Title word cross-reference

$\{O_m|\alpha_n\}$ [De02], * [Tos08]. 0, 1 [DC00]. 1 [KNU00, SQ03, YRR07]. 1/2 [PS08]. 10 [GRR01]. 1s [JK01]. 2
[AH02, BJ05b, CSW02, FM00, GFP00, GMBC08, KNU00, MLF07, NHS07, PAT+09, SMV01, SBCZ08, TPYY03, WCG04]. 2.0 [RS00]. 2p+ [JK01]. 3
[Aok01, BD00, Bal07, BFH05, CCFG05, Cha04, CBBJ02, DGV08, EL04, FDM07, FV02, GMB02, GS01a, GBD03, GBA01, GMBC08, HG02a, HBR05, JW02, KKSRO4, KMZZ05, MZB+04, MNV00, NSYZ02, PCV06, QRO1, QTL06, RLRR06, SJCM04, SG04b, SBB03, SG01, TAM04, WLH00, WCG04, WHL+07, XON08]. 3/2 [DKC08]. 4 [CBBJ02, Tör00, WLH00]. 4fγ [KJ04]. 6 [FMD07], 7 × 7 [LK07]. 8 [GCP+02]. −1 [CRUV00]. 2II [HC08]. 3 [MNY00b]. 3M [Eas08]. 4 [KM00b]. (R) [MBKJ09]. 0.3 [JK01]. 0.7 [JK01].
12 [KMD+02, NT05]. 2
[CM02a, EVL00, Gha05, Gro01, HTA08, TAP01, VMMB02]. 4 [KPL07]. 6
[KMD+02, NT05]. m [MTJ02]. n [MTJ02]. ± [GCP+02].
$ABC + D \rightarrow AB + CD$ [MGG08]. α [LDZ+08, RJCH00]. α → [KMH02]. B
GDAG05a, GDAG05b, GFS03, HSJ02, Huj05, HLB06, IVD03, JAT03, JGJ09, KKK06, KKS04, KP01, KM00a, KM01b, Kos05, LM02a, LOL06, LTG09, LZC08, LB04, Lüs05, MDS09, MY00b, MBG03, MS08a, MHR07, Mei01, MP05, Nak07, Nak08, NH09, NP01b, iNKNV08, NRR01, OCK07, OCS08, PD08, PSC03, PSH06, PCYC02, PB09b, RD05, RK05, RK06, RLU00, ST02, iSAK08, SHX02, SOYN01, SHI02, SKNV05, SWC03, SPS09, Sug01, SWP03, Tak00, TC00, TPYV03. algorithm [TB85, Tho04b, Tót06, TL08a, TCO00, UJSW06, Wan05a, WWF08, WT01, WK02, YH02, Yan03c, Yan03d, YZW02, YWLC04, YD07, Zha08, ZLL09, vHK00, ML03].

Algorithm [AHS09, VPCK04, XC03]. Algorithms [BMSG01, CTSZ07, FBB01, VBFM05, AAP03, ACK05, BBD09, BOG07, CC07, CMR01, CM03, Fd009, FHW01, GGL03, JC07, KCC00, KF05a, KPF03, LPC08, Lzs06, LZS08, MP01a, MRS04, Mey02, MKJ05, MHK05, Müs02a, OMY01, OF02, OMF03, SKNV01, SPS08a, UTKF05, VAMVR08, VPP12, WL00, WC00, WCBN05, Zim02]. Aliasing [Ver04].

ALICE [Ano01a]. aligned [EMJH03b]. Alignment [LVH07, AAM01, AP05]. alkali [KB02]. alkane [RJCH00]. alkane/hydroxylated [RJCH00]. alkyl [SPV07]. all-to-all [FJC05]. allosteric [LOY07]. allotropes [AP09]. alloyed [SG05]. alloys [Bur02, SS01]. AlN [QASF05]. alone [DGR09]. along [SGF03]. also [Var02]. ALTDSE [GNZ09]. Alternating [XZ12]. aluminum [LC08b, RJCH00]. ambipolar [WTH04]. AMBRE [GKR07]. amorphous [BH03, CCRA05, LM02b, MKB02, NJ01, The05]. amphiphilic [LMS05, LNC03, NT05]. amplification [HS07, HW09, Kk05]. amplified [SJH07]. amplitude [Cl07, KlTH04, Ks01]. amplitudes [BBJS99, FFJ03, Hah01, Kp00]. AMR [CDQF07]. AMRA [PM01]. AMS [SM01]. analog [AP04]. analogues [IN02]. analyses [IH01]. Analysing [KS04b]. Analysis [CL03, Dom05, RDSS01a, SZ00b, ATIO06, ASJ03, AdlT03, Ano01a, Ano09t, BfMh01, BLCR05, BSO6b, BBD00, BFB08, BDF08, CK09, CG00, CCG09, Che05, CD09a, Gre07, Gme06, HDGM07, HC08, HCO01, HF06, Issc01, JkCGJ08, Jc01, Kks04, Knu00, Kj07, Kr05, Lkkk07, Lz00, Liu07a, Lrr09, Ml03, Mnyy00a, Mnyy00b, Mss09, Mei01, MD00, MM07, Mkk05, Mm09, Os00b, dRbP09, Prsb08, Ram10, Rts01, Rpy07, Rs01, Rf04, Sknv01, Sps09, Sr01b, SkH02b, Suz09, Tcy08, Tbz12, TdRgD09, Tk09, Ty01, Tbr07, Van05c, Xc03, Yan09, Zbb06].

Analytic [Bli00, Di02, Gut06, Ste02, Bdh05, Cza06, Dra01, Gss06, Kvr05, Sp09]. Analytical [Don02, Pnh00, Aac06, Bbc01b, Bso8, Dk05, Dol01, Gme06, Hg02b, Lj09a, Re09, Ww06]. analytically [OMF03]. analyzer [Sg04b, Tt00]. analyzing [Rc04, Yh02]. anchoring [Ls02]. and/or [Wl01]. Anderson [Cmr02, Yh02]. aneurysms [Ocs08]. angle [Cgg00, Gw01b, Zdkg05]. Angular [Dun05, Yos07, Bso4a, Dk05, Fbt01, 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, FH00, Sch06a, TL06a]. annihilation
[AAC+06, BBC+01b, WCBN05]. Announcement
[Ano01-39, Ano07-29, Ohl04, vH07]. anodic [LC08b]. anomalous
[BKKS09, JKW00, JKW06, PSM00]. antenna [CLL+07, LCS07, PHKL02].
annealing [BH03, CEM08, FHF00, Sch06a, TL06a]. applied
[Bes02, CRS05, CCBL02, CGA+07,
CGVA08, CGVA09a, CD04, CB05, DC05a, FD03, FGF03, GBA01, HKK+01,
Hon04, HCK00, Huk02, IKO00, IN02, KKKC07, Ker02, KSHP02, KM03,
KM08b, LJ01, LH03, LJ09a, MC03, Man02, MT01, MGG05, MM01, NM03,
Niu00, OLS+01, PLL07, Piso00, PFPB+09, RTO01, RM05b, RL05+08,
RGD+01, SS09a, SG00a, SM04, SM06a, SBM09b, Sch06b, SDM09, Sko05,
Teh01, TKSR00, THC+07, VF03b, VKM+05, Wil02, WW06, Yak01, Yok09,
YT01b, YG09, ZE00, ZPB09, SBM09a]. approaches
[ABSM04, BBK+06, IHAR09, PKKM02, PJSK08]. approximants
[FF04, RB05]. approximate [WW06]. approximating [HKP02].
Approximation [AA08, Sc05, AT09, CSEK08, EK09, FH04, Fr03,
GSM+03, Inn07, MSB09, OvSA02, OKN02, PMG07, PCC01, Pom06, Ram01,
Rob01, Roy09, SWY01, Tör00, Vak00]. approximations
[DCJ07, SK08, SSA07, XD08]. APW [TKN+08]. aquifer [Alf05].
ARANEA [MCLDP01]. Arbitrarily [SW09]. Arbitrary
[SLMS06, BD00, BSO0a, CJK09, Esi01, FKAM05, IW01, KS05, Kos05,
LM02a, LL00, MK09, OKS04, XSC09, Zak06, vH06, vH07]. arbitrary-order
[vH06, vH07]. arbitrary-precision [KS05]. architecture
[BBB+01, EFS+08, EL04, GM003, ISSC01, Oi01, PKB+01, Svs01, SIE04].
architecture/circuit [Oli01]. architectures
[REAB09, TG00, VHL09, vDG+09]. archive [FFS01]. arclength
area [BDH+05, CLL+07, SM01]. argon [HKLY07, MOC03].
argon-calculation [MOC03]. ARGON.f90 [BOPC05]. argument [TB87, Tho04a]. arguments [TB85, Tho04b]. arising
[HL08b, HZGZ09, Mam08, Moh08, Ram05, SPS09]. ARKN
[WYL09, WYX09]. Arnoldi [GNZ+07, MOC03].
argument [TB87, Tho04a]. arguments [TB85, Tho04b]. arising
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[WYL09, WYX09]. Arnoldi [GNZ+07, MOC03].
argument [TB87, Tho04a]. arguments [TB85, Tho04b]. arising
[HL08b, HZGZ09, Mam08, Moh08, Ram05, SPS09]. ARKN
[WYL09, WYX09]. Arnoldi [GNZ+07, MOC03].
Automata [BBDO0, STA00, TCO00, VK09b]. Automated [HVHHM09, VEG08, PB09b]. Automatic [ANO01n, DE 02, FIJ+03, KAU03, LJO8, MP01a, SMK01, KOL09, PAP01, RMM02, SEM09, SPF00, STR05, VHO6, VHO7]. Automation [M00].

Automatized [CZA06], automaton [HS01a, KKM02, RDS02a, RDS02b]. Automodal [DKV00]. Auxiliary [MR05, BAE03, BAE04, ZKASS05].

AV77 [CDF05]. Avalanches [FV02]. averaged [CBK01]. avoiding [JEN01]. Award [ANO04a, ANO04c]. Axially [SDN05]. axis [LVH07].

Axisymmetric [SM06b, BFI00, DNKM02]. Azurin [DC05a]. B [TAP01, AAM+01, AC09, FZ09, NIK03, TD03, ZAT06]. B-spline [FZ09, TD03, ZAT06]. B-splines [AC09, NIK03]. BaBar [ADD+03, TEO1]. background [CON04, JPS+01b]. backlight [CFJ09]. Bäcklund [LL08].

backscattering [WSB04]. backsubstitution [SG06]. backward [HS07, HW09, SGM+09]. BAGEL [BOY09]. Baker [WS09b]. balance [BD08, CD09a, ZSD+08]. balancing [PSP+03]. Ballistic [RDAGV+00]. balloon [ADT03]. ballooning [SHW01]. band [GRS01, HKK+01, JC01, MS06, NAK08, PL05, PDA06, PAD07, SHX02, SYM00, WP00].

band-structure [MS06, SYM00]. bank [AL08b]. bar [CDQF07]. bar-mode [CDQF07]. Barnes [ADA04, CZA06, GKR07]. barrier [DLZ08, LLY07].

barriers [TKP06]. baryons [CWW07]. Base [CCFG05]. based [ABC+03, BCC+08, BDBV12, BUR02, CIA07, CSZ+07, CCR+05, DDM05, DBE+04, DRG09, DHBE05, FBB01, FK00, FKP03, GMA+07, GKK+08, HSJ02, IH09, ISS+02, JP09, KKK07, KH09, KSTL03, KKH07, LM02a, LRI+06, LJY07, LNV+09, LZZ+08, LKC06, LCV06, LF02b, LM00, MY00b, MAN04, MLG+01, MLF07, MM05, RDP+05, RGR+04, ISX05, SKN01, SKN05, SJH07, TS06, TY+00, UK02a, UK02b, VF03a, VEG08, VPP+12, WL00, WCGL00, WDB04, WH00, YOK09, ZIE04, dMBC+06, dRL09].

Baseline [HKL+07a, HKL+07b, HILW05]. bases [BRD04]. basis [BP08a, BC00, DD00, DO04, DO05, DSC+09, FA00, GFG+06, HUA09, KTT09, KTL05, MBR01, MN01, MAM04, MAM07, MSHP02, PIT05, RB08, SDN05, SUZ00, THM01, TS06, TKN+08, UYK+04, YON09]. basis-set [TS06]. BAT [CKK09]. Batch [BFL+01]. Bauer [OLML09]. Bayesian [CKK09]. bcc [YKK07, TBL02]. BCS [BFH05, RGD+01]. BCVEGPY [CDEW04, CWW06a]. BCVEGPY2.0 [CWW06a, CWW06b]. BDF [IHAR09, IVD03, VAMVR08]. be [MMMB00, VBFM05]. Beam [BRE07, PBB+04, CP00, OSK04, OKS04, PPP01, QRH00, QR01, QG04, QLT06, SCH08, SBBM04, TAM04, WCG04, YRR07]. Beam-plasma [BRE07].

beams [AT09, BAR00, LDG+07, MAH08a, SFF+04]. bearing [KMB02]. beats [KO2]. BEEM [RDAGV+00]. behavior [DR09, GDAG05a, GDAG05b, HTM+08, HOI04, LWT08, LUO02, MCH02, SAT02, SKRK04, TBL02, YGT+02]. behaviors [LDZ+08]. behaviour [BAL01, LNLK01]. Behaviours [RDSS01b]. BEM [BP08a]. BEM/FEM/GSM [BP08a]. benchmarking [GRE04]. benchmarking-how
Boltzmann-like [Wal03]. BoltzTraP [MS06]. bond [BCBJ02, CYAS05, NJH02, NLC09, OK06b, ZBB+06]. bond-diluted [BCBJ02], bond-site [NL09], bonded [Bac02]. Book [An00a, Bre01, Hoo04, Koc02, Laf03, Par04, Sha04, Vio04, Wan00]. Born [BS03, CCD07, OIKN02]. Bose [BJG+07, BBR03, CPS00, CC07, CCL08, CC09, LR07, Nil07a, SV01, T03, TS06, ZZ09], boson [HHH+09]. bosons [ABB+09, DC05b, HH00, 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]. bound-constraint [DSH03]. bound-state [AMP+00]. boundaries [MK09, UOM01, Ver04]. Boundary [GPT08, AA08, CRS05, CLR08, CLFH07, CFKM01, CY01, CS02, CHM+09, DM09, EH07, Kar02, KERM+01, KSS04, KT07, LJ09a, LC00, LA04, Liu07a, MK09, MNV00, MPS09, PPC07, Ram04, Ras09, Ras17, Sus01, WGL06]. boundary-layer [Ras09, Ras17]. boundary-value [LC00, Ram04]. bounds [MA06, S05, ZSM05, vdEF+02]. Boussinesq [YB02a]. BOUT [DUX+09, UXD+09]. box [NH09]. boxes [KN07b]. bracket [KO01]. brackets [UTKF05]. Bragg [MTLC01]. branched [JAT03]. BRANECODE [MFF+05]. braneworld [MFF+05]. breakdown [L07, NV09]. breaker [PP07]. Breaking [DLZ08, ABD+05, BKB02a, ISSB01]. breakup [vdG08]. Brief [Z00]. bremsstrahlung [F03]. Brenner [LF02b]. brief [Mar08, MS08, Ver00]. Brillouin [Zah04, Zah05]. broad [dO02]. broadening [WC05]. broken [Sle00]. Brownian [DHB+04, RvOV02, SS02b, WLR+08]. browsing [BBB+00]. BRST [PTL04]. Bruce [AN04-56]. brushes [LS02]. BSR [Zat06, ZF09]. BtoVVana [BS06b]. bubble [NN06, WGS00]. buffered [GS14]. builder [ACC+11, ABF+11]. Building [HS01b, BBB+01, FKM09, S04a]. built [LV08]. bulk [Mam08, Moh08]. Buneman [An04c]. Burgers [RE09, Z600]. bursting [TRG08].

c C [Koc02, KSS06, An09t, BCCW03, CJT06, Di01, DH01, DM07, KS05, KK01, Mal00, NT05, Nat09, OGWH03, RPD+05, SWS+12, Tol02, tTKST01, W01, Bre01]. C-code [Nat08]. CA3D [GS01a]. Cadabra [Pee07]. CADNA [JC08a, SJDC07]. Cahn [KEM+01]. calcium [KAC07].
calculates [Hor09]. Calculating [EMJH03a, APV00, All02, BBPS02, CP00, Cip07, Cip08, Cip09, Dzu09, EKW09, Gro01, KW08, L006, LC01b, M06, MA08, MA09, MFVJ07, Nat08, NY06, Por03, SHX02, SFR05, Tal09, WP00]. Calculation
[Alfo05, Bek06, FM03, GF01, GMBC08, Jia08, Kir06, LVLS02, LS01, OMC00, ST02, UVLRRC09, Val03, Zah00, Zah01, AC07, AL08a, Bar03, BKM02, CCBL02, CWSH08, CHMO0, CD04, Col07, CL08b, EVL00, FK00, FSB09, GSM+03, GMAN+07, Goc04, GDAG05a, GDAG05b, HH+09, HSGBK08, HHW00, IBA00, LANM+01, MDS09, Man04, MR06, MWA01, MOC03, Nik03, PCCD09, Por00, Ram10, RdAGV+00, SL09, SJP05, Sea02b, Sol01, TKB+04, TNCG00, TKN+08, VF03a, VF03b, VS06, VT00a, Vos06, Yan09, ZSdD+08, ZS08, ZDKG05]. calculations

[AIOST03, AJT+07, Bac00, BTI01, BH01, BK01, BKM05, BBB+09b, BMG01, BD06, CN01, CD01a, CC08, Con04, Dan05a, Dan05b, DS06, Dan07, DTD+02, Elm09, Fer07a, FTGG07, FFD00, FFG02, FKG00, GZF04, GIME02, GHP01, GGG01, GBTM07, GBD03, Gol00, GW01b, GRS06, HC00, HHM+09, HLC08, HPC05, HTM01, IM01, IBM03, JRT00, KDW00, KLD04, Kon02, LCB+00, LOCJ05, LLV+01, LEG02, LR06, LZ04, Mah09b, MC03, MHGV09, MSB09, MBR01, Mei01, MN01, MAM04, MAM07, MSHP02, OD08, OBG09, PFG06b, PWH+00, Pog05, Pue06, QASF+05, RP+05, RGD+01, SHW01, SH+01, SNS01, SBM02, SKNV01, SN07, SGL09, SMH+01, SJ02, SR01b, SVMT00, SYM00, SNBB02, THM01, TAK02, TND04, TND+05, TYS+00, VKM+05, VT00b, WKP+01, Wi09, ZF09, Zha00]. calculations [dSdSW08]. calculator [Bar02, DK05]. calculators [Ste02].

calibration [AAM+01, HTNFBS06a, HTNFBS06b, RTS01, TNBSF04].

Campbell [WS09b]. can [BBK02b, Gre04, MMM00]. cancer [Dom05, TdRGG09]. Candia [CCG08]. CANM [AP04]. Canon [MP04]. canonical [Bae04, Fd009, JBS08, KCH00, PRS08, Zim05].

canonicalization [MG08b]. capabilities [BNO+01]. capacitive [TC07].

capacitively [KPL07, KCR07]. captions [An09r]. capture [Ber03b, Car06]. capture-gamma [Car06]. capturing [Wei02a]. Car [CCFG05]. Carbon [HKK02a, AP09, CSC+07, CSC+08, HKK02b, KKKC07, LC08b, LF02b, NKS05, OPO+08, OD02, PLL07, YN05b].

carbon-based [LF02b]. Carcinogenic [EY+07b]. Carlo

[FNR+07, JKW06, KRW03, TA00a, WA07, AW04, ABM03, ACIZ07, ASF+05, AGS07, An003b, ABB+09, Asc08, BS06a, Bae03, Bae04, BBB+09a, BJ02, Bar00, BDG+08, BvG02, BR09, BL00, BMM05, BHM+07, BM01, BHL02, BK05b, BDYK04, BKB02a, BKB02b, Bur02, BB03, CGCS07, Che05, CGK+00, Con09, CKA+09, DS01, DDD+01, DGLB08, DRRW03, DH01, FNR+06, Fd009, FNN01, GS01a, GPW04, GW01a, GPW+09, Gra02, GOG00, GR06, HPC05, HKLY+07, HIK00, Huk02, JKW00, Jad00, JW00a, JW00b, JPS+01a, JPS+01b, Jad03, JS06, Jun02, JBS08, KH01, KPL07, Kat02, KL06, LTA05, LF02b, MBKJ09, MRS04, MHS05, MSS+09, Maz00, MSK+05, MP03, MMOB02, MB05a, MP06, MG09a, MABK02, MER+00, MKM02, Nat08, Nil07b, OTY02, OPO+08, PMA+04, PSW00, Pop03, RP02, RIB01, RP+05, RS00]. Carlo

[RRK05, Sch04, SVP09, SLWH02, SVPMT00, SSL02, TA00b, Tak00, Tom09, TNCG00, Trs08, ULA+02, Uh03, VYK02, VPNW02, VMB02, Wal03, WL00, WJW09, WK02, WH00, WLGX09, YC07, dS03]. carlomat
[Kol09]. Carlos [Sul05]. carpets [SFSH01]. Carson [Don02]. Cartesian [CMT00, DD00, DO04, DO05, DSC+09, MAM04, MAM07, SFSL09, WPL02, WD04]. Cascade [KSS06, KKSI01, BAB04, Jun02]. cascadic [DB08]. case [AOST03, ADE+02, CM02a, FGV01, HM06a, PR06, SK08, SS09b].
case-study [ADE+02]. CaSPA [MDS09]. Catfish [CGCS07].
Cascade [KSS06, KKSI01, BAB04, Jun02]. cascadic [DB08].
Casino [Don02]. Cartesian [CMT00, DD00, DO04, DO05, DSC+09, MAM04, MAM07, SFSL09, WPL02, WD04].

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[468x681]12
Coding [LS09]. coefficient [LL08, Ste02, SS02b, qX09, ZLL09]. coefficients [BRD04, BKK09, CRW09, DK05, Dev05, DJ08, Dra01, Dy09, FGA04, Fat02, FIB01, GF01, GF02b, GSF05, HM06a, HB05, Kas00, KW08, RF06b, Vak00, VF03a, VF03b, Van05c, WP00, Yan03d]. coexistence [FFF01, FKS05, coherent [SJHY07]. cohesive [KBBW02, YZD+07]. coil [YD06]. coincidence [MKJ+05]. cold [PCV06]. Collaboration [Ano04-46, PMA+04, All01]. collaborative [dSDSW08, GI01]. collapse [HBRS05, MMTH04, SBD+06]. collection [vDGM+09]. Collective [AK03, LV08, BA09, YG09]. collider [BDW06]. colliders [ABM03, BB+B9a, DDRW03, Kol03, Por03]. Collision [PM00, ZBB+06, CL08b, FBL00, RFK08, WMG05]. Collision-free [ZBB+06]. collisional [HD04, HvDJaM01, KA04, MV04, ST02]. collisional-radiative [HD04]. collisionally [LHMB00]. collisionless [GBC+04, JBA+07]. collisions [Ab01, BF04, BPP01, Che05, GG03, HSBK08, JW00b, Tom09, TKK+06, WM00]. collocation [LFT01, LFT03]. colloidal [All05, CMS04, KNY05, MHK02, SBD+05, tVPG08, YNK05]. colloids [DHB+04, FHR+05, SF05]. color [AEEdR05]. colored [Gen01]. Columbus [Fl01, DLZ08, JS08, Zim05]. combined [ASJ+03, FSK04]. Combining [CL08a, DGLB08, GSM+03, Hin00, SR01b]. combustion [ZLM04]. Comm [DVL+04, LPR+04, Ras17, TMB08, WA07, Yos07]. Comment [AA01b, Hon04, LHC02, Ixa01, Mar08, Ram10, WL04]. Comments [Har02, Moh08, MA08]. Committees [Ano05j, Ano07a, Ano08a]. Common [KSS02, TBR07]. Commun [AA01b, AAB+07, CSC+08, CGS+09, CGVA09a, Hon04, Ida03a, Ixa01, JK00, KM01b, KS08, Nat10, Psi09, Tho04a, Tho04b, TND05, Voi03]. Communication [BFL+01, TA00a, CD09a, GDC01, MP01a, SOAW08]. Communications [Ano02j, Ano02k, Ano02l, Ano02m, Ano02n, Ano02o, Ano03i, Ano03j, Ano03k, Bro00, FNR+07, Fij00, GDAG05a, MOS01, Ram10, SM06a, Wu01, GCD06, Ano03l, Ano03m, Ano03n, Ano03o, Ano03p, Ano03q, Ano03r, Ano03s, Ano03t, Ano03u, Ano03v, Ano03w, Ano03x, Ano03y, Ano03z, Ano03-27, Ano03-28, Ano04m, Ano04n, 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, Ano08a]. Communications [Ano08c, Ano09c, Ano09d, Ano09b]. community [KOS+09, MOM+00]. Comp [Ida03a]. compact [JS07, Jen01, SIH+01]. compacting [KBBW02]. compaction [RLH+09]. compacton [YB02a, Yan03a]. comparable
Comparative [FHW+01, BCV03]. Comparison
[FS03, HKLY07, LJY07, SG06, Van05a, YZW02, BP08b, KALC08, RE09,
RLI07, 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, CDF05, DPB01, GS06, KM01a, LBM05, 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, TILR06]. 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, Nat10, Poi09,
Ras17, Tho04a, Tho04b, TND05, TIM08, Voi03, WA07, Yos07].
Computation
[AS00, BMC05, GFS03, KMS09, SKH02a, WRN01, dDSFY04, BD00, BGH04,
BS00a, BDT00, CNM09, Che07, CA09, DB08, FD03, FL01, Gal00, GT01,
Hon04, Ida02, Ixa07a, Kol09, KTL05, KH06, LVV09, LG09, LJ08, MS08b,
NJ00, Pap01, PPC07, PTL04, RTVZ08, SBM09b, She08, SI01, Ste01, TF04,
UTKF05, VK09a, qXbL04, qX08, Yan02, Yep02, dSDSW08, dGGS+05].
Computational [Att09, BDL00, DC05a, Gou00, GI01, HIK02b, KB04,
LCB+00, Lan07, Mel01, MRF+05, MS05b, MB05b, Nov02, OLX07, PRBD09,
SWS+12, SH07, Swe02, TdRSGD09, Ano09a, BLM01, dSB00, Bor02, Bor07,
Bra05, CZC00, CRS01, CMT00, CMT01, CSZ+07, FS00, GGL+02, GLL+02,
Gum02, KAB+00, KB02, LNK01, LPC+04, LCE+09, MSK+02, Min01, NP01a,
OBG09, RM05a, Rn02, SG00a, SM04, SM06a, SBM09a, SI01, SAG+02,
Suz00, TCY+08, WG01, WM00, You02, Zie08, Hoo04]. computational-task
[Ano09s]. Computations
[Str01a, Ada04, ABNA05, ABD+05, BBD+09, Di 01, DSG06, FTT03,
FM01, Inu07, KMZ05, KKF+04, KM08b, Lin07b, 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, BV04, CAAM08, DHMD00, Elb05, FNR+07,
Fij00, Goc04, GH01, GDAG05a, HMY+02, JDBT06, KM01b, LPRS02,
LPR04, NLV01, LMS+02, MOS01, NY06, NY08, NP00, Ram10, Rob00,
SM06a, SBM04, SAU+04, TA00a, Tod01, Wu10, BCC+08, BDLT02, BCG03,
BG06, BL05, BKS09, BD06, BCV03, Cha07, CRS01, Cip07, Cip08, CHP04,
CPT+01, DS06, Dan07, DMD+07, DJ08, DSS01, FKP03, Fra07a,
GS01b, Gro01, HJM02, IOM00, JP09, JDBT09, KK04, LM02b, MTLC01, MG08b, Mas00, MVS05, Miis02b, OGKL02, Pee07, PGS02, PKKM02, Pue06, RvVR09, RDSS01a, RDS02a, RDS02b, iSHS+08, SPC+05, SMS+00, SI01, SHH02, SHH+04, SIE04, TNCG00, VT00a, Wei04, Xia01, ZSSA00.

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

computer-generated [SI01].

computerized [FD03, GT01, Hon04, LMC+03].

Computers
[Esq02, Ano02a, At09, CSS+03, Mak01, Mel01, MT00, OLS+01, OSK+02, OCK+03, Ref00, TYS+00, Yos01].

computers-past [Ano02a].

Computing
[BSTC05, Bre01, Bro00, CC09, FPB08, GSS06, RM05a, Sha04, Shi07, The01, VS01, WS09b, YM03, ZSM05, ADE+02, AJ08, Ano03h, BS03, BN07, BD06, BDI+05, CMRS02, CD05, COE+05, CC07, CCL08, CRUV00, CGA+07, CGVA08, CGG+08, CGG+09, CGVA09a, CGVA09b, CBM+05, Dan09a, Dan09b, Dra01, Fel08, GBM02, GCK02, HLB06, JP09, JG02, KVR+00, LbotMC01, LMC+03, MrK07, MA04, MA08, Nil07a, PKPY02, PMV02, Sfi07, SMZ05, SS07b, TJD09, Tri05, VPK+01, ZF00, ZZ09, Vio04].

concave [Dem06].

concept [BLS01].

Concepts [San00].

concerted [Nak07].

crystal [FKMB09].

condensed-matter [CMR01].

condensation [ASJ+03, CPS00, KW03].

condensed [BH03, CMR01].

condition [MP09, WGL06, YSM09].

Conditions
[TQ03, KALC08].

condensates
[BGJ+07, CC07, CCL08, CC09, LR07, Nil07a, SSV01, ZZ09].

conductance [ASJ+03, CPS00, KW03].

configuration [AAG+04, AAM+01, BM04, BKM05, FFG02, RCG05, SJF07, TEP00, TNCG00].

configuration-interaction [RCG05].

configurations
[BK01, BKM02, BKM05, DCNDC09, GSF05, GHIL09, SKH02b].

conference [GMBC08].

confidence [GMBC08].

