A Complete Bibliography of Publications in *Computer Physics Communications*: 2020–2029

Nelson H. F. Beebe
University of Utah
Department of Mathematics, 110 LCB
155 S 1400 E RM 233
Salt Lake City, UT 84112-0090
USA

Tel: +1 801 581 5254

E-mail: beebe@math.utah.edu, beebe@acm.org, beebe@computer.org (Internet)
WWW URL: https://www.math.utah.edu/~beebe/

03 November 2025
Version 1.53

Title word cross-reference

$(1 + 1)$ [SP20, SLZ+24]. $(3 + 1)$ [DH20]. $(zI - H)x = b$ [HKY+21]. 1 [BGW+22, GTB24, JDD+21, LEE+21a, LS25, MPH+24, Sch21, TCSA21, WJB21, WKBW21, YYZ+22, ZGW20]. 1/1 [ZJM+21]. 2 [ALB22, BRAC23, BKRG22, BBF+25, CAC+22, CEKR24, GUW+22, LEE+21a, LS22, LCB25, ST25, NT24, RMCC22, RBFB20, SLDF+21, SCL22, WWB22, WKBW21, YNV22, ZZ25]. 2/1 [ZJM+21]. 3 [ATC+23, BKP22, BFD25, CZS+21, CCW20, DFG+23, DRZ+21, DBH+22, FLW+25, GTE21, GPM+21, GSL+23, GOS+22, HBB+25, IGL+24, JLW24, KWZ24, KNJ+23, LG21b, LLZ+23, LCCC25, LLH+21b, MMP20, NUK+22, NSY+23, PMS+20a, PGYF21, SCZP+25, SBB+24, WZC21, WT22, XFH+22, XLG+23, YNV22, YHY+21, YKY+22, ZL20, ZZ25]. $3 + 1$ [Tor20]. $3j$ [XWYQ21]. ${}^{(}p, q)$ [HXD+25]. ${}^{1}\Sigma$ [BGHC23]. ^{2} [YLH+20]. ${}^{2}\Sigma$ [HMW25]. ^{3} [UYS22]. ${}_{3}$ [DSW+23]. ${}_{4}.5$ [Koł25]. ${}_{n}$ [FLW+23]. α [CWZ+24]. B_0 [BGW+22]. C [FFTV23, NBCMH20]. δf [SNP+20, YC20]. e [Dry21]. e^+ [KM25b]. e^+e^- [ABWZ23, SY20]. e^- [KM25b]. F [LHSW+25, BKRG22, CJD+20, Ken24, MSU+21, SBB+24, ZZS+25]. $f = 1$

[BKRG22]. F_1 [BP25]. F_2 [ABF+23a]. F_3 [BP25]. $F_D^{(3)}$ [BP25]. $F_S^{(3)}$ [BP25]. γ [BKS24b, CB25, Kut24]. $H\Phi$ [IKM+24]. i [MEH21]. J/ψ [KUK25]. jj [GF21]. K [Bzo21, Ken24]. κ [SLIC24]. $k \cdot p$ [ZYL+23]. $K\omega$ [HKY+21]. L [FFTV23]. L^2 [Yan24a]. M_2 [Par21, Par25]. M_{n+1} [FLW+23]. μ [Bie21, ScQYL25]. N [ABB+24a, GSBN22]. ν [Bie21, GLW+23]. $O(a)$ [FFLR20]. $O(N)$ [Kut20, LYX22]. O^2 [KvH21]. p_T [AFJ+23]. ∂ [MFS+22]. q [MMP+24]. R [BAB+20, FMCB+20, MBG+20, PFG22, WBvdH20, BBV+22, BL21]. S [BDdM20, CKT21]. S_N [LEE+21a, WLL22]. $SO(3)$ [ST23a]. SU(3) [DLD+21]. T [BFCR24]. $\tau \to 3\pi_\tau$ [CV24]. $\Theta\Phi$ [PTD20]. $U(1)$ [LY25b, SKM+21]. X [ZWP+22, ST23b]. Z' [AES21].

-Adaptive [BBV+22, BL21]. **-Cascade** [CB25]. **-component** [ABB+24a]. **-coupling** [GF21]. **-D** [YYZ+22, WZC21, XFH+22, ZGW20]. **-dimensional** [DH20, SLZ+24]. **-explorer** [AES21]. **-from-** [Bie21]. **-function** [BDdM20]. **-improved** [FFLR20]. **-matrix** [Kut24, WBvdH20, BAB+20, FMCB+20, MBG+20]. **-matrix-based** [BFCR24]. **-model** [CKT21]. **-point** [LG21b]. **-rheology-based** [ScQYL25]. **-space** [ZWP+22]. **-symbols** [XWYQ21].

.Net [Gro22, GOS+22].

/MOC [WLL22]. **/Python** [ZGK+24].

0D [DTC20]. **0D-2P** [DTC20].

1 [Dau23, DZF25, RDR+20]. **1-D** [Dau23]. **1-D/3-D** [Dau23]. **1.0** [ABB+26, DCRF23, DMS+22, OEI+22, WBM+24]. **1.2** [DP21]. **1.3** [Di 22]. **10** [SMO25]. **102** [IKM+23]. **11-species** [YKYK23]. **147** [MSHP20]. **147/3** [MSHP20]. **185** [AAT+20]. **198** [Ano20c]. **1D** [RDR+20, YZHL22].

2 [BFE+25, Din25, KKM+20, LGX+25, NGCS+25, PSK+24]. **2-D** [LGX+25]. **2.0** [BMS+23, BBA25, BFMA+24, CTPS22, CK23, DB24, FKS20, JY25, JZW+22, KLMU21, KM22, Lat23, MDB+25, MSG+21, NAZ+22, Par25, RZY+24, TRB+20a, YKK+23a]. **2.01** [KOT23]. **2.1** [ABB+22, SSC+25]. **2.14** [BHH+20]. **2.2** [SZY+22]. **2.2.1** [SZY+22]. **2/3D** [PSK+24]. **20.0** [Oti25]. **2018** [SLW+25]. **2020** [Ano20a, Ano20b, Ano20q, Ano20r, Ano20t, Ano20u, Ano20v, Ano20x, Ano20y]. **2021** [Ano21b, Ano21c, Ano21s, Ano21r, Ano21v, Ano21w, Ano21x]. **2022** [Ano22b, Ano22c, Ano22p, Ano22q, Ano22s, Ano22r, Ano22t, Ano22u, Ano22v, Ano22w, Ano22x]. **2023** [Ano23a, Ano23b, Ano23c, Ano23p, Ano23q, Ano23s, Ano23r, Ano23t, Ano23u, Ano23w, Ano23v, Ano23x, CZB+23, LZP+24, MPZB+24, SZT24, SVJ+24, ZXT23]. **2024**

[Ano24a, Ano24b, Ano24c, Ano24p, Ano24q, Ano24s, Ano24r, Ano24t, Ano24u, Ano24v, Ano24w, Ano24x, MBJB24]. **2025** [Ano25a, Ano25b, Ano25c, Ano25p, Ano25q, Ano25s, Ano25r, Ano25t, Ano25u, Ano25v, Ano25w, Ano25x]. **2026** [Ano26b]. **228** [SJY20]. **250** [SCAP24]. **264** [MKPW22]. **269** [ZYX22]. **271** [YNV23]. **287** [Och23a]. **298** [MOMO25]. **2D** [YNV23, CAC+22, JLL+24, LGX+25, LHSW+25, YZHL22, ZYH25]. **2D/1D** [YZHL22]. **2D/3D** [JLL+24]. **2DMAT** [MYM+22]. **2HDECAY** [KMS20b]. **2P** [DTC20]. **2V** [TCSA21].

3 [AKK+24, DSSW22, DKM+24, Hal21, KLM+22, LGX+25, MAT+25, PMA+21, SS21a, SLL+24]. **3-D** [Dau23]. **3-T** [LGX+25]. **3.0** [BHKS25, HCP20, Lat25, RSPJ21]. **3.01** [BKO20]. **3.1** [CGV+22]. **30** [Pos22]. **301** [SGY25]. **3D** [YNV23, GM26, JLL+24, KAG24, LKJ+25, LJM+25, NMA+25, PSK+24, Yan23, YWSE25, ZMK+25]. **3DO** [GTE21]. **3DO-SKMF** [GTE21]. **3DVar** [ZX25]. **3IDEA** [YKYK23]. **3T** [LGX+25]. **3V** [DFG+23].

4 [EMM+23]. **4.0** [LSY+25, SCAP24]. **40** [DPR+20]. **40-Feynman** [DPR+20]. **403.0** [DDM20].

5 [LOT+20, LHG+20]. **50** [Cel24]. **50th** [SHB+20]. **5D** [Sit23, Sit24].

6 [Gro22]. **6.0** [ABB+24a]. **6.5** [SZ24b]. **6D** [CE22].

86 [LWC+21].

9.3 [SMO20b]. **95** [LGBJ20]. **99-line** [YJ24].

a-TDEP [BBB20]. **AADIS** [YZ20a]. **AAfrag** [KOT23]. **AAVDP** [ZLLZ25]. **Ab-Initio** [vRCM21, BDP+21, FN23, SLIC24, PP23]. **ABINIT** [LACL24, BCTS22, GAA+20, BBB20]. **absorbers** [KJL+23]. **absorption** [XLX+24]. **accelerate** [OKZ25]. **Accelerated** [BRAC23, CDT22, MSY+21, ANS25, ABD+25, BMSP21, BMS+23, BHC+25, CFLR24, Cos22, CESD+23, DAC+23, DRZ+21, ECS23, FUTJ25, FKK+21, HLS25, JMOC21, JLL+24, KL23b, KMR22, KT23, KNJ+23, LG23, MDB+25, MRH+23, NT24, Nie20, Nie22a, RLW+24, RZH22, RBWD+25, RCW+20, SSC+25, SXYD24, SCL22, SH26, TDD+25, TSB26, VSM+22, WWM+22, WCP25, WZDL26, WWJ+22, WVK21, XBL+20, XZYS25, XCC+25, XLG+23, YLLW24, YLK21, YGSW21, ZPZH20, ZHI23]. **Accelerating** [CCM20, CCC20, CNS22, HSMR+24, MKHT20, MPN+21, SJ20, ZDJ25, CSW+25]. **Acceleration** [GLB+21, AUEO24, AUEO25, GC25, HLzY+20, JS24, KRCY25, LAD+21, LJQ+22, LJM+25, OB25, PCB+25, RBWD+24, SDL+21, VAS+25, WZK+24, zYMK+21]. **accelerator**

[ABK+22, FA21, KKB+25, NBS+20, TAY+24, WAR+25, ZYG21]. **accelerator-based** [KKB+25]. **accelerator-driven** [ZYG21]. **accelerators** [HXS20, MBF+24]. **acceptor** [BMR+24a]. **access** [JG24]. **accessible** [AMK24, BBV23, MES+24]. **Accuracy** [QLX25, AIZ23, GB22, Jab20, LMQ+23, LWC+21, Tan24, YM21, YWSE25, ZLK25]. **Accurate** [LVMGF+23, NZA25, SS25, ZRH21, ZX25, BV21, CZWE23, DLD+21, ENK24, Koz23, LN23, MT23, NRG24, PG23, TCY23, TLC+21, VGGP+21, XZLX20, Yan21b, YKJ+24, ZCWY20]. **Accurate-geometry-embodied** [SS25]. **Accurately** [FN21, FO20, FO21, PPKK21]. **ACFlow** [Hua23]. **acid** [OSLC21]. **acoustoelasticity** [LLY+22]. **Acquisition** [AAA+20]. **across** [CCM20]. **ACTest** [Hua25]. **actin** [HMM22]. **acting** [KT23]. **actinides** [TIG+24]. **actions** [GNP20]. **activation** [FC25, KD25, LCCC25, DARJ23, ZD25, PGS+24]. **active** [CLZ+25, HDS+25, Kür23, YYH21, ZLV23]. **active-set** [YYH21]. **actuators** [MOA24]. **Adams** [TSL21]. **AdaPT** [DHK+21]. **adaptability** [WLL22]. **Adaptable** [DHK+21, PIFPA+25, KMRB24]. **adaptation** [DG25a, FLW+25, ZWG+24]. **adapted** [GF21, GLSH21, MLD+22, SK24, SPS25, XJZ+26]. **Adaptive** [ACT25, MDZ24, NVCS23, SVSC20, SZW25, SS22, TSL21, WLX24, YWM23, ASC+24, FZH+26, FAL20, FAL21, GP22, HMR22, JES25, KPR+24, KSF+22, KHKK25, LCCC25, MDR+20, PD23, PG23, RCB+20, SRS+25, SJP+21b, Tan24, WJB21, WDMZ24, WWZ+25, Wan25b, WZDL26, ZGSW24, ZD25, BBV+22, BL21]. **adaptively** [LY25a]. **ADAQ** [DIAA21, SDA+25]. **ADAQ-SYM** [SDA+25]. **ADatoms** [DKM+25]. **ADBSat** [SCMP+22, SCR+22b]. **added** [IKM+24]. **adding** [KL22]. **addition** [GBH20, TCcN23]. **additional** [CCK23, GDB10, LG21b]. **additive** [SYFT23]. **Additivity** [WV22]. **addressing** [YCCW23]. **ADG** [ATRD21]. **adhesive** [QCZ23]. **ADI** [HPY21]. **ADI-based** [HPY21]. **adiabatic** [CGV+22, SZT24, Xav22]. **adjoint** [GdPSH25]. **adjoint-based** [GdPSH25]. **adoption** [WVT+25]. **Adsorption** [BRAC23, DvHSdS22, GAJK23, LCB25, PRR23]. **Advanced** [BKE+25, KLM+22, DFP+20, FA20a, LMRN25, RMR+22, WLL22, XLL+22, LS21b]. **advancements** [OXOG23]. **Advancing** [OYG+24, MHLY25]. **advection** [NJ25, PLF20, WZX+25, WWS+25a, WWS+25b]. **aeroacoustic** [GdPSH25]. **aeroacoustics** [CL25b, FZD+24, LIG+24, MVAXP22]. **aerodynamic** [SCMP+22, SCR+22b]. **aerodynamics** [CL25b]. **aeroelastic** [CP25a]. **aerofoil** [LSS+25]. **aerosol** [WNS+21, WSK+22, YFL22]. **aerosols** [MK22]. **aerospace** [BDR+20]. **aerothermodynamics** [DFU20]. **AFiD** [DYLV25]. **AFiD-Darcy** [DYLV25]. **against** [AES21]. **agglomeration** [FXQS21]. **aggregate** [Hal21]. **Aggregates** [FLK+20]. **aggregation** [DRSZ23, YD20, ZJS+20]. **Agnostic** [BHK+21, Gon22, WF25]. **AhKin** [GRCT20]. **AI** [TAY+24, ZHZ+23]. **AI-aided** [ZHZ+23]. **AICON** [FO20]. **AICON2** [FO21]. **aided** [MG22, ZHZ+23]. **AIHFLTF** [HY23]. **AIMSim** [BBV23]. **air** [SLL22, TMR25, YKYK23]. **aircraft** [CP25a]. **ALATDYN**

[ESS+25]. **Algebra** [HW22, CB20, SCT21]. **algebraic** [ATC+23, GF23, LWhK+20, UZB22, UJ21, VÁFG+22]. **Algebras** [FKS20]. **Algorithm** [HA23, LCB25, Pag24a, RCS21, AAB+21, AG21, AYWKL24, ASK+25, BKP22, Bar22a, Bel24, BL25a, sCyW25, CL20, CZX+21, DRSZ23, DC22, DWD+24, GSBN22, HRGGB25, HTK24, IUJ21, Jab20, JG24, JHH+25, JLL+24, JP24, KIK20, KRE22, Kut20, LBRW22, LSSW25, LMX+21, LAD+21, LLZ+23, LLL+24a, LY25b, LJQ+22, LM22, LFZ20, LNB23, MWJL23, MD20b, MDP22, MM22, NTO24, NJ25, Pag24b, PAZ+22, PMS+20a, PGS+24, RSC+22, Roh22, SN23, SDP24, SRE+24, SJ20, SXW+20, SZW25, SKC21, SS21b, SWB+23, TKS22, TKC+21, TCY23, VPPQ21, VPPQ+24, VOLU25, WHH25, WZX+25, WWS+25b, WWJ+22, WHSG24, YCC22, YYH21, Yan24a, YK21b, YNMR24, ZWP+22, ZGF+24, ZS24, ZWG+24, ZZC20, Zho23, ZLP25, dVAR+24, MMC+21]. **algorithm-based** [ASK+25]. **algorithmic** [ANV+25, BL25b, CLEPF22, EML22, RBWD+24, SSO+25, PCS+23]. **Algorithms** [CFB+25, FFLR20, LWhK+20, NR21, BBV+22, AKL+21, Bak23, BC21, BL21, CLY22, CFPS23, ABF+25, GHK20, KSDH23, LNP+24, MGG+20, MRKY25, SJP+21b, ŚGBK26, TV24, TAY+24, Wan25b, WZK+24, XQ21, YRNUV25, ZYLL24]. **aliasing** [AWV24]. **ALICE** [KvH21, NRG22, NRG24]. **aligned** [GBS+20, JSKY25, SBZ23, TW25, ZZS+25]. **Aligning** [Kür23]. **alignment** [KMN21, SJY18, SJY20]. **alkali** [OAB+25]. **All-around** [FSC+25]. **all-atom** [HQF+20]. **all-electron** [GBR23, HLzY+20, LKP24, PD24, SLZY21, SDL+21]. **all-in-one** [GAJK23]. **all-Mach** [MA24]. **Allen** [CZY20, GFML25, KHKK25, TCY23, YWK+24]. **allowing** [PTD20, RBV+22]. **alloys** [CGZ+20, CWG+21, FDPT23, GFH23, LLL+24a, MMCC+22]. **AllScale** [OIA+20]. **almaBTE** [RMCC22]. **along** [HMM22, MM23, Ryd20, WS25]. **Alouette** [Nie23]. **ALPACA** [HWAA22]. **alpha** [PCL24]. **alteration** [NLS24]. **AlterBBN** [AAHJ20]. **Alternative** [Car25, AAHJ20, GC25, LF20]. **aluminum** [BCTS22, VG25]. **Amazon** [RMM21]. **ambient** [BLN+25]. **ambipolar** [VGGP+21]. **AMD** [OLNG21]. **ameliorated** [AGJ+23]. **AMEP** [HDS+25]. **AMFlow** [LM23]. **Amino** [OSLC21]. **AMMCR** [MMC+21]. **amorphous** [AMP+21, KKB+24]. **AMP** [YLH+20]. **amphiphiles** [YD20]. **Amplitude** [fWL24b, BN20, BN23, BS25a, KRL+24]. **Amplitudes** [KMS20a, ADC+21, APST25, Che25, GHL23, HJK+24, PAM24]. **amplituhedron** [LM21b]. **AmpRed** [Che25]. **AMR** [MOV21, PCS+20, WA21]. **AMR-based** [PCS+20]. **ana_cont** [KH23]. **analog** [MKHT20]. **analyse** [HHMH+22]. **Analyser** [ANU21]. **analyses** [GFD+24, PP21, ZLH+25]. **Analysis** [BHK+21, CPL21, Dry21, GSM+22, KAB+21, KFC+20, SBZ23, AMP+21, AS22, ACD+22, BDP+21, BLN+25, BYL+21, CdBMdAS+21, COJ+22, CGG21, CL21, DFP+20, DdMS25, Eku24, EBBB22, FPSZ21, FA21, Gag26, Gal22, Gav25, GSL+23, GvdBdGN24, GVV22, GHKW22, Gro22, HS22, HT24,

HL21, HBB+25, Hor23b, HSO+22, IUJ21, Jab22a, JHH+25, JSW25, JKKN23, KJL+23, KKB+24, KDHL23, KLM+22, LKP21, LLH21a, MMC+22, MGG+20, MZD+20, MYM+22, MRG22, NG21, NL23b, Nis22, PLT+23, PBG+25, PPK22, RDH+20, RZWW23, SKDH24, SJCD25, SE25, SPR25, SCCB25, SMC+22, SRML20, SKS24, SFC20, SLDF+21, SCF20, SCMP+22, SCR+22b, SDA+25, SLTB25, Sva24, TPS+24, Usu25, WXL+21, WGJY25, Wan25b, WLL22, WAYL23, WS23, Yev21, YLK+20, ZXW+22, ZDLS21, GOS+22, GG24].
Analytic [App25, BP25, IHWG24, QLX25, WMM+24, CL25a, CH25, DML23, Hua23, Hua25, KH23, KM22, MD22, PLT+23, LJC+25]. **Analytical** [CLEP24, Flo24, Jab22a, Rod22, BWY25, CB25, CLEPF23, Mau20, XJZ+26, MZV23]. **analytically** [DAS+25]. **analytically-enabled** [DAS+25]. **analyze** [AMP+21, VPZH24]. **analyzer** [YZ20a, ZLLZ25]. **Analyzing** [MMFdL21, DIKSN24, HTM+25, LTL+25, MKPW21, MKPW22, MRG22, YNV22, YNV23]. **Anderson** [NVCS23, SPM+25]. **ANEMONE** [SSN25]. **angle** [LGK+22, SMC+22]. **angled** [AE23]. **angles** [MBCC23]. **Angular** [GF21, BFMA+24, CCW20, CWJ21, JDS20, Pos22, ST23a]. **angular-momentum** [ST23a]. **anharmonic** [MPSK21, ESS+25]. **anharmonicity** [BBB20, CZB+23]. **Animating** [GPD+22]. **Anisotropic** [MD20a, MBH21, BCHE21, BXW+25, BVV22, BDR+20, CHK25, DRM20, FLK+20, GBS+20, GL25, HXD+25, LLH+21b, MM23, MDHH25, PGYF21, YNV22, YNV23, ZX25]. **anisotropy** [GHL+22, RZWW23, SK24]. **annealer** [WWDM20]. **annealing** [RCS21, WWJ+22]. **annihilation** [KM25b]. **Anniversary** [SHB+20]. **Announcement** [AAT+20, ASPDL+21, ASPDL+25, Pos22, SJP21a, Dio23, GST21, GOST25, HVR+25, Jab22b, MBJB24, MPZB+24, SA25, ZXT23]. **annular** [SDXY23]. **ansatz** [SZ23, JWK+21]. **ANT** [SZT24]. **anti** [AWV24, CMS24, KTF22]. **anti-aliasing** [AWV24]. **anti-neutrino** [KTF22]. **anti-symmetrized** [CMS24]. **antineutrino** [AG23, ZIM+25]. **antinuclei** [KOT23]. **antisymmetric** [DEV20]. **Ants3** [MMCG26]. **any** [AKK+24, BS25b, KKSV24]. **app** [HCAH+24]. **Appell** [ABF+23a, BP25]. **applicable** [OHMK25]. **Application** [BCTS22, BKE+25, DSW+23, FGMW25, LBM+23, SRS+25, TW25, WWB22, XSL+22, XPF+24, BB24a, BP25, BRS25, BBA+20, CBCZ+25, DS22, FKS20, GLB+21, GG24, HQF+20, JES25, LHG+25, LKP24, LLY+22, LMMP23, MBF+24, MMC+22, MYM+22, MCB+20, NDM+25, SPTPR21, SKS24, TCD20, YHH+20, ZY25, CMS22]. **Applications** [Jab24, AFB+24a, BRA+25, BDR+20, EMB+25, FRN+23, GC25, ABF+25, Kan24, MDL+25, MMP20, OIA+20, RDC+20, TV24, TGO25, Yan21a]. **applied** [AWV22, BDdM20, IUJ21, KFHR24, LAC+25, LJS21, TPCT22, YXX+21]. **applying** [AMP+21, Jia20]. **approach** [Ano20c, BOSM24, BB21, BFD25, CPL21, CS22a, Che23, CB20, CLEPF22, DLW25, Dau23, DR21, DVC+22, DBR24, EST23, EAOSY25, GBS+20, GBD+22, GQ22, GP22, HLY25, Her25, HHT22, JV25, JHH+25, KMRB24, KK16, KFHR24, KGSL25, LOT+20,

LLH21a, MMM20, MSU+21, MOA24, MSM24, NMA+25, NAZ+21, NJ25, PP23, PC21, RTRB21, SW25, TSV+25, TSAK21, WH23, WBvdH20, WYT23, Xav22, Xie23, YI22, YW21, YK21a, YD20, ZXWY25, PBK21, SMO+20a]. **Approaches** [TRN+24, CY24, CGV+22, GSLS20, GEM+25, LF20]. **approximants** [PPK22]. **approximate** [WWJ+22]. **Approximating** [RPGG25, KD25]. **Approximation** [QLX25, AYI+24, AKL+21, BND22, CL22a, Dan23, DDW25, JRS+21, OYC24, SZL+25]. **April** [Ano20a, Ano21a, Ano22a, Ano23a, Ano24a, Ano25a]. **aquatic** [GRP+25]. **Arbitrarily** [CWJ21, GZW20, BAB+20, GGCW24, MHK24a]. **Arbitrary** [OS24, ABD+23, COW24, CT23, GF23, LH22, LH24, MZL+24, MSM24, OHMK25, SDP24, SRT+25, SHS22, Sij23, WGG20, WMS+25, Xie23]. **arc** [ZGW20, RSPJ21]. **Architecture** [YK21b, AGH21, FAL20, FAL21, Nor23, RCS21, RL21, STC25, TOV25, ZWZ+22]. **Architecture-based** [YK21b]. **Architectures** [LPSK20, ALBL25, DFG+23, DRB22, EPM23, LJS21, OGL+21, PNL+24, PSK+24, RSS25, ZAW+21]. **arctangents** [BTW20]. **area** [ZDG+21]. **ARGES** [LS21b]. **argon** [BCF+24]. **argument** [RCGS25]. **arithmetic** [SC20]. **ARM** [OLNG21]. **army** [KDH+25]. **arrangement** [MRG22, RAJ+24]. **Array** [BBLB+25, CSW+25]. **arrival** [Hor23b]. **arrival-time** [Hor23b]. **ARSENY** [GSV23]. **art** [KMM21, KM20, KMS20b, SKM+21]. **ARTEMIS** [JYL+23, TDR+20]. **ARtificial** [UMA21, LPSK20, SWZ23, YKYK23, KHKL24, MDL+25, PMSHG23, ZHI23]. **artificial-neural-network** [KHKL24]. **ARUZ** [KHR+23]. **Asparagus** [TVSM25]. **aspects** [JWK+21]. **assemblies** [SDP24]. **Assessing** [DTGE21]. **Assessment** [HA21, IYC+24]. **assignment** [FN21]. **assimilation** [CCW24, CMLA25, MMYU22, WYZ25, ZX25]. **assisted** [CBR+25, HPRS23, HR25, RBWD+25, WNV+25, ZFXW25]. **associations** [KM25a]. **ASTI** [MMYU22]. **astroparticle** [LFZ20]. **astrophysical** [RDC+20]. **asymmetric** [SJY18, SJY20]. **asymmetry** [BMM21]. **asymptotic** [GP25]. **atmosphere** [ST25, SKS25]. **atmosphere-fire** [ST25]. **atmospheric** [GSL+23, HA21, RAJ+24]. **Atom** [LCL+23, CLZ+21, FN23, HQF+20, HLzY+20, LHTP+24, PBK21, Pos22, SCT21, YNMR24]. **atom-atom** [PBK21]. **Atom-centered** [LCL+23, HLzY+20]. **atom-laser** [FN23]. **atomic** [BPMS25, BCS25, ČPF+24, CKP+25, FMCB+20, Gai20, GK21, GTE21, GLSH21, GOCSS+23, GVV22, GSV23, Hor24, KRL+24, LHG+25, LWS+23, LLL+24a, LU21, MMV+24, RSPJ21, RPG+20, SKS25, SZL+25, TAB+22, UZB22, YT23, YKY+22, ZRH21]. **Atomistic** [Che23, ZLLZ25, ART+20, CFB+25, CGZ+20, CZTF23, IGL+24, JSW25, MKPW21, MKPW22, SKC21, WLF+24, Wan25b, WBK+24, YZ20a]. **atomistic-to-continuum** [Wan25b]. **AtomREM** [NA20]. **atoms** [BAB+20, HY23, KL25, LWC+21, OAB+25, RZY+24, RZ23, SJP21a, SLLA22, TNL+22, WLF+24, ZLMH23]. **A}Tools** [YNV22, YNV23]. **attention** [MZM+25]. **attenuation** [GRCT20]. **attice** [FFTV23]. **Attosecond** [GM24, Koz23, LN25]. **attribute** [ZMK+25]. **augmented**

[HM24a, HM24b, PLL24, WT22]. **August** [Ano20b, Ano21b, Ano22b, Ano23b, Ano24b, Ano25b]. **Aurora** [STS+25]. **auto** [BS23, TAGC22a, WAR+25]. **auto-correlated** [BS23]. **auto-differentiable** [WAR+25]. **autocorrelation** [OB25]. **AutoEFT** [HS24]. **autoencoder** [FCdNA25, YLP+24, YLL+22]. **AutoEncoders** [BNL25]. **Automag** [GO23]. **automata** [SYFT23]. **Automated** [AUO+22, ATRD21, CLZ+25, DSW+23, GSBN22, HS24, HLM22, LJS21, SDA+25, VZ20, ZLV23, ABH+23, GAJK23, HBM+24, HGS20, LSSW25, LBM+23, LEL+22, MOA24, WLLS25, YLH+20, ZL25]. **Automatic** [DIAA21, DR21, MMM20, CRZ25, CGZ+20, CZB+23, Che25, FTRZ25, GO23, XLG+23, CKS25]. **automatically** [KKSV24, TGO25, WYZZ23]. **automating** [UMA21]. **automation** [GAS+23]. **automatized** [WGGC22]. **autonomous** [RCH24, TVSM25]. **AutoPas** [GSBN22]. **autoregressive** [BKS22, BCK+26]. **autotuning** [KMM21]. **Auxiliary** [MVK+24, Bag22, EAOSY25, GJA21, LM23, WYT23, YK21a]. **auxiliary-field** [GJA21]. **averaged** [MOMO24, MOMO25]. **averaging** [MPSK21]. **avoiding** [WGS+22]. **Aware** [DS22, CL25a, CKD+25, GEM+25, NDM+25, PYH+25, SSO+25, VLHC25]. **AX** [FLW+23]. **Axial** [RSM21]. **Axially** [MSN+22]. **Axially-deformed** [MSN+22]. **axisymmetric** [BJS+23, CCW+25, CEC+24, FASM24, HSB+24, MPS25, WZD+25]. **azimuthal** [LAD+21].

B [CCK23, AGH21, WGG20]. **B-spline** [WGG20]. **backend** [WF25]. **backend-agnostic** [WF25]. **background** [BKO20, MGC+23]. **backscattering** [LGK+22]. **backward** [MM22, NVT25]. **Baer** [Dau23]. **Baer-Nunziato** [Dau23]. **balance** [TPW+25]. **balanced** [CEKR24, MA24]. **balancing** [GSZK24, MLT+21, TPK+21, ZHZG23]. **Balitsky** [CKS25]. **ballooning** [TW25]. **Band** [RMFB23, WXZH24, BFD22, BMI23, CL20, DSQ23, GLN23, IMB+22, MFB23, OKZ25, SLZG20, SLL+24, WZZS21]. **bands** [CWC25]. **bandstructure** [LKP24]. **Bang** [AAHJ20]. **Bardeen** [PTD20]. **Barna** [RMCC22]. **barycentric** [CH25, WVK21]. **baryon** [BMM21, DH20, Du25]. **baryon-rich** [Du25]. **Base** [TL20]. **Based** [MBF+24, AZH+24, AAG+20, AUEO25, ALBL25, ABGD+20, ACD+22, AMA+20, ASC+24, ASK+25, BCHE21, Bar22a, BFCR24, BCS25, BCGT24, BL25a, BTW20, CP25a, CDD22, CL25a, CLS22b, CZWE23, CWZ+24, CTPS22, CDC+25, CL25b, Dau23, DYH+25, DFU20, DP21, DSQ23, DSY25, DGHA25, ENK24, FN21, FAZ24, FCdNA25, FGMW25, FJ22, FYW23, FLW+23, FMBD22, Gal22, GFML25, GDK21, GAGO21, GdPSH25, GTB24, HPY21, HL21, HTL+22, HT20, HWL+23, HFP21, HWZ24, HWAA22, Hor24, HBM+24, HLCD20, HLZH25, HHT+24, IYC+24, IJVJ21, JLW24, JKSY22, JSKY25, KKLZ23a, KKLZ23b, KTF22, KRJ23, KPR+24, KMN21, KSF+22, KHR+23, KR23, KL23b, KKB+24, KM23, KRE22, KG21, KKB+25, LEE+24, LMRN25, LGX+25, LGDF20, LAD+21, LLC+23, LWS+23, LZZ+25, LSL+25,

LCCC25, LY24b, LLL25b, MTW+24, MHÅ21, Mag25, MMCC+22, MEDT+23, MA25, MSU+21, MMV+24, MBCC23]. **based** [MPS25, MSM24, MRD23, NSY+23, NFB+26, NJSY22, NY25, OIA+20, OBGA24, OAB+25, OSK+21, OLNG21, ONH+20, PMS+20a, PP24, PAL+20, PARB25, Pen24, PM21, PCS+20, QCZ23, RMCC22, RZY+24, Di 22, RSS25, RBM25, SKEZ24a, SRC21, SDP24, SLB+23, ScQYL25, SZL+25, SLW+25, SCZP+25, SBG23, SWTC23, TCY+21, TPS+24, TAB+22, TLC+21, TSB26, UD24, VPPQ+24, VTW+25, VB22a, VLHC25, VV21, eSdSBST21, WZX+25, Wan25a, WHY+25, WAET22, WGWG25, WPMK21, WVK21, WKJB23, XZYS25, XFH+22, YBZ+25, YFL22, YCCW23, YKK+23a, YSX+20, YZHL22, YKSH20, YMCF23, YK21b, YKK23b, YZZ+23, ZWC+20, Zha20, ZRZ+21, ZWZ+22, ZGF+24, ZLY24, ZLWBH25, ZRH21, ZXWY25, Zho23, ZHZG23, ZCS+24, ZNW25, ZCL+25, ZZZ+25, DGHA25, SKEZ24b]. **bases** [HY23, ZRH21]. **Bashforth** [TSL21]. **Basic** [Gro22, HW22]. **Basics** [BC22]. **basis** [DLW25, DEV20, FASD20, HLQL25, HLzY+20, JV25, JZW+22, LM22, MSN+22, MLD+22, MSHP02, MSHP20, VCHH23, VTB+21, WGG20, YJLW21]. **Basset** [UCSR25]. **Batched** [HW22]. **Bateman** [CLEPF22]. **bath** [CLY22]. **batteries** [LLL+25a]. **Bayesian** [CV21, KKP22, ABF+25, HGS20, KWB+25, MTY+22, NG21, RBS+25, TV24, WYZ25]. **BaZrO** [DSW+23]. **BCS** [RSM21, Jia20]. **BDDC** [SFS22]. **BDK** [KMS20a]. **BDSIM** [NBS+20]. **beam** [App25, MGC+23, PK24, TLC+21, TCcN23, ZDJ25]. **beam-target** [TLC+21]. **beams** [HTL+22, PMSHG23, SKEZ24a]. **BEC2HPC** [GTA21]. **BECs** [SCL22]. **BEEC2.0** [YZW22]. **behavior** [JLL+24]. **behaviour** [LP24, MES+24]. **Behler** [vdHKB+23]. **Bell** [MBDD25]. **Belle** [BBB+21]. **below** [ASK+25, SCAP24]. **belt** [DRM20]. **belts** [NS20]. **Benchmark** [KFPV21, SNP+20]. **Benchmarking** [ASA+22, JHH+25, MGC+23]. **benchmarks** [KPL+21, SCZP+25, WKR23, ZJM+21, ZRH21]. **Benz** [ODU24]. **BerkeleyGW** [LACL24]. **Berry** [RCP+24]. **BESLE** [GPM+21, GM26]. **Bessel** [CCK23, GDB10]. **Best** [TPW+25, CL25b]. **beta** [AG23]. **Betaboltz** [RCB21]. **Bethe** [JWK+21, LG21a, SA23, SA25, ZAW+21]. **BetheSF** [LG21a, LG21b]. **between** [BMREC21, BLN+21, CXCZ23, Efr20, Efr21a, JSW25, MRT+22, Tan23, UZB22, YLL+22, ZJM+21]. **beyond** [AFJ+23, COJ+22, DDM20, KKSV24, MSG+21, Par25, PIFPA+25, UMA21]. **Bézier** [ET24]. **BGK** [LSW+20]. **BGSDC** [TBAR21]. **Bhatnagar** [FJ22]. **bi** [BA24, GJEA25, LLH+21b]. **bi-anisotropic** [LLH+21b]. **bi-directional** [BA24]. **bi-Lebedev** [LLH+21b]. **bi-particle** [GJEA25]. **bias** [JP24, WNV+25]. **bias-free** [JP24]. **biasing** [PYT+24]. **BiconeDrag** [SPTPR21]. **bifold** [Kar23a, Kar23a]. **Big** [AAHJ20]. **Big-Bang** [AAHJ20]. **bilinears** [MCKN25]. **billion** [CLZ+21]. **BIMBAMBUM** [SSPF24]. **bimetric** [Tor20]. **bimEX** [Tor20]. **binary** [LLT+23, LLQ+23, LB24, NDFL24, VHBK21, ZLLM23, ZCWY20]. **Binding** [DSQ23, JPJ+23, KVSC21, LZK+23, NKP20, WPMK21, ZYLY22, NKP20].

BinPo [MFB23]. **bio** [COJ+22]. **bio-shield** [COJ+22]. **biofilm** [OCE+23]. **Biofilm.jl** [OCE+23]. **biological** [HTM+25, Usu25]. **biomedical** [MVF20]. **biomolecular** [DCZ23]. **biophysical** [PNL+24]. **Biot** [SSH+23]. **bipartite** [CL22a, MBDD25]. **Bipolar** [WSK+22]. **Bit** [Fis24]. **Bit-twiddling** [Fis24]. **Black** [BLN+21, KWB+25]. **Black-box** [BLN+21]. **blackout** [GSL+23]. **blade** [KKY24, GLMW25]. **BLAS** [HW22]. **blende** [HLCD20]. **blended** [Wan25b]. **blends** [BMR+24a]. **Bloch** [OAB+25, GLB+21, JV25, MONW21, PW25, RCP+24, RJ21]. **Bloch-state** [JV25]. **block** [Cos22, GLMW25, HSSC25, LSS+25, RAJ+24, UJ21, WWZ+25, ZJ23]. **block-pressure-velocity** [UJ21]. **block-structured** [HSSC25, WWZ+25]. **block-triangular** [GLMW25]. **blocking** [AWV22, AWV24]. **blood** [LCCC25, XZYS25, ZMC23, ZHZ+23]. **blowup** [HWZ24]. **Blume** [BBF+25]. **Bluues2** [SOH+23]. **BNP** [CCG21]. **BO** [BXW+25]. **BO-KM** [BXW+25]. **board** [AAG+24, Ano20e, Ano20f, Ano20g, Ano20h, Ano20i, Ano20j, Ano20k, Ano20l, Ano20m, Ano20n, Ano20o, Ano20p, Ano21d, Ano21e, Ano21f, Ano21g, Ano21h, Ano21i, Ano21j, Ano21k, Ano21l, Ano21m, Ano21n, Ano21o, Ano22d, Ano22e, Ano22f, Ano22g, Ano22h, Ano22i, Ano22j, Ano22k, Ano22l, Ano22m, Ano22n, Ano22o, Ano23d, Ano23e, Ano23f, Ano23g, Ano23h, Ano23i, Ano23j, Ano23k, Ano23l, Ano23m, Ano23n, Ano23o, Ano24d, Ano24e, Ano24f, Ano24g, Ano24h, Ano24i, Ano24j, Ano24k, Ano24l, Ano24m, Ano24n, Ano24o, Ano25d, Ano25e, Ano25f, Ano25g, Ano25h, Ano25i, Ano25j, Ano25k, Ano25l, Ano25m, Ano25n, Ano25o, Ano26a]. **bob** [SPTPR21]. **bodies** [WF25]. **Body** [GBJ+21, ATRD21, DC22, DG25a, GJEA25, IYP+25, JDS20, KWK+21, MAJ20, MOY+25, NTO24, OS24, PPKK21, RMM21, SGL+25, Xav22, XBL+20, ZYHH25]. **body-of-revolution** [NTO24]. **Bogner** [CCK23]. **Bogoliubov** [ATRD21, CLS+22a, MSN+22, SKDH24, SJCD25]. **Boltzmann** [ASC+21, AHP21, ANS25, AS24b, BBA+20, CK20b, CKT21, CL25b, DCSKM25, DACA+22, DAS+25, DCZ23, GFML25, GSM25, GMX+25, JES25, JMOC21, KFPV21, KBSH20, KAS24, LFL+24, LSS24, MWJL23, MD21, NL23a, PPR+21, PLSB22, QCZ23, STA20, SS25, ScQYL25, WJB21, WWB22, WHB21, WWZ+25, WA21, WWS+25a, WWS+25b, WKR23, YCCW23, YSI+24, YM21, YD20, ZPZH20, ZPL+24, ZCD+25]. **bond** [HLCD20]. **bond-orbital** [HLCD20]. **bonded** [VXT+23]. **boom** [EOR21]. **boosting** [CFL+22]. **Bootstrapped** [ZJ23]. **BORAY** [sXBkB+22]. **Boris** [DML23, ZK20, ZK25]. **born** [ZJM+25, SOH+23, XZLX20]. **Bose** [BKRG22, KRG21, MBA21, RVM+21, SKDH24, SJCD25, ŚGBK26, WCSW25]. **boson** [BHH+20, DDM20, KKM+20, SZ23, GKIB21]. **bosonic** [LDUN25]. **bosons** [AKK+24, ABB+22]. **BoSS** [GKIB21]. **both** [RVRT22, TPW+25]. **bounce** [GNP20, HZ25]. **bound** [GTMB21, MZ22]. **Boundaries** [LM21b, DdMS25, FBMD20, GPN20, NR21, TS23, XSM22]. **Boundary** [GPM+21, GM26, AUEO25, ATC+23, BL25a, BS25b, DCSKM25, ELSV24, FYW23, FMHH24, GVV22, HPAW21, KD23, LY25a, MD20a, MVF20,

NL23a, NFB+26, NZA25, PLL24, PCL24, Pod25, RZH22, STA20, SP20, SvdW24, SXYD24, SW25, TCD20, TTM22, VSVV25, WXY20, WHH25, WWZ+25, WXZH24, Yan21a, YSI+24, YSX+20, YXX+21, YJ24, ZPZH20, Zha20, ZPL+24]. **boundary-cascaded** [ZPZH20]. **bounded** [BHC+25, DAC+23, HPAW21, XCC+25]. **bounding** [TÁFAB+24]. **bounds** [MBDD25]. **Boussinesq** [TL20, TSL21]. **Boussinesq-type** [TL20]. **BOUT** [DKM+24, SDXY23, WXW+21, ZSqXY21]. **box** [BLN+21, KWB+25]. **BP** [LJC+25]. **brackets** [CLVV22, Efr21b, Efr23, FHD25, SMGK21]. **Braginskii** [BJL+24]. **Bratu** [Ano20c, KK16]. **Brazilian** [CCG21]. **break** [ASK+25]. **break-up** [ASK+25]. **breakdown** [CHA21]. **breast** [BSG+21]. **Breit** [HA23, WBvdH20]. **BREMS** [Pos22]. **bremsstrahlung** [EMM+23, Pos22]. **bridge** [WHSG24]. **bridge-inspired** [WHSG24]. **bridging** [Yan23]. **brief** [LSY+25]. **Brillouin** [Dür23]. **BROADCAST** [PCS+23]. **broadening** [Bul21]. **Brownian** [ASRM25, DG20]. **Brute** [JRG21, XSM22]. **brute-force** [XSM22]. **Brute-forcing** [JRG21]. **BSHF** [WGG20]. **BSM** [BBH+23, PAM24]. **BSMArt** [GJ24]. **BSMPT** [BMM21, BBM+25]. **BTE** [RMCC22]. **BTE-Barna** [RMCC22]. **bubble** [SSPF24]. **bubbly** [LMHL20]. **build** [ENPMRSV25, IGL+24]. **building** [MPH+24, ZY25]. **bulk** [DAA+24, SLDF+21, WGS+22, MMC+22]. **buried** [CML+24]. **Burn** [ZYG21]. **Burn-up** [ZYG21]. **Burnup2.0** [ZYG21].

C [ADC+21, CBB+25, CL25b, Dan23, DH22, DLD+21, FXZT21, FTG23, GCK21, Kar23b, KMU+23, Koz23, MVF20, Sai25, SW23, UMA21, WGWG25, ZGK+24]. **C#** [Gro22]. **C-code** [GCK21]. **C1** [ZJM+21]. **Cache** [AWV22, AWV24]. **caching** [PWC24]. **CAD** [OBGA24]. **CAD-based** [OBGA24]. **Cadabra** [CFPS23]. **CAGE** [RHW+21]. **Cahn** [CZY20, CY24, KSF+22, KHKK25, LM21a, LHC20, TCY23, Yan21b, YWK+24]. **Cahn-type** [TCY23]. **CALANIE** [MD20a]. **Calc** [BMR+23, BMR+24b]. **calculate** [DZZ21, Efr20, GTE21, LL23, PB23, ZIM+25]. **Calculating** [BGH22, GBH20, HNOW25, AAHJ20, BGHC23, CL20, CSW24, FO20, FO21, GO23, GBR23, HTL+22, HHT+24, Jab20, KSG22, LSC+25, LKP24, LTL+25, LLS+21, LLZ+22, MKPW21, MKPW22, RPG+20, SLZG20, SP23, ŚGBK26, YKSH20]. **Calculation** [BRHT21, Efr21a, Efr21b, SLLA22, SMGK21, UZB22, WKBW21, ZYG21, AUEO24, ARPB26, BRAC23, BMR+24b, BND22, CL21, DCRF23, DS20, Du25, ENK24, FASD20, GTMB21, JKST22, KvdW20, KKLZ23a, KKLZ23b, Kar23a, KT23, KM20, KMS20b, LKYH25, LYC20, LEL+22, LHG+20, MMC+21, MMP+24, Mar22, MPZB+24, NZA25, NAZ+21, NAZ+22, Och23a, Och23b, OYC24, Ols23, Pos22, SK24, SJP21a, SLBN26, SDV+25, TMC22, TB20, UO20, WGGC22, WLLS25, XOTI22, YBZ+25, ZJM+25, BMR+23]. **calculations** [ADW+23, AAMY23, AJW+21, AM21a, ABD+25, BHH+20, BPMS25, BR20a, BLN+21, CLY22, CFBRE24, CFBRE25, CFB+25, CMS22, CPG+25, Cas24, ČPF+24, Che25, CKP+25, Dan24, DvHSdS22, DG25a, DGHA25, Fon21, GFML25, GdPSH25, GM20, HY23, Hor24, HMW25,

IJVJ21, Jab22a, JPJ+23, KCS22, KSL+25, LVB22, LWS+23, LLS+21, LG23, MBJB24, MBC+24, MAJ20, Mil25, MSHP02, MSHP20, MDR+20, NVCS23, OKZ25, PAG+25, DARJ23, Pot24, RDV+20, RCP+24, RG21, RSPJ21, RTRB21, SY20, SOW25, SPC25, SMB20, SLL+24, SXW+20, SDL+21, SZL+25, SC22, SOH+23, UMA21, VCF22, VvBTH20, WZZ+23, WXZH24, YT23, YHY+21, YLH+20, ZGSW24, ZGK+24, ZRH21, ZHM21]. **calculator** [ABH+23, FCTFR20, Kut24, MMKJ25, MBTB21, SKEZ24a, UAS22]. **calculus** [BSK+22, CLEPF22, KMR22]. **CaLES** [XCC+25]. **calorimeters** [ABF+23b]. **Camassa** [ZYXC24]. **can** [SWZ23]. **canonical** [CBR+25, LXYG25]. **capabilities** [KGT22]. **capability** [FA20a, MCB+20]. **capacitively** [JĎD+21, LZZ+25]. **capacitively-coupled** [LZZ+25]. **capacity** [LHWX24]. **Capel** [BBF+25]. **capsules** [TKC+21]. **capture** [TAE+21]. **capturing** [LF24]. **Caravel** [ADC+21]. **carbon** [PK24, PWC24]. **cardiovascular** [AFB+24a]. **Carlo** [DVB+25b, ABGD+20, ASPDL+21, ASPDL+25, ACD+22, AJW+21, BRAC23, BB21, BCF+24, BKO20, BRA+25, BKS24b, BIK+21, BKBL22, BKG+23, CCM20, CRZ25, CCW+25, DRSZ23, DDM20, DdCAG23, DVB+25a, ELSV24, FXQS21, GJA21, GAGO21, GHK20, HT24, HLMB24, HQF+20, Hua23, HSMR+24, Ilt21, JWW+23, JKKN23, JĎD+21, KOT23, Kal20, KM25b, Koł22, Koł23, Koł25, LEE+24, LMWW24b, LAC21, LTMK21, LS24, LGZ+25, LLL24b, LC24, LAC+25, LHWX24, MMM23, MDL+25, Mil25, MT23, NL23b, Nie22a, NVT25, OHMK25, OBL+21, OB25, PAZ+22, PLT+23, PYT+24, PPR+21, PYH+25, PC21, QLX25, RSC+22, RCB21, Roh22, SNP+20, SJP+21b, SKS25, SHS22, SNG20, SLIC24, SFG+25, TAY+24, WAN+22, WSRO24, WZPW20, YLK+20, ZLH+25, ZHS+20, ZDLS21]. **Carlo-effective** [PC21]. **carlomat** [Koł25]. **carlomat_4.0** [Koł22]. **carrier** [KP25, TQGE23]. **Cartesian** [HG22, LEE+21a, RVRT22]. **Cascade** [CB25, CLZ+21, SZY+22]. **Cascaded** [AHP21, ZPZH20]. **cascades** [BKO20, EES24]. **case** [ABFP24, Jia20, TPS+24, VG25]. **catalysts** [RSC+22]. **Catalytic** [KBSH20, LFP25]. **catastrophic** [TC26]. **Causal** [Bel24, CDT22]. **cavitation** [SSPF24]. **cavities** [BBA+20, DKRSR22, WYHW24]. **Cayley** [SPG25]. **CBM** [GBJ+21, SCF20]. **CCA** [TCY+21]. **CCS** [KWK+21]. **CDFTPY** [VCF22]. **CDPDS** [KR23]. **CDT** [BLG24]. **cdugksFOAM** [WLZ+24, GWZ+25]. **CEL** [JHH+25]. **Celebrating** [SHB+20]. **Celeris** [TL20]. **Cell** [FAL21, YYC+23, AL24, ACT25, ASC+24, BCHE21, BC21, LLG+24, BTK24, sCyW25, CTZW23, CCW+25, DBH+22, FN21, FYM+22, GTB24, HSSC25, HFLT26, KRCY25, LMX+21, LAD+21, LM20, LSL+25, LZLT25, MFS+22, MRTL25, Mar22, MRH+23, MLT+21, NTO24, OCR+22, PSMRS+23, PGYF21, RC23, SXYD24, SCZP+25, SWB+23, TWR21, Ume22, XSM22, XHY+24, YC20, YWX+23, ZK20, ZDSS23, ZLS+22, DFG+23, DWD+24, FAL20, FA21, KG21, OGL+21, SAC+21]. **cell-centered** [PGYF21]. **Cell/Monte** [JĎD+21]. **CellListMap.jl** [Mar22]. **cells** [BMP+24, LLR23, ZHM+24]. **cellular** [SYFT23, XZYS25]. **Center**

