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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/

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Title word cross-reference

$(1 + 1)$ [RF10]. $(A + \gamma UU^T), x = b$ [BF23]. (k) [YC99]. $(\lambda^2 A + \lambda B + C)x = b$ [SP02]. (m) [WOW00]. (Re $\leq$ 9500) [GHTW00]. 1 [GV16, HJLZ18, KNV+16, LW03, MMVW13, RMB00, SSN19, VB07]. 1.5 [KAU18]. 2 [ABST13, ACD+08b, BWV15, BLS14, BH97, BI09, BK14, CMV97, CD01, CGX21, KL15, KW07, KP06a, Kra09, KNV+16, Lam97, LRP07, LYL+11, LW03, LNS15, MT97a, NN03, Sma01, ZNZ16, ZND18, ZWZ19, vVKA11]. $2, 3, 4$ [Goe97]. 2/3 [DHPAH19]. $2m$ [Par24b]. 3 [BIA99, BIA05, CP13, CWL+14, CCC18, CDB13, CMSS06, CH11, DHM22, Don06, FMW19, GH13, GvR22, GD03, HA01, HHLZ21, KLZ22, KC16, Kra09, LS12b, LFJS14, LLLL24, Min02, PATF19, PTT20b, PS10b, PWGW12, PELY13, PRSS11, RY03, RL18, RH06, Sch05, WT23, WZC19, ZCW10, vdSF21]. 3/4 [LdGK20]. 5 [Goe97]. 6 [RY03]. ^{2} [MW13]. ^{3} [BOF16]. A [APSG14, APSG16]. A^{-1} [ADLR15]. α [BFM+04, BMM+10, PR09]. B [BGK15, KPP+16]. $\mathbf{H}$(curl) [CGZ23]. $c^* A^{-1} b$ [ST11]. C^0 [SXL+22]. C^1 [AP24, LR99, PMH+16]. C^∞ [Pla15]. D [AS18]. ℓ [MRS18, SvG10a]. ℓ^1 [GG19b, CJK10]. ℓ_0 [APSG14]. ℓ_1 [GNZC17, NNT13, CJY16, GLN09, HAS20, YZ11]. ℓ_{1-2} [YLHX15]. $\ell_1 - \ell_2$ [YSX17]. ℓ_2 [CXY10]. ℓ_p [CG19, CXY10, LMRS15]. ℓ_q [LMRS15]. η [CB98]. F [TCWW20]. $f(A)b$ [CAS11]. G [GXZ21]. H [DMMO05, ACK19, BHM25, Doh21, HMM+21, Ain96, BH12, CDB13, EOD93, GC97, HTB+05, LM21].

