b, Hin00, Ida00, Ida03a, Ida03b, Ing01, KM01a, KMB02, LNK01, LTG09, MPS09, NSY02, NP01a, PCC01, Ple02, Ron01, SSSH02, Sri01, TAP01, TGB01, Tsa02, YG09]. **surrounding**
[LY05]. **survival**
[SSH01]. **susceptibility**
[VEG08]. **SuSpect**
[DKM07]. **suspended**
[ICO01, KH06, RSMK+00]. **suspension**
[DF05, UVL009, WDF+02]. **Susskind**
[CAF+03]. **sustainability**
[FKM09]. **sustained**
[FKP03]. **SusyBSG**
[DG08]. **SusyMath**
[Fer07a].
Suzuki [OMF02]. Suzuki-like [OMF02]. swap [MHR⁺07]. Swendsen [DGAG06]. swimmers [PY08]. swimming [Rap08]. switches [Del03]. switching [OD08]. SX [EL04]. SX-6 [EL04]. Symbolic
[Ada04, BGH04, KH01, KH06, She08, UTKF05, Wei02c, qXbL04, CRUV00, FD03, GT01, Hon04, MU06, Nin00, Pee07, SH05, TV07, qX08, Yan02].
Symmetric [CBF⁺04, AG05, BN07, Bun01a, CFMR08, CR00, DM07, Kim07, ŠZ000a, Wan05b]. symmetrical [IW02, WS02].
Symmetries [MG09b, BCV03, Che07, MG09a]. symmetry [Ada04, BGH04, KH01, KH06, She08, UTKF05, Wei02c, qXbL04, CRUV00, FD03, GT01, Hon04, MU06, Nin00, Pee07, SH05, TV07, qX08, Yan02].
Symplectic [AK07, OMF03, SS06, CFMR08, Fra07b, MKS07, SS00, SQ03, TQ03, Van06].
SYN [NR01]. Synchronization [BFL⁺01, MTC07]. synthesis [MP01a, ZLM04]. System [BFL⁺01, Pub07, AP04, ABNÁ05, ABC⁺03, Ano01n, BGLLW01, Cap05, Eli05, GC01, IH01, JP09, KS07, KK01, KM00b, KTT02, KMCS01, LdVJ06, LNV⁺09, Mar01, Mas00, MTZ00, NFS01a, NFS02, OK06b, Pee07, Pop03, Sol01, SS09b, SQ03, TKS⁺01, TLD03, TYY09, Ver00, Wan09a, Wei04, ZS03, ZZZ09, AAB⁺08, BNO⁺01].
systematic [Bra05, Con04, EL06, THC⁺07]. systems [ATP01, AC07, AJT⁺07, ASF⁺05, Alv09, ALN⁺01, ADDm07, Bae04, BBC⁺01a, BFHM⁺01, BB04a, BCC⁺08, Ber02, Bin02, BHm⁺07, BH03, BBJP⁺08, BFB⁺09, BVKW02, CD05, CGG00, CYAS05, DDMM06, Di 01, Dol01, DLV⁺02, DLV⁺04, EMJH03a, FGF03, Fra07a, GKI02, GKI04, GPW⁺09, GSGT03, GMO03, bHHL07, HNS01, HL00a, HL00c, HZGZ09, JW02, KBBW02, KH01, KNTG03, KW07, KSEG05, Kr050, LM02a, LbotMC01, LNV⁺09, LFT03, LANM⁺01, LMM⁺08, LAMH06, LM00, MCH02, MSD08, MFW07, MHK02, MKS07, MM01, MT02, NSM02, NH09, iOY01, OTY02, OM02, PM02, PKPV02, PCCD09, PSH06, RP02, RF05a, RF06a, RF07, RF08, RDF02, Sle00, SOS01, SS06, TAP01, Tat07, Var08, Var02, VT00c, VPK⁺01, WKP⁺01, WZH06, WYX09, WLGX09, Zha00, ZKASS05].
Sznajd [Sta02].

T [PKKM02]. T3E [ALN⁺01]. table [HS01b]. TADpoles [Ste01]. tailored [CR08]. tailis [HBM05]. tangle [BGH04]. tapered [NSK01]. target [BDB⁺08, MOC03, OMC00, OSK04, OKS04, PD08]. targeting [vDG⁺09].
targets [SBM09b]. Task [CD08, An009]. tauola
[GKP⁺06, BEM⁺02, GKP⁺06]. tauola-photos- [GKP⁺06]. Taylor
[DMR01, DMR02]. Taylor1.0 [PTL04]. TaylorUR [vH06, vH07]. TD
[WPL02, WTL01]. TE [KV07]. TEA [Gha05]. Teaching [HF00, TPBE04].
tearing [Li04]. technique
[Bae04, CIC⁺03, EMJH03a, Har02, ICT01, KMH02, KA05, KK00, LHC01, LH02, PDA06, QTMH07, Ram01, Sal03, dSL02]. techniques
[AP09, Bes02, CLFH07, DSC06, GHLW03, He01, PBB⁺04, PY08, Ram04, RM05a, SWC⁺03, Tod01, TYS⁺00]. technologies [Chr00, CBM⁺05].
technology [CRS01, Far01, Li00, SMS⁺00]. telescopes [CBMS08, GKI05].
Teller [MS08b, HC08]. temperature [HTM⁺08, HJ02, KMD⁺02, Kar02].
KLD04, Lei02, LDZ+08, MTJ02, NH09, PP02, Zha00. temperature-driven
[PP02]. temperatures [DS01, FS01a, Kat02]. Temporal [RMK05, RDS02b].
tens [HMM+09]. tensile [Kim07, LTT09, MDH04]. tensile-strained
[Kim07], tension [NL07, ZHC00]. Tensor [BH01, BGH+09a, Bre07, GBM02,
MP04, MGP07, MYG08, 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, KH01, MTJ02, OML09,
PFPB+09, SKN01, qXb04, qX09, ZLL09]. test-driven [PFPB+09].
TESTER [GPW04]. testing [WL08]. tests
[ABC+01, BL00, BFI+00, JW02, TIM07, TIM08]. tetra [HGVM+02].
tetra-atomic [HGVM+02]. tetraatomic [KLTH04, ATP01]. tetrahedral
[CN01, LHS+06]. tetrahedralizations [SMH04]. Tetrahedron
[Zah04, Zah05]. Tetramatic [TAP01]. text [dIRL09]. text-based [dIRL09].

th [AKZ00]. their
[BSB02, CGVA09b, CN00, Gro01, KCH00, LC01b, OS00b, YG+02]. them
[Ort00]. theorem [CT00]. Theoretical
[CS07, LNK01, Lee04, ASJ+03, BL00, Bre05]. theories
[ALV05, Di02, MG09b, Tri05]. Theory
[Rou01, ARV02, ALN+01, BB09a, BS0+03, Cha00, Cip07, Cip08, Cip09,
Dzu09, Fed05, Gut06, HMM+09, HLC08, JC07, KTT09, KH09, LC06,
MB01, NP01a, OSK+02, PKS01, Pee07, QP05, RF04, Sem09, SKN01,
SKN05, SMK01, WWF08, Wi09, diGGS+05, vHL08, MG09c].

THERMAI [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
[HR00, BSW+07]. thermostats [BP08b]. THERMUS [WCH09]. theta
[Sch05]. thickness [CAW00]. thin
[BDV04, Dan05b, LTG09, LTT09, Miil02, NT04, SL02, TAT09]. things
[Ort00]. thiols [SPV07]. third [MKS07]. thousands
[CR05, HHM+09]. threaded [LbotMC01]. threading [NJ09]. Three
[CSC+07, CSC+08, CHM+09, IH01, KKF+04, PKR07, QG04, RG04, CB02,
BSDM05, EELZ04, ES09, GBC+04, HKP07, JK08, KNT08, KSS02, KL01,
KMK00b, Kr05, LVLS02, LLS06, LHS+06, LEG02, MMTH04, MOS00,
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, IH01, KKF+04, PKR07, QG04, RG04, ES09,
KNT08, KMK00b, KR05, LVLS02, LLS06, LHS+06, MMTH04, MOS00, MOS01,
NYH04, SB05, TRGR08, TMTF00, Tak03, TY01, Vos06, WW05].
three-grid [Sch06b]. three-quark [OvSA02]. three-step [WW05].
Threshold [FHF00, HOT07, HTM+08]. thresholds [Lüt04]. Thrombosis
[OCS+08]. throughput [SBM09b]. thruster
transformation [ASJ+03, FLO06, LL08, Niu00, YN05a]. transformations [GF02a, KEL02, NP00, PZ01]. transformed [Eli05, SDNR05]. transforms [Blu00, Blu09, CR08, Dup01, HC00, KSHP02, MA00, MM05, RB05, SSP08a, Tal09, Tür00].

transistors [CSC+07, CSC+08, LH03, Mam08].

transition [BR09, AGM+00, BJO5b, CBBJ02, DKC08, FFDO0, GAR05, HBW05, JK02, KITK00, KMP09, KT07, LJY07, LLY07, LDZ+08, LA09, MSS+09, Maz00, Mor01, OS03, PDA06, Tat07, Wil02, YH02, YD06]. transitions [BJ05a, BDH+02, Bin02, BHM+07, BKB02b, CSCK08, CM02b, FHR+05, JS05, KGM00, KK01, KNSY07b, MCH02, OIKN02, PRSB08, PP02, Ple02, SWL09, SSLN02, YGT+02]. Translational [LC07, MB05a].