[SMO+20a, BKP22, BJS+23, BLN+25, GDS+21, LM22, MHP23, SSB+23, XQ21]. **center-evolving** [LM22]. **centered** [HLzY+20, LCL+23, PGYF21]. **centering** [ZLS+22]. **central** [AAG+24, For22, GST21, WGG20]. **centrality** [YZL+23]. **CepGen** [For22]. **cepstral** [EBBB22]. **ceramic** [WLLS25]. **cerebral** [dMMLOS20]. **Cerman** [MHÅ21]. **CERN** [KGSL25]. **CESE** [SZW25]. **CFD** [ADF+22, BBA25, LSS+25, PCS+23, SJWL22, ZGF+24, AFB+24a]. **CFL** [TÁFAB+24]. **CGMF** [TSJ+21]. **CGNSDE** [CCW24]. **Chain** [HSMR+24, HQF+20, LWhK+20, LTMK21, MMM23, VFS23, WGS+22, EGKH24]. **chains** [EGKH24, LF20]. **chalcogenides** [SKS24]. **chambers** [BIL25, TAGC22a]. **Chandrasekhar** [Jab20]. **Change** [BFG24, PARB25, RSD20, SRT+20]. **channel** [CGV+22, GOS+22]. **channeling** [Nie20]. **channels** [ABWZ23, CMS24]. **Chaos** [GBJ+21]. **chaotic** [SRML20, ZL25]. **Chapidif** [VG25]. **Chapman** [JHH+25]. **character** [YZ20a]. **characterisation** [ANU21]. **characteristic** [SvdW24, WZX+25, XDF20]. **characteristics** [CL21, CTPS22]. **characteristics/diamond** [CL21]. **characteristics/diamond-difference** [CL21]. **characterization** [HMM22, SLBR22, vTDGCR21]. **Charge** [KP25, BTK24, DBM+24, FN21, HTM+25, KKLZ23a, KKLZ23b, OCR+22, RC23, SWB+23, ZJM+25, ZPL+21]. **charge-conserving** [FN21]. **Charged** [KKSV24, TGGC23, AAD+24, BFL+22, HAO+25, NJT24, NJT25, SLP+22, SLLA22, SA23, SA25]. **charges** [FH22]. **charging** [SE25, WSK+22, YFL22]. **chebgreen** [PBE25]. **Chebyshev** [BND22, LS22]. **chemi** [Nis23]. **chemi-topology** [Nis23]. **chemical** [AHM+23, BRA+25, DF25, FCTFR20, FGC+26, FBC+21, LLL+24a, MPZB+24, MV25, RCX24, RHW+21, SRS+25, SVJ+24, ŻTR+22, CV21]. **chemically** [CZWE23, Gal22]. **chemicals** [BBV23]. **cheminformatics** [BBV23]. **Chemistry** [GM24, BLN+21, CNS22, DBE+24, GSZK24, Koz23, OCE+23, PM21, RAJ+24, XFGS24]. **chemtrain** [FTRZ25]. **Chern** [GBR23]. **chi** [GST21]. **chi-square** [GST21]. **chip** [DHK+21]. **CHIPR** [RV20, RV21, Xav22]. **chiral** [LU21, YLL+22]. **Chirally** [HHT22]. **choice** [SRK+24]. **Christoffel** [Her25]. **Chromodynamics** [KK20]. **Chrono** [ZTV+24]. **CI** [BCS25]. **cij** [LDW+21]. **CIMBA** [Ilt21]. **circuit** [OV23, YWX+23]. **circuits** [WWS+25a, WHSG24, dBBVA20]. **circular** [NG21]. **CITDSE** [FN23]. **CKBIT** [CV21]. **CLAS12** [TAGC22a, TAGC22b, TGGC23, TGIM23]. **class** [FYW23, GGCW24, YZW21]. **Classical** [MBDD25, TNL+22, GSV23, KF23, PSK+24, SLLA22, VCF22, XQ21]. **Classification** [SLL+21, BBA+20, DR21, FSC+25, Nis23]. **classifiers** [KHKL24, VEHCM21]. **Clean** [ZL25]. **cleaning** [CC25]. **Clifford** [KF23]. **Clinamen2** [WBK+24]. **clinical** [BSG+21]. **CLIP** [UO20]. **cloak** [WLCY25, YWM23]. **closure** [BJL+24, JHH+25, LMMP23]. **clots** [ZHZ+23]. **cloud** [RMM21]. **CLSVOF** [MPS25]. **CLT** [WZD+25, ZJM+21]. **CLT-fx** [WZD+25]. **clumps** [OAP+24]. **Cluster** [Nis23, ZZC20, ASRM25, CHY+24,

CDC+25, DRSZ23, HAM+20a, PPKK21, YX24, ZWG+24]. **cluster-based** [CDC+25]. **cluster-cluster** [DRSZ23]. **clustering** [BDC+25, sCyW25, DR21]. **clustering-merging** [sCyW25]. **clusters** [LHG+25, Wan25a]. **cm** [FYM+22]. **CMInject** [WAK22]. **CMS** [TPS+24]. **CNOK** [SW23]. **CNUCTRAN** [BOSM24]. **coagulation** [WNS+21]. **coarse** [JSW25, MBCC23, NA20, OCK+24, ZKZ+24, Zho23]. **coarse-grained** [MBCC23, OCK+24, ZKZ+24]. **Coarsest** [EVFRHR23]. **Coarsest-level** [EVFRHR23]. **coastal** [GRP+25]. **coaxial** [YMCF23]. **Code** [ODU24, OGL+21, RSM21, VXT+23, YX24, ZYG21, ASS+24, AAG+20, AAA+25, ABGD+20, ANS25, ARLDG24, AMA+20, AAHJ20, ASC+24, BJL+24, LLG+24, BFD22, BFCR24, BCTS22, BDA+20, BBMS25, BCSS24, CR20, CFBRE24, CZA+23, CAC+22, CAWK22, CB25, CZS+21, COJ+22, CTZW23, CZB+23, CKC+21, CMS24, CESD+23, DF25, Dan23, DDW25, DMS+22, DIK+23, DFU20, DSQ23, DBH+22, DHE+24, Dry21, DBdFdSR21, EBBB22, EES24, FMCB+20, FFTV23, FAL20, FAL21, GP25, GRCT20, GSC+26, GC25, GCK21, GBD+22, GLN23, HBB+25, Hua24, JKST22, Jia20, Kal20, Kar23a, KAB+21, KWZ24, Ken25, KJL+23, KRCY25, KBH+24, KMU+23, KDK23, KT23, KSIL22, Koz23, KAG24, Kul20, LEE+24, LOT+20, LG23, LHSW+25, LVMGF+23, LDW+21, LJS21, MG22, MGX24, MTW+24, MFB23, MPS+24, MBC+24, MRH+23, MSU+21, MHP23, MAMK21, MXH+24, MDR+20]. **code** [NUK+22, NSY+23, NBS+20, NL23b, NDFL24, Nis22, Nor23, Och23a, Och23b, OAP+24, OLNG21, PP23, PP24, PBG+25, PLSB22, PWC24, RMR+22, RCP+24, REZS25, RV20, RV21, RdMS25, RMFB23, SLK23, SMA24, SP23, SCZP+25, SHW+21, SPF21, SZNW23, SFP+26, SBB+24, SW23, TW25, TSJ+21, TMC22, TCSD24, UÁEPGBP24, WKBW21, WXL+21, WXX24, XSM22, sXBkB+22, XHY+24, YHH+20, YGSW21, YLK+20, YJ24, ZMC23, ZJM+21, ZDSS23, ZXW+22, NUK+22]. **code-generation** [LJS21]. **codebase** [WZH+25]. **codes** [BMREC21, BPMMP24, BCS25, sCyW25, DRM20, ESS+25, Hua25, LSF23, MLT+21, MT23, PSMRS+23, SRT+20, SJCD25, SMO25, SAC+21, TWR21, ZZS+25]. **coefficient** [HKHY25, LN23]. **coefficients** [DLD+21, Efr20, Efr21a, EBBB22, GF21, MBTB21, NRKA22, ÖAÖ24, ÖAÖ25, PDD24, TAE+21, XLX+24]. **COGENT** [KDK23]. **coherent** [Jia20, KMBP24, MR22, MS24, Roh22]. **coherent-pair** [Jia20]. **cohesive** [ScQYL25]. **cold** [BGW+22]. **ColESo** [Bak23]. **collaborative** [ANS25, DBBP23, WLL22]. **Collection** [Bak23, Pot24]. **collective** [ASA+22, GLW+23]. **collider** [GPD+22, YZW22]. **colliders** [JWW+23]. **collinear** [GOCSS+23]. **collision** [BDK+23, BKS24b, CCW+25, CKT21, CLZ+21, HAO+25, KSJ+22, KDK23, MRKY25, SNP+20, WJB21, WWB22, WGWG25, YW25]. **collisionality** [BJL+24]. **collisionality-extended** [BJL+24]. **collisionless** [App25, NBB+21]. **collisions** [Ada22, BCT20, BKBL22, CJD+20, For22, GBJ+21, GSV23, HAO+25, JĎD+21, MBH21, MEH21, NRG24, SLLA22, WLF+23, YZL+23, ZGK+24]. **collocated** [KFC+20]. **collocation** [FYW23, YNMR24]. **colloidal**

[BMT+20, BLM+22, DG20]. **color** [GG24]. **COLOSS** [LLR25]. **colour** [APST25]. **combination** [ADH+20, BRAC23, HT24]. **combinatorial** [JWK+21, TC26]. **combined** [ACD+22, HK24, HXD+25, LF24, LZP+24]. **Combining** [ZJC+25, LACL24, LJC+25, SHW+21, ZYML24]. **combustion** [Di 22]. **ComDMFT** [KSM+25]. **COMET** [YLK21]. **Comm** [AAT+20, Ano20c, MSHP20, SJY20]. **command** [Kut24]. **command-line** [Kut24]. **commensurate** [NNMJ22]. **Comment** [CCK23, Pen24]. **Commics** [PRS+20]. **common** [DAA+24]. **Commun** [FAL21, MKPW22, Och23a, YNV23, ZYX22]. **communication** [GSL+23, KMM21]. **Communications** [DVB+25b, HM24b, MOMO25, Pag24a, SGY25, BGR23]. **community** [YCC22]. **compact** [LJM+25, PLL24, WZX+25]. **Comparative** [Gag26, SKM+21, WZH+25]. **Comparing** [DAA+24]. **Comparison** [HWZ24, NCF+23, SLZ+24, TV24, TM24, EVMP20, GSLS20, ABF+25]. **Compatibility** [GOCSS+23]. **Compatible** [Sij23, BCD+21, OBC+24]. **Competitive** [ŚGBK26]. **compiler** [VB22a]. **complement** [ZYLL24]. **Complete** [CS22b, SCZP+25, YK21b]. **complete-search** [YK21b]. **Complex** [LLR25, ASPDL+21, ASPDL+25, ABD+23, LLG+24, BBMS25, CZS+21, CCW24, CL22a, DIKSN24, FCL+25, FSC+25, GFH23, HMR22, HKHY25, KHKL24, KDIN+23, KKB+25, LS25, LLT+23, LLQ+23, LWR25, LLH+21b, MD20b, NMA+25, NR21, PIFPA+25, SN23, SE25, SOW25, SXYD24, SFC20, SBP20, WZZS21, WXZ+24, WHSK24, WZK+24, YNDJ25, YMCF23, ZGF+24, ZYHH25]. **Complex-scaled** [LLR25]. **complex-valued** [CL22a]. **complexity** [GJA21]. **component** [ANS25, ABB+24a, BSC+21, DKM+24, HWL+23, YWTK23, Yev21, ZYXC24]. **component-based** [HWL+23]. **composed** [KAG24]. **composites** [BDR+20, FLK+20, SRK+24]. **compound** [NRK+21]. **compounds** [AMP+21]. **comprehensive** [BXW+25, GWA+23, MPS+24]. **compressible** [Bak23, BMSP21, BBA23, BBA25, BSC+21, CL25b, Dau23, DAC+23, GSL24, GB22, HMR22, HWL+23, HJGL22, JGSE25, KKB+25, LF24, LJH+23, LIG+24, LJS21, MA24, MZL+24, PCS+23, RLW+24, RCW+20, SPLD20, SKdSB25, Tan24, WZDL26, YGZG25]. **compressing** [CSW+25]. **compression** [LMHUR23, TW21b, VPS23, WXZH24]. **compressional** [WMS+25, YYC+23]. **compressive** [LLH21a]. **Comput** [AAT+20, Ano20c, FAL21, MKPW22, MSHP20, Och23a, SJY20, YNV23, ZYX22]. **Computation** [CT23, LY22, ADC+21, BV21, Bag22, BKOV25, CBCZ+25, DLD+21, GTA21, GST21, KF23, KGT22, KYH24, KD23, LG21a, LM23, LJM+25, LY24b, LLR23, MG22, MBTB21, MBDD25, PBK21, RZ23, SKdSB25, UÁEPGBP24, WLL+24, WZZS21, YYZ+22]. **Computational** [AMA+20, OSLC21, PRS+20, VHBK21, AFB+24a, ABB+26, BMREC21, BB24a, BMR+24a, BBA23, DBBP23, DBE+24, EL24, FZD+24, FLW+23, HPAW21, HPP23, LWS+23, LSF23, LP24, MOA24, MSM24, NAZ+21, Oti25, RGS+21, SHB+20, Tan23, TW21b, TRB20b, Wan25a, WMM+24, WNS+21, WSK+22, XFGS24, YNMR24, ZHM+24, ZLH+25, Gal22, OLNG21].

computationally [AGJ+23, BKS24a, RDZ+20]. **computations** [CLVV22, CDD22, CGR21, DNG+20, MMM20, RDR+20, RHLTG+22, Tor20]. **compute** [ESS+25, FGC+26, Ham20b, KKSV24, KMM21, LBM+23, MSH22, MFB23, MONW21, PAM24, RVRT22, SFBG20]. **computed** [WKJB23]. **Computer** [AGK+23, DVB+25b, GB24, HM24b, Jia20, MOMO25, Pag24a, PBK21, SGY25, SCT21, CZB+23, Dry21, EOR21, MPZB+24, NAZ+22, OYC24, SMO25]. **computers** [EVFRHR23]. **Computing** [BS25a, DEV20, TGBM22, TAE+21, BOSM24, BWY25, CR20, CZS+21, CCC20, CGV+22, DB24, EBNS22, FGMW25, GAS+23, GSV23, HYL+22, HTL+22, HXS20, HHVB21, HA23, Hid21, Hua24, HWT25, KIK20, KPL+21, LGBJ20, LY25b, LJS21, MCKN25, RJVM25, RSS25, SMO+20a, SLB+23, SCF20, TBAR21, Ume22, WXY20, WXL+21, WICA22, WCSW25, Xie23, XLX+24, YS22, YJLW21, dMMLOS20]. **concentrated** [PLSB22]. **concentrations** [BOSM24, TQGE23]. **concurrent** [AS24a, ZWC+20]. **condensate** [BKRG22, Jia20, KRG21, RVM+21]. **condensates** [MBA21, RPG+20, SKDH24, SJCD25, WCSW25]. **condensed** [Jab22b, Jab24, Sch21, Tan23]. **condition** [BS25b, CdBMdAS+21, MMP20, NL23a, RZH22, SvdW24, TÁFAB+24]. **Conditional** [CCW24]. **conditions** [CMS22, FMHH24, GVV22, HMM22, LY25a, MD20a, MDB+25, MVF20, PLL24, PCL24, Pod25, STA20, SP20, WXY20, WHH25, XZLX20, Yan21a]. **conducting** [HBB+25, LKYH25]. **conduction** [Bel24, LGX+25, MM22]. **conductivity** [AS24a, FO20, HYL+22, KMG+20, LDGN24, MMC+21, MPN+21, WLLS25, WLCF21]. **cones** [tZHM+25]. **confidence** [CTPS22]. **configuration** [AAMY23, CBB+25, CKP+25, GF21, LWS+23, PRR23, SLW+25]. **configurational** [BRAC23]. **configurationally** [GFH23]. **configurationally-complex** [GFH23]. **configurations** [CW22, IUJ21, LDGN24, LCB25, MMM23, Wan25a, sXBkB+22]. **confined** [MDHH25, WGS+22]. **confinement** [CBCZ+25, CW22, LLH21a, TKC+21, XSL+22, ZLL+24]. **CONFLUX** [ZIM+25]. **Conformal** [BFD25, Bzo21, HHT22, OKBM23]. **conical** [SPTPR21]. **conjugate** [AUEO24]. **connecting** [SZ24a]. **Conservation** [MM23, Yev21, HWAA22, LY24a, LCCC25, OCR+22, RC23, ZLK25, ZCL+25, ZZZ+25]. **Conservative** [FMHH24, sCyW25, CCW20, DTC20, Gon22, LOYS25, TCSA21, TCY23, WZX+25, WKR23, YZ20b]. **conserved** [CZY20, Nog21b, PYT+24, ZWP+22]. **conserving** [BC21, BTK24, FN21, KRCY25, PMK+23, Sij23, SWB+23, TIG+24]. **considerations** [CHA21, DG25b]. **Consistent** [vRCM21, BN20, BN23, DG25a, FH22, HTK24, IYP+25, KSM+25, KM22, Kut20, MHLY25, SE25, ZGSW24]. **consistently** [YWTK23]. **Constant** [Pag24a, FCTFR20, Pag24b]. **constants** [ARPB26, CT23, LLS+21, LLZ+22, LEL+22, NL23b, PB23]. **constitutive** [LLY+22, MEC+24, ZYY+26]. **Constrained** [GHK20, KWK+21, ZXWY25,

sCyW25, LVMGF+23, WLK+25, YKJ+24, DR21]. **constraining** [TRN+24]. **Constraint** [SE24]. **constraints** [AAHJ20, HLY25, KM22, Par25]. **constructing** [RBWD+24, Xav22, ZYL+23]. **Construction** [BLN+25, DZF25, HTS+21, Kor23, NNMJ22, SKS24, HS24, Kan24, Ols23, TVSM25]. **Contact** [MBCC23, DG25b, ZTV+24]. **Contact-based** [MBCC23]. **Contacts** [Gul20, MBCC23]. **containing** [HTK24]. **content** [May21]. **context** [EVMP20, TC26]. **continental** [Org22]. **continuation** [CH25, FBMD20, FMBD22, Hua23, Hua25, KH23, KM22, IHWG24]. **continuations** [BP25]. **continuity** [AIZ23, FN21, ZLK25]. **continuous** [HK24, LS22, MKHT20, PBE25, SNG20, WCSW25]. **continuous-time** [MKHT20, SNG20]. **Continuum** [SSB+23, GDS+21, JHH+25, STRF+20, SPS25, TAB+22, TCSD24, VV21, Wan25b, ZWZ+22]. **contour** [LLL25b]. **Contraction** [Dju20, YK21b]. **contrastive** [SY25]. **Control** [AAA+20, BB21, Cas24, COW24, CCW+25, JM24, KSP25, MOV21, RCH24, RHW+21, RBWD+24, RBWD+25, RRM+23, ZXWY25]. **controlled** [OS24, YP24]. **controlled-source** [YP24]. **Controlling** [BKB+21]. **CONUNDrum** [GM20]. **convection** [HA21, RSD20, SRT+20, XDF20]. **convective** [KKPC23, DYLV25]. **convergence** [ABFP24, DTGE21, JG24, TDD+25]. **convergent** [WLF+23]. **CONVERSE** [FGC+26]. **conversion** [ACKB23, PPK22, ŻTR+22]. **Converter** [ACKB23]. **Converting** [GT26]. **convex** [CBCZ+25, DG25b, LHG+20, MHK24a, Yan24a]. **convolutional** [GdLSB25, MZM+25, TAGC22a, ZZ25]. **COOL** [YGZG25]. **CooLBM** [ANS25]. **cooled** [ZLH+25]. **CoolFOAM** [FCSP20]. **cooling** [EBNS22]. **CoolProp** [FCSP20]. **CoOMBE** [PW25]. **Cooper** [PTD20]. **coordinate** [BR20a, CLS+22a, CCW+25, MSU+21, WH23, WXX24, YJ24]. **coordinate-scaled** [BR20a]. **coordinate-space** [CLS+22a]. **coordinates** [ALB22, BJS+23, CZB+23, DSY25, LZLT25, SSB+23, TW25]. **copolymer** [CZY20, LM21a, WXZ+24]. **copolymer/homopolymer** [LM21a]. **core** [CXCZ23, CL21, KMM21, OGL+21, SDL+21, WGJY25]. **corepresentations** [LZYY23]. **cores** [WWM+22]. **corona** [DBR24]. **coronaChargingFoam** [YFL22]. **corrected** [AKK+24, KKM+20, SA23, SA25]. **Correction** [QLX25, CS22a, JGSE25, MD20a, SvdW24, VSVV25]. **corrections** [BKG+23, KM20, KMS20b, WLCF21]. **correlated** [AMK24, BS23, HAM+20a, KSM+25, LKYH25, PAG+25, SP23, SX25]. **correlation** [BFE+25, Bzo21, LWZD25, PSK+24, SZL+25]. **CorrelationFunctions.jl** [PSK+24]. **correspondence** [WLZ+25]. **corresponding** [CGV+22]. **Corrigendum** [AAT+20, Ano20c, DVB+25b, HM24b, MKPW22, MOMO25, MSHP20, Och23a, Pag24a, SGY25, ZYX22]. **CORSIKA** [AAA+25]. **cortex** [dMMLOS20]. **COSE** [GLW+23]. **Cosmic** [MA25, DIO25, GB24, Mau20, MNS+24, SBG23, VPPQ21]. **Cosmic-Ray** [MA25, Mau20]. **cosmological** [Bar22a, CB25, VPPQ21]. **cosmologies** [AAHJ20, Kar23b]. **cosmology** [CFPS23, ABF+25]. **Cost** [RL21]. **Cost-efficient** [RL21]. **Coulomb**

[AB21, CXCZ23, DL24, RZ23, SSB+23, TRN+24, TNL+22, LLR25]. **counterflow** [YA25]. **counting** [GvdBdGN24, ZWG+24]. **COUP** [AKK+24, KKM+20]. **Coupled** [KR23, ASU+21, BKRG22, BGW+22, Car25, CZY20, CGV+22, CMS24, DGHA25, GTMB21, HLY25, JLL+24, JĎD+21, KRG21, KMBP24, KSF+22, Koz23, KFPV21, KBSH20, LM21a, LZZ+25, MEC+24, ST25, MPH+24, MVAXP22, MV25, MBA21, MASFP25, OCC23, PTH24, PBC+24, PPKK21, RVM+21, STRF+20, TWR21, VGGP+21, Xav22, XPF+24, ZYY+26, ZCWY20, ZS24, Zho23, ZCD+25]. **coupled-channel** [CGV+22]. **coupled-cluster** [PPKK21]. **CoupledElectricMagneticDipoles.jl** [MASFP25]. **Coupling** [MEDT+23, RSC+22, YLK+20, AG21, BRHT21, CFBRE25, CCC20, Dau23, FLW+25, Gai20, GF21, GOCSS+23, HTL+22, JMOC21, LLC+23, LACL24, ÖAÖ25, PDD24, SHRK22, TLC+21, WGJY25, Wan25b, WXZH24, XLL+22, XJZ+26, YD20, ZLH+25, Gai20]. **couplings** [HLM22]. **Covariant** [GJEA25]. **covariation** [HL21]. **CP** [LEE+21a]. **CP2K** [CL25a]. **CP3d** [GWA+23]. **CPAFT** [MHLY25]. **CPC** [SHB+20]. **CPL** [STRF+20]. **CPU** [ALBL25, BL25b, DMS+22, Dür23, GB22, HG22, PSK+24, RCX24, SBG23, ZYY+26]. **CPU/GPU** [BL25b]. **CPUs** [CZTF23, WWZ+25]. **CPUs/GPUs** [WWZ+25]. **Crank** [LNB23]. **created** [CBCZ+25]. **creation** [WAN+22]. **criterion** [MHÅ21]. **critical** [GO23, ZYG21]. **criticality** [PAZ+22]. **Cross** [SJY18, SJY20, AS22, AYB24, BFMA+24, CBCZ+25, DS20, Hor24, Jab24, Koł25, NMA+25, OSK+21, PYT+24, SY20, SLLA22, ST23b, WLL22, ZGK+24]. **cross-linking** [NMA+25]. **Cross-platform** [SJY18, SJY20, OSK+21]. **cross-section** [WLL22]. **cross-sections** [AYB24]. **crossings** [GSV23]. **crosslinking** [ZBS+23]. **CRPropa** [MA25]. **Crystal** [GK21, LS23, SY25, CFBRE25, Dan24, EGLK20, FPSZ21, FSC+25, GSC+26, Kor23, PRR23, RZ23, TCY23, YML+24, ZMN+24, ZX25, ZHS+20, dSOZ22, CZA+23]. **crystal-field** [CFBRE25]. **crystalline** [ESS+25, GBR23, HWT25, MPSK21, WLF+24, YLH+20, vTDGCR21]. **CRYSTALpytools** [CZA+23]. **crystals** [LLL25b, MSH22, SLL+24, SPF21, TRB+20a, WZZS21, WXZH24, ZYL+23]. **CSEM** [Yan23]. **CSL** [XSM22]. **CSPlib** [DIKSN24]. **CUBENS** [BHC+25]. **cubic** [Ilt21]. **CUDA** [BKP22, BLM+22, DS22, HVR+25, JRG21, JS24, NS20, STA20, SKEZ24a, SKEZ24b, WKJB23, XHY+24, YW21]. **CUDA-Aware** [DS22]. **CUDA-based** [SKEZ24b, SKEZ24a]. **cuFFT** [HT24]. **cumulant** [SPM+25]. **cumulative** [GST21]. **CUR** [LMHUR23]. **current** [CBCZ+25, EBBB22, FN21, HBB+25, LKJ+25, SWB+23, VTB+21]. **currents** [VPS23]. **Curvature** [KWK+21]. **curve** [ET24, ZLV23]. **curved** [BFD25, DCSKM25, Her25, PMS20b, YXX+21]. **curvedSpaceSim** [WS25]. **curves** [DZZ21]. **curvilinear** [ALB22, LZLT25, MSM24, PD23]. **custom** [Kan23, Kan24]. **customizable** [Mar22, ZTV+24]. **customized** [Wan25a]. **cutoff** [Mar22]. **CVODE** [PTH24]. **CWebGen** [APST25]. **cycle** [VTB+21]. **cyclic** [LF20]. **Cyclically** [CGR21]. **cyclotron** [DFP+20, FYM+22, WXX24]. **cylinder** [YA25]. **cylindrical**

[Flo24, LEE+21a, WXX24].

D [Pen24, YYZ+22, ALB22, ATC+23, BKP22, BRAC23, BGW+22, BBF+25, BFD25, CAC+22, CZS+21, CEKR24, CCW20, Dau23, DFG+23, DRZ+21, DBH+22, FLW+25, GTE21, GPM+21, GUW+22, GSL+23, GTB24, GOS+22, HBB+25, IGL+24, JLW24, JĎD+21, KWZ24, KNJ+23, LEE+21a, LGX+25, LS25, LLZ+23, LJC+25, LS22, LCCC25, LCB25, LLH+21b, MMP20, ST25, MPH+24, NUK+22, NSY+23, NT24, PMS+20a, PGYF21, RMCC22, RBFB20, Sch21, SP20, SCZP+25, SLDF+21, SCL22, SBB+24, TCSA21, WJB21, WWB22, WKBW21, WZC21, WT22, WWDM20, XFH+22, XLG+23, YNV22, YHY+21, YKY+22, ZGW20, ZL20, ZZ25]. **D-2V** [TCSA21]. **D-3V** [DFG+23]. **D-T** [LJC+25]. **D-VIRTUS** [MMP20]. **D-Wave** [WWDM20]. **D/3** [Dau23]. **DAMME** [RBWD+25]. **damping** [CFW+23]. **DAMQT** [KLM+22]. **Darcy** [DYLV25, Yan21b]. **Dark** [BHK+21, ABB+24a, Cel24, EMM+23, LSZ23, May21, PAM24, BCD+21, GUAD22, OBC+24]. **DarkNews** [AZH+24]. **DarkPACK** [PAM24]. **Data** [AAA+20, CFW+23, Gag25, HCAH+24, HSO+22, KvH21, MMYU22, MYM+22, SMC+22, TMR25, ALBL25, ACD+22, AES21, ANU21, BYL+21, BS23, CGG21, CCW24, CSW+25, CWZ+24, CMLA25, DR21, DFP+20, Dry21, FGMW25, Gag26, Gav25, GEM+25, GvdBdGN24, HGT24, HLQL25, Hua23, IHWG24, JKKN23, KvdW20, KIK20, KFHR24, LLL+25a, LM22, LSF23, LN25, OSE+20, PNL+24, PP21, PBE25, RDH+20, RSR+25, RdSH+24, SPTPR21, SPR25, SJ20, SRML20, Shi25, SLIC24, SCF20, SHRK22, TOV25, TRN+24, TC24, WBF+24, WGJY25, WYZ25, WKJB23, WYZZ23, WLK+25, XLG+23, YKJ+24, ZY25, ZX25, ZFXW25]. **Data-analysis** [MYM+22, CGG21]. **data-assisted** [ZFXW25]. **Data-driven** [CFW+23, HCAH+24, HSO+22, SMC+22, TMR25, CWZ+24, FGMW25, GEM+25, LLL+25a, LSF23, LN25, WGJY25, WYZZ23]. **data-structures** [SJ20]. **DataPix4** [CBB+25]. **datasets** [BBV23]. **day** [BR20a]. **DCA** [HAM+20a]. **De-noising** [TAGC22a]. **Debugging** [SAN24]. **Debye** [DRZ+21, XFH+22]. **Debye-type** [XFH+22]. **decade** [OYG+24]. **decay** [AG23, ABWZ23, ABH+23, CWZ+24, Hor23b, LWhK+20, LF20, Sat21, TSJ+21, VFS23]. **decaying** [TSV+25]. **decays** [AKK+24, CV24, DDM20, KKM+20, KKSV24, KM20, KMS20b]. **December** [Ano20d, Ano21c, Ano22c, Ano23c, Ano24c, Ano25c]. **decoder** [HLZH25]. **decomposition** [BNL25, CFSV25, CSW+25, CSC25, GHL23, GLMW25, JY25, KFHR24, LGDF20, LAD+21, LY24b, MRTL25, MRD23, OCR+22, Pen24, TGS+20, VPPQ21, VPPQ+24, YYY22, YKJ+24, ZLY24]. **decompositions** [CKT21, RYS+24, Shi25]. **deconvolution** [Gag26]. **decoupled** [LM21a, Yan21b]. **Decoupling** [FAZ24, ZWZ+22]. **Deep** [GUAD22, MM22, RBS+25, TSAK21, TGIM23, WYZ25, YYZ+22, ZGW20, Bav24, BKG+23, CLH+25, CSW+25, CMLA25, FAZ24, FTRZ25, HR25, KKY24, KSP25, KUK25, MLZ+23, MZM+25, NDM+25, WLK+25, YYH+25, ZWC+20, AEG+25, LWC+21]. **DeepBHCP** [MM22]. **DeepFlame**

[MLZ+23, MDB+25]. **DeePKS** [CZWE23]. **DeePKS-kit** [CZWE23]. **defect** [Ham20b, Pot24, SDA+25, TQGE23]. **defects** [AM21a, DIAA21, TR22, vTDGCR21]. **defined** [KKSV24]. **definition** [YZL+23]. **deflation** [Kub24]. **deformation** [AE23, GL25, SN23]. **deformed** [MSN+22, VvBTH20]. **degeneracy** [TRN+24]. **degenerate** [FAZ24]. **degree** [LMWW24a, WJB21]. **degrees** [HSSC25]. **degrees-of-freedom** [HSSC25]. **DeHNSSo** [WHSK24]. **Delft** [WHSK24]. **delta** [Bul21, CJD+20, MM23]. **delta-** [CJD+20]. **DEM-Engine** [ZTV+24]. **demonstrated** [PD24]. **DEMPgen** [AEG+25]. **dendrite** [ZX25]. **Deneb** [YKK23b]. **denoising** [GdLSB25, HGS20]. **dense** [BCTS22, BRHT21, KHR+23, KKL21, LY25c, MHK24b, zYMK+21]. **densities** [WKBW21]. **Density** [MVK+24, Pag24a, QJ21, BGW+22, BWY25, BPMS25, BS25a, BW23, CPL21, CZWE23, COP+24, DLW25, DMS+22, DL24, DH20, FASD20, FWL+24a, GT26, GM20, GBR23, GC25, GBD+22, HAO+25, HFP21, IJVJ21, IUJ21, JRS+21, Kar23a, KLM+22, LYC20, LR22, LWR25, MHK24b, MDP22, MDR+20, Pag24b, SLE+22, SXW+20, SLZY21, SHW+21, TMC22, VCF22, YT23, ZLLM23]. **density-functional** [GBD+22, SXW+20, SLZY21, TMC22]. **density-in** [Kar23a]. **density-in/dependent** [Kar23a]. **DensityTool** [LR22]. **dependence** [BAB+20, YZL+23]. **dependencies** [AS24a]. **Dependent** [BBB20, MVK+24, BAB+20, COP+24, Dio23, GSLS20, GBD+22, HSB+24, Hor23a, JRS+21, KPST21, Kar23a, KKPC23, KM23, LY22, LY24b, NLS24, RdMS25, SOW25, SGS23, Scr22a, WJB21, WWB22, WHB21, WBvdH20, XSL+22, YWK+24, YSMBA23, ZTH+25]. **depending** [BKOV25]. **depletion** [BKB+21]. **Deploying** [LSF23]. **deployment** [KDH+25]. **deposition** [HTL+22, HFLT26, KPR+24, SWB+23, TLC+21]. **depth** [XYZR25]. **derivation** [CL25a, NYN+21, PSW23, PSW23]. **Derivative** [SDV+25]. **derivatives** [ANV+25, GOST23, GOST25, Rod22]. **derived** [CMJC21, RG21]. **descent** [CC25, LXYG25, Wan25a]. **descent-based** [Wan25a]. **DescMAP** [ZLV23]. **described** [MBCC23]. **description** [GSV23]. **descriptor** [ZLV23]. **descriptors** [HJM+20]. **Design** [KGSL25, AGMFGE23, AS24a, CZX+21, CQS+24, HSLC24, HSB+24, KL23b, MDL+25, MMCC+22, MOA24, RdSH+24, VB22a, WGJY25, XLG+23, YWM23]. **designs** [HK24]. **detailed** [RCX24, SPF21, TPW+25, WAC25]. **detect** [KIK20]. **Detection** [BBLB+25, BFG24, Cel24, CLH+25, EGKH24, JKST22, KRJ23, LMQ+23, MRKY25, PNL+24, YW25]. **detector** [CGG21, DIO25, Kan24, NRG22, NRG24, TAGC22b]. **detectors** [ABGD+20, KTF22]. **determinants** [AJDS+21, FMT24]. **Determination** [CH25, HTK24, HSO+22, LN23, LS24, NBC+24, PWC24, ZLV23]. **determine** [BDF+25, DEdM24, HHMH+22, MDP22]. **deterministic** [CHA21]. **detonation** [FGMW25, HML+25, PD23, SWTC23]. **detonationFoam** [SWTC23]. **detrended** [GHKW22]. **deuteron** [ASK+25]. **develop** [WAET22]. **developed** [JMOC21, LHWX24, MG22]. **Developing** [WRM+24, CZWE23, KDH+25]. **Development** [BKP22, BRS25, COJ+22,

CKC+21, CLEPF22, DBV+24, JKSY22, KMN21, LBM+23, LIG+24, MGX24, MRKY25, OBC+24, OHMK25, DARJ23, VLS22, ZMC23, ZDSS23, ZYG21, DBBP23, DSW+23, HWL+23, LY25c, OIA+20, OYG+24, SFG+25]. **developments** [GAA+20, SSO+25]. **device** [MRKY25]. **devices** [BMI23, BM22, DGHA25, HSB+24, KK20, KNJ+23, LKJ+25, RMCC22, RdSH+24, ZHM+24]. **dfemtoolz** [MVF20]. **DFMSPH22** [GCK21]. **DFPT** [PP24]. **DFT** [DMS+22, GOCSS+23, LG23, MSG+21, MDR+20, PAG+25, RCP+24, VMRFC23]. **DFT-FE** [DMS+22, MDR+20]. **DG** [PMK+23, YKK23b]. **diagnostic** [PSMRS+23]. **diagnostics** [JSS+24]. **diagonalization** [ACS+22, KF23, LQ21, LQGL21]. **diagonally** [KBSL22]. **diagram** [BMI23]. **diagrammatic** [MSY+21]. **diagrams** [ATRD21, Gro23, MSH22, MRD23, PCL24, RUV20, WSRO24]. **diamond-difference** [CL21]. **DIAPHANE** [RDC+20]. **Diatomic** [RV21, KL25, WLX24, YZ20b, BGHC23]. **Diatomic-py** [BGHC23]. **diblock** [CZY20, WXZ+24]. **dichotomy** [TCY+21, YX24]. **dichroism** [NG21]. **Dicke** [VCHH23]. **Dielectric** [VG25, MHÅ21]. **difference** [AUEO25, CHK25, CL21, Cos22, CESD+23, FLS25, GMZ+20, KHKK25, KL25, KBSH20, DYLV25, SPC25, SP20, WDMZ24, WZD+25, YWSE25, ZJC+25, Zho23, dSOZ22]. **difference/spectral** [GMZ+20]. **difference/spectral-Galerkin** [GMZ+20]. **differences** [ARPB26, BGH22, GBH20]. **different** [HWZ24, KFC+20, LJC+25, PLL24, SLZ+24, Usu25]. **differentiable** [AS24b, BBA23, BBA25, CP25a, FSMM24, MFS+22, TGO25, WAR+25, WF25, XLG+23]. **Differential** [ASW20, AS22, ASU+21, BS25b, BDF+25, CCW24, DEdM24, FC25, Jab24, LWhK+20, Lee21b, MA25, Pen24, SXY25, TC26, WHY+25, ZLY24]. **differentiation** [CRZ25, FTRZ25, MMM20, RCP+24, CKS25, PCS+23]. **DiffExp** [Hid21]. **diffraction** [HMYH22, HSO+22, KYH24, LS25, ZLLZ25]. **diffractive** [ST23b]. **diffuse** [LY24a, YWTK23]. **diffuse-interface** [YWTK23]. **diffusion** [BB24b, DRM20, GBS+20, GHL+22, GMZ+20, GL25, HYLC25, HSMR+24, JNVC+25, KBB21, KHR+23, LN23, MDHH25, NJ25, PTH24, PGYF21, SRML20, SS21b, TWW22, WXZ+24, WZX+25, WWS+25a, WWS+25b, WSK+22, XDF20, YFL22, ZYX21, ZYX22, ZXWY25]. **diffusive** [MP21]. **Digitalising** [TS25]. **dihedral** [MBCC23]. **dilepton** [BKBL22]. **dimension** [DdMS25, GSLS20, GG24, ZJ23, dMMLOS20]. **Dimensional** [RBV+22, AHP21, BV21, BCK+26, BM22, BKO20, BR20b, BSK+22, CLS+22a, CY24, CL21, Dan24, DDW25, DYH+25, DZF25, Din25, DS20, DH20, DKRSR22, DGHA25, ABF+25, GMZ+20, HT24, HRGGB25, Hid21, KLD+21, KM23, KMD+21, LGZ+25, LW24, LMQ+23, LHTP+24, MD20b, MSH22, MFB23, MOMO24, MOMO25, MYM+22, MCP23, NA20, ODU24, OCE+23, PMK+23, PARB25, PD23, RVDT25, SRT+20, SRS+25, SLZ+24, SMC+22, ScQYL25, SXYD24, SSN25, TTM22, UÁEPGBP24, VAS+25, WCP25, WXZH24, WBM+25a, WZPW20, ZDG+21, Zho23]. **dimensionless** [RDZ+20]. **dimensions** [EPM23, JRS+21, LR25, MASFP25, SRE+24]. **dimuonium** [UAS22]. **dimuonium-matter** [UAS22]. **dipolar** [YSMBA23].

dipole [Arn20, KR23]. **dipoles** [MASFP25]. **DiPolMol** [HMW25]. **DiPolMol-Py** [HMW25]. **Dirac** [FKK+21, GOST23, GOST25, Kut24, LY22, MCKN25, MN21, SJP21a]. **DiracBilinears.jl** [MCKN25]. **Direct** [IJVJ21, LWR25, RV21, ZYXC24, BOSM24, BMSP21, FLS25, GUAD22, GWA+23, JKST22, MHK24a, MZL+24, NUK+22, WWZ+23, YFL22, YCCW23, ZPZH20]. **direct-addressing** [YCCW23]. **direct-drive** [NUK+22]. **Direct-Fit** [RV21]. **Direct/split** [ZYXC24]. **direction** [ALB22]. **Directional** [YWSE25, BA24]. **directly** [YWSE25]. **DIRQFAM** [BN20, BN23]. **discharges** [DBR24, FASM24, MMP20, TMR25]. **disconnected** [KDHL23, LMWW24a, WSRO24]. **discontinuity** [CAC+22]. **Discontinuous** [CJ21, DGM20, Esc25, SVSC20, SDBS24, EM25, FRN+23, FMHH24, HWL+23, HWZ24, IPSW24, JKSY22, JSKY25, KSJ+22, KMD+21, KKB+25, MGX24, MPQ+22, QWZ+21, SMA24, SS21b, YXX+21, ZJS+20]. **Discovering** [TC24, STC25]. **Discovery** [CDML25]. **Discrete** [LSW+20, MYMK+21, ZTV+24, BSK+22, CFBRE24, DG25b, GP25, GLB+21, HK24, HTL+22, JGJ20, KCS22, KMR22, LHC20, LHG24, ONH+20, QCZ23, SRC21, VOLU25, YW21, YW25, Zha20, ZWP+22, ZZ21a, KWZ24]. **discrete-event** [SRC21]. **discrete-time** [JGJ20]. **discretisation** [SBZ23, WJB21]. **discretisations** [MB25]. **discretization** [CHK25, DMS+22, EOR21, GBS+20, LC24, PMK+23, SVSC20, SFS22, TKS22]. **disentangling** [XJZ+26]. **disjoining** [NLS24]. **disk** [RDR+20]. **Disks** [DG20]. **dislocation** [YZ20a]. **dislocations** [FSC+25]. **disordered** [MBCC23, TRB20b, YLLW24]. **dispatch** [SAC+21]. **dispersion** [BXW+25, KR23, LLL24b, MSH22, Pöt20, PPK22, RVRT22, SDV+25]. **dispersive** [DNG+20, DRZ+21, HLS25, XFH+22]. **displacement** [GLSH21, PP24, XSM22]. **disruption** [HEF21]. **Dissecting** [DLW25]. **dissipation** [CC25, KFC+20, Kul20, UBL25]. **Dissipative** [DVC+22, DHE+24, JCM20, CGSO20, DC22, DH20, HVR+25, UD24, XBL+20, BKB+21]. **distance** [Zha20]. **distances** [TGBM22]. **distinguishability** [OV23]. **distorted** [OYC24, PGYF21]. **distorted-wave** [OYC24]. **Distributed** [FGMW25, NRG22, Shi25, ALBL25, GMZ+20, KvH21, KFHR24, RSC+22, SPC25, TPS+24, zYMK+21]. **distributed-memory** [ALBL25]. **distributed-order** [GMZ+20]. **Distributed-parallel** [Shi25]. **Distribution** [BJS+23, BXW+25, BCSS24, CCMR21, FGC+26, GST21, HLQL25, KM25a, KKB+24, KAG24, LXYG25, NBC+24, PK24, SXW+20, YZ20a]. **distributions** [BKS24a, BFL+22, BLN+25, BFMA+24, FAC+25, KPST21, Pos22, SJ21, SMC+22, Xie23]. **Disturbance** [LJH+23, HJGL22]. **Divergence** [LGDF20, CC25, MOV21, YZW21]. **Divergence-free** [LGDF20, YZW21]. **divertor** [DSY25, YHH+20]. **divided** [ARPB26, BGH22, GBH20]. **DIZET** [AGK+23]. **DLBFoam** [TPK+21]. **DLScanner** [HR25]. **DMFT** [MSY+21]. **DMFTwDFT** [SHW+21]. **dmscatter** [GJJN23]. **DNA** [HTM+25]. **DNMOGA** [WYHW24]. **DNS**

[LBS+23]. **Do** [SMO25]. **DoFun** [HCP20]. **Domain** [SDBS24, AS24a, DGM20, DCSKM25, DRZ+21, ET24, HPAW21, KD23, LY24b, LSS+25, MRTL25, MRD23, Oti25, PNL+24, Pen24, PPK22, RRC+24, SLBN26, TTM22, WXZ+24, WLCY25, YZW21, YYY22, Yan23, YP24, ZLY24, ZWG+24]. **Domain-specific** [SDBS24]. **domains** [CZS+21, NR21, WXZ+24]. **DoNOF** [PM21]. **donor** [BMR+24a, LZLT25]. **donor/acceptor** [BMR+24a]. **Doppler** [GRCT20]. **dot** [GLB+21]. **dots** [PC21]. **Double** [VB22b, ABF+23a, GCK21, Kar23a, SPR25, TNL+22]. **double-folded** [Kar23a]. **Doublet** [KM20, KMS20b]. **down** [Gon22]. **down-sampling** [Gon22]. **DP** [ZWC+20]. **DP-GEN** [ZWC+20]. **DPD** [LBM+23]. **drag** [SPR25]. **Dragon** [MHK24b]. **DRalgo** [EST23]. **Drawing** [Gro23]. **dream** [SMO25, HEF21]. **Drell** [AFJ+23]. **Drift** [ZSqXY21, BXW+25, GTB24, TAGC22a]. **drift-kinetic** [GTB24]. **drive** [NUK+22]. **Driven** [QLX25, AE23, BM20, BGW+22, CFW+23, CWZ+24, FGMW25, GEM+25, HCAH+24, HSO+22, LKK23, LLH21a, LLL+25a, LSF23, LN25, PMSHG23, PLT+23, SMC+22, SBP20, TMR25, WGJY25, WYZZ23, ZYG21, ZYHH25]. **Driver** [BMREC21]. **driving** [FDPT23]. **DRM** [YKK23b]. **DRM-DG** [YKK23b]. **droplet** [AE23]. **Droplets** [PLSB22]. **Drude** [LW24]. **DSc** [Dry21]. **DScribe** [HJM+20]. **DSMC** [CP25b, ZWZ+22]. **DSQSS** [MYMK+21]. **dual** [CJZ21, NTO24, WXZH24, WVK21, ZTV+24]. **dual-GPU** [ZTV+24]. **DualSPHysics** [ZLK25]. **duct** [OSE+20]. **Duffing** [BDdM20]. **DUGKS** [KWZ24]. **DUGKS-GPU** [KWZ24]. **Duguet** [CCK23]. **dump** [Ham20b]. **dune** [BDR+20]. **dupin** [BFG24]. **during** [Dan24, MRG22, ZDG+21]. **dust** [LLT+23]. **dusty** [KRLS+25]. **DWR** [SPR25]. **DWR-drag** [SPR25]. **dye** [NI22]. **Dynamic** [MLT+21, MRD23, BBB20, DRM20, KGT22, LHG+25, MLYA26, MRH+23, NFB+26, PCS+20, SXW+20, Shi25, TPK+21, WWS+25a, WF25, YKJ+24, YD20, ZDJ25, ZHZG23]. **dynamical** [CE22, DDW25, DWD+24, DdMS25, GLSH21, HTL+22, JGJ20, LKYH25, MBH21, MEH21, NJ25, TC24, YYH+25, YKJ+24, ZZS+25, SHW+21]. **dynamically** [KMRB24, RCB+20]. **Dynamics** [AMA+20, DVC+22, DHE+24, JCM20, MKPW21, MKPW22, PYH+25, PIFPA+25, YD20, vRCM21, AFB+24a, ABB+26, ASRM25, BDC+25, BB24a, BMR+24a, BBA23, BCTS22, CLY22, CGSO20, CP25a, CLS22b, CZTF23, CHY+24, CDT22, CL22b, DTGE21, DL24, DC22, Dio23, DH20, EMB+25, FFTV23, GVV22, Ham20b, HyLF23, HVR+25, HTM+25, HWZ24, KF23, KCJX24, KMM21, KSP25, LLT+23, LLQ+23, LN23, LF24, LSF23, LVMGF+23, LJS21, MHK24a, MHP23, MHK24b, MBCC23, MRG22, NRKA22, NS20, NI22, NJT25, ODU24, OEI+22, OAP+24, PCS+20, RSR+25, RARA25, RdMS25, SOW25, SPG25, Sch21, SKC21, SC22, SSPF24, SSD+22, STS+25, SJY18, SJY20, TM24, UD24, UAWW25, VXT+23, VRI24, VCHH23, WGWG25, WNS+21, WSK+22, Wor20, WS23, XBL+20, XQ21, XLKX21, YGZG25, ZHI23, ZLH+25, ZJS+20, ZPL+21, ESS+25, BKB+21, LWC+21, OLNG21].

dynamos [TPCT22]. **Dynasor** [BFE+25]. **DynDen** [DTGE21]. **dyons** [MCP23].