Conference
[Ano07f, Ano08d, BDL00].

configuration [AAG+04, AAM+01, BM04, BKM05, FFG02, RCG05, SJF07, TEP00, TNCG00].

configuration-interaction [RCG05].

Conformal [RM05a, HP02].

Conformal
congruential [DH00, WH06]. conical [BCH05, PL05].
conjectures [JW02]. conjugate [GHP01]. conjugated [vdHBP+02].
conmutant [IH09]. connection [OML09]. connections [MTC07]. conquer [SKNV05]. CONQUEST [GBTM07]. Conserved [GK102, GK104]. conserving [ACIZ07]. consideration [Kon01]. considerations [Rap06, Wen01]. consistent [BT101, DPSG06, PHKL02, Pet04, Pit05, WH00, ZSK+04]. Constant [QP05, CCD07, CW01, HM006a, 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, GZ07, Zie05]. constraint-transport [GZ07]. constraints [GWK09, OK06b]. construct [GT01, Yan02]. Constructing [CRW09, FMG00, PJK00, Vak00, BCC+06, De 02, GKR07, KL00]. constructive [Teh01]. Contact [KBBW02, SM06b]. containing [LTG09]. contaminated [SR01a]. Contents [An001r, An001s, An001t, An001u, An001v, An001w, An001x, An001y, An001o, An001p, An001q, An002s, An002t, An002u, An002v, An002w, An002x, An002p, An002q, An002r, An003-29, An003-30, An003-31, An003-32, An003-33, An003-34, An003-35, An004-36, An004-37, An004-38, An004-39, An004-40, An004-41, An004-42, An004-43, An004-44, An005-31, An005-32, An005-33, An005-34, An005-35, An005-36, An005-37, An005-38, An005-39, An006d, An007g, An008e, An009e]. context [FKMB09, LM00, MC09]. continuation [Bli00, CC07, CCL08, Cza06, KBV09]. continued [RML801, TB85, Th04b]. continued-fraction [TB85, Th04b]. continuous [AP04, BR09, HSJ02, TL06b]. continuum [FGMT02, LBM05, LH01, TP01, TD03, VPCK04, Wol03]. contour [KCH00, KK06]. contracted [AC05a, AC05b]. Contrasts [ZSSA00]. contribute [BKB02b]. Control [PK01, AAM+01, DB08, FGV01, KMR+09, LNV+09, Nii00, SS009b, WDHE04]. controlled [BDHP08, FG04, HOI04, TL06b]. convection [EELZ04, KT05, KNT08, MZB+04, Ida00]. convection-diffusion [MZB+04]. convective [KKS04, Sus01]. convective/absolute [Sus01]. Convergence [BGJ+07, LOL06, KSHP02, LH01, Wen01]. converging [Maa06]. converted [WBDB04]. convex [Dem06, KH06, 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, SFSL09, XON08]. copolymer [ZM00]. CORBA [LM00]. core [BVK05, HSS+08, MMTH04, NM03, ON08, PKB+01, RM05b, SBD+06].
Coriolis [CA07]. Coriolis-coupled [CA07]. corners [Ple02]. correct [Rob00]. correcting [ZS03]. Correction [SS02b, DVL+04]. corrections [FGR06, JPS+01b, KLD04]. corrected [AC07, Alv09, SOS01, Zha00]. 

Correction [CA07]. Coriolis-coupled [CA07]. Corners [Ple02]. correct [Rob00]. correcting [ZS03]. Correction [SS02b, DVL+04]. corrections [FGR06, JPS+01b, KLD04]. corrected [AC07, Alv09, SOS01, Zha00]. 

Corrigendum [LRP04, Rus17]. corrugated [YW01]. 

Cosmic [Tol02, Min01, NRR01]. COSMOCR [Min01]. cosmological [ADBF03, BADC07]. cosmology [Min01]. Cost [Got01]. 

Cost-effective [Got01]. Cotes [Sim08]. COULCC [Tho04b, TB85]. Coulomb [Tho04b, AMP+00, BBB+04, DSC06, FSB09, HJJ09, IM01, LS01, MR05, Mic07, Nob04, OIKNO2, OS03, PAT+09, Sar00, Sea02a, Sea02b, Sea02c, TB85]. 

Corrections [AC07, Alv09, SOS01, Zha00]. 

Crumbling [T˚AT09]. Cryptanalysis [AMR04, WLW04]. cryptographic [AMR04, kWpLwW01, WLW04]. crystal [FFK02, GOH06, GLP03, KDW00, OGG07, RIB01, SHY01, SHX02, TBD02, PCCD09]. crystalline [VG+05, LS02, PCCD09]. crystallization [LS09]. crystallographic [CPV+08]. crystallography [BH01, SHY+01]. crystals [All05, BVY05, CAAM08, GLHW01, IN09, KNSY07b, KNSY07a, LPRS02, LPR04, LPC+00, FRK07, PGS02, SSPPM05, SYMM00, TBR07]. CTEQ [Su05]. CTM [WLH00]. Cuba [Hah07, Hah05]. cubic [GLHW01, XZ12, Zah00, Zah05]. CUDA [LSVMW08]. cumulant [SH05]. cuprous [HSSA01]. current [Ano01a, LC06, MMM00, 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]. cuspid [KCH00]. custom [Far01]. customizable [PKB+01]. cut [CLFH07]. cutoff [MHK+05]. cutoff-effects [MHK+05]. CWENO [KKF+04]. CWO [SWS+12]. cyanoadamantane [FFK02]. Cyberinfrastructure [Cho07, dSdSW08]. cycles [DDFI09, TRAdO09]. cyclotron [PPP01, WBDB04]. cylinder [CAW00, Liu07a]. cylindrical [AP05, CS07, GVMW04, HFN03, LLV+01, SGF04, SGL09, SBBM04, XON08, You09].

D [Aok01, AH02, BD00, Bal07, BJ05b, BFH05, CCFG05, Cha04, CSW02, CBBJ02, DGV08, EL04, FMD07, FMD00, FM00, FV02, GFP00, GRR01, GBM02, GS01a, GBA01, GB001, HBR05, JW02, KKS04, KMZZ05, KSSH04, MZB+04, MLF07, MNV00, NHS07, NSY02, PCV06, QR01, QTL06, RLRR06, SJCM04, SMV01, SG04b, SBB03, SG01, SBCZ08, SQ03, TAM04, TPY03, WH00, WCG04, WHL+08, XON08, YRR07].

D-model [NSYZ02]. D0C [NN09]. DAFT [BTS06]. Dai [Hon04]. damage [VKN07]. damping [TGB01]. DAMQT [LRR+09]. DAQ [Ano01a]. Darcy [KT05, KNT08]. Dark [BBPS09, BBPS07a, BBPS07b, RCV09]. DARWIN [AOT01, TAM04]. Data [FSBG00, PK01, Sak07, S01, SEC04a, AA07, AKG02, AAM+01, Ano01n, Ano09t, BB07, BFMH+01, BH08, BGLW01, CPV+08, CGGO0, DDMM06, Dem03, Dem06, Dom05, EFG+00, GDC01, GMO03, Han00, Hin00, KL07a, LFT01, LKKK07, LZ00, MYC09, NW02a, OK09, OCK+00, OPB+09, PS09, PB09b, SOAW08, SSZ01, SS09b, SC04, TKS+01, TK09, WHL00, WMM09, Wen01, YWLC04, ZSdD+08].

data-compression [OCK+00]. database [ABN05, AAM+01, BCC+06, BB03, TLD03]. databases [ME00, BHWN01]. DataScan [RSD01]. dataset [HCK01]. datasets [SKNV04]. date [Fri09]. Davidson [DM07]. Dawson [Ano04b, Ano04-56, Ano04-57, Ano04-45]. DC [CHL+07, RMVQ07]. DDS [WH05]. DDT [IN02]. dealiased [ICT01]. dealing [SKF05]. Debris [WH05]. Debye [BFL04, LDZ+08]. Decay [Bar04, BEM+02, CRS05, EH06, JPS+01a, K03, QxW07, Ste05, TJLR06]. decaying [BAB04, Str01b]. decays [BS04a, BS06b, GPW04, MDM05, Por03]. decision [VBFM05]. decomposed [ZA01]. Decomposition [BP08a, ST09, BH07, Cha07, DTHL09, GRR01, I01, IW02, KBG00, LM02a, L06, L04, OM03, SWC+03, Ulh03, YWLC04]. deconfinement [KMP09]. deconfining [KSS02]. Deconvolution [KSTL03, WCBN05]. decoupling [CKS00]. Dedicated [CMR01, Tri05, Yos01]. deep [RS00]. deep-inelastic [RS00]. defect [PKRK07]. defective [PLL07]. defects [GLHW01, HHCC05, LN01, LMS05]. defined [Gal00]. deformable [Nii00]. deformation [RvOs02, 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, Gum08, dIRP09]. Density [BJ02, JK02, Kur02, MLF07, SG05, Alv09, Bac04, BBPS02, BBPS07a, BBPS07b, BSK+03, CSW02, HHM+09, HLC08, HS01a, ICO03, IBA00, KTT09, KH09, LV08, Lik01, LCV06, LRR+09, MC03, MBR01, OLS+01, OSK+02, RLG+09, RGD+01, SKNV01, SKNV05, SSZ01, SMK01, TAO4, VKM+05, WU01, dGGS+05]. Density-driven [MLF07]. Density-functional [Kur02, HMM+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, HGVCM+02, KFB01, MS06, MLG+01, Mei01, MA09, NM01b, Nur04, PSV00, SZ00a, TKN+08, dGGS+05]. deployed [KFJ+09]. deployment [Sak07]. deposition [Sch08, SLWH02]. Derivation [FA0T01, AHS09, OM03, SH05, WYL09]. derivative [Jam00, WGD04, WC05, ZW05]. derivatives [AS03, CGVA09b, GSS06, GD0A01, KCH00, MA04, MKK05, MA08]. derive [EL06]. derives [Rob00]. described [DVL+04]. Description [BJST00, BBC+01a, PKB+01]. description-driven [BBC+01a]. Design [ABC+01, BBC+01a, MTL001, MP01a, Rap06, AAKL07, CFJ09, DG08, Far01, PCA+07, QRH00, MRMP02, SKNV01]. designed [KKM02, LTG09, Str05, WSCW09]. DESOLV [VBC07]. Detailed [W008, CD09a]. details [BDF+08, PJSK08]. Detection [HHCC05, ABC+03, BBPS09, CSS+03, CM06, Kv08, LAMN+01, TWY09]. detector [AAM+01, BCC+06, MZ00]. detectors [ABC+03, NY08, PBI07, Sch08]. determinant [FA00]. Determination [YT01a, Fat02, IF03, Pet04, VEG08]. determine [BC03, PRBD09]. Determining [ADDdM07, BKK09, QT0M07, BVY05, BDW06, HOT07, PSH06]. Deterministic [DDM05, DVG05, LZC+08]. deterministic/stochastic [DVG05]. detonations [NBPG08]. deuterium [Bat03]. developing [MRF+05]. Development [HF03, HCH+06, ICO01, KKH07, WHL+07, YSM09, FFP09, Teh01, Dan09a]. developments [HCIK00]. device [GCG06]. devices [AAC+04, CBK01, DC05a, KKK07, LYL07, LLC01, TDOY02]. 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, GCG09, DKK08, FK00, Hah01, HL08a, KKK06, Otso1, TF04, VMM02]. DIANA [TF00, TF04]. diatom [HGBK08]. diatomic [MDT03, PJK00]. Diatomics [NW02a]. Diatomics-in-molecules
[NW02a]. diblock [ZM00]. Dielectric
[FER+07b, Bre07, Den08, HKP+07, KM08a, LBM05, LLT+02, NJ01, Zha01].
difference [BGH04, BTI01, CCL08, DR09, EMJH03b, GVMW04, GKI02,
GK04, GMA+09, HL05, Im07, MZB+04, NN06, RLY+08, Rob01, SHX02,
Wan09b, KSC+00]. difference-difference [GKI02, GK04].
difference-differential [Wan09b]. differences [GLL+02]. differencing
[BG04, BT01, BCV03, Che07, Don02, FMG00, GSGT03, HSBK08, KS07, KD09,
Ram05, Ras09, Ras17, VBC07, Wan09b, WR01, qXl04, Yan02, Yan03d, YZW02].
differentiation [AA07, SPF00, Str05, VHL09, vH06, vH07]. Diffpack [Hoo04].
Diffraction [BR+04a, BSO+04, BK05b, FBB01, Gro01, GSSN00, MTZ00, MP06,
PCC01, Wan01, BBAKH04b, dAK01]. diffractive [CF02].
DIFREALWAVE [HSGBK08]. Diffuse [dA08, GLMAB+02]. diffusion
[AGV00, BS00b, BNSY02, CZC00, CL03, CJK09, EELZ04, GS01a, IOM00,
KP01, MZB+04, PC08, Ram05, RMK05, RP+05, SM03, TE05, VPNW02,
Wei02a, WLR+08]. diffusion-convection [EELZ04]. diffusion-driven
[KP01]. Difusive [BDHP08]. Digital [iSAK+08, AAA+00, RTVZ08]. DIII
[KSS04]. DIII-D [KSSH04]. dilepton [Abe01, Abe01]. dilute
[CP00, SVS01, TS06]. diluted [BCBJ02]. dilution [CBBJ02]. dim
[GBD03, GCP+02, GDC01]. dimension
[BG+07, GBR+09, NJ00, SBD+06, TdRG09, Vor02]. Dimensional
[Ker02, AC07, Bac00, BTK+02, Bre05, CSC+07, CSC+08, CL+07, CD01b,
CTG01, CHM+09, CND09, Ei05, ES09, FHR+05, GR02, GO00, Har02,
HB05, HJZ07, Hu05, HW09, I00, I1K+08, ID09, In07, Jad00,
JKKT00, KT05, KNT03, KKF+04, KNU00, KM01c, KK01, KA04,
Kr05, LH01, LH02, LSL07, LCS07, LVL02, Li03, LHS+06, LK08,
MY09, MTH04, MSD08, MOS00, MOS01, NY04, Ot05, PKR07,
PD08, Ps00, QG04, RvR09, Ram05, RM05b, RLY+08, Rob00, RG04,
SHS+08, Sch06a, SB05, SSB+09, SW09, SD07, STK+00, TRG08,
TMTF00, Tak03, TY02, TZZ06, TNI+07, Tat07, TY01, TYSH05, TDD04,
TL09, UTO09, Var08, Ver0, Vis06, WGDZ04, WC05, WHJ06, WS09a,
WT04, XZ12, Yam00, Zak06, vHK00]. Dimensionality [Ps00, Bac02].
dimensions [BR01, BCB02, BSDM05, BKK09, Cre00, EELZ04,
GBC+04, J08, LEG02, MK08, NGE+04, PM00, SM04, SFG03, SM02].
dimer [CBB02, ETL00, Kim07, KK01]. diminishing [NR01]. diodes
[HTL+03]. dipolar [TZZ06, TK08]. Dipole [DN05, SWY01]. Dirac
[BRR03, BFI07, Cun09, FZ09, G02, GZDA01, Li04, MW01, MK08,
MK05, Moh07, NM01a, Pog05, SJ05, TD03, Vul03]. Direct [CC04,
BBPS09, Ber03b, BDB+08, FD03, Hon04, Nur04, PGS02, TG00, Wal03].
direction [LTI09, XZ12]. directions [CL08a, SM+02]. discharge
[KPL07, KHI07, KA04]. discharges
[BLS09b, CS07, HKLY07, LHS\textsuperscript{+}09, RMVQ07, TC07, WJW09].

disconnected [Krö05]. discontinuous [Gal00, LS05]. Discoveries
[TPBE04, ZSSA00]. discovery [DDEM00]. Discrete
[BW01, TÅT09, Wan09b, BDK\textsuperscript{+}06, CNFR01, DW01, Har00, LbotMC01, Luo00, MSD08, Str00, TSI02, WHO02, YZW02]. Discrete-expansions
[BW01]. Discretization
[EG09, MM04, TKSR00, DPSG06, KT05, KNT08, WS09a, Zit09].

discretized [CHS09, DB08, HZGZ09, OS00b]. diseases [Dom05]. disk
[WB05]. disks [SSLN02]. dislocation [Cle05]. dislocations [MS05b].

disorder [GW01a, Voi02, Voi03]. Disordered
[KM05, CM02a, NH09, RLU01, Ver00]. Dispersion
[QCML03, CL02, Sus01, Tam03]. dispersions [KNY05, YNK05]. dispersive
[LBPS09, NN06, Ram10, Ram12, YB02a, Yan03a, Yan03b]. displaced
[GME06]. displacement [Alf09, BA09, GLHW01]. display
[BCD\textsuperscript{+}01, LYL07]. disruptions [EH03]. dissemination [KL07a].

dissipation [GIME02, KG07]. Dissipative
[ZM00, AKS02, DC03, HNS01, NT05, NKV03, SVA03]. dissociation
[HGVC\textsuperscript{+}02]. dissociative [PNH00]. Distributed
[FSBG00, GC01, AKG02, BLM01, BV00, BTS06, CDH\textsuperscript{+}06, Di01, Han00, HKP02, KAB\textsuperscript{+}00, LbotMC01, LNV\textsuperscript{+}09, LM00, TG00, TYS\textsuperscript{+}00, WMM09, Xia01, dSDSW08]. Distribution
[MK02, DDBV12, FGA04, FPB08, HTM\textsuperscript{+}08, HBMJ05, JH09b, KHILO7, KS84, KS08, LIYO1, LC01b, OPB\textsuperscript{+}09, Ram10, VS06, Yan09, Yos07, YW01, vHK00].

distributions [BBOY08, Har02, JJK05, LHC01, LHC02, LV08, RF08, Sul05, Vog05, Wei02b, WHO02]. divergence [JH09a, MOS00, MOS01]. diverse
[ZPB09]. divertor [KY07]. divide [SKNV05]. divide-and-conquer
[SKNV05]. DL [Sea01]. DL\textsubscript{LEED} [Wan01]. DL\textsubscript{POLY}
[BTS06, DHEB05, KSYE00]. DNA
[CDFF05, DLO08, 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, KBG00, LM02a, Läis04, NFS02, NN06, Uhl03]. domains
[BLM01, GS01a, NFS01a, NFS02]. doped [JK01, MB05b, NW02a]. Doppler
[WCBN05]. dot
[BNSY02, CLFH07, EMJH03a, EMJH03b, LLV\textsuperscript{+}01, LCV06, WHJ06]. dots
[EMJH03b, LVLS01, MWA01, MP05, RCG05, TCNG00, Vos06, WV05, Wan00].

Double [HG02a, BMML05, BK05b, CW07, FNM01, KFI\textsuperscript{+}01, LY05, RF05b, RF06b, VYK02]. double-photon [KFI\textsuperscript{+}01]. double-stranded
[VYK02]. doubly [ACIZ07, Yan02]. doubly-periodic [Yan02].

doubly-polarized [ACIZ07]. down [CM03, TJLR06]. DP [LJ09b].

DPEMC [BK05b]. Dr [AA01b]. drag [KMB02, MY00a]. DRAGON
[Tom09]. drawing [BT04, BCKT09, Cap05, HL08a]. drift
[BGS\textsuperscript{+}04, HFN03, Jem00, Lew04, PCK00]. drift-fluid-electron [PCK00].

drift-kinetic [BGS\textsuperscript{+}04]. drift-wave [Jen00]. drilling [ZZH09]. driven
electrochemical [HL00a], electrochemistry [SN07], electrodynamics
[Har00, KNU00]. electrokinetic [SN07].
electrodynamics [Har00, KNU00].
electrokinetic [PCF05].
electromagnetics [SN07].
electromagnetic [CAW00, FS08, PCK00, DEW01, GFP00, HL05, JBBR01, Jen00,
JTS+06, KV07, LKPH08, PP09, PD08, PSP+03, Poi08, Poi09, Ram10,
SLMS06, UOM01, UOTM03, UTO09, VAH04, Ver04, WPL02, WRC+04].
electromagnetics [FKMB09].
[BRdAHK04a, BRdAHK04b, LLV+01, MMMM00, NKSLL05, RdAGV+00,
dAK01, AC07, ABM04, Alvan09, BF04, BPP01, BM04, Car06, CKV04, DC05a,
EA05a, EKW09, FPB08, Fria03, GPT08, GG03, Gut06, HPC05, KKKC07,
KHL07, KA04, Kon01, LV08, LVL01, LVL02, LRR+09, Mam08, MCBR03,
MWA01, Moh08, Nik08, diRBP09, PCK00, PPP01, RMLB01, RCG05,
SKH02a, SMV01, SJHY07, SNNB02, TAM04, Ton07, Wan01,
WD04, WRN01, WM00, Yak01, ZPB09, Zha00, Zha01].
electron-atom [GG03, SNNB02].
electron-capture [Car06].
electron-cyclotron [PPP01].
electron-ion [BF04, HPC05, MCBR03, SNNB02].
electron-molecule [WM00].
electron-positron [BP01].
electron-transfer [DC05a].
electronegative [CS07].
Electronic [FW01, HP06, LTT09, LLLZ01, MWA01, SMV02, SN07, TGB01, Zha01,
AJT+07, BTV01, B300, BM01, CPV+08, CTS07, GHP01, GBD03, HCO06,
HTM01, KFJ+09, KLM00, LZ04, MSB09, PKSF01, QASF+05, RG05, RB08,
SKNV01, SMH+01, THM01, TNCG00, Vos06, WKP+01, YG09].
electronic-density-functional [OLS+01].
electronic-structure [KLM00, MSB09, PKSF01, RB08]. electrons
[EA01, EH03, Hor09, MK05, RLI07, SJF05, SMSE03, Sro01].
electrophoresis [KKM02, KK04].
electrophoresis-computer [KK04].
electrophor[ological [MS05a, SWY01, YW00].
electrost[atic [AH02, BGS+04, CSC+07, CSC+08, DTHL09, MB04, WJW09, WHL+07].
electroweak [ABB+09, AL08, HL08b, KP00].
element [BDK+06, BLS09b, CN01, EFS+08, GPT08, PKSF01, PDA06, TAT09, Ton07, Witi00, XSC09].
element-dual [GPT08].
element/molecular [OLS+01].
elementary [Fod05, Str01a].
elements [AC05a, AC05b, CN01, CGG+08, CGG+09, CHM00, GFO01, GFM00, GM00, HL08b, JBBR01, KTL05, LCHJ09, LS01,
OS03, PCE+08, PAT+09, SAR00, UTKF05, VOS06, You09].
elevation [RTVZ08]. Eley [LJ01]. Eliminating [LC08a, Man02]. elimination [WR01].
ellipsoidal [LB00, VW05].
elliptic [AE02, PKST03, Yan02, Yan03b, Yan03c].
Elman [TWY09].
ELMFIRE [SOAW08].
elongational [MDT03].
elsepa [SJF05].
Embedded [SKNV05, ASVA00, Far01, KDW00, Veg04].
Embedding [Ing01].
Emden [SPS09].
Emeraldine [CCFG05].
emergence [KOS+09].
emerging [Li00, REAB09].
Emery [DKC08].
EMILIA [Car06].
Emission [RDAG+00, HCH+06, KFI+01, LC08b, RLV+08, SJHY07, Yos03, Yos07].
emitted [CP00, HD04].
emitter [LC08b].
emitters [Car06].
emitting [HTL+03].
empirical [SSZ01].
employing [KKF+04, RMK05].
Emulator [DHMD00].
Emulsion [vDSvdG08, UVLRRC09].
EMX [AE02].
enantiomeric [GLL+02]. encounters [RRHD08]. encryption [LMC+03]. endpoint [LWT08]. energetics [OBG09]. energies [BCG03, CWSH08, EKW09, JWVV00a, JPS+01a, KPD06, LK07, Se02a, SVMT00]. Energy [BBC+01a, BrdAHK04a, DH01, FGV01, New07, TS08, Tol02, ATP01, BBB+09a, Bes02, BFL04, BKM02, BBB+09b, CCBL02, CC07, CCL08, Che05, CGA+07, CGVA08, CGVA09a, Cra01, CCRA05, DLV+02, DLV+04, EA01, EVL00, FK00, Fri03, GGG01, G05, GLL+02, GPW04, GSSN00, GMO03, HP06, HG02b, HG+05, IK00, IK00, KGIL07, KG03, LPC+00, LVL01, LLV+01, LA01, MR06, MNY+00a, MSHP02, MM01, N00, OD08, Sak07, Sch08, SEF+01, SM+01, Sol01, SR01b, SKRK04, SFR05, TAP01, TZZ06, TYS05, VS06, Wan01, WZHZ06, WL09, X09, dMBC+06, BrdAHK04b, dAK01]. Engine [ON08, Végo4]. engineering [HKK+01]. Engineers [Mal00, Bre01]. Engui [Hon04]. Enhanced [PM02, EHHH06, RMWH01, TGD07, TL08a, WS04]. Enhancements [SRR+00]. Enns [Koc02]. ensemble [Ber02, CCK02, HM06a, Huk02, JBS08, NS00, N00, OK06b, Zim05]. ensembles [IW02, OO05, WV04]. Entangled [KSEG05, Ryc05]. entanglement [R06a]. entanglements [Kr05]. enumerated [SH06]. Enumeration [Jen01, BM06, SB05]. envelope [HS07], envelope-kinetic [HS07]. environment [BCH05, CSZ+07, GKP+06, KPD06, KL07a, KW07, PDL04, iSAK+08, TJD09, WR01, ZC09]. environments [PKB+01, ZPB09]. enzyme [HMJ02]. epitaxial [AFP02, BSvdDW02, Dan05b, NSYZ02]. epsilon [CHM00]. Epstein [Ram10, Yan09]. equal [PR06, Zak00a]. Equation [KD09, AA08, ATI06, AKZ00, ASVA00, AKS01, AKS02, Bat03, BH05, BV00, Cu09, CSC08, CPS00, CR09, DWZ05, DR09, DM09, DC07, DGL09, DSL09, DKV00, D02, EELZ04, Fij09, Fij00, FZ09, FS01a, GZ+09, HCH+06, IH09, Imu07, Ixa02, Isa07b, KMS09, K09, KEM+01, KBV09, Kos05, LRI+06, LIR+06, LOC05, LB00, Li03, L08, Lu00, Li04, MZB+04, MK08, MA09, NT04, NJ01, N00, PC08, PAD07, P01a, PK01b, PS00, Ram05, Riz02, RLV+08, ST02, Sz00a, SG06, SR05, SW09, GF03, Sim00, SW00a, SVA03, Sim09, SZ00c, SM02, SFS09, Sug01, TPY03, TQZ08, TS06, TD03, TKS00, UNK12, UK02a, UKY+04, V05a, Vu03, WDZ04, Wan05a, WC05, Wan06a, WS09a, WT01, WV05, WW06, X09, XZ12, Yan03d, Yao09, YB02b, Zak00a]. equation [Zak00b, Zak01, Zak06, ZY09, dH08]. Equations [Hoo04, IH09, IAR09, AP04, ACH05, AHS09, AMP+00, AK03, AK07, BH04, BD05, BDP00, BT01, BD+05, BC03, CC04, CLR08, CHS09, Che07, CJK09, CGG+08, CGG+09, CTO01, DKMF03, Den08, DD00, DO04, DO05, DSC+09, EST00, E09, FD03, FRdS09, Fat02, FM00, FMMQ08, GT01, G02, G04, GSG03, Hon04, HZG09, HWH07, HLS06, IOM00, JK08, JC08b, KS07, K00, KKS04, LVV04, L06, bLP02, LL04, LY05, LJ09b, pLB03, yM01, Ma06, MM04, MOS00, MOS01, NK03, OGWH03, PS08, PKST03, PN00, PC06, Rad09, Re09, Ras17, RM05, RB00, SH05, She03, Sho04, Sho07, SPS09, SDNR05, Str00, TK06, Tol02, UK02b, VBC07,
Equations-Numerical [Hoo04]. equilibria [CHM*09, KZS*00, MSK*05, SVMT00, ZSK*04]. equilibrium [BDBV12, BL05, CD04, Co07, DGOV08, Elm09, HYY07, JBA05, TCF00, ZSSA00].
equipped [Hor09]. Equivalence [CTR00, Ram10]. equivalent [E˚A01].
Eratosthenes [AA01a]. ERCS08 [Hor09]. Ergodicity [BKB02a].
ERI [REAB08, REAB09]. erosion [CMD00, WSB04]. Erratum
[AA07, CSC08, CGG09, CGVA09a, FNR07, Fij00, GDAG05a, Ida03a, JKW06, KM01b, KS08, MOS01, Nat10, Poi09, SM06a, TA00a, Tho04a, Tho04b, TND05, TIM08, WA07, Wu10]. Error [HDGM07, KL06, KTT02, Sch04, EG09, JC08a, MG09a, MG09b, SK08, vdEFL+02]. errors
[AW04, Imu07, WA07]. Escape [Man04]. ESPResSo [LAMH06]. essential
[AFK07]. essentially [KG07]. Establishment [BB09b]. estimates
[GKM*00]. estimating [GR01, GR02, GS01b, GZDA01, HS03, KS05, KNTG03, KSHP02, KCH00, Mam08, MNH01, MK05, MN07, Moh08, MC09, OS03, Pis00, PR06, Sav01, Sch06b, SSP08b, SMH*01, Sal05, VW05, WCBN05, dMBC*06].
evaluations [Sal02]. evanescent [DEW01]. evaporation
[DTD*02, WSB04]. even [HHW00]. Event [Ano7-31, BFHM*01, KRW03, KFI*01, ACC*01, BCD*01, BBB*09a, CDEW04, CB05, DDM05, DH01, JWW00b, JPS*01a, Jad03, JS07, LbotMC01, LMP*09, MP06, QWWW09, RRCV09, SVP09, SEF*01, SS02a, TS08, TSK*03, TKK*06, ABE*01].
event-based [DDM05]. events [ACIZ07, BDG*08, Nak07]. Evidence
[BMM05, LCPC04]. Evolution
[CS02, Cle05, KHH07, SR09, AG05, BFI*00, CCG08, CTS07, FS01a, HHL06, JS06, JPS*09, KZS*00, bLpL02, LL04, pLbL03, MSY07, MA06, PRBD09, SOYN01, TQ03, TGD06, Vog05, Wei02b, ZSK*04]. Evolutionary
[GOH06, vHL08, AOT01, BSO*04, CNFR01, Iwa01]. evolving [Bow02].
Ewald [Har02, LHC02, BTS06, FMD07, LHC01, OD07]. Exact
[AC07, BM06, EELZS04, Esi01, GME06, LR07, QASF*05, RM05b, SB05, CA09, CAF*03, Dv09, HB05, LL04, pLbL03, LL08, MC03, Mil06, Mil07, Poi08, Poi09, Sch06a, SGL09, TYN02, Yan03d]. Exact-exchange
[QASF*05]. exactly [HNS01, TNY00]. EXAFS [TK09]. example
[Teh01, Vég04]. exchange [FMN01, Gut06, PL09, QASF*05]. excitation
[BCP04, DDFI09, TND04, TND05]. excitations [OS03, YG09]. excited
[BCH05, QWWW06b, LHM00, MGV09, MCBR03, NW02a, RDF02, TA00a, TA00b]. excited-state [BCH05]. excitation [KN07b]. Excitons [vdHBP*02]. excluded [BDH*05]. exclusive [MP06]. execution
exhibit [Klth04].