$H(curl)$ [LO11, WW25, WSP22]. $H(\mathrm{curl}^2)$ [ZWZ19]. $H(div)$ [Tal15, PKV24, DKL+19, KV12b, LMM17, WWY09]. $H(\mathrm{curl})$ [RKL09]. $H(\mathrm{div})$ [RKL09, WWY11]. $H(\mathrm{curl})$ [KVV23a]. $H(\mathrm{div})$ [KVV23a]. H^1 [BE24, DTYY18, JK11]. H^2 [AP24]. H^{curl} [JK11]. $\mathbf{H}_C/\mathbf{E}_I$ [RH09]. HP [Gia18, AGH13, CGP19, EPR10, FHL13, HXB13, PRS12, ZKN21, BDK+20, CDG17, DEV16, GL08, HHM17, PDTVM08]. I [May08]. ILU [ACD18, LSC03, OKLS15]. $\inf_{u\in U} H$ [CFZ25]. j [JF16, RY03]. K [ROO08b, ZWG21, Gre03, Joe93]. L [HO93]. $l-2$ [FNNB05]. $L1$ [LWZ17]. L^1 [DGP10, SWU16]. L^2 [EAS11, HCX22, MNvST13]. $L^2(H^1)$ [Pic10]. L^∞ [LQ24]. L_1 [RSNNR17, Tao22, WBS+17, FNNB05, YG15]. L_2 [HRT10, Tao22]. L_p [DF10, Lee21]. LDL^T [ADGP07, DHL20]. ≤ 1 [NPS22]. LU [DGHL12, LSS03, MG07, VM13]. M [HHK+24, HW99, Vir07, AMN15, BK17]. $\mathbf{H}(\mathrm{div})$ [KLL+16]. $\mathbf{R}^2$ [DW15b]. $\mathbf{R}^3$ [AB08b, GKD24, HS99b, PL12]. $\mathbf{R}^n$ [CBN02]. $\mathcal{C}$**Heart** [LCR+16]. $\mathcal{H}$ [BCK22, DHP17]. $\mathcal{H}^\in$ [Bör09]. $\mathcal{H}_\in$ [DJMR23, DGB15a, HM20b]. $\mathcal{H}_\in \otimes \mathcal{L}_\in$ [HMMS22]. $\mathcal{H}_\ell$ [BM12]. $\mathcal{H}_\infty$ [BM18]. $\mathcal{L}_\in$ [MG23]. $\mathcal{O}(\infty)$ [BMF12]. $\mathcal{O}(\mathcal{N})$ [BCK16]. MR^3 [WL13]. N [Alu96, BME93, KL00b, AE18, BOF16, BCI25, BEM94, HHK+24, GMS21, KPR25]. $N\log_2 N$ [FMP06]. $O(1)$ [ABL20a]. O(2) [WAS94]. $O(N)$ [GM14a, OKF14]. P [CK03, Ain96, BI00, BBR08, CG99, Cas97, CS16, FTY15, GC97, HKL23, HGK97, JP11, LLM+25, MSL13, MPV21, PP12b, RBG23, TB99a, ZK96]. $p+1$ [vNLB04]. $P^\mu_{-1/2+i\tau}(x)$ [GST09]. P_1^{NC} [Le 05]. P_1 [Kan03a, Le 05, WWM03]. P_N [HM10b]. Q [GMS21, MMRN15]. qd [von97]. QR [But13, BHK20, BMP25, DGHL12, DG17b, HvdG96, MOHvdG17, YTD15, YFS21, Nag93, Wat94, VD10]. r [EOD93, SSN19]. $r^{-\lambda}$ [CJ05b]. $\mathbf{R}^3$ [Atk94]. ρ [CFH+03]. s [Mou20, SvG08, Son12]. S_N [HSMT20, KR14, Lee10a, Lee12, Lee10b]. T [LZ13b]. τ [Ber97]. Θ [WL08, HWZ19, TSK09]. TV [CJK10]. V [BGP94, Kwa99]. ε [BRZ14]. φ [BKT21]. W [GPHHAPR18]. $w = f(A)v$ [TE07]. $X + A^T X^{-1} A = Q$ [GL10]. xx [CLQ12, CLW13].

-AAA [RBG23]. **-Adaptation** [DEV16]. **-Adaptive** [CDB13, FTY15, HHM17, EOD93, Gia18]. **-Algorithm** [VD10, von97]. **-Algorithms** [BRZ14]. **-Approximation** [DHPAH19]. **-Bit** [HJLZ18]. **-Body** [KL00b, Alu96, BME93, BEM94, AE18, BOF16]. **-Box** [LM21, BH12]. **-Conforming** [DMMO05, JK11, AP24, DTYY18, ZWZ19]. **-Convergent** [LQ24]. **-Cross** [GMS21]. **-curve** [HO93]. **-cycle** [BGP94, Kwa99]. **-D** [BH97, BIA05, CCC18, GD03, HHLZ21, KP06a, LS12b, RH06, WZC19, vdSF21]. **-Diffusion** [SSR21]. **-Dimensional** [RF10, Joe93]. **-Discrete** [LdGK20]. **-Elements** [AP24]. **-Equations** [GXZ21]. **-estimator** [HW99]. **-extrapolation** [Ber97]. **-Factorization** [VM13]. **-Finite** [GL08, PDTVM08]. **-Fold** [ROO08b]. **-Galerkin** [LWZ17]. **-Independent** [HTB+05]. **-Lagrange** [BLS14, KL15, LNS15]. **-Laplace** [CK03]. **-Laplacian** [BI00, CS16, HKL23, LLM+25]. **-Level** [KL15]. **-Matching** [KPP+16]. **-Matrices** [BM12, Bör09, Vir07, May08]. **-Matrix** [BCK22, BHM25, DHP17]. **-Means** [ZWG21]. **-Method** [PR09]. **-Methods** [TSK09, BGK15, WL08, GPHHAPR18]. **-Minimization** [HAS20, YG15, DGP10]. **-Multigrid** [HMM+21]. **-Multilevel** [BDK+20]. **-Norm** [BBR08]. **-Optimal** [APSG14, APSG16, AS18, HM20b, MG23].