E-H [BBMS25]. **EAST** [BYWW23]. **easy** [MD20b, WKBW21]. **easy-to-implement** [MD20b]. **easy-to-use** [WKBW21]. **EasyScan_HEP** [SZ24a]. **ECCPA** [SLLA22]. **ECOGEN** [SPLD20]. **ecology** [OCE+23]. **ecosystem** [PIFPA+25]. **ECPSSR** [Hor24]. **ECRad** [DFP+20]. **Eddington** [WHQS26]. **Eddy** [CJ21, HBB+25, LKJ+25, VPS23, VTB+21, XCC+25, YCC22]. **eddy-current** [VTB+21]. **edge** [CLH+25, FUTJ25, GUW+22, RSHS24, SDXY23, SBZ23, WPMK21, WRM+24, YWM23]. **EDIpack** [ACS+22]. **Editorial** [Sco21, Ano20e, Ano20f, Ano20g, Ano20h, Ano20i, Ano20j, Ano20k, Ano20l, Ano20m, Ano20n, Ano20o, Ano20p, Ano21d, Ano21e, Ano21f, Ano21g, Ano21h, Ano21i, Ano21j, Ano21k, Ano21l, Ano21m, Ano21n, Ano21o, Ano22d, Ano22e, Ano22f, Ano22g, Ano22h, Ano22i, Ano22j, Ano22k, Ano22l, Ano22m, Ano22n, Ano22o, Ano23d, Ano23e, Ano23f, Ano23g, Ano23h, Ano23i, Ano23j, Ano23k, Ano23l, Ano23m, Ano23n, Ano23o, Ano24d, Ano24e, Ano24f, Ano24g, Ano24h, Ano24i, Ano24j, Ano24k, Ano24l, Ano24m, Ano24n, Ano24o, Ano25d, Ano25e, Ano25f, Ano25g, Ano25h, Ano25i, Ano25j, Ano25k, Ano25l, Ano25m, Ano25n, Ano25o, Ano26a]. **EDMFT** [KSM+25]. **education** [DBBP23, DBE+24]. **effect** [MD20a, XJZ+26, YYC+23, YA25]. **Effective** [BBB20, DPR+20, DRR+24, HLCD20, DZZ21, EST23, GTE21, HS24, NYN+21, PC21, RTRB21, TM24, ZJM+25, ZD25]. **Effects** [LLT+23, LLQ+23, ASA+22, BC21, CFBRE25, CW22, DBM+24, GVV22, JGJ20, NY25, TVAW+25, VGGP+21, WMS+25]. **Efficacious** [GLSH21]. **Efficacy** [MLD+22]. **Efficiency** [KBSL22, TPCT22, HTL+22, KRJ23, LTL+25, PP21, SKEZ24a, Tan24, XHY+24, ZWLX25]. **Efficient** [AJDS+21, BP21, BW23, CBCZ+25, CE22, CZY20, DFG+23, DIO25, Du25, EPM23, EL24, GHKW22, HG22, JDD+21, KPST21, KCS22, KBB21, LG21a, LM21a, LS24, LN25, MK22, Mar22, MBDD25, PAG+25, PPK22, SK24, SRC21, SKdSB25, SLZY21, SNG20, SFC20, SW25, TAY+24, UÁEPGBP24, UCSR25, WXZ+24, WGS+22, YWTK23, Zeb22, ZCWY20, ZX23, AAA+25, AG21, AGJ+23, BND22, CDD22, CJZ25, DYH+25, DEdM24, DGHA25, DBdFdSR21, EGLK20, EAOSY25, GRCT20, GHL+22, GP22, HRGGB25, JV25, JZW+22, JPJ+23, KWZ24, KYH24, LBRW22, LLH21a, LAD+21, LXY+21, LLZ+23, LY25b, LLL24b, LLZ+22, LY25c, LVMGF+23, LSS24, MD21, MVF20, MRN20, NFB+26, PSMRS+23, PPKK21, PWD22, Pod25, RZH22, RZ23, RL21, STA20, SFKC22, SS21b, SWB+23, TÁFAB+24, WLL+24, WYZ25, WZDL26, WBM+25a, WYT23, WS23, YSX+20, ZPL+24, ZHM21, dVAR+24]. **efficiently** [KSP25, YZW21]. **EFIT** [BYWW23]. **EFT** [CFL+22]. **EIC** [AEG+25]. **eigenfunctions** [BV21]. **Eigenmode** [DNG+20]. **eigenmodes** [FBA+20]. **eigenproblems** [zYMK+21]. **eigensolver** [FKK+21, zYMK+21]. **eigensolvers** [AAMY23, FWL+24a]. **eigenspectrum** [LG21a]. **eigenstates** [HWT25]. **eigenvalue**

[DNG+20, LLH+21b, LLL25b, MG22, TÁFAB+24, WHSG24, ZJ23].
eigenvalues [BV21, IMB+22]. **Eilmer** [GDJG23]. **Einstein**
[BKRG22, KRG21, LB24, MBA21, RVM+21, SKDH24, SJCD25, WCSW25].
ElasT [LVB22]. **ELAStic** [FLK+20, KC21, ARPB26, BFD22, BDA+20,
CT23, EL24, Jab22b, Jab24, LLS+21, LLZ+22, LEL+22, LLY+22, MD20a,
NAZ+22, OKZ25, ONH+20, PB23, RZWW23, SJP21a, SLLA22, SCAP24,
SLDF+21, YNV22, YNV23, ZTH+25, ZZZ+20, NAZ+21]. **Elastic3rd**
[LLS+21]. **elasticity** [GPM+21, GM26, WGGC22, XZLX20, YXX+25].
ElasTool [EL24, LEL+22]. **elastoplastic** [BR20b]. **ElecTra** [GLN23].
electric [AE23, BLN+25, MASFP25, SOW25, WLCF21, YI22].
electric/magnetic [SOW25]. **Electrical** [HMM22, Usu25]. **electrified**
[Di 22]. **electro** [YC20]. **electro-magnetic** [YC20]. **electroaerodynamic**
[SSN25]. **electrochemical** [ZHM+24]. **electrode** [PK24]. **electrodes**
[LLG+24]. **electrodynamics** [FH22, GPN20]. **electrolyzers** [ZHM+24].
Electromagnetic
[LF25, ANV+25, BVV22, BKO20, CSW+25, DRZ+21, EES24, LOT+20,
LKP21, NTO24, OGL+21, SWB+23, WAYL23, YP24, YR21, ZLS+22].
electromagnetics [Oti25, WMM+24]. **electroMicroTransport** [GDK21].
electromigrative [GDK21]. **Electron**
[ABGD+20, LACL24, Ada22, ASA+22, AJDS+21, BCF+24, COW24, CW22,
DRM20, DFP+20, DVC+22, DGHA25, FMCB+20, FYM+22, GBR23, GSV23,
HAM+20a, HMYH22, HM24a, HM24b, HA23, HEF21, Hor24, HBM+24,
HLzY+20, Jab24, KKB+24, LKP24, LSS24, MMP+24, MAT+25, MFB23,
MGC+23, MAMK21, MPH+24, MZD+20, Nie22a, PD24, Pos22, SFBG20,
SLE+22, SLL22, SLZY21, SDL+21, SZL+25, SP23, ST23b, SDV+25, TCcN23,
TGIM23, UAWW25, WLZ+25, WLF+23, YZW22, ZGZ+25, ZPL+21].
electron-atom [Pos22]. **electron-impact** [FMCB+20]. **electron-ion**
[ST23b]. **electron-nuclear** [UAWW25]. **electron-phonon**
[DGHA25, MMP+24, ZPL+21]. **electron-positron** [HA23].
electron/positron [HBM+24]. **Electronic**
[BLN+21, BSS+23, BGR23, CFB+25, CWC25, CH25, DSQ23, DKRSR22,
FASD20, GWPW21, GLN23, HY23, HTH+20, HWT25, HLzY+20, JV25,
JPJ+23, KP25, KSM+25, MBG+20, NVCS23, PAL+20, PPKK21, PTD20,
RL21, TCSD24, Vuk25, YHY+21, zYCD+20, ZHM21]. **electronically**
[CMJC21]. **electronically-derived** [CMJC21]. **electronics** [SCAP24].
electrons [CXCZ23, DTC20, Dan24, Jab22b, Jab24, MBG+20, SJP21a,
SLK23, ZLLZ25, ZYX21, ZYX22]. **electrophoretic** [KPR+24].
electrophysiology [VSM+22]. **electrostatic**
[ATC+23, CGR21, CCW+25, KG21, LSW+20, YWX+23, ZYX21, ZYX22].
electrostatics [FAL20, FAL21, LYX22, SOH+23]. **Electroweak**
[KM20, AJW+21, BMM21, KMS20b]. **Element**
[Sha21, ZTV+24, ALB22, BM20, BCHE21, ČPF+24, DMS+22, EPM23,
Flo24, GPM+21, GM26, GL25, HAO+25, IGL+24, JMOC21, KSDH23,
KBB21, KM23, KD23, LLC+23, LHC20, LSL+25, MB25, MPS+24, MVF20,

MDR+20, MCB+20, OCR+22, Oti25, ONH+20, OKBM23, QCZ23, RSD20, SRT+20, SKDH24, SJCD25, SS25, SLC+22, SBB+24, TCD20, TTM22, TSB26, VOLU25, WZZS21, WWZ+23, WLCY25, WXZH24, XDF20, XCM25, XLG+23, YT23, YWM23, YW25, YJ24, ZZ21a, VB22a]. **element-based** [LLC+23]. **element/multipole** [YT23]. **Elementary** [PDD24]. **Elements** [GSL24, AIZ23, BGH22, CQS+24, DBV+24, LZ21, NZA25, RZ23, TIG+24, TWW22, Wan25b]. **Eliashberg** [KSL+25]. **ellipses** [CTPS22]. **ellipsoidal** [RARA25]. **EllipsoidalFiberFoam** [RARA25]. **elliptic** [BSK+22, BDR+20, WW21]. **ELMAG** [BKO20]. **ELPA2** [zYMK+21]. **elsepa** [SJP21a]. **ELSI** [zYCD+20]. **Embedded** [AAG+24, TW21a, LY25a]. **embedding** [AMK24, QJ21]. **embodied** [SS25]. **EMcLAW** [MOV21]. **emerging** [DRB22]. **emission** [CWZ+24, CML+24]. **Empathes** [BFD22]. **empirical** [CWG+21, KVSC21, MMCC+22, NA20, Pot24, PBE25]. **emplacement** [SGPTG25]. **employing** [VMRFC23]. **empowered** [MLZ+23]. **emulsions** [GUAD22, PLSB22]. **enable** [XQ21]. **enabled** [DAS+25, GSL24, YRNUV25]. **Enabling** [OBGA24, TDR+20]. **encapsulated** [Nie23]. **enclosure** [UBL25]. **encoded** [RSR+25, ZPL+24]. **encoder** [HLZH25]. **encoders** [TAGC22a]. **Encoding** [GPN20]. **encryption** [KPSL26]. **end** [MFS+22, MMCG26]. **end-to-end** [MFS+22]. **ended** [YMCF23]. **ENDF** [HGT24]. **ENDF-formatted** [HGT24]. **ENDFtk** [HGT24]. **endpoint** [LP24]. **energetic** [JSS+24, LJQ+22]. **energetic-particle** [JSS+24]. **energetics** [TQGE23]. **Energies** [AJW+21, CP25b, GTMB21, GBJ+21, KP25, LS24, Pos22]. **Energies-Updates** [AJW+21]. **energization** [WXX24]. **Energy** [BMR+23, BTK24, KTC25, PMK+23, AGJ+23, ABB+22, BRAC23, BC21, BCCM+24, CZWE23, CGV+22, Dan24, DGHA25, EES24, FXZT21, FTG23, Gar21, GZW20, GGCW24, GFD+24, HMYH22, HTL+22, HSO+22, IJVJ21, IUJ21, JS22, KSF+22, KRCY25, Kut20, LM21a, LW24, MD20a, Man24, MBTB21, MSHP02, MSHP20, NRK+21, NA20, NYN+21, NDM+25, NVT25, NBB+21, PRR23, Pöt20, RG21, RC23, RV20, RV21, SK24, SRC21, SE24, SSO+25, SLL22, SMC+22, SZL+25, SVJ+24, Sij23, TOV25, TV24, TLC+21, TS25, TVSM25, UO20, VZ20, VvBTH20, WZZ+23, WBM+25a, Xav22, XZLX20, YWTK23, Yan24a, ZLK25, ZWC+20, ZCWY20, ZGSW24, ZDLS21, ZLP25]. **energy-angle** [SMC+22]. **Energy-conserving** [PMK+23, BC21, KRCY25]. **energy-momentum** [Pöt20]. **energy-preserving** [GGCW24, LW24]. **energy-stable** [KSF+22, YWTK23, Yan24a]. **energy-strain** [XZLX20]. **enforced** [LY25a]. **Enforcing** [TPW+25]. **Engine** [GBJ+21, CP25a, FGMW25, GLW+23, NVT25, RCB+20, STS+25, VAS+25, ZLWBH25, ZTV+24]. **Engineering** [ANU21, DB24, FYW23, ZFXW25]. **enhance** [MPS+24]. **Enhanced** [JG24, LZLT25, TOV25, BBC+24, CWG+21, DB24, DYH+25, MLT+21, RdPS24, SBB+24, TDD+25, WYZ25, XLKX21, YWSE25, ZLK25]. **Enhancement** [MOY+25, TTM22]. **Enhancing** [KHKL24, KUK25, MCB+20, SLL22, XCM25, UBL25]. **Ensemble**

[Mil25, KUK25, SHRK22, TNL+22, WYZ25]. **ensembles** [GLB+21, VCHH23, WGS+22]. **Ensign** [CE22]. **Enskog** [JHH+25]. **Enskog-like** [JHH+25]. **entangled** [CL22a, ECS23]. **Entanglement** [HPP23, LY25b]. **entanglements** [KDHL23]. **entropy** [LLL+24a, LY25b, MMCC+22]. **entry** [GSL+23]. **enumerator** [LCB25]. **envelope** [BBMS25]. **environment** [GAA+20, OIA+20, OSE+20, Scr22a]. **environments** [ART+20, GRP+25, MBDD25]. **ePDFpy** [KKB+24]. **EPI** [MMP+24]. **EPIC** [KRCY25]. **EPIC-GOD** [KRCY25]. **epidemic** [CF21]. **epitaxial** [PYH+25]. **EPR** [FGC+26]. **EPW** [LACL24]. **eQE** [MSG+21]. **EQMO** [ZHM21]. **equal** [Efr23]. **Equation** [GMPG+21, LS21b, LY22, OSE+20, RS20, ZHM21, AIZ23, ATC+23, BB24b, BAB+20, Bul21, BBA+20, CHK25, CS22a, CCW24, CDML25, CKT21, CKS25, CCW20, CWJ21, DSSW22, DAS+25, ENK24, FN21, GFML25, GSLS20, GLPG+23, GMZ+20, HXS20, HWZ24, HZ25, KHKK25, KMR22, KPL+21, KFPV21, LZ21, LHC20, LFL+24, LY24b, LSS24, MRTL25, MA25, MDHH25, NJ25, OEI+22, OKBM23, PPR+21, RJVM25, RPGG25, SVSC20, SGS23, SP20, SLZ+24, SS25, SCL22, TTM22, TS23, WHB21, WXY20, WZC21, WWS+25a, WWS+25b, WKR23, XSL+22, YWK+24, YSMBA23, YNMR24, YJ24, ZLK25, ZAW+21, ZXWY25, dVAR+24, ZXT22, ZXT23]. **equations** [AWV24, ASU+21, AGH21, BV21, BKRG22, BCGT24, BS25b, BDF+25, CR20, Car25, CEKR24, CLEPF23, CLEP24, DGM20, DH22, DEdM24, Esc25, FC25, GTA21, GHL+22, GGCW24, HPY21, HWL+23, HCP20, JM24, JZW+22, JRS+21, KRG21, KBB21, KD25, KSF+22, KMD+21, Koz23, KRE22, LWhK+20, LGX+25, LGDF20, LW24, LOYS25, LZLT25, MSN+22, MD25, MOV21, PMK+23, PLL24, PSW23, Pen24, PG23, PW25, Pöt20, QWZ+21, RJ21, SXY25, TSL21, TC26, UCSR25, VFS23, WGG20, WZX+25, WHY+25, WBM+25a, WYZZ23, WHQS26, XDF20, XPF+24, YZW21, YXX+21, YWSE25, YKY+22, ZCP+22, ZLY24, ZZZ26, ZS24, ZX23, ZZZ+20, OAB+25]. **equilibria** [BJS+23]. **Equilibrium** [MMP20, BYWW23, Dau23, DVC+22, DSY25, HPAW21, LBM+23, LZ21, LXYG25, MES+24, MEC+24, SYFT23, WJB21, WWB22, WHB21, YKYK23, ZYY+26, ZCS+24, SGM+20]. **Equivalence** [JSW25]. **equivalent** [LY25c]. **ERCS08** [Hor24]. **ERCS24** [Hor24]. **ERMES** [Oti25]. **ERNIE** [AG23]. **erosion** [YGSW21]. **Erratum** [FAL21, SJY20, YNV23]. **error** [Gag25, Gag26, JKKN23, MZ22, MNS+24, SSH+23, THH21]. **errors** [RVRT22]. **ERSN** [LEE+24]. **ERSN-OpenMC-Py** [LEE+24]. **ERYA** [MMC+22]. **ERYA-Bulk** [MMC+22]. **ERYA-Profiling** [MMC+22]. **escape** [NA20]. **ESPRESSO** [FGC+26, HHT+24, MONW21, RBM25]. **Essentially** [MGX24]. **establishing** [XJZ+26]. **estimate** [EBBB22]. **estimating** [GO23, GBJ+21, GG24, SKC21, WV22, YMCF23]. **Estimation** [VEHCM21, AM21b, KWB+25, KTC25, KUK25, LMWW24b, LWV20, MRKY25, MPN+21, NG21, RBS+25, XYZR25]. **eTraj.jl** [ZNW25]. **Euler** [GWA+23, HWL+23, YXX+21]. **Eulerian**

[LMHL20, MSM24, ODR+22, RARA25, SRT+25, Sij23, TKC+21, THH21, WWM+22, WHH25, WZH+25, ZWL25]. **EUTERPE** [KBH+24]. **evaluate** [FLW+23]. **Evaluating** [MYKC23, NVC20, BA24, BTW20, Bzo21]. **Evaluation** [ABD+23, GOST23, GOST25, PSK+24, Usu25, ABF+23a, Arn20, ATRD21, BP25, BC20, HDS+25, HAA+20, NSU20, PBC+24, SRML20, SSV22, STS+25, TR22, Vuk25, WW21, XZLX20]. **evaluator** [ZMK+25]. **evaporation** [AYB24, HyLF23, OSE+20]. **event** [AAA+21, AZH+24, AEG+25, ACD+22, AG23, BIK+21, BKG+23, For22, GPD+22, HQF+20, JWW+23, LTMK21, PNL+24, SRC21, SJP+21b, SCAP24, Sjö20, SBP20, TVAW+25, VEHCM21, YLK21, ZDLS21]. **event-chain** [HQF+20, LTMK21]. **event-driven** [SBP20]. **event-time-frame** [GPD+22]. **events** [BFG24, DRSZ23, Hor23b, SKC21]. **EvGen** [BKG+23]. **Evolution** [OSLC21, ZDG+21, BCGT24, CKS25, FAC+25, GF23, HFP21, MZM+25, MZ22, VGGP+21, ZXXP25, ZZ21b]. **Evolutionary** [DR21, KMG+20, HTS+21, HZ24, WBK+24]. **evolutions** [CY24]. **evolving** [LM22, OS24]. **EW** [SY20]. **Ewald** [Elk25]. **ewN2HDECAY** [KM20]. **Exact** [GF23, Pag24a, ACS+22, Bak23, BR20a, BBA+20, GQ22, KW23, LG21a, LQ21, LQGL21, LHTP+24, OB25, Pag24b, RC23, Tor20]. **Exactly** [Man24]. **exactness** [FFLR20]. **ExaGRyPE** [ZLWBH25]. **ExaHyPE** [RCB+20, ZLWBH25]. **example** [FSC+25, YYZ+22, ZGW20]. **examples** [CLVV22, SOH+23]. **exascale** [BDC+25, DB24, DRB22, DFU20, YRNUV25, ZDSS23]. **exascale-oriented** [DFU20]. **exchange** [BR20a, CSW24, XLKX21]. **excitations** [LL23, UÁEPGBP24]. **excited** [NRK+21, QJ21, RHW+21, RBWD+24]. **exciting** [PD24]. **excitonic** [DSQ23]. **excitons** [PC21]. **Exclusive** [AEG+25, For22, ST23b]. **expanded** [RSPJ21]. **Expanding** [LTT+24, Ber24, FFTV23]. **Expansion** [HJJ+22, LHZ20, SNG20, YT23, ZMN+24, Zho23]. **expansions** [ABD+23, FMBD22, Hid21]. **experiment** [BFE+25, DVB+25b, DVB+25a, KGSL25, SKS25, SCF20, YLK21]. **experimental** [BC20, HSLC24, MYM+22, TOV25]. **experimentally** [MES+24]. **Experiments** [KMN21, AGJ+23, BDP+21, BCD+21, DG20, OBC+24, SFG+25, ZDLS21]. **experts** [ZZ25]. **explainable** [GEM+25]. **Explicit** [QWZ+21, Bel24, CJ21, DS22, PMK+23, VSVV25, YZW21]. **Exploiting** [RZ23]. **Exploration** [HPRS23, MMCC+22]. **explorer** [AES21, LSZ23]. **Exploring** [AS24a, Cel24, NJT24, DG20, HTM+25]. **explosion** [TRN+24]. **Exponential** [QLX25, CCK23, EOR21, GDB10, GBH20, HXD+25, IJVJ21, NJT24, NJT25, QWZ+21, YNMR24]. **express** [ZGZW23]. **expression** [ENK24, UBL25]. **expressions** [MBDD25]. **extend** [LMRN25]. **extendable** [KVSC21]. **Extended** [BCTS22, JY25, SXY25, BJL+24, BMM21, BBM+25, IJVJ21, KKSV24, LWR25, TSL21]. **Extending** [KL23a]. **Extensible** [ZGZW23, ABB+24b, GAGO21]. **Extension**

[AWV24, MV25, DB24, DSSW22, HYL+22, KMS20a, LHG+20, LLR23, MCMS24, RMCC22, SVSC20, SDXY23, SLW+25, Yan25]. **extensions** [CK23, DBE+24, MSY+21, WBM+25a]. **extensive** [CNB+23]. **exterior** [BSK+22, KMR22]. **external** [LG21b, WLCY25, YWX+23]. **extract** [VPZH24]. **Extracting** [LXYG25]. **Extraction** [PK24, LSSW25, LS21a]. **extragalactic** [BKO20]. **extrapolation** [KW23, YLL+22]. **extreme** [CGSO20, GH21, HXS20, LYZL24, SPC25, YRNUV25]. **extreme-scale** [HXS20, SPC25, YRNUV25]. **EZ** [SWB+23].

FabSim3 [GAS+23]. **facilitate** [LSF23]. **Facilitating** [FDPT23, WXL+21]. **FACt** [RPG+20]. **factor** [CCK23, GDB10, HZ25, SZNW23, WHQS26]. **factorised** [HHT22]. **factorization** [CCC20]. **factors** [MKPW21, MKPW22]. **factory** [WLZ+25]. **false** [Sat21]. **families** [RPGG25]. **far** [DVC+22, WJB21, WHB21]. **far-from-equilibrium** [WHB21]. **far-off-equilibrium** [DVC+22]. **far-out-of-equilibrium** [WJB21]. **FaSE** [TW21a]. **FaSE-GLoBES** [TW21a]. **Fast** [ASRM25, CLY22, DCZ23, HAA+20, Ilt21, IUJ21, KF23, LZZ+25, Pag24a, Pag24b, SLBN26, TGO25, WZC21, WOP+20, YBZ+25, BV21, BDGS21, CGR21, CB20, ENK24, FBA+20, GJ24, GJJN23, GB20, KKLZ23a, KIK20, KT23, KYH24, MSH22, MRKY25, OCE+23, STA20, SSD+22, TCD20, TTM22, TPK+21, TLC+21, TBAR21, WXZ+24, WVK21, WXX24, Xie23, XOTI22, AL24, CPG+25, YLLW24]. **Fast-QSGS** [YLLW24]. **fast-update** [XOTI22]. **Faster** [DG25b, TB20]. **fault** [ZGSW24]. **FaVAD** [vTDGCR21]. **FCC** [TCY23]. **FDTD** [HXD+25, KGN+21, LKP21, LW24, XPF+24]. **FE** [DMS+22, MDR+20, UO20]. **FE-CLIP** [UO20]. **FeAmGen.jl** [fWL24b]. **feature** [ABK+22, YNDJ25]. **feature-preserving** [YNDJ25]. **feature-rich** [ABK+22]. **features** [LTT+24, SLK23, SMO20b, VPZH24, WHSK24]. **featuring** [DAS+25]. **February** [Ano20q, Ano21p, Ano22p, Ano23p, Ano24p, Ano25p]. **FEL** [ASA+22]. **FELINE** [SLC+22]. **FEM** [EVMP20, KMRB24, XLG+23, SLTB25]. **FEMPAR** [BM20]. **FEMS** [Sha21]. **femto** [Koz23]. **femto-** [Koz23]. **FENNECS** [LLG+24]. **Fermi** [GOST23, GOST25, MN21, ŚGBK26, YNMR24]. **fermion** [DDM20, ZDW+24]. **fermionic** [ABD+25, XOTI22]. **fermions** [Dür23]. **ferroelectric** [KNJ+23, ZWC22]. **ferromagnetic** [LL23]. **ferromagnetic/non** [LL23]. **ferromagnetic/non-magnetic** [LL23]. **FerroX** [KNJ+23]. **few** [WLL22, WLK+25]. **few-group** [WLL22]. **FeynCalc** [SMO20b, SMO25]. **FeynGame** [BHKS25, HKL20]. **FeynGKZ** [ABBD23]. **FeynGrav** [Lat23, Lat25]. **FeynHiggs** [BHH+20]. **Feynman** [ABBD23, ABD+23, BP25, BMT23, BF25, Che25, CS22b, DPR+20, DRR+24, FR20, GHT25, Gro23, GLMW25, Hid21, LM23, Nog21a, Nog21b, NVC20, SC20, SSV22, SZ24b, WW21, fWL24b, WBM+24, WZ25]. **FeynMaster** [FR20]. **FeynMG** [MCMS24]. **FeynRules** [MCMS24, Yan25]. **FFT** [Cos22, DGHA25]. **FFT-accelerated** [Cos22]. **FFT-based** [DGHA25].

FFTW [DSSW22]. **fibers** [RCGS25, RARA25]. **fibre** [AAB+21]. **fibrogenesis** [ZKZ+24]. **fibrous** [BKE+25]. **fictious** [Yan23]. **fidelity** [BMSP21, CKC+21, HYLC25, KSC+23, LSS+25, MCB+20, RdPS24, WZDL26, XLL+22]. **Field** [DPR+20, DRR+24, SHW+21, AIZ23, AE23, BLN+25, BN20, BN23, BHK25, CFBRE25, CBCZ+25, Che23, CZY20, CSW+25, CCL+22, DH22, DKRSR22, EGLK20, EST23, FCdNA25, FDPT23, FFTV23, Flo24, FFLR20, GK21, GJA21, GBS+20, GNP20, HS24, HLY25, HTK24, JSKY25, KKLZ23a, KKLZ23b, KLD+21, KLMU21, KNJ+23, KW23, LKYH25, LGBJ20, LMX+21, LCL+23, LCB25, LHTP+24, MM23, MLYA26, MT23, NRG22, NRG24, RSS25, REZS25, SXC+25, TW25, TCY23, WMA+22, WYT23, XPF+24, Yan21a, YK21a, YYY22, YML+24, YWSE25, ZCWY20, Zha20, ZDG+21, ZGSW24, ZZS+25, ZWL25, ZNW25]. **field-aligned** [GBS+20, JSKY25, TW25, ZZS+25]. **field-split** [YYY22]. **fields** [BBTW25, BKO20, BBMS25, CMS22, GH21, MZM+25, MYKC23, MPQ+22, MDHH25, RHW+21, RBWD+24, SOW25, YI22, YYZ+22, ZKZ+24]. **FIESTA5** [SSV22]. **filaments** [HMM22]. **file** [LG21a]. **filled** [UBL25]. **film** [BMP+24, RMR+22]. **filter** [BIL25, BDGS21, CJ21, NDFL24, WYZ25, WHSG24, ZZS+25]. **filtering** [LYC20, PP21, XPF+24]. **final** [ABWZ23, BOSM24, DDM20, SAS20, Sit24]. **find** [MRT+22, NKP20]. **FindBounce** [GNP20]. **finder** [EGKH24]. **finding** [Bar22a, BBB+21, WZ25, ZWG+24, ZLP25]. **Fine** [Cel24, WWZ+23]. **Fine-grained** [WWZ+23]. **Fine-tuning** [Cel24]. **Fingerprinting** [SLL+21]. **Finite** [BC21, GSL24, KSDH23, Sha21, SLC+22, AUEO25, AIZ23, ALB22, ADF+22, BM20, BCHE21, BN20, BN23, BS25a, ČPF+24, CHK25, Che23, CEKR24, Cos22, CESD+23, DMS+22, Dau23, DS22, DVC+22, EPM23, FZD+24, FLS25, GJA21, GCWZ20, GMZ+20, GL25, HAO+25, IYP+25, IGL+24, IJVJ21, JMOC21, KBB21, KHKK25, KLMU21, KL25, KM23, KFC+20, KBSH20, LLC+23, LSL+25, LWR25, MB25, MVF20, MSM24, MDR+20, MOY+25, NZA25, OCR+22, Oti25, OKBM23, PP24, DYLV25, PGYF21, RSD20, SRT+20, SKDH24, SJCD25, SPC25, SP20, SS25, SKC21, SBB+24, TSB26, VGGP+21, WZZS21, WWZ+23, WDMZ24, WZD+25, WZX+25, Wan25b, WLCY25, WH23, XDF20, XZLX20, XLKX21, XLG+23, YT23, YI22, YWM23, YWSE25, ZJC+25, Zho23, ZCD+25, ZLS+22, dSOZ22, PLSB22, VB22a]. **finite-difference** [AUEO25, CHK25, Cos22, FLS25, SPC25, SP20]. **finite-element** [DMS+22, HAO+25, IGL+24, MDR+20, RSD20, SRT+20, SJCD25]. **finite-order** [ZLS+22]. **FINite-size** [PLSB22]. **finite-sized** [Che23]. **finite-temperature** [GJA21, IYP+25]. **finite-time** [SKC21, XLKX21]. **finite-volume** [ADF+22, Dau23, FZD+24, VGGP+21]. **FiniteFieldSolve** [Man24]. **FIPI** [GB20]. **fire** [ST25, PGS+24, SZ24b, FZH+26]. **FIRE6** [SC20]. **FireFly** [KL20, KKL21]. **fires** [ST25]. **First** [ARPB26, Dan24, Och23a, Och23b, YI22, AM21a, BCTS22, BDF+25, DEdM24, FGC+26, KvdW20, KD23, LLS+21, LLZ+22, MBTB21, MPN+21,

PB23, SDL+21, SZL+25, TAE+21, XLX+24, YJLW21]. **first-** [KD23]. **First-principles** [ARPB26, Dan24, Och23a, Och23b, YI22, AM21a, BCTS22, KvdW20, LLS+21, LLZ+22, MPN+21, PB23, SDL+21, SZL+25, YJLW21]. **Fisher** [RPGG25]. **Fission** [TSJ+21, NRKA22, WNV+25]. **Fit** [RV21]. **FITEVT** [Hor23b]. **fits** [BS23]. **fitting** [ADdM20, BDGS21, CAC+22, KHKL24, RV20, RV21]. **FitzHugh** [Usu25]. **five** [Mil25, SMGK21]. **five-particle** [SMGK21]. **fix** [DACA+22]. **Fixed** [MBCC23, Ano20c, BCD+21, KK16, OBC+24, VB22b]. **fixed-point** [Ano20c, KK16]. **FLAME** [ART+20]. **flames** [CEC+24]. **flashover** [LSL+25]. **FlashSim** [LSL+25]. **flat** [CQS+24, SJ21]. **flavor** [KKSV24]. **Flavour** [TW21a]. **FLEKS** [CTZW23]. **flexible** [ABK+22, CTZW23, Her25, MSM24, MDP22, SXYD24, TAB+22, WKBW21, WZD+25, WOP+20, WS23, YTC+20, YMCF23]. **flexible-structure** [MSM24]. **FlexibleDecay** [ABH+23]. **FlexibleSUSY** [KKSV24]. **flight** [WBF+24]. **floating** [SSH+23]. **flow** [AGH21, BKE+25, BSC+21, CJZ21, CL22a, CL25b, CNS22, FRN+23, GDJG23, GZW20, GL25, HNOW25, HLY25, KWZ24, KBSL22, KT23, KRE22, KBSH20, LIG+24, LM23, LCCC25, MA24, MLZ+23, MDB+25, MZM+25, MZL+24, NJSY22, OSK+21, QCZ23, RLW+24, SKdSB25, Shi25, SSPF24, STC25, SFS22, SW25, Tan24, TPK+21, TSB26, TGS+20, WAC25, WCSW25, WA21, WF25, XBL+20, XZYS25, YCC22, Yan21b, YYY22, YCCW23, YKK23b, YZ20b, ZMC23, tZHM+25, ZHZG23]. **flow-coupled** [HLY25]. **FLOW36** [RSS25]. **flowing** [SE25]. **flows** [AHP21, ABB+26, BBV+22, Bak23, BL21, BMSP21, BBA23, BBA25, BKS24a, BRS25, BHC+25, BNL25, CAWK22, CS22a, Cos22, CESD+23, Dau23, DAC+23, DB24, DS22, DBV+24, FA20b, FZH+26, FJ22, FTZ+23, FMBD22, GWA+23, GB22, GMX+25, GP22, HML+25, HRG+22, HJGL22, HLS25, JGSE25, KPJ24, KFHR24, Kul20, KKB+25, LMHL20, LY25a, LJH+23, LMQ+23, LHG24, LY25c, MEC+24, MD21, MPS25, NY25, NABM25, OCC23, DYLV25, RCX24, RCW+20, SPC25, SRS+25, SPLD20, ScQYL25, SXYD24, SFC20, TO21, VPPQ21, VTW+25, WT22, WICA22, WWZ+25, WZDL26, XCC+25, YWTK23, ZYY+26, ZYML24, ZCD+25, ZZ25]. **Flowy** [SGPTG25]. **fluctuation** [CT23, GHKW22]. **fluctuations** [RPG+20, ZZS+25]. **Fluid** [AMA+20, OLNG21, AHP21, AFB+24a, ABB+26, AGH21, BB24a, BBA23, BNL25, CJZ21, CFW+23, DIK+23, DACA+22, DH20, EPM23, EMB+25, FA20a, FA20b, FASM24, GGH+25, GB20, HEF21, JYL+23, JMOC21, KKPC23, KP23, KM23, LBS+23, LY24a, LZZ+25, LSF23, LHG+20, LH22, LH24, LJS21, MBH21, MEH21, MPH+24, MSM24, NJSY22, NY25, DARJ23, PG23, SKdSB25, SFC20, SH26, SFP+26, STS+25, TDD+25, eSdSBST21, VSM+22, WICA22, WXZH24, WNS+21, WSK+22, WYT23, YGZG25, YSX+20, ZLH+25, ZSqXY21]. **fluid-kinetic** [HEF21]. **fluid-structure** [LBS+23, TDD+25, YSX+20]. **fluid-structure-electrophysiology** [VSM+22]. **fluid-structure-interaction** [JMOC21]. **fluid-surfactant** [WYT23]. **fluids**

[BHC+25, EAOSY25, FBMD20, KSDH23, LBM+23, MES+24, PIFPA+25, BBA23, BBA25]. **FLUKA** [DVB+25b, DVB+25a, SCAP24]. **FLUNED** [DARJ23]. **fluorescence** [NI22]. **FluTAS** [CESD+23]. **Flux** [DBV+24, AWV22, AWV24, CS22a, DSY25, MBTB21, MSU+21, RCW+20, SKS24, TWW22, VÁFG+22, VLS22, WH23, YA25, ZIM+25, ZCL+25, ZZZ+25, BBV+22]. **flux-coordinate** [MSU+21]. **fly** [BDC+25, BMREC21, OKZ25]. **fmas** [MD22]. **foam** [LMRN25]. **foam-extend** [LMRN25]. **foaming** [ASC+21]. **foci** [CMS22]. **Fock** [CLS+22a, MSN+22, RSM21, AYI+24, KL25, WGG20, Zeb22]. **focused** [CMS22, SKEZ24a]. **Fokker** [TCSA21, TKC+21, ZLL+24, DTC20, HAO+25, KSJ+22, KPJ24]. **folded** [Kar23a]. **folding** [GCK21, ZJS+20]. **following** [WA21]. **FOOT** [DVB+25b, DVB+25a]. **force** [BGW+22, BB21, EGKH24, GJEA25, HGS20, LKYH25, LCL+23, LM20, LCB25, MYKC23, PAG+25, SFGK25, XSM22, YKSH20, ZKZ+24, EGKH24]. **Force-chain** [EGKH24]. **force-chains** [EGKH24]. **force-field** [LCB25]. **force-gradient** [SFGK25]. **forced** [BNL25, BDdM20]. **forcefields** [KMG+20]. **Forcer** [RUV20]. **forces** [CMJC21, DACA+22, FDPT23, KT23, MASFP25, NVC20, WT22, YI22, ZTV+24]. **forcing** [JRG21, VSVV25, ZPZH20, Zha20]. **Forecasting** [CLS22b, YKJ+24]. **forgetting** [TC26]. **form** [GLMW25, HKY+21, KSJ+22, LHC20, RUV20]. **formalism** [BJL+24, CT23, GdPSH25, Jab22a, SP23, ZCS+24]. **Formalization** [CHA21]. **format** [GPD+22, Gav25]. **formation** [AMP+21, LLG+24, JLW24, KLD+21, RDZ+20]. **formatted** [HGT24]. **formed** [MRG22]. **formula** [CH25, SA23, SA25, WLCF21]. **formulation** [ALB22, AGH21, GL25, LOYS25, TWR21]. **formulations** [PBC+24, VTB+21]. **Förster** [BMR+23]. **Fortnet** [vdHKB+23]. **FORTRAN** [BKRG22, Hor23b, KRG21, RPG+20, NSU20, XHY+24, YSMBA23]. **FORTRESS** [BKRG22, KRG21]. **forward** [BCT20, CMLA25, MD22, SL22, ZJC+25]. **FOS** [CPG+25]. **four** [DDM20, HYL+22, RUV20]. **four-fermion** [DDM20]. **four-loop** [RUV20]. **four-phonon** [HYL+22]. **Fourier** [AL24, ALB22, CCW20, FBMD20, FMBD22, KPST21, KL23b, LS25, LAD+21, LWZD25, OB25, SXY25, SBB+24, YW21, YRNUV25, ZYXC24, ZZZ26]. **Fourier-enhanced** [SBB+24]. **FourPhonon** [HYL+22]. **Fourth** [PG23, CHK25, KBB21, PB23]. **Fourth-order** [PG23, CHK25, KBB21, PB23]. **FPGA** [KMN21, KHR+23, KK20]. **FPGA-based** [KHR+23]. **FPGAs** [WZK+24]. **Fractal** [GSM+22, WLK+25, DdMS25, Gro22, GG24, dMMLOS20, GOS+22, GG24]. **Fractal-constrained** [WLK+25]. **fraction** [CFSV25, CCL+22, GHL23]. **Fractional** [JG24, CZS+21, CLEPF22, CLEP24, GMZ+20, HPY21, JLL+24, MD20b, ZZZ26]. **fractional-step** [HPY21]. **fractionation** [LWhK+20]. **fractioning** [BBH+24]. **fractions** [HvM22, TGBM22]. **fracture** [ZL20].

fragment [PWC24, TSJ+21]. **fragmentation** [KL22, Roh22]. **frame** [GPD+22, PP21]. **framework** [ADC+21, ASU+21, ABB+26, ACD+22, ABB+24b, ABF+23b, BMREC21, BWY25, BC20, BN20, BN23, CE22, CBB+25, CGG21, CK23, Dau23, FZD+24, FSMM24, GSM25, GAGO21, GOCSS+23, GKT+24, HAM+20a, HWL+23, HEF21, JYL+23, JSS+24, JKKN23, KWK+21, KTF22, KSF+22, KVSC21, KSC+23, KSP25, KGT22, KNJ+23, LBS+23, LGZ+25, LYZL24, MEC+24, MB25, MPS+24, MW21, MZL+24, MPH+24, MVF20, MYM+22, NL23a, NT24, NDM+25, PARB25, RSC+22, RGS+21, SSN25, STRF+20, TSB26, UMA21, WXW+21, WICA22, WHH25, WZDL26, WS25, WAK22, WAET22, XFH+22, XCM25, YGZG25, YHY+21, ZGZ+25, ZDW+24, ZIM+25, ZSqXY21, ZHZG23, ZCL+25, ZZZ+25, OBK+20]. **frameworks** [DAA+24, VÁFG+22]. **FRAPCON** [YLK+20]. **Free** [VvBTH20, AMP+21, BRAC23, BMR+23, BW23, DZF25, Din25, Elk25, ELSV24, GM20, GMX+25, HPAW21, IHWG24, JP24, LGDF20, LS24, LMQ+23, LMMP23, MS24, MM23, MHK24b, NBC+24, OKBM23, RG21, SFGK25, SE24, TC26, UO20, Vuk25, WZZ+23, WA21, YZW21, ZMN+24, ZYML24, Zho23, ZHZG23]. **free-boundary** [HPAW21]. **free-particle** [DZF25, Din25]. **free-surface** [LMQ+23, WA21, ZYML24]. **freedom** [HSSC25]. **frequency** [DNG+20, KM23, KD23, MMP20, Oti25, YP24]. **frequency-dispersive** [DNG+20]. **frequency-domain** [YP24]. **FRET** [BMR+23]. **FRET-Calc** [BMR+23]. **freud** [RDH+20]. **friendly** [AMP+21, BMR+24b, HGS20, HWT25, MMCC+22, WXL+21]. **fringe** [MRG22]. **Front** [MMCG26, MHLY25]. **Front-end** [MMCG26]. **frontal** [KMG+20]. **frontier** [LNP+24]. **frozen** [ZXWY25]. **FSEI** [VSM+22]. **FSEI-GPU** [VSM+22]. **ftint** [HNOW25]. **fuel** [KJL+23, NUK+22, YLK+20, ZHM+24]. **fueled** [ZLH+25]. **fuels** [LLL24b]. **Fugaku** [IKM+23]. **Full** [GLN23, PMS+20a, DRZ+21, EGLK20, FBA+20, FYM+22, HML+25, Ken24, LKP24, LHSW+25, MG22, MSU+21, SDXY23, SBB+24, Tan23, WMA+22, YHH+20, YCC22, YML+24, ZZS+25]. **full-** [Ken24, MSU+21, SBB+24, ZZS+25, LHSW+25]. **Full-band** [GLN23]. **full-field** [EGLK20, WMA+22, YML+24]. **full-orbit** [FBA+20, YHH+20]. **full-potential** [Tan23]. **full-scale** [YCC22]. **Fully** [BCD+21, DGHA25, KSM+25, MAMK21, MSM24, BBA23, CPG+25, DTC20, IYP+25, KSF+22, KPSL26, LMRN25, LHC20, MDB+25, OBC+24, Yan21b, YLH+20]. **fully-coupled** [KSF+22]. **fully-decoupled** [Yan21b]. **fully-differentiable** [BBA23]. **fully-implicit** [LMRN25]. **FUMILIM** [SAS20, SAN24]. **function** [AUEO24, AJDS+21, ABF+23a, Ano20c, BND22, BDdM20, Bul21, CZ21, CDT22, CLEP24, GCWZ20, GBH20, HY23, HFP21, HLQL25, Jab20, KKB+24, LWS+23, LM22, Mai25, PPKK21, SWZ23, SLW+25, ZCS+24]. **function-generated** [HLQL25]. **Functional** [CL25a, HCP20, MVK+24, WBK+24, BPMS25, BW23, CZWE23, COP+24, DLW25, DMS+22, FASD20, FWL+24a, GM20, GBR23, GC25, GBD+22, HZ24, IPSW24, IJVJ21, LYC20, LWR25, MHK24b, MDR+20, PSW23, PM21,

RBM25, SXW+20, SLZY21, SHW+21, TMC22, VCF22, YT23]. **Functional-style** [WBK+24]. **functionalities** [JY25, WMA+22]. **functionality** [BBC+24, BC22]. **functionalization** [AUO+22]. **functionals** [MSG+21]. **functions** [AUEO25, ABFP24, Bag22, BA24, BGH22, Ber24, BFE+25, BKOV25, Bzo21, CCMR21, CCK23, CMLA25, CGV+22, FC25, FHD25, GDB10, GST21, HLzY+20, HG22, IKM+24, KK16, KHKL24, KD25, KL20, KKL21, Kor23, LWZD25, LCCC25, LP24, MSHP02, MSHP20, ÖAÖ25, PSK+24, Pot24, RBV+22, SK24, SRS+25, SLE+22, SLZG20, SPM+25, SPS25, TGO25, UZB22, VG25, Xav22, ZD25, PBE25]. **fundamentally** [SWZ23]. **fusion** [AYB24, DFP+20, GBS+20, HSB+24, LKJ+25, LLH21a, MRKY25, NUK+22, NSY+23, ODD+26, PCB+25, RdSH+24, SMA24, TKC+21, TBAR21, TWW22, Xie23, YGSW21, ZDSS23, ZLL+24]. **fusion-evaporation** [AYB24]. **future** [Sjö20]. **fuzzy** [GG24]. **FVM** [WHH25, WZH+25]. **fx** [WZD+25].

G [PAG+25]. **G0W0** [RDV+20]. **gains** [TPCT22]. **Galactic** [KM25a, GB24, Mau20]. **GALÆXI** [KKB+25]. **Galerkin** [CJ21, DGM20, EM25, Esc25, FRN+23, FMHH24, GMZ+20, HWL+23, HWZ24, IPSW24, JKSY22, JSKY25, KSJ+22, KMD+21, KKB+25, LS22, MGX24, Pod25, QWZ+21, SVSC20, SMA24, SS21b, SDBS24, VLHC25, YXX+21]. **Gamma** [HLZH25, CB25, Fis24, GST21, NVT25]. **gamma-ray** [CB25]. **gamma-rays** [NVT25]. **GammaCHI** [GST21]. **Gamow** [MAJ20]. **Garfield** [DBM+24]. **Gas** [KWZ24, FJ22, FTZ+23, HML+25, KPJ24, LF24, LSW+20, LHG24, LJM+25, MEC+24, MGC+23, MZL+24, RCB21, VTW+25, WZZ+23, WCP25, WLX24, YZ20b, ZLLM23, ZWP+22, ZWLX25, ZLH+25, ZCL+25, ZZZ+25]. **gas-cooled** [ZLH+25]. **gas-kinetic** [LJM+25, WCP25, WLX24, ZWLX25]. **gas-particle** [HML+25]. **gaseous** [ABGD+20, SWTC23]. **gases** [WLX24, ZWZ+22]. **Gatignol** [UCSR25]. **gauge** [FFTV23, GHK20]. **gauge-Higgs** [GHK20]. **Gaunt** [ÖAÖ24]. **Gauss'** [OCR+22]. **Gaussian** [RBV+22, BTG22, CCW24, HG22, PPK22, SKEZ24a, ZDJ25]. **GBEES** [HRGGB25]. **GBEES-GPU** [HRGGB25]. **GDGen** [Wan25a]. **GDML** [ACKB23]. **Geant** [EMM+23]. **GEANT4** [LGK+22, MK22, BCD+21, KTF22, Kan23, Kan24, KTKK25, MMCG26, OBC+24]. **Gebremariam** [CCK23]. **Geliosphere** [SBG23]. **GEM** [AFB+24b]. **GEN** [ZWC+20]. **Genarris** [TRB+20a]. **GenASiS** [BC22, CB23]. **gene** [ENK24, CJD+20, MSU+21, WMS+25]. **GENE-X** [MSU+21]. **GenEOS** [ENK24]. **General** [VFS23, XZLX20, ASPDL+21, ASPDL+25, ABF+23b, BFD22, BAB+20, CFPS23, DCRF23, DC22, GK21, HT20, HTK24, Koł22, LQ21, PWD22, RBV+22, RV20, RV21, RVRT22, RMFB23, SXY25, Wor20, XDF20, ZLWBH25, ZWC22, CLEPF22, DBdFdSR21]. **general-purpose** [ASPDL+21, ASPDL+25, ABF+23b, DCRF23, HT20, ZWC22]. **Generalisation** [BCGT24]. **generalised** [LP24, NSU20, TGS+20]. **Generalizable** [CKD+25]. **Generalization** [LQGL21, BDdM20].

Generalized [BL25b, GCWZ20, HvM22, KAG24, MCP23, RZH22, TCY23, BRS25, BS25b, FAC+25, GOST23, GOST25, JG24, OHMK25, ÖAÖ25, YWX+23, ZGSW24, SOH+23]. **generate** [KWK+21, MMM23]. **generated** [HLQL25, Usu25]. **Generating** [May21, TIG+24, CB20, FHD25, WBM+24]. **Generation** [AYB24, fWL24b, ATRD21, CKGW22, FPSZ21, FLW+25, GKT+24, Ilt21, KKY24, LJS21, MHLY25, NFB+26, NL23b, Nog21a, PMSHG23, SPR25, SKEZ24a, SPS25, UBL25, WBF+24, Wan25a, WLL22, WGS+22, YLLW24, YNDJ25, ZWC+20, ZLV23]. **Generative** [STC25]. **generator** [AAA+21, AZH+24, Ada22, AEG+25, AG23, BCT20, BKG+23, DF25, DPR+20, DRR+24, DIO25, For22, GUW+22, JWW+23, KM25b, Koł23, KMS20a, LHZ20, SMKL25, Sjö20, TRB+20a]. **generators** [BIK+21, LAC21, LWS+23, LJC+25, SLW+25, TVAW+25]. **generic** [For22, HyLF23, ZDLS21]. **Genetic** [ASK+25, CZX+21, LFZ20, YNMR24, ZZ21b]. **GenEvaPa** [HyLF23]. **GENIE** [AAG+20]. **GENIE-based** [AAG+20]. **Gennes** [SKDH24, SJCD25]. **geodesics** [WS25]. **geofluids** [ENK24]. **Geometric** [TS23, CSW+25, KAG24, LJC+25, LY25a, LH22, LH24, PBC+24, WHSK24, XQ21]. **geometrical** [MB25, NABM25, PMS+20a]. **geometries** [LLG+24, COW24, CW22, FCL+25, HMR22, LHG+20, OBGA24, SN23, SOW25, SFKC22, SXY25, SBP20, WAN+22, WGS+22, YNDJ25]. **geometrization** [CdBMM25]. **Geometry** [NDM+25, ASPDL+21, ASPDL+25, CZS+21, JKSY22, JSKY25, KRC+20, KBH+24, LEE+21a, LOT+20, MG22, MSH22, SS25, SDBS24, TRN+24, WZZS21, ZGF+24]. **Geometry-aware** [NDM+25]. **geophysical** [SGY24, SGY25]. **GeoTaichi** [SGY25, SGY24]. **get** [SLZY21, XJZ+26]. **GETaLM** [Ada22]. **GetDP** [DNG+20]. **GFCCLib** [PPKK21]. **GGA** [MSG+21]. **ghost** [JGJ20, SXYD24]. **GHW** [Ken25]. **Giant** [BBLB+25]. **Gibbs** [ZY25]. **GiBUU** [SFG+25]. **Ginzburg** [Hor23a]. **GITR** [YGSW21]. **given** [GO23]. **GJK** [YW25]. **gKdV** [HWZ24]. **GKZ** [ABBD23]. **glass** [JRG21]. **glasses** [BPMMP24, VvBTH20]. **Glauber** [SW23, ZTH+25]. **GLE** [Gro23]. **Global** [FA21, HLY25, LW24, PLT+23, ADdM20, KBH+24, LOT+20, LSS24, OGL+21, RV20, RV21, WMS+25, YGSW21]. **Globally** [KP23]. **GLoBES** [TW21a, TW21a]. **GOD** [KRCY25]. **Godunov** [MOV21]. **Goodbye** [Her25]. **goodness** [ADdM20]. **Gordon** [GGCW24, GMZ+20]. **Gordon-type** [GMZ+20]. **Goupil** [NVT25]. **governed** [JM24, ZL25]. **governing** [WYZZ23]. **GPEs** [JLL+24]. **gpGPU** [PNL+24]. **GPGPUs** [CGSO20]. **GPI-Space** [BBH+24]. **GPIC** [XHY+24]. **GPR** [RBV+22]. **GPR_calculator** [OKZ25]. **GPSD** [KAG24]. **GPSD-3D** [KAG24]. **GPU** [AGH21, AUEO24, AUEO25, ALBL25, ANS25, BBF+25, BHC+25, BL25b, CCMR21, CCC20, CFLR24, CL25b, CESD+23, DMS+22, DAC+23, DS22, DFG+23, DRZ+21, DFU20, DHE+24, EGLK20, EPM23, ECS23, GSL24, GC25, GB22, HPY21, HL21, HRGGB25, HTL+22, HLzY+20, HG22, HLS25, JES25, JS24, JMOC21, JĎD+21, KKLZ23a, KWZ24, KL23b, KRCY25, KMR22, KT23, KNJ+23, LG23, LJQ+22, LHG24, LMHUR23, MWJL23,

MTW+24, MDB+25, MVK+24, MBC+24, MHK24b, NT24, Nie20, Nie22a, NRG24, OCK+24, PIFPA+25, PSK+24, RLW+24, RCX24, RZH22, REZS25, RBWD+24, RBWD+25, RCW+20, RAJ+24, SYFT23, SXYD24, SCL22, SBG23, SW25, TLC+21, TSB26, TMH+23, VSM+22, WWM+22, WZX+25, WCP25, WZDL26, WWJ+22, WVK21, XBL+20, XZYS25, XCC+25, XHY+24, XLG+23, YCCW23, Yan23, YKK+23a, YLLW24, YLK21, YRNUV25, zYMK+21, ZMC23, ZYY+26, ZPZH20, ZCP+22, ZHI23]. **GPU** [ZTV+24, ZPL+24]. **GPU-accelerated** [ANS25, BHC+25, CFLR24, CESD+23, ECS23, HLS25, JMOC21, KL23b, KMR22, KT23, KNJ+23, NT24, RLW+24, RZH22, RBWD+25, RCW+20, SCL22, TSB26, WWM+22, WZDL26, WWJ+22, WVK21, XBL+20, XZYS25, XCC+25, XLG+23, YLK21, ZHI23]. **GPU-acceleration** [JS24, zYMK+21]. **GPU-based** [CL25b, MTW+24, WZX+25]. **GPU-enabled** [GSL24, YRNUV25]. **GPU-native** [JES25, MDB+25]. **GPU-offload** [SYFT23]. **GPU-parallelized** [KKLZ23a]. **GPUs** [CZ21, Ein20, HL21, LSS+25, MKHT20, NS20, ODR+22, RBFB20, WWZ+25, WA21, WS20, WZPW20, ZW20, ZDSS23]. **Grad** [AIZ23, ELSV24, HSB+24, LZ21, SVSC20]. **Grad-Shafranov** [HSB+24, LZ21]. **Gradient** [RdPS24, AUEO24, CC25, CL22a, DYH+25, GZW20, HNOW25, KL23b, LXYG25, RHJ+25, SFGK25, Wan25a, WCSW25, WHSG24]. **gradient-based** [KL23b]. **Gradient-enhanced** [RdPS24, DYH+25]. **gradient-flow** [HNOW25]. **grading** [TIG+24]. **grain** [XSM22]. **grained** [AHM+23, JSW25, MBCC23, OCK+24, WWZ+23, ZKZ+24]. **graining** [NA20]. **GRANAD** [DKM+25]. **GRAND** [BBLB+25]. **GRANDlib** [BBLB+25]. **granular** [EGKH24, LY25c, RMR+22, ScQYL25, TLC+21, YLLW24, ZZ21a]. **graph** [GF23, MMV+24, Nog21a, RSC+22, ZYML24, ZJC+25]. **graph-based** [MMV+24]. **graph-theoretical** [RSC+22]. **graphene** [CSBF23, SRK+24, DKM+25]. **GraphIAST** [DvHSdS22]. **graphic** [DC22, AGH21]. **graphical** [DvHSdS22, YR21]. **graphics** [MBDD25, ZDJ25]. **GRASP** [SPS25, SLW+25]. **GRASP2018** [SLE+22]. **GRASPC** [SPS25]. **Graspg** [SLW+25]. **grating** [LS25]. **Gravitational** [CFPS23, BBM+25]. **gravity** [BLG24, MCMS24]. **gray** [FXQS21, JLW24]. **Green** [Ano20c, PBE25, AUEO24, AUEO25, CDT22, GCWZ20, IYP+25, KK16, PPKK21, SPM+25, ZCS+24]. **Green/WeakCoupling** [IYP+25]. **Greenwood** [Bul21]. **GREENY** [LHSW+25]. **Grid** [Vuk25, BC21, BW23, DFG+23, Flo24, GUW+22, MSM24, MSHP02, MSHP20, NDFL24, TCSA21]. **grid-based** [MSM24]. **Grid-free** [Vuk25]. **Gridap** [VB22a]. **grids** [CAC+22, CL25b, DGM20, LH22, LH24, LJS21, PLF20, SRML20, SS21b, TS23, VB22b, WWZ+25, YXX+21]. **GRILLIX** [SFP+26]. **GROMACS** [RG21]. **Gross** [FJ22, BKRG22, CR20, CCW20, CWJ21, GTA21, KRG21, KMR22, KPL+21, RJVM25, YSMBA23]. **ground** [CR20, GO23, HMW25, KW23, ŚGBK26, WCSW25]. **ground-state**

[HMW25, KW23]. **Group** [LS21b, NL23b, WV22, CFBRE24, CFBRE25, CPL21, DH22, Fon21, IPSW24, LCZ+21, Sij23, WLL22, YS22]. **GroupMath** [Fon21]. **groups** [LZYY23]. **Grover** [ZLP25]. **growth** [Dan24, JNVC+25, PYH+25, SX25, WNS+21, ZX25]. **gSeaGen** [AAG+20, AAA+25]. **GSGPEs** [CR20]. **GSGPEs-v1.1** [CR20]. **GSvit** [KGN+21]. **GTS** [ZY25]. **GUI** [KKB+24, MMCG26, Soz21]. **GUI4dft** [Soz21]. **guide** [JDS20, KSIL22, WAYL23]. **guided** [TVSM25, ZMN+24, ZHS+20]. **guided-mode** [ZMN+24]. **guiding** [BKP22, BJS+23, BLN+25, MHP23, XQ21]. **Gutzwiller** [PWD22]. **gVOF** [LH22]. **GW** [HM24b, HM24a, KSM+25, Kut20, SLZG20, LACL24]. **Gyrofluid** [Ken24, Ken25, LHSW+25]. **Gyrokinetic** [OGL+21, YYC+23, CJD+20, FUTJ25, JKSY22, JSKY25, KSJ+22, KBH+24, LOT+20, MSU+21, SBB+24, YC20, YWSE25, ZDSS23, ZYX21, ZYX22].