Transmission [VW00]. transmission/reconnection [VW00]. Transport [Ano04-46, KY07, KMR+09, PMA+04, ABSM04, BMYK04, CMD00, CGK+00, EST00, GZ07, ISSB01, KKKC07, Lee04, LLLZ01, Man04, MLP07, MBC+09, NKL05, NRR01, PAD+09, PC08, Pop03, QTL06, Ros04, SYN01, SGK09, TAM04, TKP06, Vie01, WTH+04, WML+05, WRN01, Yak01, YNZ+09, Zie05, da08]. trap [CVK04, MA09]. trapped [RLI07]. trapping [NRDHB01, PCA+07]. traps [TS06].

Traveling [FD03, Hon04, LL04]. travelling [EELZS04, bLpL02, LJ08, LJ09b]. treat [GLMADB+02].

Treatment [IM01, Bac02, GWK09, KL01, MMR04, PNH00, Ram05, TJLR06, WC00].

tree [ADBF03, BAD01, BCAD06, FIJ+03, JKCGJ08].

Trecode [AL08a, CKV04].

trends [Sch04]. tri [HGVC+02].

TRIAC [PB07].

Triali [PDM+08, PAT+09].

triangular [BM06, CHS09, HZGZ09, MCLDP01, She08].

triatomic [HC08, TT06, TKB+04].

triaxial [MAM04, MAM07].

trick [RY00].

trigger [ABF+01, ISSC01].

Trigonometric [Sim09].

Trigonometrically-fitting [Sim09].

Trigonometrically [FSW08, Wan06c, Wan06b, MKS07, Sim08, WC05].

Trigonometrically-fitted [Wan06c, Wan06b, Sim08, WC05].

trimer [Bac02, KY00].

trimers [GLMADB+02, OBG09].

triode [LC08b].

‘tripleint.cc’ [PAT+09].

triplet [KJ07].

tritium [RCGC00].

trivial [MSD08].

tropical [Mas00].

Trotter [Inu07].

Trp [CDF05].

truncated [ASF+05, Ma06, WHJ06].

truncation [Zah00, Zah01].

Tsallis [HF00, Sch06a].

TSIL [MR06].

tube [PCC+09].

tubes [IL07].

tunable [SHY07, Vor02].

tuning [BB03].

tunneling [MMM00].

tunnelling [CKLS09].

turbid [CGK+00].

Turbulence [Ker02, MCL05, Eli08, GLW03, HDG07, Jen00, KLD04, UXD+09, YNS+09].

turbulent [DVG05, Ker02, RJFB08, Str01b, TIM07, TIM08].

tweezercalib [HTNFBS06a, HTNFBS06b].

tweezers [HTNFBS06a, HTNFBS06b, TNBSF04, Whi00].

twelfth [WGDZ04].

twelfth-order [WGDZ04].

twist [CC04].

twisted [BDF+08, Jan05, JU09].

twisting [DGLB08].

Two [CLL+07, CNDC09, FHR+05, HW09, ID09].
LCS07, Moh07, STK$^{+00}$, TDD04, UTO09, Var08, AC07, AMP$^{+00}$, BCP04, BvG02, BR09, Blü00, CCGR09, CCBL02, CMK$^{+03}$, DS04, Dev05, DJ08, DHS00, EAU05, EELZ04, FSV08, FK00, GR02, GBC$^{+04}$, GOG00, GME06, HBMJ05, HJZL07, IHA09, IVD03, JWV00b, JK08, JKKT00, JKCGJ08, KT05, Km03, KM01c, Krö05, LS05, Lüs05, Mah08a, MR06, Nik03, NYH04, OvSA02, PD08, PR06, RtVR09, RLV$^{+08}$, SKH02a, iSHS$^{+08}$, SSB$^{+09}$, SGF03, Sol01, SM02, TMTF00, TZZ06, TBZ12, TY01, TL09, TdFK00, Ver00, WGDZ04, Wan06b, WS09a, WD04, XZ12,ZY09, ZZH09]. two-[Kro05, TMTF00, TY01]. two-body [AMP$^{+00}$]. two-center [GME06]. two-component [JKCGJ08, TdFK00]. Two-dimensional [CLL$^{+07}$, CND09, FHR$^{+05}$, HW09, ID09, LCS07, STK$^{+00}$, TDD04, UTO09, Var08, AC07, GR02, GOG00, HBMJ05, HJZL07, JKKT00, KT05, KM01c, PD08, RtVR09, RLV$^{+08}$, iSHS$^{+08}$, SSB$^{+09}$, TZZ06, TL09, Ver00, WS09a, XZ12]. two-electron [EAU05, Nik03, SKH02a, WD04]. two-fermion [JWW00b, Sol01]. two-flavor [Lüs05]. two-fluid [LS05, NYH04]. two-loop [Blü00, CCGR09, FK00, MR06]. two-particle [Dev05, DJ08]. two-phase [TMTF00]. two-photon [BvG02, Nik03]. two-point [DS04]. two-quark [OvSA02]. two-species [DS00]. two-step [BCP04, IVD03, WGDZ04, ZZH09]. type [CFMR08, CHL$^{+07}$, CHP04, FSW08, FGMT02, Fra07b, PAT$^{+09}$, RDSS01a, SPS09, Wu10, YWYF09]. type-II [CHP04]. types [BMML05, BSvdDW02]. typical [De02].

UCLA [DN04]. UCN [Yos07]. UHI [BF04]. UK [Wan00]. UKQCD [All01]. ultra [HGH$^{+05}$, Tol02]. ultra-high [HGH$^{+05}$]. ultracentrifugation [BS08]. ultracold [JKCGJ08]. ultradiscrete [GI09]. Ultrasound [BSS09, BCH05]. Ultrahigh [WBDB04]. ultrarelativistic [Tom09]. ultrashort [BV04]. ultrasoft [HP06, LMM$^{+08}$]. ultrathin [KKKC07]. Umbrella [BL05, SR01b]. uncertainties [Con04]. Unconstrained [LAT04]. undamped [DWZ05, Wan06a, Wan06c, WW06]. under-relaxation [TCP00]. underdense [Mah08a]. undergraduate [Chr00, Guo00]. underground [Kud09]. Understanding [Bal01, BCP09, DSL09, Müs02b]. uniaxial [CAW00, LTT09]. unification [VPCK04]. Unified [DKMF03, Ram12, Ida00, Ida03a, Ida03b]. uniform [BCD$^{+07}$, JTS$^{+06}$, KV08, KH06, NJ01, WHO02, vHK00]. unimolecular [FS01a]. unit [YT01a]. unitary [MA06]. Units [L SVMW08, AGS07, CDD08]. Universal [BBJS09, LNLK01, Dzu09, GPW04]. universality [BBJS09, SAG$^{+02}$]. universe [BAD01, Fe08, FT08, Yos09]. university [HF00]. unknown [Fat02, LVH07, SSZ01]. unpolarized [Vog05]. unsteady [DM09]. Unstructured [SG04b, CSC$^{+04}$, LHS$^{+06}$, MCLDP01, MOS00, MOS01, ISX05]. up-date [Fri09]. updated [EH06]. upgrade [Dan09a, SBCZ08]. upgraded [CWW06a, CWW06b]. UPIC [Dec07]. upper [SKRK04]. upscaling [Bra05]. upwind [GZ07, ID09]. Usage [Fra07a]. Use
[CMRS02, MN01, MTJ02, RF04, Swi04, BNFM09, MVS05, MA04, MA08, Nap09, Sal02, SS02a, WH06]. used [BDK06, PBB04]. User [MCLDP01, Bar04, BT04, BCKT09, CGC09, Hor09]. user-interactive [CGC09]. uses [BOPC05, USFKAD [KS07]. Using [CFJ09, GCD06, KV09, PMG07, AGJ07, AP04, AL09, ASH06, AL08b, ADG08, Bar03, BS03, BDW06, Bek06, BS04a, BR09, BFL04, BH01, CN01, CLFH07, CFKM01, CA09, CMT00, CMT01, Cip07, Cip08, C000, EMJH03a, FKM09, FS00, GVMW04, GMAHY09, GFP00, GF02c, GSS06, Goee02, G000, GFS03, Haf07, Har00, HKP02, IH01, ISS02, IK00, KPD06, KW07, KD09, LV06, LLT07, Lik01, LSVMW08, LMS02, LNC03, L08a, MSY07, MTLC01, ML03, MBR01, Mas05, MFVJ07, MA06, MC09, ME00, MT00, Nik03, Nil07b, ON08, PL05, PLS09, PAT09, RB08, RGD01, ISX05, SNS01, iSAK08, Sch06b, SBM02, SL07, SR05, SG04, SOAW08, SSP08a, SSP08b, S09, SGL09, SM02, SDNR05, SS04, TAM04, TIN09, TiTD01, TKSR00, TWY09, TdFK00]. using [ULA02, UVLRC09, VKMR05, itVPG08, VK09a, VK09b, Vor02, VBC07, Vul03, WPL02, WP00, WTW04, qXbL04, qX08, YWLC04, ZE00, ZF09, dDSFY04]. USPEX [GOH06]. Utilities [Fri01, NFH06]. Utilizing [BLM01, MHS05].