-Problems [YZ11]. **-Projection** [EAS11]. **-Radius** [JP11]. **-Refined** [ACK19]. **-Refinement** [FHL13, TB99a]. **-Regularized** [CJY16]. **-Robust** [MPV21]. **-Scheme** [HWZ19]. **-Sparsification** [APSG14]. **-Splines** [LZ13b]. **-Step** [Mou20, AMN15]. **-symmetry** [WAS94]. **-Tensor** [MMRN15]. **-Tensors** [GMS21]. **-th** [PP12b]. [**?**]to-Ham:2024:ECA. **-TV** [GLN09, SWU16]. **-Version** [AGH13, CDG17, CG99, Cas97, ZK96]. **-Wave** [WT23]. **-Width** [KPR25, BCI25].

0D [ALT24]. **0D-2D** [ALT24].

1 [EO15]. **14** [BEM94]. **1M** [Van20].

2 [EO16a]. **2-Sphere** [Kog24]. **2000** [vdV01, vdVDE+02]. **2002** [vdVDE+03]. **2004** [Vas05]. **2008** [Tum10]. **2010** [TBC+11]. **2012** [Ben13]. **2016** [Ben17]. **2018** [Yav19]. **2021** [BD23]. **2022** [Sta24b]. **2023** [CM24]. **2D** [ALT24, BOB+19, ZFL25]. **2nd** [ZFL25]. **2nd-MGFM** [ZFL25]. **2V** [BOB+19].

3 [Bur97, NKTY08]. **3-D** [Bur97]. **3D** [KLRY25, Sar98, ST24, vLH14].

4th [MCV17]. **4th-Order** [MCV17].

5/CM [BP97b]. **500K** [ROM18]. **5E** [BP97b].

60th [PS97].

754 [MRV06].

860 [Rot96].

94e [BEM94].

A-Optimal [HAS20]. **A-Posteriori-Steered** [MPV21]. **A-Stable** [EG25]. **A-WENO** [WDGK20]. **AAA** [DNT24, NST18, RBG23, XWT24]. **AAAtrig** [Bad21]. **Abel** [HFL+16]. **Ablation** [CBK18]. **Abscissa** [MG12, Ros15]. **Absolute** [VK13, YYWY18]. **Absorbing** [ABK11, BHG14, FJ99, HY14, LZZ18, PJZ23, YWG21]. **Absorption** [LP96, MMMY96]. **Abstract** [Del14]. **ACA** [AKTW25]. **Accelerated** [AAAH+19, AKTW25, ACW21, BS25a, BY93, CW17, CKLL16, CHJ16, CML+18b, DMSW10, DGK21, DGY25, DL20b, DSL21, EG01, FMYT16, FSvdV98a, FP14, FG23, FZB20, KK09, LS23, MR07, NKLW94, NAC+15, NFFP18, PS10b, RHSK11, VFHG25, VTD12, ZCZ04, ZS25, ZW16, EB96, LK93, MW13, GHS+15]. **Accelerating** [BDM+18, BRZ14, CCEO24, CH18, CKBT16, DCP11, HOW17, IT09a, LRSV11, LY13, MG09, NKTY08, TMA18, ADRS95]. **Acceleration** [AGJG25, BGOD08, BKH+22, BCK21, BER17, CC03, DH21, Gar05, HSMT20, HHSW11, HBS00, Kaw17, LSV13, OW00, PR23, RWA95, SO15, TEE+17, VN03, WZ19]. **Accelerator** [XZL+25]. **Accessible** [KMA+12]. **Accretive** [DY23]. **Accumulation** [RW97]. **Accuracy** [ATWK19b, ALRT17, AIV98, BBMZ20, BP97b, BCCI98, BRK16, CGAD95, CFKM18, CLAT10, CK94, Cor98, DMPV08, DS95b, DS97, Dor10, FO19, GL22a, JZ00, LS09, LB06, LT20, MR02, MKRK13, NN03, NL20, PQOB14, RX17, RGOY10, RF07, Sch96, SMYS21, SZS97, Ske00, ZZK15, ZLLT15, ZMK17, ZXT+25, ZLJ96, Zin00, vHBTC12, vSRV11, Hig93]. **Accuracy-Conserving** [MKRK13, vSRV11]. **Accuracy-Preserved** [ZXT+25]. **Accurate** [AdWR17, ABMR11, ABHS22, AO07, ABIGG16, AP12, BOB+19, BS18a, BLYZ24,