H [AKK+24, AYI+24, BBMS25, KKM+20]. **H-COUP** [AKK+24, KKM+20]. **H-wave** [AYI+24]. **haCC** [CMS24]. **hacks** [Fis24]. **HADOKEN** [CW22]. **Hadron** [BDK+23, For22, SZY+22]. **hadronic** [KOT23]. **hadronically** [TSV+25]. **half** [LH24, TMH+23]. **half-spaces** [LH24]. **Hall** [TWR21, VGGP+21]. **Hall-MHD** [TWR21]. **Halo** [BHK+21, FBA+20]. **Hamiltonian** [GQ22, KF23, LHZ20, NKP20]. **Hamiltonians** [LQ21]. **handle** [KL23a]. **Handling** [WYHW24]. **handyG** [NSU20]. **hard** [SWZ23]. **Hardware** [WZK+24, CCM20, EOR21, MRH+23, TAY+24, WWM+22]. **hardware-accelerated** [MRH+23]. **Harmonic** [WHSK24, IYC+24, LSS24, MSN+22, PMSHG23, RZY+24, SKEZ24a, SMGK21, dMMLOS20]. **harmonic-based** [IYC+24]. **harmonic-oscillator** [SMGK21]. **harmonically** [MPSK21]. **harmonics** [DEV20, Efr20, Efr21a]. **Hartree** [MSN+22, RSM21, AYI+24, CLS+22a, KL25, WGG20]. **Hasegawa** [Ken25]. **HDMR** [RBV+22]. **head** [XYZR25]. **HEAPS** [MMCC+22]. **heart** [VSM+22, GSC+26]. **heat** [AS24a, Bel24, CJZ21, KKPC23, LGX+25, LFL+24, MBTB21, MMYU22, MM22, SKS24, UBL25, WGJY25, XLL+22, YA25]. **heat-transport** [MBTB21]. **heaters** [SS22]. **heavily** [WGWG25]. **heavy** [AZH+24, BKBL22, Du25, MBH21, MEH21, NUK+22, OEI+22, TIG+24, YZL+23, YZW22]. **heavy-ion** [Du25, MBH21, MEH21, YZL+23]. **heavy-quarkonium** [OEI+22]. **HEJ** [ABB+22]. **Hele** [Yan21b]. **heliosphere** [MNS+24, SBG23]. **helium** [FN23, LHTP+24, VB22b, YA25]. **helium-like** [FN23, LHTP+24]. **Hellmann** [NVC20]. **Helmholtz** [LGDF20, OCR+22, OKBM23, VPPQ21, VPPQ+24]. **help** [SWZ23]. **helpful** [Art25]. **HemeLB** [ZMC23]. **HEP** [KMN21, PP21, WZK+24]. **HEP-Frame** [PP21]. **HepLean** [TS25]. **HepLib** [FXZT21, FTG23]. **HEPLike** [BC20]. **HepMC3** [BIK+21]. **Hermes** [DKM+24]. **Hermes-3** [DKM+24]. **Hermite** [KMD+21, LWZD25, PMK+23]. **Hermite-discontinuous** [KMD+21]. **Hermitian** [FKK+21, HKHY25, zYMK+21, YT22]. **Hessian** [SFGK25]. **Hessian-free** [SFGK25]. **hetero** [ZYH25]. **Heterogeneous**

[GB22, HML+25, MDDI21, RCX24, Ryd20, ZYY+26, BB24b, Hal21, LMRN25, LFP25, LLZ+23, LDGN24, LJS21, RSC+22, RSS25, SCF20, WWZ+23]. **heterostructures** [Che23, SDV+25]. **hfbtho** [MSN+22]. **Hfszeeman** [LGBJ20]. **Hibridon** [ADW+23]. **hidden** [Cel24, GSV23, SCT21, WYZZ23]. **Hierarchical** [BKS22, BCK+26, LDGN24]. **Hierarchy** [LJC+25]. **Higgs** [KM20, KMS20b, AKK+24, BHH+20, BMM21, BBM+25, DDM20, GHK20, KKM+20, KKSV24, KMU+23, KM20, KMS20b, WLZ+25]. **Higgs-boson** [BHH+20, DDM20]. **HiggsBounds** [BBH+23]. **HiggsSignals** [BBH+23]. **HiggsTools** [BBH+23]. **High** [AALK20, ABB+22, BPMMP24, BBTW25, BDR+20, ČPF+24, Gav25, HSA22, KPL+21, LMWW24a, LMQ+23, LOYS25, LSS+25, NT24, PLL24, RBV+22, RBFB20, SGPTG25, XLL+22, YXX+25, AGJ+23, AFJ+23, ABB+26, BBV+22, ADF+22, BCCM+24, BL21, BTK24, BMSP21, BBA23, BCS25, BCTS22, BHC+25, BLM+22, BSC+21, CZTF23, CC25, CKP+25, CKC+21, CKGW22, CWJ21, Dan24, DB24, DL24, DBV+24, DFU20, DS20, EGLK20, EVMP20, EPM23, EES24, FLS25, FJ22, FXZT21, FTG23, FRN+23, GRP+25, GBS+20, GZW20, GB22, GHL+22, GKT+24, GAS+23, ABF+25, GGCW24, GFD+24, HMYH22, HRGGB25, HA23, HWL+23, HSO+22, IUJ21, Jab20, JGSE25, KAB+21, KMN21, KSL+25, KSC+23, KGT22, KKB+25, LLL+24a, LF24, LLZ+22, Man24, MMCC+22, MT23, MCB+20, NJSY22, NY25, Nie22a, NAZ+21, OCC23, OSK+21, PMSHG23, PCS+23, PFG22, QWZ+21, RDH+20, RJVM25]. **high** [RZY+24, RSR+25, RdPS24, RCW+20, SPC25, SRC21, SRS+25, SMC+22, SGY24, SGY25, SSV22, SH26, SDBS24, TOV25, TCY23, Tan24, TV24, TS25, VAS+25, VLS22, WXY20, WXL+21, WGGC22, WCP25, WZDL26, XPF+24, XHY+24, YJLW21, YK21b, YKK23b, ZGZW23, ZZS+25, ZYH25, ZY25, ZDLS21, Zho23]. **high-** [AFJ+23]. **High-accuracy** [LMQ+23, GB22]. **High-degree** [LMWW24a]. **high-dimensional** [DS20, ABF+25, HRGGB25, SRS+25, SMC+22]. **high-efficiency** [Tan24, XHY+24]. **high-efficient** [LLZ+22]. **High-energy** [ABB+22, BCCM+24, Dan24, HMYH22, HSO+22, Man24, TOV25]. **high-entropy** [MMCC+22]. **High-fidelity** [LSS+25, XLL+22, BMSP21, CKC+21, KSC+23, MCB+20, RdPS24, WZDL26]. **high-intensity** [HA23, Nie22a]. **high-level** [ZGZW23]. **High-order** [ČPF+24, LOYS25, ABB+26, BBV+22, ADF+22, BBA23, BHC+25, BSC+21, CC25, CWJ21, DBV+24, DFU20, EVMP20, EPM23, FLS25, FJ22, FRN+23, GBS+20, GZW20, GHL+22, GKT+24, GGCW24, HWL+23, KKB+25, LF24, PMSHG23, PCS+23, QWZ+21, RZY+24, RSR+25, RCW+20, SH26, SDBS24, TCY23, VLS22, WXY20, WCP25, YK21b, YKK23b, Zho23]. **high-pass** [ZZS+25]. **High-performance** [AALK20, BPMMP24, BDR+20, Gav25, HSA22, KPL+21, BCS25, BLM+22, CZTF23, GRP+25, JGSE25, MT23, OSK+21, RJVM25, SGY24, SGY25, SSV22, VAS+25, YKK23b]. **high-precision** [CKP+25, DS20, KAB+21, KSL+25, KGT22]. **high-pressure** [BTK24, ZY25]. **high-resolution** [EGLK20]. **high-speed** [BL21, CKGW22, DB24, DBV+24, OCC23]. **high-temperature** [DL24].

High-throughput [YXX+25, NAZ+21, PFG22, WXL+21, WGGC22, ZYH25]. **Higher** [LLY+22, QLX25, ARPB26, BA24, HTL+22, HAO+25, LLZ+22, SLL22, SP20, Wan25b, YS22]. **higher-energy** [SLL22]. **Higher-order** [LLY+22, ARPB26, HAO+25, LLZ+22, SP20, Wan25b]. **highly** [DRM20, LAD+21, LDGN24, OLNG21, PCS+20, TWR21, WBM+25a, WYT23, YSX+20, ZPL+24]. **highly-coupled** [TWR21]. **highly-efficient** [ZPL+24]. **highly-scalable** [OLNG21]. **HighPT** [AFJ+23]. **Hilbert** [LY25b, SKM+21]. **Hilliard** [Yan21b, CY24, KSF+22, LM21a, LHC20]. **HiPACE** [DBH+22]. **histogram** [Sit23, Sit24]. **history** [DG25b, UCSR25]. **HL** [TPS+24]. **HL-LHC** [TPS+24]. **HLS** [WZK+24]. **HODG** [HWL+23]. **Hodge** [VPPQ21, VPPQ+24]. **Holm** [ZYXC24]. **HoloGen** [CKGW22]. **hologram** [CKGW22, MZD+20]. **homo** [ZYH25]. **homo/hetero** [ZYH25]. **homogeneous** [LHTP+24, REZS25, YZHL22]. **homomorphic** [KPSL26]. **homopolymer** [LM21a]. **HONPAS** [SXW+20]. **horizon** [CLH+25]. **HORSE3D** [FRN+23]. **Hotspice** [MDL+25]. **Householder** [dBBVA20]. **hp** [MCB+20, LJM+25, XCM25, TMC22]. **HPC** [ARLDG24, BBA25, EMB+25, GTA21, OLNG21]. **hPIC** [SMC+22]. **hPIC2** [MRH+23]. **HSMA** [LYX22]. **HTEM** [YXX+25]. **HTMPC** [WGWG25]. **HTR** [DFU20, DP21, Di 22]. **HTR-1.2** [DP21]. **HTR-1.3** [Di 22]. **Hubbard** [TMC22]. **Hubble** [TSAK21]. **human** [ZMC23]. **human-scale** [ZMC23]. **hundred** [CLZ+21]. **hundred-billion-metal-atom** [CLZ+21]. **hunting** [JDS20]. **Hybrid** [AAB+21, AAMY23, CJ21, KRCY25, LJQ+22, OBL+21, XYZR25, YT23, ASC+24, Bav24, CMS24, DMS+22, GEM+25, GB22, GHK20, GP22, HPAW21, HSSC25, LL23, LS24, LLL+25a, MRH+23, OB25, PYH+25, RCS21, SKYQ21, SXW+20, TWR21, WXX24, YW21, YD20, ZYML24, ZWL25, ZLS+22]. **Hybridizable** [SVSC20]. **hydraulic** [ZL20]. **hydraulics** [ZLH+25]. **hydrocarbons** [MRG22]. **hydrodynamic** [CSBF23, DACA+22, KD23, SLC+22, WDMZ24]. **hydrodynamically** [CZY20]. **hydrodynamically-coupled** [CZY20]. **Hydrodynamics** [AMA+20, AYWKL24, FRN21, KP23, LMQ+23, LYZL24, MXH+24, ODR+22, RZH22, Sij23, WGWG25, ZCWY20, ZRZ+21, ZHZG23, BL25a, RVDT25]. **hydrogen** [LTL+25, SCT21]. **hydrogenic** [FN23]. **hydrogeology** [Org22]. **hydrophilicity** [SD24]. **Hyper** [GSM+22, BA24, Gro22, GOS+22, GG24, ZK25]. **Hyper-Fractal** [GSM+22, Gro22, GOS+22, GG24]. **hyper-radial** [BA24]. **Hyperbolic** [TWW22, JKSY22, LZLT25, MD20b, PMS+20a, ZLWBH25]. **hyperelastic** [NDM+25]. **hyperfine** [BGHC23, LGBJ20]. **hyperfine-induced** [LGBJ20]. **hypergeometric** [ABF+23a, ABBD23, ABFP24, Ber24, ÖAÖ25]. **hyperparameter** [TV24]. **hyperplanes** [LH24]. **HyperRAF** [BA24]. **hypersonic** [DFU20, GDJG23, Di 22, SRS+25, ZYY+26, DP21]. **hyperspectral** [GG24]. **hyperspherical** [DEV20, Efr20, Efr21a]. **hyperthermal** [JS22]. **HYPIC** [WXX24]. **hysteresis** [CKD+25].

I2DM [LGZ+25]. **IAST** [DvHSdS22]. **ice** [MDL+25]. **ICPINN** [LCCC25]. **ICSFoam** [OCC23]. **ideal** [BHC+25, CC25, LS24, YGZG25, DvHSdS22]. **identical** [XSM22]. **Identification** [KSDH23, WLF+24, WPMK21, Bav24, CZB+23, Ham20b, LNP+24, MRG22, TAGC22b, WNV+25]. **identifying** [PRR23, WYZZ23]. **II** [ARLDG24, ATRD21, BBB+21, BN23, CFPS23, NCF+23, QLX25, ZZZ+25]. **III** [HLCD20, Nog21b]. **III-nitride** [HLCD20]. **IIM** [WT22]. **ill** [SWZ23]. **ill-posedness** [SWZ23]. **Illustration** [NDFL24]. **Image** [OBK+20, CLH+25, CEC+24, KLD+21, MCP23, OSK+21]. **image-based** [OSK+21]. **images** [GOS+22, GG24, PSK+24, ZMK+25]. **imaginary** [KCS22]. **imaging** [ANU21, XYZR25, Yan24b]. **IMEX** [YWTK23]. **immersed** [BCHE21, TGBM22, VSVV25, WWZ+25, YSX+20, ZPZH20, Zha20]. **immersed-boundary** [YSX+20]. **immersed-finite-element** [BCHE21]. **immersive** [TL20]. **Impact** [GAA+20, FMCB+20]. **IMPC** [ZYG21]. **IMPC-Burnup2.0** [ZYG21]. **imperfect** [YKJ+24]. **IMPGYRO** [YHH+20]. **imple** [VMRFC23]. **implement** [MD20b]. **Implementation** [BN20, BN23, CJD+20, Din25, EML22, GP25, GWZ+25, IYC+24, IHWG24, IYP+25, KDK23, KGT22, KM22, KAS24, LEE+21a, NG21, NBB+21, OV23, SE25, WMS+25, YCCW23, YD20, ZRH21, BBMS25, BL25b, CL25a, CZTF23, DS22, DL24, Dür23, EGLK20, FWL+24a, GBR23, GJEA25, HAO+25, JĎD+21, KL25, KRE22, KGSL25, LYC20, LHG24, LNB23, MWJL23, MR22, Mar22, MVK+24, MZL+21, MHP23, MDP22, PWD22, PM21, PGS+24, RG21, RBM25, RMFB23, RAJ+24, RCS21, SYFT23, SRE+24, SNG20, SCZP+25, SFG+25, SW25, SDBS24, TVAW+25, VÁFG+22, WZK+24, XOTI22, Yan25, Yan23, YML+24, ZMN+24, ZZZ+20]. **Implementations** [YLIO22, HG22, MMFdL21, RBFB20]. **implemented** [DACA+22, LYX22, SN23]. **Implementing** [DRB22, MD25]. **Implicit** [LAC+25, TWR21, ACT25, BCHE21, BTK24, CL22b, CCW20, DTC20, DBV+24, DBR24, EVMP20, GTB24, KBB21, KBSL22, LMRN25, LOYS25, MAMK21, OCC23, PMK+23, RDR+20, RC23, SN23, SXYD24, TKS22, TSB26, VLS22, YZ20b]. **implosion** [NUK+22, TKC+21]. **imposition** [MVF20]. **improper** [MBCC23]. **Improved** [BBC+24, DB24, DACA+22, HK24, Jab20, VOLU25, CML+24, FFLR20, GLMW25, HYLC25, HVR+25, LY24a, Mag25, MZ22, RCGS25, SXYD24]. **Improvements** [AAD+24, CK23, EVFRHR23, KKL21, RBWD+24, SMO20b, WMA+22, ZLK25]. **Improving** [BGR23, CKS25, KRJ23, PP21, PCB+25]. **impulse** [HMM22, OYC24]. **impurities** [YHH+20]. **impurity** [ACS+22, CFBRE25, MSY+21, NSY+23, SPM+25, YHH+20]. **IMT** [SXC+25]. **in-context** [TC26]. **in/dependent** [Kar23a]. **incident** [ZLLZ25]. **including** [BBB20, FGC+26, KOT23, KM20, KMS20b, MOV21, NFB+26]. **inclusive** [BKG+23, ZDLS21]. **incommensurate** [LF25]. **incompressible** [BRS25, CS22a, CJZ21, Cos22, EAOSY25, FBMD20, FRN21, HPY21, HLY25, KBSL22, KRE22, LJH+23, ODR+22, TGS+20, WT22, WF25, YWTK23,

ZCD+25]. **incorporating** [WAC25]. **incorporation** [WHH25]. **Incremental** [JGSE25, KFHR24]. **independent** [ADW+23, BV21, FMCB+20, MSU+21, WH23]. **index** [BMR+24b, MWJL23]. **indices** [BWY25]. **induced** [LGBJ20, OYC24, Roh22, STC25, SJY18, SJY20]. **industrial** [WVT+25]. **Industrialization** [BCCM+24]. **Inelastic** [HSLC24, BKG+23, GSV23, MBJB24, SMB20]. **inequality** [YYH21]. **inertia** [OS24]. **inertial** [LLH21a, NUK+22, TKC+21, ZLL+24]. **inexact** [SLC+22]. **Inference** [CV21, LM22, BB24a, HL21, KKP22]. **infinite** [LLL25b, RRC+24]. **influence** [AS24a]. **information** [Sai25]. **Informed** [LY22, BS25b, FC25, KD25, LGX+25, LCCC25, PARB25, RRC+24, RPGG25, SE24, WBF+24, WHY+25, WHQS26, XYZR25, ZJC+25, ZD25, tZHM+25]. **infrastructure** [CZA+23, zYCD+20]. **INGRID** [GUW+22]. **inhomogeneous** [CDML25, ZWL25]. **initial** [AS24a, BS25b, FYW23, LY25a, SRML20]. **initialization** [BL25a, NR21]. **initialize** [CCL+22]. **Initio** [vRCM21, BDP+21, JPJ+23, MMC+21, FN23, KSG22, MLD+22, SLBR22, SLIC24, VLHC25, ZGZW23, GFML25, IMB+22, KSM+25, KMM21, LWC+21, NYN+21, PP23, RTRB21, YLH+20, ZPL+21, TDR+20, YHY+21]. **injection** [SKW25, WAK22]. **inland** [GRP+25]. **Inline** [TW21b]. **innovative** [WGJY25]. **inorganic** [ZHS+20]. **input** [GHL23]. **inputs** [GBH20]. **insight** [RBV+22]. **insights** [BMI23]. **inspired** [NDFL24, WHSG24, HSLC24]. **instabilities** [MTW+24, MD20b, YYC+23]. **instability** [LY24a]. **installed** [XOTI22]. **instantaneous** [HSLC24]. **instruction** [PNL+24]. **insulator** [MCP23, SXC+25]. **insulators** [YI22]. **Integral** [KLMU21, LCCC25, SC20, BL25a, CKT21, DL24, FN21, GOST23, GOST25, LLL25b, MN21, SSV22, SZ24b, VPS23, VTB+21, XFH+22, YSI+24, YZHL22]. **integral-based** [LLL25b]. **Integrals** [HY23, ABBD23, ABD+23, Arn20, BA24, BP25, BDF+25, Bzo21, DS20, DEdM24, Flo24, GHT25, GLMW25, HNOW25, Hid21, HG22, Lee21b, LM23, PBC+24, SMO25, UZB22, WW21, WBM+24, WZ25]. **integrated** [CPG+25, Gag25, Gag26, PBG+25, WBM+25a, Yan24b]. **Integrating** [GEM+25, KMM21, KSP25]. **integration** [Bar22b, BMT23, BL25b, CL20, CCK23, CNS22, DdMS25, DBR24, EML22, GDB10, HPY21, HW22, KBSL22, KMR22, Koł23, Koł25, LC24, MPQ+22, NJT24, PMK+23, PW25, STA20, SLZ+24, TSL21, TPCT22, WZPW20, WBM+24, WBM+25b, dVAR+24, BHSS25]. **integration-by-parts** [WBM+24, WBM+25b]. **Integrations** [ZW20, CZ21]. **Integrative** [FYM+22]. **integrator** [CL22b, EOR21, QWZ+21, TBAR21]. **integrator/WENO** [EOR21]. **integrators** [NJT25, SFGK25, TM24, ZK20, ZK25]. **Integro** [ASW20]. **Integro-Differential** [ASW20]. **Intel** [OLNG21]. **intelligence** [PMSHG23]. **Intelligent** [NMA+25]. **intense** [BAB+20, Tan23]. **intensity** [Dan23, DDW25, HA23, Nie22a]. **intensive** [BKS24a]. **inter** [JNVC+25].

inter-surface [JNVC+25]. **interacting** [LJQ+22, MBG+20, WS25]. **interaction** [AAMY23, ASK+25, CKP+25, DL24, FBA+20, GCK21, HHVB21, HLCD20, JMOC21, LBS+23, MMP+24, MSM24, Nie22a, RZY+24, SNG20, TDD+25, UAS22, VSM+22, ZWL25]. **interaction-expansion** [SNG20]. **interactions** [ASA+22, AB21, BFI+21, CGR21, CSW24, DLW25, DG20, FN23, Gar21, HA23, KOT23, Kar23a, LMX+21, MLYA26, MLD+22, MRH+23, NBS+20, NBB+21, PWD22, PFG22, SKdSB25, Tan23, YKSH20, YGSW21, ZPL+21]. **interactive** [ABB+24b, GUW+22, KKB+24, MMCG26, TL20]. **Interatomic** [SRK+24, DRB22, DBdFdSR21, HTS+21, KDH+25, KMG+20, MPN+21, SKS24, WAET22]. **Interface** [AACE+21, BMREC21, KMY+23, AKW21, BLN+21, CL25a, DvHSdS22, FAZ24, HWAA22, LY24a, PFG22, SRT+25, SDV+25, TDR+20, VMRFC23, WXL+21, YWTK23, YHY+21, ZDG+21]. **interfaces** [DCSKM25, DTGE21, GB20, MCP23, WT22, XSM22, YR21]. **interfacial** [SPTPR21, SPR25, UO20, YWK+24]. **intermediate** [LGBJ20, MLD+22]. **intermediate-mass** [MLD+22]. **Intermediates** [RG21]. **intermetallic** [AMP+21]. **internal** [BBA+20, CZB+23, CP25b, ZCD+25]. **interoperability** [BMREC21]. **InterPhon** [YHY+21]. **interpolating** [PBE25]. **Interpolation** [KKL21, YLL+22, AL24, BBTW25, DS20, FCdNA25, FMHH24, Ilt21, JV25, KOT23, KKLZ23a, KKLZ23b, KFC+20, WVK21]. **interpolation-based** [KKLZ23a, KKLZ23b]. **interpretability** [BNL25]. **interpretable** [TC24]. **interpretation** [BSS+23, RMFB23, TRB20b]. **interpreting** [Hua24]. **interpretive** [PBG+25]. **intersection** [LH24]. **interstitial** [WLF+24]. **intrinsic** [JGJ20]. **Introducing** [PSK+24]. **introduction** [BM20, LSY+25, WOP+20]. **intuitive** [YR21]. **invariance** [CLS22b, CJZ25]. **invariant** [ZYXC24]. **invariant-preserving** [ZYXC24]. **invariants** [GBR23, LS23]. **Inverse** [Sva24, AG23, ASK+25, HL21, TCD20, XLG+23, ZJC+25, ZS24]. **inversion** [CDML25, DRZ+21, GST21, HLZH25, JY25, MN21, YP24]. **inverted** [CJZ21]. **inverters** [ABD+25]. **investigated** [YLP+24]. **Investigating** [ATC+23, YA25]. **Investigation** [SCF20, MVK+24, MZD+20, WBvdH20]. **Investigations** [VG25]. **InvFD** [MN21]. **involving** [BA24, CJZ25, LDUN25]. **ion** [Ada22, BFT20, Du25, FYM+22, GSV23, JS22, KLD+21, LS21a, LGZ+25, LLL+25a, MAT+25, MBH21, MEH21, MRKY25, NUK+22, PK24, PFG22, SNP+20, SMC+22, ST23b, TWR21, TBAR21, WXX24, Xie23, YZL+23, KOF21]. **ion-ion** [GSV23]. **ion-material** [PFG22]. **ionization** [BHK25, MLYA26, SZNW23, TNL+22, ZNW25]. **ions** [BKBL22, OHMK25, SJP21a]. **IR** [APST25, KSG22]. **IRAND** [KRJ23]. **irradiated** [CHY+24]. **irradiation** [LGZ+25]. **irradiations** [MVK+24]. **irreducible** [GWPW21, IMB+22, LCZ+21, MONW21]. **irregular** [TS23]. **IrRep** [IMB+22]. **Irvsp** [GWPW21]. **Ising** [BPMMP24, BBF+25, HL21, OBL+21, RBFB20, VAS+25, WZC+24, YM21, ZLP25]. **isoconversional** [RHLTG+22]. **isolated** [BRA+25]. **IsoME** [KSL+25]. **isomeric** [WGS+22].

isosurface [ZGF+24]. **isotherm** [BRAC23]. **isothermal** [FA20b, LHG24, RHLTG+22]. **isotopes** [KAB+21]. **isotropic** [REZS25]. **ISPH** [FRN21, MRN20, ZYML24]. **Issue** [GM24, SZY+22]. **Issues** [LS21a]. **ITER** [COJ+22]. **iterated** [LHG+25, WW21]. **iteration** [HPAW21, WHQS26, ZGSW24]. **iterations** [Ano20c, KK16]. **iterative** [DCZ23, FWL+24a, GQ22, KKY24, MD25, MRN20, SGS23, WLCF21]. **ITVOLT** [SGS23]. **IV** [MSN+22].

Jacobian [LMMP23, Zho23]. **Jacobian-free** [LMMP23, Zho23]. **January** [Ano20r, Ano21q, Ano22q, Ano23q, Ano24q, Ano25q, Ano26b]. **Jas4pp** [CGG21]. **JaSTA** [Hal21]. **JaSTA-3** [Hal21]. **JAX** [BBA23, CP25a, TSB26, XLG+23, BBA25]. **JAX-based** [CP25a]. **JAX-FEM** [XLG+23]. **JAX-Fluids** [BBA23, BBA25]. **JAX-WSPM** [TSB26]. **Jefferson** [AEG+25]. **JefiGPU** [ZCP+22]. **Jefimenko** [ZCP+22]. **JeLLyFysh** [HQF+20]. **jet** [BP21, LNP+24, LIG+24, Roh22]. **jet-fragmentation** [Roh22]. **jet-tagging** [LNP+24]. **JFNK** [HA21]. **Jiezi** [ZCS+24]. **JIT** [VB22a]. **joint** [HFP21]. **Jones** [BRA+25, SHRK22]. **Josephson** [Gul20]. **JRAF** [Bag22]. **Julia** [Bag22, BA24, FASD20, MASFP25, OAB+25, VB22a, WAR+25, WF25, fWL24b]. **July** [Ano20s, Ano21r, Ano22r, Ano23r, Ano24r, Ano25r]. **junction** [BMI23]. **June** [Ano20t, Ano21s, Ano22s, Ano23s, Ano24s, Ano25s]. **Jupyter** [DBE+24]. **just** [May21]. **JuTrack** [WAR+25]. **Jx** [YKSH20].

KaiEDJ [LKYH25]. **Kalman** [AGJ+23, BIL25, BDGS21, WYZ25]. **KAN** [TOV25]. **KANTBP** [CGV+22]. **kappa** [BXW+25]. **kappa-Maxwellian** [BXW+25]. **Kardar** [SX25]. **KARL** [SKS25]. **KATRIN** [SKS25]. **Kawasaki** [CZY20]. **Kelbg** [DL24]. **KelbgLIP** [DL24]. **Kernel** [FAC+25, STA20, BND22, LGDF20, TWW22]. **kernels** [EPM23, Elk25, KMRB24]. **KGMf** [KFPV21]. **KinBot** [VZ20]. **kinematical** [Dan23]. **Kinetic** [EM25, KWZ24, BB21, CP25b, CLEP24, DIKSN24, FBC+21, GTB24, HEF21, JHH+25, KWB+25, KDIN+23, LSW+20, LHG24, LJM+25, LWV20, MTW+24, MAMK21, RSC+22, SKC21, WCP25, WLX24, ZK25, ZWP+22, ZWLX25, ZYX21, ZYX22]. **Kinetics** [CV21, CLEPF23, DF25, FCTFR20, MPH+24, RHLTG+22, RCX24, ZCL+25, ZZZ+25, DdCAG23]. **KinetiX** [DF25]. **kink** [ZJM+21]. **Kira** [KLMU21, WBM+25b]. **kit** [SCCB25, WGGC22, MAMK21, CZWE23]. **KKMC** [AJW+21]. **KKMCee** [JWW+23]. **Klein** [GGCW24]. **KLIFF** [WAET22]. **KM** [BXW+25]. **KM3NeT** [AAA+20, AAG+20, AAG+24, AAA+25]. **kMap.py** [BYL+21]. **knife** [KDH+25]. **knockout** [OYC24, SW23]. **Kohn** [JZW+22, LG23, LWR25, YT23]. **Kokkos** [SH26, EVMP20]. **Koopman** [NJ25]. **Kovchegov** [CKS25]. **KPROJ** [CWC25]. **Krook** [FJ22]. **Krylov** [HKY+21, WPMK21, Zho23]. **KSSOLV** [JZW+22]. **Kubo** [Bul21, SP23, WLCF21]. **Kutta** [KBSL22, KFC+20].

L [CY24]. **L-MAU** [CY24]. **lab** [DHK+21, AEG+25, DG20]. **LaBCof** [NL23a]. **label** [WLK+25]. **labels** [KTC25]. **Lac** [BB24b]. **ladder** [LDUN25]. **laden** [GWA+23, GB20, WWZ+25]. **Lagrange** [GWA+23, HLY25, SFBG20, WVK21]. **Lagrange-mesh** [SFBG20]. **Lagrangian** [CS22b, Ein20, EM25, MSM24, RARA25, SRE+24, SRT+25, Sij23, THH21, TC24, VSVV25, WWM+22, ZWL25]. **Lagrangian/Eulerian** [SRT+25]. **lagrangians** [May21, May21]. **Laguerre** [HY23, PCL24]. **lamellar** [FLK+20]. **Laminar** [VLS22]. **Laminar-Turbulent** [VLS22]. **LAMMPS** [CT23, CL22b, DCRF23, DACA+22, Ham20b, IYC+24, JCM20, KAS24, LYX22, TAB+22, YLIO22]. **Lanczos** [GBD+22, ZJ23]. **Landau** [AM21b, CFW+23, FMT24, Hor23a, MDP22, SJ21, ZSqXY21]. **landscape** [LSZ23]. **landscapes** [BRA+25, NA20]. **Langevin** [JGJ20, LLT+23, TM24]. **Langtry** [VLS22]. **languages** [LSS+25]. **Laplace** [ATC+23, CLEPF23, WZC21]. **Laplacian** [CZS+21]. **lapse** [DG20]. **Large** [CJ21, PYH+25, WA21, YCC22, YJLW21, ARLDG24, BIL25, BCS25, BC22, BDR+20, CFB+25, CB23, CMJC21, EVFRHR23, FWL+24a, GOST23, GOST25, HBB+25, HSA22, KSG22, KKPC23, KFHR24, KLM+22, LBRW22, LKP21, LZK+23, LG23, LGK+22, MTW+24, Man24, MDR+20, OCK+24, PLT+23, PBC+24, RL21, Shi25, SKM+21, VTB+21, WGWG25, XCC+25, ZJ23, ZW20]. **large-dimension** [ZJ23]. **large-eddy** [XCC+25]. **Large-scale** [WA21, YJLW21, BCS25, BC22, BDR+20, CFB+25, CB23, EVFRHR23, FWL+24a, HBB+25, HSA22, KKPC23, KFHR24, LBRW22, LKP21, LZK+23, LG23, MDR+20, PLT+23, RL21]. **larger** [ZXXP25]. **laser** [BAB+20, EBNS22, FN23, HA23, HFLT26, LLH21a, LMX+21, MTW+24, MLYA26, MXH+24, MN25, Nie22a, PMSHG23, RZY+24, SJY18, SJY20, Tan23]. **laser-deposition** [HFLT26]. **laser-electron** [Nie22a]. **laser-induced** [SJY18, SJY20]. **laser-plasma** [HA23]. **laser-produced** [MXH+24]. **laser-target** [MLYA26]. **lasers** [ZLMH23]. **latent** [BNL25]. **latex** [RDZ+20]. **LATtice** [ESS+25, BBB20, DBdFdSR21, KBSH20, MD21, NL23a, PLSB22, YD20, vRCM21, AHP21, ANS25, AS24b, ABD+25, CL22b, CL25b, DCSKM25, DACA+22, Dür23, EVFRHR23, FFTV23, FFLR20, FKK+21, GLSH21, GSM25, IKM+23, JES25, JMOC21, Kub24, KAS24, LHG+25, LMWW24b, LLL24b, MWJL23, MBC+24, MOY+22, QCZ23, RZ23, STA20, ScQYL25, SKM+21, WWZ+25, WLLS25, WA21, WWS+25a, WWS+25b, WSRO24, YCCW23, ZPZH20, ZPL+24, ZCD+25, ASC+21, GMX+25, KK20]. **lattice-Boltzmann** [DACA+22, WWS+25a, WWS+25b]. **lattices** [BRAC23]. **Lauricella** [BP25, BKOV25]. **lava** [SGPTG25, DCRF23]. **laws** [HWAA22, OCR+22, Yev21]. **layer** [CML+24, EM25, FUTJ25, LY25a, MPH+24, ODD+26, OKBM23, MAMK21]. **layered** [LF25, WZC21]. **layers** [NTO24, Pöt20, BBMS25]. **lb** [DACA+22]. **lb/fluid** [DACA+22]. **LBcuda** [BLM+22]. **LBfoam** [ASC+21]. **LBM** [GKS+25, SW25, STS+25]. **LBsoft** [BMT+20, BLM+22]. **LCLS** [NCF+23]. **LCLS-II** [NCF+23]. **LCPAO** [YI22]. **leading** [ABB+22, PBC+24]. **leapfrog** [TKS22]. **Learnable** [FC25]. **learned**

[MYKC23, RBV+22, TVSM25]. **learner** [FCdNA25]. **Learning** [CFB+25, FTRZ25, GUAD22, PBE25, RSR+25, TGGC23, VEHCM21, ZKZ+24, AYB24, AUO+22, Bav24, BNL25, BS25b, CBR+25, CFL+22, CWG+21, CZWE23, CLH+25, CLZ+25, CMLA25, FSC+25, HPRS23, HR25, HJM+20, KRJ23, KKY24, KDH+25, KSP25, KUK25, LAC21, LCL+23, LDGN24, LN25, MLZ+23, MDB+25, MGG+20, MPN+21, RHJ+25, SE24, SSO+25, SRS+25, SKS24, ST23b, SY25, TPW+25, TV24, TSV+25, TAGC22b, TDD+25, TSAK21, TC26, TGIM23, UD24, VLHC25, WNV+25, WYZ25, WAET22, WLK+25, YYZ+22, YBZ+25, YYH+25, ZWC+20, ZGW20]. **learning-assisted** [WNV+25]. **learning-based** [CZWE23, UD24]. **learning-enhanced** [WYZ25]. **LEBC** [SGL+25]. **Lebedev** [LLH+21b]. **Leffler** [CLEP24]. **left** [VSM+22]. **Legolas** [CK23]. **Legume** [ZMN+24]. **Lehmann** [KCS22]. **lengths** [JNVC+25]. **Lennard** [BRA+25, SHRK22]. **Lennard-Jones** [BRA+25, SHRK22]. **LEP** [AJW+21]. **LEP/SLC** [AJW+21]. **LeptogeneSiS** [GMPG+21, GLPG+23]. **Lepton** [AJW+21, AZH+24, AAD+24, JWW+23, KKSV24, LNP+24]. **LeptonInjector** [AAA+21]. **leptons** [SLP+22, TSV+25]. **LeptonWeighter** [AAA+21]. **leptoquarks** [CS22b]. **LES/DNS** [LBS+23]. **less** [AMA+20, BR20a, Pos22]. **Lethe** [ABB+26]. **Level** [YZZ+23, AHM+23, BS25a, BRA+25, DG25b, EVFRHR23, GSBN22, HWAA22, Hua24, KSG22, NT24, SW25, TGIM23, ZGZW23]. **level-3** [TGIM23]. **Level-set** [YZZ+23, HWAA22, SW25]. **levels** [CGV+22]. **LEVIS** [MPQ+22]. **LHC** [AES21, TPS+24]. **LHCb** [AAB+21, BDGS21, KGSL25]. **Li** [Pen24]. **LIBAMI** [EML22]. **libdlr** [KCS22]. **libEMM** [Yan23]. **libEMMI_MGFD** [YP24]. **libepa** [ZGK+24]. **libFastMesh** [FZD+24]. **Libra** [Lee21b]. **Library** [HJM+20, ART+20, ABK+22, AS24b, BM20, BB24a, BFI+21, BIK+21, CK20a, CCL+22, DH22, DLD+21, dSFFM25, FXZT21, FTG23, FPSZ21, GSBN22, HTH+20, HKY+21, KTKK25, KRC+20, KKPC21, MEDT+23, MB25, MRT+22, MT23, NJSY22, NBCMH20, Nie22b, OCC23, Par21, PPKK21, RDC+20, Sai25, SVJ+24, SLDF+21, SZ24b, STRF+20, SJWL22, TSB26, WAN+22, WGWG25, Yan23, YKK+23a, YMCF23, ZRZ+21, ZGK+24, ZMK+25]. **LibRPA** [SZL+25]. **Lie** [FKS20]. **LieART** [FKS20]. **life** [LLL+25a]. **lifetime** [LU21]. **lifetimes** [GTMB21]. **lifex** [AFB+24a]. **lifex-cfd** [AFB+24a]. **ligand** [Ryd20]. **LIGGGHTS** [SGL+25]. **Light** [Hal21, LSNRD20, BKO20, BNL25, KOT23, MR22, MS24, MLD+22, MASFP25, YYZ+22]. **light-** [MLD+22]. **lightweight** [RGS+21]. **like** [FN23, JHH+25, LHTP+24, Scr22a]. **likelihood** [BC20]. **likelihoods** [AKW21]. **LIMAO** [SJY20, SJY18]. **limit** [APST25]. **limited** [Vuk25]. **limiters** [VÁFG+22]. **LinApart** [CFSV25]. **Lindblad** [OEI+22]. **line** [Kut24, YJ24]. **Linear** [HW22, KCJX24, ZJM+21, AGMFGE23, AIZ23, BB21, DNG+20, FLW+23, GPM+21, GM26, HA23, HMSV23, HKHY25, LBS+23, MG22, Man24, MBDD25, NZA25, NBC+24, PAL+20, PBC+24, RVRT22, RAJ+24, SLB+23, SLZY21, SJY18, SJY20, WHQS26, Yan21b, Yan24a, Zeb22]. **linear-**

[SJY18, SJY20]. **Linear-scale** [KCJX24]. **linearization** [FYW23]. **linearization-based** [FYW23]. **Linearized** [WWS+25a, GMZ+20, HM24a, HM24b, JY25, KDK23, PPR+21]. **linearly** [Car25, CCW20]. **linearly-implicit** [CCW20]. **lines** [MM23]. **linking** [NMA+25]. **LIon** [BFT20]. **Liouville** [GBD+22]. **Liouville-Lanczos** [GBD+22]. **Liouvillian** [DEdM24]. **liquid** [BCF+24, BMI23, RSD20, SRT+20, UO20, XZLX20, dSOZ22]. **liquids** [MHÅ21, VCF22]. **LisbOn** [DdCAG23]. **LISE** [JRS+21]. **list** [Mar22]. **lithium** [LLL+25a, WXW+21]. **lithium-ion** [LLL+25a]. **lived** [ADH+20, KGSL25]. **load** [GSZK24, LWS+23, MLT+21, TPK+21, ZWZ+22, ZHZG23]. **load-decoupling** [ZWZ+22]. **loads** [KD23]. **Local** [IPSW24, LY24a, DAS+25, DCZ23, FSC+25, JLL+24, JRS+21, LTMK21, LW24, NVC20, PWD22, SKM+21, VSVV25, VPZH24]. **localised** [MSHP20]. **locality** [VHBK21]. **localized** [CF21, HLzY+20, Kor23, MSHP02]. **locally** [OKBM23, SBZ23, ZPL+24]. **locally-aligned** [SBZ23]. **locally-conformal** [OKBM23]. **Logarithmically** [LS25]. **logarithms** [ABB+22]. **logderivatives** [BTW20]. **logic** [AAG+24, KMN21]. **Long** [ADH+20, DL24, HG22, KGSL25, MP21]. **Long-lived** [ADH+20, KGSL25]. **long-range** [DL24, HG22]. **long-term** [MP21]. **loop** [ADC+21, AKK+24, Che25, FQRR22, GHT25, HTK24, HQRR20, KKM+20, KM20, KMS20b, RUV20]. **loop-containing** [HTK24]. **loops** [LMWW24a]. **Lorentz** [FH22]. **Lorenzetti** [ABF+23b]. **losses** [MRKY25]. **Low** [Kub24, VPS23, CE22, CY24, CC25, CL22a, CJ21, Gar21, HAO+25, JS22, JĎD+21, Kul20, LHG24, MDB+25, MD21, NYN+21, NY25, NVT25, SZL+25, VV21, ZLLM23, ZLP25]. **low-density** [ZLLM23]. **low-dimensional** [CY24]. **low-dissipation** [CC25, Kul20]. **low-energy** [Gar21, NYN+21, NVT25, ZLP25]. **low-Mach** [MDB+25]. **Low-mode** [Kub24]. **low-order** [CJ21]. **low-pressure** [JĎD+21]. **Low-rank** [VPS23, CE22]. **low-scaling** [SZL+25]. **low-speed** [LHG24]. **low-temperature** [VV21]. **lower** [RBV+22]. **lower-dimensional** [RBV+22]. **lowest** [BKG+23]. **lowest-order** [BKG+23]. **lp** [FLW+23]. **lubrication** [NLS24, SLC+22]. **Lucy** [Gag26]. **luminescence** [TR22]. **luminosity** [Ada22]. **LWR** [NL23b].

M [Xav22, LM22]. **M-CHIPR** [Xav22]. **m-NLP** [LM22]. **M1** [LMMP23]. **M3D** [ZJM+21]. **M3D-C1** [ZJM+21]. **MAAT** [AMP+21]. **Mach** [MA24, MDB+25, NY25]. **Machine** [BNL25, CBR+25, CWG+21, RHJ+25, SDV+25, TGGC23, TDD+25, VEHCM21, WNV+25, AYB24, AUO+22, CFB+25, CK20b, CZWE23, HPRS23, HJM+20, KRJ23, KHR+23, KDH+25, KSP25, LAC21, LCL+23, MDB+25, MGG+20, MYKC23, MPN+21, RBV+22, SE24, SSO+25, SKS24, ST23b, TPW+25, TV24, TSV+25, TAGC22b, TVSM25, UD24, WAET22, YBZ+25, YM21]. **machine-learned** [MYKC23, RBV+22, TVSM25]. **Machine-learning**

[TDD+25, LCL+23, MGG+20, MPN+21, SKS24]. **machines** [WWDM20]. **macro** [KWB+25]. **macro-** [KWB+25]. **macromolecular** [KDHL23]. **macroscopic** [PMSHG23]. **made** [AMK24, GFH23]. **MADHAT** [BHK+21]. **MADWAVE3** [RdMS25]. **MAELAS** [NAZ+22, NAZ+21]. **MAFIA** [MRG22]. **MAFIA-MD** [MRG22]. **MagGene** [ZZ21b]. **magnet** [HK24]. **magnetic** [AIZ23, BTK24, BBTW25, BM22, BKO20, CFBRE25, CBCZ+25, CNB+23, CKD+25, DVB+25b, DVB+25a, DKRSR22, GO23, GBS+20, HHVB21, HWT25, LKYH25, LKJ+25, LL23, LGBJ20, LZYY23, LU21, LHTP+24, MZD+20, MDHH25, MASFP25, NRG22, NRG24, PTD20, RMR+22, SOW25, WLL+24, WMS+25, XJZ+26, Yan21a, YYC+23, YC20, YKSH20, YLL+22, YLP+24, ZYLY22, ZYL+23, ZZS+25, ZZ21b, ZWL25]. **magnetic-field-** [LGBJ20]. **MagneticKP** [ZYL+23]. **MagneticTB** [ZYLY22]. **magnetism** [GOCSS+23]. **magnetization** [FGC+26]. **magnetized** [BXW+25, LLG+24, CHK25, HYLC25, HXD+25, KOF21, MMP20, NJT24, NJT25, sXBkB+22, ZSqXY21]. **Magneto** [VGGP+21, DIAA21, NAZ+22, WDMZ24, NAZ+21]. **MAgneto-ELAStic** [NAZ+21]. **magneto-hydrodynamic** [WDMZ24]. **magneto-optical** [DIAA21]. **Magneto-thermal** [VGGP+21]. **magnetocrystalline** [SK24]. **magnetohydrodynamic** [CC25, CEKR24, FLS25, MGX24]. **magnetohydrodynamics** [LJQ+22, LMMP23, SMA24]. **magnetostatics** [ALB22]. **maintainability** [LTT+24]. **MAISE** [HTS+21]. **major** [WMA+22]. **Majorana** [WPMK21]. **MALA** [CFB+25]. **MAM** [RCH24]. **MAM-STM** [RCH24]. **Mammography** [BSG+21]. **MAN** [WAYL23]. **management** [CCC20, LYZL24]. **manifold** [LJQ+22, LWR25]. **manifolds** [CB23, XQ21]. **manipulation** [Ols23]. **manufacturing** [SYFT23]. **Many** [GBJ+21, SDL+21, AJDS+21, ATRD21, DC22, DG25a, GJEA25, IYP+25, MAJ20, MOY+25, NA20, OGL+21, PPKK21, RMM21, WS20, Xav22, XBL+20]. **many-** [OGL+21]. **Many-Body** [GBJ+21, ATRD21, DC22, DG25a, GJEA25, IYP+25, MAJ20, MOY+25, PPKK21, RMM21, XBL+20]. **Many-core** [SDL+21]. **many-dimensional** [NA20]. **many-electron** [AJDS+21]. **manybody** [CT23]. **manycore** [RL21]. **map** [SRML20]. **Maple** [JWK+21, PMS20b]. **mapped** [MPSK21]. **mapping** [LLL+24a, SFC20, Zeb22]. **March** [Ano20u, Ano21t, Ano22t, Ano23t, Ano24t, Ano25t]. **marine** [YP24]. **Markov** [HSMR+24, MMM23]. **MARLEY** [Gar21]. **Marlics** [dSOZ22]. **MaRTIn** [BHSS25]. **MARTY** [UMA21]. **MASAP** [KRL+24]. **Mask** [CQS+24]. **mass** [KAB+21, Kub24, KUK25, LM23, MP21, MLD+22, MDDI21, Par25, PC21, RTRB21]. **masses** [ABD+23, Efr23, HLM22]. **Massive** [BBF+25, SRML20, KKPC21, LYZL24, OKZ25, YKK+23a, BHSS25]. **Massive-scale** [BBF+25]. **Massively** [COP+24, FWL+24a, FASM24, KHR+23, AS24b, BBH+24, CHY+24, Cos22, DMS+22, KMM21, KSC+23, MDR+20, RYS+24, ZAW+21]. **Massively-parallel** [KHR+23]. **massless** [RUV20]. **Master**

[FFLR20, ZXT22, ZXT23, BB24b, Esc25, HLZH25]. **Master-field** [FFLR20]. **master-secondary** [HLZH25]. **Matched** [BBMS25, NTO24, OKBM23, Pöt20]. **matching** [AUEO25, HLM22, LLL+24a]. **material** [ASPDL+21, ASPDL+25, DCRF23, DGHA25, MRH+23, MVF20, MYKC23, MYM+22, NYN+21, PP23, PFG22, Sij23, TRB20b, XLFL25, YGSW21]. **Materials** [AMP+21, SLL+21, AMK24, CL20, CHY+24, EGKH24, EL24, Eku24, GLN23, HZ24, HTL+22, HJM+20, HWT25, KP25, KSM+25, KKB+24, LKYH25, LGZ+25, LDGN24, LCB25, NDM+25, OHMK25, ONH+20, PP24, PB23, PAG+25, RMCC22, SA23, SA25, SXC+25, SLDF+21, TAB+22, TLC+21, TQGE23, UÁEPGBP24, VPZH24, VMRFC23, WWB22, WLL+24, WLF+24, YNV22, YNV23, YTC+20, YLH+20, ZYLY22, ZGZW23, ZYH25, ZWC22, CFB+25]. **Mathematica** [ABBD23, ABFP24, Ber24, Bzo21, FKS20, Fon21, Hid21, HCP20, LM23, PSW23, Tor20, Xav22]. **mathematical** [TRB20b, WLCY25]. **Mathematics** [CB23]. **MATLAB** [CR20, JZW+22, YJ24, dMMLOS20, KMBP24]. **matrices** [CGV+22, Fis24, HT24, HKHY25, MMM23, MRT+22]. **Matrix** [WBvdH20, BGH22, BFCR24, BAB+20, CPL21, CCC20, DL24, FMCB+20, HXD+25, KIK20, Kut24, MBG+20, QJ21, RZ23, RMFB23, Sai25, SLZY21, SDV+25, SKM+21, TGO25, XFGS24]. **matrix-product-state** [SKM+21]. **Matsubara** [BL25b, EML22]. **Matter** [Pag24a, ABB+24a, BRHT21, Cel24, Du25, HDS+25, Jab22b, Jab24, LSZ23, May21, MHK24b, NBS+20, Pag24b, PAM24, PIFPA+25, Sch21, UAS22, BCD+21, GUAD22, OBC+24]. **MAU** [CY24]. **MAX** [FLW+23]. **Maxey** [UCSR25]. **MAXIM** [YR21]. **maximal** [JP24]. **maximally** [Kor23]. **maximally-localized** [Kor23]. **maximization** [AS24a]. **maximize** [MRT+22]. **Maxwell** [DGM20, GLB+21, KMD+21, LW24, LLH+21b, MOV21, PMK+23, PW25, QWZ+21, RJ21, YZW21, YKY+22, ZLL+24]. **Maxwellian** [BXW+25]. **May** [Ano20v, Ano21u, Ano22u, Ano23u, Ano24u, Ano25u]. **maze** [Ryd20]. **mbsolve** [RJ21]. **MCBTE** [PPR+21]. **MCC** [WXX24]. **MCEND** [UAWW25]. **MCGPU** [HLMB24]. **MCGPU-PET** [HLMB24]. **MCMC** [HL21]. **MCMC-based** [HL21]. **MCNNTUNES** [LAC21]. **MCNOX** [Hua24]. **mcrtFOAM** [FXQS21]. **MCS** [NL23b, YLK+20]. **MD** [CLZ+21, MRG22]. **MD2D** [LN23]. **mdapy** [WS23]. **Mead}** [PP23]. **Mean** [SHW+21, BN20, BN23, Gag25, Gag26, LKYH25]. **mean-field** [BN20, BN23, LKYH25]. **means** [Kul20, SJ20, UZB22]. **measure** [DRSZ23, MBDD25]. **measurement** [HTN21, MPSK21, WBF+24]. **measurements** [KAB+21, MYM+22, WNV+25]. **measures** [BF25]. **measuring** [HPP23]. **mechanical** [DG25b, EL24, LZP+24, Ols23, SLDF+21]. **mechanically** [KvdW20]. **Mechanics** [Sha21, LYZL24, NDM+25]. **Mechanics-oriented** [Sha21]. **mechanism** [Kar22, LLY+22]. **mechanisms** [DIKSN24, FBC+21, KDIN+23, RAJ+24]. **mechanistic** [XLG+23]. **MechElastic** [SLDF+21]. **media** [BVV22, BKE+25, CPG+25, CDML25, Hoh24, LMRN25, LLH+21b, MS24, OSK+21, DYLV25, SFS22, TSB26,