**ExHuME** [MP06]. exited [BAB04]. **EXOTIC** [TA00a, TA00b]. expanded [Cip09].

**Expanding** [Hhm+09, Hm08, Fel08, Ft08, Hm06b, Ktg04a].

**expansion** [ASF+05, CRUV00, FSB09, KTT02, NFS01b, Pit05, San00, VK09b, WP06, Wei02c, Yan03c, Yan03d]. **expansions** [Bw01, Hj02, Rs09, Sea02b].

**Experiment** [Hlw05, Hkl+07a, Hkl+07b, Add+03, Abf+01, Ano03h, EfBp04, Hjm02, Kb02, Tldm03].

**experimental** [Aa07, An01n, Chl+07, Zsd+08]. **experiments** [Ddm07, Gfv01, Gq00, Gre04, Hlw05, Hkl+07b, Sgl04a, Sec04a].

**expert** [Ks07]. **Explicit** [Gfp00, Tq03, Ak01, De02, Fsw08, Gkw09, Jh09a, Lpc+04, Lce+09, Mvj09, On08, Van05c, Itvp08].

**exploitation** [Ae+02]. **Exploiting** [Mg09a, Spm00, Tys+00, Vhl09, Yn05a].

**exploiting** [Ae+02]. **Exploiting** [Mg09a, Spm00, Tys+00, Vhl09, Yn05a].

**Exploring** [Mss+07, Plo5, Lly07, Ssh+04, Sie04].

**Exponential** [Vamv08, Mg09a, Mg09b, Ram12, Vc08, DiHv08]. **Exponentially** [Fra07b, Ivd03, Asva00, Cfmr08, Kms09, Sim00, Sw00a, Sva01, Sva03, Van06, VIV01].

**Exponentially-fitted** [Asva00, Kms09, Sim00, Sw00a, Sva01, Sva03, VIV01]. **exponentials** [Bun01b].

**express** [YNz+09].

**Expression** [Tq03].

**expressions** [Gme06, Pog05].

**Extended** [Bh02, Fd09].

**Extending** [Bhl02, Fd09].

**extensible** [Lam06, Rs01b, Cd01b].

**Extension** [Atio06, Sr01b, Tq07, Dan07, Ddms02, Gkw09, Kbc+09, Mah09b, Iw02].

**extensive** [Efg+00].

**extreme** [Nov02].

**Extremes** [Sor02].

F [Sha04, Rds01a, Hd04]. **F-like** [Hd04]. **fl** [CG04]. **fabrics** [Rgr+04].

**FaCE** [Tnd05, Wn01, Tnd04].

**facility** [Vsb00].

**factor** [Dhs00, Es01, Kon02, Skh02a, Vc08].

**factorisation** [Maa00].

**factorization** [Akz00, Pda06].

**factorized** [Ps00].

**factors** [Fmg00, Gme06, Rs03, Wd04].

Faddeev [Tnd05, Leg02, Tnd04].

**falling** [Aok01].

**families** [Mks07, De02].

**family** [Cjc09].

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, Bd+02, Bh01, Bun01b, Bun01a, Dsc06, Gkk+08, Ixa07b, Mhs05, Ms08b, Rtvz08, Suy05, Vkm+05, Wei02b, Wro1, Yns+09, Ac07, Ah02, Bb04b, Bru00a, Ccgr09, Cbms08, Cd04, Ekw09, Es09, Hc00, Hjz09, Jk08, Kos05, Ld09, Lc08a, Lzc+08, Mp04, Mg08b, Moc03, Mm05, Om00, Od08, Ock+03, Oli01, Pma+04, Soy01, vHkk00].

**fast-switching** [Od08].

**Faster** [Ds01, Htnfbs06a, Htnfbs06b, Ms05].

**FASTERD** [Svp09].

**faults** [Ykk07].

**FDCUSYDecay** [Qxw07].

**FDTD**
[Ram10, MGN07, NSKS01, 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]. fence
[LC08a]. FERM3D [Ton07]. Fermi
[BBR03, BFL+01, GZDA01, Moh07, NM01a]. fermion
[ABM03, ASF+05, AAC+06, BCCM03, BBC+01b, BPP01, CAF+03, DDRW03, GGL03, JWV00b, KJ04, SW00b, Sol01, TA00a, TA00b].
fermions [BDF+08, CMK+03, CKLS09, DC05b, HK02, Jan05, Kol03, KALC08, MHK+05, OGKL02, PS08]. ferromagnet [LTA05, RLU01, dSL02].
few [DM07, Sav01, Var08]. few-body [Sav01, Var08]. FeynArts
[Hah01, HS02]. FERMI [Ton07]. Fermi
[BBR03, BFL+01, GZDA01, Moh07, NM01a]. fermion
[ABM03, ASF+05, AAC+06, BCCM03, BBC+01b, BPP01, CAF+03, DDRW03, GGL03, JWV00b, KJ04, SW00b, Sol01, TA00a, TA00b].
fermions [BDF+08, CMK+03, CKLS09, DC05b, HK02, Jan05, Kol03, KALC08, MHK+05, OGKL02, PS08]. ferromagnet [LTA05, RLU01, dSL02].
few [DM07, Sav01, Var08]. few-body [Sav01, Var08]. FeynArts
[Hah01, HS02]. FeynEdit [HL08a]. FeynHiggs [HHH+09, HHW00].
Feynman [Bek06, BT04, BCKT09, CD09b, FK00, GKR07, Hah01, HL08a, HvHMM09, KKK06, KNU00, RDF02, Sem09, ST09, TF00, TF04].
FeynRules [CD09b]. FFL [SLL07]. FFT
[BVY05, CL08a, FDM07, GBD03, MK08, iSHS+08, Tak03, Yam00].
FFT-split-operator [MK08]. fgh [Sea02b]. fiber
[Ger07, MTLC01, MCC05, MBC+09, NSKS01]. Fickian
[CL03, Ram05]. Fidelity
[Ker02]. fiducial [LVH07]. field [ACK05, AJ08, Bae03, Bae04, BD00, BS00a, BBB+05, BKB02a, CP00, CSC+07, CSC+08, CGG+08, CGG+09, DCJ07, DCM+08, DW01, DKV00, EKW09, FV02, GSM+03, Goe02, GR06, HGH+05, HCH+06, IH01, JTS+06, JG02, KSS02, KF05b, KDSB04, KK04, KMR+09, LC08b, LWY01, MR05, MMS+09, MFVJ07, NSKS01, NT04, NW02b, NM01b, iNKNV08, FCC+07, Pee07, PD08, Pit05, RLR006, RMMP02, Sem09, SFG04, TL09, VCCS05, WGY01, WTH+04, WRC+04, Wil90, XD08, YSM09, YW01, Zha01, vHLP08].
field-theory [Pee07]. fields
[ASF+05, CM02b, Cre00, EL06, Fel08, FT08, FSK04, GLHW01, KDW00, Mel01, PM00, SG06, SYN01, Ver04, Yak01, ZKASS05]. FIESTA
[ST09]. FiEstAS [Asc08]. Figure [Ano09r, Cap05]. filament [LLPL08]. Files
[Ano07-31, BBB+00, KN07a]. filled [LPRS02, LPR04]. film
[LTG09, LTT09, SLWH02]. FILMPAR [LTG09]. films [Dan05b, Mü02]. Filter
[LB09, CNFR01, GKK+08, SF06]. filtered [GBM02]. Filtering
[LB09, AAA+00, SA09, ZHZH09]. filters [CSS+03, MK08a]. final
[BBB+09b, JWW00b, SYP09]. finance [Sor02]. financial [KKH07]. find
[HS01b, LJY07, Ort00, Yan03d]. Finder [CJT06, GJT03]. Finding
[JS08, DM07, FD03, GKI02, GKI04, Hon04, Jam00, KKS04, bLP02, LL04, pLbL03, RDFS02]. fine [AJ08, FMD07]. Finite
[HL05, MZB+04, NN06, PKSF01, RLV+08, Zha00, BLS09b, BTI01, BJ08, CN01, Cha04, CCL08, DGA06, DB08, EMMJ03a, EMMJ03b, EFS+08, Flo01, GVMW04, GMAHV+09, GDAG05a, GDAG05b, HBW05, Im07, JBBR01, KMD+02, KMP09, LCCS01, LMC+03, MTJ02, MOS00, MOS01, OLS+01, RP02, Rob01, SLMS06, SFX02, SS02b, Ton07, VBF01, WHJ06, Whi00, XSC09, KSC+00]. Finite-difference
[HL05, NN06, BTI01, Im07, SHX02, KSC+00].
Finite-element [PKSF01, OLS+01].
finite-element/molecular-dynamics/electronic-density-functional [OLS+01]. finite-level [BJ08, DGAG06, HBW05, RP02].
finite-size [VBFD01]. Finite-temperature [Zha00, KMD+02].
finite-volume [Cha04, MOS00, MOS01, SLMS06]. finitely [SFSH01].
fireball [Tom09, KFJ+09]. First [Ano09a, CM02a, Har01, KKKC07, LN01, RG05, Tsa02, AS03, AJT+07, ABC+01, ADDdM07, CR05, CBBJ02, CTI07, CGVA09b, EYJ07, FG04, GBTM07, IVD03, JPS+01b, LDZ+08, LA09, MCBR03, MSK+05, Mor01, NKSLO5, SBCZ08, WKP+01, WC00, ZWD05, vdBHP+02, SZ04].
first-order [CBBJ02, JPS+01b, LA09, ZWD05]. First-principle [Tsa02].
First-principles [Ano09a, KKKC07, AJT+07, CR05, CTI07, EYJ07, FG04, GBTM07, LDZ+08, MCBR03, Mor01, WKP+01]. Fischer [Bur01, Hib01].
fit [ATP01, GKK+08, TAP01]. fitted [ASVA00, CFMR08, FSW08, Fra07b, IVD03, KMS09, MKS07, PAS09, Sim00, SW00a, SVA01, SVA03, Sim08, SWFL00, Van06, VIV01, WC05, Wan06a, Wan06c, Wan06b]. Fitting [CCBL02, MYC09, Bla00, Bru00a, FGMT02, KJ07, MKJ+05, Nap09, NP01b, Sim09, SF00, VAMVR08, vHLP08].
Fittino [BDW06]. fifty [IIK+08]. fifty-dimensional [IIK+08]. fixing [CM03, OS04]. FLAC [CGG00]. FLAPW [CMF00, FSB09]. Flash [LL07]. flat [BK05a, SLL07]. flat-plane [BK05a]. flattening [MTLC01]. Flavor [DGSS08, CS02, CAF+03, L¨us05, Mah09b, Mah09a]. flavors [KL01]. Flexible [T¨ot06, BCC+06, DGV08, DUX+09, FFP01, GIME02, GFP00, HKLY07, HHWH07, IVO00, ICO01, JOS07, KT07, LCS07, LCM00, LO00, LS05, MY00a, MY00b, MDT03, MC08, NKSLO5, NYH04, PCK00, SLL07, SBCZ08, STK+00, TMTF00, TK08, VKPB09, WGS00, WS02, Xia01, dNKM07]. flows [COE+05, FH00, Hu05, IK000, KT+00, KG0704a, ML06, RMVQ07, SR01a, Sus01, TFM09, TIM07, TIM08, TdFK00, TIM08]. fluctuating [DSL09, ICO01]. fluctuation [ICO03]. Fluctuations [LMS05, SSH02, HS02a, PB09b, TJLR06]. Fluid [ASC+05, KF05a, CLL+07, CMD00, DGV08, DUX+09, FFP01, GIME02, GFP00, HKLY07, HHWH07, IK000, ICO01, JOS07, KT07, LCS07, LCM00, LO00, LS05, MY00a, MY00b, MDT03, MC08, NKSLO5, NYH04, PCK00, SLL07, SBCZ08, STK+00, TMTF00, TK08, VKPB09, WGS00, WS02, Xia01, dNKM07]. fluid-solid [FFP01]. fluidic [BMS+09]. fluids [DPB01, DGR09, HAA07, HCO01, Ida00, Ida03a, Ida03b, LNC+03, SWY01, Tod01, WRMG05, YW00]. fluorescence [BG01].
fluorescent [SLL07]. flux [PCC+09, Pet04]. FLY [ADBF03, BAD01, BCA06, BACD07]. FMM [HJZ09]. FOAM [JS07, Jad00, Jad03]. Fock [BD05, DO04, DO05, DSC+09, MW01, SDNR05, DD00, Dol01, GLL+02, GG00, NM03, PS08, PRBD09, REAB08, SS09a]. focusing [HW09, SBBM04]. fill [BDV04]. Fokker [ABSM04, CBKM01, KA04, yMS01]. folders [BDH+02]. folding [Elb05, Oka01, SSA07, WL08]. following [AAG+04]. Force
[TKN⁺⁰⁸, AL₀⁰⁸a, ACC₀⁰⁹, BK₀⁰⁵c, CFJ₀⁰⁹, EL₀⁰⁶, Goe₀⁰², LZS₀⁰⁶, MFVJ₀⁰⁷, iNKNV₀⁰⁸, RMMP₀², SWC⁺⁰³, SWY₀¹, VCCS₀⁰⁵, YW₀⁰].

force-decomposition [SWC⁺⁰³]. force-field [MFVJ₀⁰⁷, iNKNV₀⁰⁸]. forced [SOYN₀¹]. forces [HG₀²b, JKKT₀⁰, LZS₀⁰⁸, LEG₀², MK₀⁰⁹]. forcing [AA₀⁰⁸, Yao₀⁰⁹].

Forest [OMF₀²]. Foreword [Ano₀⁰¹z, ME₀⁰⁰, Sco₀⁰⁹]. form [CRUV₀⁰⁰, CHS₀⁰⁹, Esi₀¹, Lei₀², Mah₀⁰⁸a, RS₀⁰³, She₀⁸, TNY₀⁰, FK₀⁰⁰, TV₀⁰⁷, MU₀⁰⁶]. form-factor [Esi₀¹]. formal [Oli₀¹]. formalism [EE₀², MM₀⁰⁸, PTL₀⁴]. format [Ano₀⁰⁷-³¹]. Formation [SCO₀⁰⁰, BNSY₀², FS₀¹b, GB₀⁰⁵, HOI₀⁰⁴, KK₀⁰⁰, MLPT₀⁰⁸, PSK₀⁰¹a, PSK₀⁰¹b, QTL₀⁰⁶, RRCV₀⁰⁹, Ron₀¹, SBD⁺⁰⁵, SHJ₀⁰⁷, Voi₀², Voi₀³, Yos₀⁰⁹]. FormCalc [HS₀², Hah₀⁰⁸]. FormCalc-generated [Hah₀⁰⁸]. formed [BSB₀²]. forming [GGL⁺⁰², LMM⁺⁰⁸, MDH₀⁴].

forms [BKKS₀⁰⁹, CCFG₀⁰⁵]. formula [Inu₀⁰⁷, MA₀⁰⁴, MA₀⁰⁸, Pom₀⁰⁶, TI₀¹, ZWD₀⁰⁵]. formulae [Sim₀⁰⁸]. formulas [CBMS₀⁰⁸, NP₀⁰⁰]. formulation [AK₀³, GPT₀⁰⁸, IBA₀⁰⁰, Leh₀⁰⁰, YW₀⁰¹]. formulations [Ram₁₂]. forsterite [LDZ⁺⁰⁸]. FORTRAN [BRdAHK₀⁴a, Hor₀⁹, KSYE₀⁰, Str₀⁵, BDD⁺⁰⁵, DG₀⁰⁸, DGS₀⁰⁸, Dem₀³, Dem₀⁶, DKM₀⁰⁷, EH₀⁰⁷, KLM₀⁰⁰, MMEH₀⁰⁸, MDM₀⁵, MA₀⁰⁹, PS₀⁰⁸, QRH₀⁰⁰, Rib₀², SS₀⁰⁹a, Sar₀⁰, SPF₀⁰⁰, TS₀⁰⁶, vH₀⁶, vH₀⁷]. FORTRAN-90 [BRdAHK₀⁴a]. Forward [SGM⁺⁰⁹, CRS₀⁰⁹]. Forward-backward

foundation [VSBD₀⁰⁰]. Four [BCCM₀³, KA₀⁴, YN₀⁰⁵a, ABM₀³, Bac₀⁰, BR₀¹, PPP₀¹, DWZS₀⁵, DDRW₀³, Go₀⁰⁰, KM₀⁰⁰a, KM₀¹b, MGG₀⁵, NN₀⁰⁹, SW₀⁰⁶b, TSA⁺⁰³, VT₀⁰⁶c]. four-atom [Bac₀⁰, Go₀⁰⁰, MGG₀⁵]. four-body [VT₀⁰⁶c]. Four-fermion [BCCM₀³, PPP₀¹, DDRW₀³, SW₀⁰⁶b]. Four-index [YN₀⁰⁵a].

four-momentum [KM₀⁰⁰a, KM₀¹b]. four-point [NN₀⁰⁹]. four-step [DWZS₀⁵]. Fourier [SVMT₀⁰⁰, CN₀⁰⁰, DSC₀⁶, Eli₀⁵, HC₀⁰⁰, JP₀⁰⁹, LC₀⁰⁸a, MM₀⁵, NJ₀¹, RM₀⁰⁵a, SA₀⁹, Tr₀⁰⁸, Wan₀⁰⁶a, Wan₀⁰⁶c, YZW₀²].

Fourier-based [MM₀⁵]. Fourth [ACK₀⁵, LJ₀⁰⁹a, MKS₀⁰⁷, UNK₁₂, Van₀⁰⁵a, Van₀⁰⁶]. fourth-degree [UNK₁₂].


FracMAP [CGC⁺⁰⁹]. fractional [CGC⁺⁰⁹, GBR⁺⁰⁹, TdRGD₀⁰⁹, Vort₀²]. fractal-like [CGC⁺⁰⁹]. fraction [TB₈⁵, Tho₀⁴b]. fractional


Franck [GME₀⁶]. Fredholm [Str₀⁰]. Free

[CIC⁺⁰³, Heio⁺¹, KCR⁰⁷, LKKK⁰⁷, Ram¹⁰, TC⁰⁷, Wan⁰⁶c].  **FRET** [SG⁰⁴a].  **FRETsg** [SG⁰⁴a].  **Friction** [CW⁰², KM⁰¹a, HOT⁰⁷, HTM⁺⁰⁸, Miüs⁰²b, RR⁰⁵, SS⁰²b].  **Frictional** [KMB⁰², DHBE⁰⁵, HKK⁺⁰¹].  **FRODO** [AC⁰⁵b].  **Froese** [Bur⁰¹, Hib⁰¹].  **Front** [Laf⁰³].  **frozen** [NB⁰³].  **FRS** [Kar⁰¹].  **frustrated** [Wes⁰⁷].  **Full** [ABER⁰⁰, GRS⁰⁶, ADS⁰⁶, BDLT⁰², Dür⁰⁹, FS⁰¹a, FH⁺⁰¹, GSSN⁰⁰, IIK⁺⁰⁸, Liu⁰⁷b, LS⁰⁵, Max⁰⁰, PAD⁰⁷, PCV⁰⁶, UTO⁰⁹].  **full**-¹ [IJK⁺⁰⁸].  **full-band** [PAD⁰⁷].  **Full-CI** [ABER⁰⁰].  **full-electromagnetic** [UTO⁰⁹].  **full-potential** [ADS⁰⁶].  **full-wave** [PCV⁰⁶].  **fullerenes** [LB⁰⁴].  **Fully** [Bac⁰⁰, BSB⁰², ABM⁰³, MA⁰⁹, Sus⁰¹, Xia⁰¹].  **function** [Ada⁰⁴, BFLW⁰⁷, BDP⁰⁰, CYAS⁰⁵, CGM⁰¹, CG⁰⁴, FKAM⁰⁵, GT⁰¹, HG⁰²b, ISSB⁰¹, JK²⁰, Kar²⁰, KHL²⁰, KBC⁺⁰⁹, MS⁰⁸b, MNH⁰¹, New²⁰, PG⁰², RdAGV⁺⁰⁰, SK⁰⁸, SA⁰⁹, Str²⁰, TGD⁰⁶, WDB⁰⁴, Yan²⁰, Yan⁰³b, Yan⁰³c, YW⁰¹, vEFL⁺⁰²].  **functional** [BJ²⁰, BSK⁺⁰³, CMK⁺⁰³, GH⁰⁰, HHM⁺⁰⁹, HLC⁰⁸, IBA⁰⁰, KTT²⁰, KH⁰⁹, Kur²⁰, LTG⁰⁹, LCV⁰⁶, Lor²⁰, MBR²⁰, OLS⁺⁰¹, OSK⁺⁰², SG⁰⁵, SK⁰⁵, SK⁰⁵, SMK⁰¹, VM⁰⁺⁰⁵, dGGS⁺⁰⁵].  **functional/Monte** [BJ²⁰].  **functionalisation** [VEG⁰⁸].  **functionality** [TV⁰⁷].  **functionals** [HKP⁰²].  **Functions** [GF⁰³, AS⁰³, AA⁰⁰, AA⁰¹b, JA⁰⁸, BP⁰⁸a, BDBV²¹, BC⁰⁵, BS⁰⁴b, BW⁰¹, CD⁰¹a, CA⁺⁰⁷, CGVA⁰⁸, CGVA⁰⁹a, DS⁰⁴, FG⁰¹, FH⁰⁴, FBB⁰¹, FBP⁰⁸, FA⁰⁰, GSS⁰⁶, GLH⁰¹, GZ⁰¹, GDAG⁰⁵a, GDAG⁰⁵b, GME⁰⁶, HTM⁰¹, Hua⁰⁹, HM⁰⁶b, HM⁰⁸, Ixa⁰¹, JG²⁰, KS⁰⁵, Kim²⁰, KSHP²⁰, Kir²⁰, KM²⁰, KF²⁰, KF⁰⁵b, KTL²⁰, KVR⁺⁰⁰, LDV²⁰, LPC⁺⁰⁰, LKC⁰⁶, LS⁰¹, Mie²⁰, MS⁰⁸b, MU⁰⁶, MN⁰⁷, MM²⁰, MSHP²⁰, MYL⁺⁰⁸, NM²⁰, Nob²⁰, PFG⁰⁶a, PDM⁺⁰⁸, PAT⁺⁰⁹, RB⁰⁸, Roy⁰⁹, SK⁰²a, Sar²⁰, Sau²⁰, Sch⁰⁶b, Sea⁰²a, Sea⁰²c, SMH⁺⁰¹, SJF²⁰, SFR²⁰, TB²⁵, TB⁰⁸, Th⁰¹, Th⁰⁴a, Tho⁰⁴b, TL⁰⁶b, VC⁰⁸, WP⁰⁰, WD⁰⁴, Wei²⁰c, YM²⁰, Zah²⁰, Zah⁰¹, ZBB⁺⁰⁶].  **functions-calculation** [GDAG⁰⁵a, GDAG⁰⁵b].  **fusion** [ASC⁺⁰⁵, BSW⁺⁰⁷, CBKM²⁰, KMR⁺⁰⁹, OSK⁰⁴, SE⁰⁴a, WML⁺⁰⁵, WSC⁰⁹].  **Future** [MSK⁺⁰², Ano²⁰a, Ano²⁰a, McK⁰⁷].  **FV** [WPL²⁰].  **FV-TD** [WPL²⁰].  **g** [ISH⁰¹].  **G.R.** [Leh⁰⁰].  **g-permute** [RLH⁺⁰⁹].  **Ga** [JK²⁰, LK⁰⁷, Ts²⁰].  **GaAs** [LVLS⁰¹, JK²⁰, KFB²⁰].  **GaAs/Al** [JK²⁰].  **GaGaRes** [BvG⁰²].  **galaxy** [RRC⁰⁹].  **galaxy-sized** [RRC⁰⁹].  **Galerkin** [FZ⁰⁹, LS⁰⁵, TKS³⁰].  **Galilean** [CK²⁰, IK⁰⁰].  **game** [EH⁺⁰⁷, VK⁰⁹a].  **GAMESS** [BB²⁰, FSBG⁰⁰, KPD⁰⁶, dMBC⁺⁰⁶].  **GAMESS-US** [KPD⁰⁶].  **gamma** [Car⁰⁶].  **GaN** [QASF⁺⁰⁵, Ts²⁰].  **Ganga** [Ano²⁰a].  **gap** [BZ⁰⁰, LLV⁺⁰¹].  **gas** [BLS⁰⁹b, BC⁰⁰, CP⁰⁰, CMD⁰⁰, DSH⁰⁰, GCP⁺⁰², GF⁰²c, Gut⁰⁶, HCO⁰⁰, HS⁰¹a, ID⁰⁹, ICO⁰³, KA²⁰, KH⁰⁶, KW³⁰, LJ²⁰, LNC⁺⁰³, MK²⁰, NW²⁰a, Nii²⁰, PPC²⁰, PCY²⁰, SCO²⁰, SMV⁰¹, TNI⁺⁰⁷, Ts²⁰, TC⁰⁰, YB²⁰b, Yok²⁰, Zha²⁰].  **gas-phase** [Ts²⁰].  **gaseous** [LR⁰⁷].  **gases** [DSC⁰⁶, IK⁰⁰, Lou⁰⁷, TS⁰⁶, Wes⁰⁷, WRN⁰¹, ZSSA²⁰].  **gastro** [WG⁰¹].  **gastro-intestinal** [WG⁰¹].  **gate** [LLT⁺⁰², LY⁰⁵].  **gated** [KACB⁰⁷].
gates [MSS00, RF05a]. **GAUDI** [BBB⁺01]. **Gauge** [Dürr05, Hei01, ALV05, ALN⁺01, BB09a, CM03, Fod05, OS04, PM00, Tri05]. **gauges** [CMM09, DD01]. **Gauss** [AA01a, CFMR08, CP00, Dei08, DSH02, DSH03, IP01, MS08b, Pon06]. **GaussDal** [ABN˚05]. **Gaussian** [CMM09, DD01]. **GaussDal** [ABN˚05]. **Gaussian** [WLR⁺08, CP00, FGMT02, FV02, Frü03, Fod05, OS00b, SF06, VM⁺05, WD04, Wen01, You09]. **Gaussian-core** [WLR⁺08]. **Gaussian-mixture** [Frü03]. **Gaussian-sum** [SF06]. **Gaussian-type** [FGMT02]. **Gay** [IW01]. **GBL** [DHS00, HS01a]. **GDF** [TGD06, TGD07]. **Geant** [Wel01]. **GEANT4** [AGM⁺00, AAB⁺08, HFN03, YFM09]. **gel** [KKM02, SBD⁺05]. **gels** [RvOvV02]. **GeM** [Che07]. **GenAnneal** [TL06a]. **Gene** [TS08]. **General** [CL08b, HLW05, HKL⁺07b, ASS⁺02, Cha00, FS00, FWP01, Gra02, HvDJvdM01, Jad00, Jad03, JJK05, KPT04, 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, Al05, BBR03, BM05, CFJ09, CAV00, DJ08, GHP01, GMAHV⁺09, HP02, KS05, KGM00, KHO⁺01, LDV06, LL08, Mah08a, NM01a, NRR01, RMWH01, Sch06a, CCD07]. **Generalized-ensemble** [NSMO02]. generated [BB04b, Hal08, SI01]. **Generating** [Hal08, ON08, BRD04, BBJW05, BM04, CCRA05, Dev05, HTM01, MLDP01, SJF07, vHK00]. **Generation** [CLFH07, RF05b, RF06b, AC05a, Bel05, BM05, Boy09, CFJ09, Flo01, FLJ⁺03, HSJ02, HvHHM09, IL07, JP09, Mas05, NP00, NYH04, Sem09, SGF04, SEF⁺01, SMK01, TIN⁺09, TNCG00, WH02]. **Generator** [KRW03, Abe01, ABM03, ATB⁺01, ACIZ07, AKS01, AKS02, BB09a, BS04a, Bel01, BPP01, BvG02, CPW09, CDEW04, CWW06a, CWW06b, CWW07, GK05, Jad00, JW00b, JPS⁺01a, Jad03, JS07, Jun02, KFI⁺01, Lad09, LMP⁺09, MP06, Pap01, Pro00, QWW09, RS00, Sch06a, SVP09, SS02a, TA00a, TA00b, Tom09, TSA⁺03, TJK⁺06, CBMS08, KTFB06]. **Generators** [DGLB08, DH00, WH06, LBP⁺09]. **Generic** [PJSK08, AAG⁺04, Al09, BBPS07a, BBPS07b, BBPS09, Di01, KEM⁺01, SDLW07]. **Genetic** [CB05, Br00a, NP01b, Sug01, TL08a, WMS09]. genetic-algorithm [WMNS09]. genetic-algorithm/simplex/spatial-grid [WMNS09]. **Genetically** [TL06b, TL06a]. **GenMin** [TL08a]. **Gennes** [MM04]. **genomes** [CHL05]. **GENXICC** [CWW07]. geodesic [FMMQ08, Rib02]. **geometric** [HHG⁺05]. **geometrization** [KKM02]. **Geometric** [LWY01]. **Geometrical** [JS05, LAN⁺01]. **geometries** [AH02, BM02b, Cha04, KEM⁺01, LC07, MC08, SP07]. **Geometry** [Sri01, BMML05, DC03, KPT04, KS04b, Poi08, Poi09, Pop03, RJFB08, SGF04, SZ04, WTH⁺04]. **geophysics** [MS05b]. **George** [KOC02]. **GFACtor2001** [Kon02]. **GFcuBHEX** [GLHW01]. **Giant** [ALN⁺01]. **GIAO** [Dup01]. **GIAO-SCF** [Dup01]. **GIBBS** [BFL04, FFF01]. **GinNaC** [BD02]. **Ginocchio** [MS08b]. **Ginzburg** [BDHP08, CSCK08]. **GIOD**
Glass [GAR05, GGL+02, BKB02a, BKB02b, CPT+01, HG02a, RLU00, SH06, VKN07, YD07]. Glass-forming [GGL+02]. glasses [Kat02, You02, You05].