v [Kol03, MMEH08, DO05, FIBT01, Har00]. v.1.00 [AAB07, AAB06]. v.6.21 [BBC01b]. v.1.00 [BD05]. v.1.1 [BRdAHK04a, BRdAHK04b, dAK01]. V1.1.0 [vdB08]. v.1.66p [SDNR05]. v.1.75r [DD00]. v2.0 [Tdt08, Mah09b]. vacancies [CC08]. vacua [vdB08]. vacuum [ATIO06, FS02, GHI09, KTGO4a]. valence [CYAS05]. Validation [MC01, BB03, CHL07, PS09]. Value [IHAR09, ASVA00, CFKM01, L09a, LC00, PAS09, Ram04, SVA01, WW05, Wan05b, Wan06b]. valued [FH04, HM06]. vapor [JBA05, MSK05]. vapor-liquid [MSK05]. variable [CLFH07, IVD03, LL08, MBG03, SSZ01, Van05c, WTU04, qX09, Yan03d, ZLL09]. variable-coefficient [LL08, qX09, ZLL09]. variable-phase [MBG03]. variables [Str05]. Variant [RK05]. variate [BBBD06, Bel05]. Variation [IN02, NRR01]. Variational [OBG09, FMG00, GLMABB02, MM01, PAT09, SM02, Var08, WH00, Yok09]. variety [TLP04]. various [Ni00]. varying [CAW00, Koz02]. VASIMIR [IDS04]. VASP [Haf07]. VASP-a [Haf07]. Vbfnlo [ABB09]. Vector [Bal07, Sun00, Whi00, EFS08, EL04, Kat02, Mas05, Rap06, ULA02, WH00]. vector-parallel [Rap06]. vectorised [KSYE00]. vehicular [Wal03]. Velocimetry [iSAK08]. Velocity [HTM08, BS08, GRS06, HOT07, Luo00, NHS07, SM06b, TKSR00]. Velocity-dependent [HTM08]. velocity-field [GRS06]. verification [UXD09]. verifying [Glo09]. Verlag [Hoo04, Par04, Sha04, Vio04]. Version [Abe01, BBPS06, HHH09, W003, AAC06, BLS01, BFB09, BNFM09, CWW06a, CWW06b, CGVA08, CGVA09a, Cip07, Cip08, Cip09, CGK00, DS06, DD00, DO04, DSC09, EHH06, FA00, GS01b, HTNFS06a,
HTNFB06b, JWW00a, JPS+01a, JPS+01b, JS07, JC01, KRW03, KJ07, Mii07, MAM07, Nat09, Nat10, PDL04, Pit05, Pit00, RC04, SYM00, TGD07, TL08b, vH07, BCKT09, Sem09. versions [BD06, XD08]. versus [AA07, BDHP08, Jan05]. vertex [HBW05, SF06, ZBB+06], vertex-cover [HBW05]. vertical [LC01b]. vertically [EMJH03b]. very [OBG09, RTVZ08, WV04]. VHF [LCS07]. VHF-ICP [LCS07]. VI [ABV02, DSC+09, GF02a], via [AF05, BDH+05, DGLB08, HL00c, LZS06, MCL05, Mor01, SFSL09, TCF00, TYS+00, ZA01, Zim05]. vibration [KLTH04, TKB+04]. Vibrational [Kar02, Bac02, MT00, RF04, SM02, VCCS05, XSC09]. VicAddress [MSY07]. video [EFH+07]. viewing [Nat08]. VII [FIT03]. VIII [GSM05]. violating [GLL+02]. violation [LPC+04, LCE+09, DGS08]. Virtual [TKS+01, HF00, LKPH08]. Virtualizing [ZC09]. viscoelastic [WGS00]. viscous [MY00a, MDH04]. vision [SGM09]. Visual [GRB+09, PZW+00]. Visualisation [AAB+08]. Visualization [AP09, OK09, AKF+07, Ano09t, Bal01; iSAK+08, SKNV04, SEC04b]. Visualize [Sea01, TKS+01]. visualizing [MPK00]. VLab [dSdSW08]. Vlasov [AGJJ07, CRS09, DJ04, Eli05, Fij99, Fij00, FS03, GHP04, Iik+08, Jen00, LDVC06, MV04, NGE+04, PSK01a, PSS05, SG06, Sle03, SF03, SFG04, SFF+04, SS04, UTC09, UNK12]. Vleck [Goc04]. VLIW [Far01, PBB+01]. VLPL [LKPH08]. Voigt [SK08]. VOLSCAT [SBM09b]. voltage [KACB07, PPC07]. voltage-gated [KACB07]. Volterra [SLe00]. Volume [Ano05d, Ano05f, Ano05h, Ano05-35, Ano05-36, Ano05-38, Ano05-49, Ano05-50, Ano05-52, Ano01g, Ano01h, Ano01i, Ano01j, Ano01k, Ano01l, Ano01m, Ano01r, Ano01s, Ano01t, Ano01u, Ano01v, Ano01w, Ano01x, Ano01y, Ano01-31, Ano01-32, Ano01-33, Ano01-34, Ano01-35, Ano01-36, Ano01-37, Ano02-38, Ano02d, Ano02e, Ano02f, Ano02g, Ano02h, Ano02i, Ano02s, Ano02t, Ano02u, Ano02v, Ano02w, Ano02x, Ano02y, Ano02z, Ano02-27, Ano02-28, Ano02-29, Ano02-30, Ano03a, Ano03b, Ano03c, Ano03d, Ano03e, Ano03f, Ano03g, Ano03h, Ano03i, Ano03j, Ano03k, Ano03l, Ano03m, Ano03n, Ano03o, Ano03p, Ano03q, Ano03r, Ano03s, Ano03t, Ano03u, Ano03v, Ano03w, Ano03x, Ano03y, Ano03z, Ano03-31, Ano03-32, Ano03-33, Ano03-34, Ano03-35, Ano03-36, Ano03-37, Ano03-38, Ano03-39, Ano03-40, Ano03-41, Ano03-42, Ano04a, Ano04b, Ano04c, Ano04d, Ano04e, Ano04f, Ano04g, Ano04h, Ano04i, Ano04j, Ano04k, Ano04l, Ano04m, Ano04n, Ano04o, Ano04p, Ano04q, Ano04r, Ano04s, Ano04t, Ano04u, Ano04v, Ano04w, Ano04x, Ano04y, Ano04z, Ano04-04, Ano04-37, Ano04-38, Ano04-39, Ano04-40, Ano04-41]. volume [Ano04-42, Ano04-43, Ano04-44, Ano04-45, Ano04-46, Ano04-47, Ano04-48, Ano04-49, Ano04-50, Ano04-51, Ano04-52, Ano04-53, Ano04-54, Ano04-55, Ano05a, Ano05b, Ano05c, Ano05d, Ano05e, Ano05f, Ano05g, Ano05i, Ano05j, Ano05k, Ano05l, Ano05m, Ano05n, Ano05o, Ano05p, Ano05q, Ano05r, Ano05s, Ano05t, Ano05u, Ano05v, Ano05w, Ano05x, Ano05y, Ano05z, Ano05-33, Ano05-34, Ano05-35, Ano05-36, Ano05-37, Ano05-38, Ano05-46, Ano05-47, Ano05-48, Ano05-51, Ano05-53, Ano05-55, Ano06a, Ano06b, Ano06c, Ano06d, Ano06e, Ano06f, Ano06g, Ano06h, Ano06i, Ano06j, Ano06k, Ano06l, Ano06m, Ano06n, Ano06o, Ano06p, Ano06q, Ano06r, Ano06s, Ano06t, Ano06u, Ano06v, Ano06w, Ano06x, Ano06y, Ano06z, Ano06-28, BDH+05, Cha04, GBA01, KMP09, LTA05, LLC01, MOS00, MOS01, SLMS06, WHJ06, dNKM07]. volume-of-fluid [dNKM07]. VORPAL [MB04]. vortex [ZZ09]. vortices [TQ03]. voxel [LZC+08]. voxel-based [LZC+08]. Vires [Zak00b, KD09, ZY09]. vs [HIJM02, PJSK08]. Vscape [vdB08]. VTF [EFBP04].

W [RP02]. waiting [DS01]. walk [Bal01, GG00]. walks
REFERENCES

WWW [BB03]. Wynn [CHM00].

X
[Hoo04, AGM+00, BB07, BSO+04, BG01, KMCS01, LZC+08, Sal03, Vég04].
X-ray [AGM+00, BB07, BSO+04, BG01, KMCS01, LZC+08, Sal03, Vég04].
Xe [MT02]. XLOOPS [BD02]. xmds [CD01b]. XML [GM00]. xPerm [MG08b]. XSummer [MU06]. xylo [BSB02]. xylo/phosphodiesteric [BSB02]. xylo/phosphonate [BSB02].