WZC21, XFH+22, YCCW23, YLLW24, ŻTR+22]. **Medical** [GSM+22, GOS+22]. **medium** [DRZ+21, Roh22, Tan23]. **Meek** [MHÅ21]. **meets** [ZLP25]. **MELASA** [FLK+20]. **melt** [CZY20, WXZ+24]. **Melting** [YLP+24, ZY25]. **membrane** [HLY25, ZBS+23]. **membranes** [BFD25]. **Memory** [MD21, ALBL25, EVMP20, LYZL24, MLT+21, ZWZ+22, ZWLX25]. **Memory-efficient** [MD21]. **memory-saving** [ZWLX25]. **MemriSim** [ZGZ+25]. **memristors** [ZGZ+25]. **Menter** [VLS22]. **Mercedes** [ODU24]. **MercuryDPM}** [OAP+24, WOP+20]. **merging** [BP21, sCyW25, DWD+24, LXY+21]. **Merlin** [ABK+22]. **mesh** [AMA+20, ACT25, ASC+24, BBA+20, DCSKM25, DYH+25, Elk25, FXQS21, FZH+26, FAL20, FAL21, FLW+25, GKT+24, JES25, KKY24, LW24, MHLY25, MM23, NSY+23, PG23, SN23, SFBG20, SJP+21b, SZW25, WDMZ24, WZD+25, WZDL26, YWK+24, ZDSS23, Zho23]. **mesh-adaptive** [SJP+21b]. **mesh-agglomeration** [FXQS21]. **mesh-free** [MM23]. **mesh-less** [AMA+20]. **mesh-refined** [LW24]. **MeshAC** [FLW+25]. **meshes** [CS22a, KSF+22, LJM+25, PGYF21, PD23, RVRT22, SZW25, TGBM22, WCP25]. **meshing** [HSSC25, LR25, RSHS24]. **meshless** [JLL+24]. **meso** [TAB+22]. **Meson** [AEG+25, KL23a]. **mesoscale** [AALK20, WGWG25]. **metal** [CXCZ23, CLZ+21, OAB+25, SRK+24, SXC+25]. **metallic** [GC25]. **metals** [CWG+21, HM24a, HM24b, MOV21]. **metamaterials** [LW24, WLCY25]. **metastructure** [RHJ+25]. **metastructures** [HSA22]. **metasurface** [KL23b, YWM23]. **Metasurfaces** [YR21]. **Metasurfaces-oriented** [YR21]. **Method** [MD21, PLT+23, QLX25, RLW+24, STA20, ZTV+24, AL24, AUEO24, AUEO25, ANS25, AMA+20, ACT25, ATC+23, BA24, BCHE21, BN20, BND22, BN23, BS25a, BHK25, BDdM20, Car25, ČPF+24, CHA21, CJZ21, CHY+24, CC25, CL21, CMS24, CB20, CF21, CLEPF23, CCW20, CJZ25, DCSKM25, DZZ21, DYH+25, DCZ23, Elk25, FAZ24, FJ22, FLW+23, FBMD20, FYM+22, GTE21, GFML25, GLSH21, GRCT20, GTB24, GB20, GGCW24, GMX+25, HPY21, HPAW21, HTL+22, HML+25, HFP21, HKHY25, HKY+21, HA21, HXD+25, HJGL22, HGS20, IHWG24, JGSE25, JKSY22, JĎD+21, KKLZ23a, KBB21, KSJ+22, KR23, KL23b, KL25, KFC+20, KMD+21, KYH24, Kut20, LEE+21a, LSSW25, LBM+23, LKP21, LKK23, LXY+21, LKP24, LXYG25, LJC+25, LLL+25a, LF24, LLL24b, LLZ+22, LJH+23, LS22, LDGN24, LSL+25, LY25c, LMHUR23, LVMGF+23, LY24b, LZLT25, LNB23, LLL25b, MWJL23, MSH22, MBG+20, MZL+24]. **method** [MZL+21, MPS25, MSM24, MVAXP22, MOV21, MCP23, MDHH25, MRD23, MASFP25, MNS+24, NG21, NDM+25, NABM25, Och23a, Och23b, ONH+20, OKBM23, PB23, PYH+25, PWD22, Pod25, QCZ23, RCGS25, RBV+22, RC23, RV20, RV21, RCW+20, RVRT22, RCS21, SFBG20, SJP+21b, SLZY21, SS25, ScQYL25, SXYD24, SNG20, SLC+22, SCMP+22, SCR+22b, SAC+21, SPM+25, SS21b, SDV+25, SW25, TCD20, TTM22, TS23, TLC+21, TSB26, TPCT22, TÁFAB+24, eSdSBST21, VOLU25, WZZS21, WZC21,

WWM+22, WGJY25, WWZ+25, WLCY25, WA21, WWS+25a, WWS+25b, WLCF21, WLL22, WXZH24, WPMK21, WS20, WVK21, WNS+21, WYZZ23, WZ25, XDF20, XSL+22, XFH+22, XPF+24, XLKX21, YT23, YS22, YWM23, YNDJ25, YSX+20, YC20, YXX+21, YZHL22, YWSE25, YKK23b, YJ24, ZMN+24, ZPZH20, Zha20, ZPL+24, ZYML24, ZDJ25, ZZ21a, ZYX21, ZYX22, ZS24, ZLH+25, ZYHH25, ZWL25, Zho23, ZCD+25]. **method** [ZHM21, ZLS+22, ASC+21, GSL24, LMHUR23]. **method-based** [KR23]. **Methodology** [SCMP+22, WBF+24, WZK+24, BRS25, CML+24, SFKC22, Wan25a]. **Methods** [LSNRD20, AYB24, BBV+22, BCGT24, BRA+25, BKE+25, CL20, CLH+25, CJ21, DGM20, ELSV24, FYW23, FAC+25, FLW+25, GP25, GCWZ20, GL25, HAM+20a, HR25, HWL+23, HWZ24, Hua25, IKM+24, JMOC21, KAB+21, KSF+22, KLMU21, KFC+20, KvH21, KSP25, KKB+25, KUK25, LHG+20, LH22, LH24, MGX24, MCB+20, NFB+26, NCF+23, PMK+23, PLL24, PAL+20, PM21, SL22, SLZ+24, SKM+21, SDBS24, UZB22, UCSR25, VPS23, VSVV25, WXZ+24, YLIO22, YBZ+25, YZW21, YWTK23, YK21b, YZZ+23, ZYXC24, ZDW+24, ZZZ26]. **Metric** [BTW20]. **metrics** [ZMK+25]. **metrology** [CDD22, HTN21]. **Metropolis** [SJ20]. **MeV** [Pos22, SCAP24]. **MFC** [BSC+21]. **MFDFA** [GHKW22]. **MGOS** [KRC+20]. **MHD** [CK23, FMBD22, MG22, PCB+25, SDXY23, TKS22, TW25, TWR21, UBL25, WZD+25]. **MHFEM** [SFS22]. **MHIT36** [REZS25]. **Mi3** [HL21]. **Mi3-GPU** [HL21]. **Micro** [LLY+22, CQS+24, KWB+25]. **micro-kinetic** [KWB+25]. **microfluidics** [AALK20]. **micromagnetic** [RMR+22, SE24, SSO+25]. **micromagnetics** [PRS+20]. **micrOMEGAs** [ABB+24a]. **micron** [LU21]. **microparticles** [DHK+21, KT23]. **microplastics** [GRP+25]. **microrheology** [DG20]. **microscale** [KM23, MEC+24, SMKL25]. **microscope** [KLD+21]. **Microscopic** [Gul20, YYC+23]. **microscopy** [AUO+22, DG20, HGS20, OYG+24]. **microstructure** [CY24]. **microstructures** [EGLK20]. **Mie** [KRLS+25]. **Migration** [Gro22]. **million** [LWC+21, RZ23]. **MiMeS** [Kar22]. **Minimal** [AAT+20, OB25, AKK+24, AAT+14, GL25, HKHY25, KKM+20, LXY+21, May21, SSH+23, STRF+20, Yan25, KM20]. **minimal-lagrangians** [May21]. **minimisation** [PGS+24]. **minimization** [IJVJ21, IUJ21, LWR25, SE24, SSO+25, SAS20, SAN24]. **minimum** [NA20]. **Minkowski** [BMT23]. **Minnesota** [ZXT22, ZXT23]. **minor** [EGKH24]. **Mirheo** [AALK20]. **Misalignment** [Kar22]. **missions** [GSL+23]. **MISTER** [COW24]. **MISTER-T** [COW24]. **mitigate** [MD20a]. **MiTMoJCo** [Gul20]. **MITNS** [KOF21]. **Mittag** [CLEP24]. **Mittag-Leffler** [CLEP24]. **mixed** [LHC20]. **mixing** [BWY25, Nog21a, NVCS23]. **mixture** [ZZ25]. **mixtures** [HML+25, LM21a, LB24, SLK23, ŚGBK26, ZLLM23]. **ML** [LNP+24, YBZ+25]. **Mlacs** [CBR+25]. **MLAnalysis** [GFD+24]. **MLQD** [UD24]. **mobile** [LLC+23]. **mobility** [MMC+21]. **MOC** [LLZ+23, WLL22]. **MOCOKI** [BB21]. **Modal** [WAYL23, KL23b]. **mode** [BDK+23, Kub24, Shi25, TW25, YKJ+24, ZMN+24, ZJM+21]. **Model**

[BHK+21, DPR+20, DRR+24, Gul20, RBV+22, ASU+21, AFJ+23, AHM+23, App25, BCHE21, BGW+22, BB21, Bav24, BTK24, BCTS22, CFLR24, CL25a, CL20, CZY20, CKT21, CP25b, Dau23, DB24, DYH+25, DRB22, EMB+25, ET24, FJ22, FASM24, FBA+20, GSZK24, GRP+25, GEM+25, GTB24, HML+25, HLCD20, HLS25, HFLT26, JLW24, JPJ+23, KKSV24, KPJ24, KLD+21, KDK23, KM23, KW23, KAS24, LL23, LLH21a, LY24a, LZZ+25, LGK+22, LSL+25, MMC+21, MHK24a, ST25, May21, MBCC23, NYN+21, NLS24, NRG24, OHMK25, ODU24, OKZ25, OBL+21, RZY+24, RBFB20, SYFT23, SKS25, SKYQ21, SZY+22, SZ23, ScQYL25, SPM+25, SOH+23, SFG+25, SJWL22, SW23, TKS22, TCY+21, TCY23, TPK+21, TPCT22, TNL+22, Usu25, VAS+25, VLS22, VEHCM21, WZZ+23, WAC25, WYT23, WZC+24, YZL+23, YBZ+25, YYH21, YK21a, YX24, YML+24, YWX+23, ZYLY22, ZTH+25, ZGW20]. **model** [ZXWY25, ZSqXY21, ZFXW25, ZCL+25, ZZZ+25, Bie21, DDM20, HQRR20, KM20, KMS20b, MAJ20, UMA21]. **Model-Agnostic** [BHK+21]. **ModelFLOWs** [HCAH+24]. **ModelFLOWs-app** [HCAH+24]. **Modeling** [BB24b, CdBMM25, LFP25, MLYA26, MA25, RSHS24, Sha21, YD20, ZZ25, AHP21, AG21, ART+20, BFL+22, CB25, CCW24, CFW+23, CML+24, CQS+24, EGLK20, Esc25, FA20a, FGMW25, FLK+20, GUW+22, GJW24, GB24, HSB+24, HBB+25, HyLF23, HRG+22, JYL+23, KRE22, KNJ+23, LKJ+25, LMX+21, LZP+24, LSF23, LFL+24, MK22, MHK24b, MMV+24, MYKC23, MT23, MOMO24, MOMO25, NRKA22, NI22, NY25, NLS24, PMA+21, PBG+25, PG23, RCX24, RRC+24, RVDT25, SFKC22, SRS+25, SRT+25, SMC+22, TMR25, TAB+22, TSB26, VB22b, WAR+25, WXZ+24, WLZ+24, WLCY25, WZDL26, XZYS25, YXX+25, Yev21, YMCF23, ZGZW23, ZKZ+24, ZHZ+23]. **modelling** [Art25, BVV22, CDC+25, DRM20, HCAH+24, LS21a, MBG+20, MVAXP22, Org22, OXOG23, TDR+20, TRB20b, WNS+21, WSK+22, Yan23, YP24, Yan24b]. **Models** [GFH23, RMR+22, AKK+24, AES21, BRAC23, BBF+25, CKD+25, CZWE23, CSBF23, Du25, EVMP20, ENPMRSV25, FSMM24, FA21, FTRZ25, GZW20, GHK20, HTS+21, HLY25, HSMR+24, Jab24, KPR+24, KWB+25, KC21, KVSC21, LLC+23, LSS24, Mau20, MD22, MPH+24, MDDI21, NRK+21, OYG+24, OSE+20, PCL24, PBC+24, RDZ+20, SZ24a, SBG23, SKM+21, TPW+25, YWTK23, YM21, YKYK23, ZWC+20, ZYL+23, Zho23, ZLP25]. **moderate** [GOST23, GOST25, ZZ25]. **moderate/large** [GOST23, GOST25]. **modern** [EOR21, FFTV23, HAM+20a, UMA21]. **modernization** [VXT+23]. **modes** [HRU22, JGJ20, RCGS25, WPMK21]. **modification** [BGW+22]. **Modified** [FA20a, BCGT24, HLCD20, SPG25, YK21a, YWK+24]. **modular** [GRCT20, MOMO24, MOMO25, PAM24, SC20, WKJB23]. **modulation** [MNS+24, SBG23]. **module** [BGHC23, GK21, GGH+25, GBJ+21, GSM+22, GOS+22, HYL+22, LN23, MKPW21, MKPW22, MEH21, SRT+25, WHSG24]. **modules** [BDR+20, MASFP25]. **moieties** [RCH24]. **Moiré** [MMKJ25, NNMJ22]. **Molecular** [GJW24, LWC+21, MKPW21, MKPW22, MRG22, PIFPA+25, SOH+23,

AHM+23, BDC+25, Bag22, BMREC21, BCTS22, BFG24, CMJC21, CGR21, CDT22, DTGE21, DL24, FGCN+21, GDS+21, Ham20b, HyLF23, KHR+23, KRC+20, KMM21, KLM+22, LN23, LZP+24, LVMGF+23, MES+24, MHK24b, MBCC23, NBC+24, NGCS+25, ODU24, Ols23, PCS+20, RZY+24, SMO+20a, SPG25, SKS25, SKC21, SC22, SSD+22, SZNW23, TCSD24, TRB+20a, TGO25, VCF22, VXT+23, VvBTH20, Wor20, WS23, ZHI23, ZJS+20, PYH+25, YD20]. **molecule** [PRR23, PNL+24, SHRK22, Xav22]. **molecules** [BGHC23, BFMA+24, BAB+20, Hua24, HMW25, IYP+25, KSG22, KL25, MBJB24, MBG+20, NI22, RZY+24, RV20, RV21, SJP21a, SMB20, TRN+24, ZLMH23]. **MolSSI** [BMREC21]. **MolTwister** [Ols23]. **Moment** [SJP+21b, CFW+23, HFP21, PLF20]. **Moment-preserving** [SJP+21b]. **moments** [Ume22, LMHUR23]. **momentum** [CCW20, CWJ21, JDS20, KPST21, Pöt20, ST23a, WJB21]. **monitor** [Ada22]. **monodisperse** [KAG24]. **monokinetic** [LMHL20]. **Monte** [DVB+25b, Kal20, PYH+25, ABGD+20, ASPDL+21, ASPDL+25, ACD+22, AJW+21, BRAC23, BB21, BCF+24, BKO20, BRA+25, BKS24b, BIK+21, BKBL22, BKG+23, CCM20, CRZ25, CCW+25, DRSZ23, DDM20, DdCAG23, DVB+25a, ELSV24, FXQS21, GJA21, GAGO21, GHK20, HT24, HLMB24, HQF+20, Hua23, HSMR+24, Ilt21, JWW+23, JKKN23, KOT23, KM25b, Koł22, Koł23, Koł25, LEE+24, LMWW24b, LAC21, LTMK21, LS24, LGZ+25, LLL24b, LC24, LAC+25, LHWX24, MMM23, MDL+25, Mil25, MT23, NL23b, Nie22a, NVT25, OHMK25, OBL+21, OB25, PAZ+22, PLT+23, PYT+24, PPR+21, PC21, QLX25, RSC+22, RCB21, Roh22, SNP+20, SJP+21b, SKS25, SHS22, SNG20, SLIC24, SFG+25, TAY+24, WAN+22, WSRO24, WZPW20, YLK+20, ZLH+25, ZHS+20, ZDLS21]. **Monte-Carlo** [BKS24b, BKG+23, GAGO21, JĎD+21, RCB21, SJP+21b, ZDLS21]. **MOOSE** [GGH+25]. **morphogenesis** [MV25]. **morphology** [ANU21, RDZ+20]. **mosaic** [GSC+26, SPF21]. **Moshinsky** [Efr21b, FHD25]. **most** [PRR23]. **motion** [GSV23, NJT24, RARA25, ZHM21, dVAR+24]. **movements** [GTE21]. **moves** [Mil25]. **moving** [FH22, HMR22, MZL+24, MDZ24, SW25, TCSA21, WDMZ24]. **moving-grid** [TCSA21]. **MP** [FN23]. **MP-CITDSE** [FN23]. **MPI** [LYZL24, SH26, YW21, ZHZG23]. **MPI-based** [ZHZG23]. **MPI-CUDA** [YW21]. **MPS** [eSdSBST21, XFGS24]. **MPS-VQE** [XFGS24]. **MQCT** [MBJB24, SMB20]. **mqdtfit** [Pot24]. **MRADSIM** [ACKB23]. **MRADSIM-Converter** [ACKB23]. **ms** [NGCS+25]. **ms2** [FGCN+21]. **MSGCorep** [LZYY23]. **MSSM** [BHH+20, KMU+23]. **MSTor** [CZB+23]. **MTASpec** [KSG22]. **MTP** [MPN+21]. **MTP/ShengBTE** [MPN+21]. **muffin** [PAL+20]. **muffin-tin** [PAL+20]. **MuFinder** [HHMH+22]. **Multem** [SLL+24]. **Multi** [BRA+25, CZX+21, CJD+20, DS22, DKM+24, HZ24, JWW+23, LLC+23, LR25, MDDI21, OCK+24, SGL+25, UBL25, ADC+21, AG21, ANS25, BXW+25, BBF+25, BP21, BSC+21, BW23, CZ21, CTZW23, COW24, Che25, CFW+23, Cos22, DCSKM25, DRZ+21, DFU20, EGLK20, FJ22, FRN+23,

GDS+21, GDJG23, GHT25, GNP20, HPY21, HSA22, KMM21, KDK23, KMD+21, KMG+20, LLL+24a, LSS+25, LSS24, MVK+24, MBC+24, MHK24b, MPH+24, Nor23, OGL+21, PMK+23, PWD22, PG23, RMR+22, RVDT25, RBWD+25, RZ23, SNP+20, SLBN26, SPMS23, Sij23, SW25, TPCT22, WGJY25, WZPW20, Xav22, XYZR25, XLL+22, XPF+24, XLFL25, Yan21a, YFL22, YKK+23a, YKK23b, ZPZH20, ZW20, ZRZ+21, ZYHH25, FLK+20].
multi-architecture [Nor23]. **multi-block** [Cos22, LSS+25]. **multi-body** [ZYHH25]. **multi-center** [GDS+21]. **Multi-component** [DKM+24, BSC+21]. **multi-core** [KMM21, OGL+21]. **multi-dimensional** [KMD+21, PMK+23, WZPW20]. **multi-direct-forcing** [ZPZH20]. **multi-domain** [DCSKM25, SLBN26]. **multi-electron** [COW24]. **Multi-expression** [UBL25]. **multi-field** [GNP20]. **multi-fluid** [MPH+24, PG23]. **multi-function** [CZ21]. **Multi-GPU** [DS22, OCK+24, BBF+25, DRZ+21, DFU20, EGLK20, HPY21, MVK+24, MBC+24, MHK24b, SW25]. **multi-GPU-based** [YKK+23a]. **multi-GPUs** [WZPW20, ZW20]. **multi-grid** [BW23]. **multi-group** [Sij23]. **multi-harmonic** [LSS24]. **multi-head** [XYZR25]. **multi-ion-species** [SNP+20]. **multi-jet** [BP21]. **Multi-level** [BRA+25]. **multi-loop** [ADC+21, Che25, GHT25]. **multi-material** [Sij23, XLFL25]. **multi-million** [RZ23]. **multi-moment** [CFW+23]. **Multi-objective** [CZX+21, HZ24, KMG+20, SPMS23, WGJY25]. **multi-orbital** [PWD22]. **multi-phase** [ANS25, BSC+21, LLL+24a, FLK+20]. **multi-phase/component** [ANS25]. **Multi-photon** [JWW+23]. **multi-physical** [YFL22, YKK23b]. **Multi-physics** [LLC+23, AG21, FRN+23, GDJG23, WGJY25, XLL+22, XPF+24, ZRZ+21]. **multi-qubit** [RBWD+25]. **Multi-Rate** [MDDI21]. **multi-region** [Yan21a]. **multi-resolution** [ZRZ+21]. **multi-scale** [BSC+21, CTZW23, FJ22, RVDT25, TPCT22]. **Multi-species** [CJD+20, BXW+25, KDK23]. **Multi-sphere** [SGL+25]. **multi-stable** [HSA22]. **multi-state** [Xav22]. **multi-term** [LSS24]. **Multi-threaded** [LR25, AG21]. **multi-timescale** [RMR+22]. **multicenter** [HG22]. **multichannel** [Koł23, Pot24]. **Multicolor** [Ume22]. **multiconfiguration** [LWS+23]. **multiconfigurational** [Hua24]. **multicoordinate** [LKK23]. **multidimensional** [Bar22b, KMBP24, RBV+22, Yan24b]. **Multidisciplinary** [WKR23]. **multielectron** [BAB+20]. **multifractal** [GHKW22]. **multigrid** [EVFRHR23, FKK+21, LJM+25, TS23, UJ21, YP24]. **multigroup** [MXH+24]. **MultiHypExp** [Ber24]. **multilayered** [BVV22]. **multilayers** [LL23]. **Multilevel** [ELSV24, YYY22, ZYLL24, WSRO24]. **multiloop** [Lee21b, SMO25]. **multiobjective** [NCF+23]. **multiparticle** [Koł25, WGWG25]. **multiphase** [ABB+26, ABB+24b, CESD+23, FA20b, RLW+24, RSS25, REZS25, SPLD20, TO21, YCCW23]. **multiphoton** [KM25b]. **Multiphysics** [ARLDG24, ABB+24b, MEDT+23, SPLD20, Zho23]. **Multiple** [Jab22b, MZM+25, WCP25, ZK20, Ber24, CCM20, CGSO20, DC22, JM24, KDHL23, ODR+22, PNL+24, SZ23, TC26, WA21, KOF21].

Multiple-GPU [WCP25]. **Multiple-Ion** [KOF21]. **multiple-thread** [PNL+24]. **multiplier** [HLY25]. **multiply** [HKHY25, KMM21]. **multipole** [CB20, KKLZ23a, TCD20, WZC21, WVK21, YT23]. **Multipolynomial** [LMWW24b]. **multiprecision** [Sai25]. **Multiresolution** [DZF25, Din25, GP22, HWAA22]. **Multiscale** [LWV20, PIFPA+25, SD24, AS24a, ABB+24b, Art25, FTZ+23, FLW+25, LFL+24, SGY24, SGY25, Tan23, VTW+25, YYH+25, ZHZ+23]. **multistable** [MOA24]. **multistructural** [CZB+23]. **multithread** [Mag25]. **multithread-based** [Mag25]. **Multithreaded** [LTMK21, LLR23]. **multiUQ** [TO21]. **multivariable** [ABFP24]. **multivariate** [AKL+21, BBH+24, Ber24, CY24, EBBB22, Mai25]. **MultivariateApart** [HvM22]. **multizone** [LLZ+23]. **MuMuPy** [UAS22]. **MUNHECA** [EES24]. **munuSSM** [Bie21]. **muon** [BFI+21, EES24, HHMH+22]. **muon-nuclear** [BFI+21]. **muon-rich** [EES24]. **muons** [AAA+25]. **muphy** [ARLDG24]. **MUSES** [SMA24]. **mVMC** [XOTI22]. **MXAN** [BDP+21]. **MXE** [MP21]. **MyElas** [WGGC22].

N [Haz23, NUK+22, VMRFC23, LNB23, SGM+20]. **N-on-Equilibrium** [SGM+20]. **N-shaped** [LNB23]. **Nagumo** [Usu25]. **Nano** [SLIC24, WMA+22]. **Nano-** [SLIC24]. **nano-optics** [WMA+22]. **nanobem** [Hoh24, HRU22]. **nanodrop** [SD24]. **nanoflakes** [DKM+25]. **nanofluid** [UBL25]. **nanofluid-filled** [UBL25]. **nanoheteroepitaxial** [DZZ21]. **NanoNET** [KVSC21]. **nanoparticle** [CPG+25, WAK22]. **nanoparticles** [HT24]. **Nanophotonic** [HRU22, Hoh24]. **nanophotonics** [BFCR24]. **nanoporous** [XBL+20]. **nanoscale** [KGN+21, MMM20, MP21, TRB20b]. **nanostructures** [PWC24, RZ23, SHS22, VLHC25]. **nanosystems** [MVK+24]. **nanowire** [CW22]. **nanowires** [CSW24]. **native** [JES25, MDB+25, PIFPA+25]. **native-GPU** [PIFPA+25]. **natural** [LXYG25, PM21, RSD20, SRT+20, SLE+22]. **natural-orbital-functional-based** [PM21]. **Nauticle** [HT20]. **Navier** [MOMO25, WHSK24, AWV24, BMS+23, DAC+23, HPY21, HWL+23, JM24, KD25, KSF+22, MOMO24, SSC+25, SvdW24, ZX23]. **nccrFOAM}** [MEC+24]. **NCrystal** [CK20a, KC21]. **near** [CSW+25, UYS22, ZWZ+22]. **near-continuum** [ZWZ+22]. **near-field** [CSW+25]. **nearest** [LXYG25, WZC+24]. **nearshore** [HLS25, TL20]. **NeatIBP** [WBM+24, WBM+25b]. **neBEM** [DBM+24]. **NEBOAS** [MBF+24]. **needed** [Jab22a]. **neighbor** [WZC+24]. **Nek5000** [MPS+24]. **NekMesh** [GKT+24]. **Nektar** [LBS+23, LIG+24, MCB+20, XCM25]. **Nelder** [PP23]. **NEMOH** [KD23]. **neoclassical** [SNP+20, YBZ+25]. **NepTrain** [CLZ+25]. **NepTrainKit** [CLZ+25]. **Nernst** [ZX23]. **NESSi** [SGM+20]. **net** [DH20, Pen24, ZLY24]. **Network** [LPSK20, BRAC23, BB24a, BCS25, CDD22, CGZ+20, CY24, CDC+25, DRB22, ET24, FAZ24, HTS+21, HLZH25, KHKL24, KTC25, LJC+25, LY24b, MZM+25, MM22, MOY+22, PARB25, RSR+25, SX25, WHY+25, WZC+24, XYZR25, XLFL25, YKYK23, ZHI23,

ZYML24, ZDW+24, ZJC+25, ZXXP25, ZZ25]. **network-based** [LY24b, PARB25]. **Networks** [LY22, SWZ23, AM21b, BKS22, BCK+26, CKD+25, CSW+25, FC25, GdLSB25, KD25, KKP22, LGX+25, LSF23, LCCC25, NMA+25, Pen24, RBS+25, RRC+24, Rod22, RPGG25, WHQS26, ZLY24, ZD25, tZHM+25, ZFXW25, vdHKB+23]. **Neumann** [NJ25]. **Neural** [LY22, LPSK20, SWZ23, TC26, BRAC23, BB24a, BKS22, BCK+26, BCS25, BS25b, CKD+25, CGZ+20, CCW24, CSW+25, DRB22, ET24, FAZ24, FC25, FCL+25, GdLSB25, HTS+21, HLQL25, KHKL24, KD25, KKP22, LGX+25, LJC+25, LSF23, LCCC25, LY24b, MM22, PCB+25, PARB25, Pen24, RRC+24, Rod22, RPGG25, SXY25, STC25, SX25, WHY+25, WZC+24, WHQS26, XYZR25, XLFL25, YKYK23, ZHI23, ZYML24, ZLY24, ZJC+25, ZXXP25, ZD25, tZHM+25, ZFXW25, ZZ25, vdHKB+23, PCB+25]. **neural-network** [WZC+24, XLFL25, ZXXP25]. **neural-network-based** [BCS25]. **Neural-Parareal** [PCB+25]. **neuroevolution** [CLZ+25]. **neutral** [AZH+24, App25, LLG+24, SLP+22, TKS22]. **Neutrino** [BBLB+25, Pag24a, AAA+21, AZH+24, AAG+20, ASW22, Gar21, KTF22, LMBH+24, Pag24b, SKW25, SFG+25, TVAW+25]. **neutrino-nucleus** [AZH+24]. **Neutrinos** [EES24, GLW+23]. **neutron** [CK20a, CKC+21, CL21, CLEPF23, CLEP24, HSLC24, KJL+23, KC21, LJC+25, MKPW21, MKPW22, VGGP+21, WBF+24, WNV+25, WLL22, XSL+22, MBF+24]. **Neutronic** [ZLH+25]. **neutrons** [BCT20, ZLLZ25]. **Nevanlinna** [IHWG24]. **Neville** [JG24]. **Newly** [IKM+24, LHWX24]. **Newton** [AG21, LVMGF+23, SLC+22, Zho23]. **Newtonian** [AHP21, BRS25, EAOSY25]. **Next** [AAT+14, AAT+20, ABB+22, WZC+24, KM20]. **next-nearest** [WZC+24]. **next-to-leading** [ABB+22]. **Next-to-Minimal** [AAT+20, AAT+14, KM20]. **NextGenPB** [DAS+25]. **NGAMMA** [KM25b]. **NIC** [RHW+21]. **NIC-CAGE** [RHW+21]. **Nicolson** [LNB23]. **NIMROD** [JHH+25]. **nitride** [HLCD20]. **NLO** [SY20]. **NLOX** [FQRR22, HQRR20]. **NLP** [LM22]. **NMR** [FGC+26]. **NNPred** [LSF23]. **noble** [TNL+22]. **Nodal** [WNS+21, SS21b, XSL+22, YZHL22, Zho23, ZLS+22]. **nodal-staggered** [ZLS+22]. **node** [GSBN22, PP24]. **node-level** [GSBN22]. **nodes** [PP23, PP24, YZHL22, PP23]. **noise** [IHWG24, LMWW24a, TCcN23]. **noise-free** [IHWG24]. **noises** [SX25]. **noising** [TAGC22a]. **noisy** [KIK20]. **nominal** [SFBG20]. **Non** [DNG+20, JLL+24, Kar23b, KKY24, MGX24, NA20, WZD+25, AHP21, AKK+24, ADW+23, LLG+24, BHC+25, CL25b, Dau23, DFP+20, DH20, Efr23, EAOSY25, Elk25, ENPMRSV25, FGC+26, FMBD22, GBS+20, GOCSS+23, JDS20, KKM+20, LBS+23, LS24, LHG+20, MES+24, MEC+24, NVC20, PCS+20, QCZ23, RHLTG+22, RG21, RVRT22, SYFT23, SJ21, SLB+23, SBZ23, VXT+23, VB22b, WLCF21, XSM22, YGZG25, ZYY+26, ZYLY22, ZYL+23, ZZ21a, ZCS+24]. **non-aligned** [SBZ23]. **Non-axisymmetric** [WZD+25]. **non-bonded** [VXT+23]. **non-collinear** [GOCSS+23]. **non-convex** [LHG+20]. **Non-empirical** [NA20]. **non-equilibrium** [MES+24, MEC+24, SYFT23, ZYY+26, ZCS+24].

non-flat [SJ21]. **non-ideal** [BHC+25, LS24, YGZG25]. **non-identical** [XSM22]. **non-isothermal** [RHLTG+22]. **Non-iterative** [KKY24, WLCF21]. **Non-linear** [DNG+20, LBS+23, RVRT22, SLB+23]. **Non-local** [JLL+24, NVC20]. **non-magnetic** [LL23, ZYLY22, ZYL+23]. **non-minimal** [AKK+24, KKM+20]. **non-neutral** [LLG+24]. **non-Newtonian** [AHP21, EAOSY25]. **Non-Oscillatory** [MGX24]. **non-pairwise** [RG21]. **non-periodic** [Elk25, FMBD22]. **non-perturbatively** [FGC+26]. **non-reactive** [ADW+23]. **non-spherical** [QCZ23, ZZ21a]. **Non-standard** [Kar23b]. **non-supersymmetric** [ENPMRSV25]. **non-SUSY** [ENPMRSV25]. **non-thermal** [DFP+20]. **non-uniform** [CL25b, PCS+20, VB22b]. **non-vanishing** [JDS20]. **non-zero** [DH20]. **nonadiabatic** [RdMS25, SZT24]. **noncentral** [GST21]. **nonequilibrium** [FTZ+23, SRS+25, WLX24]. **nonequispaced** [YW21]. **Nonintrusive** [TGS+20]. **Nonlinear** [KSJ+22, MEC+24, ZFXW25, BJL+24, BCGT24, BDF+25, Car25, CLS22b, DTC20, FAZ24, FBA+20, GTA21, GGCW24, GMZ+20, HRGGB25, HAO+25, Hua24, JY25, JLL+24, KBB21, LDGN24, LN25, LLL25b, MD25, NS20, NJ25, SMA24, SCL22, WXY20, WHSK24, WKR23, WBM+25a, ZYY+26, ZJM+21, ZWL25]. **nonlocal** [AB21, BDA+20, BDF+25, CLVV22, CSW24, MZV23]. **nonmagnetic** [HWT25]. **nonperturbative** [LN25]. **Nonrad** [TAE+21]. **nonradiative** [TAE+21]. **nonsequential** [TNL+22]. **nontrivial** [Pöt20]. **nonuniform** [HSSC25]. **nOOn** [BCT20]. **NORA** [Sit23, Sit24]. **norm** [TIG+24]. **norm-conserving** [TIG+24]. **normal** [LDUN25]. **normalized** [WCSW25]. **normalizing** [BKS24a]. **nouveau** [PGS+24]. **novel** [Ano20c, LLG+24, HZ24, JLL+24, KK16, KTKK25, KGSL25, LC24, LSL+25, LNB23, MHK24a, Mil25, MPS25, MRKY25, PMS+20a, RARA25, SFKC22, SCMP+22, SCR+22b, TCY+21, WLL22, YZW21, Yan21b, ZXWY25, ZHZG23]. **novelties** [ADH+20]. **November** [Ano20w, Ano21v, Ano22v, Ano23v, Ano24v, Ano25v]. **NSC** [Kar23b]. **NTMpy** [ASU+21]. **NTVTOK** [YBZ+25]. **NTVTOK-ML** [YBZ+25]. **Nuclear** [SCAP24, AAMY23, BFI+21, COJ+22, CCG21, DR21, GUAD22, GSV23, HGT24, Hor23b, KJL+23, LLC+23, LLL24b, MAJ20, TBAR21, UAWW25, Zho23]. **nuclear-decay** [Hor23b]. **nucleation** [Bar22a, WNS+21]. **nuclei** [GCK21, MLD+22]. **Nucleon** [BDA+20, ASK+25, Kar23a, MLD+22, OYC24, SW23]. **nucleon-deuteron** [ASK+25]. **nucleosynthesis** [AAHJ20]. **nucleus** [AZH+24, BDA+20, GJJN23, MLD+22, NRK+21, ZTH+25]. **nuclide** [BOSM24, LWhK+20]. **nudged** [BFD22, OKZ25]. **number** [ATRD21, CdBMdAS+21, HFP21, LLT+23, MD21, NY25, SPC25]. **numbers** [CXCZ23, FHD25, Nog21b, ZZ25]. **numeric** [HLzY+20]. **Numerical** [AS22, Arn20, Bar22b, CFBRE25, CKT21, DdMS25, GMZ+20, HML+25, HJK+24, KOF21, KRE22, MPQ+22, NS20, SZ23, SSV22, WJB21, WWB22, WHB21, WW21, YA25, ZL25, ZLWBH25, ADC+21, Bak23, BP25, BMSP21, BKOV25, BHK25, BKE+25, BTG22, CFBRE24, CZY20, FAZ24, FLS25,

FA21, GSLS20, GTB24, GOCSS+23, GWA+23, GHL+22, GB20, HXD+25, HLS25, KSF+22, KPSL26, KPL+21, KFC+20, Kul20, LM21a, LS21a, LSL+25, MHK24a, MPS+24, MZL+24, MN21, MDHH25, NSU20, DYLV25, PG23, Sai25, SGY24, SGY25, SZL+25, SLTB25, THH21, UCSR25, VB22b, WXZ+24, WAK22, Yan21b, YWM23, ZCWY20, ZS24, ZRH21]. **Numerically** [LHTP+24, SX25]. **Nunziato** [Dau23]. **NuSD** [KTF22]. **nuSQuIDS** [ASW22]. **Nyström** [NJT25].

O [NUK+22]. **O-SUKI-N** [NUK+22]. **OB** [KM25a]. **Object** [BC22, CB23, JKST22]. **Object-oriented** [BC22, CB23, JKST22]. **objective** [CZX+21, DG25b, HZ24, KMG+20, SPMS23, WGJY25]. **objects** [GTE21, SE25]. **obliquely** [BXW+25]. **observable** [YZL+23]. **observables** [CNB+23, KKSV24, PAM24, VG25]. **observatories** [AAA+21]. **obtain** [GWPW21, VMRFC23, ZY25]. **obtaining** [AUEO24, DBdFdSR21]. **ocean** [GG24]. **OCTAVE** [MN21]. **October** [Ano20x, Ano21w, Ano22w, Ano23w, Ano24w, Ano25w]. **octree** [KSF+22, TS23]. **ODEs** [ZL25]. **OECP** [YMCF23]. **off** [AB21, DVC+22, EM25, FUTJ25, MPH+24, ODD+26, MAMK21]. **offload** [SYFT23]. **offloading** [YRNUV25]. **Ohmic** [SZ23, VGGP+21]. **Ohta** [CZY20]. **Oldroyd** [AGH21]. **Oldroyd-B** [AGH21]. **Olsson.wl** [ABFP24]. **on-shell** [Par25]. **on-site** [CXCZ23]. **On-the-fly** [BDC+25, BMREC21, OKZ25]. **One** [WLZ+25, AKK+24, BV21, DDW25, DZF25, Din25, FQRR22, GAJK23, GSLS20, GSV23, Hid21, HQRR20, JG24, KKM+20, KM20, KMS20b, LC24, MWJL23, OCE+23, SFBG20, TMH+23]. **one-dimensional** [BV21, DDW25, Hid21, OCE+23]. **one-electron** [GSV23, SFBG20]. **one-loop** [AKK+24, FQRR22, HQRR20, KKM+20, KM20, KMS20b]. **one-point** [LC24]. **one-step** [JG24, MWJL23]. **One-to-one** [WLZ+25]. **OPAL** [ASA+22]. **OPAL-FEL** [ASA+22]. **Open** [GDK21, HMYH22, HKY+21, KD23, Oti25, WNS+21, WSK+22, YGZG25, AFB+24a, ANS25, ASU+21, ABB+26, ADF+22, ASC+21, BWY25, BC20, BM22, BLN+21, BMT+20, BFI+21, BSC+21, CAWK22, CZS+21, CPG+25, CPL21, COW24, CSW24, CW22, CKGW22, DIK+23, DNG+20, DFU20, DAA+24, DBBP23, EMB+25, Esc25, FZH+26, FTZ+23, FH22, FGC+26, GKS+25, GDJG23, GKT+24, GFD+24, HSB+24, HBB+25, HXS20, HWL+23, HLMB24, HRG+22, Hua23, HHT+24, KGN+21, KGT22, LEE+24, LMBH+24, LMHL20, LH22, MLZ+23, MBTB21, MMP+24, MFB23, MONW21, MAJ20, MVF20, MVAXP22, MRN20, NBC+24, Nor23, DARJ23, PM21, PWC24, PW25, RZWW23, RHW+21, RJ21, SOW25, SPLD20, SKW25, SHB+20, SXC+25, SHW+21, SWTC23, TPK+21, UAWW25, XOTI22, YKSH20, YMCF23, YKK23b, zYCD+20, ZRZ+21, ZJS+20, ZCS+24, ZMK+25]. **open-ended** [YMCF23]. **Open-source** [GDK21, HMYH22, HKY+21, KD23, Oti25, WNS+21, WSK+22, YGZG25, AFB+24a, ANS25, ABB+26, ADF+22, ASC+21, BWY25, BM22, BLN+21,

BMT+20, BFI+21, BSC+21, CZS+21, CPG+25, COW24, CSW24, CW22, CKGW22, DIK+23, DFU20, DAA+24, FZH+26, FTZ+23, FH22, FGC+26, GDJG23, GKT+24, GFD+24, HSB+24, HBB+25, HXS20, HWL+23, HLMB24, HRG+22, HHT+24, KGT22, LEE+24, LMBH+24, LMHL20, LH22, MLZ+23, MBTB21, MMP+24, MFB23, MONW21, MVF20, MVAXP22, NBC+24, Nor23, DARJ23, PM21, PWC24, PW25, RZWW23, RHW+21, RJ21, SOW25, SPLD20, SKW25, SHB+20, SXC+25, SHW+21, SWTC23, TPK+21, UAWW25, XOTI22, YKSH20, YMCF23, YKK23b, ZRZ+21, ZCS+24, ZMK+25].
OpenACC [HT24, KRCY25, EVMP20]. **OpenDust** [KT23]. **OpenFOAM** [CS22a, FCSP20, FA20a, FA20b, GSZK24, KRE22, KG21, MEC+24, NJSY22, NY25, OCC23, SN23, SRT+25, SWTC23, TPK+21, TGS+20, UJ21, VTW+25, VV21, WAC25, Yan21a, YFL22, Zha20, ZCL+25, ZZZ+25, ŻTR+22].
OpenFOAM-based [NJSY22, NY25]. **OpenFOAM(R)** [KFC+20, MDDI21, OXOG23]. **OpenFSI** [YSX+20]. **openFuelCell2** [ZHM+24]. **OpenMC** [LEE+24, LEE+24]. **OpenMP** [HJGL22, MBA21, SYFT23, YRNUV25, YSMBA23, EVMP20]. **OpenMPI** [DS22, PTH24]. **OpenNTP** [LEE+21a]. **OpenSANS** [MZV23]. **OpenSBLI** [LJS21, LSS+25]. **Operating** [CTPS22, KRC+20]. **operation** [HBM+24]. **operations** [BBV23, CB23]. **operator** [BS25b, FKK+21, FCL+25, HYLC25, HAO+25, HS24, HLQL25, KSJ+22, KDK23, RBS+25, SNP+20, SXY25, STC25, TC26, WJB21, WWB22]. **operators** [CB20, GBS+20, HG22, LDUN25, PCB+25, RVRT22, YT22]. **Operon** [BB24b]. **OPITeR** [GHT25]. **OPSimTool** [Kan23]. **Optical** [CPG+25, LLR25, AGMFGE23, AB21, BMP+24, BRHT21, CMS22, CQS+24, DIAA21, HMSV23, Kan23, MD22, MASFP25, OV23, PW25, RCGS25, SKEZ24b, SLB+23, UÁEPGBP24, OAB+25]. **optically** [KRLS+25]. **optics** [CQS+24, KGN+21, LN25, WMA+22]. **Optimal** [SRK+24, BB21, Cas24, COW24, Gai20, JV25, JM24, KKY24, LY24b, RHW+21, RBWD+24, RBWD+25, RRM+23, RDZ+20, STC25, Tan24]. **Optimisation** [TWW22, Bar22a, GWZ+25, TV24]. **optimised** [ALBL25, HVR+25, TIG+24]. **optimistic** [NBCMH20]. **Optimization** [ANV+25, AS24a, ASK+25, CdBMdAS+21, CZX+21, DYH+25, FLW+23, FBC+21, Gag25, Gag26, HTS+21, KWB+25, KL23b, KMG+20, KM22, LHG+25, LDGN24, LCB25, MTY+22, NCF+23, RdPS24, SPMS23, VHBK21, WYHW24, WGJY25, WBK+24, WWJ+22, YW25, YK21b, YNMR24, ZZC20]. **optimizations** [HK24]. **Optimized** [RAJ+24, VTB+21, XOTI22, YSI+24, CL20, CC25, CCL+22, FZD+24, LYZL24, RdSH+24, TMH+23, Wan25a, WBM+25a]. **Optimizing** [CFSV25, HTL+22, SHRK22, WSRO24, Bav24, CB20, Gon22, LJC+25]. **OptiSMOKE** [FBC+21]. **optoelectronic** [DSQ23, VMRFC23]. **Orb** [LOT+20]. **ORB5** [NBB+21, OGL+21]. **orbifolder** [ENPMRSV25]. **orbit** [BKRG22, BJS+23, BRHT21, CFBRE25, FBA+20, GOCSS+23, KRG21, MBA21, RVM+21, XJZ+26, YHH+20]. **Orbital** [CDC+25, BW23, FGC+26, GM20, HLCD20, MHK24b, PAL+20, PWD22, PM21, RZY+24, ZRH21].

orbital-free [BW23, GM20, MHK24b]. **orbitals** [GOCSS+23, SLE+22, SZL+25, SDA+25, SPS25, ZXW+22]. **orbits** [JDS20, JSS+24, MPQ+22]. **order** [AIZ23, ABB+26, BBV+22, ADF+22, ARPB26, BBA23, BBTW25, BHC+25, BDF+25, BSC+21, BKG+23, ČPF+24, CHK25, CC25, CJ21, CWJ21, DBV+24, DFU20, DEdM24, EVMP20, EPM23, EMB+25, EAOSY25, FLS25, FJ22, FRN+23, GBS+20, GZW20, GHL+22, GKT+24, GGCW24, GMZ+20, HAO+25, HWL+23, HCAH+24, KBB21, KSF+22, KPJ24, KD23, KKB+25, LM21a, LF24, LLS+21, LLZ+22, LLY+22, LOYS25, MDP22, PMSHG23, PLL24, PB23, PLF20, PG23, PCS+23, QWZ+21, RZY+24, RSR+25, RCW+20, SP20, SH26, SDBS24, TCY23, Tan24, TSL21, VLS22, WXY20, WYZ25, WCP25, Wan25b, XJZ+26, XPF+24, YS22, Yan21b, YK21b, YKK23b, ZCWY20, ZZZ26, Zho23, ZFXW25, ZZZ+20, ZLS+22]. **ordered** [CJZ25]. **ordering** [LDUN25, TCY23]. **ordinary** [BDF+25, DEdM24, MCP23]. **organic** [BMR+24a, KP25]. **organized** [YLP+24]. **orientation** [AE23, OS24, SJY18, SJY20]. **oriented** [ACD+22, BC22, CB23, DFU20, JKST22, Sha21, Soz21, YR21, YK21b]. **orthogonal** [BNL25, CSC25, LZLT25, RYS+24, Shi25]. **orthogonal/dynamic** [Shi25]. **orthogonality** [ÖAÖ24]. **orthonormal** [DEV20]. **oscillating** [SPTPR21]. **Oscillation** [Pag24a, GLW+23, Pag24b]. **oscillations** [Dan23, DDW25]. **Oscillator** [Efr23, BDdM20, Efr21b, MSN+22, SKEZ24b, SMGK21]. **oscillators** [FH22]. **Oscillatory** [MGX24]. **Oslo** [MZL+21]. **osmo** [FFTV23]. **OSSCAR** [DBBP23]. **otebook** [VMRFC23]. **other** [ADH+20, BCS25, BRA+25, KKL21, MS24, ZHM+24]. **OTSLM** [LSNRD20]. **out-of-equilibrium** [WWB22]. **outcome** [MBDD25]. **overbridging** [AUEO25]. **overhead** [BGR23, VHBK21]. **overlaps** [AJDS+21]. **overrelaxation** [BJL+24]. **overset** [CS22a]. **oxide** [ZGZ+25]. **oxides** [FSC+25].