BWV15, BM18, BK24, BHM20, BR09, CH17, CCL+20, Che05, CCC18, CSZZ20, DH03, Drm97, DKM14b, EE14, GBCT10, GST12, GCG+19, HG02, HT13a, HLW00, Hen06, HSY20, JL11, JF16, KP22, Kou09, KP05, KM12, KR12b, Kye12, Lau22, LG09, LD16, LWW22, LFBO08, LXYZ23, Luu15, MC10, Nit99, ORO05, PJZ23, PKR+13, Pol25, QSY24, ROO08a, ROO08b, Rum09, SL20, Sha21b, SL09a, SS23, SC02, TBM21, TB99a, TWZ21, TXZZ22, VPP05, WL97, WM05, WSGT24, WRS17, WS20, Wu21, Xia24, Yan21, YHSL24, ZCL+11, ZJC12, ZXY21, ZCP06, Zim14, ZPE12, vdVXX19, vWBV09].
Accurately
[Che16, DL20a, GSR19, MBKR22, WS15].
Achieving [BSA13, Ros05a]. **Acoustic** [AM19, ACHN21, BC06, BS06b, FKTW10, KRR23, Kös07, LLSX21, LH19, LXYZ23, Mal07, MZ94, QRV21, RZ03, SWB16, Smi97, Str99, WWW25, YWG21, ABMP22, YBM+18]. **Acoustics**
[BHG14, MBL+25, Nat98]. **Across**
[CLGR25, CYVK15, KM18, TLLK09, Lay06, LP06]. **Action** [AMH11, AM18, Ber98a, HK17, KR17, LYZ23, Ree24, RX18, WZ21a].
Actions [ACG20]. **Active** [AS22, BBK21, CDW14a, CDW14b, CKBT16, DTR21, DBK25, EPSS22, HSW08, KP11, LZMW20, Liu24, PST15, UWWP23, YYS16, ZJX14].
Active-Set [PST15, YYS16].
Active-Set-Like [KP11]. **Activity** [RC06].
Actor [ZHL21]. **Actor-Critic** [ZHL21].
Actuator [ABD+17]. **Acyclic** [GTMP07, HÖU+19, MZW09]. **Adams** [LM25]. **Adaptation** [AFMP15, BGGM22, CCPS20, Che94, DPF15, DF10, DEV16, DMRR19, Hua05, RH06, Wal99, WH15].
Adapted [AMP00, BQRS23, CCA03, DZ12, GHK14, Lab05, RHSK11]. **Adapting** [DBA19, HHMDC18]. **Adaption** [MP08].
Adaptive
[AB02, AGI10, AHK+17, ACD23, AMM+11, AD18a, AD19, ARM+19, AFOQ19, ABIGG16, AW15, AGL13, AD06, ABI00, BBSV10, BB13, BMNV20, BMNV21, BB17, BLH02, BG14, Ban08a, BH00a, BL04a, BO07, BM17a, BBC+01, Bas98, BC06, BBSW94, BBC+16, BL24, BC09a, BK06, BS16b, BZ12, BB15c, BB05, Bör07, BFM+04, BFM+05, BMM+10, BMV11, BTGH12, BWG11, BH16, CW22, CHR99, CSW99, CP03a, CR24, CKL24, CL24, CHW20, CD02, CWZ07, CCCZ10, CKLL16, CYHY24, CZ25, CVK13, CDB13, CHH10, CGP19, CM13, CVE13, CPB19, DMS01, DJMR23, DMM+08, DM13b, DDGS16, DHJW08, DL19, DKKP14, DLZ10, DZ08, DMD+12, DSL21, DGvdZ18, EGLS21, EFHT23, ES17, EV13, EHW00, EMT09, FUNB18, FLU+20, FTY15, FL18, FL02, FNTB18, FR23, FKK+14, FSD24, GYZ23, GT98, GG19a, Gia18, GKP24].
Adaptive [GB06a, GGPSV25, GCG+19, GJMM24, GGS08, GN22a, GM19b, GC17b, GML+21, GG10, HKO+23, HHM08, HS05a, HSK19, HHM17, HBB+16, HH02, HR99a, HW21, HKKR19, HKLW19, HKLW21, HKK+22, HKL23, HS25, HHP22, Hof05, HKB21, HEGH14, HJP04, HXX18, HJJ22, HS01a, HB97, HDF+19, HLZ19, HS94, HC20b, HLL+22, IJ08, JS93, Jah10, JTZ08, Jam98, JF11, JK11, JHJ12, JJK23, JlLGZ20, JP97, Jou94, JGZ06, KKV13, Kaw17, Kaw18, KGGS10, KV05, KKR16, KRT16, KY05, KHRvBW13, Kul12, KPP07, KO19, LG97, LMPQ03, LNP15, LLS22a, LS16b, LLLH24, LM14a, LZ21b, LYY24, LLM+25, LR25, LJL98, LCL18, LKK18, Liv15, LT14, Log03a, Log03b, LFLS08, LK04, LR98, Mac98, MNRI19, MS13, MT19a, MH17, MV09, MFJ19, MK08, MRW15, MPV21, Moo00, MTV16, MS20, MGH21, NKLW94, NZGK21, NJ14]. **Adaptive**
[OB21, OPRB06, OS15, PV25, PBP14, PDTVM08, PZZB15, PW15, Peh20a, PTT20a, PP05, PCL+16, PD15, QZT11, QDKW18, Rav02, Rüd94, SP03, SDNL10, SYZO15, SR18, SNB16, SXXN22, ST23,