Glassy [dO09, RR05]. GLauber [BRB09, AIOST03, BG06]. GLASSANDO [BRB09]. Global [ATP01, MT02, NV09, Roy09, TAP01, WTH+04, AA07, BJ03, BGS+04, BP08b, DR09, IK+08, JBBR01, JBA+07, KPF03, LPC+00, OS04, Swi04, TBZ12, TLP04, TL06b, TL08a, VPP+12]. global-scale [Swi04].

globally [Maa06, BHNW01]. GLoBES [HLW05, HKL+07a, HKL+07b].

GLUE [RTS01]. gluon [KKK06]. gluons [KKK06, KMP09]. Gmat [CNMC09]. GMIC [OGWH03]. Go [Gra02]. Going [Jan05]. Golay [MMM00]. gold [SPV07].

Golem95 [BGH+09a]. good [LCPC04]. Gordan [BRD04, CRW09, Dra01, KW08, RF06b]. Gordon [KA09]. Gourmet [Koc02].

Gordon [KA09].

gourmet [Koc02]. GPUs [YNS+09]. GR [TSA+03, TKK+06]. GRACE [BBB+00, FIJ+03]. GRACE/SUSY [FIJ+03].

gradient [GHP01, KLD04]. gradients [BSO+04, Do01]. GRADSPH [VKPB09]. Graduate [Ano04a].

growth [Ano04a].

Granular [ACC09, BDK+06, DHBE05, HM00, KBBW02, Rap02b]. granularity [Abe01, Mak01]. GRAPE-Dilepton [Abe01]. graph [PG06, Zim02]. graphical [AGS07, BT04, BCKT09, KJ07]. Graphics [LSVMW08, MCLDP01, CDD08, Hor09, MBK09]. graphs [BBJW05, HLB06, JPS+01b].

Grasp2K [JHF07]. GRASP92 [FGR06, PFG06b]. Grazmann [AF05]. grading [MC01]. gravitating [CD05, VKPB09]. Gravitational [HBR05, Leh00, ABC+03, MTH04]. gpc [KFI+01]. Green [GBM02, GLHW01, KBC+09, KF03, KF05b, MNH01, RdAGV+00, WP00, YW01].

Grid [HKM+07, KL07a, Shi09, AAKL07, BLCR05, BS08, CSZ+07, EI08, GHS04, IF03, Jsd00, KTT09, MTH04, MSPH02, OK09, Sak07, iSAK+08, Sch06b, SEC04a, SFF+04, WMS09, vdfHKM08, Ano08b, KKH07, Shi07].

grid-adaptive [vdfHKM08]. grid-based [CSZ+07]. grid-size [BS08].

Gridless [VBFD01]. grids [CSC+04, ID09, KSC+00, KNT08, ID09, SKNV01, SKNV05, SMH+01, SD07, TCY+08, WPL02]. Griffiths [DKC08].

GROMOS96 [BMG00]. Gross [CPS00, DC07, MA09, TQZM08, TS06].

Ground [BH03, DC07, YN05b, BM06, CWSH08, DCCN09, FV02, HG02a, LR07, WL08]. group [Alv09, CC04, FLO06, MI05, RF04, WN01, YT01a, Zit09]. Grouping [OGWH03]. groups [Goc04, RF05b, RF06b].

Growth [BM01, AFP02, BSWD02, Dan05b, MABK02, NSY02, RIB01].

Growth06_v2 [Dan09b]. GSA [RTS01]. GSM [BP08a]. GTC [EL04].


GUT [EH07]. GW [FER+07b, GGG01, MSB09, SR+00]. gyro
[PCC+09]. gyro-kinetic [PCC+09]. gyroid [HHCC05]. Gyrokinetic
[KL04, EL04, IIK+08, Lee04, PCK00, RLI07]. gyrokinetic-ion [PCK00].
gyrokinetics [BH05]. gyrophase [SAU+04]. GYutsis [VF03a].

H [EVL00, Hon04, Koc02, Lai03, Gro01, LKPH08]. H-VLPL [LKPH08].
hadron [Bar00]. Hadronic
[Vel01, BEM+02, CDEW04, CWW06b, CWW07, HS03]. hadronization
[TSB+05]. hadroproduction [CWW06a, QWW09]. half [HM08].
half-integer [HM08]. Hall [ADG08, CB04, KB04]. Hall-MHD [ADG08].
Hallen [SR05]. haloes [GB05]. HAM [RE09]. Hamiltonian
[HL00c, Hon04, Koc02, Laf03, Gro01, LKPH08]. H-VLPL [LKPH08].
Hamiltonians
[MR04, RLR06, UCG+05]. hand [BV00]. Handling
[ADD+03, BGLLW01, Sfi01, SS09]. Handy [YFM09]. Hankel
[SS08a, SSP08b]. Hanning [CL08a]. Hansen [Vak00].
HAQMC [GPW+09]. hard [MCC05, RM05b, SSLN02, TNI+07]. hard-core
[RM05b]. hard-point [TNI+07]. hardly [Huk02]. Hardware
[ADD+03, BGLLW01, Sfi01, SS09b]. handy [YFM09]. Hardware-Accelerated
[GPW+09]. HARES [WKP+01]. harmonic
[Bek06, BFL04, Bli04, Bli09, CIC+03, CHS09, DD00, DO04, DO05, DSC+09,
GR01, GR02, GME06, HLO8b, HZG09, LDZ+08, Mai06, PS08, SDNR05,
TS06, You09]. harmonic-oscillator [DD00, DO04, DO05, DSC+09].
harmonics
[Bal07, CRW09, CP00, GS01b, IFF01, San00, SG00b]. Harrison
[Wan00]. Hartree
[BD05, DD00, DO04, DO05, DSC+09, SDNR05, CWSH08,
Dol01, GLL+02, GC00, NM03, PS08, REAB08, SS09a]. hash [ZBB+06].
HASPRNG [LBP+09]. Hausdorff [WS09b]. hbook [Pfl00]. HBrowse
[BBB+00]. HCP [GLHW01]. HDF5 [SC04]. HDMR [KK04]. He-like
[CWSH08]. healing [MCL05]. health [SJDC07]. heart [ZS07]. Heat
[TNI+07, BBR04, JHV003, Liu07a, RE09, SG09]. heating
[BBB+04, BBR04, DBR+02]. Heavy [LMP+09, Bar04, Cha07, CWW07,
CS02, DGS09, KTB06, OSK04, TA00a, TA00b]. heavy-IoN
[KTBP06, Cha07]. HEDP [RG04]. Heisenberg
[TBL02, dSL02]. Heitler
[Fri03]. HELAC [KP00, CPW09]. helicity [KP00, MM08]. Helium
[CC08, Yos03, Yos07]. helix [YD06]. helix-coil [YD06]. help
[GGL+02, JS06]. HemelLB [MC08]. HENP [BNO+01]. hep
[AAB+07, BBN+01, SS07b]. hep-ph [AAB+07]. hep-ph/0411186
[AAB+07]. HepMC [DH01]. HERA [AAM+01, BMF+01]. Hermite
[FR04, LdVJ06, Pom06]. Hermitian [BFL04]. HERWIG [KRW03, CF02].
heteroepitaxial [MABK02]. heterogeneous [Ste05]. heterogeneously
[MTC07]. heterojunction [LH03]. heteropolymers [BJ05a].
heterostructures [SSPM05, Dan07]. heuristic [VF03a, VF03b].
hexadecane [VMMB02]. hexadecane-CO [VMMB02]. hexagonal [Zah01].
HF [BFH05]. HFBRAD [BD05]. HFBTHO [SDNR05]. hfodd
[DSC+09, DD00, DO04, DO05]. HFSZEEMAN [AJ08]. Hierarchical
[The05, AN001, CD04, Col07, Hui05, Ort00, SKNV05, TC06]. Higgs
BADC07, BMS + hybridization [TAM04].

hybrid-Darwin

AKS01, Cun09, GBFS07, KPF03, LKPH08, PCK00, RB00, SW00a, SvAS01, Ker02, KKF+04, LRI+06, LVV09, LLT+02, LKKK07, LDZ+08, Mam08, MMTH04, MC08, NV09, PPM04, PPC07, PD08, PDM+08, Ros04, Sak07, SMB09b, iSAK+08, SLMS06, SYA01, SKRR04, TAM04, WW05, vHK00].

high-[LLT+02].

high-accurate [WW05].

High-dimensional [BTK+02, vHK00].

high-efficient [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 [LDZ+08, PDM+08].

high-resolution [BVY05, KKF+04, Ros04].

high-speed [GCD06].

High-temperature [HJ02, LDZ+08].

Higher

[SR09, LVV04, MA04, MA08, NGE+04, TYSH05].

higher-energy [TYSH05].

higher-order [MA04, MA08].

highest [De 02].

Highly

[CWS08, Zak06, AT09, FBB01, KSYE00, San00, SZ00a].

Highly-accurate [CWS08].

Hilbert [KSTL03, KSHP02].

Hilbert-transform [KSTL03].

Hilliard [KEM+01].

Hirvensalo [Vio04].

histogram

[HF06, SR01b, VM02, YD06, dO02, dSL02].

histogram-reweighting [VMMB02].

histogrammed [BBBD06].

histograms [BH08].

history [MH05, Wro08, YFM09].

HIV [CRPC08].

HIV-1 [CRPC08].

HMC

[Lo05, MSS+07, USW06].

HMTA [GW01a].

Hogg [TS02].

Holden [LA03].

hole [BFI+00, HBR05, RRRH08].

holes [CGCS07, Le00].

Holistic [Rob01].

hollow [KHL07].

hologram [PCA+07, SI01, TIN+09].

holograms [JP09].

Holographic [iSAK+08].

holography [SMS+00, SH02].

HoloTrap [PCA+07].

homogeneous

[BBJW05, CGG+08, CGG+09, GM02, Gut06, GMO03, KW03, Ste05].

homopolymer [SWL09].

homotopy [SPS09].

HONEI [vDG+09].

Hopf [AF05].

HOPPET [SR09].

hopping [Bes02].

horizon [Shi09].

HORN [SMS+00, SH02].

HORN-3 [SMS+00].

HORN-4 [SH02].

Hoshen [TG00].

Hosting [ZC09, CSS+07].

hot [TAM04].

Houches

[An07-31, An09u, Ha09].

HP [WL08].

HPL [Mai06].

HPLC [NP01b].

HRMC [OPO+08].

Hubbard

[AC07, CA09, FM00, GO00, KG00, LR07, Ots01].

Huberman [TS02].

huge [TYSH05].

human [KACB07, KN07a].

hurricane [Mas00].

Hybrid

[CSC+04, CKA+09, KSP04, OLS+01, OSK+02, OPO+08, RO05, SBL+04, AKS01, Cua09, GBFS07, KPF03, LPK08, PCK00, RB00, SW00a, SvAS01, SW04, TAM04, Tak00, TW09, WMNS09, WBDB04].

hybrid-Darwin [TAM04].

hybridization [VPP+12].

hybrids [KPF03].

HYDGET [LMP+09].

hydration [DELG05].

hydro [MN00].

hydrocarbons [EY07].

Hydrodynamic [MPS09, LPK08, LLPL05, MC09, PM01, Xia01, YNK05].
Hydrodynamical [JKKT00, NBPG08]. hydrodynamics
[JHv003, MY00b, RvVR09, Ska05, SD07, TE05, VKPB09, LMP+09]. hydrogen [Bac02, CGG+08, CGG+09, HPC05, Jia08, KRTZ02, KF03, MOC03, PDM+08, SKF05]. hydrogen-bonded [Bac02]. hydrogen-like [CGG+08, CGG+09, SKF05]. hydrogenic [Dy09, HB05, LS01, Sar00]. hydrogenated [RJO00]. 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]. hypergometric [CR08, CGM01, CG04, HM06b, HM08, MS08b, NP00, Wen01]. hyperplanar [BJ05b]. hypersonic [KTG04a]. hyperspherical [APV00, CGA+07, CGVA08, CGVA09a]. hypervelocity [VKN07]. HypExp [HM06b, HM08]. Hysteretic [LA09].

I/O [Hah09, OCK+00]. Ian [Bur01, Kar01]. IANUS [BCC+08]. ICP [LC07]. ICRF [IDS+04]. ICRH [PHKL02]. Ideal [ATF+09, CLR08, SIH+01, IK00, Ros04, SHW01, WBC+07]. identification [TdRGD09]. identity [EG09, KHÖ01]. ignition [VSBD00]. II [Ida03a, ABV02, BGLLW01, CCFG05, CMT01, CHP04, GKP+06, Ida03b, IW02, PBI07, PSK01b, RF06a, THM01, Var08, Yan03b]. II.1. [ATP01]. II.2. [TAP01]. III [CdEF+05, DD00, GFF01, RF07]. ill [RMWH01]. ill-posed [RMWH01]. illumination [OKS04]. Image [MP05, BR01, DCJ07, ML03, MD00, QTMMH07, RSD01, XD08]. ImageJ [DGR09]. ImageJ-based [DGR09]. images [AAA+00, AEE+05, BK05a, GBR+09, HF06]. imaginary [FH04]. imaging [BS09, LZC+08]. immersed [Den08]. immersion [MIM+07]. Immiscible [HCO00, BC00]. immobilization [STK+00]. Impact [HDG07, MHH+05, MOC03, OMC00, SM06b, VKN07]. impacts [KPS+01]. impedance [DEW00, Pet04]. imperfections [BV05]. implantation [KPS+01, MIM+07]. implanted [BSO+04]. Implementation [BP08a, Do01, GQ01, KBC+09, LC01a, MS08a, WR+04, ASF+05, Alv09, ARV02, BB00, BTX+02, BSK+03, BCCW03, BVK02, CGIA07, DDdMS02, Dup01, DHHB05, DM07, EVL00, El05, EFS+08, GZ07, HS02, KM01c, LR07, LEG02, Mai06, MM08, MP01a, OCK+03, OD07, Oh01, OBG09, PPM04, PPKM02, PCYC02, QR00, RJFB08, RS03, SS09a, TRGR08, Tak03, TG00, WV05, WHL05, Zha08]. Implementations [VCF+04, Xia01, CC04, SK08, Yam00]. Implementing [Nil07b, PLPS08, Di 01]. Implicit [JH09a, ADG08, Cha04, CCO07, DPPG06, GKI04, LBPS09, MLD06, SD07, VV01, WR+04, XZ12]. Implicit-explicit [JH09a]. implicitly [Gal00]. implosions [WSCW09]. Importance [VPW02, ZWD05, ZIM05]. improve [MC09, Pr00]. Improved [CRS05, IDS+04, KM01c, RY00, SHW01, YWLC04, Cip07, Cip08, Ida00, Ida03a, Ida03b, LCE+09, MHK+05, Nat09, Nat10, TL08b, UOM01]. Improvement [SLL07, WH00, BH07, Dü05]. Improvements
Improving [DS04, DGLB08, GL02, PWH+00, SSZ01].
impurity [MP05, WK02]. IMT [MKK05]. InAs [LVLS01]. InAs/GaAs [LVLS01]. incidence [BB07], including [Con04, FFD00, SKH02a, WD04]. inclusion [GMBC08]. incompressible [Ida00, Ida03a, Ida03b, ZHC00]. incorporating [NW02a, SOYN01]. incorporation [ON08]. increase [SLL01]. Increasing [AA01a]. independent [ASF+05, DC07, KV08, Man02, MN01, SM02, Str05, VEG08, WS09a]. Index [Ano00b, Ano00d, Ano00e, Ano00f, Ano00g, Ano00h, Ano00i, Ano00j, Ano00k, Ano00l, Ano00m, Ano00n, Ano00o, Ano00p, Ano00q, Ano00r, Ano00s, Ano00t, Ano00u, Ano00v, Ano00w, Ano00x, Ano00y, Ano01b, Ano01c, Ano01-27, Ano01-28, Ano01-29, Ano01d, Ano01f, Ano01g, Ano01h, Ano01i, Ano01j, Ano01k, Ano01l, Ano01m, Ano01n, Ano01o, Ano01p, Ano01q, Ano01r, Ano01s, Ano01t, Ano01u, Ano01v, Ano01w, Ano01x, Ano01y, Ano01z]. Indexing [BFMH+01]. indices [Sal02]. INDO [SS09a]. induced [AP05, Eli08, EM08, LVLS02, MB05a, MLPT08, MSH01, NM01b, NY07, RS00, Wro08, XD08]. induction [CMT00, CMT01, LZS08]. inelastic [LDBG08, MFVJ07, RS00]. inertial [ASC+05, WML+05, WSCW09]. inexpensive [ATB+01]. inference [Vég04]. infinite [GBM02, LIR+06]. Influence [CBBJ02, TMN01, SHJ07, SGK09]. Information [DDEM00, CHL05, GDC01, Han00, ME00, OGG07, Ort00, Tót08]. Infrared [NI01]. infrastructure [KKH07]. inhomogeneities [BLCR05, NM01b, VS01]. inhomogeneous [MM04, Yak01]. Initial [BRB09, IHAR09, ASVA00, Kos05, MV05, PAS09, Rob00, Rob01, SVA01, WW05, Wan05b, Wan06b]. Initial-State [BRB09]. initial-value [ASVA00, SVA01, WW05, Wan05b]. initialization [BDBV12]. initiated [Bar00]. initio [BTS05, MKB02, Nik03, PCCD09, SHZ01, iTKST01, YKK07, ATP01, CCB02, HG02b, Hn00, KFJ+09, MHG09, MSH01, NW02a, RPD+05, TAP01, TMN01, BGH+09b]. Injection [PPB+04, SJCM04]. InN [QASF+05]. Input [KN07a, FGA04, Wen01]. INS [RC04]. insecticide [IN02]. Insight [YNZ+09]. inspired [CP05]. instabilities [BZ00, Litt04]. Instability [NHS07, BH05, CDQF07, CT00, DMR01, DMR02, MDH04, MTZ00, Nur04, Sus01]. instanton [MK20, RS00]. instanton-induced [RS00]. Instructions [Ano00z]. insulator [KGM00, YH02]. integer [HM06b, HM08]. integer-valued [HM06b]. Integrability [Par04, HSSA01]. integrable [Bru04, CTR00, KW07, OFM03, qX08]. Integral
Integrals
[CCGR09, PR06, Sle00, ADDdM07, BD02, Bek06, BBR03, BGH09a, BW08, Cza06, Del08, GKR07, HB05, KCH00, KK06, Man08, MR06, Moh08, NN09, OIKN02, SHH02a, SKF05, UK02a, WD04, ZF00, dDSFY04].

Integrands
[IP01, Kau03]. integrate
[NKV03]. Integrated
[Han00, KMCS01, KPF03, LR06, ZPB09]. Integrating
[VC08, SG06]. Integrations
[Sea02c, WDB04]. integrator
[Tak00, Van06]. integrators
[Fra07b, SS06]. intense
[BK06a, CP00, FSK03, HW09, KS04a, LCB07, Zha01]. intensity
[BH01, BD06, CP00, Dan05a, Dan05b, DS06, Dan07, PD08]. Inter
[BFL+01, EMJH03b, GDC01]. inter-dot
[EMJH03b]. Inter-Process
[BFL+01, GDC01]. interacting
[DDD+01, PS08, Tat07]. Interaction
[WN01, BK06a, BMK05, FFG02, HYY07, KPD06, KTG04b, LCB07, LS01, yMS01, MCL05, NHS07, RCG05, Sar00, Sav01, TZZ06, TEP00, tTKST01, Vie01, WSB04, WML+05, YRR07].

Interaction-round-a-face
[WN01]. Interactions
[Mah08a, AH02, CF02, HL08b, HJZ09, LZS06, LLPL08, MV04, MMEH08, PHF+07, PD08, SSB04, SZ04, SS05, YNK05, Zab00a]. Interactive
[PCA+07, WCLL00, WSCW09, BCD+01, CGC+09, Gre07, MPK00, PRRK07, vdB08]. Interconnected
[BHNW01]. Interface
[FSGO00, ZHC00, BT04, BCKT09, BB03, Den08, Hah08, Hor09, KFJ+09, Lin07a, MRF+05, RLU01, Tam03, WMK09, dRL09, MCLDP01]. interfaces
[Den08, GGG01, Har01, KRW03, RJCH00, JWY01]. interference
[KM08a]. interferometric
[ABC+03]. interior
[DELG05]. Interlayer
[BNSY02, LNK01]. intermediate
[AJ08, BCG03, CRPC08, CM02a, JG02]. intermolecular
[KPD06]. internal
[Goc04, HCO01]. International
[BDL00, BSJ00]. Internet
[CHR00]. internucleoside
[BSB02]. Interparticle
[SWY01, YW00]. Interplay
[MüI02]. interpolated
[CL08a]. interpolating
[BS04b]. interpolation
[BW01, Hin00, HDG07, PSK01b, 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]. Invar
[MGPM07, MGYP08]. invariance
[HP02, HL00c, SAG+02]. invariant
[BB04a, CK08, IK00, PSK01a]. invariants
[MGY08, PS06]. inverse
[BV00, CRUV00]. inversion
[Don02, MHK02]. investigating
[TQ03]. Investigation
[ACC09, BDK+06, WCG04, BKB02a, CM02a, HSS+08,
invocation [DBE+04]. involving
[AA08, Ida00, Ida03a, Ida03b, LS01, Sar00, Yao09]. IoN
[KTBF06, Vic01, BF04, Bar00, BSO+04, Cha07, CBKM01, HPC05, JGJ09,
KLD04, LdG+07, LMP+09, MCBR03, MOC03, MS05a, MIM+07, OMC00,
OSK04, OKS04, PK09, QTL06, Rau01, Sch08, SNBB02, WCG04,
WRN01, WDBB04, OMC00, MOC03]. Ion-atom [Vic01, OMC00, MOC03].
Ion-atom/ [MOC03]. ION-ATOM/NEON [OMC00]. ion-beam [OMC00].
Ion-atom/ [MOC03]. ION-ATOM/NEON [OMC00].
ionisation [BS03]. ionization [Bar00, KB02, Kur02, MOC03, OMC00, RMK05].
ionized [Lon07, WK02]. ionosphere [KKSR04, SKRK04]. ionospheric [BCD+07, Eli08]. IonRock [BSO+04].
ions [CWSH08, GS01a, KF03, SJP05, SHJ07, SKF05, Wro08]. IPA [PJK00]. IR
[SJHY07]. irradiated [CP00]. irradiation [OSK04, RTVZ08]. Irreducible
[GRRO1, De02]. Irregular [Wen01]. irreversibility [KA05]. Irreversible
[Sta00, LA09]. ISBN [Hoo04, LAF03, Par04, Sha04, Vio04, Wan00]. ISICS
[Cip07, Cip08, Cip09]. ISICS2008 [Cip09]. Ising [BCBJ02, BMML05, BM06,
CM02b, CHP04, FV02, HBMM05, KM01c, LTA05, NH09, SSO7a]. isobaric
[BFL04]. isospin [Dev05, GFG+06, Mah08b]. isothermal [BFL04, TE05].
isothermal-isobaric [BFL04]. isotopes [LC01b]. Isotropic [JBS08, JOS07].
Isotropic-isotropic [JBS08]. isotropy [Koz02]. ISSN [Hoo04]. issues
[Lec04, RGR+04]. iterated [Sch05]. Iteration [SZ00c]. iterations
[CvdEF+05]. Iterative [BK06b, JBBR01, BDW06, BFLW07, CL02, FS01a,
L03, LY05, MP01a, MGG05, RB08, SMZ05, WWF08, WRC+04, ZSM05].
Iteratively [DSH02, DSH03]. ITG [BGS+04]. IV
[CKA+09, DO04, IFF01, RF08]. IVPs [FSW08]. IX [PFG06a]. Ixaru
[AA01b].
J [RP02]. J4HistoryKeeper [YFM09]. J90 [WLH00]. Jacobi
[KA01, Yan03b]. Jacobian [Yan02, Yan03c]. JADAMILU [BN07]. Jahn
[GFG+06]. January [BJS00]. Japan [Sak07, Yos00]. Java
[Esq04, Chr00, Esq04, KM08a, MCLDP01, RSD01]. JaxoDraw
[BT04, BCKT09]. JChainsAnalyser [DGR09]. Jet
[CJT06, GJT03, HfN03]. JETS [LMP+09]. JetViP [Püt00]. JetWeb
[BB03]. JJGEN [SJF07]. John [An004b, An004-45]. 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
[CGVA09a, CGA+07, CGVA08]. keep [Var02]. keeping [YFM09]. Kernel
[Cra01, Kos05, MP04, SHT08]. Kerr [HBR05]. KEWPIE [BAB04]. key
[MHS05, VK09b]. Keystream [AMRP04, WLW04]. kicked [Bow02]. Killing
[dSB00]. Kinase [iTKST01]. kind [WW05, WS09a, YM03]. Kinematical
[Dan05b, BD06]. Kinetic [EFBP04, HKPL07, Lon07, MABK02, RIB01, RPd+05, SMH04, AGJ07, ASC+05, BD08, BSDMH05, BDBV12, BGS+04, DJ04, DGV08, DKS08, HOI04, HS07, HW09, IF03, KSPT04, MCL05, MR04, MHS05, PCC+09, PSK01b, SMH+01]. kinetic-fluid [DGV08]. kinetic-MHD [KSPT04]. Kinetics [AFP02, NL07, NG02, Pur02, BDHP08, KA04, Nak08, Pin01]. Kirchhoff [Pis00]. KK [JWW00b]. Klein [KA09]. KLOE [Sfi01]. KMI [HKM+07]. KMI-R1 [HKM+07]. knockout [BG06]. knowledgebase [BDG+08]. Kogut [CAF+03]. Kohn [SJ02, WT01, AK03, MMR04, PAD07]. Kontorova [KM05]. Kopelman [TG00]. KoralW [JPS+01b]. KoralW&YFSWW3 [JPS+01b]. KORALZ [JWW00a]. Korea [Cho07, SS07b]. Korteweg [KD09, Zak00b, ZY09]. Kranz [HHL06]. Kronrod [AA01a]. krypton [STK+00]. KSTAR [KY07]. kT [JPS+09]. KvJet [BCCW03]. Kutta [Fra02, KMS09, PAS09, Van05b, ASVA00, BT01, CFMR08, MVJ09, Van05a, Van05c, VIV01, 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, CRS09, Idalo05, ML06, TYN02, TFM09, UNK12]. Laguerre [Hua09]. Lakshmanan [Par04]. lamellar [LMS05]. LAMMPS [KBC+09, LS09]. lamp [SLL07]. Lanczos [BSTC05, QHM+00, GNZ+09, MA06]. Landau [BR09, CM03, KS08, BDHP08, CSCK08, KS84, LWT08, LOL+06, LLWL07, OS04, PRSB08, SWL90, WL08, YD07, Zha08]. Landau-gauge-fixing [CM03]. Landau-Transition-Matrix [BR09]. landing [KPS+01]. landscapes [WLG09]. Lane [SPS09]. Langdon [Ano04-56]. Langevin [DBR+02, QP05]. Langmuir [CS07]. Langtangen [Hoo04]. language [Bor07]. languages [BDK+06]. LanHEP [Sem09]. lanthanides [EA01]. Laplace [Don02]. LAPW [PWH+00]. Large [DMR02, KMD+02, LM02b, RVov02, TIM08, ULA+02, Vor02, ABd+05, BV05, BN07, CLL+07, DVG05, DBE+04, DM07, ES09, FTGG07, HS01b, KKK+06, KTT02, MC08, MfVJ07, MDC09, MAM04, MAM07, MHK+05, MM01, iNKNV08, OCK+00, OGW03, PQGG06b, QG04, REAB08, RTVZ08, RCG05, Sch06b, SKNV04, SJ02, Str05, TYP03, TYS05, TL09, WCGL00, WV04, TIM07]. large-[TL09]. large-area [CLL+07]. large-eddy [DVG05]. Large-scale [KMD+02, LM02b, ABd+05, BV05, DBE+04, FTGG07, MDC09, iNKNV08, OCK+00, PFG06b, REAB08, RCG05, SJ02, TYP03]. Laser [BCC04, Gha05, BMB+04, BK06a, BBR04, BDV04, CP00, DBR+02, EST00, FSK04, GPP00, HD04, HS07, HW09, KDSB04, Kur02, LDG+07, LKH08, LCB07, Mah08a, MK05, MLPT08, NY07, PD08, SJHY07, SSB04, SBBM04, VSBD00, WML+05, Zha01]. laser-accelerated [LDG+07]. laser-atom
laser-driven [MK05]. laser-induced [MLPT08]. laser-matter [LCB07]. laser-plasma [VSBD00, WML\textsuperscript{+05}]. laser-produced [GFP00]. laser-target [PD08].