P [VMRFC23, SHS22, VMRFC23, VPPQ+24]. **P-TRANS** [SHS22]. **PACIAE** [LSY+25, SZY+22, YZL+23]. **Package** [BKOV25, GNP20, PMS20b, AGMFGE23, ASU+21, ASPDL+21, ASPDL+25, ACS+22, ABBD23, AYI+24, AGK+23, ASC+21, Bag22, BA24, BYWW23, BBH+24, BFT20, Ber24, BWW20, Bie21, BCS25, BM22, BCD+21, Bzo21, CMS22, CDD22, CZWE23, COW24, CSW24, CMLA25, CKP+25, CW22, DKRSR22, EBNS22, EST23, FASD20, FH22, FGC+26, Fon21, FLW+25, GAJK23, GK21, Gal22, GST21, GvdBdGN24, GBR23, GLMW25, HR25, HyLF23, HHVB21, HDS+25, HVR+25, HTM+25, HPP23, Hid21, HZ25, HGS20, HWT25, HMW25, JWK+21, JCM20, JRS+21, JPJ+23, KH23, KRL+24, KDHL23, Kür23, Lee21b, LKK23, LCL+23, LZK+23, LYX22, LDUN25, LCZ+21, LM23, LZYY23, LH22, MD22, MD25, MP21, MHK24b, MCKN25, MOMO24, MOMO25, MTY+22, MN25, NG21, NKP20, OBC+24, OAB+25, PAL+20, PSW23, PD24, PTD20, RHLTG+22, RJVM25, RHW+21,

RZY+24, RYS+24, Sat21, SGM+20]. **package** [SXW+20, SZL+25, SAS20, Sit23, SAN24, Sit24, SPS25, TR22, Tor20, TMH+23, TO21, UD24, VCF22, VB22a, WLL+24, WAR+25, WZZ+23, WLLS25, Wor20, WZPW20, WBM+24, XBL+20, XJZ+26, XLX+24, YSX+20, ZYLY22, ZYL+23, ZYH25, ZPL+21, dSOZ22, vdHKB+23]. **packages** [ABFP24, SHW+21]. **packet** [Dio23, RdMS25]. **packing** [BWY25]. **Packing3D.jl** [BWY25]. **Padé** [PPK22]. **Paderborn** [WBM+25a]. **Pair** [AJW+21, BKBL22, JWW+23, Jia20, KKB+24]. **PairDiag** [LQ21]. **PairDiagSph** [LQGL21]. **pairing** [GQ22, LQ21, LQGL21]. **pairs** [ABWZ23]. **pairwise** [HAA+20, Mar22, RG21]. **PAMCARS** [ZHS+20]. **panel** [SCMP+22, SCR+22b]. **PANNA** [LPSK20]. **paper** [GDK21]. **paper-based** [GDK21]. **Parabolic** [OSE+20, ASU+21, BCGT24]. **paradigm** [MMV+24, ZWLX25]. **Parallel** [AHM+23, ASC+24, BR20b, DS20, HMR22, HYLC25, Ham20b, HW22, JM24, JP24, SRT+20, SJCD25, ABB+26, ACS+22, AS24b, BM20, BKP22, BGW+22, BBH+24, BB24b, BMT+20, CZS+21, CCC20, CJZ21, CHY+24, CKP+25, Cos22, DMS+22, DIKSN24, EVMP20, FWL+24a, FASM24, GTMB21, GKS+25, GAGO21, HRGGB25, HJGL22, KWZ24, KF23, KHR+23, KKPC21, KDIN+23, KMM21, KSC+23, KFHR24, LBRW22, LLZ+23, LYZL24, LMHUR23, LNB23, MTW+24, MHLY25, MD20b, MBDD25, MW21, MAMK21, MDR+20, Nor23, OIA+20, RCB+20, RS20, RYS+24, SXW+20, SLZY21, SMKL25, Shi25, SBG23, TSB26, WWZ+23, WLZ+24, WZX+25, XCM25, XLKX21, YS22, YCC22, Yan23, YNDJ25, YML+24, YKY+22, ZAW+21, ZWZ+22, ZLMH23, ZYLL24, ZL25, ZHZG23, MMKJ25, AACE+21, BBH+24]. **Parallel-in-time** [JM24, XCM25]. **paralleling** [DRZ+21]. **Parallelisation** [UJ21, PCB+25]. **parallelism** [CL25b, Mag25, MLT+21, ZDJ25]. **Parallelization** [DBM+24, TCD20, DFG+23, GB22, MRTL25, RCX24, YSI+24, ZYY+26, ZWP+22]. **Parallelized** [BSK+22, CGR21, COP+24, KKLZ23a, LKP21, SGL+25]. **parameter** [BKOV25, GJ24, HPRS23, HR25, KWB+25, LWV20, RBS+25, SMC+22, SZ24a, TSAK21, YWK+24, ZW20]. **parameterizations** [Koł23]. **parameters** [CL20, CFL+22, CSW+25, DBdFdSR21, FGC+26, FA21, GOST23, GOST25, HHVB21, HLCD20, Jab22a, LSSW25, MMCC+22, NKP20, ÖAÖ25, SKC21, SHRK22, TMC22, TNL+22, Usu25]. **parametric** [GL25, RUV20, SKEZ24b, SXY25, WYZ25]. **parametrised** [TGS+20]. **Parametrization** [OKBM23]. **Parametrization-free** [OKBM23]. **parametrized** [AFB+24b, BDGS21]. **ParamGULP** [DBdFdSR21]. **Parareal** [PCB+25]. **PARCE** [OSLC21]. **PaReDiSo** [PTH24]. **Pareto** [KMG+20]. **Pareto-frontal** [KMG+20]. **PARIS** [AACE+21]. **Parisi** [SX25]. **PARPHOM** [MMKJ25]. **Parrinello** [vdHKB+23]. **PARSE** [ZMK+25]. **PARSEC** [LYC20]. **PARSIFAL** [AFB+24b]. **parsimonious** [SJ20]. **Part** [DZF25, Din25, PLT+23, QLX25]. **PArthENoPE** [GdSPC22]. **Partial** [Pos22, BWY25, BBH+24, BS25b, CFSV25, FC25, GHL23, HvM22, LZLT25, OV23, Pen24, SJP21a, SXY25, TC26, WHY+25, ZLY24]. **Partial-wave** [Pos22, SJP21a]. **partially** [GMX+25, MR22, MS24, MM23]. **Particle**

[AMA+20, ANU21, DHK+21, FAL21, JCM20, KPR+24, RVDT25, XZYS25, YYC+23, ABK+22, ACT25, AYWKL24, ASC+24, BCHE21, BKB+21, BC21, LLG+24, Bav24, BTK24, BBTW25, BFL+22, BL25a, sCyW25, CGSO20, CTZW23, CCW+25, DC22, DBH+22, DIO25, DZF25, Din25, DWD+24, DG25b, Efr20, Efr21a, Efr23, Elk25, FN21, FJ22, FTZ+23, FRN21, FA21, FYM+22, GRP+25, GTB24, GWA+23, GH21, GSBN22, GJEA25, ABF+25, GB20, HAO+25, HT20, HML+25, HFP21, HSSC25, HFLT26, JSS+24, KPJ24, KRCY25, KP23, KMU+23, KSC+23, KGSL25, LBRW22, LG21a, LMX+21, LAD+21, LLT+23, LM20, LMQ+23, LYZL24, LSL+25, LY25c, MK22, MRTL25, Mar22, May21, MZL+24, MRH+23, MHP23, MLT+21, MMYU22, MPQ+22, MBE+21, NTO24, NSY+23, NR21, NFB+26, NBS+20, NJT24, NJT25, NBB+21, NRG24, ODR+22, OCR+22, OYG+24, OBGA24, OAP+24, PAM24, PYT+24, PSMRS+23]. **particle** [PK24, PCS+20, RDH+20, RZH22, RC23, SRC21, SFKC22, SDP24, SLL22, SKdSB25, SCZP+25, STRF+20, SWB+23, SMGK21, SBP20, TV24, THH21, TWR21, TAGC22b, TGGC23, TAB+22, TAY+24, Ume22, VPPQ+24, VTW+25, VEHCM21, VRI24, WAR+25, WWM+22, WWZ+25, WOP+20, WGWG25, WS20, XBL+20, XQ21, XHY+24, YNDJ25, YC20, YGSW21, YWX+23, YZZ+23, ZK20, ZRZ+21, ZDSS23, ZGF+24, ZWL25, ZZC20, ZZ24, ZHZG23, ZLS+22, ATRD21, DFG+23, DWD+24, FAL20, FA21, JDˇD+21, KG21, OGL+21, SAC+21]. **Particle-based** [KPR+24, XZYS25, HT20, NFB+26, TAB+22, VPPQ+24, VTW+25, WGWG25]. **particle-fluid** [SKdSB25]. **Particle-In-Cell** [FAL21, YYC+23, ACT25, ASC+24, BCHE21, BC21, LLG+24, BTK24, sCyW25, CTZW23, CCW+25, DBH+22, FN21, FYM+22, GTB24, HSSC25, HFLT26, KRCY25, LMX+21, LAD+21, LSL+25, MRTL25, MRH+23, MLT+21, NTO24, OCR+22, PSMRS+23, RC23, SCZP+25, SWB+23, TWR21, Ume22, XHY+24, YC20, YWX+23, ZK20, ZDSS23, ZLS+22, DFG+23, DWD+24, FAL20, FA21, OGL+21, SAC+21, JDˇD+21, KG21]. **Particle-in-Cell/Monte-Carlo** [JDˇD+21]. **particle-laden** [GWA+23, GB20, WWZ+25]. **particle-laser** [LMX+21]. **particle-matter** [NBS+20]. **Particle-number** [ATRD21]. **particle-particle** [SKdSB25]. **particle-resolved** [MZL+24]. **particle-swarm** [ZZC20]. **particles** [AGJ+23, ADH+20, DG25b, FBA+20, Kür23, LJQ+22, LHWX24, MHK24a, Nie20, PCL24, RDZ+20, SLLA22, SA23, SA25, SAC+21, SGL+25, TCcN23, WS25, YFL22, ZZ21a]. **Particlization** [MEH21]. **particulate** [ABB+24b, QCZ23]. **partition** [LNB23]. **partitioned** [TDD+25]. **partitioning** [Xav22]. **pARTn** [PGS+24]. **Parton** [CCMR21, FAC+25, SZY+22]. **parts** [WBM+24, WBM+25b]. **PaScaL_TCS** [KKPC23]. **PaScaL_TDMA** [KKPC21, YKK+23a]. **pass** [ZZS+25]. **passage** [KKY24]. **Past** [Sjö20]. **patch** [ASC+24]. **patch-based** [ASC+24]. **Path** [PBC+24, DL24, HTK24, KDHL23, Sva24]. **path-determination** [HTK24]. **pathological** [HMM22]. **Paths** [ZXXP25, NA20]. **pathwise** [ANV+25]. **pattern** [HT24, HML+25, Kan24]. **patterns** [JLW24, ZLLZ25].

Pauli [WBvdH20, XQ21]. **Pauling** [ZHS+20]. **Paulo** [CCG21]. **PBCAVE** [BBA+20]. **PCDMD** [YKJ+24]. **pCI** [BCS25, CKP+25]. **PDE** [OIA+20]. **PDEs** [RBS+25, WYZ25, ZJC+25, ZLWBH25]. **PDFFlow** [CCMR21]. **PDMC** [PLT+23, QLX25]. **Peak** [ZWG+24]. **peakon** [ZYXC24]. **pencil** [SPC25]. **pencil-distributed** [SPC25]. **PENELOPE** [GAGO21]. **penetration** [BKB+21]. **Peng** [ZLLM23]. **PENGEOM** [ASPDL+25]. **PenRed** [GAGO21, OBGA24]. **pentaquark** [GBJ+21]. **Perfectly** [Pöt20, NTO24, OKBM23, BBMS25]. **Performance** [HKHY25, LKP21, SCZP+25, SH26, STS+25, TBAR21, WLZ+24, YW25, AALK20, BPMMP24, BCS25, BBC+24, BLM+22, BDR+20, CZTF23, DF25, DB24, DRB22, DIKSN24, FAL20, FAL21, Gav25, GRP+25, GAS+23, HSA22, IYC+24, JGSE25, KDIN+23, KMM21, KPL+21, MT23, OSK+21, OLNG21, RJVM25, RBFB20, SGPTG25, SRE+24, SGY24, SGY25, SSV22, VAS+25, WRM+24, YJLW21, YML+24, YKK23b, YLK+20, ZMC23]. **performant** [BB24a, RLW+24]. **Performing** [WBM+25b, BCS25, CMLA25, SC22, VCF22]. **Peridynamic** [LFL+24]. **peridynamics** [LC24]. **Periodic** [GVV22, HPP23, AL24, COP+24, Elk25, FMBD22, JDS20, KAG24, LXY+21, LY25a, MD20a, VLHC25]. **periodically** [BNL25]. **periodicities** [LF25]. **peripheral** [BCT20, BKBL22]. **Perl** [HBM+24]. **Perl-based** [HBM+24]. **permaFoam** [OXOG23]. **Permafrost** [OXOG23]. **permanent** [HK24]. **permittivity** [YMCF23]. **permutation** [YLIO22, Zeb22]. **perspective** [LC24]. **Perturbation** [RTRB21, ATRD21, GBD+22, IYP+25, LACL24, SLZY21, SDL+21, TMC22, Gal22]. **perturbations** [YYC+23]. **perturbatively** [FGC+26]. **Perturbo** [ZPL+21]. **PET** [HLMB24]. **petBOA** [KWB+25]. **PETOOL** [OSE+20]. **Pfaffians** [XOTI22]. **pfd** [BBH+24]. **pfd-parallel** [BBH+24]. **PFLOPS** [IKM+23, LWC+21]. **pgm** [WZZ+23]. **PGNAA** [CdBMM25]. **pGrAdd** [WV22]. **PH** [PP24]. **PH-NODE** [PP24]. **Ph3pyWF** [WLLS25]. **PHARE** [ASC+24]. **phase** [AYI+24, Bar22a, BMM21, BBM+25, BBA23, BBA25, BND22, BSC+21, CAWK22, CFLR24, CZY20, CJZ25, Dau23, EST23, ENK24, FDPT23, HLY25, KMN21, KBSL22, Koł23, Koł25, KNJ+23, LLL+24a, MMFdL21, MA24, MPS25, NABM25, NBB+21, PBK21, PARB25, RSD20, RSS25, REZS25, SRT+20, SZ23, SZL+25, SXC+25, SFS22, TCSA21, TCY23, TQGE23, VB22b, WT22, WYT23, Yan21b, YK21a, ZCWY20, ZDG+21, YLK21, FLK+20]. **phase-change** [RSD20, SRT+20]. **phase-field** [CZY20, FDPT23, HLY25, KNJ+23, RSS25, REZS25, SXC+25, TCY23, WYT23, YK21a, ZCWY20, ZDG+21]. **Phase-I** [YLK21]. **phase-space** [NBB+21, TCSA21]. **phase/component** [ANS25]. **phases** [AMP+21, FLW+23, FSC+25, KvdW20]. **PhasicFlow** [Nor23]. **phenomena** [MP21, YLP+24]. **phenomenology** [BBH+23]. **PHOENIX** [WBM+25a]. **phonon** [DGHA25, HYL+22, LACL24, LFL+24, MMP+24, SHS22, SS25, SLIC24, SDV+25, Vuk25, WZZ+23, YHY+21, ZPL+21, MMKJ25]. **phonon-limited** [Vuk25]. **phononic** [CWC25, PP24, WXZH24]. **phonons**

[PPR+21]. **photo** [RHW+21, RBWD+24]. **photo-excited** [RHW+21, RBWD+24]. **photoelectric** [WSK+22]. **photoelectrochemical** [BMI23]. **photoelectron** [BFMA+24, Jab22a, TB20]. **photoemission** [BYL+21, RMFB23]. **photoinjector** [NCF+23]. **Photoionization** [BFMA+24, HBM+24, TCSD24]. **photoluminescence** [BMR+24a]. **Photon** [Kal20, AAD+24, JWW+23, Kan23, KMS20a, LHWX24, OV23]. **photonic** [ABD+25, DNG+20, KR23, LLL25b, MSH22, SLL+24, WZZS21, ZMN+24]. **photons** [MBG+20]. **Phys** [AAT+20, Ano20c, FAL21, MKPW22, MSHP20, Och23a, SJY20, YNV23, ZYX22]. **Physalis** [WS20]. **PHYSBO** [MTY+22]. **Physical** [Art25, ZMK+25, AM21b, Her25, JYL+23, KKSV24, WAN+22, YFL22, YKK23b]. **physically** [Pod25]. **phYsicist** [UMA21]. **Physics** [AEG+25, ACD+22, BS25b, DVB+25b, HM24b, KD25, LY22, MOMO25, Pag24a, PARB25, RRC+24, SSO+25, SGY25, VLHC25, WHQS26, YKJ+24, ZYHH25, tZHM+25, AG21, AGJ+23, ABK+22, BFD25, BLN+21, BC22, CB23, CKD+25, CGG21, DR21, DBE+24, EBNS22, FGMW25, FC25, FXZT21, FTG23, FRN+23, FTRZ25, GDJG23, GEM+25, ABF+25, GFD+24, Kal20, KPR+24, Koz23, LGX+25, LLC+23, LCCC25, LP24, LFZ20, MN25, PAM24, PBC+24, RSR+25, RGS+21, RSPJ21, RPGG25, SRC21, SDP24, SE24, SHB+20, SZ24a, SSD+22, SCT21, TOV25, TV24, TS25, TW21b, VEHCM21, WBF+24, WGJY25, WHY+25, WLL22, WAET22, XYZR25, XLL+22, XPF+24, XHY+24, ZRZ+21, ZJC+25, ZD25, ZDLS21]. **Physics-aware** [VLHC25, CKD+25]. **physics-based** [FGMW25, SDP24, WAET22]. **Physics-constrained** [YKJ+24]. **Physics-driven** [ZYHH25]. **physics-encoded** [RSR+25]. **Physics-Informed** [LY22, BS25b, KD25, RRC+24, tZHM+25, FC25, LGX+25, LCCC25, RPGG25, SE24, WBF+24, WHY+25, XYZR25, ZJC+25, ZD25]. **physiologically** [ZHZ+23]. **physiologically-significant** [ZHZ+23]. **PIC** [BBMS25, Gon22, LOT+20, MT23, MBE+21, NDFL24, WXX24, YC20]. **PIC-MCC** [WXX24]. **picFoam** [KG21]. **PICLas** [GP25, LFP25]. **PICLS** [SBB+24]. **pICNIK** [RHLTG+22]. **PIGE** [MMC+22]. **pikoe** [OYC24]. **Pilgrim** [FCTFR20]. **pilot** [OIA+20]. **pin** [Zho23]. **pin-by-pin** [Zho23]. **Pineline** [BCCM+24]. **PINN** [LY25a]. **PINNs** [LGX+25]. **PINTO** [BS25b]. **pipe** [WGJY25, XLL+22]. **pipeline** [BBLB+25]. **pipelined** [PP21]. **pipelines** [WAK22, WKJB23]. **Pitaevskii** [BKRG22, CR20, CCW20, CWJ21, GTA21, KRG21, KMR22, KPL+21, RJVM25, YSMBA23]. **PittPack** [HXS20]. **PIV** [NT24]. **pKa** [SOH+23]. **pkgPENGEOM** [ASPDL+21]. **planar** [ZL20]. **Planck** [ZLL+24, ZX23, DTC20, HAO+25, KSJ+22, KPJ24, TCSA21, TKC+21]. **plane** [BR20a, FASD20, FWL+24a, GdPSH25, GC25, HM24a, HM24b, JZW+22, MSHP02, MSHP20, YJLW21]. **plane-wave** [FWL+24a, JZW+22, MSHP02, MSHP20]. **plane-waves** [GC25]. **plasma** [ARLDG24, BXW+25, BYWW23, BGW+22, Bel24, BL21, CTZW23, DIK+23, DML23, DSY25, DKM+24, GUW+22, HAO+25, HA23, HXD+25,

HSSC25, HFLT26, Ken25, KT23, LAD+21, LLT+23, LLQ+23, LSW+20, LOYS25, MTW+24, MMP20, MRH+23, NZA25, PG23, RSHS24, RdSH+24, SE25, SMC+22, SKYQ21, SSD+22, TKS22, Ume22, WRM+24, sXBkB+22, YGSW21, ZK25, ZDSS23, ZGW20, ZSqXY21]. **plasma-based** [LAD+21]. **plasma-material** [MRH+23, YGSW21]. **plasma-neutral** [TKS22]. **plasmas** [BJL+24, LLG+24, BTK24, BLN+25, CHK25, DFP+20, HYLC25, JĎD+21, KRLS+25, KOF21, LZZ+25, MXH+24, MMYU22, PBG+25, SMA24, VV21, WLF+23, YC20, YKY+22, ZLL+24]. **plasmonic** [MZV23]. **plasticity** [EGLK20, YML+24]. **Plateau** [LY24a]. **platform** [BBV23, BLN+21, DBBP23, MLZ+23, OSK+21, PMA+21, SJY18, SJY20, ZWC+20]. **platforms** [BB24b, CCM20, SCF20, YJLW21]. **plethora** [FR20]. **PLQ** [BMR+24a]. **PLQ-sim** [BMR+24a]. **plugin** [PGS+24]. **PLUTO** [MHP23]. **PM2D** [MTW+24]. **PML** [XFH+22, ZZZ+20]. **pMuTT** [LWV20]. **POD** [VLHC25]. **POD-based** [VLHC25]. **Poincaré** [SRML20]. **point** [Ano20c, AM21a, BFG24, CFBRE24, CLEPF23, CLEP24, DIAA21, FH22, Ham20b, KK16, LG21b, LC24, SSH+23, VZ20]. **point-group** [CFBRE24]. **PointGroupNRG** [CFBRE24]. **Pointing** [PLT+23, QLX25]. **points** [BBA+20]. **Poisson** [BBA+20, CLVV22, DAS+25, DCZ23, HXS20, JP24, LSW+20, MRTL25, SLZ+24, SBB+24, TS23, YSI+24, YKY+22, YJ24, ZX23]. **Poisson-sphere** [JP24]. **Pol** [BDdM20]. **POLALMM** [SFBG20]. **Polar** [KP25]. **polarimeter** [CV24]. **POLARIS** [KRLS+25]. **polarizabilities** [SFBG20]. **polarizability** [Kut20]. **polarization** [KP25, LN25, MOV21]. **polarizations** [NTO24]. **Polarized** [SY20, BKS24b, BAB+20, KRLS+25]. **polaron** [SZ23]. **Pole** [KHKL24, AS22]. **Pole-fitting** [KHKL24]. **polyamide** [ZBS+23]. **polyatomic** [LHZ20]. **polyatomics** [MPZB+24]. **polygonal** [SVSC20]. **polyhedron** [Nis22]. **PolyHoop** [MV25, VRI24]. **polylogarithms** [Ber24, NSU20]. **polymer** [HT24, NMA+25, SJ20, VvBTH20, ZBS+23]. **Polymers** [HPP23, ECS23, HTK24, LVMGF+23, NBC+24]. **PolyMorph** [MV25]. **polynomial** [BND22, CCK23, GDB10, LMWW24a, LYC20, LP24, SvdW24]. **polynomial-correction** [SvdW24]. **polynomials** [PWC24]. **PolyPal** [SMKL25]. **Polyrate** [MPZB+24]. **polytope** [LH24]. **PolyWeight** [NBC+24]. **ponderomotive** [BGW+22]. **pools** [KJL+23]. **POP** [SXC+25, ZWC22]. **population** [HFP21, RCS21]. **pore** [KAG24, OSK+21]. **poromechanical** [CCC20]. **porosity** [VPZH24]. **porous** [LMRN25, OSK+21, DYLV25, SFS22, TSB26, VPZH24, YCCW23, ŻTR+22]. **porousMultiphaseFoam** [HRG+22]. **port** [BLM+22]. **portability** [DB24, DRB22]. **Portable** [Dür23, BB24a, DF25, DIKSN24, DBH+22, KDIN+23, MDP22, RDC+20, SRE+24, WRM+24, YSX+20, YML+24]. **Portobello** [AMK24, PAG+25]. **posed** [ZZ24]. **posedness** [SWZ23]. **position** [PMS+20a]. **positions** [RCH24]. **positive** [LS21a, SJP21a, SY25]. **positivity** [PGYF21, XDF20]. **positivity-preserving** [PGYF21]. **positron** [Dry21, HMYH22, HA23, HSO+22, HBM+24, WLZ+25, YZW22]. **positrons** [MBG+20, SJP21a]. **possible** [BBA+20]. **Post**

[AM21a, CEC+24, CP25b, Ham20b, HCAH+24, LR22, MPSK21, WGGC22].
Post-processing
[AM21a, CEC+24, Ham20b, HTH+20, HCAH+24, LR22, WGGC22].
post-processor [MPSK21]. **post-reaction** [CP25b]. **posteriori** [Wan25b].
Potential [BBB20, LWC+21, NRK+21, ASK+25, BBTW25, BDA+20, CCG21, DSW+23, DBdFdSR21, FMBD22, FTRZ25, GCK21, LKP24, NA20, PBK21, RV20, RV21, SKS24, SVJ+24, SSPF24, Tan23, TVSM25, TNL+22, VZ20, WNV+25, Xav22, ZWC+20, ZHI23]. **potential-based** [FMBD22].
potentials [AB21, BCGT24, BRA+25, CWG+21, CLZ+25, CT23, Dio23, HAA+20, KWK+21, Kar23a, KDH+25, LG21b, MPN+21, SRK+24, SLBN26, WGG20, WAET22]. **PotLib** [SVJ+24]. **Potts** [KW23]. **power** [GEM+25, SKS24, ZZ21a, ZS24]. **powered** [SGY24, SGY25]. **PowerMEIS** [MAT+25]. **powers** [JG24, SA23, SA25]. **PPR** [RdSH+24]. **Practical** [AKL+21, LACL24, Her25, KSIL22]. **practices** [CL25b]. **pre** [HTH+20, NFB+26, YZZ+23]. **pre-processing** [NFB+26, YZZ+23].
pre/post [HTH+20]. **pre/post-processing** [HTH+20]. **precise** [MPSK21].
Precision
[BHH+20, CKP+25, DS20, KAB+21, KSL+25, KGT22, KUK25, SDV+25].
PrecisionLauricella [BKOV25]. **preconditioners** [YYY22].
preconditioning [LJH+23, WHY+25, ZGSW24].
preconditioning-pretraining [WHY+25]. **precursor** [JNVC+25]. **predict** [KLD+21]. **Predicting** [HLQL25, Di 22, ST23b, CY24, CW22, LLL+25a, LDGN24, RHW+21, ZHS+20]. **prediction** [CSW+25, GEM+25, HSLC24, MZM+25, RHJ+25, SGPTG25, SY25, ZZ21b, ZZC20]. **predictions** [BCCM+24, ECS23]. **predictive** [PBG+25, ZZ21a]. **predictors** [TDD+25].
preliminary [WZK+24]. **preparation** [GAJK23]. **prepare** [MBDD25].
prepare-and-measure [MBDD25]. **presence** [AB21, SX25, THH21].
present [Sjö20]. **preserving** [CWJ21, GP25, GGCW24, GL25, HLY25, HA21, LY25a, LW24, PGYF21, SJP+21b, XDF20, XQ21, YNDJ25, ZYXC24].
pressure [BTK24, CS22a, JGSE25, JDˇD+21, NJSY22, NY25, NLS24, UJ21, XZLX20, ZY25]. **pretrained** [Pen24, ZLY24]. **pretraining** [WHY+25].
primitive [Sva24]. **primordial** [BBM+25]. **principal** [EGKH24, LS23, Yev21, FMT24]. **principle** [Jia20, RCGS25]. **Principles** [NI22, AM21a, ARPB26, BCTS22, Dan24, FGC+26, KvdW20, LLS+21, LLZ+22, MBTB21, MPN+21, Och23a, Och23b, PB23, SDL+21, SZL+25, TAE+21, XLX+24, YI22, YJLW21]. **printing** [JLW24]. **prismatic** [ZLH+25].
probabilistic [DYH+25, SGPTG25]. **probabilities** [DRSZ23, GT26, LSC+25]. **Probability** [PYT+24, QLX25, BKS24a, PLT+23]. **Probability-conserved** [PYT+24].
probe [AUO+22, AES21, OYG+24, YMCF23]. **probe-particle** [OYG+24].
Probing [JNVC+25]. **problem** [Ano20c, BHK25, CdBMdAS+21, ELSV24, KK16, LKJ+25, LS25, LLH+21b, SSB+23]. **problems** [AG21, ACS+22, ATC+23, BKP22, BSK+22, BDR+20, CJZ21, DNG+20, FAZ24, FYW23, HAM+20a, Her25, JRG21, JM24, KKPC23, LYZL24, LF20,

LLL25b, MM22, PARB25, PGYF21, PPKK21, Pod25, RCB+20, Scr22a, SGY24, SGY25, SLC+22, TGS+20, VPS23, VHBK21, VTB+21, WWZ+23, WHSK24, XLFL25, YYY22, ZJ23]. **procedure** [CEC+24, KM23]. **Process** [RBV+22, BKE+25, GAJK23, HA23, LJC+25]. **processes** [CRZ25, CF21, DAA+24, For22, GPD+22, HMSV23, HQRR20, KKSV24, KMS20a, MBG+20, MT23, RCB21, SKS25, SXC+25, SC22, WBvdH20, ZHM+24]. **Processing** [AGH21, AM21a, CLH+25, CEC+24, DC22, Ham20b, HTH+20, HCAH+24, KvH21, LR22, MBDD25, NFB+26, RdSH+24, SPTPR21, TOV25, WGGC22, WICA22, WKJB23, YZZ+23, ZDJ25]. **processor** [MPSK21, OLNG21]. **processor-based** [OLNG21]. **Procrustes** [MRT+22]. **produced** [MXH+24]. **product** [CCK23, GDB10, SKM+21, TWW22, XFGS24, YT22]. **Production** [AJW+21, AZH+24, BKBL22, GBJ+21, JWW+23, KOT23, KM25b, SCAP24, YZW22, AEG+25]. **Professor** [Haz23]. **profiling** [Dry21, MMC+22]. **Program** [AJW+21, BBA+20, DL24, Dio23, Efr20, AKK+24, ADW+23, BOSM24, BDP+21, BN20, BN23, BYL+21, BKBL22, CPG+25, Cas24, CGZ+20, CWC25, CGV+22, DDM20, FO20, FO21, Gai20, GFML25, GTMB21, GM20, GHT25, GJJN23, GFD+24, GSV23, Hor23b, Hor24, HHMH+22, HHT+24, KKM+20, KL25, Koł22, KM20, KMS20b, LKYH25, LSC+25, LGBJ20, LTL+25, LZP+24, LQ21, LQGL21, MBJB24, MSN+22, MONW21, MPZB+24, MZ22, NBC+24, NAZ+22, OYC24, PBK21, Roh22, RUV20, SLP+22, SMO+20a, SFBG20, SLZG20, SMB20, SLL+24, SZT24, UAWW25, VG25, WGG20, WLZ+24, WAYL23, fWL24b, Xav22, XWYQ21, YLLW24, YP24, YLH+20, ZLLM23, ZXT22, ZBS+23, ZXT23, ZL25, ZTH+25, ZJS+20, ZZ21b, DBdFdSR21]. **programmed** [SKC21, SC22]. **programming** [EVMP20, ENK24, FSMM24, FLW+23, Par21, UBL25, ZWLX25]. **programs** [BKRG22, FN23, KSDH23, KRG21, PW25, SZ24a, YSMBA23]. **project** [GAA+20, BMREC21]. **projected** [ATRD21]. **projection** [BIL25, ST23a]. **prolate** [SSB+23]. **Prometheus** [LMBH+24]. **promising** [ENPMRSV25]. **prompt** [WNV+25, PYT+24]. **prompt-fission** [WNV+25]. **propagate** [AAA+25, SLP+22]. **propagating** [BXW+25]. **propagation** [AAD+24, App25, ASW22, BBMS25, CB25, HRGGB25, Koz23, LAC+25, MHÅ21, MR22, MS24, Mau20, MD22, MZL+21, NRG24]. **propagator** [DZF25, Din25, LG21a, LG21b, Nog21a, PBC+24, RUV20]. **proper** [BNL25, CSC25, RYS+24, Shi25, TGS+20]. **Properties** [LY22, LPSK20, BSS+23, BBB20, BTW20, BRHT21, DF25, DCRF23, DIAA21, DSQ23, Du25, EL24, ESS+25, ENK24, FO21, FGCN+21, FLK+20, GFML25, GGH+25, GLN23, HWT25, KKPC23, KLM+22, LBM+23, MMP+24, Mar22, MPSK21, NAZ+21, NAZ+22, NGCS+25, SMO+20a, SLK23, SP23, SLDF+21, ŚGBK26, TR22, VMRFC23, VG25, Vuk25, WGGC22, WV22, YNV22, YNV23, YKYK23, ZLLM23]. **property** [AUEO24, MM23, MMM20, MYKC23, SJWL22]. **Prophecy4f** [DDM20]. **PROPOSAL** [AAD+24]. **propulsion** [SSN25]. **protein** [BBA+20, HL21, OCK+24, Ryd20, ZJS+20]. **Proteins** [HPP23, MBCC23].

Protocol [OSLC21, KMN21]. **proton** [Ada22, CWZ+24, GBJ+21, OYC24, ZTH+25]. **proton-nucleus** [ZTH+25]. **proton-proton** [GBJ+21]. **protons** [SCAP24]. **Prototyping** [TPS+24]. **provably** [MDHH25]. **provider** [FQRR22, HQRR20]. **providing** [AIZ23]. **pseudo** [CHA21, CCW20, FRN21, LBRW22, MBCC23, YRNUV25, ZYXC24, ZLS+22]. **pseudo-deterministic** [CHA21]. **pseudo-improper-dihedral** [MBCC23]. **pseudo-spectral** [CCW20, FRN21, LBRW22, YRNUV25, ZYXC24, ZLS+22]. **PseudoDojo** [TIG+24]. **pseudopotential** [GC25]. **pseudopotentials** [BTW20, NVC20, SPMS23, TIG+24]. **pseudospectral** [RC23, ZZZ26]. **PSGen** [Koł23]. **PSTD** [LKP21]. **PSTD-FDTD** [LKP21]. **PSTGF** [FMCB+20]. **public** [AAHJ20, SLP+22]. **pulse** [CML+24, MD22, WMM+24]. **pulsed** [Nie22a]. **PULSEE** [CNB+23]. **pulses** [BAB+20, Tan23]. **PUMAS** [Nie22b]. **pure** [SSD+22]. **pure-Python** [SSD+22]. **purpose** [ASPDL+21, ASPDL+25, ABF+23b, DCRF23, DC22, HT20, Koł22, LVMGF+23, Wor20, ZWC22]. **pusher** [DML23, GH21, ZZ24]. **PV** [MFS+22]. **PWDFT.jl** [FASD20]. **PXLink** [ZBS+23]. **py** [BFT20, Kür23, PP23, BYWW23, HMW25, LEE+24, BGHC23, MD22]. **Py-EFIT** [BYWW23]. **py-fmas** [MD22]. **PY-Nodes** [PP23]. **pyAPEP** [GAJK23]. **PyArc** [XLX+24]. **PYATB** [JPJ+23]. **PyBEST** [BLN+21, BBC+24]. **pyBoLaNO** [LDUN25]. **PyCharge** [FH22]. **PyCSP** [Gal22]. **pyDSM** [ECS23]. **pyerrors** [JKKN23]. **PyFitit** [MGG+20]. **PyFocus** [CMS22]. **PyFR** [WVT+25]. **PyFrac** [ZL20]. **Pyg4ometry** [WAN+22]. **pyGDM** [WMA+22]. **pyhf** [AKW21]. **pyHMA** [MPSK21]. **PyHoLo** [MZD+20]. **PyHTStack2D** [ZYH25]. **PyLCP** [EBNS22]. **PyLlama** [BVV22]. **PyLOM** [EMB+25]. **pyMCD** [LKK23]. **PyMikor** [Bar22b]. **pyMOE** [CQS+24]. **PyOECP** [YMCF23]. **PyOpenCL** [MR22]. **PyPhotonics** [TR22]. **PyProcar** [HTH+20, LTT+24]. **PyR** [SS21a]. **Pyrough** [IGL+24]. **pySecDec** [HNOW25, HJJ+22, HJK+24]. **PySPOD** [RYS+24]. **PySTH** [LTL+25]. **PyStructureFactor** [SZNW23]. **pyTDGL** [Hor23a]. **PYTHIA** [KL22, Sjö20]. **Python** [AZH+24, AGMFGE23, ABGD+20, AYI+24, AM21a, AS24b, BYWW23, BVV22, Bie21, BCS25, BGHC23, BLN+21, BYL+21, CZA+23, CMS22, CFPS23, CMLA25, DCRF23, DDW25, DBdFdSR21, EBNS22, ECS23, FH22, FPSZ21, Gal22, GHKW22, HS22, HHVB21, HDS+25, HTH+20, HTM+25, HQF+20, Hor23a, HMW25, JKST22, JPJ+23, JKKN23, Kar23a, KWB+25, KH23, KKB+24, KVSC21, LEE+24, LKK23, LN23, LTL+25, LDUN25, LDW+21, LWV20, MD22, MD25, MRT+22, MMCG26, MN25, NT24, PP23, PP24, Pot24, RHLTG+22, RJVM25, RGS+21, RSPJ21, SLP+22, Sch21, SLB+23, SP23, SSD+22, SLDF+21, SZNW23, TR22, TQGE23, TMH+23, VCF22, WAN+22, WZZ+23, WBK+24, WAK22, WMA+22, WV22, XLX+24, ZYH25, ZY25, ZGK+24, ZCS+24]. **Python-based** [AZH+24, ABGD+20, KKB+24, LEE+24, SLB+23]. **Pythonic** [BLN+21]. **PyTorch** [JS24]. **pywidgets** [VMRFC23]. **PyWolf** [MR22, MS24, Mag25].

PyXtal [FPSZ21].

Q [SXC+25, ZWC22]. **Q-POP-IMT** [SXC+25]. **Q-POP-Thermo** [ZWC22]. **QBMM** [LMHL20]. **QCD** [Du25, Dür23, EVFRHR23, FFLR20, FKK+21, HLM22, IKM+23, KM20, KMS20b, Kub24, LMWW24b, MBC+24, WSRO24]. **QCT** [Dju20]. **QDD** [DVC+22]. **QDT** [KMBP24]. **QE** [FGC+26]. **QE-CONVERSE** [FGC+26]. **QED** [BKG+23, MT23]. **QEHeat** [MBTB21]. **qeirreps** [MONW21]. **QEM** [VLHC25]. **QERaman** [HHT+24]. **QISG** [BPMMP24]. **qlbm** [GSM25]. **QMeS** [PSW23]. **QMeS-Derivation** [PSW23]. **QMMM** [LZP+24]. **qocttools** [Cas24]. **QOptCraft** [AGMFGE23]. **QPAD** [LAD+21]. **QPC** [ZLMH23]. **QPC-TDSE** [ZLMH23]. **Qprop** [TB20]. **QRCODE** [COP+24]. **QRPA** [BS25a]. **QS** [UYS22]. **QSGS** [YLLW24]. **qspec** [MN25]. **QSW_MPI** [MW21]. **QTRAJ** [OEI+22]. **quadratic** [Par21]. **Quadrature** [LP24, GDS+21, GCWZ20, HFP21, LC24, MM23]. **quadrature-based** [HFP21]. **quadratures** [ST23a]. **quadrilateral** [SZW25]. **quality** [DYH+25]. **Quantics** [Wor20]. **quantification** [KMG+20, TO21]. **quantitative** [BDP+21, Jab22a, MMC+22, MGG+20]. **quantities** [KKSV24]. **Quantum** [AMK24, ASW20, AYWKL24, DHE+24, HTN21, KPL+21, KK20, MONW21, MYMK+21, NJ25, SCCB25, UYS22, dBBVA20, vRCM21, AGMFGE23, ADW+23, ACS+22, BPMMP24, BTG22, BLG24, CLY22, CNB+23, CPL21, Cas24, CDD22, COW24, CP25b, DH22, Dio23, Esc25, FHD25, FGC+26, GSM25, GJA21, GF23, GLB+21, HAM+20a, HVR+25, HTM+25, Hua23, KSDH23, KSM+25, KMBP24, KSP25, LZP+24, MW21, MAJ20, MOY+22, MOY+25, Nog21b, OV23, PM21, PC21, Pot24, RMM21, RBWD+24, RBWD+25, RdMS25, RRM+23, Sai25, SLLA22, SOW25, SDL+21, SZ23, SXC+25, SNG20, TMH+23, UD24, UAWW25, VCHH23, WWS+25a, WWS+25b, WWDM20, WWJ+22, Wor20, WZC+24, WHSG24, XFGS24, YJLW21, ZXXP25, ZCS+24, ZLP25, RBM25, DVC+22, HTN21, HHT+24]. **quantum-kinetic** [CP25b]. **QuantumDNA** [HTM+25]. **quantumfdtd** [DSSW22]. **QuantumOptics.jl** [OAB+25]. **Quark** [AJW+21, IKM+23, JWW+23, Dju20]. **quarkonium** [OEI+22, YZW22]. **Quasi** [KW23, LY24b, OCR+22, BR20b, DBH+22, JSW25, LAD+21, MCP23, YZHL22]. **quasi-coarse-grained** [JSW25]. **Quasi-exact** [KW23]. **Quasi-Helmholtz** [OCR+22]. **Quasi-optimal** [LY24b]. **quasi-static** [BR20b, DBH+22, LAD+21]. **quasi-transport** [YZHL22]. **quasi-two** [MCP23]. **quasicrystals** [Yan24a]. **quasiharmonic** [LDW+21]. **quasiparticle** [BN20, BND22, BN23, SLZG20]. **quasistationary** [CF21]. **qubit** [RBWD+25]. **qudits** [dSFFM25]. **QuDPy** [SLB+23]. **quench** [KCJX24]. **quenching** [BMR+24a]. **Questaal** [PAL+20]. **QuForge** [dSFFM25]. **QuGIT** [BTG22]. **quick** [SCR+22b]. **quickly** [FO20, FO21, ZYL+23]. **QuOCS** [RRM+23]. **quTARANG** [RJVM25]. **qvasp** [YTC+20]. **QWAK** [SCCB25].

R2S [LAC+25]. **R2S-UNED** [LAC+25]. **Rabi** [MBA21, RVM+21]. **Rabi-coupled** [MBA21, RVM+21]. **Racah** [DLD+21]. **rack** [BBF+25]. **rack-scale** [BBF+25]. **radial** [BA24, BLN+25, LGDF20, LM22, NTO24, SLE+22]. **radially** [Elk25]. **RadIation** [KRLS+25, ASPDL+21, ASPDL+25, Arn20, COJ+22, CZX+21, DRM20, DFP+20, GAGO21, HLQL25, LLH21a, LMMP23, MXH+24, NS20, Nie20, OBGA24, PLT+23, PSMRS+23, RDC+20, Sij23, WAN+22]. **radiations** [Roh22]. **radiative** [BKG+23, FXQS21, KSIL22, SJWL22, TVAW+25, WHQS26, XLX+24, ZXWY25]. **Radio** [BBLB+25, KM23, MMP20, PSMRS+23]. **radio-frequency** [KM23, MMP20]. **radioactive** [PMS+20a]. **RadLib** [SJWL22]. **Raman** [HHT+24, KSG22, ZJM+25]. **random** [AYI+24, BND22, KW23, KTC25, SZL+25, TRB+20a, RBV+22]. **random-field** [KW23]. **randomized** [LMHUR23]. **randomly** [LDGN24, YYZ+22]. **range** [DL24, FHD25, GSBN22, HG22, VXT+23]. **rank** [CE22, CL22a, VPS23]. **RANS** [VLS22]. **RANSBox** [MOMO25, MOMO24]. **Raphson** [AG21]. **Rapid** [NSU20, BMI23, MOA24]. **rapidly** [TPCT22]. **rare** [DRSZ23, SJP+21b, SKC21]. **rare-event** [SJP+21b]. **rarefied** [CAWK22, KPJ24, MEC+24, VTW+25, ZYY+26]. **rarefiedMultiphaseFoam** [CAWK22]. **RASCBEC** [ZJM+25]. **Rate** [MDDI21, OAB+25, FCTFR20, JG24, KFC+20, SC22]. **rates** [HYL+22, LGBJ20, MES+24, MPZB+24, SZNW23, TPW+25]. **rational** [AKL+21, DEdM24, KL20, KKL21, Mai25]. **rationalization** [BWW20]. **RationalizeRoots** [BWW20]. **ratios** [GT26]. **Ray** [HFLT26, MA25, CB25, CML+24, DIO25, FXQS21, GRP+25, GSL+23, HLZH25, Hua24, Jab22a, MKPW21, MKPW22, Mau20, SHS22, SPF21, SBG23, WWM+22, WKJB23, sXBkB+22, GSC+26]. **Ray-tracing** [HFLT26, FXQS21, SHS22]. **Rayleigh** [LY24a]. **rays** [GB24, MNS+24, NVT25, ZLLZ25]. **RC** [BKG+23]. **RCWA4D** [LF25]. **RDM** [PFG22]. **Re** [YC20, OS24]. **re-orientation** [OS24]. **Re-splitting** [YC20]. **REACTER** [GJW24]. **reacting** [FZH+26, Gal22, MLZ+23, MDB+25, NJSY22, RCX24, TPK+21, WAC25]. **reaction** [AYB24, BB24b, CP25b, FLW+23, GMZ+20, MPZB+24, PTH24, RdMS25, XDF20]. **reaction-diffusion** [BB24b]. **reaction-diffusion-wave** [GMZ+20]. **reactions** [AHM+23, GJEA25, LFP25, OYC24, SW23]. **reactive** [AS22, ANS25, ADW+23, CNS22, GJW24, GP22, MPH+24, MRG22, WZDL26]. **reactive-flow** [CNS22]. **reactivities** [Xie23]. **reactor** [AG23, LLC+23, SBZ23, WGJY25, WLL22, XLL+22, ZIM+25, Zho23]. **reactor-scale** [SBZ23]. **reactors** [ODD+26, TBAR21, ZLH+25]. **read** [CBB+25]. **read-out** [CBB+25]. **reading** [HGT24]. **ready** [SMB20]. **Real** [MVK+24, NJSY22, WKJB23, AUEO25, BW23, COP+24, DVC+22, DHE+24, HLMB24, HKHY25, LKP24, MSHP02, MSHP20, MOY+25, NY25, OSE+20, PD24, SLZY21, SCF20]. **Real-fluid** [NJSY22, NY25]. **real-space** [AUEO25, BW23, DVC+22, LKP24, SLZY21]. **Real-Time** [MVK+24,

WKJB23, COP+24, DVC+22, DHE+24, HLMB24, MOY+25, PD24, SCF20]. **realistic** [CMS22, KGN+21, Pod25, YCC22]. **realizable** [PLF20]. **realization** [WZH+25]. **Receiver** [CTPS22]. **reciprocity** [WXZH24]. **recognition** [GdLSB25]. **Reconfigured** [WCSW25]. **reconnection** [LHSW+25]. **Reconnoitering** [LSZ23]. **Reconstructing** [KL20, YYZ+22, TSV+25]. **Reconstruction** [DBV+24, OBK+20, AAB+21, AWV22, AWV24, ADdM20, ABF+23b, BYWW23, BIL25, BBTW25, BCSS24, FCdNA25, GOS+22, KGSL25, LNP+24, Mai25, PMS+20a, RCW+20, SWZ23, SS21b, TGGC23, TRN+24, TWW22, VLS22, WLZ+25, YLK21, ZGF+24, BBV+22]. **Record** [VAS+25, BIK+21]. **recording** [RMR+22]. **recreation** [CEC+24]. **rectangular** [MSH22]. **recurrences** [SRML20]. **recurrent** [CKD+25]. **Recursive** [BHSS25, EGKH24, XFH+22]. **Redistribution** [CP25b, RCS21, YGSW21]. **reduced** [BGR23, EMB+25, FGMW25, HCAH+24, LSC+25, PPR+21, TW25, TMR25, WYZ25, YYH21, ZSqXY21]. **reduced-order** [WYZ25]. **reduced-space** [YYH21]. **Reducing** [GJA21, LWS+23, HSSC25]. **reduction** [CHA21, GHT25, KLMU21, PLT+23, RUV20, SZ24b, VHBK21, ZFXW25, SC20]. **reductions** [GHL23, WBM+25b]. **redundant** [CZB+23]. **refined** [LW24]. **Refinement** [OSLC21, ACT25, ASC+24, DCSKM25, DAS+25, FZH+26, FAL20, FAL21, JES25, PG23, SZW25, WZDL26]. **reflection** [Arn20, CGV+22, Dan24, HMYH22, HSO+22]. **reflective** [KYH24]. **reformulated** [LSW+20]. **reformulations** [HWZ24]. **refractive** [BMR+24b]. **Regge** [AS22]. **regime** [BHK25, BMT23]. **regimes** [LSW+20, MMFdL21, YZ20b]. **region** [HJGL22, LJH+23, Yan21a]. **regions** [ADH+20, ABFP24, HJJ+22]. **Regression** [RBV+22, CWZ+24, LM22]. **regressors** [KHKL24]. **regularization** [SKS24]. **regularized** [KRE22]. **reinforced** [SRK+24]. **reinforcement** [KKY24]. **related** [KLM+22, MMP+24, WW21, WGGC22]. **relation** [BXW+25, LLY+22, LB24, MEC+24, VG25]. **relations** [WBM+24, WZ25, ZYY+26]. **relationship** [XJZ+26]. **relationships** [ÖAÖ24]. **Relativistic** [KKLZ23b, SLE+22, Bag22, BN20, BN23, BHK25, BAB+20, DTC20, DSSW22, DH20, GK21, GJEA25, KKLZ23a, Kul20, LMX+21, LMMP23, MGC+23, MHP23, Nie20, UZB22, YZL+23, YNMR24, YKY+22, ZZ24]. **relativity** [CFPS23, Tor20, ZLWBH25]. **Relaxation** [PGS+24, NNMJ22, Vuk25, ZYHH25]. **relaxed** [ZPZH20]. **release** [FGCN+21, NGCS+25]. **relevance** [HTM+25]. **relevant** [WHH25, YGSW21]. **reliability** [AM21b, LTT+24]. **reliable** [LBM+23, ZWC+20]. **remaining** [LLL+25a]. **ReMKiT1D** [MPH+24]. **removal** [GBH20, Hor24]. **ReneSANCe** [BDK+23, SY20]. **ReneSANCe-v1.0.0** [SY20]. **ReneSANCe-v1.3.0** [BDK+23]. **Renormalisation** [LS21b, DH22, IPSW24]. **renormalization** [CFBRE24, CFBRE25, CPL21, HZ25, JS24, YS22]. **reordering** [Ume22].

replica [RCS21, XLKX21, YLIO22]. **replica-permutation** [YLIO22]. **Representation** [BFL+22, FKS20, RBV+22, CLS+22a, Jab24, KCS22, SXYD24]. **representations** [ABFP24, GWPW21, Gon22, IMB+22, LCZ+21, MONW21]. **representativity** [ZMK+25]. **representing** [MM23, RBV+22]. **Reproducibility** [RDV+20]. **repulsion** [CXCZ23]. **resampling** [MBE+21]. **Research** [LLL+25a, AMA+20, DBE+24, Di 22, DP21]. **reservoir** [ZYLL24]. **residual** [HKHY25]. **resistive** [ZJM+21]. **ResNet** [Cel24]. **ResNet-50** [Cel24]. **resolution** [DAS+25, EGLK20, LU21, RVDT25, SLL22, WLK+25, ZLK25, ZRZ+21]. **Resolved** [WS20, CHY+24, LR22, MZL+24]. **resolving** [GSL24, GB22, RARA25, WVT+25]. **Resonance** [BMR+23, AS22, CNB+23, FYM+22, HRU22, HHT+24, LSSW25, WXX24]. **resonances** [CH25, GTMB21]. **resonators** [Hoh24, JYL+23, WAYL23]. **RESPACK** [KMY+23, NYN+21]. **response** [ACD+22, BM22, BND22, SLZY21]. **responses** [SLB+23]. **REST** [ACD+22]. **REST-for-Physics** [ACD+22]. **restricted** [LY25b, YM21]. **restructuring** [TDR+20]. **results** [HSLC24, KOT23]. **resummation** [ABB+22]. **retarded** [SLBN26]. **Rethinking** [SWZ23]. **reticulated** [SFKC22]. **retQSS** [SFKC22]. **reuse** [CCC20]. **reverse** [BRAC23, HT24]. **reversible** [KP23]. **revertible** [Nie23]. **Review** [KL25]. **revised** [SLL+24, ZZC20]. **revisited** [TÁFAB+24]. **Revisiting** [YZL+23]. **revolution** [NTO24]. **revolutions** [GdSPC22]. **REvolver** [HLM22]. **reweighting** [Kub24, SJP+21b]. **Reynolds** [MOMO25, MD21, MOMO24, SPC25, VPPQ+24, ZZ25]. **Reynolds-averaged** [MOMO25, MOMO24]. **RF** [BGW+22, SS22]. **RF-transpond** [BGW+22]. **RGB** [GOS+22]. **RGE** [DH22]. **RHDLPP** [MXH+24]. **RHEED** [DZZ21, Dan23, DDW25, HMYH22]. **rheologies** [BRS25]. **rheology** [ECS23, ScQYL25]. **rheometer** [SPTPR21, SPR25]. **RHMC** [Kub24]. **RI** [BMR+24b]. **RI-Calc** [BMR+24b]. **rich** [ABK+22, Du25, EES24]. **RichardsFoam** [Org22]. **RichardsFoam3** [Org22]. **Richardson** [Gag26]. **Riemann** [CK20b, LMMP23, XLFL25]. **Riemann-Theta** [CK20b]. **Rigid** [OAP+24, SXYD24, SGL+25]. **rigid-body** [SGL+25]. **Rigidity** [HS22]. **rigidPy** [HS22]. **rigorous** [LS25, MZL+21]. **Riley** [UCSR25]. **ring** [SPR25]. **RMC** [LHWX24]. **RMT** [BAB+20]. **Robust** [AACE+21, CSC25, NFB+26, SBP20, CHK25, HGT24, IUJ21, YKJ+24]. **ROC2.wl** [ABFP24]. **rocket** [FGMW25]. **rocking** [DZZ21]. **rocks** [XBL+20]. **Rode** [MMC+21]. **rogue** [WXY20]. **role** [SCAP24]. **root** [RCGS25, ACD+22, TPS+24]. **ROOT-based** [ACD+22, TPS+24]. **root-search** [RCGS25]. **roots** [BWW20]. **Rosenbluth** [KSJ+22]. **RoseNNa** [BB24a]. **rotating** [BJL+24, FGMW25, GTA21, MBA21, TPCT22]. **rotation** [CCW20, CWJ21, LZ21, YA25, ZYXC24]. **rotation-two-component** [ZYXC24]. **rotational**

[BGHC23, GTMB21, RARA25, WLX24, WGS+22, dVAR+24]. **rotational-vibrational** [GTMB21]. **rotor** [SW25]. **rough** [IGL+24, YYZ+22]. **routine** [MN21]. **routines** [HW22, KOT23, SSH+23]. **RPA** [RBM25]. **RPA-based** [RBM25]. **RPCs** [DBM+24]. **RS** [RBV+22]. **RS-HDMR-GPR** [RBV+22]. **RSA** [JP24]. **RTGW2020** [PWD22]. **RTM** [BKE+25]. **rules** [CS22b, DPR+20, DRR+24, Nog21b, ZHS+20]. **runaway** [DTC20, HEF21]. **Runge** [KBSL22, KFC+20]. **running** [HLM22, WLZ+24]. **Rutherford** [LGK+22]. **Rydberg** [MMV+24]. **RydIQule** [MMV+24]. **Rykov** [ZZZ+25].