SK23, Spi16, Ste00, SMN10, Str94, TW12, Ten98, TLT12, Tra95, TPW09, TY11, TLE12, WW22, WMC11, WMC12, WG18, WLLZ18, WDGK20, WCL+21, WCHZ14, WM11, WMUZ13, XS24a, Yu01, ZT17, Zas95, ZJC12, ZAD+16, Zha20, ZMS10, ZXH+24, ZRK15, Zie12, aKT18, dVPS+17, dLRT09, vdDA12, EOD93, FF94, HL97, NP96].
Adaptive-Krylov [LT14]. **Adaptively** [BCGR98, HG00, Lee14, MBKR22, RKLN07, TT06]. **Adaptivity** [BSX22, BS23a, BP13b, CGKM16, CEJ+10, CPB13, CM99, FDE+06, Har08, KMW15, MCB18, MHS98, Ree24, SV08a, WvdZSvB18, Yan18, vdZvBdB10a, vdZvBdB10b]. **Add** [BHL+20, Goe97]. **Added** [SBHS19].
Added-Mass [SBHS19]. **Additional** [UG19]. **Additive** [AP99, BV16, Bre00, BS23c, CS99, CL11, CGG07, GH99, GC97, HJN17, HL20, HMR09, Jay98, Kra12, KLL+16, LJ19, LSC18, LKBJ18, MMK23, NT18, Par24a, PS08, SCGT07, Vil14, Wan12, WGT14].
Addressing [BCI25]. **Adequate** [FH06].
ADER [AGI10, BCI22, TM14]. **ADI** [DMML05, TV98b, ZzSpH14]. **ADI-Like** [DMML05]. **Adiabatic** [Jah04].
Adjacencies [SRI+18]. **Adjoint** [ATK12, AHHR16, Bou01, BCCX21, CLPS03, CP04, CEJ+10, CSW14, FHFR13, FR10, HTMM15, LQH21, Sch05, SU15, TW13b, WLE+00, WMI09, YXTY24, ZS14, ZCS22, GGS19, Sta97]. **Adjoint-Based** [ATK12, CSW14, SU15]. **Adjoint-Oriented** [YXTY24]. **Adjoint-State** [LQH21].
Adjoints [FHFR19, HM10a]. **Adjusted** [CHW17a, CHW17b]. **Adjusting** [Ste02, Zha18a]. **Adjustment** [CLP08].
ADM [CE17]. **Admitting** [DMR17].
ADMM [FR19, SYY24, STY21].
ADMM-PINNs [SYY24]. **Adsorption** [BKBT18]. **Advanced** [HHR23, NP93b].
Advantage [MM98]. **Advantages** [AR99, KB08]. **Advection** [ADR14, ALLK15, ABK+24, AHH12, BSMM16, BCI22, CCL24a, CCEO24, FL19, GLR23, GHH07, GGS08, GSM20, HDF+19, KMER22, KG14, LW12b, LSV13, MRFV18, MS98, MYN20, NQE25, NN03, PDH09, PH13, SBP04, SWN20, SSR21, DFK23, SLZ+25, TZ18, TM14, WXK04, WDE+99, WL01, YVB98, ZK14a, Zbi11, ZJC12, ZRTK12, ZTM+16, PCDB96, PW12].
Advection-Diffusion [ADR14, AHH12, BCI22, GGS08, LSV13, NQE25, WXK04, WDE+99, ZJC12, ZTM+16].
Advection-Diffusion-Reaction [GHH07, PDH09, SBP04, TM14, ZRTK12].
Advection-Dispersion [ALLK15].
Advection-Dominated [KMER22, PCDB96]. **Advection-Reaction** [CCL24a, GSM20, WL01]. **Advective** [XCS16, ZYLW23].
Advective-Spectral-Mixed [XCS16].
Adversarial [Pen25, YZK20, YLG22].
Aeroacoustic [Dor10, RSA05].
Aerodynamic [Har08, HS06b, Haz08a, Haz08b].
Aerodynamics [SD21, Tsy99]. **Affine** [KA95, Kor93]. **after** [GB98]. **Age** [BF13, BDV24]. **Age-Structured** [BDV24].
Agglomeration [BCDE21, JV01].
Aggregated [BMV18, BMNV21].
Aggregation [BFM+04, BMM+10, CM09, Cho05, DMM+08, DMSW10, DMM+10a, FKK+14, GaP08, GV16, JKKM01, KW10b, MN08, NN17, Not12, PoH09, ST08, TAY+19, TY11, TY15, DS96]. **Aggregation-Based** [FKK+14, JKKM01, MN08, Not12, TAY+19].
aggregation-disaggregation [DS96].
ahead [FGN93]. **Aided** [HOY03, YTT21].
AIR [MRS18, MDA22, Par23, SSR21].
Airfoil [Yiu95]. **Aitken** [BGOD08].
Aitken-Like [BGOD08]. **ALE** [ADK+18, MRI21]. **Algebra** [HM20a, KM18, PSA99, RTR+16, LJ93].
Algebraic [AC05, AJS22, AJ22b, AJR23, AJNT25,