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

Zakharov [Wan09a]. Zassenhaus [WS09b]. ZEAL [KVR+00]. Zeeman [AJ08, JG02]. zero [CSW02, Pis00]. zero-dimensional [Pis00]. zeroes [JK02, JJK05]. zeros [GSS06, KVR+00]. ZFITTER [AAC+06, BBC+01b]. ZGB [LA09]. ZnO [GRS06]. Zobrist [MHS05]. zone [Zah04, Zah05]. zones [FBB01].

References


REFERENCES


Allison:2008:GVS


Arbuzo:2006:ZSA


Almeida:2004:SPC


An:2007:DAS

REFERENCES


Amico:2003:PBB


Attig:2005:DSB


Abe:2001:GDV


Ansaloni:2000:PFC


Anikeev:2001:EBL


[ABSM04] F. Alouani-Bibi, M. M. Shoucri, and J.-P. Matte. Different Fokker–Planck approaches to simulate electron transport...

**Ahr:2002:MSI**


**Angeli:2005:CAG**


**Angeli:2005:FMP**


**Ahn:2007:EFC**


**Argenti:2009:BSE**

REFERENCES


Arnold:2008:SIH


Alexander:2003:PSA


Ambrosch-Draxl:2006:LOP


Arter:2002:PES


Alvarez:2005:SSS


Attig:2002:P


Ablamowicz:2005:CGH


Adler:2007:ERV


Amar:2002:KSE


Alcubierre:2005:RSS


Abbasi:2007:VMU

REFERENCES


Apostolakis:2000:PMX


Anderson:2007:QMC


Abrahamyan:2000:TOO


Arnold:2002:MFA


Allfrey:2003:RAN

REFERENCES


Ahn:2008:NTL


Allanach:2008:SUB


Alford:2005:CGL


Alf09


Allton:2001:RLQ


Allanach:2002:SPC

Allen:2005:CSM


Attig:2001:GEL


Alet:2005:CAL


Alvarez:2009:DMR


Amirkhanov:2000:NST

REFERENCES

Alvarez:2004:KCC


Anonymous:2000:BR


Anonymous:2000:Ia


Anonymous:2000: Ib


Anonymous:2000:lc


Anonymous:2000:Id

REFERENCES

Anonymous:2000:If


Anonymous:2000:If


Anonymous:2000:If


Anonymous:2000:If


Anonymous:2000:Ik


Anonymous:2000:Ik

REFERENCES

Anonymous:2000:II


Anonymous:2000:Im


Anonymous:2000:In


Anonymous:2000:Io


Anonymous:2000:Iq


Anonymous:2000:Ir


Anonymous:2000:Io

REFERENCES

Anonymous:2000:Is


Anonymous:2000:It


Anonymous:2000:Iu


Anonymous:2000:Iv


Anonymous:2000:Iw


Anonymous:2000:Ix


Anonymous:2000:IAR

REFERENCES


REFERENCES


Anonymous:2001:AIVg


Anonymous:2001:AAC


Anonymous:2001:Ca


Anonymous:2001:Cb


Anonymous:2001:Cc


Anonymous:2001:CVa

REFERENCES


REFERENCES

Anonymous:2001:CVh


Anonymous:2001:F


Anonymous:2001:ia


Anonymous:2001:Ib


Anonymous:2001:ic


Anonymous:2001:P


Anonymous:2001:PIVa

REFERENCES


REFERENCES

Anonymous:2001:PIVh


Anonymous:2001:PA


Anonymous:2002:ACP


Anonymous:2002:AIa


Anonymous:2002:Alb


Anonymous:2002:AIVa

REFERENCES


Anonymous:2002:CPCb


Anonymous:2002:CPCc


Anonymous:2002:CPCd


Anonymous:2002:CPCe


Anonymous:2002:CPCf


Anonymous:2002:Ca

REFERENCES


REFERENCES


REFERENCES


Anonymous:2003:AIVe


Anonymous:2003:AIVf


Anonymous:2003:AIVg


Anonymous:2003:BCC


Anonymous:2003:CPCa


Anonymous:2003:CPCb


REFERENCES

Anonymous:2003:CPCi


Anonymous:2003:CPCj


Anonymous:2003:CPCk


Anonymous:2003:CPCl


Anonymous:2003:CPCm


Anonymous:2003:CPCn

REFERENCES


REFERENCES

Anonymous:2003:CV


Anonymous:2003:CVb


Anonymous:2003:CVc


Anonymous:2003:CVd


Anonymous:2003:CVe


Anonymous:2003:CVf

REFERENCES


Anonymous:2004:AIVa


Anonymous:2004:AIVb


Anonymous:2004:AIVc


Anonymous:2004:AIVd


Anonymous:2004:AIVE

REFERENCES

Anonymous:2004:AIVf


Anonymous:2004:AIVg


Anonymous:2004:AIVh


Anonymous:2004:AIVi


Anonymous:2004:CPCa


Anonymous:2004:CPCb

REFERENCES

Anonymous:2004:CPCe


Anonymous:2004:CPCd


Anonymous:2004:CPCe


Anonymous:2004:CPCf


Anonymous:2004:CPCg


Anonymous:2004:CPCh

REFERENCES


Anonymous:2004:CPCo


Anonymous:2004:CPCp


Anonymous:2004:CPCq


Anonymous:2004:CPCr


Anonymous:2004:CPCs


Anonymous:2004:CPCt

Anonymous:2004:CPCu


Anonymous:2004:CPCv


Anonymous:2004:CPCw


Anonymous:2004:C


Anonymous:2004:CVa


Anonymous:2004:CVb

Anonymous:2004:CVc


Anonymous:2004:CVd


Anonymous:2004:CVe


Anonymous:2004:CVf


Anonymous:2004:CVg


Anonymous:2004:CVh

REFERENCES


REFERENCES


REFERENCES


Anonymous:2005:AIVf


Anonymous:2005:AIVg


Anonymous:2005:AIVh


Anonymous:2005:AIVi


Anonymous:2005:CC


Anonymous:2005:CPCa

REFERENCES

Anonymous:2005:CPCb


Anonymous:2005:CPCc


Anonymous:2005:CPCd


Anonymous:2005:CPCe


Anonymous:2005:CPCf


Anonymous:2005:CPCg

Anonymous:2005:CPCh


Anonymous:2005:CPCi


Anonymous:2005:CPCj


Anonymous:2005:CPCk


Anonymous:2005:CPCl


Anonymous:2005:CPCm

REFERENCES

Anonymous:2005:CPCn


Anonymous:2005:CPCo


Anonymous:2005:CPCp


Anonymous:2005:CPCq


Anonymous:2005:CPCr


Anonymous:2005:CPCs

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


Anonymous. Editorial Board. Computer Physics Communications, 172(2):??, November 1, 2005. CODEN CPHCBZ. ISSN


REFERENCES


REFERENCES


REFERENCES


REFERENCES


Anonymous:2007:CP


Anonymous:2007:C


Anonymous:2007:EBa


Anonymous:2007:EBb


Anonymous:2007:EBc


Anonymous:2007:EBd


Anonymous:2007:EBe


Anonymous:2007:EBf


Anonymous:2007:EBg


Anonymous:2007:EBh


Anonymous:2007:EBi


Anonymous:2007:EBj


Anonymous:2007:EBk

Anonymous. Editorial Board. *Computer Physics Communications*, 177(3):??, August 1, 2007. CODEN CPHCBZ. ISSN
REFERENCES

Anonymous:2007:EBm


Anonymous:2007:EBn


Anonymous:2007:EBv


Anonymous:2007:EBq


Anonymous:2007:EBr

REFERENCES


REFERENCES


REFERENCES


REFERENCES

Anonymous:2009:AFP


Anonymous:2009:CPCc


Anonymous:2009:CPCa


Anonymous:2009:CPCb


Anonymous:2009:C


Anonymous:2009:EBa

REFERENCES

Anonymous:2009:EBb


Anonymous:2009:EBc


Anonymous:2009:EBd


Anonymous:2009:EBe


Anonymous:2009:EBf


Anonymous:2009:EBg


Anonymous:2009:EBh

REFERENCES


REFERENCES


REFERENCES


REFERENCES


**Aoyagi:2002:GPC**


**Avdelas:2000:EEF**


**Assous:2009:NPA**


**Ackermann:2001:PRN**

Aiba:2009:MIM


Aiba:2006:ENE


Aguado:2001:GFI


Attig:2009:CPP


ALPHA:2004:MCE

REFERENCES


References


REFERENCES


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


REFERENCES


REFERENCES


REFERENCES

Bardin:2001:ZVS


Berndorf:2000:NAP


Baboulin:2009:ASC


Bordeianu:2008:SSP


Berche:2009:URC

REFERENCES


REFERENCES


REFERENCES


REFERENCES

BELLETTI:2008:SSS


BALLISTRERO:2003:FFS


BUTTERWORTH:2003:KCI


BALLAMINUT:2001:WWW


BESSE:2007:NSI

[BCD+07] Christophe Besse, Jean Claudel, Pierre Degond, Fabrice Deluzet, Gérard Gallice, and Christian Tessieras. Numerical simulations of the ionospheric striation model in
REFERENCES