S [CCK23, Pen24, VMRFC23, LW24, MZV23, YK21a]. **S-FDTD** [LW24]. **S-SAV** [YK21a]. **S3D** [MEH21]. **saddle** [CJZ25]. **SAFARI** [JS22]. **safety** [KJL+23]. **Salpeter** [ZAW+21]. **samples** [IGL+24, ZDLS21]. **Sampling** [CK20b, KvH21, RBV+22, AM21b, BF25, CBR+25, Gon22, ABF+25, HSMR+24, JP24, SJP+21b, TCcN23, XLKX21]. **SANCphot** [BKS24b]. **SANTA** [KJL+23]. **São** [CCG21]. **Sar** [ST23b]. **Saran** [BP25]. **Sarkas** [SSD+22]. **SAT** [MKHT20]. **satellite** [GG24]. **satellites** [SCMP+22, SCR+22b]. **SATLAS2** [GvdBdGN24]. **saturated** [HRG+22]. **saturated/unsaturated** [HRG+22]. **saturation** [UYS22]. **SAV** [GZW20, WYT23, YK21a]. **Savart** [SSH+23]. **saving** [ZWLX25]. **SBETHE** [SA23, SA25]. **scalability** [BGR23]. **Scalable** [CFB+25, LKJ+25, LYC20, PPKK21, DTC20, DC22, HAA+20, KKPC21, LJM+25, MB25, MAJ20, OCK+24, OLNG21, RLW+24, YCC22, ZYLL24]. **scalar** [ABH+23, BBH+23, CS22b, EAOSY25, FFTV23, HLS25, MCMS24, WYT23, YK21a, ZMK+25]. **scalar-tensor** [MCMS24]. **scale** [BCS25, BBF+25, BSC+21, BC22, BDR+20, CFB+25, CB23, CGSO20, CTZW23, EVFRHR23, FGMW25, FJ22, FWL+24a, GSL24, GB22, HBB+25, HXS20, HRG+22, HSA22, KCJX24, KKPC23, KFHR24, LBRW22, LKP21, LZK+23, LG23, LU21, MDR+20, OSK+21, PLT+23, PYH+25, RVDT25, RL21, SPC25, SRT+25, SBZ23, TPCT22, VAS+25, VTB+21, WA21, WGWG25, WVT+25, YCC22, YJLW21, YRNUV25, YGSW21, ZMC23]. **scale-resolving** [GSL24, GB22, WVT+25]. **scale-separated** [TPCT22]. **scaled** [BR20a, LLR25, YJ24]. **ScaleLat** [LLL+24a]. **scales** [MTW+24, TAB+22]. **Scaling** [BHK25, Mai25, BR20a, CXCZ23, RDZ+20, SLZY21, SZL+25, Zeb22]. **scan** [SZ24a]. **scanner** [HR25]. **scanning** [AUO+22, OYG+24, ZW20]. **scans** [GJ24]. **scatterer** [WZZS21]. **Scattering** [AB21, LLR25, AZH+24, APST25, ADW+23, ASK+25, BFCR24, BDA+20, BTW20, BKG+23, GTMB21, GJJN23, Hal21, HYL+22, HSLC24, HJK+24, HBM+24, Jab22b, Jab24, JS22, KC21, KRLS+25, KRL+24, MBJB24, MAT+25, MASFP25, PBK21, RCB21, Roh22, SJP21a, SMB20, SCAP24, YYZ+22, ZTH+25]. **SCCS** [CL25a]. **SCELib4.0** [SMO+20a]. **SCELT** [MG22]. **scheme** [ADdM20, BPMS25, CZY20, FN21, Gai20, GDS+21, GMZ+20, KHKK25, Kul20, KBSH20, LF24, LSW+20, LHC20, LHG24, LJM+25, LAC+25,

LLH+21b, MM23, MA24, MRTL25, MPS25, MRN20, PLF20, PGYF21, Sij23, Tan23, Tan24, THH21, WJB21, WDMZ24, WZD+25, WCP25, WLX24, XZLX20, Yan21b, YZ20b, ZCWY20, ZWP+22, ZGSW24, ZPL+24, ZWLX25, ZCL+25, ZZZ+25, KWZ24]. **scheme-based** [MPS25]. **schemes** [CC25, CWJ21, EM25, Esc25, GZW20, KBSL22, LM21a, LW24, SP20, SZW25, SBZ23, ZX23]. **Schrieffer** [PTD20]. **Schrödinger** [BV21, BCGT24, BAB+20, Car25, DSSW22, GTA21, GSLS20, GGCW24, Koz23, LY24b, MD25, Pöt20, RS20, SGS23, SP20, SLZ+24, Scr22a, SCL22, WXY20, WBM+25a, ZS24]. **Schrödinger-like** [Scr22a]. **Schrödinger-type** [MD25, Pöt20]. **Schur** [ZYLL24]. **Schur-complement** [ZYLL24]. **science** [DBBP23, HJM+20, LN25, XLG+23]. **sciences** [BMREC21]. **scientific** [Gav25, PMA+21, PP21, WICA22]. **scintillating** [AAB+21]. **scintillator** [KTKK25]. **Scott** [Haz23, JLW24]. **Scrape** [ODD+26, EM25, FUTJ25, MPH+24, MAMK21]. **Scrape-off** [ODD+26, FUTJ25, MPH+24, MAMK21]. **Screener** [LCB25]. **scripting** [MMCG26]. **scripts** [HBM+24]. **SCTBEM** [YJ24]. **SDE** [MNS+24]. **sdfibm** [Zha20]. **SDGMPS** [ZTH+25]. **sDMD** [ZJS+20]. **Seamless** [ANU21]. **search** [BFD22, CJZ25, GUAD22, HZ24, LHG+25, LS23, RCGS25, STC25, VZ20, YK21b, ZHS+20, ZLP25]. **searches** [WBK+24]. **searching** [Gai20, LKK23, LCB25, PP23, PP24, XSM22]. **Second** [KSF+22, AIZ23, BDF+25, DEdM24, EAOSY25, KBB21, KPJ24, KD23, LM21a, PLF20, SKEZ24a, WJB21, Yan21b, ZCWY20, ZZZ+20]. **second-degree** [WJB21]. **second-harmonic** [SKEZ24a]. **Second-order** [KSF+22, BDF+25, EAOSY25, KBB21, KPJ24, KD23, LM21a, PLF20, Yan21b, ZZZ+20]. **secondary** [HLZH25, KOT23, NG21]. **section** [CBCZ+25, Jab24, PYT+24, SY20, ST23b, WLL22]. **sections** [AS22, AYB24, BFMA+24, Hor24, Koł25, SLLA22, ZGK+24]. **sector** [BHH+20, BP21]. **sectors** [BBM+25, KKM+20, BMM21]. **Secure** [KPSL26]. **seeding** [AAB+21]. **seeker** [NA20]. **SEFFO** [LCB25]. **segmented** [KTF22]. **segmentor** [VPZH24]. **seismic** [CLH+25, RHJ+25, RRC+24, Yan24b]. **SeismicNet** [RRC+24]. **selection** [GSBN22, WSRO24, ZLV23]. **selective** [UJ21]. **Self** [HTK24, Kut20, LDGN24, LM20, PCB+25, SE25, vRCM21, BN20, BN23, DG25a, DGHA25, FH22, IYP+25, KSM+25, WLF+24, WGS+22, YLP+24, ZGSW24]. **self-avoiding** [WGS+22]. **Self-Consistent** [vRCM21, HTK24, Kut20, SE25, BN20, BN23, DG25a, FH22, IYP+25, KSM+25, ZGSW24]. **self-energy** [DGHA25]. **Self-force** [LM20]. **Self-improving** [PCB+25]. **self-interstitial** [WLF+24]. **Self-optimization** [LDGN24]. **self-organized** [YLP+24]. **Semi** [Che25, Ein20, Mau20, QLX25, ACT25, BTK24, BAB+20, BKG+23, CB25, EM25, GTB24, HPAW21, KBB21, KVSC21, LLL25b, MMCC+22, PLT+23, RRC+24, SN23, SRE+24, TKS22, MZV23]. **Semi-Analytic** [QLX25, PLT+23]. **Semi-analytical** [Mau20, CB25, MZV23]. **Semi-automatic** [Che25]. **semi-bounded** [HPAW21]. **semi-empirical** [KVSC21, MMCC+22]. **semi-implicit**

[ACT25, BTK24, GTB24, KBB21, SN23, TKS22]. **semi-inclusive** [BKG+23]. **semi-infinite** [LLL25b, RRC+24]. **Semi-Lagrangian** [Ein20, EM25, SRE+24]. **semi-relativistic** [BAB+20]. **semiclassical** [GLB+21]. **semiconductor** [BMI23, SDV+25]. **semiconductor-liquid** [BMI23]. **semiconductors** [AM21a, DIAA21, HM24a, HM24b]. **semiflexible** [WGS+22]. **semimetals** [SLBR22]. **semitransparent** [FXQS21]. **Semtex** [BRS25]. **sensitivity** [FA21, GdPSH25, HSO+22, PCS+23, SMC+22, Usu25]. **sensors** [KTC25, MMV+24]. **separated** [TPCT22]. **separations** [GDK21]. **September** [Ano20y, Ano21x, Ano22x, Ano23x, Ano24x, Ano25x]. **Seq** [WYZZ23]. **Seq-SVF** [WYZZ23]. **sequential** [Par21, Yan23]. **serial** [KFHR24]. **Series** [Jab24, ABFP24, ABD+23, CY24, EBBB22, Hid21]. **Serpent** [Kal20]. **server** [BMR+23, BMR+24b]. **SESCA** [NG21]. **set** [CNB+23, CS22b, DG25b, ESS+25, FA20b, FN23, HWAA22, JZW+22, SW25, XHY+24, YYH21, YJLW21, YZZ+23]. **set-DEM** [DG25b]. **sets** [JV25]. **SFQEDtoolkit** [MT23]. **Shafranov** [AIZ23, ELSV24, HSB+24, LZ21, SVSC20]. **Shakhov** [ZCL+25]. **shallow** [CEKR24, DS22, HLS25, STA20]. **Sham** [JZW+22, LG23, LWR25, YT23]. **SHAPE** [ANU21, MZL+24, PCL24, WYHW24, ZTV+24, ANU21]. **shaped** [LNB23, MHK24a]. **shared** [EVMP20, MLT+21, ZWZ+22]. **shared-memory** [EVMP20, MLT+21]. **sharp** [HWAA22, RPGG25]. **sharp-interface** [HWAA22]. **Shaw** [Yan21b]. **shear** [MES+24, SPTPR21, SPR25]. **Sheared** [FMHH24]. **sheaths** [KM23]. **Shell** [MAJ20, Par25]. **ShengBTE** [HYL+22, MPN+21]. **shield** [COJ+22]. **shielding** [CZX+21]. **shields** [LJC+25]. **shift** [GRCT20, PBK21, WSRO24, KP25]. **shifted** [HKHY25, HKY+21]. **shifts** [FGC+26, SOH+23]. **shock** [LF24, MDZ24]. **shock-capturing** [LF24]. **shooting** [JM24]. **short** [CML+24, GSBN22, VXT+23]. **short-range** [GSBN22, VXT+23]. **shortcut** [ZHS+20]. **Shortest** [KDHL23]. **SHORYUKEN** [CSW24]. **shot** [TCcN23]. **shot-noise** [TCcN23]. **Shower** [LAC21, ANV+25, BP21, Roh22]. **Showers** [ABF+23b]. **SIDES** [BDA+20]. **SIDIS** [BKG+23]. **SIDIS-RC** [BKG+23]. **SIESTA** [Soz21]. **signal** [ADH+20, ABF+23b, Cel24, MD22]. **signaling** [MV25]. **signals** [ET24, JKST22, Usu25]. **signed** [TGBM22, Zha20]. **significance** [CTPS22]. **significant** [ZHZ+23]. **silicon** [CSW+25]. **silver** [LHG+25, SKS24]. **Sim** [BMP+24, BMR+24a, HMYH22]. **sim-trhepd-rheed** [HMYH22]. **SIMD** [KMRB24]. **Simflowny** [PMA+21]. **similarity** [BBV23, MRT+22]. **Simple** [CF21, GJ24, LXY+21, WXY20, ZD25, AES21, GFH23, LBM+23, MWJL23, MBC+24, PC21, Sat21, WT22, Xie23, ZZZ+20, ASW20]. **SimpleBounce** [Sat21]. **simplex** [DBV+24, PP23]. **simplification** [ANU21, Gal22, SZ24b]. **Simplified** [ST25, CLEPF23, ZCL+25, ZZZ+25]. **Simplifier** [LS21b]. **simplifying** [XWYQ21]. **simulate** [BFI+21, DBM+24, GSBN22, LGK+22, MD20b, SHS22, ZWZ+22]. **simulated** [AAA+25, MMFdL21, TRN+24]. **SIMULATeQCD** [MBC+24]. **Simulating** [BLG24, DKM+25, DG20, Gar21, PMSHG23, LLG+24,

BMR+24a, BFT20, BM22, BKE+25, MHÅ21, MR22, MAT+25, MP21, PD23, Sch21, SXC+25, SCL22, SX25, SJY18, SJY20, TLC+21, TMH+23, WS25, XFH+22, ZGZ+25, ZYML24, ZCS+24]. **Simulation** [CMJC21, CJ21, EMM+23, KHR+23, RMM21, RdSH+24, WXW+21, ABGD+20, ANS25, ARLDG24, ASPDL+21, ASPDL+25, AFB+24b, ABB+24b, ASC+21, Bak23, BOSM24, BBLB+25, BCF+24, BMP+24, BFE+25, BMSP21, BB24b, BKO20, BMT+20, BLM+22, BKS24b, BCD+21, BYL+21, BKBL22, CNB+23, CCM20, CE22, CP25a, CLZ+21, CSBF23, DML23, DVB+25b, DVB+25a, DBR24, Ein20, EOR21, dSFFM25, FTZ+23, FGCN+21, FN23, FYM+22, GP25, GLW+23, GRP+25, GWA+23, GBD+22, GJEA25, GB20, GP22, HT20, HMSV23, HSA22, HFLT26, JS22, JĎD+21, KTF22, Kan23, KTKK25, KF23, Ken25, KMBP24, KGT22, Kul20, KNJ+23, LBS+23, LFP25, LMBH+24, LKP21, LLT+23, LLC+23, LZK+23, LY24a, LZZ+25, LF24, LLL24b, LJQ+22, LSL+25, LY25c, LWC+21, MTW+24, MES+24, MRTL25, MHK24a, ST25, MW21, MZL+24, MHK24b, MAMK21, MRG22, MDZ24, NS20, NSY+23, Nie20, Nie22a]. **simulation** [NGCS+25, NRG22, OBC+24, OHMK25, ODU24, OV23, PMA+21, PK24, PFG22, QCZ23, RLW+24, RSD20, RDH+20, RMCC22, RCB21, RS20, SRT+20, SD24, SRC21, SFKC22, SNP+20, SJ20, SKYQ21, ScQYL25, SS22, SLIC24, SPF21, STRF+20, SFG+25, SWTC23, SW25, TW25, Tan24, TL20, TAB+22, TCcN23, eSdSBST21, VCHH23, WICA22, WLF+24, WWZ+25, WAK22, WLF+23, XBL+20, XZYS25, XCC+25, XHY+24, YCC22, YYC+23, YSX+20, YC20, YR21, YA25, ZMC23, ZK20, ZHI23, ZBS+23, ZYLL24, ZZ21a, ZYX21, ZYX22, ZJS+20, ZX25, ZGW20, ZNW25, dSOZ22, SGM+20, ZL25]. **simulations** [AHP21, ANV+25, AALK20, BDC+25, BL21, BTK24, BBTW25, BBF+25, BCTS22, BR20b, BFD25, BC22, BFG24, BGR23, CLY22, CFB+25, CB23, CGSO20, CTZW23, CZTF23, CHY+24, CC25, CCW+25, CL25b, CF21, Cos22, CJD+20, CNS22, Dan23, DDW25, DTGE21, DL24, DIO25, DWD+24, DAA+24, DKM+24, DG25b, EM25, FN21, FLS25, FDPT23, FRN+23, FFTV23, FH22, FFLR20, FUTJ25, GAJK23, GSL24, Gon22, GB22, GAS+23, GMZ+20, Hal21, Ham20b, HTL+22, HyLF23, HEF21, HSSC25, IGL+24, JES25, JGSE25, JGJ20, JSW25, KPR+24, KWZ24, KCJX24, KPSL26, KBSL22, KSJ+22, KP23, KGN+21, KPL+21, KMG+20, KYH24, LBRW22, LBM+23, LAD+21, LS24, LZP+24, LM20, LCCC25, LAC+25, LSS+25, MMM23, MKPW21, MKPW22, MLZ+23, MDB+25, MPS+24, MBH21, MEH21, MVF20, MOY+25, MBE+21, NMA+25, NJSY22, Nor23, OCK+24, OGL+21, OYG+24]. **simulations** [OCC23, OBGA24, OSK+21, OB25, PCB+25, DYLV25, PYH+25, PCS+20, RSC+22, RCB+20, RSHS24, RSS25, REZS25, RdPS24, RL21, SPG25, SLL22, SJ21, SDXY23, SSN25, Sij23, SBZ23, SWB+23, STS+25, TKC+21, TSJ+21, TPK+21, TDD+25, TGO25, TNL+22, Ume22, VPPQ21, VPPQ+24, VXT+23, VLHC25, VV21, VGGP+21, VSM+22, VvBTH20, WWM+22, WDMZ24, WZD+25, Wan25a, WAC25, WA21, WOP+20, WGWG25, WMA+22, WS20, WWJ+22, WVT+25, Wor20, WRM+24, WS23, XCM25,

YFL22, YW25, YJLW21, YRNUV25, YTC+20, YWX+23, ZK25, ZDSS23, ZGF+24, ZLL+24, ZSqXY21]. **Simulator** [AACE+21, BSG+21, FCTFR20, GB24, HMYH22, HLMB24, MDL+25, MFS+22, SKEZ24b, SGY24, SGY25, XFGS24, ZTV+24, ZL20, KRLS+25]. **simultaneous** [KF23]. **simultaneously** [TQGE23]. **Single** [DFG+23, PAZ+22, ABB+26, BW23, CFLR24, CL20, LG21a, PNL+24, RCH24, SCAP24, SSPF24, SPM+25, SHRK22, SW23, TWR21, SMO+20a]. **single-event-upset** [SCAP24]. **single-file** [LG21a]. **single-grid** [BW23]. **single-instruction** [PNL+24]. **single-ion** [TWR21]. **single-molecule** [PNL+24]. **single-nucleon** [SW23]. **single-phase** [CFLR24]. **Single-step** [PAZ+22]. **Singular** [CSW+25, Gal22, KFHR24, LP24, WT22, BBH+24]. **Singular/GPI** [BBH+24]. **Singular/GPI-Space** [BBH+24]. **singularities** [BRA+25]. **sinusoidal** [KD25]. **SIREN** [SKW25]. **SIRF** [OBK+20]. **site** [CXCZ23, ZLV23]. **sites** [HHMH+22, LCB25]. **six** [ÖAÖ25, SRE+24]. **size** [HFP21, KAG24, PLSB22, WBM+24, YWK+24]. **size-dependent** [YWK+24]. **size-velocity** [HFP21]. **sized** [Che23]. **skew** [LF24]. **skew-symmetric-splitting** [LF24]. **SKiES** [GFML25]. **SKMF** [GTE21]. **Sky3D** [ASS+24]. **SkyAx** [RSM21]. **Skyrme** [CLS+22a, MSN+22]. **skyrmion** [IUJ21]. **slab** [RCGS25]. **slabs** [MCP23, ZMN+24]. **SLC** [AJW+21]. **slender** [LBS+23]. **SLEPc** [DNG+20]. **Sliding** [GdPSH25]. **SLIMP** [RZY+24]. **slip** [SN23]. **SLJCompact** [BMI23]. **slope** [NLS24]. **slope-dependent** [NLS24]. **Slow** [XQ21, LJQ+22]. **SM** [Yan25]. **small** [LLC+23, ST23b, WBM+24, ZLMH23]. **small-size** [WBM+24]. **SMATool** [Eku24]. **SmeftFR** [DPR+20, DRR+24]. **Smilei** [BBMS25]. **Smirnov** [Efr21b]. **SMIwiz** [JY25, Yan24b]. **SMIwiz-2.0** [JY25]. **SModelS** [AKW21, ADH+20]. **Smooth** [BL25a]. **Smoothed** [AMA+20, JCM20, AYWKL24, FRN21, KP23, LMQ+23, LYZL24, ODR+22, RZH22, ZRZ+21, ZHZG23, RVDT25]. **smoother** [AGJ+23]. **smoothing** [SL22]. **SOD2D** [GSL24]. **Soft** [SPMS23, TNL+22, VRI24, MOA24, PIFPA+25]. **SOFTSUSY** [AAT+20, AAT+14]. **Software** [BWW20, CTPS22, GBR23, KvdW20, MHÅ21, Nis22, Sha21, AMP+21, AAG+24, AAD+24, ACKB23, ABB+26, ASC+21, BMR+23, BMR+24b, BMT+20, CNB+23, COW24, CSW24, CKP+25, CW22, DvHSdS22, DIKSN24, DKRSR22, EGKH24, FLK+20, GAJK23, GO23, GPM+21, GM26, GSM25, HAM+20a, HGS20, KWK+21, KSG22, KDIN+23, LEE+24, MMP+24, MGG+20, MZL+21, MZD+20, MOMO24, MOMO25, MYM+22, NKP20, PAM24, PRR23, PIFPA+25, RDH+20, RCH24, RHW+21, SPR25, SOW25, SHB+20, SHS22, SZL+25, SXC+25, SJY18, SJY20, TL20, TO21, VB22a, WLLS25, WV22, WS23, YKSH20, YR21, YMCF23, ZPL+21, ZCS+24, ZLV23, vdHKB+23, vTDGCR21]. **SOL** [MAMK21, YHH+20]. **SOL/divertor** [YHH+20]. **solar** [BMP+24, LTL+25, MFS+22]. **solar-cell** [MFS+22]. **solar-to-hydrogen** [LTL+25]. **Solid** [PTD20, AMP+21, LS24, MZL+24, ONH+20, PB23, RSD20, SRT+20, SSN25,

UO20, WXZH24, XZLX20]. **solid-fluid** [WXZH24]. **solid-liquid** [RSD20, SRT+20]. **solid-state** [SSN25]. **solidification** [SYFT23, ZDG+21]. **solids** [BR20b, BFI+21, DSQ23, ESS+25, FXQS21, GBR23, IYP+25, KRL+24, MCKN25, Och23a, Och23b, RDV+20, WGGC22]. **Soliton** [HWZ24, MD25]. **solitons** [GMZ+20, ZYXC24]. **solute** [HRG+22, TSB26]. **Solution** [AIZ23, DvHSdS22, AE23, BHK25, BBA+20, CKT21, CLEPF23, CLEP24, Flo24, GSLS20, GQ22, LS25, LF20, LSS24, MSN+22, MPN+21, MNS+24, OKBM23, PPR+21, QWZ+21, SLTB25, YNMR24, CLEPF22]. **solutions** [AMP+21, Bak23, BS25b, GF23, KD25, LWhK+20, LS24, LHTP+24, MD25, NI22, RPGG25, SSB+23, SCL22, VFS23, YZ20b]. **solvation** [DCZ23]. **solve** [BKRG22, CLEPF23, DH22, HAM+20a, HZ25, WGG20]. **solvent** [CL25a]. **solvent-aware** [CL25a]. **Solver** [ASW20, GKIB21, LLR25, MYMK+21, TCSA21, AFB+24a, ALBL25, ADF+22, BXW+25, BMSP21, BMS+23, BMI23, BBA23, BRS25, BHC+25, BSC+21, CLS+22a, CEKR24, Cos22, CKS25, DTC20, DAC+23, DS22, DFP+20, DBV+24, DP21, DdCAG23, DSY25, EGLK20, FXQS21, FZH+26, FLS25, FTZ+23, FRN+23, FMBD22, FA21, GTA21, GKS+25, GSL+23, GDJG23, GWA+23, GLPG+23, GHL+22, GWZ+25, HPAW21, HXS20, HWAA22, IKM+23, JMOC21, JKSY22, JSKY25, Kar22, KR23, KKPC23, KGN+21, KFPV21, KG21, KD23, LMRN25, LMHL20, LMX+21, LIG+24, LF25, LOYS25, MMP20, MEC+24, MEDT+23, MSY+21, MA25, MKHT20, MOY+22, MBA21, MZV23, NY25, OEI+22, OXOG23, OCE+23, DYLV25, PTH24, PD23, RVM+21, Di 22, RARA25, RJ21, RSS25, RCW+20, RAJ+24, STA20, SSC+25, SPC25, SGS23, SSPF24, SLC+22, SH26, SBB+24, SWTC23, UYS22, VLS22, VTW+25]. **solver** [VV21, WWB22, WHB21, WWZ+23, WAC25, WF25, WKR23, WBM+25a, WHSG24, XCC+25, XOTI22, XLG+23, Yan21a, YFL22, YCCW23, YP24, YKK23b, ZLMH23, ZLWBH25, ZWC22, ŻTR+22, GMPG+21, KOF21, WHSK24, DFU20]. **Solvers** [JRS+21, BW23, CB23, EVMP20, EPM23, FA20a, FA20b, KKPC21, LMMP23, MD25, OIA+20, XLFL25, YSI+24, zYCD+20, YKY+22, ZLWBH25]. **Solving** [BAB+20, KKB+25, LZ21, WHY+25, YYH+25, ZAW+21, ZGW20, ASU+21, ABBD23, ATC+23, BJL+24, BKP22, BDR+20, Car25, DAS+25, FC25, GFML25, HWL+23, Her25, JZW+22, KRG21, KSF+22, LGX+25, LQ21, Man24, MM22, OAB+25, Pen24, Scr22a, SXY25, TS23, XDF20, XSL+22, YZW21, YKK+23a, YWSE25, YSMBA23, YJ24, ZLY24, ZJC+25, ZS24]. **SOM** [KM22]. **SOMAFOAM** [VV21]. **Sommerfeld** [Arn20]. **Sommerfeld-type** [Arn20]. **sonic** [EOR21]. **sonic-boom** [EOR21]. **SootImage** [CEC+24]. **sooting** [CEC+24]. **source** [AFB+24a, ANS25, ASU+21, ABB+26, ADF+22, ASC+21, BWY25, BC20, BM22, BLN+21, BMT+20, BFI+21, BSC+21, CAWK22, CZS+21, CPG+25, COW24, CSW24, CW22, CKGW22, DIK+23, DFU20, DAA+24, EMB+25, FZH+26, FTZ+23, FH22, FGC+26, FYM+22, GKS+25, GDK21, GDJG23, GKT+24, GFD+24, HMYH22, HSB+24, HBB+25, HXS20, HWL+23,

HLMB24, HRG+22, HKY+21, Hua23, HHT+24, KGN+21, KGT22, Koz23, KD23, LEE+24, LMBH+24, LMHL20, LH22, MLZ+23, MBTB21, MMP+24, MFB23, MONW21, MVF20, MVAXP22, MRN20, NBC+24, Nor23, Oti25, PMS+20a, DARJ23, PM21, PWC24, PW25, RZWW23, RHW+21, RJ21, SOW25, SPLD20, SKW25, SHB+20, SXC+25, SHW+21, SWTC23, THH21, TPK+21, UAWW25, WNS+21, WSK+22, XBL+20, XOTI22, YGZG25, YP24, YKSH20, YMCF23, YKK23b, ZRZ+21, ZJS+20, ZCS+24, ZMK+25]. **sources** [COJ+22, WNV+25]. **Space** [MYMK+21, AUEO25, BNL25, BW23, CLS+22a, DBM+24, DVC+22, Elk25, GJ24, GMZ+20, HR25, HHT22, JLL+24, KKLZ23a, KKLZ23b, Koł23, Koł25, LS25, LKP24, LY25b, LCZ+21, LZYY23, LR22, MS24, MMP20, MSHP02, MSHP20, NBB+21, SLZY21, SZ24a, TCSA21, XHY+24, YYH21, ZW20, ZWP+22, ZZZ26, YKY+22, BBH+24]. **space-** [LR22]. **space-charge** [DBM+24, KKLZ23a, KKLZ23b]. **space-fractional** [JLL+24]. **SpaceGroupIrep** [LCZ+21]. **spaces** [HPRS23, Her25, LH24, SKM+21, Zeb22]. **sparse** [DGM20, DFG+23, KKL21, KTC25, NDFL24, RSR+25]. **SPARTACUS** [FTZ+23]. **Spatial** [HJGL22, BC21, FCdNA25, MM23, Wan25a, XPF+24]. **spatial-grid** [BC21]. **spatially** [CHY+24, KFHR24]. **Spatio** [FCL+25, MZM+25]. **Spatio-temporal** [FCL+25, MZM+25]. **spatiotemporal** [GPN20, PSMRS+23, RSR+25, ZJC+25]. **SPEC** [MPQ+22]. **Special** [GH21, GM24, LVMGF+23]. **specialised** [ALBL25]. **species** [BXW+25, CJD+20, KDK23, SNP+20, WV22, YKYK23]. **specific** [LSS+25, RCH24, SDBS24, ZDG+21]. **specimen** [SMKL25]. **spectra** [CML+24, GBD+22, Hua24, HHT+24, KSG22, LGK+22, MGG+20, Pos22, RHJ+25, RZY+24, RMFB23, TB20, WNV+25]. **Spectral** [BPMS25, CdBMdAS+21, CZS+21, CSC25, CCW20, FRN21, GTA21, HYLC25, LBRW22, LZ21, LS22, MPS+24, MCB+20, NI22, RSS25, RYS+24, SL22, SLZG20, SLL22, SWZ23, TW25, WLL22, WKR23, XCM25, YRNUV25, ZYXC24, ZLS+22, GSL24]. **spectral-element** [MPS+24]. **spectral-Galerkin** [GMZ+20]. **spectral/** [XCM25]. **spectral/hp** [MCB+20]. **Spectrally** [FUTJ25]. **spectrometer** [DVB+25b, DVB+25a, SPF21]. **spectrometers** [GSC+26]. **spectroscopic** [CK23]. **spectroscopy** [Jab22a, KMBP24, MN25, ZJM+25]. **spectrum** [HLZH25, KMU+23, NS20, SKS24, CPG+25]. **SpectrumSDT** [GTMB21]. **specular** [Dan24]. **speed** [BL21, CKGW22, DB24, DBV+24, KMN21, LHG24, OCC23]. **Speeding** [ABD+25, PD24]. **Speedup** [BR20a]. **spent** [KJL+23]. **SPH** [CFLR24, HMR22, MEDT+23, MDZ24, OSK+21, WHH25, WZH+25, ZYHH25]. **SPH-based** [MEDT+23]. **SPHERA** [AMA+20]. **sphere** [JP24, SGL+25, YYH21]. **spheres** [KAG24, RCGS25]. **Spherical** [IYC+24, BWY25, CCK23, DHK+21, GDB10, GCK21, LEE+21a, LQGL21, PCL24, QCZ23, SDBS24, TKC+21, ZZ21a, dMMLOS20]. **spheroidal** [SSB+23]. **spheropolyhedral** [QCZ23]. **spheropolyhedral-based** [QCZ23].

SPHinXsys [ZRZ+21]. **Spin** [RVM+21, BKRG22, BPMMP24, BRHT21, BCSS24, CFBRE25, CZTF23, CL22b, FSMM24, GF23, GOCSS+23, GBD+22, IUJ21, JRG21, KRG21, KL22, KL23a, LL23, LR22, MDL+25, MBA21, QJ21, SZ23, TMH+23, UYS22, VCHH23, XJZ+26, Yev21, ZTH+25, VMRFC23]. **spin-** [BKRG22]. **Spin-1** [RVM+21, KRG21, MBA21]. **spin-boson** [SZ23]. **spin-dependent** [ZTH+25]. **spin-glass** [JRG21]. **spin-half** [TMH+23]. **spin-one** [TMH+23]. **spin-orbit** [BKRG22, BRHT21, CFBRE25, GOCSS+23, KRG21, XJZ+26]. **spin-orbit-** [MBA21, RVM+21]. **spin-resolved** [LR22]. **spin-wave** [GBD+22]. **Spinney** [AM21a]. **spinning** [OS24]. **spinor** [SCL22]. **Spinsim** [TMH+23]. **SPIRAL** [dVAR+24]. **SPIRED** [BCSS24]. **spline** [WGG20]. **Splines** [KWK+21]. **split** [Car25, NABM25, SAC+21, YYY22, ZYXC24]. **split-step** [Car25]. **splitting** [BCGT24, DWD+24, LF24, Yan24a, YC20]. **SporTran** [EBBB22]. **SPP2** [CCG21]. **square** [BRAC23, BWW20, Gag25, Gag26, GST21]. **squared** [PAM24]. **SQuIDS** [ASW20]. **SQUIRREL** [SOW25]. **SRC** [COJ+22]. **SRC-UNED** [COJ+22]. **SSLG4** [KTKK25]. **stability** [FFLR20, PCS+23, SKDH24, SJCD25, SFC20, TQGE23, WHSK24]. **stabilization** [LSSW25]. **Stabilized** [AGH21, YK21a]. **stabilized-scalar** [YK21a]. **stable** [BVV22, GZW20, HSA22, KSF+22, KHKK25, LWhK+20, LM21a, MDHH25, PRR23, SX25, TM24, WLCY25, YWTK23, Yan24a, ZCWY20, ZZ24]. **stacking** [ZGSW24, ZYH25]. **staggered** [ZLS+22]. **Stan** [Haz23]. **standalone** [AAB+21, RL21]. **Standard** [Bie21, AFJ+23, CL25b, KHKL24, Kar23b, KKSV24, DPR+20, DRR+24, DDM20, HQRR20, UMA21]. **standardized** [BMREC21, ZIM+25]. **stars** [VGGP+21]. **state** [AS22, ABWZ23, CR20, ENK24, GO23, HMW25, JV25, KMM21, KM20, KMS20b, KW23, KTC25, LWS+23, LJM+25, PTD20, RdMS25, SSN25, SLW+25, SKM+21, ŚGBK26, Xav22, YZ20b, ZDW+24]. **state-of-the-art** [KM20, KMS20b, SKM+21]. **state-to-state** [AS22, RdMS25]. **states** [BFD22, BTG22, CF21, DDM20, GTA21, GF21, GWPW21, GTMB21, LKK23, LU21, LR22, MDP22, PTD20, QJ21, SLZG20, TCSD24, WCSW25, WZC+24, XFGS24, YLL+22, ZXXP25, ZLP25]. **static** [BR20b, DBH+22, JRS+21, LAD+21]. **stationarity** [ZMK+25]. **Stationary** [GTA21, MDZ24, VZ20]. **statistical** [BKS22, BCK+26, FTRZ25, Gon22, MZL+21, MNS+24, Ols23]. **steady** [HJGL22, LJH+23, LJM+25, YYY22, YZ20b]. **steady-state** [LJM+25]. **stellarator** [HK24, KBH+24, WZD+25]. **stellarators** [SFP+26]. **step** [AYB24, Car25, HPY21, JG24, LAC+25, MWJL23, PAZ+22, SL22, ACKB23]. **stepping** [CJZ21, NBCMH20, WJB21, ZX23]. **steric** [DCZ23]. **SternheimerGW** [SLZG20]. **Stiefel** [LWR25]. **stiffness** [XSL+22]. **STLCutters.jl** [MB25]. **STM** [RCH24]. **Stochastic** [CRZ25, CCW+25, CCW24, CHY+24, FJ22, FTZ+23, KM22, LAC+25, MW21, MA25, RdPS24, WLF+23]. **stochasticity** [GTE21]. **Stokes** [MOMO25, WHSK24, ZX23, AWV24, BMS+23, DAC+23, HPY21, HWL+23,

JM24, KD25, KSF+22, LGDF20, LB24, MOMO24, PLL24, SSC+25, SvdW24, WT22]. **Stopping** [SA23, SA25, HHMH+22]. **storage** [Gav25]. **STORM** [ODD+26]. **strain** [Che23, LLZ+22, XZLX20]. **strain-stress** [LLZ+22]. **Strategies** [MBE+21, AWV22, CZX+21, KMM21, VXT+23]. **strategy** [LZZ+25, SRS+25, TCSA21, WLZ+24, ZWZ+22]. **stratified** [Hoh24]. **STREAM** [CKC+21, CL21]. **streamer** [FASM24, MHÅ21, TMR25]. **Streamlining** [KSL+25]. **STREAmS** [BMSP21, BMS+23, SSC+25]. **STREAmS-2.0** [BMS+23]. **STREAmS-2.1** [SSC+25]. **Strength** [Eku24]. **stress** [CT23, EGKH24, LLZ+22, PYH+25, ZRH21]. **stress-aware** [PYH+25]. **stress-fluctuation** [CT23]. **stretched** [RVRT22]. **string** [ENPMRSV25, KL22]. **StringSpinner** [KL22, KL23a]. **Strong** [HMSV23, AG21, BHK25, BGR23, GHL+22, MT23, RZY+24, ZLMH23, ZNW25]. **strong-field** [BHK25, MT23, ZNW25]. **strongly** [BDR+20, CHK25, GBS+20, NJT24, NJT25, PAG+25]. **Structural** [LHG+25, BDP+21, NNMJ22, NDM+25]. **Structure** [BLN+21, GL25, APST25, ALBL25, BPMS25, BGHC23, BGR23, CFB+25, ČPF+24, CKP+25, CWJ21, DSQ23, FASD20, FPSZ21, FSC+25, GK21, GO23, HTS+21, HY23, HTH+20, HSO+22, HLzY+20, JV25, JMOC21, JPJ+23, KSM+25, LBS+23, LS23, LLT+23, LLL+24a, LY25a, MKPW21, MKPW22, MFB23, MSM24, NG21, NVCS23, OHMK25, PAL+20, PPKK21, SZNW23, SDV+25, TCY23, TDD+25, TRB+20a, VPZH24, VSM+22, WZZS21, WBK+24, WXZH24, XQ21, YLLW24, YSX+20, YHY+21, zYCD+20, ZZ21b, ZZC20, ZHM21]. **Structure-preserving** [GL25, CWJ21, LY25a, XQ21]. **Structured** [LSNRD20, HSSC25, LJS21, MBCC23, PMSHG23, WWZ+25]. **structures** [AS22, ASPDL+21, ASPDL+25, DNG+20, GMX+25, HBB+25, HLCD20, IMB+22, LBS+23, LXY+21, LLQ+23, LF25, MYM+22, MRG22, RL21, SLZG20, SJ20, SLTB25, TDR+20, YLP+24, ZHS+20, vTDGCR21]. **studies** [CGG21, GLSH21, LSF23, LFZ20, Sai25, SZ23, SCZP+25]. **Studio** [NKP20]. **Study** [CWZ+24, RDZ+20, THH21, ZZZ+25, APST25, AGMFGE23, CBCZ+25, HXD+25, KUK25, NS20, NBB+21, RJVM25, SKM+21, WZH+25, XLL+22, ZDG+21, ZBS+23]. **studying** [BPMMP24, May21, SC22, Usu25]. **Stueckelberg** [Yan25]. **style** [Ham20b, WBK+24]. **SU2** [YGZG25]. **SU2-COOL** [YGZG25]. **SU3lib** [DLD+21]. **sub** [SZ23, YLIO22, ZYG21]. **sub-critical** [ZYG21]. **sub-Ohmic** [SZ23]. **sub-permutation** [YLIO22]. **subatomic** [AGJ+23]. **subdomains** [SVSC20]. **subgrid** [SRT+25]. **subgrid-scale** [SRT+25]. **submerged** [GMX+25]. **Subprograms** [HW22]. **Subsidiary** [GKIB21]. **subsonic** [JGSE25]. **subspace** [HKY+21]. **Subsystem** [MSG+21]. **subtraction** [LMWW24a, LM20]. **successful** [JHH+25, YHH+20]. **successive** [BJL+24]. **such** [MBDD25]. **SudoDEM** [ZZ21a]. **suite** [ADW+23, BPMMP24, EMB+25, HBM+24, KLM+22, MEC+24, MBG+20, PW25, RDH+20, RRM+23, SOW25, SSD+22]. **SUKI** [NUK+22]. **summation** [XWYQ21]. **sums** [AL24]. **Sunway** [CLZ+21, GWZ+25]. **super** [DAS+25, TIG+24, WLK+25]. **super-heavy** [TIG+24]. **super-resolution** [WLK+25]. **supercell** [PP24].

supercomputer [GWZ+25, RCS21]. **supercomputers** [GB22, KMM21, Kul20]. **superconducting** [BM22, JYL+23, WYHW24]. **superfluid** [JRS+21, VB22b, YA25]. **superlattices** [NNMJ22]. **supermultiplet** [PDD24]. **supernovae** [KM25a]. **superposition** [AL24]. **SuperScreen** [BM22]. **Supersonic** [BMS+23, SSC+25, BBV+22, CL25b, FZH+26, RCX24, tZHM+25]. **superstructure** [PTD20]. **supersymmetric** [ENPMRSV25, KMU+23, Bie21]. **Supervised** [WZC+24, FSC+25]. **Support** [CZ21, WWDM20, ZW20, Mag25, SPF21]. **supporting** [ABF+23b, ZDW+24]. **Surf** [PMS20b]. **surface** [CFLR24, DG25b, GMX+25, GL25, HSO+22, JNVC+25, LGDF20, LMQ+23, LSL+25, PRR23, PCL24, RCH24, SXYD24, SVJ+24, WA21, WNS+21, YA25, ZYML24, ZY25, ZHZG23]. **surfaces** [CGR21, IGL+24, Org22, PMS20b, RV20, RV21, SD24, SDP24, TGBM22, TVSM25, VZ20, WGS+22, XDF20, YYZ+22]. **surfactant** [WYT23, YK21a, ZCWY20]. **surfactants** [SRT+25]. **Surfing** [PMS20b]. **surrogate** [OKZ25, SRS+25, SMC+22, YBZ+25]. **survey** [WRM+24]. **SuSi** [NMA+25]. **SuSpect3** [KMU+23]. **suspension** [BKE+25, MHK24a]. **Susskind** [Dür23]. **SUSY** [ENPMRSV25]. **SVF** [WYZZ23]. **SWANLOP** [AB21]. **swarm** [TV24, ZZC20]. **sWeights** [GT26]. **swift** [SA23, SA25]. **swifter** [ZGZW23]. **Swiss** [KDH+25]. **switchable** [MBCC23]. **SWtools** [MD25]. **SX** [STS+25]. **SX-Aurora** [STS+25]. **SYM** [SDA+25]. **Sym4state.jl** [WLL+24]. **Symbolic** [GDB10, CLS22b, CWZ+24, CB20, LDUN25, MG22, PSW23, SLTB25, CCK23]. **symbols** [Her25, XWYQ21]. **symmetric** [DEV20, Elk25, HKHY25, LF24, SJY18, SJY20, zYMK+21, Zeb22]. **symmetric-** [SJY18, SJY20]. **symmetries** [BDF+25, CFBRE24]. **Symmetrization** [YT22]. **symmetrized** [CMS24]. **Symmetry** [DG25a, IMB+22, TW21a, ALB22, FPSZ21, GF21, GLSH21, HA21, HWT25, Kor23, LY25b, MLD+22, PDD24, RBWD+25, SK24, SDA+25, SKM+21, SCT21, WZ25, XJZ+26, ZDW+24, ZXW+22]. **symmetry-adapted** [GF21, GLSH21, MLD+22, SK24, XJZ+26]. **symmetry-assisted** [RBWD+25]. **symmetry-preserving** [HA21]. **symplectic** [HXD+25]. **Synergistic** [OBK+20]. **synthesis** [dBBVA20]. **synthesizability** [SY25]. **synthesizing** [FLW+23]. **synthetic** [JSS+24, WBF+24]. **System** [AAA+20, BCK+26, CLY22, CCW+25, HBM+24, KRC+20, KvH21, LM21a, LLT+23, LLL+24a, LSW+20, MMYU22, PYT+24, PK24, UJ21, eSdSBST21, WXX24, Yan21b, Yev21, ZCWY20, ZYXC24, ZYG21]. **system-bath** [CLY22]. **Systematic** [LY25c]. **Systems** [MYMK+21, SGM+20, AGMFGE23, ARLDG24, ABBD23, ABB+24b, Bav24, BKS22, BBF+25, BMT+20, BLM+22, CR20, CFBRE25, CPL21, CMJC21, CCW24, COW24, COP+24, DZZ21, DHK+21, DVC+22, DdMS25, DG25b, Esc25, FA21, Gal22, GTMB21, GF23, GJW24, GLB+21, GC25, GSBN22, GJEA25, HBB+25, HPP23, HKHY25, IJVJ21, IUJ21, KMBP24, KHR+23,

KKPC21, KSC+23, KDHL23, KAG24, KLM+22, KKB+25, LHZ20, LG21a, Lee21b, LLZ+23, LY25b, LQGL21, LWR25, MD20b, MMKJ25, Man24, MFB23, MP21, MAJ20, MOY+22, MOY+25, NJ25, OCK+24, Ols23, OLNG21, QJ21, RSD20, RMR+22, RHW+21, RMM21, RdSH+24, RBWD+24, RBWD+25, RdMS25, SRT+20, SFKC22, SFBG20, SSN25, SVJ+24, SP23, TC24, TMH+23, TRB20b, WPMK21, XZLX20, YKK+23a, YYH+25, YM21, YKJ+24, ZL25, ZYHH25].

T [CCK23, COW24, LGX+25, LJC+25]. **tackling** [PPKK21]. **Tadah** [KDH+25]. **tagged** [LG21a]. **tagged-particle** [LG21a]. **tagger** [Ada22]. **tagging** [LNP+24]. **Taichi** [SGY25, SGY24]. **Taichi-powered** [SGY25, SGY24]. **TaihuLight** [GWZ+25, CLZ+21]. **tails** [AFJ+23]. **takes** [PGS+24]. **Talmi** [Efr21b]. **tapir** [GHL23]. **target** [BKS24a, BCD+21, MLYA26, NUK+22, OBC+24, SHRK22, TLC+21, YK21b]. **target-oriented** [YK21b]. **Task** [DP21, CCC20, DFU20, Di 22, SCZP+25]. **Task-based** [DP21, DFU20, Di 22, SCZP+25]. **Tau** [LNP+24, TSV+25]. **TAUOLA** [ABWZ23, Nie23]. **TauRunner** [SLP+22]. **TB2J** [HHVB21]. **TBPLaS** [LZK+23]. **TC** [Och23a, Och23b]. **TChem** [KDIN+23]. **tda** [VPZH24]. **tda-segmentor** [VPZH24]. **TDDFT** [DHE+24, PD24, SLBN26]. **TDEP** [BBB20]. **TDHF** [ASS+24]. **TDSE** [ZLMH23]. **TE** [SS21a]. **tearing** [ZJM+21]. **technical** [KFHR24, NKP20]. **technique** [HXD+25, HSSC25, MG22, MHLY25, MDZ24, NDFL24, NBB+21, PAL+20, WMM+24, XFH+22, YMCF23, PGS+24]. **techniques** [DG20, GLB+21, KHKL24, NFB+26, RdSH+24, SFC20, VPS23, YZZ+23]. **telescope** [LMBH+24]. **telescopes** [AAG+20]. **Temperature** [BBB20, ASU+21, Bar22a, BCTS22, DL24, GO23, GJA21, GCWZ20, IYP+25, IUJ21, KKPC23, LLQ+23, MOY+25, SKC21, SC22, VV21, XZLX20, ZYLL24]. **temperature-dependent** [KKPC23]. **tempering** [MMFdL21]. **templated** [WGWG25]. **Temporal** [SL22, FCL+25, MZM+25, Pen24, ZLY24]. **temporally** [KFHR24]. **TeNeS** [MOY+22, MOY+25]. **TeNeS-v2** [MOY+25]. **TENO** [CC25, LF24, Tan24]. **tension** [CFLR24]. **Tensor** [BHSS25, CDD22, MOY+22, CKT21, GHT25, JS24, LG23, MCMS24, OS24, TWW22, WICA22, YS22, YK21b, ZDW+24]. **Tensor-network** [CDD22]. **tensor-product** [TWW22]. **TensorAlloy** [CGZ+20]. **TensorBNN** [KKP22]. **TensorFlow** [KKP22, WICA22]. **tensors** [XJZ+26, ZDW+24]. **TensorSymmetry** [XJZ+26]. **TEPPP** [HPP23]. **terahertz** [XYZR25]. **term** [LSS24, MP21, UCSR25, XZLX20]. **terms** [Ber24, Hid21, IUJ21, MD22, RBV+22]. **ternary** [KAS24]. **tessellation** [Nis22, SDP24]. **testing** [Hua25]. **TETHYS** [CSBF23]. **tetragonal** [LHZ20]. **tetrahedral** [MHLY25, YXX+21]. **tetratomic** [RV21]. **TFmix** [SLK23]. **their** [ABFP24, BP25, VG25]. **Theoretical** [UMA21, CLEPF22, Jab24, LTL+25, RSC+22, ZGZ+25]. **theories** [DCZ23, HS24, MCMS24]. **Theory** [DvHSdS22, FKS20, MVK+24, ATRD21, BCCM+24, BPMS25, BW23, COP+24, DLW25, DMS+22, DH22, EST23,

FASD20, FWL+24a, Fon21, Gai20, GF23, GM20, GC25, GBD+22, HTK24, Hor24, HLzY+20, IYP+25, KKSV24, LKYH25, LACL24, LYC20, LWR25, Man24, MHK24b, MDR+20, QJ21, SLZY21, SHW+21, TMC22, VCF22, YT23, YKSH20, DPR+20, DRR+24, SHW+21]. **thermal** [CK20a, CT23, DFP+20, EST23, ESS+25, FO20, FCTFR20, HYL+22, HTL+22, KMG+20, LDGN24, MMM20, MPN+21, RMCC22, VGGP+21, WLLS25, YA25, ZLH+25, ZGW20, ŻTR+22, PLSB22]. **thermal-hydraulics** [ZLH+25]. **Thermo** [FLW+23, ZWC22]. **Thermo-lp** [FLW+23]. **Thermo4PFM** [FDPT23]. **thermochemical** [LWV20, WV22, YKYK23]. **Thermochemistry** [LWV20]. **Thermodynamic** [SLK23, AMP+21, Du25, ESS+25, FDPT23, FGCN+21, KvdW20, NGCS+25, ZY25]. **thermodynamics** [FLW+23, ZWC22]. **thermoelastic** [LVB22]. **thermoelasticity** [LDW+21]. **thermoelectric** [CL20]. **thermophysicalModels** [NJSY22]. **thermosolutal** [ZDG+21]. **Theta** [CK20b]. **thick** [KRLS+25]. **thin** [BMP+24, BFD25, HBB+25, RMR+22]. **thin-film** [BMP+24]. **thin-wall** [HBB+25]. **THINC** [MPS25]. **ThinCurr** [HBB+25]. **third** [LLS+21, TSL21]. **third-order** [LLS+21]. **Thomas** [YNMR24]. **those** [MBCC23]. **thread** [PNL+24, RAJ+24]. **thread-block** [RAJ+24]. **threaded** [AG21, LR25]. **Three** [CLS+22a, CL21, RVDT25, ScQYL25, AHP21, ASU+21, BCK+26, BKO20, BR20b, BSK+22, DYH+25, Efr20, Efr21a, GOS+22, GMZ+20, JDS20, JRS+21, KLD+21, LMQ+23, MD20b, MSH22, MASFP25, PK24, PD23, SRT+20, SXYD24, SSN25, TTM22, WCP25, WXZH24, YWTK23, ZDG+21, Zho23]. **three-body** [JDS20]. **three-channel** [GOS+22]. **three-component** [YWTK23]. **Three-dimensional** [CLS+22a, CL21, RVDT25, ScQYL25, AHP21, BCK+26, BKO20, BR20b, BSK+22, DYH+25, GMZ+20, KLD+21, LMQ+23, MD20b, MSH22, PD23, SRT+20, SXYD24, SSN25, TTM22, WCP25, WXZH24, ZDG+21, Zho23]. **three-electrode** [PK24]. **three-particle** [Efr20, Efr21a]. **three-temperature** [ASU+21]. **threshold** [ASK+25]. **throughput** [NAZ+21, PFG22, RDH+20, WXL+21, WGGC22, YXX+25, ZYH25]. **TIFF** [Ken24]. **Tight** [DSQ23, JPJ+23, KVSC21, LZK+23, NKP20, WPMK21, ZYLY22, NKP20]. **tight-binding** [JPJ+23, KVSC21, LZK+23, NKP20, WPMK21, ZYLY22, NKP20]. **Time** [DRZ+21, FMCB+20, Hor23a, LY22, MVK+24, PNL+24, RS20, TKS22, WLCY25, ZYX21, ZYX22, ADW+23, BV21, BIL25, BAB+20, CJZ21, CY24, COP+24, DGM20, DS22, DVC+22, DHE+24, Dio23, DG20, DBR24, EBBB22, ET24, GPD+22, GSLS20, GF23, GBD+22, GMZ+20, HSB+24, HW22, HLMB24, Hor23b, JM24, JGJ20, JRS+21, KCS22, KBSL22, KP23, KMR22, KM23, Koz23, LWZD25, LS22, LY24b, MZ22, MKHT20, MOY+25, NJT24, PMK+23, PCB+25, PD24, PPK22, QWZ+21, RSC+22, RdMS25, SOW25, SL22, SGS23, Scr22a, SNG20, SKC21, SCF20, TTM22, TSL21, WJB21, WWB22, WHB21, WBF+24, WKJB23, WBvdH20, XSL+22, XCM25,