AM20, AS94, AP99, BQQ08, BGL08, BSH16, BS02, BFJ+15, BDO12, BBKS20, BFG+16, BGH+03, BHST08, BGS09, BBB+11, BB03, BBC07, BNN23, BF10, BK14, BCK+18, BCF+00, BFM+05, BTB05, BHP98, BK11, BHK+24, BEM17, CG95, CLPS03, CGL01, CC02, CH02, CS11, lCCVEKV17, CW93, CFH+00, CKK03, DMMO04, DMM+10b, De 12b, DM13b, Der08, DKL+19, Doh07, DHHR19, Elm98, Elm00, EN09, FS14, Gar97, GB98, GOS03, GPS95, GLMS22, GW00, HKR02, HR05, HTMM15, HMN+13, HS25, HvdG96, HTB+05, JFSO23, JR19, JJK23, JSV10, KR18, KKV13, KVV23a, KY03, Knu01, Kra08, KMRW97, LO11, LB12, Liv15, MO08, MFJ19, MFY23, MOSS17, MRS18, MS19, MMRS19, MV94, MB00, MBT21, Mis01, NN12, NN14, NAC+15, Not12, Not17, Not25]. **Algebraic** [Ols07, OST11, OT11, PRM97, DHM+23, PBV18, Pul08, RX17, RMB00, Sch05, Sch09, SS10a, SSR21, SH14, TAY+19, TPT+16, VV13, Vir07, VMOT25, WHCX13, WMSG09, WSGT24, WE06, YGB+05, Zas95, BHP94, HTW+12, Lam97, MT97a, MS93a]. **Algebraical** [WB99]. **Algorithm** [AKA13a, AKK14, AGVG24, AM18, ALLK15, AFK15, AFS19, And99, Ash95, AHHR16, AHK24, ABL+20b, Bad21, BB17, BS99a, BS02, BK98, BK99, BS05b, BS98, BCF01, BG24a, BDKR21, BG17a, BG17b, BI00, BC09a, BK06, BZ21, BR05b, BRR18, Boz09, BZ97, BVW03, Bru15, BDR18, BLNZ95, CZ10, CD15a, CMS94, CC08, CC10, CP03b, CK19, CDM+13, CHO12, CP15b, CRT11, CWD13, CSW10, DHN17, De 12a, DM13b, DZ12, DL20a, DP07, DDF00, DTR21, DF20, DPV05, DP20, DTV13, DHPAH19, DGLW16, EW00, Ein19, EL19, EHY21, EAA21, EBSS+11, Ett16, FL18, FS11, FP07, FJP99, GN16, GKRNS19, GJS19, GKS20, GL21, GH07, GH15b, GVP06, Gar97, GM21, GAMV13, GV13, GL03, GLR07, GM13, GS05, GKK10, GLC21, GMPZ06, GLN09, GDB+22, GdSW25, GrM10, HJN17]. **Algorithm** [HLD12, HT14a, HO18, HMST11, HHK+24, HHMS15, HJ07, HHSW11, HKO99, HL95, HvdG96, HWD02, HS06d, HOW17, HH16, HVW95, HR98b, HS01b, HHL15, HYC16, HMvdG18, HSW08, HGPM14, IJ08, JK07, JK15, JN10, Jou94, Kal20, Kas95, KV12