[Bertulani:2003:CPN]


[Burghardt:2005:UES]


[Burgos:2009:UCN]


[Binosi:2009:JGU]

REFERENCES

Bellanger:2004:PCT


Butcher:2003:CSS


Bagneres:2000:CDF


Bauer:2002:OLI


Bennaceur:2005:CSS

REFERENCES


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


**Blaudeck:2003:GSC**


**Belli:2005:NIA**


**Burch:2007:DDI**


**Berg:2008:DPD**


**Han:2007:ASM**

Wen biao Han and Xin hao Liao. The adjustment-stabilization method for constrained systems. *Computer Physics Communications, 177*(6):500–505, September 15, 2007. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (elec-
REFERENCES


REFERENCES


REFERENCES


[BKM05] 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


REFERENCES


Li:2002:RMP

Bertini:2001:PVP

Bailey:2009:RCG

Becker:2009:SFE

Blumlein:2000:ACM
REFERENCES

Blumlein:2004:ARB


Blumlein:2009:SRH


Blackman:2001:GCS


Banavar:2002:SL


Brodatzki:2002:SSG


Bogdanovich:2004:PGC

REFERENCES


REFERENCES


REFERENCES


REFERENCES

Borcherds:2007:PLC


Bowman:2002:PA


Boyle:2009:BAG


Barka:2008:ISB


Bussi:2008:STC

REFERENCES


REFERENCES

[BRB09] Wojciech Broniowski, Maciej Rybczyński, and Piotr Bozek. GLISSANDO: GLauber Initial-State Simulation AND mOre…


REFERENCES

Brunelli:2004:PAS


Bastin:2000:NCO


Blaak:2000:LDR


Bartlett:2003:BTI


Belkov:2004:SAC


Boriso:2004:AIS

[BS04b] A. G. Borisov and S. V. Shabanov. An application of the interpolating scaling functions to wave packet propaga-
REFERENCES

199

Badal:2006:PLS


Belkov:2006:BPA


Brown:2008:NAG


Barvik:2002:FSM


Beyer:2005:PDK

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


REFERENCES


[Becoulet:2007:WTT]


REFERENCES


REFERENCES


REFERENCES


REFERENCES


References


REFERENCES

Chang:2007:ACA


Clark:2008:PIC


Chang:2009:CMP


Castillo-Chara:2002:FIP


Chen:2007:SBN


REFERENCES


REFERENCES


Cerda-Duran:2007:ASL


Cai:2008:ASA


Cox:2002:PHD


Csikor:2001:PPP


Chang:2009:UGM


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


[Cavaglia:2007:CMC]


[Carsugh:2000:SAS]


[Chuluunbaatar:2008:PPC]


[Chuluunbaatar:2009:EPAA]


Chen:2007:PIC


Colasanti:2000:MPV


Colavecchia:2001:NEA


Chuluunbaatar:2008:KNV

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


Cha:2007:NCP


Chekanov:2005:ROO


Cheviakov:2007:GSP


Chen:2005:SIS


Chau:2007:MEV

REFERENCES


REFERENCES


Chen:2009:ALR


Chin:2009:AOD


Chumakov:2006:OJF


Chikatamarla:2008:CGI


Cundy:2009:NMQ


REFERENCES


REFERENCES

Choi:2007:TDF


Cecere:2008:CPB


Celino:2002:FPI


Chakrabarti:2002:DTP


Cucchieri:2003:CSL

REFERENCES

Carles:2006:CCC


Chopard:2000:LGM


Canning:2000:PFM


Collaboration:2003:SSF


Cucchieri:2009:LCG

REFERENCES


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*
REFERENCES


RESOURCES


Cheng:2004:HPD


Chen:2007:TDS


Chen:2008:ETD


Cassol-Seewald:2008:NAG

REFERENCES

Calzavarini:2003:MFC


Chandrasekharan:2002:SLM


Coveney:2007:AHE


Chen:2000:TOI


Colonna:2001:NMS

REFERENCES


REFERENCES


Cao:2000:ECM


deAbreu:2008:DCE


deAndres:2001:AAE


Daniluk:2005:DCR


Daniluk:2005:KCR


Daniluk:2007:ECP

Andrzej Daniluk. An extension of the computer program for dynamical calculations of RHEED intensity oscillations.
REFERENCES


REFERENCES


Duarte:2002:EPS


Dkaki:2000:IDS


DeLauro:2009:LCN


DeRaedt:2005:DEB


DeRaedt:2007:CPS

DeRaedt:2006:EDP


Denner:2003:RMC


deDoncker:2004:CLI


DeWit:2002:ACE


DeFabritiis:2007:PCP


Decyk:2007:UFM


Dilaver:2006:DCI


Deng:2008:IRN


Domínguez-García:2009:JIB


Degrassi:2008:SFC


Domenech-Garret:2009:QOP

REFERENCES


REFERENCES


REFERENCES


REFERENCES

249


REFERENCES


Domany:2005:ADC


Donolato:2002:ANI


Desplat:2001:LPL


Dorfi:2006:TMC


Dehghan:2009:GBH

REFERENCES


<table>
<thead>
<tr>
<th>Reference</th>
<th>Author(s)</th>
<th>Title</th>
<th>Journal</th>
<th>Volume</th>
<th>Issue</th>
<th>Pages</th>
<th>Year</th>
<th>URL</th>
</tr>
</thead>
</table>
REFERENCES


REFERENCES


REFERENCES


Egedal:2004:KSV


Eppler:2000:NCS


Egri:2007:LQV


Elkurdi:2008:FAI

REFERENCES


REFERENCES


Eliasson:2005:PIO


Eliasson:2008:NNG


Elmagraby:2009:POP


Esleta:2008:SRS


El-Moghraby:2003:CMQ

El-Moghraby:2003:EID


Ertl:2009:FLS


Esirkepov:2001:ECC


Esquembre:2002:CPE


Esquembre:2004:EJS


Ehlert:2000:NSR

REFERENCES


**Eggert:2000:PIP**


**Efmov:2007:CAP**


**Fritzsche:2000:CNV**


**Fukunaga:2001:DCG**


**Faraboschi:2001:DTP**

REFERENCES


Fatullayev:2002:NPD


Ferre-Borrull:2001:IHO


Flowe-Borrull:2000:MPS


Fan:2003:DA


Fang:2007:PFN

F[FDM07] Bin Fang, Yuefan Deng, and Glenn Martyna. Performance of the 3D FFT on the 6D network torus QC-DOC parallel supercomputer. Computer Physics Com-
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


**Fritzsche:2000:RRP**


**Fernandes:2001:SSS**


**Fritzsche:2002:RPR**


**Fabianski:2002:SSM**


**Fine:2001:SOF**

REFERENCES


Ferraris:2001:NOR


Fattebert:2004:LSF


Fang:2004:ESC


Filho:2003:NAS


Faure:2002:GFC

REFERENCES


REFERENCES


REFERENCES

Fujimoto:2003:GSA


Fritzsch:2003:MPC


Foley:2005:PAA


Fleischer:2000:SFB


Fukuda:2005:GQR

H. Fukuda, M. Katuya, E. O. Alt, and A. V. Matveenko. Gaussian quadrature rule for arbitrary weight function and in-
REFERENCES


REFERENCES

Ferreira:2006:MST

Fettes:2000:LSD

Forbert:2003:CPS

Fang:2007:FGP

Filippov:2000:CVF


REFERENCES


REFERENCES

Farias:2009:NSN

Fritzche:2001:URP

Fritzche:2009:MPC

FroeseFischer:2000:MAS

Fruhwirth:2003:GMA
REFERENCES


REFERENCES


[Felder:2008:LPL] Gary Felder and Igor Tkachev. LATTICEASY: a program for lattice simulations of scalar fields in an expanding uni-

**FroeseFischer:2007:MAS**


**Frontera:2002:AGS**


**Falloon:2001:EWP**


**Frlez:2001:OGP**


**FroeseFischer:2009:BSG**

Galvanetto:2000:NCL


Gao:2003:LSP


Gallo:2005:GTC


Gheller:2005:MCF


Golosio:2001:NMA

Grasso:2004:NSR


Goedecker:2003:EDF


Gargate:2007:DMP


Gay-Balmaz:2002:LCF


Grossu:2009:VTE

REFERENCES


**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


[GGQ01] Irwin Gaines, Saul Gonzalez, and Sijin Qian. Implementation of an object oriented track reconstruction model

**Guagnelli:2000:SPS**


**Group:2001:CSN**


**Ghani:2005:TCL**


**Gray:2009:SMP**


**Giusti:2003:NTL**

REFERENCES


REFERENCES


REFERENCES


REFERENCES


I. I. Guseinov, B. A. Mamedov, and A. S. Ekenoglu. Exact analytical expressions and numerical analysis of two-
center Franck–Condon factors and matrix elements over dis-
placed harmonic oscillator wave functions. *Computer Physics
Communications*, 175(3):226–231, August 1, 2006. CODEN
CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic). URL

[GMO03] Johannes Gutleber, Steven Murray, and Luciano Orsini. To-
wards a homogeneous architecture for high-energy physics data
acquisition systems. *Computer Physics Communications*, 153(2):
155–163, June 15, 2003. CODEN CPHCBZ. ISSN 0010-4655 (print),
article/pii/S0010465503001619.