Lattice

[BS00b, Cre00, EFH\textsuperscript{+07}, Fod05, HL00a, KS04b, MS05a, Nii00, PY08, SHT08, Suc02, vSvdG08, ALV05, All01, ALN\textsuperscript{+01}, BB09a, BBD00, BC00, CYAS05, CT00, CK08, CMD00, CAF\textsuperscript{+03}, CMM09, CND09, DCN09, DDD\textsuperscript{+01}, DS04, DPB01, Di 01, DHS00, DSL09, Fel08, FT08, FKP03, FJC\textsuperscript{+05}, GL02, GHZW03, HvHHM09, HC000, HCO01, HS01a, HNG05, IK00, IK000, ICM03, JU09, JH09b, KITK00, KK05, LNC\textsuperscript{+03}, Luo00, L\text{"us}04, L\text{"us}05, Mas05, MHR\textsuperscript{+07}, MC08, MSS\textsuperscript{+07}, MG09b, OS04, OCS\textsuperscript{+08}, PCF05, PPM04, PCYC02, RS09, SCO00, SSO7a, SB05, TMTF00, TCF00, Tri05, TCO00, TdFK00, Voi02, Voi03, YB02b, Yos01, ZHC00, ZY09, ZSSA00, vHLP08, KSC\textsuperscript{+00}].

Lattice-BGK [KSC\textsuperscript{+00}]. lattice-Boltzmann [DPB01, IK00, LNC\textsuperscript{+03}, MC08]. Lattice-gas [Nii00, BC00, LNC\textsuperscript{+03}, YB02b]. LATTICEEASY [FT08]. lattices [CC09, GMAHV\textsuperscript{+09}, RM05b, Wes07, ZZ09].

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\textsuperscript{+01}]. LCG [BDG\textsuperscript{+08}, Shi07]. leading [CC04]. leakage [CJC09]. leaky [Alf05]. Least [KT04, TD03, Dem06, JC07, WVF08]. Least-squared [KT04]. LED [CFJ09]. LEED [BH01]. LEED90 [BRdAHK04a]. Legendre [Del08, SSP08b, Str00]. legs [BGH\textsuperscript{+09a}]. Lekner [TZ006]. Lemaître [Rib02]. length [MSS\textsuperscript{+07}]. Lennard [GAR05, IW01]. Lennard-Jones [GAR05, IW01]. LEP [JWW00a]. LEP/SLC [JWW00a].

LEP2 [BCCM03, JPS\textsuperscript{+01a}]. LEP2/LC [JPS\textsuperscript{+01a}]. lepton [JWW00a]. leptonic [PAT\textsuperscript{+09}]. leptoquark [Bel01]. less [AW04, WA07]. level [ABB\textsuperscript{+09}, CPW09, Cap05, DB08, ES09, GC01, HYY07, ISC01, LIV\textsuperscript{+01}, RLR00, RGD\textsuperscript{+01}, SO01, TY01, Y09, YT01b, ABF\textsuperscript{+01}]. levels [CCB02, CC07, CCL08, CGA\textsuperscript{+07}, CGVA08, CGVA09a, EÅ01, EVL00, GZF04, LVLS01, TYS\textsuperscript{+00}]. LevelScheme [Cap05]. Levin [RB05].

Levin-like [RB05]. LGT [Tri01]. LHC [Shi07, ADE\textsuperscript{+02}, CC05a, CGCS07, GG01, QWZW09]. LHCb [Ano03b]. Li [BNS07]. libraries [vdDM\textsuperscript{+09}]. Library [Ano04-46, BJS00, BB09b, JW00, JW06, MM09, PSW00, Bel05, BEM\textsuperscript{+02}, Boy09, DVL\textsuperscript{+02}, DVL\textsuperscript{+04}, GMB02, Hah05, Hah07, JC08a, KS05, MG09c, PMA\textsuperscript{+04}, Pin01, SG00a, SM04, SM06a, SM09a, SWS\textsuperscript{+12}, VHLP09, BJS00, DVL\textsuperscript{+04}]. libration [She08]. lidar [BN06b, OB09]. Lie [dSB00, BCS03]. life [BM02a, Teh01]. Lifshitz [HP02]. lifting [MA00]. Light [PCC01, BLC05, BDF\textsuperscript{+08}, CLH07, FW01, GDC01, Har00, HTL\textsuperscript{+03}, KS04a, LPRS02, LPR04]. light-cone [Har00]. lightrays [MG09c]. Lightweight [CSZ\textsuperscript{+07}]. like [CGC\textsuperscript{+09}, CWSH08, CGG\textsuperscript{+08}, CCG\textsuperscript{+09}, HD04, KF03, MVS05, OMF02, RB05, SBD\textsuperscript{+06}, SKF05, Wal03]. likelihood [BDY04, Nap09]. LIILX
Limit [DDF09, 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, HHM+09, RLI07, SKNV01, WC00, YG09, Bat03, BMG01, BW01, Bru00a, CN01, CIC+03, CCBL02, Cha00, GFG03, GSGT03, HZGZ09, KA09, Kol03, LRI+06, NP01b, SKNV05, SSP08b, Wan05b, ZA01]. linear-mixing [Bat03]. linear-rigid-rotor [CCBL02]. Linear-scaling [Gao03, HHM+09, SKNV01, WC00, SKNV05]. Linearization [Ram03]. linearizations [BB04a]. Linearized [BC05, ADS06, IH09, IHAR09]. linearly [CMR01, Man02]. linearly-scaling [CMR01]. lines [HD04]. lineshape [BDM09]. link [Diir09, KT04, KSYE00]. link-cell [KSYE00]. linkages [BSB02]. linked [RS09]. linking [BDYK04]. links [HK02]. Linux [BS06a]. Liouville [CGVA09b, LVV04, LVV09]. Liouvillian [ADDdM07]. lipid [SDLV07]. Lipkin [RGD+01]. liquid [All05, BNS07, CAAM08, GLP03, JBA05, LS02, LPRS02, LPR04, MSS+09, MVS05, MSK+05, MDH04, Mor01, MSH01, PGS02, RCG00, RCG05, SSH01, TDY02, Yoko09, Yos03, Yos07]. liquid-liquid [MSS+09, Mor01]. liquids [CAAM08, GGL+02, HL00b, SHZ01]. List [Ano02a, Ano02b, Ano02c, Ano02d, Ano02e, Ano02f, Ano02g, Ano02h, Ano02i, Ano02j, Ano02k, Ano02l, Ano02m, Ano02n, Ano02o, Ano02p, Ano02q, Ano02r, Ano02s, Ano02t, Ano02u, Ano02v, Ano02w, Ano02x, Ano02y, Ano02z, 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, 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, Ano04A, Ano04B, Ano04C, Ano04D, Ano04E, Ano04F, Ano04G, Ano04H, Ano05a, Ano05b, Ano05c, Ano05d, Ano05e, Ano05f, Ano05g, Ano05h, Ano05i, Ano05j, Ano05k, Ano05l, Ano05m, Ano05n, Ano05o, Ano05p, Ano05q, Ano05r, Ano05s, Ano05t, Ano05u, Ano05v, Ano05w, Ano05x, Ano05y, Ano05z, Ano05A, Ano05B, Ano05C, Ano05D, Ano05E, Ano05F, Ano05G, Ano05H, Ano05I, Ano05J, Ano05K, Ano05L, Ano05M, Ano05N, Ano05O, Ano05P, Ano05Q, Ano05R, Ano05S, Ano05T, Ano05U, Ano05V, Ano05W, Ano05X, Ano05Y, Ano05Z, 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, Ano07a, Ano07b, Ano07c, Ano07d, Ano07e, Ano07f, Ano07g, Ano07h, Ano07i, Ano07j, Ano07k, Ano07l, Ano07m, Ano07n, Ano07o, Ano07p, Ano07q, Ano07r, Ano07s, Ano07t, Ano07u, Ano07v, Ano07w, Ano07x, Ano07y, Ano07z, Ano08a, Ano08b, Ano08c, Ano08d, Ano08e, Ano08f, Ano08g, Ano08h, Ano08i, Ano08j, Ano08k, Ano08l, Ano08m, Ano08n, Ano08o, Ano08p, Ano08q, Ano08r, Ano08s, Ano08t, Ano08u, Ano08v, Ano08w, Ano08x, Ano08y, Ano08z, Ano09a, Ano09b, Ano09c, Ano09d, Ano09e, Ano09f, Ano09g, Ano09h, Ano09i, Ano09j, Ano09k, Ano09l, Ano09m, Ano09n, Ano09o, Ano09p, Ano09q, Ano09r, Ano09s, Ano09t, Ano09u, Ano09v, Ano09w, Ano09x, Ano09y, Ano09z, Ano10a, Ano10b, Ano10c, Ano10d, Ano10e, Ano10f, Ano10g, Ano10h, Ano10i, Ano10j, Ano10k, Ano10l, Ano10m, Ano10n, Ano10o, Ano10p, Ano10q, Ano10r, Ano10s, Ano10t, Ano10u, Ano10v, Ano10w, Ano10x, Ano10y, Ano10z]. lists [ABRS12, BM04, SJF07]. little [GLG+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, RB08]. localization [CMRS02, TIM07, TIM08]. Localized [GFS03, MSHP02, SMH+01]. Locating [TL06c, LLY07, YPK+01, WMNS09]. location [HS01b, QTMM07]. log [KS05]. log-derivative [Jan00]. log-sine [KS05]. Logarithmic [Diir09, Zit09]. logging [ZZH09]. logging-while-drilling [ZZH09]. logic [MSS00]. Long [HKL+07a, HKL+07b, PHF+07, WLR+08, AL08a, Cai09, CJ09, HLW05, LOCS05, LOY07, MBG03, MRS04, RD05, SY01, SVA01, Sim08, SS05, Tat07]. long-baseline [HLW05]. Long-range [PHF+07, AL08a, CJ09, LOY07, MBG03, MRS04, RD05, SY01, SS05, Tat07]. long-term [SVA01]. Long-time [WLR+08, Sim08]. long-wave [Cai09]. loop [BD02, BGH+09a, Bli00, BW08, CCGR09, FK00, KKK06, KK06, LOY07,
Markovian [FRdS09, JS06, MVS05]. marks [LVH07]. Mars [PAD+09]. martensitic [KE102]. MAS [BDM09]. masking [UOM01]. mass [BDF+08, ISS+02, Jan05, Ju09, PR06, UJSW06, vHL08]. 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 [CAV00, Tam03]. material [An09a, BD00, BDK+06, Lud02, MSY07, SBM02, dNK07]. Materials [Haf07, MRF+05, CM02a, Den08, Goc04, GMBC08, Gun02, HKK+01, HM00, JG09, KCC+00, MS05b, NY06, OLS+01, Ram12, YGT+02, dSDS08]. Mathematica [BC07, Bre07, Cap05, CKS00, FW01, Fer07a, GKR07, GMBC08, GHA09, Gro01, Hah08, HL08b, HM06b, HHL06, JDBT06, JDBT09, Lor08, Mai06, MM08, PTL04, Tos08, WGDZ04, WW06]. Mathematical [Bru00b, Del03, Koc02, KT03a, MTZ00, RR02, Suz00, GT01, KVR+00, KN07a, Mas00, SZ00, Sev00, Tho01, Yan03c]. MATHSCOUT [BC07]. Matlab [HTNFBS06b, HTNFBS06b, PB07, TNBSF04, Tót08, Sha04]. matrices [BRdAHK04b, BN07, Bun01a, De 02, DC00, Flo01, GRR01, LB04, PFG06a, Pog05, RF08]. Matrix [BR09, Di 01, IH09, Alv09, AC05a, AC05b, BFLW07, BM01, BB+00, CNMC09, Cha00, CGA+07, CGVA08, CGG+08, CGG+09, CGVA09a, CHM00, DEW00, DM07, EFS+08, FM03, FSB09, G01, GF01, GME06, HL08b, KTL05, LS01, LS01, MN01, OS03, PDA06, PAT+09, Ram12, Sar00, Sch08, SM05, SNB02, TYS05, Tou07, UTKF05, WN01, Yak01, You09, Zat06, ZSM05, dAK01, dGGS+05]. matrix-exponential [Ram12]. matrix-vector [EFS+08]. MatrixExp [Pog05]. matter [BBPS07a, BBPS07b, BBPS09, BFT+00, CMR01, LAM06, LCB07, PJSK08, RRCV09]. Maximally [GFS03, MYL+08]. maximally-localised [MYL+08]. maximum [BDY04]. Maxwell [MOS01, CHS09, DKMF03, Den08, HGZ09, LCB07, MOS05, PC06, RV00, ST02, She03]. mazer [BS00a]. mazer1 [DG08]. mazer2 [DG08]. mazer3 [DG08]. mbar [KRTZ02]. MC [FFK02, GPW04, JPS+09]. MC-TESTER [GPW04]. MC3D [Wol03]. MC3D-3D [Wol03]. MCC [LSL07, MIM+07]. MCDB [BDG+08]. MCDJ [UK02b]. MCDHF [AJ08]. MCEF [DTD+02]. McGuire [Koc02]. MCHF [Fis00, FTG07, JG02, ZF09]. MCL [KPD06]. MCNP [KN07a]. MCNP-4B [KN07a]. MD [GSM+03, KPS+01, LL00, PS09, TMN01]. MDGRAPE [SEE+03]. MDGRAPE-2 [SEE+03]. MDVRY [SLBG09]. Mean [Tam03, BKB02a, GSM+03, MSS+09]. means [An01, BKKS09, FH04, KKSR04, Tam03]. measurements [BS0+04, FKB09, PB07, iSAK+08]. Measuring [Yur02]. Mechanical [PMH08, CN01, Duna05, HSGBK08, LLT+02, OSK+02, VT00b, VT00c]. mechanical/molecular [OSK+02]. mechanically [RJFB08]. mechanics [HF00, JC08b, KM01d, KM03, LC00, MGG05, OM03, Ram03, Sta00, VCCS05, WDHE04]. mechanism [Ger07, KLE7a]. mechanisms
[HOT07, Ste05, iTKST01]. media
[Bar00, BBD00, BB04b, CGK+00, JOS07, Mel01, PPM04, RK05]. medical
[FFS01]. medium [CL03, NN06]. meets [MS05b, OLX07]. Mellin
[Blii00, BKKS09, Blii09, 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, CSEK08, 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, BFO05, DMRO2, FMD07, FS08, HCH+06,
KKF+04, LHS+06, MOM+00, OD07, Ros04, SJCM04, VAH04, VCF+04,
WT04, Zie04, Zie08]. mesh-refining [LHS+06]. meshes
[MCLDP01, MOS00, MOS01]. Meshless [DM09, YNS+09]. mesogenic
[HSS+08]. meson [CDEW04, CWW06b, DS04]. mesophase [HHCC05].
Mesoscale [JOS07, LNC+03]. Mesoscopic
[PCF05, YGT+02, HIK+01, ISSB01, IIOY01, Yos00]. mesospheric [BCP04].
Metacomputing [Lit01]. Metadata [dSdSW08]. Metal
[KGM00, LY05, NP01a, TBOG01, YH02]. Metal-insulator [KGM00, YH02].
metal-oxide-semiconductor [LY05]. metallic
[CIC+03, KPS+01, PDM+08, SGO5]. metals [Cle05, WC00]. metamodelling
[RPY07]. metastable [CRS05, vdB08]. Method [IH01, SLL01, VPK+01,
AP04, AA01a, ABOSPG09, AI09, AMRP04, ASF+05, ADS06, AKZ00,
ARV02, AH02, ASVA00, Ba03, BDK+06, BDW06, BLS09b, BFLW07,
BK06b, BKM05, BYDK04, BTS06, BVK02, Cai09, CMF00, CZC00, CCL08,
CSZH08, CAW00, CA09, CRS09, CCRA05, DWZ05, DS01, DM09, Den08,
DW01, DSH02, DSH03, DSHH05, Don02, DTHL09, DDMS02, Dys02, DM07,
EL06, EFS+08, FS08, FNR+06, FNR+07, FZ09, FER+07b, FS09,
GVMW04, GHP01, GT01, GMAHAV+09, GMAN+07, GLP03, GLMAIR+02,
GSC07, Gre07, hBlL07, Hua00, HJJZ09, Hua09, IH09, Ida02, IK00, IK000,
Ixa07b, JH09a, Jam00, JC08b, KV08, KA09, KN05, KD09, KM01d, KM06,
KN07b, KTT02, LRI+06, LLY07, LISC01, Li03, LY05, LFT01, LFT03,
LKC06, LZ04, LS05, Li04, Maa06, Man04, MD03, MHT+07]. method
[MLF07, MS05a, Mel05, Mn01, MYJY01, MI05, MA06, MP01b, MABK02,
NT04, NM01a, NJ01, CK03, NPS01b, OCK+03, OD07, OS04, OPO+08,
OGW03, PAS09, PKJ00, PMG07, PAD07, PKST03, Piss00, Pit05, PS000,
RLR06, Ram10, R09, RE09, Ras17, RB08, RDFS02, RMLB01, Ros04,
RMWH01, RB00, SSSP05, San00, SNS01, Sch05, SONY01, S01, SZ01,
Sho04, Sho07, Sim00, SW01a, SVA01, SVA03, SPS09, SJ02, SZ00c, SR01b,
SM02, SRR+00, SFS09, SHH+04, SS05, SFR05, TMTF00, TCF00, TQZM08,
TL06b, TdFK00, UOM01, UOTM03, UK02a, UK02b, UYK+04, VPC04,
Var08, WN01, WKP+01, WGS00, Wal03, WGDZ04, WW05, WC05, Wan06a,
Wan06c, Wan06b, Wan09b, Wan09a, WP00, WMNS09, WH00, kWPLW01,
WLW04, WTW04, Xia01, XC03, XSC09, XZ12, YNK05, YZW02, YWLC04, YD06. method [Yok09, ZWD05, dNKM07, dO02, dHV08]. methodologies [Bae03]. Methods [Hoo04, KNU00, AA07, AKS01, AFS02, AK07, BK01, BD00, BT01, CFMR08, CTG01, CvdEF+05, CKA+09. DKMF03, DEW00, Fro02, FS01a, GSM+03, GF02c. HDGM07, HGVC+02, IHAR09, KMS09, KSC+00, KALC08, LV04, LV06, LIR+06, LJV07. LZ00, LNC+03, MVJ09, MPR05, MDC09, MKNK05, MSA00, MKS07, MM00, MM02, MM09, MM10, MM11, MM12, MM13, MM14, MM15, MM16, MM17, MM18, MM19. 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, GME02, GZ07, Huj05, KMS09, KSPT04, KFF+04, MMTH04, Ras09, RJFB08, Ros04, SIH+01, SGK09, SPP+04, Zie04, Zie08]. MHD-code [GZ07]. micro [ADD+03, AAA+00, KHIL07, LTG09, OML09, PRSB08]. micro-canonical [PRSB08]. micro-DST [ADD+03]. micro-macro [OML09]. micro-structure [AAA+00, LTG09]. microcanonical [FdO09, RLU00]. microhollow [HKLY07]. micrOMEGAs [BBPS02, BBPS06, BBPS07a, BBPS07b]. micrOMEGAs_2.2 [BBPS09]. microscopic [Lud02, PY08, Rap08, VS01]. Microscopy [RdAGV+00]. microstructure [CFJ09]. microstructures [Nii00]. microturbulence [Lew04]. microwave [CH09, HJZL07, NV09]. middleware [CSZ+07, HKM+07]. Mie [WV04]. Mika [Vio04]. MILS [MG09b]. MIMD [VT00b]. Mimetic [KT05]. MINERVA [ATF+09]. MinFinder [TL08b, TL06c]. mini [HFN03]. mini-jet [HFN03]. minima [CCRA05, TL06c]. minimal [LPC+04, DGS08, FIJ+03, HS02]. minimisation [HP06]. minimizing [Lor08]. minimum [JPS+09]. Mining [HCK01, PB09b]. miscibility [Mii02]. Mix [LL00, WSCW09]. mixed [BBB+09, CHS09, Kin07, LCM00, Nap09, VKM+05]. mixing [Bat03, Cun09]. Mixture [FL01, CTI07, Fri03, GAR05, TE05, WS02]. mixtures [JBS08, LL00, MY00a, MY00b, Pur02, itVP08, VMMB02]. MJK [GG03]. mK [Yan03b]. MM [GSM+03]. MMM2D [AH02]. Mn [KMD+02]. MO [iTKST01, YKK07]. mobility [Mam08]. mode [AK03, CDFQ07, CAW00, WBB04]. mode-matching [CAW00]. Model [CGIA07, FK00, KOS+09, RCGC00, AGJJ07, AGV00, AI0ST03, AC07, AAG+04, ASF+05, BLS09a, BBOY08, Bat03, BBB+04, BBPS07a, BBPS07b, BBPS09, BBJS09, Bes03b, BG06, BCD+07, BFL04, BC00, BFB+08, CMRS02, CM06, CSW02, CFJ09, CBBJ02, CL02, CMD00, CS07, CHP04, DKK08, Eih09, EM08, FFK02, FGA04, FM00, FHR+05, FV02, Fri03, FMM01, GGO01, GIME02, GFP00, GLP03, GBC+04, GOG00, HD04, HBJM05, ISS+02, IK00, ICO01, ISH01, JS08, KV08, KSS02, KM01c, KITK00, KB04,
KTG04a, LPC+04, LR07, LBM05, LCV06, LDZ+08, LMS+02, LCB07, LA09, LS05, LS09, Mas00, Mck07, MLF07, MK02, NHS07, NV09, NSYZ02, Ni00, Oli01, Ots01, PPM04, QTL06, QCML03, RT501, RMK05, RDS01a, RDS02b, RR02, RLU00, Sal02, Sch08, SLI07, SG04a, SZ00b, Sr00, model [SR01a, Sta02, SKF05, TRG08, TSI02, TFM09, TWY09, TL09, VK09a, Wal03, WCH09, WG01, WL05, YH02, YD07, YB02b, ZSdD+08, ZHC00, ZY09, dO09, vdSvdG08, Dan09a, FIJ+03, GMAN07, HS02].

Model-Driven [Dan09a]. model-independent [KV08].

Modeling [ABV02, CHL+07, GVMW04, MY00a, MCH02, PB09a, SZ04, TDI02, AFR+07, AOT01, AP05, BLS09b, BS00b, CMT00, CMT01, DVG05, Del03, GT04, HvDjvdM01, HMY+02, Hu05, HHWH07, JOS07, LPRS02, LPR04, LDG+07, Mar08, MTZ00, NW02b, NP01b, OCS+08, PCF05, PHKL02, Pin01, Pop03, Ram10, Ram12, RDS02a, RG04, RVQ07, SG01, Str01a, SKRK04, SBCZ08, The05, itVPG08, VSBD00, Whi00, Yep02, ZS07].

Modelling [GCP+02].

Models [ACJ+07, Bru00b, NK07, NRDHB01, PFPB+09, SBM+04].

Modern [EHH01, TYS+00]. modes [AGJJ07, BS00a, BGS+04].

Modernizations [NP01b].

Module [Ano04-46, Fri09, MMR04, PMA+04]. modules [PBB+04, WGL00].

Molecular [AP05, BBB+04, BDH08, BRdAHK04b, CDF05, DELG05, FS01b, FS02, HOT07, KEL02, KRTZ02, OO05, PRRK07, Rap08, TNI+07, TYS+00, AS06, ASS+02, BSB02, BGG+09b, BTS05, BBB+09b, BMvG00, BK05c, CW02, CCFG05, CLF07, CFJ09, CCD07, CTI07, CR00, CW00, CC00, DC05a, Dun05, Dup01, EVL00, FG04, FBL00, FPB08, HDGM07, HL00b, HM06a, HHH02a, IW01, IW02, IN09, IS01, JAT03, KRT00, KCC+00, KMD+02, Kar02, KFJ+09, KSYE00, KA05, KBC+09, KB00, KS04a, KM05, LM02a, L050, L050, LS05, LSVMW08, LL00, MBR01, MPR05, MMR04, MK02, Mor01, MS01, Na08, INKN08, OSK+02, OK06a, OK06b, OD07, OCK+00, OM03, OD02, PLPS08, PK00, PHF+07, PL08, PKP02, PP02, PS09, Rap02a, Rap06, Re00, RJS00, RF05b, SG00a, SM04, SM06a, SBM09a, SBM09b].

molecular [SN01, SH201, SKV05, SWC+03, SLB09, SPM00, SFS09, SEE+03, SS02b, SS05, TAK02, Tod01, TGB01, Tsa02, VCC05, Val05, itVPG08, VPK+01, WHC07, WHL05, YWLC04, YvG05, ZE00].

Molecular-dynamics [KEL02, MSH01, OLS+01, SHZ01, Tsa02].

molecule [Hin00, LCV06, LDBG08, NFS01a, NFS02, NT05, NW02a, Ton07, WM00].

molecule-doped [NW02a].
[ARV02, Bac00, BBOY08, BTK+02, BSS09, DN05, GLL+02, HC08, HSS+08, IW01, IW02, JAT03, KJ07, KLTH04, LVLS02, LRR+09, MVSO5, NW02a, NY07, RMLB01, ST02, SJP05, TKB+04, TNGC00]. MOLED [HTL+03]. Møller [ACIZ07]. MOMDIS [BG06]. Moment [BBOY08, DN05, Goc04].
momenta [FBT01, FIT03, Fri09, GF01, GF02a, GSF05, IFF01, PFG06a].
moments [BKKS09, ISX05, ST02]. momentum [DK05, Dun05, GF01, GF02b, HC001, ID09, IM01, Jia08, KM00a, KM01b, Ste02, SFS09].
MonALISA [LNV+09]. MONARC [MC01]. monitor [LNV+09].
monitoring [GC01]. monolayers [SDLW07]. Monotone [CL02, Li03].
monotonic [Dem03, DB08]. Monte [FNR+07, GPW+09, JKWO6, SVMT00, TA00a, WA07, AW04, ABM03, ACIZ07, ASF+05, AGS07, Auc03h, ABB+09, Asc08, BS06a, Bae03, Bae04, BBB+09a, BJ02, Bar00, BDG+08, BvG02, BR09, BLO00, BMML05, BHM+07, BM01, BHL02, BK05b, BDK04, BKB02a, BKB02b, Brr02, BB03, CC07, Che05, CGK+00, Cun09, CKA+09, DS01, DDD+01, DGLB08, DRRW03, DH01, FNR+06, FdO09, FMNO1, GS01a, GPW04, GW01a, Gra02, GOG00, GRSO5, HKLY07, HCKM00, Huk02, JKWO6, JNO01, JW00a, JWV00b, JPS+01a, JPS+01b, Jadd03, JS06, Jnn02, JBS08, KH01, KPL07, Kt02, KRW03, KL06, LT05, LF02b, MK09, MRS04, MHS05, MSW+09, Maz00, MSL+05, MP03, MMB02, MB05a, MP06, MG09a, MABKO2, MER+00, MKM02, Nat08, Ni07b, OTOY2, OPO+08, PMA+04, PWS00, Pop03, RP02, RIB01]. Monte
[RPO+05, RS00, RK05, Sch04, SVPO9, SLWH02, SSLN02, Sul05, TA00b, Tak00, Tom09, TNGC00, TR00, UL+02, Uhl03, VYK02, VPNW02, VMMB02, Wal03, WL00, WK02, WH00, WLXG09, YCO7, dS03].
Monte-Carlo [WJW09]. MontePython [Nicol07]. morphogenesis [CGIA07]. Morphological [MD00, GBA01]. morphology
[BM02b, CGC+09]. MOS [LLT+02]. Moshinsky [UTKF05]. Mossotti
[LWW01]. motility [WG01]. motion [DMRO2, FRs09, KKS04, KLTH04, NKV03, OM02, RLU01, Sta00, TMTF00, TGB01, Yok09]. Motion4D
[MG09c]. motions [LV08]. motivated [Pee07]. moves [WL00]. moving
[GS0703, PPC07, SFF+04]. MPI [BCAD06, BADC07, Gao03, MGG05].
MPI-2 [BCAD06, BADC07]. MSPHD [GSS00]. MSSM
[BDWO6, BBPS02, DGSO8, DKKM07, HHH+09, HH00, LCE+09, Mah08b, MD05, Qw07]. much [Ort00]. MULTEM [SYMO0]. Multi
[DSSH05, FLO06, GIME02, Ida03a, Jad00, LbotMC01, NJ00, SQ03, TYN02, TCF00, AK07, BAD01, BBBD06, BW08, Bre05, CD01b, CR00, FH04, GFP00, Huj05, KNTG03, Li03, LLLZ01, NW02b, OSK04, ISX05, SSP08b, SIE04, THC+07, Val05, WGDZ04, WC05, WMNS09, WRMG05, Xia01, Yam00, Yok09, dNKM07, BMS+09, Ida03b]. multi-beam [OSK04].
multi-derivative [WGDZ04, WC05]. Multi-dimensional
[Jad00, TYN02, Bre05, CD01b, Huj05, KNTG03, Li03, Yam00]. Multi-fluid
[GIME02, GFP00, Xia01]. multi-loop [BW08, WMNS09]. multi-material
[dNKM07]. multi-moments [ISX05]. Multi-parameter [DSH05].
multi-particle-collision [WRMG05]. multi-phase [NW02b, Yok09].
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 [BCH+07, KV08, KH06, NJ01]. non-zero [CSW02].

Nonadiabatic [SK05]. nonautonomous [HL00c]. nonequilibrium [MCH02, iOY01, RMK05, Tod01]. Nonlinear [KDSB04, NYH04, WGY01, AP04, AA08, ASJ+03, AH03, AOT01, AK07, BGH04, BB04b, BGS+04, DWZS05, DDFI09, DKV00, EST00, FD03, FGA04, GT01, GKI02, GH01, GCD06, Hon04, KA09, LPP02, LL00, Lj08, pLbL03, Liu07a, LT+04, MT01, PCC+09, RE09, RMWH01, S02c, SQ03, Wan09b, WW06, qxLb04, qx08, qX09, XZ12, Yan03, Yan03c, YR+07, ZLL09, dHV08, Par04].

nonlinear-condensation [ASJ+03]. nonlinear-condensation [ASJ+03]. nonlinear-condensation [ASJ+03]. nonlinear-condensation [ASJ+03].

nonlinearity [KLD04]. nonlinearly [YB02a, Yan03a, Yan03b].

Nonlocal [BBBR04]. Nonperturbative [Sav01].

nonrelativistic [MMR04].