XLKX21, YZW21, YSMBA23, ZXXP25, ZX23]. **time-dependence** [BAB+20]. **Time-Dependent** [MVK+24, Hor23a, LY22, BAB+20, COP+24, Dio23, GSLS20, GBD+22, HSB+24, JRS+21, KM23, LY24b, SOW25, SGS23, Scr22a, WJB21, WHB21, WBvdH20, XSL+22, YSMBA23]. **Time-discretization** [TKS22]. **Time-domain** [DRZ+21, PNL+24, WLCY25, ET24, TTM22, YZW21]. **time-evolution** [GF23]. **time-explicit** [DS22]. **Time-independent** [FMCB+20, ADW+23, BV21]. **time-lapse** [DG20]. **time-of-flight** [WBF+24]. **Time-parallel** [RS20]. **time-parallelisation** [PCB+25]. **time-reversible** [KP23]. **time-series** [CY24]. **time-space** [GMZ+20]. **time-spectral** [LS22, SL22]. **time-stepping** [ZX23]. **time-warp** [RSC+22]. **TimeEvolver** [MZ22]. **Timepix4** [CBB+25]. **times** [LTMK21, Vuk25]. **timescale** [RMR+22]. **tin** [PAL+20]. **tinie** [DKRSR22]. **tip** [AUO+22]. **Tiresia** [TCSD24]. **tissue** [MV25, VRI24]. **tissues** [Usu25]. **TLBfind** [PLSB22]. **TMDICE** [Roh22]. **TMM** [BMP+24]. **TMM-Sim** [BMP+24]. **TNQMetro** [CDD22]. **TNSP** [ZDW+24]. **Tokamak** [YYC+23, BYWW23, BJS+23, BLN+25, DSY25, HEF21, JKSY22, JSKY25, LZ21, LOYS25, MGX24, MAMK21, MPH+24, MRKY25, ODD+26, PBG+25, RSHS24, SKYQ21, SDXY23, SBZ23, WDMZ24, YC20]. **TokaMaker** [HSB+24]. **tokamaks** [BFL+22, CBCZ+25, JSS+24, MG22, NSY+23, SFP+26, YBZ+25]. **tomography** [BYL+21, HTN21, RZY+24, WKJB23]. **tomosynthesis** [BSG+21]. **ToMSGKpoint** [HWT25]. **Tool** [BHK+21, BLN+21, APST25, AMP+21, AAA+25, AFJ+23, AES21, BMM21, BBM+25, BMR+24a, BMP+24, BKS24b, CSBF23, DAS+25, EGKH24, ENPMRSV25, FLW+23, FGCN+21, FLK+20, GHL23, HGT24, HSB+24, HT20, HRG+22, IGL+24, Kan23, KWB+25, KKB+24, KMY+23, LFP25, LLS+21, LR22, MAT+25, MMCC+22, MZD+20, MRG22, NYN+21, NGCS+25, Ols23, Oti25, DARJ23, RCB21, RJ21, SLBR22, SPLD20, SLB+23, SZ24a, SRML20, SCMP+22, TDR+20, TAB+22, UO20, VPZH24, WGGC22, YNV22, YNV23, ZHM+24, ZDLS21, dMMLOS20, Dju20]. **tool-kit** [WGGC22]. **Toolbox** [CV21, LWV20, OSE+20, ASW22, BTG22, CKGW22, FBC+21, GDK21, HTN21, HRU22, Hoh24, JZW+22, KMBP24, LSNRD20, MN25, PCS+23, RSD20, RZWW23, RSPJ21, RPG+20, SKDH24, Sch21, SLTB25, VCHH23, Yan24b]. **toolchain** [OIA+20]. **Toolkit** [OAB+25, AFB+24b, BVV22, CLZ+25, DCRF23, DIKSN24, EL24, Eku24, GAS+23, Hua23, Hua25, KDIN+23, LVB22, LEL+22, MES+24, OSK+21, SKW25, SC22, TVSM25, TQGE23, WMA+22, YXX+25, YTC+20, ZY25, MMCG26]. **Tools** [CLVV22, DBBP23, FR20, HCAH+24, KvdW20, LHG+20]. **TopoAna** [ZDLS21]. **topography** [CEKR24, NBCMH20]. **topological** [ATC+23, GBR23, LU21, MCP23, PP24, VRI24, HPP23]. **topologies** [GHL23]. **topology** [AS24a, Nis23]. **tops** [SJY18, SJY20]. **TorchAmi** [BL25b]. **TorchDA** [CMLA25]. **TorchQC** [KSP25]. **TORCWA** [KL23b]. **toroidal** [CBCZ+25, CMS22, LOT+20, LZ21, MG22, MMYU22, YBZ+25].

toroidally [BJL+24]. **toroidally-rotating** [BJL+24]. **torque** [YBZ+25]. **torsional** [CZB+23]. **Total** [MSHP02, MSHP20, HMYH22, HSO+22, MD20a]. **Total-energy** [MSHP02, MSHP20]. **total-reflection** [HMYH22, HSO+22]. **Townsend** [MHÅ21]. **TPC** [GdLSB25]. **TPMD** [SC22]. **tqix** [HTN21]. **tqix.pis** [VCHH23]. **trace** [LMWW24b]. **tracing** [FXQS21, GSC+26, GRP+25, GSL+23, HFLT26, SHS22, WWM+22, sXBkB+22, ZDJ25]. **Track** [BBB+21, AAB+21, BIL25, BDGS21, GdLSB25, OHMK25, TAGC22b, SP23]. **track-structure** [OHMK25]. **tracker** [AAB+21]. **Tracking** [DHK+21, AGJ+23, ABK+22, CLH+25, GRP+25, KSC+23, LBRW22, NSY+23, NBS+20, PCL24, SRC21, SRT+25, SBP20, WAR+25, WWM+22, YGSW21]. **tractable** [RDZ+20]. **traction** [HGS20]. **traditional** [TCY+21]. **trainable** [KD25]. **trained** [HLQL25]. **Training** [BKS24a, WZC+24, vdHKB+23]. **trajectories** [BFT20, SKC21, SC22, SZT24, TBAR21]. **Trajectory** [ZNW25]. **Trajectory-based** [ZNW25]. **TRANS** [SHS22, Pen24, ZLY24]. **Trans-Net** [Pen24, ZLY24]. **transcendental** [BA24]. **transcorrelated** [Och23a, Och23b]. **Transfer** [BMR+23, CJZ21, FXQS21, KKPC23, KSIL22, MDDI21, NBB+21, SDV+25, UBL25, WHQS26]. **transferability** [MYKC23]. **transferable** [Pen24, SPMS23, ZLY24]. **transfers** [HRG+22]. **transform** [CLEPF23, KIK20, SPG25, AL24]. **transformation** [CMLA25, HWT25, IJVJ21, KF23, Lee21b, PP21, RMFB23, SMGK21, YW21, YJ24]. **transformations** [ABFP24, Efr20, Efr21a, MRT+22, YKY+22, dBBVA20]. **transformed** [MSN+22]. **transformer** [BS25b, FCdNA25]. **transformer-based** [FCdNA25]. **transforms** [BJS+23, KPST21, LWZD25]. **transient** [AE23, ET24, Ryd20]. **Transition** [VLS22, BMM21, BFD22, CXCZ23, LKK23, LSC+25, LGBJ20, MMM23, MMFdL21, SXC+25, TPW+25, VB22b]. **transitions** [Bar22a, BBM+25, CJZ25, EST23, GSV23, SZ23, VRI24]. **TRANSLATE** [BCF+24]. **translational** [CJZ25, RARA25]. **transmission** [Arn20, CGV+22, RHJ+25, SLL+24]. **transmutation** [LF20]. **transonic** [LSS+25]. **TRANSP** [PBG+25]. **Transparent** [SP20]. **transpond** [BGW+22]. **Transport** [KOF21, MA25, NRKA22, AUEO24, ABGD+20, ASPDL+21, ASPDL+25, BGW+22, BCF+24, BSS+23, CK20a, CPL21, CHK25, CHA21, CL20, CKC+21, CL21, DF25, DFP+20, Du25, DKRSR22, DGHA25, EBBB22, ESS+25, FO21, GFML25, GAGO21, GLN23, HLS25, Jab24, Kal20, LBM+23, LLL24b, LFL+24, LOYS25, LHWX24, MK22, MBTB21, MMM20, MGC+23, MP21, MAMK21, MMYU22, NSY+23, NVT25, OBGA24, PLT+23, PYT+24, PPR+21, RDC+20, SHS22, SS25, SP23, SLIC24, TSB26, TAY+24, Vuk25, WAN+22, WXW+21, WAC25, XDF20, XSL+22, YHH+20, YYH21, YJLW21, YZHL22, ZLLM23, ZGZ+25, ZXWY25, ZPL+21, ZCS+24]. **transport-property** [AUEO24]. **TransROTA** [BJL+24]. **transverse** [KPST21]. **trapped** [LLG+24, BFT20]. **traps** [BTK24]. **traversal** [WVK21]. **TRAVOLTA** [RBWD+24]. **t}re** [ST23b]. **treams** [BFCR24]. **treatment**

[RZH22, YXX+21]. **tRecX** [CMS24, Scr22a]. **Tree** [CFL+22, SJ20, WVK21]. **treecode** [CGR21, KKLZ23b]. **trends** [KIK20]. **trhepd** [HMYH22, HMYH22, HSO+22]. **trial** [MMM23]. **trials** [BSG+21]. **triangular** [AIZ23, BRAC23, GLMW25, LR25, MHLY25, NZA25, SS21b, YWK+24, YXX+21]. **triangular/tetrahedral** [MHLY25]. **triangulated** [TGBM22]. **Triatomic** [RV20, GTMB21, RdMS25, Xav22]. **trichalcogenides** [CXCZ23]. **tridiagonal** [ALBL25, KKPC21, YKK+23a]. **trigger** [TGIM23]. **triggering** [ABF+23b]. **trigonal** [LHZ20]. **TRIM** [PFG22]. **TriMe** [LR25]. **trions** [PC21]. **triple** [AFB+24b, Bzo21]. **triple-** [Bzo21]. **triple-GEM** [AFB+24b]. **TripleK** [Bzo21]. **triply** [LXY+21]. **TRIQ** [IHWG24]. **TRIQ/Nevanlinna** [IHWG24]. **TRIQS** [KM22]. **TRIQS/SOM** [KM22]. **TRISO** [ZLH+25]. **TRISO-fueled** [ZLH+25]. **triSurfaceImmersion** [TGBM22]. **tritium** [SKS25]. **TROPIC** [LSC+25]. **Tropical** [BMT23, BF25]. **truncated** [HHT22]. **TrussMe** [SLTB25]. **TrussMe-Fem** [SLTB25]. **Tsinghua** [ZXT22, ZXT23]. **TSUBASA** [STS+25]. **TTCF4LAMMPS** [MES+24]. **TTDFT** [LG23]. **Tucker** [LG23]. **TUMME** [ZXT22, ZXT23]. **tuneable** [GTE21]. **tungsten** [YHH+20]. **Tuning** [BSS+23, LAC21, Cel24]. **Tunneling** [Gul20, SZNW23]. **tunnels** [Ryd20]. **turbine** [GEM+25]. **turboMagnon** [GBD+22]. **TurboPy** [RGS+21]. **turbulence** [FA20a, FLS25, FUTJ25, Ken24, Ken25, KPL+21, LBRW22, LF24, MSU+21, ODD+26, RJVM25, RSS25, REZS25, SKYQ21, SDXY23, SBZ23, SFP+26, TW25, WLK+25, YRNUV25, ZZS+25, ZYX21, ZYX22, ZSqXY21, ZFXW25]. **turbulent** [BMSP21, BMS+23, FA20b, GB22, KWZ24, KKPC23, NS20, NY25, SSC+25, SPC25, VLS22]. **TURTLE** [NBCMH20]. **tutorial** [BM20, SOH+23]. **tutorial-driven** [BM20]. **twiddling** [Fis24]. **twisted** [Kub24]. **twisted-mass** [Kub24]. **Twister** [NNMJ22]. **Two** [HT24, JYL+23, KM20, LF20, LHTP+24, AYB24, ABFP24, BBA23, BBA25, BM22, CAWK22, CCK23, Dan24, Dau23, DKRSR22, DGHA25, EPM23, ENK24, GDB10, GCK21, KWK+21, KBSL22, KM23, KMS20a, LGZ+25, LW24, LAC+25, LR25, MA24, MBJB24, MFB23, MBDD25, MPS25, MYM+22, MCP23, NABM25, ODU24, PARB25, SRT+20, SLZ+24, SMB20, SSB+23, SFS22, UÁEPGBP24, VAS+25, WT22, WBM+25a, Yan21b, ZYXC24, KMS20b]. **two-body** [KWK+21]. **two-center** [SSB+23]. **Two-dimensional** [HT24, LHTP+24, BM22, Dan24, DKRSR22, KM23, LGZ+25, MFB23, MYM+22, PARB25, SRT+20, UÁEPGBP24, VAS+25, WBM+25a]. **two-dimensional-material-based** [DGHA25]. **Two-fluid** [JYL+23]. **Two-Higgs-Doublet** [KM20, KMS20b]. **two-outcome** [MBDD25]. **two-phase** [BBA23, BBA25, CAWK22, Dau23, ENK24, KBSL22, MA24, MPS25, NABM25, SFS22, WT22, Yan21b]. **two-photon** [KMS20a]. **two-step** [AYB24, LAC+25]. **twoPhaseInterTrackFoam** [SRT+25]. **twoWayGPBEFoam** [LMHL20]. **type** [Arn20, BCGT24, CZY20, GB24, GMZ+20, MD25, NJT25, Pöt20, TCY23, TL20, Wan25b, XFH+22, ZDLS21].

U [GOCSS+23]. **UAMMD** [PIFPA+25]. **UCNS3D** [ADF+22]. **udkm1Dsim** [Sch21]. **UKRmol** [HBM+24, MBG+20]. **UKRmol-scripts** [HBM+24]. **ultra** [BCT20, BKBL22, EES24]. **ultra-peripheral** [BCT20, BKBL22]. **ultrafast** [Hua24, Sch21, SLB+23, Tan23, WKJB23, WBvdH20, ZPL+21]. **ultraperipheral** [ZGK+24]. **ultrashort** [BAB+20, MD22]. **ULYSSES** [GMPG+21, GLPG+23]. **un-split** [NABM25]. **unbinding** [Ryd20]. **uncertainty** [GEM+25, HRGGB25, KMG+20, LAC+25, MZL+21, SMC+22, TRN+24, TO21, VEHCM21]. **uncertainty-aware** [GEM+25]. **Unconditionally** [Yan24a, GZW20, KHKK25, LM21a, WLCY25, ZCWY20, ZZ24]. **unconditionally-stable** [ZZ24]. **uncorrelated** [SX25]. **underlying** [RZ23]. **UNDI** [BFI+21]. **UnDiFi** [CAC+22]. **UnDiFi-2D** [CAC+22]. **UNED** [COJ+22, LAC+25]. **unfitted** [MB25]. **unfolding** [CWC25, Gag25, Gag26, RMFB23]. **Unified** [KWZ24, ZWP+22, FJ22, FTZ+23, LSW+20, LHG24, STA20, SFP+26, TSV+25, WZH+25, WLX24, XFH+22, ZWLX25]. **Uniform** [JLW24, PCL24, CL25b, MZL+24, NR21, PCS+20, VB22b]. **uniGasFoam** [VTW+25]. **unipolar** [WSK+22, YFL22]. **uniqueness** [MNS+24]. **Unit** [AAA+20, AGH21, AL24]. **unitarity** [ADC+21]. **unitary** [GH21]. **units** [Art25, DC22, MBDD25, WICA22, ZDJ25]. **univariate** [CFSV25]. **Universal** [CXCZ23, GLPG+23, TVAW+25, GMPG+21]. **Universally** [PIFPA+25]. **universe** [BMM21, FFTV23]. **University** [ZXT22, ZXT23]. **unlabeled** [SY25]. **Unleashing** [ZZ21a]. **Unlocking** [RYS+24]. **unoccupied** [SLZG20]. **Unravelling** [VPPQ21]. **UNRES** [OCK+24]. **unsaturated** [HRG+22, TSB26]. **unscented** [AGJ+23]. **unsplit** [LH22, LH24, MOV21]. **unstable** [KvdW20, KAB+21, LWhK+20]. **unsteady** [CJZ21, EAOSY25, SRS+25, SFS22, YYY22, ZZ25]. **unstructured** [ADF+22, CAC+22, EPM23, KFC+20, LJM+25, MHLY25, NTO24, NSY+23, NABM25, PLF20, SZW25, TGBM22, WCP25, ZDSS23]. **Unsupervised** [XLFL25, WYZZ23]. **Up-sampling** [TCcN23]. **Upcgen** [BKBL22]. **Update** [IKM+24, AJDS+21, ABWZ23, GvdBdGN24, HJGL22, LJH+23, XOTI22]. **Updated** [CTPS22, Hor24, SPTPR21, SLL+24, SZY+22]. **Updates** [AJW+21, FQRR22]. **Upgraded** [NUK+22, PMA+21, YZW22]. **upon** [ZLWBH25]. **upset** [SCAP24]. **URANOS** [DAC+23, DB24]. **URANOS-2.0** [DB24]. **urban** [YCC22]. **usable** [Sai25]. **usage** [CHA21]. **use** [BDF+25, LSS24, MG22, TPS+24, WKBW21]. **used** [KIK20]. **useful** [LLL+25a]. **User** [SMB20, WAYL23, BMR+24b, DvHSdS22, HGS20, HWT25, KKSV24, MMCC+22, TVSM25, WXL+21, YR21]. **user-defined** [KKSV24]. **user-friendly** [HGS20, HWT25, MMCC+22, WXL+21]. **user-guided** [TVSM25]. **User-ready** [SMB20]. **users** [YTC+20]. **usine** [Mau20]. **Using** [MMM23, TAGC22b, ANV+25, ABBD23, Ano20c, ASC+21, BOSM24, BRAC23, BGH22, BKB+21, BWY25, BB24b, BCS25, BFG24, CE22, CGSO20, CFLR24, CL20, CZB+23, CKT21, CP25b, CT23, CL25b, CJ21,

CLEPF22, CLEPF23, CLEP24, CH25, CNS22, DMS+22, Dau23, DS22, DC22, Dry21, DGHA25, FHD25, FASD20, FMBD22, GdLSB25, GF23, GBD+22, GAS+23, HT24, HW22, HSO+22, HLzY+20, HG22, Ilt21, JSS+24, JS24, JPJ+23, KWK+21, KK16, KWZ24, KF23, KCS22, KPSL26, KSJ+22, KKY24, KRCY25, KPL+21, Kor23, KKP22, LHG+25, LOT+20, LMX+21, LZ21, LWZD25, LJQ+22, LM22, LVMGF+23, LSS+25, MMC+21, MSN+22, MGG+20, MBG+20, MAJ20, MKHT20, MPSK21, MPQ+22, NZA25, Nis22, OIA+20, Och23a, Och23b, OB25, PMSHG23, PBK21, PCB+25, PP23, Par21, PYH+25, PNL+24, PAG+25, PCS+23, PFG22, RJVM25, Di 22, RCW+20, SK24, SFBG20]. **using** [ScQYL25, SKC21, SC22, SFC20, SP23, SLC+22, SS21b, SY25, SW25, TAGC22a, TGGC23, TMC22, TSB26, VAS+25, VG25, WGG20, WXW+21, WXL+21, WWM+22, WA21, WWS+25a, WXZH24, WGWG25, WS20, WKJB23, WBM+25b, Xav22, XHY+24, YP24, YJLW21, YRNUV25, YLL+22, ZS24, ZLH+25, ZFXW25, ZZ25, ZLV23, ZMK+25, dBBVA20]. **utilitarian** [BC22]. **Utility** [DBdFdSR21]. **utilizing** [WHSG24].

v [AGK+23]. **v.2.0** [KSM+25]. **v.9.0.0** [AMA+20]. **v1.0.0** [BM20, SY20]. **v1.1** [CR20, GKIB21]. **v1.2** [ADH+20]. **v1.3.0** [BDK+23]. **V2** [LG21b, AAHJ20, BMM21, MOY+25]. **v2.0** [OSE+20]. **v2.0.0** [BN23]. **v2.0.3** [WVT+25]. **v2107** [GDK21, HRG+22]. **v3** [BBM+25, DRR+24]. **v3.0** [EL24, LSS+25]. **V4** [CB25, SCAP24]. **v4-4.0** [SCAP24]. **v4.0** [MSN+22]. **v5** [ZW20]. **v5.1** [CZ21]. **vacancies** [WLF+24]. **vacuum** [LSL+25, Sat21]. **VacuumTunneling** [HZ25]. **valence** [CXCZ23]. **validating** [MMFdL21]. **validation** [CEC+24, DIK+23, OHMK25, DARJ23, SCR+22b, ZYG21]. **value** [ATC+23, CSW+25, FYW23, KFHR24]. **valued** [CL22a]. **values** [GOST23, GOST25, Jab20]. **VAN-DAMME** [RBWD+25]. **Vanderbilt** [TIG+24]. **vanishing** [JDS20]. **variable** [EAOSY25, RVDT25, WYT23, WHQS26, YK21a, ZZZ26, PBK21]. **variable-order** [ZZZ26]. **variables** [ABFP24, Par21]. **variance** [CHA21, PLT+23, PPR+21]. **variance-reduced** [PPR+21]. **variant** [WYT23, YK21a]. **variants** [Hor24]. **variation** [ZYLL24]. **Variational** [WHSG24, YYH21, AGH21, Jia20, PC21, SZ23, XSL+22, XOTI22, XFGS24, YZHL22, YLP+24]. **Variationally** [RG21]. **variations** [MM23]. **various** [CW22, HWZ24, SHW+21, sXBkB+22]. **varRhoTurbVOF** [FA20a, FA20b]. **varying** [SD24]. **VASP** [DCRF23, GWPW21, LR22, MPSK21, WXL+21, YTC+20]. **VASPKIT** [WXL+21]. **Vector** [FMBD22, ONH+20, ABB+22, BBTW25, CV24, KL23a, STS+25, TW21b, WWDM20, ZMK+25]. **Vector-based** [ONH+20]. **vector-meson** [KL23a]. **vectorial** [CMS22]. **vectorised** [EPM23]. **vectorization** [KMRB24]. **vectorized** [CNS22]. **VegasFlow** [CCM20]. **VELAS** [RZWW23]. **velocity** [GP25, HFP21, KFC+20, UJ21, VPPQ21, VOLU25, Xie23]. **velocity-Verlet** [VOLU25]. **VENUS** [MPQ+22]. **VENUS-LEVIS** [MPQ+22]. **Verification**

[DIK+23, MGC+23, SCR+22b, SBB+24, Bak23, CJD+20, HML+25, IYC+24, KDK23, MDL+25, MLYA26]. **verified** [GAS+23, LHWX24]. **Verlet** [VOLU25]. **versatile** [BVV22, BMP+24, KKPC23, MAT+25, WLL22]. **Version** [AKK+24, AAT+20, ASPDL+21, ASPDL+25, BC22, GM26, GLPG+23, HQF+20, KKM+20, Pos22, SJP21a, ASS+24, BMS+23, CB23, CCG21, CZB+23, DS22, DACA+22, DP21, Dio23, FTG23, GST21, GOST25, GOS+22, GG24, HZ24, HVR+25, Hor24, Jab22b, Koł22, MS24, Mag25, MBJB24, MDB+25, MSN+22, MPZB+24, NAZ+22, Org22, RZY+24, Sai25, SSC+25, SA25, SMO+20a, SLL+24, SVJ+24, SAS20, Sit24, WMS+25, YZW22, ZXT23]. **versions** [BBH+23, IKM+24]. **vertex** [WLCF21]. **Very** [Koz23, BIL25, KAB+21, OCK+24]. **vesicle** [HLY25]. **VHEGEN** [LHZ20]. **via** [ANS25, AUO+22, ABD+23, CKD+25, CY24, CSW+25, DR21, EGKH24, FTRZ25, GSV23, HLQL25, LG21a, LKK23, LS24, LXYG25, LM23, NAZ+21, RSR+25, RV20, RV21, Roh22, VGGP+21, YK21b, ZJM+25, ZZC20]. **vibrational** [GTMB21, KSG22, MEC+24, WLX24]. **vibronic** [LHZ20]. **viewSq** [MKPW21, MKPW22]. **Vincia** [BP21]. **violation** [KKSV24]. **Virtual** [LLL24b, BSG+21, LHC20, SMKL25, ZLLZ25]. **VirtualFluids** [GKS+25]. **VIRTUS** [MMP20]. **viscoelastic** [CDML25, NABM25]. **viscoplastic** [ScQYL25]. **viscosity** [YBZ+25]. **viscous** [RCW+20, UBL25, WF25]. **vision** [FCdNA25]. **VISROC** [CTPS22]. **Visual** [MKPW22, Gro22, MKPW21]. **visualisation** [NRG24]. **Visualization** [CTPS22, CLZ+25, EL24, NRG22, RZWW23, WGGC22]. **visualizing** [MKPW21, MKPW22, TQGE23, vTDGCR21]. **ViTAE** [FCdNA25]. **ViTAE-SL** [FCdNA25]. **Vlasov** [LSW+20, CE22, Ein20, KMD+21, PMK+23, TCSA21, TKC+21, YKY+22, ZLL+24, ZWL25]. **VMD** [MKPW21, MKPW22, WKBW21]. **VOF** [NABM25]. **Vofi** [CCL+22]. **VOFTools** [LHG+20]. **volcano** [ZLV23]. **Volume** [DVB+25b, ADF+22, CCL+22, CEKR24, Dau23, DS22, FZD+24, FA20a, FA20b, KFC+20, LXY+21, LY24a, LHG+20, LH22, LH24, MSM24, MOMO25, Pag24a, PGYF21, TGBM22, VGGP+21, VTB+21, WZX+25, WH23, ZCD+25]. **volume-conservation-improved** [LY24a]. **volume-lattice** [ZCD+25]. **volumes** [BWY25]. **volumetric** [CBCZ+25]. **Voro** [LLR23]. **Voronoi** [LLR23, MRD23, Nis22, PCL24]. **Vorotis** [Nis22]. **vortex** [VPPQ+24]. **vortex-p** [VPPQ+24]. **vortices** [KSDH23]. **VPA** [PBK21]. **VQE** [XFGS24]. **VTAnDeM** [TQGE23].

Waals [DLW25]. **wafer** [VAS+25]. **wafer-scale** [VAS+25]. **Wakatani** [Ken25]. **walk** [SCCB25]. **walks** [MW21]. **wall** [BKB+21, BHC+25, DAC+23, HBB+25, RZH22, SPR25, SPC25, XCC+25, YGSW21]. **wall-bounded** [BHC+25, DAC+23, XCC+25]. **wall-ring** [SPR25]. **wan2respack** [KMY+23]. **Wang** [AM21b, MDP22, SJ21]. **Wannier** [DLW25, DSQ23, Kor23, SK24, ZXW+22]. **Wannier-basis** [DLW25]. **Wannier90** [KMY+23]. **WannSymm** [ZXW+22]. **WanTiBEXOS** [DSQ23].

warm [BCTS22, BRHT21, MHK24b]. **warp** [RSC+22]. **WarpX** [SE25]. **water** [CEKR24, DS22, HRG+22, HLS25, ODU24, DARJ23, STA20, TSB26]. **WaterLily.jl** [WF25]. **watershed** [HRG+22]. **wave** [AJDS+21, BGW+22, BBMS25, CDML25, CGV+22, Dio23, FASD20, FWL+24a, GBD+22, GMZ+20, JZW+22, LL23, MSHP02, MSHP20, NS20, NBB+21, OYC24, Pos22, RCB+20, RRC+24, RdMS25, SJP21a, SPS25, TTM22, TL20, Yan23, YJLW21, YR21, ZZZ26, ZWL25, ZZZ+20, WWDM20, AYI+24]. **wave-packet** [Dio23]. **wave-particle** [ZWL25]. **wavefield** [JY25]. **waveform** [DRZ+21]. **waveforms** [GF23]. **wavefunctions** [MONW21, RCP+24]. **waveguides** [RCGS25]. **wavelength** [WMS+25]. **wavelet** [LDGN24, STC25, TC26, WXZH24]. **wavelet-learning** [LDGN24]. **waves** [AB21, BXW+25, BBM+25, BR20a, CFPS23, GC25, HM24a, HM24b, MDZ24, WXY20]. **way** [BDF+25, DEdM24]. **ways** [GSBN22]. **weak** [LGBJ20]. **WeakCoupling** [IYP+25]. **Weakly** [CLVV22, WLF+23, HMR22, ZWL25]. **weakly-compressible** [HMR22]. **web** [BMR+23, BMR+24b]. **week** [BR20a]. **weight** [NBC+24]. **Weighted** [MGX24, CCW+25, MRD23]. **weighter** [AAA+21]. **well** [CEKR24, MA24, ZZ24]. **well-balanced** [CEKR24, MA24]. **well-posed** [ZZ24]. **WENO** [EOR21]. **wettability** [NLS24]. **Weyl** [SLBR22]. **Wheeler** [HA23]. **whistler** [NS20]. **whole** [CL21]. **whole-core** [CL21]. **wide** [FHD25]. **widgets** [DBE+24]. **widths** [ABH+23]. **WIEN2k** [GBR23]. **wiggler** [ASA+22]. **Wigner** [DLD+21, PDD24, XWYQ21]. **wildland** [ST25]. **Wilson** [Dür23, FKK+21]. **WIMP** [GJJN23, JKST22]. **WIMP-nucleus** [GJJN23]. **WimPyDD** [JKST22]. **wind** [GEM+25, YCC22]. **window** [MDZ24]. **within** [BN20, BN23, Dan23, DDW25, GOCSS+23, Mar22, NVC20, PAG+25, TWW22, WZZ+23, WZH+25, XSL+22, YHY+21]. **without** [AUEO25, Ham20b, NA20, SLZG20, SKM+21]. **witnesses** [MBDD25]. **WloopPHI** [SLBR22]. **workflow** [DSW+23, GO23, LACL24, SS22, TPS+24, WLLS25, vTDGCR21]. **workflows** [DIAA21, ZGZW23]. **worlds** [TPW+25]. **WPF** [GOS+22]. **wrapper** [FCSP20]. **writing** [HGT24, KSIL22]. **WSPM** [TSB26]. **wurtzite** [HLCD20].

X [GSC+26, MKPW22, CML+24, HTN21, Hua24, Jab22a, MKPW21, MSU+21, SPF21, WKJB23, ZLLZ25]. **X-ray** [MKPW22, GSC+26, CML+24, Hua24, Jab22a, MKPW21, SPF21, WKJB23]. **X-rays** [ZLLZ25]. **x2dhf** [KL25]. **x86** [CZTF23]. **XANES** [BDP+21, MGG+20]. **Xatu** [UÁEPGBP24]. **XCHEM** [BFMA+24]. **XCHEM-2.0** [BFMA+24]. **XFNO** [SXY25]. **XLB** [AS24b]. **Xsorb** [PRR23]. **XtalOpt** [HZ24]. **XTOR** [NDFL24]. **XTOR-K** [NDFL24].

YADE [ABB+24b, KGT22, CCC20]. **YAM2** [Par21, Par25]. **Yan** [AFJ+23]. **years** [SHB+20]. **yield** [HA23]. **yiElds** [MBF+24]. **Ying** [Pen24]. **ython** [VMRFC23].

Z' [LSZ23]. **Z'-explorer** [LSZ23]. **Z1** [KDHL23]. **Z2** [GBR23]. **Zapdos** [DIK+23]. **ZEFR** [RCW+20]. **zero** [DH20, MOMO24, MOMO25, WLK+25]. **zero-dimensional** [MOMO24, MOMO25]. **Zhang** [Pen24, PWC24, SX25]. **zinc** [HLCD20]. **zinc-blende** [HLCD20]. **ZKCM** [Sai25]. **ZMCintegral** [CZ21, WZPW20, ZW20]. **ZMCintegral-v5** [ZW20]. **ZMCintegral-v5.1** [CZ21]. **ZZPolyCalc** [PWC24].

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Aiello:2024:ESK

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Arbey:2020:AVP

[AAHJ20] A. Arbey, J. Auffinger, K. P. Hickerson, and E. S. Jenssen. `AlterBBN v2`: a public code for calculating Big-Bang nucleosynthesis constraints in alternative cosmologies. *Computer Physics Communications*, 248(??):??, March 2020. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0010465519303236`.

Alexeev:2020:MHP

[AALK20] Dmitry Alexeev, Lucas Amoudruz, Sergey Litvinov, and Petros Koumoutsakos. `Mirheo`: High-performance mesoscale simulations for microfluidics. *Computer Physics Communications*, 254(??):??, September 2020. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S001046552030093X`.

Alperen:2023:HEN

[AAMY23] Abdullah Alperen, Hasan Metin Aktulga, Pieter Maris, and Chao Yang. Hybrid eigensolvers for nuclear configuration interaction calculations. *Computer Physics Communications*, 292(??):??, November 2023. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0010465523002333`.

Allanach:2014:NMS

[AAT+14] B. C. Allanach, P. Athron, Lewis C. Tunstall, A. Voigt, and A. G. Williams. Next-to-minimal `SOFTSUSY`. *Computer Physics Communications*, 185(9):2322–2339, September 2014. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0010465514001386`. See corrigendum [AAT+20].

Allanach:2020:CNM

[AAT+20] B. C. Allanach, P. Athron, Lewis C. Tunstall, A. Voigt, and A. G. Williams. Corrigendum to "Next-to-Minimal SOFTSUSY" [Comput. Phys. Comm. **185** (2014) 2322–2339] (New Version Announcement). *Computer Physics Communications*, 250(??):??, May 2020. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0010465519303753`. See [AAT+14].

Arellano:2021:SSW

[AB21] H. F. Arellano and G. Blanchon. `SWANLOP`: Scattering waves off nonlocal optical potentials in the presence of Coulomb interactions. *Computer Physics Communications*, 259(??):??, February 2021. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0010465520302599`.

Andersen:2022:HHE

[ABB+22] Jeppe R. Andersen, James Black, Helen Brooks, Bertrand Ducloué, Marian Heil, Andreas Maier, and Jennifer M. Smillie. `HEJ 2.1`: High-energy resummation with vector bosons and next-to-leading logarithms. *Computer Physics Communications*, 278(??):??, September 2022. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0010465522001230`.

Alguero:2024:MCD

[ABB+24a] G. Alguero, G. Bélanger, F. Boudjema, S. Chakraborti, A. Goudelis, S. Kraml, A. Mjallal, and A. Pukhov. `micrOMEGAs 6.0`: N-component dark matter. *Computer Physics Communications*, 299(??):??, June 2024. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0010465524000560`.

Angelidakis:2024:YEF

[ABB+24b] Vasileios Angelidakis, Katia Boschi, Karol Brzeziński, Robert A. Caulk, Bruno Chareyre, Carlos Andrés del Valle, Jérôme Duriez, Anton Gladky, Dingeman L. H. van der Haven, Janek Kozicki, Gerald Pekmezi, Luc Scholtès, and Klaus Thoeni. `YADE` — an extensible framework for the interactive simulation of multiscale, multiphase, and multiphysics particulate systems. *Computer Physics Communications*, 304(??):??, November 2024. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0010465524002169`.

Alphonius:2026:LOS

[ABB+26] Amishga Alphonius, Lucka Barbeau, Bruno Blais, Olivier Gaboriault, Olivier Guévremont, Justin Lamouche, Pierre Laurentin, Oreste Marquis, Peter Munch, Victor Oliveira Ferreira, Hélène Papillon-Laroche, Paul Alexander Patience, Laura Prieto Saavedra, and Mikael Vaillant. Lethe 1.0: an open-source parallel high-order computational fluid dynamics software framework for single and multiphase flows. *Computer Physics Communications*, 318(??):??, January 2026. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0010465525003820`.

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[ABBD23] B. Ananthanarayan, Sumit Banik, Souvik Bera, and Sudeepan Datta. `FeynGKZ`: a `Mathematica` package for solving Feynman integrals using GKZ hypergeometric systems. *Computer Physics Communications*, 287(??):??, June 2023. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0010465523000449`.

Armadillo:2023:EFI

[ABD+23] Tommaso Armadillo, Roberto Bonciani, Simone Devoto, Narayan Rana, and Alessandro Vicini. Evaluation of Feynman integrals with arbitrary complex masses via series expansions. *Computer Physics Communications*, 282(??):??, January 2023. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0010465522002648`.

Attanasio:2025:SFL

[ABD+25] Felipe Attanasio, Marc Bauer, Jelle Dijkstra, Timoteo Lee, Jan M. Pawlowski, Wolfram Pernice, and Frank Brückerhoff-Plückelmann. Speeding up fermionic lattice calculations with photonic accelerated inverters. *Computer Physics Communications*, 317(??):??, December 2025. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0010465525003273`.

Ananthanarayan:2023:EAD

[ABF+23a] B. Ananthanarayan, Souvik Bera, S. Friot, O. Marichev, and Tanay Pathak. On the evaluation of the Appell F_2 double hypergeometric function. *Computer Physics Communications*, 284(??):??, March 2023. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0010465522003083`.

Araujo:2023:LSG

[ABF+23b] M. V. Araújo, M. Begalli, W. S. Freund, G. I. Gonçalves, M. Khandoga, B. Laforge, A. Leopold, J. L. Marin, B. S-M. Peralva, J. V. F. Pinto, M. S. Santos, J. M. Seixas, E. F. Simas Filho, and E. E. P. Souza. Lorenzetti Showers — a general-purpose framework for supporting sig-

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Group:2025:CBS

[ABF+25] Joshua Albert, Csaba Balázs, Andrew Fowlie, Will Handley, Nicholas Hunt-Smith, Roberto Ruiz de Austri, and Martin White. A comparison of Bayesian sampling algorithms for high-dimensional particle physics and cosmology applications. *Computer Physics Communications*, 315(??):??, October 2025. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0010465525002589`.

Ananthanarayan:2024:OWR

[ABFP24] B. Ananthanarayan, Souvik Bera, S. Friot, and Tanay Pathak. `Olsson.wl` and `ROC2.wl`: Mathematica packages for transformations of multivariable hypergeometric functions and regions of convergence for their series representations in the two variables case. *Computer Physics Communications*, 300(??):??, July 2024. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0010465524000857`.

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[ABGD+20] B. Al Atoum, S. F. Biagi, D. González-Díaz, B. J. P. Jones, and A. D. McDonald. Electron transport in gaseous detectors with a Python-based Monte Carlo simulation code. *Computer Physics Communications*, 254(??):??, September 2020. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0010465520301533`.

Athron:2023:FAC

[ABH+23] Peter Athron, Adam Büchner, Dylan Harries, Wojciech Kotlarski, Dominik Stöckinger, and Alexander Voigt. `FlexibleDecay`: an automated calculator of scalar decay widths. *Computer Physics Communications*, 283(??):??, February 2023. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0010465522003034`.

Appleby:2022:MFF

[ABK+22] Robert B. Appleby, Roger J. Barlow, Dirk Krücker, James Molson, Scott Rowan, Sam Tygier, Haroon Rafique, Nicholas Walker, and Andrzej Wolski. `Merlin++`, a flexible and feature-rich accelerator physics and particle tracking library. *Computer Physics Communications*, 271(??):??, February 2022. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0010465521003167`.

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[ABWZ23] S. Antropov, Sw. Banerjee, Z. Was, and J. Zaremba. `TAUOLA` update for decay channels with e^+e^- pairs in the final state. *Computer Physics Communications*, 283(??):??, February 2023. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0010465522003113`.

Altenmuller:2022:RPR

[ACD+22] Konrad Altenmüller, Susana Cebrián, Theopisti Dafni, David Díez-Ibáñez, Javier Galán, Javier Galindo, Juan Antonio García, Igor G. Irastorza, Gloria Luzón, Cristina Margalejo, Hector Mirallas, Luis Obis, Oscar Pérez, Ke Han, Kaixiang Ni, Yann Bedfer, Barbara Biasuzzi, Esther Ferrer-Ribas, Damien Neyret, Thomas Papaevangelou, Cristian Cogollos, and Eduardo Picatoste. REST-for-physics, a ROOT-based framework for event oriented data analysis and combined Monte Carlo response. *Computer Physics Communications*, 273(??):??, April 2022. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0010465521003933`.

Alpat:2023:MCN

[ACKB23] Ali Behcet Alpat, Abdullah Coban, Hakan Kaya, and Giovanni Bartolini. `MRADSIM-Converter`: a new software for STEP to GDML conversion. *Computer Physics Communications*, 286(??):??, May 2023. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0010465523000334`.

Amaricci:2022:EPE

[ACS+22] A. Amaricci, L. Crippa, A. Scazzola, F. Petocchi, G. Mazza, L. de Medici, and M. Capone. `EDIpack`: a parallel exact di-

agonalization package for quantum impurity problems. *Computer Physics Communications*, 273(??):??, April 2022. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0010465521003738`.

Arshad:2025:AMR

[ACT25] Talha Arshad, Yuxi Chen, and Gábor Tóth. Adaptive mesh refinement in semi-implicit particle-in-cell method. *Computer Physics Communications*, 316(??):??, November 2025. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S001046552500308X`.

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[Ada22] Jaroslav Adam. `GETaLM`: a generator for electron tagger and luminosity monitor for electron–proton and ion collisions. *Computer Physics Communications*, 272(??):??, March 2022. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0010465521003635`.

Abreu:2021:CCF

[ADC+21] S. Abreu, J. Dormans, F. Febres Cordero, H. Ita, M. Kraus, B. Page, E. Pascual, M. S. Ruf, and V. Sotnikov. `Caravel`: a C++ framework for the computation of multi-loop amplitudes with numerical unitarity. *Computer Physics Communications*, 267(??):??, October 2021. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0010465521001818`.

Alves:2020:GGF

[ADdM20] P. R. L. Alves, L. G. S. Duarte, and L. A. C. P. da Mota. The goodness of global fitting in the reconstruction scheme. *Computer Physics Communications*, 248(??):??, March 2020. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0010465519303765`.

Antoniadis:2022:UOS

[ADF+22] Antonis F. Antoniadis, Dimitris Drikakis, Pericles S. Farmakis, Lin Fu, Ioannis Kokkinakis, Xesús Nogueira, Paulo A. S. F. Silva, Martin Skote, Vladimir Titarev, and

Panagiotis Tsoutsanis. UCNS3D: an open-source high-order finite-volume unstructured CFD solver. *Computer Physics Communications*, 279(??):??, October 2022. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0010465522001722`.

Ambrogi:2020:SVL

[ADH+20] Federico Ambrogi, Juhi Dutta, Jan Heisig, Sabine Kraml, Suchita Kulkarni, Ursula Laa, Andre Lessa, Philipp Neuhuber, Humberto Reyes-González, Wolfgang Waltenberger, and Matthias Wolf. `SModelS v1.2`: Long-lived particles, combination of signal regions, and other novelties. *Computer Physics Communications*, 251(??):??, June 2020. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0010465519302255`.

Alexander:2023:HPS

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Anonymous:2022:EBb

[Ano22e] Anonymous. Editorial Board. *Computer Physics Communications*, 271(??):??, February 2022. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0010465521003532`.

Anonymous:2022:EBc

[Ano22f] Anonymous. Editorial Board. *Computer Physics Communications*, 272(??):??, March 2022. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0010465521003842`.

Anonymous:2022:EBd

[Ano22g] Anonymous. Editorial Board. *Computer Physics Communications*, 273(??):??, April 2022. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0010465522000145`.

Anonymous:2022:EBe

[Ano22h] Anonymous. Editorial Board. *Computer Physics Communications*, 274(??):??, May 2022. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0010465522000406`.

Anonymous:2022:EBf

[Ano22i] Anonymous. Editorial Board. *Computer Physics Communications*, 275(??):??, June 2022. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0010465522000704`.

Anonymous:2022:EBg

[Ano22j] Anonymous. Editorial Board. *Computer Physics Communications*, 276(??):??, July 2022. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0010465522001114`.

Anonymous:2022:EBh

[Ano22k] Anonymous. Editorial Board. *Computer Physics Communications*, 277(??):??, August 2022. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0010465522001503`.

Anonymous:2022:EBi

[Ano22l] Anonymous. Editorial Board. *Computer Physics Communications*, 278(??):??, September 2022. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0010465522001655`.

Anonymous:2022:EBj

[Ano22m] Anonymous. Editorial Board. *Computer Physics Communications*, 279(??):??, October 2022. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0010465522002028`.

Anonymous:2022:EBk

[Ano22n] Anonymous. Editorial Board. *Computer Physics Communications*, 280(??):??, November 2022. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0010465522002430`.

Anonymous:2022:EBl

[Ano22o] Anonymous. Editorial Board. *Computer Physics Communications*, 281(??):??, December 2022. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S001046552200251X`.

Anonymous:2022:F

[Ano22p] Anonymous. February 2022. *Computer Physics Communications*, 271(??):??, February 2022. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic).

Anonymous:2022:Ja

[Ano22q] Anonymous. January 2022. *Computer Physics Communications*, 270(??):??, January 2022. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic).

Anonymous:2022:Jc

[Ano22r] Anonymous. July 2022. *Computer Physics Communications*, 276(??):??, July 2022. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic).

Anonymous:2022:Jb

[Ano22s] Anonymous. June 2022. *Computer Physics Communications*, 275(??):??, June 2022. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic).

Anonymous:2022:Ma

[Ano22t] Anonymous. March 2022. *Computer Physics Communications*, 272(??):??, March 2022. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic).

Anonymous:2022:Mb

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Anonymous:2022:O

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Anonymous:2022:S

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Anonymous:2023:Aa

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Anonymous:2023:Ab

[Ano23b] Anonymous. August 2023. *Computer Physics Communications*, 289(??):??, August 2023. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic).

Anonymous:2023:D

[Ano23c] Anonymous. December 2023. *Computer Physics Communications*, 293(??):??, December 2023. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic).

Anonymous:2023:EBa

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Anonymous:2023:EBb

[Ano23e] Anonymous. Editorial Board. *Computer Physics Communications*, 283(??):??, February 2023. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0010465522003393`.

Anonymous:2023:EBc

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Anonymous:2023:EBd

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Anonymous:2023:EBe

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Anonymous:2023:EBf

[Ano23i] Anonymous. Editorial Board. *Computer Physics Communications*, 287(??):??, June 2023. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0010465523000784`.

Anonymous:2023:EBg

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Anonymous:2023:EBh

[Ano23k] Anonymous. Editorial Board. *Computer Physics Communications*, 289(??):??, August 2023. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S001046552300139X`.

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Anonymous:2023:EBj

[Ano23m] Anonymous. Editorial Board. *Computer Physics Communications*, 291(??):??, October 2023. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0010465523002230`.

Anonymous:2023:EBk

[Ano23n] Anonymous. Editorial Board. *Computer Physics Communications*, 292(??):??, November 2023. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S001046552300262X`.

Anonymous:2023:EBl

[Ano23o] Anonymous. Editorial Board. *Computer Physics Communications*, 293(??):??, December 2023. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0010465523002692`.

Anonymous:2023:F

[Ano23p] Anonymous. February 2023. *Computer Physics Communications*, 283(??):??, February 2023. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic).

Anonymous:2023:Ja

[Ano23q] Anonymous. January 2023. *Computer Physics Communications*, 282(??):??, January 2023. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic).

Anonymous:2023:Jc

[Ano23r] Anonymous. July 2023. *Computer Physics Communications*, 288(??):??, July 2023. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic).

Anonymous:2023:Jb

[Ano23s] Anonymous. June 2023. *Computer Physics Communications*, 287(??):??, June 2023. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic).

Anonymous:2023:Ma

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Anonymous:2023:Mb

[Ano23u] Anonymous. May 2023. *Computer Physics Communications*, 286(??):??, May 2023. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic).

Anonymous:2023:PN

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Anonymous:2023:O

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Anonymous:2023:S

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Anonymous:2024:Aa

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Anonymous:2024:Ab

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Anonymous:2024:D

[Ano24c] Anonymous. December 2024. *Computer Physics Communications*, 305(??):??, December 2024. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic).

Anonymous:2024:EBa

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Anonymous:2024:EBb

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Anonymous:2024:EBc

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Anonymous:2024:EBd

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Anonymous:2024:EBe

[Ano24h] Anonymous. Editorial Board. *Computer Physics Communications*, 298(??):??, May 2024. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0010465524000675`.

Anonymous:2024:EBf

[Ano24i] Anonymous. Editorial Board. *Computer Physics Communications*, 299(??):??, June 2024. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0010465524001000`.

Anonymous:2024:EBg

[Ano24j] Anonymous. Editorial Board. *Computer Physics Communications*, 300(??):??, July 2024. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0010465524001474`.

Anonymous:2024:EBh

[Ano24k] Anonymous. Editorial Board. *Computer Physics Communications*, 301(??):??, August 2024. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0010465524001784`.

Anonymous:2024:EBi

[Ano24l] Anonymous. Editorial Board. *Computer Physics Communications*, 302(??):??, September 2024. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0010465524001954`.

Anonymous:2024:EBj

[Ano24m] Anonymous. Editorial Board. *Computer Physics Communications*, 303(??):??, October 2024. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0010465524002340`.

Anonymous:2024:EBk

[Ano24n] Anonymous. Editorial Board. *Computer Physics Communications*, 304(??):??, November 2024. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0010465524002601`.

Anonymous:2024:EBl

[Ano24o] Anonymous. Editorial Board. *Computer Physics Communications*, 305(??):??, December 2024. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0010465524002911`.

Anonymous:2024:F

[Ano24p] Anonymous. February 2024. *Computer Physics Communications*, 295(??):??, February 2024. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic).

Anonymous:2024:Ja

[Ano24q] Anonymous. January 2024. *Computer Physics Communications*, 294(??):??, January 2024. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic).

Anonymous:2024:Jc

[Ano24r] Anonymous. July 2024. *Computer Physics Communications*, 300(??):??, July 2024. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic).

Anonymous:2024:Jb

[Ano24s] Anonymous. June 2024. *Computer Physics Communications*, 299(??):??, June 2024. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic).

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Anonymous:2024:Mb

[Ano24u] Anonymous. May 2024. *Computer Physics Communications*, 298(??):??, May 2024. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic).

Anonymous:2024:N

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Anonymous:2024:O

[Ano24w] Anonymous. October 2024. *Computer Physics Communications*, 303(??):??, October 2024. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic).

Anonymous:2024:S

[Ano24x] Anonymous. September 2024. *Computer Physics Communications*, 302(??):??, September 2024. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic).

Anonymous:2025:Aa

[Ano25a] Anonymous. April 2025. *Computer Physics Communications*, 309(??):??, April 2025. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic).

Anonymous:2025:Ab

[Ano25b] Anonymous. August 2025. *Computer Physics Communications*, 313(??):??, August 2025. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic).

Anonymous:2025:D

[Ano25c] Anonymous. December 2025. *Computer Physics Communications*, 317(??):??, December 2025. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic).

Anonymous:2025:EBa

[Ano25d] Anonymous. Editorial Board. *Computer Physics Communications*, 306(??):??, January 2025. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0010465524003412`.

Anonymous:2025:EBb

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Anonymous:2025:EBc

[Ano25f] Anonymous. Editorial Board. *Computer Physics Communications*, 308(??):??, March 2025. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0010465524004107`.

Anonymous:2025:EBd

[Ano25g] Anonymous. Editorial Board. *Computer Physics Communications*, 309(??):??, April 2025. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0010465525000207`.

Anonymous:2025:EBe

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Anonymous:2025:EBf

[Ano25i] Anonymous. Editorial Board. *Computer Physics Communications*, 311(??):??, June 2025. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0010465525000943`.

Anonymous:2025:EBg

[Ano25j] Anonymous. Editorial Board. *Computer Physics Communications*, 312(??):??, July 2025. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S001046552500133X`.

Anonymous:2025:EBh

[Ano25k] Anonymous. Editorial Board. *Computer Physics Communications*, 313(??):??, August 2025. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0010465525001687`.

Anonymous:2025:EBi

[Ano25l] Anonymous. Editorial Board. *Computer Physics Communications*, 314(??):??, September 2025. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0010465525002097`.

Anonymous:2025:EBj

[Ano25m] Anonymous. Editorial Board. *Computer Physics Communications*, 315(??):??, October 2025. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0010465525002917`.

Anonymous:2025:EBk

[Ano25n] Anonymous. Editorial Board. *Computer Physics Communications*, 316(??):??, November 2025. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0010465525003418`.

Anonymous:2025:EBl

[Ano25o] Anonymous. Editorial Board. *Computer Physics Communications*, 317(??):??, December 2025. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0010465525003881`.

Anonymous:2025:F

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Anonymous:2025:Ja

[Ano25q] Anonymous. January 2025. *Computer Physics Communications*, 306(??):??, January 2025. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic).

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Anonymous:2025:S

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Anonymous:2026:EBa

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Anonymous:2026:Js

[Ano26b] Anonymous. January 2026. *Computer Physics Communications*, 318(??):??, January 2026. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic).

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