[GNZ+09] Xiaoxu Guan, C. J. Noble, O. Zatsarinny, K. Bartschat,
and B. I. Schneider. ALTDSE: An Arnoldi–Lanczos pro-
gram to solve the time-dependent Schrödinger equation. *Com-
puter Physics Communications*, 180(12):2401–2409, December
2009. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-
article/pii/S0010465509001003.

moment for materials with internal rotation of spin groups. *Computer Physics
Communications*, 162(2):102–112, September 15, 2004. CODEN
com/science/article/pii/S0010465504003315.

force field for silicon using OpenMP. *Computer Physics
Communications*, 148(1):124–135, October 1, 2002. CODEN
article/pii/S0010465502004666.

conductivity in the two-dimensional Hubbard model us-


REFERENCES


REFERENCES

Greenwald:2004:BBH


Grebosz:2007:CCI


Grodzicky:2001:CPW


Gates:2001:IDP


Guo:2006:FBM

REFERENCES


REFERENCES


REFERENCES

Gunton:2002:OCS


Gutle:2006:AEI


Galeriu:2004:MNS


Goossens:2001:MCS


Guntert:2001:SCS


Gonnet:2009:SES

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

**Gressel:2007:SIC**


**Gong:2001:GFD**


**Gaigalas:2004:SLN**


**Herrmann:2007:PF**


**Hafner:2007:MSU**

REFERENCES


REFERENCES


Hawke:2005:GW


Hartmann:2005:PTF


Haynes:2000:PFF


He:2008:RWP


Hsu:2006:DPP

REFERENCES


Homann:2007:IFP


Han:2007:ETA


Heelangered:2000:PAS


Hein:2001:GTT


Heermann:2000:TPV


Holub:2006:QHA

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...


Heinemeyer:2000:FPC


Hung:2007:NPS


Hibbert:2001:CFF


Hinde:2000:CAM


Hellmund:2002:HTS


Høyrup:2002:NSS

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


REFERENCES

Hahn:2007:KR

Homan:2002:RGN

Hong:2007:KPS

He:2000:LBS

Hedman:2000:PAQ

Hong:2000:NSP
REFERENCES


REFERENCES


REFERENCES


Ho:2002:CSM


Hsu:2005:SLA


Hasebe:2001:SSE


Horiuchi:2004:SFD


Hong:2004:CDA


REFERENCES


[HSS+08] Zak E. Hughes, Lorna M. Stimson, Henk Slim, Juho S. Lintu-vuori, Jaroslav M. Inytskyi, and Mark R. Wilson. An inves-


REFERENCES


REFERENCES


[HYY07] Satoshi Hamaguchi, Masashi Yamashiro, and Hideaki Yamada. Atomic-level simulation of non-equilibrium surface chemical reactions under plasma-wall interaction. Computer
Huang:2009:NBT


Ismail-Beigi:2000:NAF


Ivanov:2003:OPP


Inoue:2001:DSM


Inoue:2003:DCS

REFERENCES


REFERENCES

Ida:2003:IUS


Ilin:2004:ISI


Isotani:2003:GPA


Inghoff:2001:MPC


Ido:2001:TDM

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


Inglesfield:2001:ES


Nomura:2008:SPA


Inui:2007:NER


Ishikawa:2000:SPC


Ohe:2001:ACN

REFERENCES

Ixaru:2001:GQR


Satake:2008:SHS


Isobe:2001:MMD


Satake:2008:SPC


Ihrig:2002:QCP

REFERENCES

329


[itVPG08] 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


REFERENCES


[JG02] Per Jönsson and Stefan Gustafsson. A program for computing weak and intermediate field Zeeman splittings

**Jeon:2009:EPA**


**Jacobs:2009:IET**


**Jiang:2009:SDR**


**Jonsson:2007:GRA**


**Jiang:2008:CAH**

T. F. Jiang. Calculation of atomic hydrogen and its photoelectron spectra in momentum space. *Computer Physics*
Jeong:2003:SPH


Janke:2005:CEG


Jiang:2001:IAL


Janke:2002:DPF


Janecek:2008:FSP

REFERENCES


Jeon:2008:PTC


Jasberg:2000:HFA


Jacholkowska:2000:LSA


Jacholkowska:2006:ELS


Jiang:2007:MSM


REFERENCES


Janke:2005:GPT


Jadach:2006:SCM


Jadach:2007:MCV


Jureit:2008:FSM


Jin:2006:EEM

REFERENCES


REFERENCES

Kolobov:2004:FDF


Komatsu:2005:NDN


Kanth:2009:DTM


Kendall:2000:HPC


Kranjc:2007:SMH

REFERENCES


REFERENCES


REFERENCES

Koradi:2000:PCD

Klosiewicz:2009:UPA

Kalia:2000:MAM

Kirk:2000:ACC

Kim:2007:PSM
Korkmaz:2009:SWS


Klasovitskii:2004:NPD


Klintenberg:2000:ACF


Kadau:2002:MDS


Kenzler:2001:PSC

REFERENCES


REFERENCES


REFERENCES


Koga:2001:QPT


Krawczyk:2004:HFE


Krawczyk:2005:LSS


Kurihara:2006:NCI


Kleimann:2004:TDM

REFERENCES

351


Kim:2007:CNF


Kwak:2007:DWB


Kuhn:2001:APC


Kapoyannis:2006:NAE


Kang:2007:FPA

Krawczyk:2002:NCA


Kaya:2004:RAF


Kholodov:2004:NSC


Kim:2001:ERE


Kleiss:2006:EMC

REFERENCES


REFERENCES


Krivec:2001:NIQ


Krivec:2003:QAQ


Krajewski:2005:MBQ


Krivec:2006:QMW


Kireev:2008:RTJ


Krivec:2008:QAC


REFERENCES


Kroetz:2009:TCF


Kalogiratou:2009:CES


Kioutsioukis:2005:ESC


Krstic:2007:IFO


Kubota:2007:ENM

REFERENCES


REFERENCES


REFERENCES


[KP01] Sascha Kempf and Susanne Pfalzner. An effective algorithm for simulating diffusion-driven aggregation. *Computer...


REFERENCES


REFERENCES


REFERENCES

Kandhai:2000:FDL


Kremer:2005:EPS


King:2002:NEH


Kim:2004:HKM


Karsch:2002:CFD

REFERENCES

Krauss:2006:APC


Kruger:2004:FBS


Kosarev:2003:DPS


Kholmurodov:2000:HVL


Katz:2004:LSO

REFERENCES


REFERENCES


REFERENCES

Kim:2007:RAT


Kalafut:2008:OMI


Kravanja:2000:ZMS


Krogh:2003:CEH


Kiselev:2007:CIS

Kuhn:2008:PCS


Wong:2001:MCC


Kim:2007:TSS


Kostomarov:2000:PET


Loscar:2009:HEF

Ladd:2009:FRN


Lozovoi:2001:SEE


Laforest:2003:BRB


Limbach:2006:EES


Landau:2007:CPE


Likhachev:2001:OCC


Linna:2004:UPB


Levitina:2000:SEE


Liang:2004:PSP


Levitina:2009:FDF


Levy:2005:DCM

REFERENCES


REFERENCES


Lorin:2007:NMS

Lee:2009:CIC

Li:2009:SBL

Lignieres:2000:NSM

Lee:2004:ECB
REFERENCES


REFERENCES


Lythe:2001:SPC

Limbach:2002:CPP

Li:2003:NNA

Langridge:2001:EST

Langridge:2002:RCE
REFERENCES


REFERENCES


REFERENCES


[LKKK07] Gyuchang Lim, Soo Yoo Kim, Ji-Hyun Kang, and Kyungsik Kim. Dynamical models of high-frequency data analysis. *Computer...
REFERENCES

Liljo:2008:ODE


Lyubartsev:2000:MDM


Li:2004:RMP


Lee:2007:PPS


Liu:2008:ABT


**Li:2001:NPA**


**Lee:2007:CNS**


**Lough:2001:ETT**


**Llopis:2008:CHI**


**Li:2002:NSQ**

[LLT+02] Yiming Li, Jam-Wem Lee, Ting-Wei Tang, Tien-Sheng Chao, Tan-Fu Lei, and S. M. Sze. Numerical simulation
References


Li:2001:EEL


Lee:2007:QSA


Lunney:2000:CBD


Lakshminarasimhulu:2002:CMB

Lyulin:2002:LSC

Li:2003:SCE

Likos:2008:CFS

Lokhtin:2009:HIE

Lopez:2002:CSS
Loison:2005:FDL


Lee:2001:FPS


Love:2003:SAF


Lee:2001:TCS


Lee:2001:UMB

REFERENCES


See corrigendum [LPR04].