Normal [BB07, CRUV00, She08, Var02]. normalization [UCG+05]. Nosé [Lei02]. notation [GZF04]. Note [Ano06-29, Ano07-30, Pub07, WYL09, Ano03-43, Ano03-44, Kar01, Koz02, qX09]. notes [BCKT09]. Novel [ZZH09, BMML05, FGF03, FH00, GBA01, HKK+01, LH03, Mas05, MV05, NJ01, PL05].

Novosibirsk [BEM+02]. nozzle [CTG01]. NP [Zim02]. NP-complete [Zim02]. NPT [IW02, OK06b]. NUBEAM [PMA+04].

Nuclear [MC03, New07, Bar00, BDLT02, BCG03, BBF+08, DTD+02, Di02, Elm09, GFG+06, HL08b, MM05, MM09, NY06, NY08, QCML03, Tom09, UTK05].

Nucleation [SF05]. nucleon [BAB04, DSS01, RGD+01]. nucleon [AI0ST03, MNYY00a]. nucleon-nucleon [MNYY00a]. nucleons [Wro08].

nucleosynthesis [PCE+08]. nucleus [VEG08]. nudged [Nak08]. Null [DW01, Rib02]. Null-field [DW01].

Number [DGLB08, LBP+09, ATB+01, DH00, FPB08, KKK06, Lad09, LCP04, MI05, OGW03, P+00, Sch06a, TYSH05, WL00, WHO02, WH06]. numbers [FH00, HB05, Str05].

Numerical [Bre01, Ada04, BGH+09b, KS05, PC08].

AA07, AMP+00, AT09, BF04, BS00a, BB00, BCD+07, BK01, BV00, BFT+00, BDP00, CMS04, CSDK08, CGM01, CTG01, CvedEF+05, CKA+09, FRdS09, Fat02, Gal00, GR01, GR02, GHLH03, GBC+04, HL00c, Hoo04, Imu07, IN09, JW02, KKS04, KSSH02, Kon01, KM01d, KK06, LDV06, LdG+07, LTL+02, LWL07, LCB08, LCM00, LC00, LEG02, Liu07a, MDC09, MYJY01, NRDHB01, PBB+04, PHKL02, RMV07, SLC09, SNS01, SJDC07, Sh07, SSP08b, So01, SM02, SK04, Sng01, TMFT00, TAKN02, TKP06, TY01, VW05, Vos06, VW05, Wi09, vdEFL+02, AP04, AG05, ASC08, ASVA00, AKS01, AKS02, BDK+06, BZ00, BH05, BGH+09a, CCG09, CAI09, CL08b, CR09, DGV08, DMKF03, DGS09, Don02, Dys02, EST00, FLO06, Fij99, Fij00, FH00, Fra02, GME06, HAL05]. numerical [HAL07, HJJ07, Huj05, HHL06, KKK06, Kau03, KL01, KCH00, KNU00].
KA05, KN07b, LVV07, Lee04, LR07, LLCS01, LH03, Li03, LY05, LCB07, yMS01, MSS+09, MLF07, Mil06, Mil07, Min01, MA04, MA08, MP01b, MKS07, MP05, Nur04, OCS+08, PAS09, Pis00, PSK01a, PR06, PSV00, Ram05, RM05b, RS09, SMSE03, SW09, Sho04, SW00a, SVA03, Sim09, Sla05, Sus01, TKS+01, TQZM08, UK02a, UK02b, Van05a, Van05b, VHLP09, WGS00, WGDZ04, WC05, Wan09a, WDB04, Wu10, YWYF09, You05, ZSK+04, Zit09, vDGM09.

numerically [Tal09]. Numerov [FSW08, Sea02c]. Numerov-type [FSW08]. NumSBT [Tal09]. NVIDIA [MBKJ09]. NVT [IW02]. NWChem [KAB+00, SPM00]. Nyström [Fra02, KMS09, PAS09, Van05b]. O [EVL00, Hah09, OCK+00]. Object [Bre01, BHNW01, DG08, KLM00, AGV00, Che05, DM07, GGQ01, QRH00, Wil09]. Object-Oriented [Bre01, DG08, KLM00, AGV00, Che05, DM07, QRH00]. objective [KV08]. Objectivity [SM01]. Objectivity/AMS [SM01]. objects [HS01b, ICO01]. oblate [KJ07]. Obrechkoff [CWSH08, DWZS05, WW05, Wan06a, ZWD05]. observable [GG03]. observables [BDW06, HHH+09, Mah09b, Mah09a]. obstacles [DEW00]. obtaining [KKK06, MYL+08]. occurring [FK00]. ocean [NN06]. octopus [MCBR03]. ODE [WDHE04]. ODEs [CTR00, IVD03, MT01]. ODPEVP [CGVA09b]. Oedometric [OML09]. Off [KK05, ÇHM00, KY07, Mar01, MP05, SBCZ08]. off-centered [MP05]. Off-lattice [KK05]. off-line [Mar01]. off-shell [CHM00]. offline [FPW01]. offs [Oli01]. OK1 [OSK04]. OK2 [OKS04]. oligonucleotides [BSB02]. OMEGA [LANM+01]. on-shell [KM00a, KM01b]. ON-SHELL2 [FK00]. One [BD02, Ker02, LKPH08, AIOST03, BS00a, BGH+09a, CTG01, De 02, Dev05, Eli05, GF02b, Har02, HJZL07, Imu07, KKK06, LHC01, LHC02, LSD07, MSD08, NN09, Nik03, Ots01, Ram05, RM05b, SW09, SF03, SBD+06, SM02, TNI+07, WGDZ04, WC05, Wan06a, Yos03, Yos07, Zak06]. one- [HJZL07, Nik03]. One-Dimensional [Ker02, LKPH08, CTG01, Eli05, Har02, Imu07, LHC01, LHC02, LSD07, MSD08, Ots01, Ram05, RM05b, SW09, TNI+07, WGDZ04, WC05, Zak06]. one-gluon [KKK06]. One-loop [BD02, BGH+09a, NN09]. one-nucleon [AIOST03]. one-parameter [De 02]. one-particle [Dev05, GF02b]. one-photon [BS00a]. one-step [WC05, Wan06a]. ONETEP [HHM+09]. onia [DGSL09]. Onion [ML03]. Onion-Peeling [ML03]. online [EFG+00, Gre07]. onto [Rob01]. open [AdlT03, ABNÁ05, Bae04, EHHH06, ISSB01, JP09, MSB09]. OpenDX [SC04]. opening [BJ02, Del03]. OpenMP [CC00, Goe02, MGG05]. OpenMP/MPI [MGG05]. operations [AA00, AA01b, Ixa01, RF07]. Operator [Fl01, BFLW07, CvdEF+05, Cun09, CKA+09, CA07, EG09, GL02, GLP03, MK08, MM01, Ram10, vdEFL+02]. operator-splitting [GLP03]. operator-variational [MM01]. operators [GF02b, SFSL09]. Opportunities [Gun02]. OPT [RMMP02]. optical [ADS06, BB04b, CIC+03, CC09, CFJ09, GCD06, HTNFBS06a, HTNFBS06b,
MSB09, MTZ00, MBC+09, NKSL05, NRDHB01, NY08, PCA+07, QCML03, RG05, TNBSF04, Wes07, Whi00, YC07]. **optical-properties** [MSB09].
optics [SW5+12, Tö08, FW5P01]. **Optimal**
[CJ706, GJT03, LFT03, SA09, VIV01, ZA01, NHS07, ZSD+08].

**optimisation** [BBBD06]. **optimised** [ASH06]. **Optimization**
[BJ05b, Goe02, SWC+12, T´ot08, FWP01]. **Optimal**
[CJT06, GJT03, LFT03, SA09, VIV01, ZA09, PAT+09, TL04, TL06b, TL08a, VPP+12, WHCL07, WJW09, ZS03, ZS07, ZSD+08, ZS08, Zim05].

**optimize** [LNV09]. **Optimized** [BDM09, OMF02, Sch06b, SK08, FMN01, KT04, Van05a, WK02].

**Optimizing** [BH03, CW01, dS03]. **Optimum** [OD08, WMNS09]. **options**
[BJ104, optoelectronic [GCD06]. **Orbit** [BDBV12, Dev05, TEP00].
**Orbit-based** [BDBV12]. **orbital** [HLC08, KH09, Sim08, TKN+08].
**orbital-dependent** [TKN+08]. **orbital-free** [HL08]. **orbitals**
[BGH+09b, FGMT02, RF05b, ZF00]. **orbits** [PKPV02, VP0+1]. **ORCO**
[SMS03]. **Order**
[GBTM07, SR09, WXY09, ACK05, AKZ00, BB04a, Bli00, CFMR08, CM02a, CBBJ02, CJK09, DR09, FMG00, HBMJ05, IVD03, JH09a, JPS+01b, Kol09, LV04, LRI+06, LJ09a, LA09, MVJ09, MA04, MA08, MKS07, Poi08, Poi09, ISX05, SS00, SLMS06, Sim00, SVA01, Sim08, TB55, TB87, Tho04a, Tho04b, TK08, Van05a, Van06, WGDZ04, WHJ06, WYL09, ZWD05, vH06, vH07].

**Order-** [GBTM07]. **order-parameter** [HBMJ05]. **ordered** [NFS02].
**ordering** [JPS+09, NG02]. **Ordinary** [HAR09, Ram05]. **organic**
[HTL+03, MSY07]. **organisation** [SAU+04]. **organization**
[NYH04, Or00, RDS02b]. **organize** [Or00]. **organized** [SOS01]. **orientable**
[Huj05]. **orientation** [CGC+09, CFJ09, WMNS09]. **orientation-specific**
[CGC+09]. **orientationally** [NFS02]. **Oriented**
[Br01, AGV00, Che05, DG08, DM07, FFS01, GGG01, KLM00, QRH00, WIL09].

**origin** [Riz02]. **origins** [CT00]. **ORN** [KNS07]. **ORN-mathematical**
[KN07a]. **orthogonal** [KK01, KTT02, WP00, ZF00]. **orthogonal-dimer**
[KK01]. **Orthogonalising** [IBM03]. **Oscar** [Ano04c]. **oscillating**
[CM02b, DKC08, PAS09]. **oscillation**
[HL05, HKL+07b, Ida02, NFS02, Wei02a]. **oscillation-free** [Ida02].

**oscillations** [BD06, Dan05a, Dan05b, DS06, Dan07]. **oscillator**
[DD00, DO04, DO05, DSC+09, EKW09, GME06, HL08b, HB05, MAM04, MAM07, SOY01, SDNR05, You09]. **oscillators**
[DDF09, Fra02, TY01, Van05b, WYL09, Wu10, YWWF09, YT01b].

**Oscillatory** [BZ00, AA00, AA01b, FBB01, Fra07b, HSSA01, Ixa01, IP01, Kim03, KSH02, KCH00, KG07, San00, UNK12, Van05c, WXY09]. **Other**
[BOPC05, BC07]. **OTI** [EVM09]. **out-of-core** [BVY05]. **output**
[BC07, Gda05]. **overdamped** [Gen01]. **overlap** [BFLW07, CVD0+05, Cun09, CKA+09, CKL09, GL03, Jan05, KAC08, vEFL+02].
**overlapping** [BM02b, BD+05, CLFH07]. **overload** [ACC09]. **Overview**
[BGLLW01, Oli01, KAB+00]. **oxidation** [LAF01]. **oxide**
oxides [KKKC07]. oxygen [LN01].

P [Kar01, Eas08, SW00a, WW05, Wan05b]. P-stable [SW00a, WW05, Wan05b]. Package [KS04b, Pog05, AF05, AAG04, AGM00, BS06a, BC07, BB09a, BS06b, dSB00, BJB+08, BFB+09, BDH+05, CGC+09, CKS00, CHe07, Dem03, Dem06, DGS09, EHHH01, EHHH06, Fer07a, Fis00, FTGG07, FK00, Fri01, GKI02, GKI04, G09, GDC01, GKR07, GIL09, HTNFBS06a, HTNFBS06b, HM06b, HHL06, Ixa02, JHFG07, KP00, KSY00, KS84, KS08, KS09, MP03, MS09, MSB09, MP03, Mil06, Mil07, NFH06, Nik03, PFG06b, PZW+00, PTL04, Por00, Pue06, QxW07, RMMP02, SBM09b, SBM02, Sem09, SLBG09, Ste01, SC04, Tót08, Wan01, WCH09, dRL09, vH06, vH07]. packages [BCV03, GKP+06, KPD06]. Packet [KRTZ02, BS04b, LJ01, Mei01, Sal03, ZWY04]. packets [Bow02]. packing [HSJ02, YZD07]. Padé [FH04]. Padé-approximants [FH04]. pages [Hoo04]. Painlevé [XCD03, qxBl04, qx08, qx09, ZLL09]. pair [AAC+06, BBC+01b, JWV00a, JPS+01a, JPS+01b, Kol03, KFI+01, Van05b]. pair-production [KFI+01]. PALP [KS04b]. PANMIN [TLP04]. PANN [MNYY00]. Papers [BDL00, Aok01]. PAPH [MNYY00b]. parabolic [BV00, Fat02]. paradigm [HHWH07]. paradigms [TYS+00]. ParaGauss [MMR04]. Parallel [ATB+01, BSDMH05, BMG01, BSK+03, BVW02, CR00, CW00, CC00, DN04, ELO00, Go00, HC00, HL00b, He00, JKCGJ08, JRT00, LBP+09, LZS08, LHS+06, MP03, OPB+09, QR01, RP02, RJCH00, TF04, TEP00, Uhl03, WMK09, WM00, WTW04, WHL05, WH06, ZEO0, Zie08, ABC+03, ABER00, ADBF03, AEB02, BAD01, BLCR05, BCAD06, BOC+07, BMS+09, BB00, BTK+02, BJ03, CSS+03, Cha00, CGIA07, CLL+07, CMT00, CMT01, DMD+07, Dec07, DPH01, D+01, DUX+09, Dup01, Ero05, EWO9, FMD07, FMO07, Fel08, FKP03, FEHC01, FMN01, GBFS07, GBD03, HSG08, HCH+06, ICT01, JAT03, Jen00, JG00, KCC+00, KAB+00, KL00, KM01c, KGB00, LCB+00, LPC+00, LCS07, LTB09, LR07, LLCS01, Li03, LC01a, LL00, MOM+00, MC00, Mei01, MB04, MT00, Nak07, Nak08, NJ00, iNKNV08, OLS+01, OSK+02, OCK+03]. parallel [OK06a, OK06b, OD07, ODC02, PHF+07, PSP+03, QRH00, Rap06, Ref00, RJF08, SG08, SM04, SM06a, SM06b, SM09a, iSAK+08, SKV01, SKV05, SWC+03, SBB03, SNB02, TJD09, TRGR08, Tak03, TCY+08, TG00, TC06, TLP04, Tót06, ULA+02, VKB09, VHL09, WCO00, WHO02, XON08, Yos01, Zha08, SVM00]. parallelism [SPM00, TYS+00]. Parallelizable [CA07, Xia01]. Parallelization [CMF00, FKG00, RGR+04, SLW02, WJW09, BS06a, Gao03, Goe02, MGG05]. parallelized [WHL+07]. PARAMESH [MOM+00]. Parameter [RP07, AS03, Bres05, CNFR01, CGVA09b, De02, DSHH05, HBMJ05, KKK06, KMH02, PS09, SZ00c, YM03]. Parameterization [AGM+00]. parameters [Bar03, BDW06, FGA04, GMAN+07, GKM+00, HG02b,
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]. perturbation [Dzu09, LRI09, LIR09, ZSdD08]. Perturbative [SR09, CS02, HS03, NFS01b]. perturbed [Fra02, Van05b, WYL09, Wu10, WYF09]. 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, Ot01, PRSB08, Ple02, SSLN02, Tat07, TL09, VMMB02, AGJJ07, Bae03, Bar03, Bin02, BHM07, BHP08, CBBJ02, DKC08, DC05b, FHR05, GHPS04, HK02, JS05, JBS08, KM00a, KM01b, Kin07, KK01, KITK00, KK05, LJ01, Liu07a, LDZ08, LA09, MCH02, MBG03, MSS09, MSK02, Mor01, Pap01, PAS09, PP02, Pur02, RP02, RLH09, SLW09, SIO1, SW00b, TM06, Tsoa02, Van05c, YGT02, Yok09, Elm09]. Phase-field [NW02b]. phase-fitted [PAS09]. phase-lag [Van05c]. PHASE-OTI [Elm09]. phase-separating [PAS09]. PHASECALC [Bar03]. phases [KPS01, MVS05, RCG05]. PHEGAS [Pap01, CPW09]. phenomenology [GHIL09, LPC04, LCE09]. PHON [All09]. Phonon [HKK01, Yos03, Yos07]. Phonon-band [HKK01]. phononic [SSP05]. phonons [All09, Sri01]. phoretic [HK06]. phosphodiesteric [BSB02]. phospholipids [EL06]. phosphonate [BSB02]. phosphorus [Mor01]. Photo [MSh01, Ano07f, Ano08d]. Photo-induced [MSh01]. photoabsorption [GCP02]. Photoelectron [Veg04, GSSN00, Jia08]. Photofragment [ML03]. photohadronic [MER00]. photoinduced [IN09]. photon [BS00a, BvG02, CGK00, EST00, HGH05, KFI01, Nik03, VS06]. photonic [SHX02, SYM00, WP00]. photons [DDM07, LYL07]. photos [GKP06, GKP06]. Phys [AA01b, AAB07, CSC08, CGG09, CGV09a, DVL04, Hon04, Ida03a, Iza01, JK06, KS08, LPR04, Nat10, Poi09, Ras17, Th04a, Th04b, TN05, TIM08, Voi03, WA07, Yos07]. Physical [Mey02, Mel01, WS04, Yep02]. physically [RGR04]. physically-based [RGR04]. Physics [Ano02, Ano02k, Ano02l, Ano02n, Ano02o, Ano03i, Ano03j, Ano03k, 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, BBC +01a, BDL00, DH01, FNR +07, FGV01.

Physics [Fij00, GDAG05a, KM01b, Lan07, MOS01, New07, Ram10, SM06a, TS08, Wn10, ABM03, ASJ +03, Ano04b, Att09, BvG02, Bor07, Bra05, CRS01, CMR01, Cra01, Esq02, FS00, Fod05, GT01, GGL +02, Gou00, Gre04, GMO03, HS00, HS01b, JS08, KB02, Kud09, LV09, LL07, Mah09b, Mah09a, MT01, MSK +02, Nov02, OLX07, Pin01, RM05a, Rin02, Sak07, SEF +01, LKPH08, MIM +07, SAG +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, SLL04b, WCG04, WHL +07, YRR07].

PIC-DSMC [CSC +04].

PIC-FEM [WHL +07].

PIC-hydrodynamic [LKPH08].

PICT [CSC +04].

picket [LC08a].

picture [KS04a].

Piecewise [Ram04, Dem03, IH09, IHAR09, ZA01].

piecewise-linearized [IH09, IHAR09].

Piezoelectric [HM06a].

piezothermoelastic [Mel01].

pilot [AAKL07].

PIMC [Müs02a].

PIMD [Müs02a].

pinch [Pet04, RG04].

pinches [SBL +04].

pioneering [Ano04b].

pipe [QRP01, QG04].

pipeline [SIE04].

Pitaevskii [DC07, MA09, TQZM08, TS06].

pitchfork [Bal01].

pitfall [Nap09].

pits [NY06].

pixel [QTMH07].

planar [MDT03, Var02, YKK07].

Planck [ABS04, CBK04, KA04, yMS01].

plane [ADDdM07, BK05a, BVKW02, CR05, DEW01, GSS06, GBDO3, HAT08, MMB02, MSHP02, TM01, VKM +05].

plane-wave [CR05, MSHP02].

planes [MS05b].

planewave [ADS06].

plans [McK07].

Plaquette [Voi02, Voi03].

Plasma [MS07, MIM +07, Ano04b, BBR04, Bre07, CHL +07, CLL +07, CH09, Del03, DBE +04, DUX +09, Gre04, HY07, HPK07, HJZL07, HL05, HWWH07, ISS +02, IDS +04, IL07, JKCGJ08, JTS +06, KPL07, KKS04, KCR07, KV07, Kon01, KTG04a, KTG04b, KZS +00, KDS04, KTG07, Lee04, LKPH08, Lin07b, LS05, LCO1a, MV04, MCL05, OLX07, PHK02, Pin01, PSK01a, PSK01b, RLR06, Ram10, SAM +04, SGF04, SOAW08, SHJ07, SSB04, SZ04, SBBM04, STK +00, TLC04, TAM04, UXD +09, VAH04, VCF +04, VBF01, VSB00, WSB04, WML +05, WRC +04, Yon09, YRR07, ZSK +04].

plasma-edge [SBM +04].

plasma-wall [HY07, KTG07, MV04, SZ04].

plasma-wave [MCL05].

PLASMAGKIN [Pin01].

plasmas [ATJO06, ATF +09, ABS04, ASC +05, BF04, BBDV12, DGV08, GFP00, GBS07, GH01, HD04, HO104, HW09, KY07, KA04, KMR +09, KSSH04, LYL07, yMS01, Mah08a, Man04, NYH04, PPP01, PCV06, SV01, SG01, TPBE04, TKP06, TDD04].

plasmastatics [Bru00b].

plasmoid [SKR04].

plastic [SM06b].

plastically [Cle05].

plate [Var02].

platform [AAKL07, BAK01, Far01, KKH07].

platforms [CR00].

Plato [KH09].

PLD [SMS +00].

PLNoise [Mil06, Mil07].

plotting [NY06].

plug [BBB +09b].

plume [CSC +04, KTG04b].

plume-to-spacecraft [KTG04b].
POLYTOPES [KS04b]. Polywigg [CF02]. Poor [CFH+01, LH02]. PopRatio [SV01]. population [VPP+12]. population-based [VPP+12]. populations [SV01]. pores [BDHP08, DN05]. porous [BB00, JOS07, NS02, PPM03]. portable [BBB+09b, GDC01, LL00, OCK+03, Ref00, SKNV00]. portal [BLC05]. Porting [EL04]. Pöschl [MS08b]. posed [RMWH01]. positive [FM03, LPC04, SJP05, Sea02a]. positron [BPP01, SBM09b, WCBN05]. positrons [SJP05]. possessing [PSK01a]. possibilities [McK07]. possible [TIM07, TIM08, Var02, Vl03]. post [Pue06]. post-Newtonian [Pue06]. postprocess [BC07]. postprocessing [LB09]. potassium [KAC07, YN05b]. potential [APV00, ATP01, ADS06, Ber03b, BFL07, CCB02, CG09, CG09, CW01, DVL+02, DVL+04, FAIT01, HG02b, Hlu00, IK00, LRI+06, LPC+00, LF02b, MS08b, MAM04, MAM07, OS03, PJK00, PAT+09, Riz02, SN07, SG04b, TAP01, TIT06, TY05, WL00, XSC09, Z006]. potentials [APV00, ASH06, AMP+00, BVY05, CW00, FHR+05, HSS+08, IBM03, KM08b, MBG03, NW02a, ON08, OPO+08, PS08, S00a, Sea02a, SSLN02, TKN+08, Val05, Vie01]. POTHMF [CGG+09, CGG+08]. POTLIB [DVL+04, DVL+02, DVL+04]. Potts [BBJS09, BKB02a, BKB02b, CBBJ02, CGIA07, HJ02, KSS02, TL09, dO09]. power [Mil06, Mil07, NV09, RDSS01a]. power-law [Mil06, Mil07]. pp [Wan00]. PPA [TKK+06]. PPA_Ab [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, BBD+09, FS01a, HDG07, JWW00b, KS05, LMC+03, TNBSF04].

Preconditioned [GHP01, Liis05, Xia01]. preconditioner [HZGZ09].

preconditioners [CHS09, SBD+06]. preconditioning [HZGZ09]. preconditioners [CHS09, SBD+06]. preconditioning [ADG08, GH00, UJSW06].

predator [TRAdO09]. predator-prey [TRAdO09].

predict [Gha05]. Prediction [TiTD01, BK05c, GOH06, HCH+06, KPF03, SvAS01]. predictions [BL00, Bre05, CSC+07, CSC+08, GPW04, Oka01]. Predictive [NK07]. Prelle [DDdMS02]. preparation [Cap05]. presence [KDSB04]. present [Ano02a].

Presentation [Ano04a]. preserving [CLR08, HL00c, LB04].

pressure [BBD00, CS07, CHM+09, HTA08, HJZL07, IL07, LHS+09, Lei02, LDZ+08, MLG+01, MC09, Mor01, NV09, PDM+08, QP05, Var02].

pressure-dependent [MLG+01]. pressures [BNS07, KRTZ02]. prey [TRAdO09].

primordial [PCE+08]. principal [HB05]. principle [RG05, Tsa02]. principles [AJT+07, Ano09a, CR05, CM02a, CTI07, EYJ07, FG04, GBTM07, Har01, KKKC07, LN01, LDZ+08, MCBR03, MSK+05, Mor01, NKS05, WKP+01, WCO0, dSdSW08, vdHBP+02].

priori [DVG05, TIM07, TIM08]. Prize [Ano04-56, Ano04-57, Ano04b]. PRMAT [SNBB02].

Probability [Lik01, Man04, BH08, FPB08, FFD00, RF08, Sev00, SSZ01].

problem [AMP+00, Bae03, Bal07, BD08, BL00, BV00, Bru00a, CRUV00, CGVA09b, FG03, GHP01, HBW05, Huj05, JC07, JS08, KNU00, KZS+00, LVV07, LC00, Man02, MMR04, MNH01, MP01b, SHV+01, SZ00b, She08, SGM+09, TNI+07, VBFM05, Wan06b, WWF08].

problem-orientable [Huj05].

procedures [Fat02, IF03, LVV07, MVS05, MC09, PRBD09, Tam03].

processing [IAR09, ASJ+03, ASVA00, AKS01, BJ05b, BKM02, CFKM01, CL03, DSG03, DTHL09, FS00, FBL00, Fra07b, HCII00, Huk02, KSTL03, LJV09, LMC+03, LCHJ09, LJ00a, MT01, MVJ09, MLF07, OS00a, PAS09, Ram04, Ram05, RM05a, RMWH01, SAVA01, SAVA03, Sim08, Van05c, Var08, WW05, Wan05b, Wen01, WX04, Zim02, Zim05, dA08].

problems [FH02, IF03, LVV07, MVS05, MC09, PRBD09, Tam03]. processes [FIBT01, FIT03, Fra09, GF01, GF02a, GSF05, IFF01, PFG06a, TLP04].

process [BFL+01, PK01, BDT00, Con04, GDC01, IF03, NIFS01a, QTMH07, SVP09, SOAW08, ZSD+08]. processes [AS00, ABB+09, Bar00, CPW09, CZC00, Ida02, KDS04, MFR+00, NIFS01b, RS00, WS04, Wen01, WX04].

processing [LSVMW08, AGS07, BBBS+01, CCD08, CR00, DDMM06, Di 01, EGF+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 [Kim03, Tos08, WS09].

production [Abe01, Ano03b, AAC+06, BBC+01b,
protease [CRPC08]. Protein [DLZ08, Oka01, iTKST01, DELG05, Elb05, ISH01, LV08, MMEH08, NSMO02, 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, KBV09, ON08, PL05, Bru04]. pseudo-arclength [KBV09]. pseudo-dynamics [PL05]. pseudo-fermions [CMK+03]. pseudo-potentials [IBM03, ON08]. pseudo-spectral [CCBL02, EVL00, HDG07]. pseudo-binary [Bar03]. pseudopotentials [IBM03, ON08]. pseudo-spectral [CCBL02, EVL00, HDG07]. pseudobinary [Bar03]. pseudopotentials [IBM03, ON08]. pbpseudorandom [DH00]. Pseudospectral [LKC06, ABOSPG09, ICT01, NJ01, YZW02]. Pulse [PLL07]. Public [PCE+08]. publishing [GDC01]. pulse [Gha05, KDSB04]. pulses [BBBR04, BDV04, HW09, KS04a, Kur02, NY07].

PUPIL [THC+07]. Pure [GF02b, CM02b, GFG01, Nar09]. purpose [ASS+02, CPT+01, FS00, FWP01, IO00, Jad00, Jad03, Mak01, OK06a, iSHS+08, SMS+00, SHH+04, SHI02, SHI04]. Pushing [Sor02]. PWBA [Cip07, Cip08, Cip09]. pw2paw [THM01]. PWT [KT07]. pyramidal [WHJ06]. pyroclastic [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, Dür09, EFH+07, FPK03, FJC+05, FH+01, GL02, GHH03, GH00, HS03, HvHHM09, JS06, JPS+09, JU09, KKK06, KS02, Lüs04, Lüs05, MSS+07, SO04, Vog05, Yos01]. QCD- [Vog05]. QCDd [vdEFL+02]. QCDINS [RS00]. QCDOC [FMD07, FDM07]. QCMI [TJD09]. QDENSITY [JDBT06, JDBT09].

QM [GSM+03]. QM/MM [GSM+03]. QMC [FM00]. Qprop [BK06a]. QQ [DGS09]. QQ-onia [DGS09]. Quadratic [Zah05, LLY07, ZA01].