**Lorca:2006:ITL**

**Leung:2007:EPI**

**Ledoux:2006:SSEa**

**Lopez:2009:DPA**

**Lugosi:2001:CME**
Lange:2002:SAL


Loverich:2005:DGM


Luo:2009:CCG


Lee:2007:PBC


Liu:2008:AMD


Landau:2005:MCS


Lee:2009:FPA


Lin:2009:ESS


Luding:2002:MSM


Luo:2000:SRR

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


REFERENCES


REFERENCES


Ledoux:2007:NPS


Ledoux:2009:ECH


Li:2007:NIU


Landau:2008:CEB


Lo:2001:GAE
REFERENCES


[Li:2006:MFD]


[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

REFERENCES


Martin:2001:CLS


Marro:2008:BCM


Masjukov:2000:MCM


Mason:2005:FNL


Mazziotta:2000:MCC


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


Matin:2003:CNL


Matin:2003:CNL


Matin:2003:CNL


Matin:2003:CNL


Matin:2003:CNL


Matin:2003:CNL


Murtagh:2000:FAI


Meijer:2001:TDW

REFERENCES


Marini:2009:YIT


Messina:2002:CIC


Morte:2005:ILC


Mattila:2007:ESA


Mason:2005:FRS

REFERENCES


Miniati:2001:CNC


Munster:2002:DIS


Mocken:2005:RSL


Mocken:2008:FSO


Monaghan:2009:SPB


Mischler:2002:CIM

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


[MP01b] V. E. Moiseenko and V. V. Pilipenko. Local solution method for numerical solving of the wave propagation problem. *Computer Physics Communications*, 141(3):342–349, December 1,


REFERENCES


Merimaa:2000:ISP


Masia:2005:PMP


Muller:2009:HBC


Maggs:2005:AFS


Martin:2006:TPC

REFERENCES


Matsumoto:2008:ICA


Michel:2008:FCG


Moritsugu:2009:RPC


Martin-Samos:2009:SOS


Mazrooei-Sebdani:2008:NTR

REFERENCES

Munejiri:2001:PIP


Mostofi:2002:TEC


Mostofi:2020:CTE


McCurdy:2002:FDS


McGrath:2005:TMC

[MSK+05] Matthew J. McGrath, J. Ilja Siepmann, I-Feng W. Kuo, Christopher J. Mundy, Joost VandeVondele, Michiel Sprik,

**Makhlin:2000:JJQ**


**Meyer:2007:EHT**


**Mazza:2009:CMC**


**Makabe:2007:PEF**


REFERENCES


REFERENCES


[Manfredi:2004:VSP]

[Martin-Vaquero:2009:SOS]

[McBride:2005:NMM]

[Matsuoka:2001:ADF]

[McCarthy:2001:ESC]
Malevanets:2000:MVD


Malevanets:2000:PBA


Manzhos:2009:FSM


Mizoe:2001:NSS


Mostofi:2008:WTO


REFERENCES


REFERENCES


REFERENCES

Nemnes:2009:SBA


Nakayama:2007:IPF


Nakamura:2001:IAA


Niimura:2000:LGM


Nikolopoulos:2003:PIC


REFERENCES


Neaton:2005:ETO


Nikunen:2003:HWY


Nam:2007:KSC


Nduwayo:2009:SBS


Natarajan:2001:AMG

REFERENCES


References


Nutaro:2001:AGT


Nakamura:2001:FST


Nagasima:2002:GES


Neizvestny:2002:MEG


Nanbu:2004:SMP

Kenichi Nanbu and Lizhu Tong. Solution method of the Poisson equation for the electric field with a thin sheath. *Com-
REFERENCES


Nakamura:2005:PDS


Nurhuda:2004:DDS


Nam:2009:GMH


Naumkin:2002:DMP

Britta Nestler and Adam A. Wheeler. Phase-field modeling of multi-phase solidification. *Computer Physics Com-

Nestler:2002:PFM
REFERENCES


REFERENCES


Omeltchenko:2000:SLS


Ogata:2003:SPI


Ouared:2008:TMI


Oh:2007:EPI

Obserhofer:2008:OBF


Ozdogan:2002:PTB


Okuyan:2007:PIE


Ortiz:2002:SFQ


Ovcharenko:2003:GGM

REFERENCES


Ogoyski:2004:COSb


Olivieri:2001:OFM


Ogata:2001:HFE


Ostrikov:2007:CPN


ORourke:2000:IAN

S. F. C. O’Rourke, D. M. McSherry, and D. S. F. Crothers. ION-ATOM/NEON — calculation of ionization cross sections by fast ion impact for neutral target atoms rang-


REFERENCES


[OSK+02] Shuji Ogata, Fuyuki Shimojo, Rajiv K. Kalia, Aiichiro Nakano, and Priya Vashishta. Hybrid quantum mechanical/molecular


M. Plummer, E. A. G. Armour, A. C. Todd, C. P. Franklin, and J. N. Cooper. ‘tt `tripleint_cc’: a program for 2-centre variational leptonic Coulomb potential matrix elements using Hylleraas-type trial functions, with a performance optimization


REFERENCES


REFERENCES


Pagonabarraga:2005:MLM


Parker:2000:EGI


Popovich:2006:FWS


Pravia:2002:TNI


Petrov:2008:TDE

REFERENCES


REFERENCES

Pagaran:2006:MPC


Parpia:2006:GPL


Pitt-Francis:2009:CTD


Phuong:2002:DCF


Patra:2007:LRI

[PHF+07] Michael Patra, Marja T. Hyvönen, Emma Falck, Mohsen Sabouri-Ghomi, Ilpo Vattulainen, and Mikko Karttunen. Long-


[PJK00] A. Pashov, W. Jastrzębski, and P. Kowalczyk. Construction of potential curves for diatomic molecular states by the

**[Praprotnik:2008:SAS]**


**[PJSK08]**


**[PK01]**


**[PKB+01]**

REFERENCES


REFERENCES


REFERENCES


[PMH08] Stoyan Piso, Oksana Melikhova, and Marc Hou. Mechanical properties of agco nanostructured nanowires. *Computer
REFERENCES


Privman:2002:QCS


Pichl:2000:ATS


Poghosyan:2005:PCS


Pointon:2008:SOE


Pointon:2009:ESO

REFERENCES


REFERENCES

Palazzari:2001:P


Pozzorini:2006:PNE


Portes:2009:CPD


Proykova:2000:HIR


Paul:2008:PTS


Pal:2008:FPS

Hridis Kumar Pal and Alok Shukla. A Fortran 90 program to solve the Hartree–Fock equations for interacting spin-
REFERENCES


**Poghosyan:2009:NPV**


**Pongracz:2006:ADC**


**Pohn:2001:SFCa**


**Pohn:2001:SFCb**

REFERENCES


[Publisher:2007:PNN] The Publisher. Publisher’s note — new editorial system. Computer Physics Communications, 176(1):ix, January 1,
REFERENCES


REFERENCES

Peng:2000:DVQ

Qteish:2005:EEC

Quinet:2005:RSR

Quesada:2003:DRN

Qiang:2004:TDP
REFERENCES


Qiao:2009:EEG


Xu:2008:SPI


Xu:2009:NPT


Xu:2004:SCP


Qi:2007:FMD


Ramos:2003:LMC

Ramos:2004:PQT


Ramos:2005:NTO


Ramadan:2010:AFA


Ramadan:2012:UME


Rapaport:2002:CMD

REFERENCES


REFERENCES


REFERENCES

Ramdas:2009:ESE

Refson:2000:MPM

Rykhlinskaya:2004:UGT

Radtke:2005:SQQ

Rykhlinskaya:2005:GMS

Radtke:2006:SQQ
T. Radtke and S. Fritzsche. Simulation of n-qubit quantum systems. II. Separability and entanglement. *Computer
REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


Rios:2003:IAF


Rigol:2009:TPQ


Ritley:2001:DEP


Raiskinmaki:2000:SNS


Ratto:2001:SAM

REFERENCES


REFERENCES


REFERENCES

Stijnman:2003:PSP


Subbarao:2004:CSC


Subba:2008:FMA


Sciortino:2005:RCG


Smolarski:2006:PSA


REPRESENTATIONS


REFERENCES


REFERENCES


Sjostrand:2001:HEP


Semenov:2009:LPA


Sevastianov:2000:PSC


Strandlie:2000:AMF


Schilling:2005:NSA


Speer:2006:GSF

Sonnendrucker:2004:VSB


Sfilogoi:2001:DHK


Sfilogoi:2007:CC


Swendsen:2005:AIM


Seeger:2001:RWF

REFERENCES

Suarez:2009:MSM


Sanna:2000:SPC


Segura:2000:ETH


Storer:2001:RMM


Schroder:2004:FBS


Spirkin:2004:UPS

Anton Spirkin and Nikolaos A. Gatsonis. Unstructured 3D PIC simulations of the flow in a retarding potential analyzer. *Com-
REFERENCES