Quadrature [Kim03, AA01a, AAP03, FKAM05, Hin00, IP01, KTT09, KD09, MK05].

quadratures [Del08]. Quality [FGV01, KMZZ05]. Quantification [ISS+02]. Quantitative [HF06]. quantities [Blu04, GFF01, GG03, MS06]. Quantized [SV08, Har00]. quantizing [Zha01]. Quantum [AGS07, BD07, Bes02, Bro00, DHMD00, DC05b, GPW+09, JDBT06, K01, KS04a, Lj01, NI07b, PMV02, SYN01, STH08, VK09a, Voi02, Voi03, Yeo02]. ZKASS05, ABNA05, ABDA05, BAC02, BDLT02, BC05, BTK+02, Bow02. BDM09, BNSY02, CN01, CRPC08, CA09, CHP04, CA07, DDM05, DMM06, DMD+07, DD01, DB08, Dun05, EMJH03a, EMJH03b, Fer07a, FSK04, FHR+05, GCK02, GF02c, G0L00, G0P08, Haf07, HSSA01, HSGKB08, H00b, HB05, JC07, JC08b, JDBT09, KM05, KM01d, KM03, KN07b, LV01, LL+01, LVT+02, LC06, LLZ01, MSS00, Mam08, MP08, MWA01, MGG05, Mey02, MI05, MK05, MA06, Moh08, MP05, MM01, O5K+02, OM03, O5F03.
OGKL02, PZW+00, PRBD09, PCYC02, RF05a, RF06a, RF07, RF08, Ram03, RDF02, RS09, RCG05, SCM00, SGL09, Suc02, Suz00, TJD09, TYSH05.
quantum
[TNCG00, TDD04, T6t08, VK096, VT00b, VT00c, Vos06, WHJ06, WWF08, WDHE04, WV05, Wi09, YB02b, dSL02, RF05a, RF07, Vio04, Wan00].
quantum-number
[TNCG00, TDD04, T'ot08, VK09b, VT00b, VT00c, Vos06, WHJ06, WWF08, WDHE04, WV05, Wi09, YB02b, dSL02, RF05a, RF07, Vio04, Wan00].
quark
[BH07, CKS00, JW00a, Kol03, OvSA02, TSA+03]. quarkonium
[DGSL09]. quarks
[BDF+08, KMP09]. Quarteroni
[Sha04]. quartic
[TY01, TYSH05, YTOt01b]. quartz
[HM06a]. Quasi
[Sch04, BFL04, HTM+08, KL06, LDZ+08, MT00, PSH06]. quasi-bound
[MT00]. quasi-error
[KL06]. quasi-harmonic
[BFL04, LDZ+08]. Quasi-Monte
[KL06, Sch04]. quasi-polynomial
[PSH06]. quasi-temperature
[HTM+08]. quasi-crystals
[Gro01]. quasilinear
[FMG00, Kon01]. Quasilinearization
[KM03, KM06, KM08b, MT01, KM01d, Ram04]. quasiperiodic
[HL00c]. quaternary
[Bur02]. quaternionic
[JC07, JC08b, WWF08]. qubit
[RF05a, RF06a, RF07, RF08]. QUBIT4MATLAB
[T'ot08]. qubits
[PMV02]. quenching
[RCGC00]. Quicksym
[VKM+05]. quiet
[ZSdD+08]. QWalk
[MP08].

R
[PKKM02, Ton07]. R-CCSD
[PKKM02]. R-matrix
[Ton07]. R1
[HKM+07]. Racah
[Fri09]. Rachford
[Mah08a]. RacoonWW1.3
[DDRW03]. radar
[FKMB09]. RADCAP
[Ber03b]. Radial
[OIKN02, WDB04, CGA+07, CGVA08, CGG+08, CGG+09, CGVA09a, DGL09, Dy09, HB05, KTT09, SMSE03, Sea02b, Sim09, TD03, UK02a].
Radiation
[MK05, AGM+00, BP08a, Lm00, Maz00, PP09, RTVR09, RMK05, SVP09, SJHY07, WSBO4, WCBN05, dA08].
Radiative
[ACIZ07, HD04, HyDJvdM01, Hu05, TI01, WH00, W0l03, WH05].
radio
[GB05]. radioactive
[VS06]. radiography
[KMCS01]. radiological
[FFS01].
radix
[Yam00]. radix-2
[Yam00]. radon
[LC01b]. RAEME
[LL04]. railway
[HM+02]. Raman
[HS07, HW09]. ramifications
[Luo00]. ramified
[SFSH01]. Random
[DGLB08, GG00, LB0+09, SFSH01, ATB+01, Be05, BBJW05, CLF07, CF09, CCRA05, FV02, HSJ02, HJ02, JH09b, Ld09, LCP04, OTY02, Pr00, RK05, Sch06a, SYN01, SS05, TL06b, WHO02, WH06].
random-bond
[HJ02]. range
[AL08a, BHL02, CM02a, CJ09, LOY07, MB03, MRS04, Mic07, NH09, PHF+07, RD05, SYN01, SS05, Tat07, Val05].
ranged
[CW00, WHL05]. ranging
[MOC03, OMC00]. ranlip
[Be05]. Rao
[Kas00]. Raphson
[Jam00]. Raphson/log
[Jam00]. Raphson/log-derivative
[Jam00]. Rapid
[RB08, ZZ09]. rapidity
[IPS+09]. rare
[GCP+02, GF02c, NW02a]. rare-gas
[GCP+02, GF02c]. ratchets
[Rap02b]. Rate
[MLG+01, BGJ+07, BBPS09, EST00, KKO00, TSI02, ZS07]. Rate-based
[MLG+01]. RATH
[bLpL02]. ratio
[HS03, QG04, UVLLRC09]. rational
[DR09, SK08, VC08]. ratios
[BBJS09, CFJ09]. Ratip
[Fri01, KF05b, NFH06]. ray [Min01, MKJ+05, NRR01, Pop03, AGM+00, BB07, BSO+04, BS01, KMC+01, LZC+08, Sal03, Vég04]. Rayleigh
[DMR01, DMR02]. Rays [Tel02]. RBF [TWY09]. RBF/Elman [TWY09].
REACH [MS09]. reaction [BS00b, CZC00, CRP08, CGA+07, CGV08, CGVA09a, DCOJ07, MLG+01, XD08, vE08]. reaction-diffusion [BS00b, CZC00]. reactions
[Ber03b, BG06, BTS05, Elm09, HYY07, SK05, Sri01]. Reactive
[RFK08, Val05, FH00, HSGBK08, LCB+00, LJ01, MGG08, MN01, iKNV08, SCM00, VT00b]. reactor [KPL07]. reactors [STK+00]. ready [BAD01].
Real [KM08a, MG09a, BMSG01, Bun01a, DM07, FH04, FBP08, HSG08, HCO00, ICO03, MSHP02, MKM02, OSK+02, SKNV01, SMH+01, Teh01, TB87, Tho4a]. real-coded [HCO00, ICO03, SC00].
real-space [OSK+02, SKNV01, SKNV05]. real-symmetric [Bun01a].
Real-time [KM08a], realistic [CYAS05, GCP+02, HKK02a, ZKASS05]. reality [TKS+01]. reason [BNSY02]. reasoning [Vég04]. recall [MHS05].
Recipes [Koc02]. reciprocity [GPT08, ISSB01]. Recognition
[SKH02b, DLZ08]. recall [Nat08]. recoiling [Wro08]. recombination [PNH00].
reconfigurable [Fra07a]. reconnection [BJ03, EFBP04, FS08, GBC+04, HOI04, UTO09]. reconstructing [BV00].
Reconstruction [Bat03, BG01, GGQ01, ISSC01, SF06, Teh01]. record [DH01]. recoiling [DK05, VF03a, VF03b, FIBT01]. recovery [ZS08].
rectangular [DM09]. recurrence [SHI02]. Recursion [LZ04]. recursive
[KK04, KTT02, MO03]. REDACLE [BCC+06]. redox [BTS05].
REDUCE [GK02, GKI04, UCG+05, Vul03]. Reduced
[Bac02, NGE+04, GF01, GBC+04, RLH+09]. Reduced-dimensionality
[Bac02]. Reducing [HKP02, Bae03]. reduction
[BGJ+07, Har00, MG09a, MG09b, NP00, Pis00, Wei02a]. redundancy
[Man02]. reevaluation [TSI02]. reference [LRI+06]. Refinement
[KNTG03, PM01, FS08, HCH+06, KKF+04, LOL06, MOM+00, Ros04, SJCM04, VAH04, VCF+04, WTW04, Zie08]. refining [LHS+06]. reflect
[Nur04]. reflectance [SLC09]. Reflection [KV07, Ram10, WP00, Yan09].
reflections [Hib01]. reflective [CLFH07]. regaining [ZSdD+08]. regarding
[An04-56, An04-57]. regeneration [KL01]. regime
[CMS04, GHLW+03, HS03, HW09]. regimes [YM03]. region [MNYY00a].
Regional [ADE+02, Org01]. registers [RF05a]. regular [BSDMH05].
Regularization [AG05, BK06b, DSH05, RMWH01]. regularized
[Cai09, DSH02, DSH03]. reinforcement [EM08]. related
[ASV00, AKS01, 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, vHMK08]. relativity [AG05, MG09c, Pue06]. relaxation [FFD00, LNK01, TCF00]. relaxing [Huk02]. RELCI [FFG02].
release [BCKT09, GKP+06]. relevant [WML+05]. Reliability
[AAP03, AA01a]. Reliable [AA00, AA01b, Ixa01, CCRA05]. relic [BBPS02, BBPS07a, BBPS07b]. Remarks [Ano04-56, Ano04-57].

resemblance [Ano04-45]. remote [BCD+01, BK06b, DSH02, DSH03, DSHH05, FGV01, SEC04b]. removal [Hor09]. Renner [HC08]. renormalization [BBPS02, BBPS07a, BBPS07b]. replicas [BBPS02]. Replica [BBPS07a, BBPS07b]. Replica-exchange [BBPS02]. Reply [AA01b, LHC02, WLW04]. represent [FA00]. representation [BDBV12, DBR02b, KKK06, Mas05, SHW01]. representations [De 02, GKR07]. represent [FA00]. representation [BDBV12, DBR02b, KKK06, Mas05, SHW01]. representing [GFG+06]. repressor [CDST05, FFD00]. Replica [PLS09]. Replica-exchange [PLS09]. replicas [PLS09]. represent [FA00]. representation [BDBV12, DBR02b, KKK06, Mas05, SHW01]. representations [De 02, GKR07]. represent [FA00]. representation [BDBV12, DBR02b, KKK06, Mas05, SHW01]. representing [GFG+06]. repressor [CDST05]. repressor-DNA [CDST05].
round-off [JC08a]. Routes [SBD+05, VEG08]. rovibrational
[Bac00, CCBL02, CNMC09]. rovibrationally [LDBG08]. RT3 [HC08]. rule
[FKAM05, IP01]. rules [CD09b, HvHHM09, Kim03, QCL05, Sem09]. Run
[ABC+01, BGLLW01]. runaway [EH03, SMSE03]. RunDec [CKS00].
Runge [VAMVR08, ASVA00, BT01, CFMR08, Fra02, KMS09, MVJ09,
PAS09, Van05a, Van05b, Van05c, VIV01]. RunMC [Che05]. RunMC-an
[Che00]. RunDec [CKS00]. Runaway [EH03, SMSE03]. Runwien [dlRL09].
Ruth [OMF02]. Ruth- [OMF02]. Ruth [OMF02]. Ruth- [OMF02]. Rydberg
[Kim03, QCL05, Sem09]. Rydberg-excited [NW02a]. S
[Par04, MM08]. Saha [RMK05]. Saleri [Sha04]. salt [CCFG05]. sample
[Nap09]. samples [Nap09]. Sampling [AL08b, GW01b, Asc08, BL05,
LWLL07, PM02, SR01b, TBZ12, TM01, VPNW02, WL08, Zim05, vE08].
SANcnews [BBK+07]. SANCscope [AAB+07, AAB+06]. SANCscope-v.1.00
[AAB+07, AAB+06]. Sand
[PAD+09, OML09, EFG+00]. satisfying [YSM09]. saturations [Lüt04].
saving [FNR+06, FNR+07]. Savitzky [MAM04, MAM07]. Saxon
[AKG02, Cha00, CWSH08, Dup01, FKG00, REAB08, dMBC+06]. Schedules
[ZA01]. Scheme [DK05, AEE05, AC05a, CA05a, CPS00, Cha04, DSG06,
Esi01, FH00, GLL+02, HDG07, HL00c, HS07, KG07, LBPS09, LMC+03,
LHS+06, yMS01, MZB+04, ML06, OK06b, PC08, ISX05, Sev00, TYN02,
TNY00, UTO09, UNK12, WHJ06, WS09a, WTV04, ZHZ09, Zie05]. Schemes
[BH03, BP08b, CMT00, CMT01, ID09, Suc02, TQ03, VCF+04]. Schrödinger
[ACK05, AKZ00, ASVA00, AKS01, AKS02, AK07, BK06a, CJK09, CMK+03,
DGL09, GH00, GNZ+09, Imu07, Ixa02, Ixa07b, JKO8, JKO8b, KMS09,
KBV09, LVV04, LVV06, LRI+06, LIR+06, LVV07, LB00, LY05, LC07,
Nur04, PSV00, Riz02, RLV+08, SZH00a, SW09, Sim00, SW00a, SVA03, Sim09, SM02, SFSL09, Sug01, SQ03, UK02a, UYK+04, Van05a, WGDZ04, Wan05a, WC05, WSO9a, WT01, XSC09, XZ12, YB02b, Zak06, dHV08.

Schrödinger-solver [BK06a]. Schur [CD01a]. Schwarz [Lüs05].

Schwarz-preconditioned [Lüs05]. 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, Esq04, MSK+02, MA04, MA08, NJ00, 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]. screened [HJZ09, OS03, SJ02]. screening [MLG+01]. script [HL08b]. scripts [BS06a].

SDECAY [MDM05]. SDH [MBC+09]. Search [GOG00, CCRA05, Nak07, TL04, TL06b]. searches [VPP+12]. Searching [Sus01, qX08]. seawater [VS06].

Second [MVJ09, Po09, BB04a, CIC+03, FMG00, Goc04, Hoo04, WHJ06, YM03]. Second-order [MVJ09, Po09, WHJ06].

secret [AEEdR05]. section [AIOST03, Pap01, SBM09b]. sections [BS03, Cip07, Cip09, HSBK08, Hor09, Kol09, LDBG08, MOC03, Nik03, OMC00, Sal03, Yos03, Yos07]. Sector [BBK+07, ST09, MN01].

Secure [DBE+04, AEEdR05, TWY09]. security [LMC+03]. sedimentation [BS08]. segmental [LM02b]. segments [HSS+08]. SEL [GT04].

SELECTCONF [BKM05]. Selected [BDL00, BN07, DM07, TB87].

selection [BFMH+01, BKM05, CB05, Man02, TS08]. Selective [SPV07].

selenium [NI01]. Self [BT101, MMTH04, Pet04, SOS01, BR01, BA09, BNSY02, CD05, CHL05, CGVA09b, FK00, GGG01, Jad00, Jen01, MR06, NT05, NYH04, PHKL02, Pit05, SJJHY07, 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 [BT101, PHKL02, WH00, ZSK+04]. self-consistent-field [Pit05]. self-diffusion [WLR+08]. self-energy [FK00, GGG01, MR06].

self-focusing [SBM04]. self-gravitating [CD05, VKPB09].

Self-gravitational [MMTH04]. self-intersecting [BR01].


semi [AAC+06, ADG08, BCB+01b, BFB+08, BGS+04, CRS09, DDEM00, FBB01, LBPS09, ML06, ON08, UNK12, Ida02, TYN02].

semi-analytical [AAC+06, BBC+01b]. semi-classical [BFB+08]. semi-core [ON08].

semi-implicit [ADG08, LBPS09, ML06]. semi-Lagrangian [BGS+04, CRS09, ML06, UNK12, Ida02, TYN02].

semi-periodic [FBB01].

semi-structured [DDEM00]. semiclassical [TDD04].

Semiconductor
RRRHD08, Bae04, CKV04, CHP04, DHBE05, EE02, KP01, KNY05, MSK+05, NY08, PY08, SWP03. **Simulation**

[BDHP08, BRB09, EH03, FSK04, HK02, HGH+05, HTL+03, HLW05, JH09b, JBA05, KTG04b, LYL07, LHMB00, MLPT08, OSK04, PJSK08, RF05a, RF06a, RF07, RF08, TIM08, TdFK00, Var02, VK09b, WGS00, WRMG05, YZD+07, ZPB09, ZM00, ACIZ07, AdlT03, All05, AH03, Aok01, ASC+05, BDK+06, BCCM03, Bar00, BB04b, BDB+08, BR09, BTD505, BMvG00, BDF+08, BS08, Bur02, BUV04, 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, EHHH01, EHHH06, Esi01, FMD07, FWP01, FL01, FS02, HD04, HY07, Har01, HL00a, HMY+02, HLO0c, HJM02, HL05, Hua09, HKL+07b, HSS+08, HKL+02a, HS07, IIC+08, IDS+04, IW01, IW02, ICO01, IN09, JAT03, Jen00, JDBT06, JDBT09].

**simulation** [JBS08, KH01, KPL07, Kar02, KSYE00, KPS+01, KKS04, KS05a, KCR07, KBG00, KK05, Kud09, KNSY07a, KMCS01, LM02a, Lee04, LSL07, LCS07, LbotMC01, Lei02, LVL01, LLCS07, LLT+02, LHC03, LZC+08, LC08b, LKPH08, LAHM06, LKC06, Lon07, LMS+02, LL00, LM02b, MR05, MLTC01, Maz00, MV05, MLF07, MPK00, MM02b, Mil06, MII07, MKB02, MIM+07, MY01, ML06, MC01, MS09, MABK02, MSH01, NSKS01, NT05, Nak08, NN06, NYH04, OKS02, OK06a, OK06b, ODC02, PCK00, PGG02, PPG02, PPO02, Poi08, Poi09, PY08, Pop03, QTL06, Rap06, RCGC00, Ref00, RJFB08, RGR+04, SNS01, SM06b, SLL07, SHZ01, SKV05, SL01, SOAW08, SSA07, SBBM04, SAU+04, STK+00, Swi04, TLCS04, TMTF00, TKS+01, TITD01, Tod01, TDD04, Trö08, VYK02, VBBF01, Wal03, WTH+04, WHCL07, WML+05, WRC+04]. **simulation** [Wil02, WH05, WHL05, XON08, YSM09, YD07, YNS+09, YRR07, Yos00, YkV05, ZLM04, dNKM07, TIM07]. **Simulational** [CMT00, CMT01].

**Simulations**

[Bin02, HM00, LHS+09, LNC+03, RSMK+00, Wes07, An04b, ADBF03, ABRS12, BS06a, BA09, BF04, BS02, BB09a, BADC07, Ber02, Ber03a, BMS+09, BCD+07, BDBV12, BMML05, BHM+07, BL05, BM01, BGH+09b, BDYK04, BKB02b, BDM09, BGS+04, BK05c, CZC00, CDFF05, COE+05, CDQF07, CLFH07, CDD08, CR00, CW00, CNDC09, CW01, DS01, DMR01, De 07, DGLB08, DBR+02, DD01, DC05b, DUX+09, Elb05, EL06, EII08, ES09, Eq04, FFK02, Fel08, FT08, FFF01, FS08, GCP+02, GBFS07, GLHW01, Gre04, GH00, GCD06, GHPS04, Ha07, HL00b, He00, HM06a, HBMJ05, HKL+07, HKPL07, HW09, JG09, KBBW02, KCC+00, KMD+02, Kat02, Ker02, KSPT04, KY07, KMO08a, KRTZ02, KD09, KKO4, KSSH04, KNSY07b, La09, LTA05, LBPS09, LCM00, LSVW08, LF02b, Lüt02, Lüt04, Mak01].

**simulations**

[MV04, MFF+05, MBK09, MHS05, MMTH04, MS08a, MRF+05, MP03, MFV07, MDC09, MER+00, MTJ02, Müs02b, NSMO02, NGE+04, NK03, NBPG08, iNKVN08, NFS01b, OLS+01, OD07, Oka01, OO05, OCK+00, OMF03, PHF+07, PM02, PRSB08, Pet04, QRH00, RP02, RLRR06, RD05,
RPD+05, RJCH00, RvOvV02, SJCM04, SPC+05, SEC04a, SLWH02, SWC+03, SBD+06, SFF+04, SBL+04, SvAS01, SG04b, SBB03, SPM00, SPP+04, SS05, TÁT09, TMN01, THC+07, Tri01, Tsa02, ULA+02, Uhl03, UOM01, UOTM03, VKN07, VAH04, VCF+04, WCGL00, WK02, WCG04, WBDB04, WLGX09, Xia01, YWL04, Yos09, ZKAS05, dS03, Esq04, UVLRRC09]. Simulator [HLW05, HKL+07b, CGCS07, CD01b, DMD+07, DHS00, FH04, FK00, FS01b, FS02, GSF05, KNSY07b, KFT+01, LY05, PRSB08, ISX05, SG00a, San00, SM04, SM06a, YN05b, YD06, SBM09a]. Simulator [BSW+07]. Simultaneous [GFS03]. Sinc [WDB04]. Sine [KS05]. Singer [DDdMS02]. SINGINT [Kau03]. Single [DDMM06, MAM04, MAM07, Dev05, DHS00, FH04, FK00, FS01b, FS02, GSF05, KNSY07b, KFI+01, LY05, PRSB08, ISX05, SG00a, San00, SM04, SM06a, YN05b, YD06, SBM09a]. Single-cell-based [ISX05]. Single-particle [DDMM06]. Single-shell [GSF05]. Single-walled [YN05b]. Singlet [JC01, KJ07, Vo102, Vo103]. Singlet-singlet [JC01]. Singlet-triplet [KJ07]. Singular [Del08, Kau03, KM08b, LC00, PNH00, Ram04, Riz02, YZW02]. Singularities [BW08, GSGT03]. Singularity [IM01]. Sintered [KEL02]. Sinusoids [CN00]. SiSe [CM02a]. Site [NLC09]. Sites [IW01, IW02]. Sitter [DKV00]. Six [FFK02, Bac00, BBB+09a, BGH+09a]. Six-dimensional [Bac00]. Six-state [FFK02]. Sixth [CFMR08]. Sixth-order [CFMR08]. Size [NFS02, BJ08, BS08, Car07, DGAG06, GDAG05a, GDAG05b, HBW05, MD09, RP02, SS02b, VBF01, WV04]. Sized [RRCV09]. Sizes [MM01, MK02]. Skimming [SS09b]. Skin [AAA+00, BBB04]. Sky [RTVZ08]. Skyrme [BD05, BH05, DD00, DO04, DO05, DSC+09, SDNR05]. Slab [AH02, KV07]. Slabs [JTS+06]. Slavnov [FTL04]. 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 [CGG00, TIM07, A1f09, GF02c, MVS05, ZDKG05, TIM08]. Small-angle [CGG00]. Smear [HK02, KT04]. Smearing [Dür05, Dür09]. SMMP [EHH01, EHH06, MEE08]. SMMP-open-source [EHH06]. Smoluchowski [Kos05]. Smooth [FMD07, OD07]. Smoothed [BBBD06, JHV003, KN05, TE05, VKP09, BTS06]. Smoothing [Dem03, Dem06]. Snow [MYJ01]. Social [KOS+09]. Sociophysics [Sta02]. Sodium [BCP04, Kur02]. Soft [HSS+08, KPS+01, LAMH06, PJSK08, SSL02]. Soft-core [HSS+08]. SOFTSUSY [Al02]. Software [BG01, Org01, SMZ05, AAG+04, AEB02, BBH+01, BSO+04, BNI07, BB+08, BF+09, CNMC09, Che07, EHH06, Esq04, Gha05, KVR+00, MP03, OPB+09, PFPB+09, RC04, RMMP02, SC04, Teh01, TV07, THC+07, TSY+00, VPP+12]. Softwares [LL07]. Solar [KL01, RTVZ08, SL09]. Solenoidal [YSM09]. Solid [BDM09, CGC+09, CC08, FFF+01, HFK+01, HF03, ICO01, JKK+00, KM01a, KK05, LAT04, MB02, Miš02b, diRBP09, RCG05, Ste05, WMNS09, YT01a, Yok09]. Solid-state [diRBP09]. Solidification [NW02b]. Solids [ADS06, BFL04, MPK00, RR05, SM02, THM01, YG09]. Solitary
Soliton [HNS01, GI09, YB02a]. solitonic [HNS01, GI09, YB02a]. solitons [BZ00]. solute [MLF07, NJ01]. solution [BFH05, DD00, DO04, DO05, DSC09, LRI06, LIR06, NT04, SZ00a, SR05, Var08, Yao09, AP04, AMP00, ASVA00, AK05, AK02, BD05, BTS05, BV00, CC04, CFKM01, CBF04, CRS09, DGSL09, EMJH03b, Fij99, Fij00, FS01a, FS02, GBC04, Huj05, Ixa02, JBBR01, Kas00, Kos05, LDVJ06, LVV06, Li03, LC00, MM04, MP01b, PAS09, PSK01b, RIB01, Riz02, Sho04, Sho07, Sim00, SVA03, Sim09, SDNR05, Sug01, TKP06, Van05a, WGDZ04, WC05, WDHIE04, WW06, ZSK04, ZDKG05, Zie05, dA08]. solution-adaptive [Zie05]. solutions [AA08, AKZ00, AK07, BGH04, CC09, DKE00, DHZ06, HJZL07, bLP02, LL04, LJ08, LJ09b, Plb03, LL08, PAS09, Rib02, SW09, TD03, UK02a, UK02b, UYK04, VBC07, Van02, YB02a, Yan03a, Yan03b, Yan03d, Zak06]. solvable [HNS01]. solvated [BSB02]. solve [CTG01, DKMF03, GNZ09, LVV07, OGWH03, PS08, TS06, Tol02]. solvent [BDH05, CCD07, GSM03, LH02, itVP08, XD08]. solver [ADG08, AEB02, BK06a, EST00, FS00, HCH06, Ida00, Ida03a, Ida03b, KA04, MB04, MOS00, MOS01, PCV06, QR01, QG04, TP01, WPL02, WRC04, XON08, Zie04]. solvers [Bra05, FS03]. Solving [BB07, FS00, IH09, IHA09, JS06, KEM01, LO05, Maa06, SH07, XC09, Zim05, ACK05, AK03, BSO04, CJK09, Den08, FBL00, Fra07b, GS00, HHH07, JK08, KA09, LY05, LJ09a, MZB04, MK08, MP01b, NJ01, PMG07, PAD07, PKST03, PSV00, Ras09, RE09, Ras17, She03, SZ00c, SM02, Str00, SFL09, TPY03, UNK12, WS09a, WYX01, XZ12, YZW02]. Some [BKM02, FGR06, JBS08, LZ00, Luo00, MA08, Al02, BCU03, Hb01, MD08, Roy09, Van05a, WSB04, Wen01]. sophisticated [Gre07, MM09]. sorting [REAB08, REAB09, YWLC04]. soundings [AdlT03]. source [ABN05, CLL07, EHHH06, JP09, LCS07, MTL01, MSB09, SHIY07]. sources [DDEM00, DW01]. Space [AC05a, BD05, Bre05, CC04, D05b, DK00, FP08, FM00, FER07b, GBFS07, GM02, GW01b, GHPS04, Han00, ISSB01, IM01, Jia08, KM00a, KM01b, MSHP02, Nak08, OSK02, Pap01, PRB09, RLI09, SKNV01, SKNV05, SW00b, SMH01, SRR00, SBB03, TKS00, Tr08, XON08, YTO1a]. spacecraft [KTG04b]. spaces [PL05, SH06]. spacetime [Rib02]. spacetimes [BFI00, Vul03]. SPP [SB06]. Spanish [MBC09]. Sparse [RLRR06, BN07, BMG01, Cha00, DM07, EFS08, FM03, GHP01, MYC09]. sparse-blocked [Cha00]. sparse [EE06, EH07]. spatial [EELZ04, GKM00, HTM08, KMR09, SBD06, ZBB06]. spatial-grid [WMNS09]. Spatio [RDS02b]. Spatio-temporal [RDS02b]. spatiotemporal [GLW03]. Special [iSHS08, SMS00, SHI02, CPT01, IO00, Mak01, SHH04, SIE04, Th01, Van05a, Wen01]. Special-purpose [iSHS08, SMS00, SHI02, Mak01, SHH04, SIE04]. specialized [SS02a].
species [DHS00]. specific [CGC+09]. spectra [All02, BB04b, BM02, GCP+02, HSSA01, Jia08, JC01, KJ07, MK05, MKJ+05, MM05, MM09, Por03, RC04, RF04, TK8+04, TK09, WCBN05, vHLP08]. spectral [BP08a, CCBL02, CJ09, EVL00, FS01a, HDG07, Hua09, LBPS09, PMG07, PKST03, She03, ZS00c, TPYV03]. spectrometry [All02, BB04b, BKM05, MKJ+05, MM05, MM09, portrait04, role04, CGL07, GIME02, RDSS01a, Sol01, VT00a, Wan06a, Wan06c, VT00a]. Speed [GGL03, TIN+09, GCD06, iSAK+08, SLL01, TCF00]. SPH [JOS07, MDH04, MC09, MK09, SM06b]. SPheno [Por03]. sphere [PP09, SA09, SWFL00]. spheres [BDH+05, JBS08]. spherical [Bal07, BK05a, BD05, CRW09, CMT01, MP05, OSK04, OK09, RSMK+00, RJFB08, San00, Tal09, IFF01]. spherically [AG05, IW02]. spherically-symmetrical [IW02]. spheroidal [CFKM01, Hu09, Kir06, LKC06]. Spin [CY01, NH09, You02, BBC+08, BDLT02, BR09, CSW02, CPT+01, DKC08, Fo09, Flo01, GF02b, Goc04, HG02a, JW02, Kat02, KK01, LCV06, LDBG08, NMS00, OTY02, PS08, PMV02, RD05, RLU00, SH06, SS06, TEP00, YD07, You05, ZPB09, GSF05]. spin- [DKC08, PS08]. spin-orbit [JOS07, MDH04, MC09, MK09, SM06b]. Spin-box [NH09]. spin-orbit [TEP00]. spinor [MM08]. spinor-helicity [MM08]. spins [DDD+01]. split [CA07, MK08]. split-operator [CA07]. splitted [Zak01]. splitting [GLP03, SG06]. splittings [AJ08, JC02]. Springer [Hoo04, Koc02, Laf03, Par04, Sha04, Vio04]. Springer-Verlag [Hoo04, Par04, Sha04, Vio04]. sputtering [IH01, SZ00b, Sev00, WS04]. squared [KT04]. squares [Dem06, JC07, TD03, WWF08]. SSNT [PBI07]. SSOR [GH00]. SsTools [KW07]. Stability [Van05c, ATIO06, AHB+09, FGF03, SH01, SiH+01, She08, Sim09, TM01, UVLRRC09]. Stabilization [VT00c, bHhL07, Nur04, TCF00, WZ06]. stabilized [BLS09b, MV09]. Stable [MN01, PC08, RB00, SW00a, WW05, Wan05b]. stably [LCM00]. stack [Sah08]. stacks [LMS05]. stage [KKR04]. stages [LA01]. staggered [KNT08, Cha04]. stair [Ver04]. stance [ZSdD+08]. stand [DGR09]. stand-alone [DGR09]. Standalone [TP01]. Standard [FK00, FJ+03, HS02, Anc07-21, JS08, LPC+04, GFF01]. standing [BB07]. Star [BCFC04, EK09, HBR05, QTM07, FFP01]. star-image [QTM07]. stars [BLCR05, CDQ07]. starting [FF01]. State [BRB09, RPY07, AMP+00, Bac02, Bat03, BMO4, BKB02b, BDM09, BCH05, CBBJ02, CWSH08, DCNDC09, DC07, FFK02, FFP01, FV02, HSBK08, HG02a, KSS02, LÅT04, LEG02, MC03, MG09, MHS05, dRBP09, PRBD09, SH06, SVP09, SJF07, Wan05a]. state-history [MHS05]. state-to-state [HGBK08]. states [BBB+09a, BM06, BH03, BJ05b, CRS05, CWW06a, CWW06b, DGV08].
states-computational \[KB02\]. \textbf{STATFLUX} \[GMAN +07\]. Static

Static \[BKB02b, QCL05, Ver00\]. statics \[LMM +08\]. Stationary \[TLCS04, Bae03, DGV08, WDHE04\]. Statistical \[TSB +05, ASJ +03, Ano09, DSS01, GMAN +07, GGL +02, ISSB01, JGJ09, Nov02, PJSK08, Rin02, SAG +02, Sta00, Suz00, Swe02, TY01\]. Statistics \[HNG05, FHF00, ISSB01, YT01b\]. Status \[UXD +09, Ano01a, McK07\]. steady \[CTG01, ZSSA00\]. stellarators \[SIH +01\]. stem \[Dom05\]. step \[BCP04, Ber03a, DWZS05, FLO06, HDGM07, Ida03a, Ida03b, IVD03, MA06, Sho07, Ver04, WGDZ04, WW05, WC05, Wan06a, WTW04, ZH09\]. steps \[KV08, NR01, SSH02, Sho04\]. stepsize \[WDHE04\]. stiffness \[Zim02\]. sticking \[Tsa02\]. stiff \[BT01, Ber03a, DWZS05, FLO06, HDGM07, Ida03a, Ida03b, IVD03, MA06, Sho07, Ver04, WGDZ04, WW05, WC05, Wan06a, WTW04, ZH09\]. steps \[KV08, NR01, SSH02, Sho04\]. stepsize \[WDHE04\]. stochastic \[AAA +00, BP08b, DDP00, EM08, HMG06a, MCC05\]. stress \[EM08, HM06a, MCC05\]. stress-induced \[EM08\]. strain \[BSO +04, HTA08\]. Strain \[BSO +04, HTA08\]. strains \[LTT09\]. constrained \[VKY02\]. strange \[Lew04\]. Strategies \[Tri05, Gol00, SLWH02, Ska05\]. strategy \[Bae03, Gra02, PL05, TLP04, VT00b, WLH00\]. stratified \[LCM00, TdFK00\]. streams \[Bru04\]. strength \[JK02\]. strengths \[EKW09, HB05\]. stress \[EM08, HM06a, MCC05\]. stress-induced \[EM08\]. striation \[BCD +07\]. strictly \[SA09\]. string \[ABD +05, GHIL09, LLY07\]. strings \[BR01, RR05\]. STRINGVACUA \[GHIL09\]. strong \[ACK05, CBBJ02, CKS00, KLD04, Kur02\]. strongly \[Alv09\]. STROTAB \[KJ07\]. Structural \[Bli09, EM08, KACB07, TBR07, Iwa01, ZBB +06\]. Structure \[GF02c, HOF04, Mor01, AAA +00, AJT +07, ASH06, AJO8, BD08, BT01, BM01, Bro07, CPV +08, DHS00, Fis00, FTGG07, FS01b, GSF06, GPH01, GOH06, GB03, HC00, HTM01, HIJM02, HJFG07, KFJ +09, KL00, KPF03, KNSY07b, LTM09, LOY07, LC08b, LB04, LZO4, MS06, MSB09, MWA01, NS03, New02, OKS04, Oka01, PFG06b, PKSF01, QASF +05, RB08, SH +01, SG04a, SH06, SBM02, SHX02, SKN01, SN07, SMH +01, SKH02b, SYM00, THM01, Vos06, WKP +01, Yos09, ZF09\]. structure-preserving \[LB04\]. structured \[DDEM00\]. structures \[BB07, Cle05, Flo01, GCP +02, HK02a, HK02b, LV08, LTT +02, LY05, LTM09, LF02b, LLLZ01, NM01b, OGG07, OB09, PMV02, RRCV09, SLC09, SA0808, Str01a, TM01, VS01, WP00\]. Student \[Ano04a\]. studied

[Bur02, HMT +08, MSH01, RV0V02]. 

\textbf{Studies} \[BS04a, BJ08, BJ03, CCG08, CSS +07, JSS +08, Dom05, FMD07, HK02b, LMS +02, MV05, Min01, Rap08, iTKST01, WM00\]. Study \[LDZ +08, PSK01a, PSK01b, RLU00, ISAK +08, SF04, SS04, TAM04, AGJ07, ABOSP09, ADE +02, BJ02, BW00, Bor02, BBJ +08, BFB +09, BCV03, CRPC08, CH09, DELG05, DMR01, DC07, DC05a, DGR09, DH00,
FGV01, FS01b, GAR05, GW01a, GDAG05a, GDAG05b, HOT07, HGVM+02, HM06a, HTA08, ISH01, KEL02, KL07a, KNSY07a, Kur02, LWT08, LN01, LNK01, MCL05, MCC05, PKRK07, PAT+09, RIB01, RG05, RCG05, SS07a, SMSE03, SK08, SWL09, SVP09, SGM+09, SHJ07, SS09b, SSLN02, TYSH05, WSCW09, YD06, YC07, YRR07, YKK07]. Studying

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 [CPT01]. Suggestive [Niu00]. Suitable [SI01]. Suite [JU09, SBM04, SSB09, TKB04]. Sulfur [MSH01]. Sulfuric [CTI07]. Sum [QCL05, Sch06b, SF06]. Summation [AH02, Har02, LHC01, LHC02, MU06, TZZ06, Wen01]. Sums [Bek06, Bli04, Blü09]. Sunrise [CCGR09, PR06]. Super [Bar04, KW07]. Super-heavy [Bar04]. Super-systems [KW07]. Superbursts [NBPG08]. Supercomputer [Yos09, CD08, CBM05]. Supercomputers [BAD01, CD08, CBM+05]. Supercomputing [MSK02]. Superconducting [KW03]. Superconductivity [GOG00]. Superconductors [VS01]. Supercomputer [Yos09, CD08, CBM05]. Superconductivity [MSK02]. Superconducting [KW03]. Superfluid [Yos03, Yos07]. Superfluorescent [MTLC01]. Superheated [KNSY07a, Ste05]. SuperIso [Mah08b, Mah09b, Mah09a]. Superlattice [GVMW04]. Superlattices [JK01]. Supernova [SBD06]. Supernovae [HRN00]. Superresolution [KSTL03]. Supersymmetric [DKM07, FJ+03, HS02, Ali02, LPC+04, MDM05, Por03]. Supersymmetry [Mah09a]. Suppressed [NC09]. Surface [KNSY07a, LS02, LAF01, BVY05, BB07, BLCR05, BDHP08, BH01, BDH+05, CW02, DEW01, DVL+02, DVL+04, EG09, HY07, KPS+01, Kim07, MKB02, NP01b, OLX07, SHV+01, TCO00, WSB04, WMNS09, XSC09, ZHC00]. Surface-controlled [BDHP08]. Surfaces [ATP01, ABV02, BM01, BTK+02, CIC+03, GGG01, GMB02, G101, Har01, HG02b, Hin00, Ida00, Ida03a, Ida03b, Ing01, KM01a, KMB02, LNK01, LG09, MPS09, NSYZ02, NP01a, PCC01, Ple02, Rou01, SSH02, Srit01, TAP01, TGB01, Tsa02, YG09]. Surrounding [LY05]. Survival [SH01]. Susceptibility [VEG08]. SuSpect [DKM07]. Suspended [ICO01, KH06, RSMK+00]. Suspension [DHB+04]. Suspensions [SF05, UVLRRC09, WDF+02]. Susskind [CAF+03]. Sustainability [FKM09]. Sustained [FKP03]. SUSY [Ano09u, FIJ+03, Hah09, Por03]. SusyBSG [DGS08]. 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, Niu00, Pee07, SH05, TV07, qX08, Yan02]. Symmetric [CBF+04, AG05, BN07, Bun01a, CFMR08, CR00, DM07,
Kim07, SŽ00a, Wan05b. symmetrical [IW02, WS02]. Symmetries [MG09b, BCV03, Che07, MG09a]. symmetry [BD05, MMR04, RF05b, Sle00, YN05a]. 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, ABNA05, ABC+03, An001n, BGLLW01, Cap05, Eli05, GC01, IH01, JP09, KS07, KK01, KM00b, KTT02, KMCS01, LdV006, LNV+09, Mar01, Mas00, MTZ00, NFS01a, NFS02, OK06b, Pce07, Pop03, Sol01, SS09b, SQ03, TKS+01, TLM03, TWY09, Ver00, Wan09a, Wei04, ZS03, ZZH09, AAB+08, BNO+01].

Sznajd [Sta02]. T [PKKM02]. T3E [ALN+01]. table [HS01b]. TADpoles [Ste01]. tailored [CR08]. tails [HBMJ05]. tangent [BGH04]. tapered [NSK01]. target [BDB+08, MOC03, OMC00, OKS04, OJS04, PD08]. targeting [vDGM+09]. targets [SBM09b]. Task [CD08, An009s]. tauola [GKP+06, BEM+02, GKP+06]. tauola-photos- [GKP+06]. Taylor [DMR01, DMR02]. Taylor1.0 [PTL04]. TayIUR [vH06, vH07]. TD [WPL02, WT01]. TE [KV07]. TEA [Gha05]. Teaching [HF00, TPBE04].

tearing [Lüt04]. technique [Bae04, CIC+03, EMJH03a, Har02, ICT01, KMHO2, KA05, KK00, LHC01, LHC02, PDA06, QTMH07, Ram10, Sal03, dSL02]. techniques [AP09, Bes02, CLFH07, DSC06, GHLW03, Hei01, PBB+04, PY08, Ram04, RMO5a, SWC+03, Tod01, TYS+00]. technologies [Chr00, CMB05]. technology [CRS01, Far01, Lüt00, SMS+00]. telescopes [CBM08, GKP05].

Teller [MS08b, HC08]. temperature [HTM+08, HJ02, KMD+02, Kar02, KLD04, Le02, LDD+08, MTJ02, NH09, PP02, Zha00]. temperature-driven [PP02]. temperatures [DS01, FS01a, Kat02]. Temporal [RMK05, RDS02b]. tens [HHM+09]. tensile [Kim07, LTT09, MDH04]. tensile-strained [Kim07]. tension [NL07, ZHC00]. Tensor [BH01, BGH+09a, Bre07, GGM02, MP04, MGPM07, MGYP08, MG08b, Por00, RF00]. tensor-trick [RY00].

tensorial [HHL06]. term [SVA01]. terms
LOCJ05, MN01, MA06, MA09, Nak08, NM01b, NN06, Nur04, PSV00, SŽ00a, SG06, SOYN01, Sim08, SM02, SRR+00, SSA07, TSI02, UJSW06, WS09a, WLR+08, WTW04, ZS07, ZS08, dIGGS+05, dHV08]. **Time-dependent** [HGVC+02, Mei01, BC05, BSK+03, CRS05, DKMF03, DKC08, GNZ+09, MA09, NM01b, PSV00, SŽ00a, dIGGS+05]. **time-discretized** [DB08], **time-domain** [CMT00, CMT01, Den08, HL05, NN06]. **time-ensemble** [Nak08]. **time-evolution** [SOYN01]. **time-harmonic** [CHS09, HZGZ09]. **time-independent** [DC07, MN01, SM02, WS09a]. **time-invariant** [BB04a]. **time-step** [HDGM07, MA06, WTW04]. **timelike** [MG09c]. **times** [MSS+07]. **timeseries** [PB09b]. **timing** [HDGM07]. **Tinker** [PLS09]. **tip** [CW02, MCC05, ZS03]. **tip-tilt** [ZS03]. **TiReX** [PLS09]. **tissues** [YC07]. **Tl** [LK07]. **TLM** [Hei01]. **TMAT** [dAK01]. **tmLQCD** [JU09]. **TMOL** [BRdAHK04b]. **today** [Shi09]. **together** [Gre04]. **tokamak** [ATIC06, ATF+09, EH03, KY07, NK07, PMA+04, PPP01]. **tokamaks** [GIME02, SJCM04, SMSE03]. **Tolman** [Rib02]. **tomographic** [BG01, LVH07]. **tomography** [Bal07, CEM08, GBA01]. **Tool** [SPF00, Str05, Ano09s, Ber03b, BBB+00, CNMC09, Esq04, Gha05, GPW04, GBR+09, HL08a, LPC+04, LCE+09, LR06, MHGV09, MCBR03, MRF+05, MYL+08, SMSE03, TND04, TND05, TGD06, WH05, YFM09, vdB08]. **Toolkit** [Mal00, SR09, BFL+01, CKK09, HF00, MOM+00]. **tools** [Di01, MC01, Org01, SKF05, WSCW09]. **top** [KJ07, Kol03]. **topography** [ES09]. **Topological** [CKLS09, dLRBP09]. **topologies** [RDSS01b]. **topology** [IW01]. **TopReX** [SS02a]. **torches** [CHL+07]. **toric** [KS04b]. **Toroidal** [Lüt04, BDBV12, GS01b, IK+08, KZS+00, Liu07b, SG00b]. **toroidally** [ATF+09]. **torsion** [GW01b, Vui03]. **torsional** [Bac02]. **torus** [FMD07, FDM07]. **Total** [MSHP02, BS03, NRR01]. **Total-energy** [MSHP02]. **trace** [KBV09]. **traceability** [BCC+06]. **tracer** [Str01b]. **tracing** [BMSG01, PPP01, Pop03]. **Track** [Blao0, GGQ01, GKM+00, GKK+08, JG09, NY06, NY08, PB07]. **TRACK_TEST** [NY06]. **TRACK_VISION** [NY08]. **Tracking** [Laf03, iSAK+08, HHCC05, TCO00]. **tracks** [NY08, SWFL00, YFM09]. **trade** [Oli01]. **trade-offs** [Oli01]. **traffic** [CL02, Wal03, ZWY04]. **trajectories** [AGJJ07, Elb05, Nat08, ZE00]. **trajectory** [LJY07, MSS+07]. **trajectory-length** [MSS+07]. **transactions** [BD06, Dan09b]. **Transcendental** [MU06, Wei02c]. **Transfer** [Yak01, Bes02, BCH05, DC05a, GDC01, Ger07, Liu07a, RE09, SGK09, Str01b, WH00, Wol03, WH05]. **Transfer-matrix** [Yak01]. **transferred** [CHL+07]. **Transform** [DSC06, RM05a, Don02, KA09, KSTL03, LC08a, Ras09, Ras17, SSP08b]. **transformation** [ASJ+03, FLO06, LL08, Niu00, YN05a]. **transformations** [GF02a, KEL02, NP00, PZ01]. **transformed** [Elb05, SDNR05]. **transforms** [Blia0, Blü09, CR08, Dup01, HC00, KSPH02, MA00, MM05, RB05, SS08a, Tal09, Tör00]. **transistors** [CSC+07, CSC+08, LH03, Man08]. **Transition** [BR09, AGM+00, BJ05b, CBBJ02, DKC08, FFDO0, GAR05, HBW05, JK02,
KITK00, KMP09, KT07, LJY07, LLY07, LDZ+08, LA09, MSS+09, Maz00, Mor01, OS03, PDA06, Tat07, Wil02, YH02, YD06. \textbf{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]. \textbf{Translational} [TK08]. \textbf{Transmission} [Man04, KV07, Nat08, SYM00, WP00]. \textbf{Transmission/reflection} [WP00]. \textbf{Transport} [Ano04-46, KY07, KMR+09, PMA+04, ABSM04, BDYK04, CMD00, CGK+00, EST00, GZ07, ISSB01, KKKC07, Lee04, LLLZ01, Man04, MLF07, MBC+09, NKSL05, NRR01, PAD+09, PC08, Pop03, QTL06, Ros04, SYN01, SGK09, TAM04, TKP06, Vie01, WTH+04, WML+05, WRN01, Yak01, YNZ+09, Zie05, da08]. \textbf{Trap} [CKV04, MA09]. \textbf{trapped} [RLI07]. \textbf{trapping} [NRDHB01, PCA+07]. \textbf{traps} [TS06]. \textbf{traveling} [FD03, Hon04, LL04]. \textbf{travelling} [EELZS04, bLpL02, LJ08, LJ09b]. \textbf{treat} [GLMADB+02]. \textbf{treating} [CA07]. \textbf{Treatment} [IM01, Bac02, GWK09, KL01, MMR04, FNH00, Ram05, TJLR06, WC00]. \textbf{tree} [ADBF03, BAD01, BCAD06, FJI+03, JKC07]. \textbf{treecode} [AL08a, CKV04]. \textbf{trends} [Sch04]. \textbf{tri} [HGVCM+02]. \textbf{tri-} [HGVCM+02]. \textbf{TRIAC} [PBI07]. \textbf{Trial} [PDM+08, PAT+09]. \textbf{triangular} [BM06, CHS09, HZGZ09, MCLDP01, She08]. \textbf{triangulation} [BSDMH05]. \textbf{triatomic} [HC08, TT06, TKB+04]. \textbf{triaxial} [MAM04, MAM07]. \textbf{trick} [RY00]. \textbf{trigger} [ABF+01, Issc01]. \textbf{trigonometric} [Sim09]. \textbf{Trigonometrically} [FSW08, Wan06c, Wan06b, MKS07, Sim08, WC05]. \textbf{trigonometrically-fitted} [Wan06c, Wan06b, Sim08, WC05]. \textbf{trimer} [Bac02, Ry00]. \textbf{trimers} [GLMAB+02, OB09]. \textbf{triode} [LC08b]. \textbf{tripleint} \textbf{cc} [PAT+09]. \textbf{triplet} [KJ07]. \textbf{tritium} [RCGC00]. \textbf{trivial} [MSD08]. \textbf{tropical} [Mas00]. \textbf{Trotter} [Iwu07]. \textbf{Trp} [CDF05]. \textbf{truncated} [ASL+05, Maa06, WHI06]. \textbf{truncation} [Zah00, Zah01]. \textbf{Tsallis} [FHH00, Sch06a]. \textbf{TSIL} [MR06]. \textbf{tube} [PCC+09]. \textbf{tubes} [IL07]. \textbf{tunable} [SJJ07, Vor02]. \textbf{tuning} [BB03]. \textbf{tunneling} [MMC00]. \textbf{tunnelling} [CKLS09]. \textbf{turbid} [CGK+00]. \textbf{Turbulence} [Iwu07]. \textbf{turbulent} [SJD05, Ker02, RKF08, Str01b, TIM07, TIM08]. \textbf{tweezercalib} [HTNBF06a, HTNBF06b]. \textbf{tweezers} [HTNBF06a, HTNBF06b, TNBSF04, Whi00]. \textbf{twelfth} [WGDZ04]. \textbf{twelfth-order} [WGDZ04]. \textbf{twist} [CC04]. \textbf{twisted} [BDF+08, Jau05, Ju09]. \textbf{twisting} [DGLB08]. \textbf{Two} [CII+07, CNDC09, FHR+05, HW09, ID09, LCS07, Moh07, STK+00, TDD04, UTD09, Var08, AC07, AMP+00, BCP04, Bv02, BR09, Bli00, CCG09, CCBL02, CMK+03, DSO4, Dev05, DQ08, DHS00, EA05, EELZ04, FSW08, FK00, GR02, GBC+04, GOG00, GME06, HBM05, HZJL07, IHR09, IVD03, JWW00b, JK08, JKKT00, JKC07, KT05, Kim03, Km01c, Kr06, LS05, Liu05, Mah08a, MR06, Nik03, NYH04, OvSA02, PD08, PR06, RTVR09, RV+08, SKH02a, iSHS+08, SSB+09, Stan06, Wau06, Xie06, YDG08, Zie08].
two-

SGF03, Sol01, SM02, TMTF00, TZZ06, TBZ12, TY01, TL09, TdFK00, Ver00, WGDZ04, Wan06b, WS09a, WD04, XZ12, ZY09, ZZH09. two-

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 [E˚AU05, Nik03, SKH02a, WD04].

two-fermion [JWW00b, Sol01].

two-flavor [L¨us05].

two-fluid [LS05, NYH04].

two-loop [Bl¨u00, CCGR09, FK00, MR06].

two-particle [Dev05, DJ08].

two-phase [TMTF00, TY01].

two-point [DS04].

two-quark [OvSA02].

two-species [DH00].

two-step [TMTF00].

type-II [CHP04].

type-I [Brc08, Sol01].

type-II [CHP04].

type-I [BMML05, BSvdDW02].

typical [De 02].

UCLA [DN04].

UCN [Yos07].

UHI [BF04].

UK [Wan00].

UKQCD [All01].

ultra [HGH+05, Tol02].

ultra-high [HGH+05].

ultracentrifugation [BS08].

ultracold [JKCGJ08].

ultradiscrete [GI09].

ultracold [JKCGJ08].

ultracold [GI09].

ultrasound [VD04].

ultrahigh [WBB04].

ultrarelativistic [Tom09].

ultrathin [KKKC07].

undergraduate [Chr00, Gou00].

underground [Kud09].

underground [Kud09].

Understanding [Bal01, BCP09, DLS09, Müs02b].

uniaxial [CAW00, LIT09].

unification [VPCK04].

Unified [DKMF03, Ram01, Ida00, Ida03a, Ida03b].

uniform [BCD+07, JTS+06, KV08, KH06, NJO1, WHO02, vHK00].

unimolecular [FS01a].

unit [YT01a].

unstable [De 02].

used [BDK+06, PBB+04].

User [MCLDP01, Bar04, BT04, BCKT09, CGC+09, Hor09].

user-interactive [CGC+09].

uses [BOPC05].

USFKAD [KS07].

Using [CFJ09, GCD+06, KBV09, PMG+07, AGJ+07, AP04, AI09, ASH06, AL08b, ADG08, Bar03, BS03, BDW06, Bek06, BS04a, BR09, BFL04, BH01, CN01,
CLFH07, CFKM01, CA09, CMT00, CMT01, Cip07, Cip08, CC00, EMJH03a, FKMB09, FS00, GVMW04, GMAHV+09, GFP00, GF02c, GSS06, Goe02, GOG00, GFS03, Haf07, Har00, HKP02, IH01, ISS+02, IK000, KPD06, KW07, KD09, Ldv06, LTT+02, LLWL07, Lik01, LSVMW08, LMS+02, LNC+03, Lôis04, Mah08a, MSY07, MLTC01, ML03, MBR01, MFVJ07, MA06, MC09, MM05, ME00, MT00, Nik03, Nil07b, ON08, PL05, PLS09, PAT09, RB08, RGD+01, ISX05, SNS01, iSAK+08, Sch06b, SBM02, SL07, SR05, SGF04, SOAW08, SSP08a, SSP08b, SPS09, SGL09, SM02, SDNR05, SSB04, TAM04, TIN+09, TiTD01, TKSR00, TWY09, TdFK00]. using [ULA+02, UVLRRC09, VKM+05, itVPG08, VK09a, VK09b, Vor02, VBC07, Vul03, WP02, WP00, WTW04, qXbL04, qX08, YWLC04, ZE00, ZF09, dDSFY04].

USPEX [GOH06]. Utilities [Fri01, NFH06]. Utilizing [BLM01, MHS05].

\textit{v} [Kol03, MMEH08, DO05, FIBT01, Har00]. \textit{v.1.00} [AAB+07, AAB+06]. \textit{v.6.21} [BBC+01b]. \textit{v.1.0} [CJT06]. \textit{v.1.00} [BD05]. \textit{v.1.1} [BRdAHK04a, BRdAHK04b, dAK01]. \textit{V1.1.0} [vdB08]. \textit{v.1.66p} [SDNR05]. \textit{v.1.75r} [DD00]. \textit{v.2.0} [Nat10, TGD07, TL08b, Nat09]. \textit{v.2.08i} [DO04]. \textit{v.2.08k} [DO05]. \textit{v.2.3} [Mah09a]. \textit{v.2.40h} [DSC+09]. \textit{V3.0} [Tôô08, Mah09b]. \textit{vacancies} [CC08]. \textit{vacua} [vdB08]. \textit{vacuum} [ATIO06, FS02, GHIL09, KTG04a]. \textit{valence} [CYAS05]. \textit{Validation} [MC01, BB03, CHL+07, PS09]. \textit{Value} [IHAR09, ASVA00, CFKM01, LJ09a, LC00, PAS09, Ram04, SVA01, WW05, Wan05b, Wan06b]. \textit{valued} [FH04, HM06b]. \textit{vapor} [JBA05, MSK+05]. \textit{vapor-liquid} [MSK+05]. \textit{variable} [CLFH07, IVD03, LL08, MBG03, SSZ01, Van05c, WT04, qX09, Yan03d, ZLL09]. \textit{variable-coefficient} [LL08, qX09, ZLL09]. \textit{variable-phase} [MBG03]. \textit{variables} [Str05]. \textit{Variant} [RK05]. \textit{variate} [BBBD06, Bel05]. \textit{Variation} [IN02, NRR01]. \textit{Variational} [OBG09, FMG00, GLMADB+02, MM01, PAT+09, SM02, Var08, WLH00, Yok09]. \textit{variety} [TLP04]. \textit{various} [Nii00]. \textit{varying} [CAW00, Koz02]. \textit{VASIMR} [IDS+04]. \textit{Vbfnlo} [ABB+09]. \textit{Vector} [Bal07, San00, Whi00, EFS+08, EL04, Kat02, Mas05, Rap06, ULA+02, WLH00]. \textit{vector-parallel} [Rap06]. \textit{vectorised} [KSYE00]. \textit{vehicular} [Wal03]. \textit{Velocimetry} [ISAK+08]. \textit{Velocity} [HTM+08, BS08, GR506, HOT07, Luo00, NHS07, SM06b, TKSR00]. \textit{Velocity-dependent} [HTM+08]. \textit{velocity-field} [GR506]. \textit{verification} [UXD+09]. \textit{verifying} [GI09]. \textit{Verlag} [Hoo04, Par04, Sha04, Vio04]. \textit{Version} [Abe01, BBPS06, HH+09, W0303, AAC+06, BLS01, BFB+09, BNFM+09, CWW06a, CWW06b, CGVA08, CGVA09a, Cip07, Cip08, Cip09, CGK+00, DS06, DD00, DO04, DSC+09, EHHHH06, FA00, GS01b, HTNFBS06a, HTNFBS06b, JWW00a, JPS+01a, JPS+01b, JS07, JC01, KRW03, KJ07, Mi07, Mam07, Nat09, Nat10, PDL04, P005, P0005, RC04, SYM00, TGD07, TL08b, vH07, BCKT09, Sem09]. \textit{versions} [BD06, XD08]. \textit{versus} [AA07, BDHP08, Jan05]. \textit{vertex} [HBW05, SF06, ZBB+06]. \textit{vertex-cover} [HBW05]. \textit{vertical} [LC01b]. \textit{vertically} [EMJH03b]. \textit{very} [OBG09, RTVZ08, WV04]. \textit{VHF} [LC07]. \textit{VHF-ICP} [LC07]. \textit{VI}
[ABV02, DSC\textsuperscript{+}09, GF02a]. via [AF05, BDH\textsuperscript{+}05, DGLB08, HL00c, LZS06, MCL05, Mor01, SFSL09, TCF00, TYS\textsuperscript{+}00, ZA01, Zim05]. vibration
[KLTH04, TKB\textsuperscript{+}04]. vibration-rotation [KLTH04]. Vibrational
[Kar02, Bac02, Bes02, MT00, RF04, SM02, VCCS05, XSC09]. VicAddress
[MSY07]. video [EFH\textsuperscript{+}07]. viewing [Nat08]. VII [FIT03]. VIII [GSF05]. violating [GLL\textsuperscript{+}02]. violation [LPC\textsuperscript{+}04, LCE\textsuperscript{+}09, DGS08]. Virtual
[TKS\textsuperscript{+}01, HF00, LKPH08]. Virtualizing [ZC09]. viscoelastic [LPC\textsuperscript{+}04, LCE\textsuperscript{+}09, DGS08]. Virtualizing
[ZC09]. Viscous
[MY00a, MDH04]. Vision
[SGM\textsuperscript{+}09]. Visual
[GBR\textsuperscript{+}09, PZW\textsuperscript{+}00]. Visualisation
[AAB\textsuperscript{+}08]. Visualization
[AP09, OK09, AFK\textsuperscript{+}07, Ano09a, Bal01, iSAK\textsuperscript{+}08, SKNV04, SEC04b]. Visualize [Sea01, TKS\textsuperscript{+}01]. visualizing [MPK00]. VLab [dSDSW08]. Vlasov
[AGJJ07, CRS09, DJ04, Eli05, Fij99, Fij00, FS03, GHPS04, IIK\textsuperscript{+}08, Jen00, LDVJ06, MV04, NGE\textsuperscript{+}04, PSK01a, PSK01b, PSK05, SG06, She03, SFG03, SGF04, SFF\textsuperscript{+}04, SSB04, UTO09, UNK12]. Vleck [Goc04]. VLIW
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