REFERENCES


REFERENCES


Shebalin:2003:SAS


Shevchenko:2008:SCB


Sugie:2004:SPCa


Shimobaba:2002:SPC


Shiers:2007:WLC

Shiers:2009:GTC


Simek:2007:CSN


Shoucri:2004:AFS


Shoucri:2007:NSS


Spray:2008:PLQ


REFERENCES

**Smirnov:2002:ESS**


**Samtaney:2004:AMR**


**Scott:2007:NHC**


**Sturesson:2007:JFP**


**Shin:2007:TCI**

**REFERENCES**


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES

Stamatiadis:2000:ATA

Straatsma:2000:NEP

Strauss:2004:MSR

Singh:2009:AAL

Schapotschnikow:2007:SAA
Sun:2003:MSM


Simpson:2001:ALM


Souaille:2001:EWH


Shamsi:2005:SHI


Salam:2009:HOP

Srivastava:2001:GEP


Steinbeck:2000:EGS


Schlier:2000:HOS


Slabospitsky:2002:TSE


Sutmann:2002:CFS


Sutmann:2005:PPP

Godehard Sutmann and Bernhard Steffen. A particle–particle particle–multigrid method for long-range interac-


REFERENCES


**Steinhofel:2007:RTC**


**Strozzi:2004:SLP**


**Scott:2009:STD**


**Senda:2001:SPL**


**Selke:2002:FSC**

REFERENCES


P. D. Stevenson. Analytic angular momentum coupling coefficient calculators. *Computer Physics Communications*, 147
Stegailo:2005:HHM


Suetomi:2000:TDF


Streltsov:2000:ACL


Strunin:2001:CAS


Strunin:2001:TTD


REFERENCES


Srinivasan:2000:PFP


Shekhovtsova:2009:FMC


Simula:2001:QCD


Simos:2000:PSH


Skrzypek:2000:HGF

REFERENCES

Shao:2009:APN


Shu:2003:OTP


Swendsen:2002:CSP


Strandlie:2000:PTF


Swift:2004:UHC


Seaton:2009:WLS

D. T. Seaton, T. Wüst, and D. P. Landau. A Wang–Landau study of the phase transitions in a flexible homopoly-
REFERENCES
<table>
<thead>
<tr>
<th>Reference</th>
<th>Title</th>
<th>Authors</th>
<th>Journal</th>
<th>Volume</th>
<th>Issue</th>
<th>Pages</th>
<th>Date</th>
<th>Digital Object Identifier</th>
</tr>
</thead>
</table>
REFERENCES


Talman:2009:NSC


Tamine:2003:MIM


Taguchi:2004:SHE


Tablero:2001:GFI


Tatekawa:2007:PTD

References


REFERENCES

Taran
tola:2012:CTS


Thacker:2006:PAC


Turner:2007:MDF


Teixeira:2000:MST


Tsunoda:2000:NST


Toth:2002:MNL


Thieulot:2005:NID


Tehrani:2001:BPR


Tilson:2000:PSO


Tentyukov:2000:FDA


Tentyukov:2004:PCF

M. Tentyukov and J. Fleischer. Parallel computation of Feynman diagrams with DIANA. *Computer Physics Com-
REFERENCES


Ioannis G. Tsoulos, Dimitris Gavrilis, and Evangelos Dermatas. GDF v2.0, an enhanced version of GDF. *Computer Physics Communications*, 177(12):976–977, December 15, 2007. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-
Torras:2007:PSA


Theodorou:2005:HMA


Tackett:2001:PAW


Thompson:2001:CSF


Thompson:2004:EBB

I. J. Thompson. Erratum to \textit{Modified Bessel functions }$I_
u(z)$ \textit{and }$K_
REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES

Toth:2008:QVP


Tews:2001:SRC


Theory:2004:DPW


Thibert-Plante:2003:SSA


Tian:2003:ESS

REFERENCES


REFERENCES

Tanaka:2002:RRD


Taioli:2006:WWP


Tentyukov:2007:EFS


Tong:2009:RUH


Tomiya:2001:NAL

REFERENCES


Yu. A. Ukolov, N. A. Chekanov, A. A. Gusev, V. A. Rostovtsev, S. I. Vinitsky, and Y. Uwano. A REDUCE pro-

**REFERENCES**


[ULA+02] Alfred Uhlherr, Stephen J. Leak, Nadia E. Adam, Per E. Nyberg, Manolis Doxastakis, Vlasis G. Mavrantzas, and

Umeda:2012:NOC


Umeda:2001:IMM


Umeda:2003:NCC


Ursescu:2005:SAC

REFERENCES


REFERENCES


REFERENCES


REFERENCES


[VBFD01] Vlăd:2001:GFS

[VBFD01] VanDyck:2005:YAD


[VBFD01] VanDeun:2008:IPB


[VBFD01] Vaiana:2005:AMM


[VBFD01] Vay:2004:IMR


vanderSman:2008:EDD


vanErp:2008:EPS


Vegh:2004:SER


VanLier:2008:ADC


Verges:2000:BCB

REFERENCES

Verboncoeur:2004:AEF


VanDyk:2003:GHB


VanDyk:2003:NHA


vonHippel:2006:TAO


vonHippel:2007:NVA


vanHameren:2000:FAG

[vHK00] André van Hameren and Ronald Kleiss. A fast algorithm for generating a uniform distribution inside a high-dimensional

**vonHippel:2008:EFM**


**Voglis:2009:NDL**


**Viehland:2001:IAI**


**Viola:2004:BRB**


**VandenBerghe:2001:OIE**


REFERENCES

Virnau:2002:PDH


Vogt:2005:EEU


Voigt:2002:QDD


Voigt:2003:AQD


Vormoor:2002:LSF

REFERENCES


C. Voglis, K. E. Parsopoulos, D. G. Papageorgiou, I. E. Lagaris, and M. N. Vrahatis. MEMPSODE: a global op-

**Virtanen:2001:CMS**


**Vlachos:2006:PPC**


**Vu:2000:LFL**


**Vladuca:2000:SCC**

Volobuev:2000:MSQ


Volobuev:2000:SMQ


Vulcano:2003:CDE


Vollinga:2005:NEM


Velichko:2002:MCS


Wolff:2007:EMC


**Walder:2003:DSM**


**Wang:2000:BRB**


**Wander:2001:NML**


**Wang:2005:NEA**


**Wang:2005:PSL**

REFERENCES


REFERENCES


REFERENCES


REFERENCES


References


**Wu:2002:BPR**


**Wilding:2002: NSA**


**Williams:2009:NOO**


**Wang:2009:POE**


**Wenckebach:2002: OAI**


Wensink:2008:LTS


Wong:2004:RCK


Winstead:2000:PCS


Wang:2009:PP1


Weber:2005:TSC


REFERENCES


REFERENCES


REFERENCES


REFERENCES


[Xia01] Feng Xiao. Implementations of multi-fluid hydrodynamic simulations on distributed memory computer with a fully par-


REFERENCES


Yan:2002:EJE


Yan:2003:MNDa


Yan:2003:MNDb


Yan:2003:NEJ


Yan:2003:REV

Yang:2009:FAM


Yao:2009:SDE


Yan:2002:NCS


Yepez:2002:EAQ


Yip:2007:MCM


REFERENCES

Yamazaki:2002:MPT


Yamasaki:2002:NAA


Yun:2007:ISP


Yousif:2003:CBF


Ma:2001:NSF

Yamamoto:2005:FI


Yang:2005:GSP


Yamamoto:2005:MRH


Yokota:2009:FMM


Yang:2009:IET


Yoshida:2009:SSS


Young:2002:SGC


Young:2005:RNR


Younes:2009:GME


Yoo:2007:PSS


Yagi:2009:DMS

Manabu Yagi, Kanako Seki, and Yosuke Matsumoto. Development of a magnetohydrodynamic simulation code satisfying the solenoidal magnetic field condition. *Computer Physics Communications*, 180(9):1550–1557, September 2009. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (elec-

**Yanchitsky:2001:DSG**


**Yoshinaga:2001:NAL**


**Yurtsever:2002:MCR**


**Yu:2005:APM**


**Yu:2000:IFP**


REFERENCES

Zimmermann:2001:OPL


Zaharioudakis:2000:CST


Zaharioudakis:2001:CST


Zaharioudakis:2004:TMB


Zaharioudakis:2005:QCT


Zaki:2000:SWI

[Zak00a] S. I. Zaki. Solitary wave interactions for the modified equal width equation. *Computer Physics Communications*, 126
REFERENCES


Zaki:2000:SWK


Zaki:2001:SWS


Zakrzewski:2006:HPS


Zatsarinny:2006:BBS


Zhang:2006:CFS

Zasada:2009:VAS


Zhou:2005:LLR


Zaloj:2000:PCM


Zatsarinny:2000:GPC


Zatsarinny:2009:ASC

REFERENCES


REFERENCES

Ziegler:2008:NCP


Zimmermann:2002:EDS


Zimmermann:2005:SCC


Zitko:2009:ALD


Zhang:2005:QSR

Zhao:2009:MWA


Zuccaro:2004:PCS


Zhang:2000:SDC


Zerbetto:2009:SES


Zakynthinaki:2003:SOT

Zakynthinaki:2007:SOM


Zakynthinaki:2008:SOCb


Zakynthinaki:2008:SOCa


Zaitsev:2004:NSS

Zhou:2005:CEB


Zia:2000:CBE


Zhao:2005:IFO


Zhang:2004:CNA


Zhang:2009:LBM