a, KHRvBW13, KHRvBW14, LV98, LRSV11, LCN14, LCS+24, LLS13, LLS22a, LT09, LHN96, LZ99a, LZ99b, LGP14, LFJS14, LXV+16, LL25a, LYL+11, Lin16, wLxY00, LTzT21, LHL+22, LSZ23, LN23, LST+24, LB06, Liv08, Liv15, LWK+16, LR98, Lyo11, LLLL24, MG07, MG09, MG11, MMM+94, MK00, MBGV16, MV16, MN11, MBS22, MPRS23, NST18, NK15, NGX14, NCT99, Nov15, Oet99, OKF14, PKR+13, Par17, PGLD96, PSB+06, PTS23, Pet99a, PDMY14, QDKW18, Rav05, RSZ24, RC06, RNV17, RG20, RGOY10, RBG23, RC23, RHW24, Ruh98, RCLO18, SYEG00, SBK18, SSW21, SL20]. **Algorithm** [SBHS19, STY24, SX17, SW22a, SW22b, Spi16, SV08b, SV11, Str00a, SF99, SV25, SW10b, TN16, TZ18, TVV20, TCDS21, TD99, TMA18, VD10, VMG09, Wal14, WC00, WMI09, Wan13, WLLZ18, WYL+22, WC23, WMSG09, WYGZ10, WZF25, WMBT19, WL13, WWJ12, WC17, Wu18, WZ19, WZ21b, XK08, XYZ05, XAW17, XAKS23, YMW07, YZY09, YCC10, Yin09, You94, YWW23, ZNT+24, ZTK19, ZZ18, ZZSL25, ZYZ05, dMHJM00, von97, Alu96, BZ93, BPT93, BDP96, CGS+94, DS93, EB96, FGN93, Fre93, Kor93, Lan93, LV94, LL93, MMM+95, MMMY96, MS93b, NT20, NP93a, OS95, PS93, Saa93, Smi93, Wat94, LLS22b]. **Algorithmic** [APvDG12, HT16, Moo00, NL20, PXYY16, SW17, SYY24]. **Algorithms** [AB08a, AdVC00, Ain14, AMH12, AMHR15, ABB22, ABC+23, AS23, ACD95, ABD25, ACK19, BCGR98, BLPP24, BDS98, Ban10,

BH00a, BH20, Bar00, BHT09, BM05, BF95, BFK03, Bit99, BB15c, Bja19, BT97, BHM20, BTK19, BtVÇG+10, BM95b, BRZ14, BMV11, BHM19, BDG20, BWG11, CGK+98, CK02, CJH11, CGS02, CWC08, CCSS03, CH02, CKY98, CC12a, CD15b, CLLW20, CD01, CYVK15, CWY17, CRR18, CMM95, CDFQ11, DJMR23, DJ07, DAE02, DW17, DSC05, DMG+24, Dor98, Dor10, DW94, DG99, EHN12, EOZ94, EY07, FLX21, FMYT16, FWA+11, FSvdV98b, FW97, Fra98, FFS07, GaP08, GJSZ13, GLRS23, GLxY19, GTMP07, GST12, GGLT00, Goe94, GY09, Gon15, GG21, Gri94, GE96, GZT+19, HRV11, HM10a, HV01, HÖU+19, HK95, HW09, HMW07, IBWG15, IMS96, Jia14, JY21, JLZ25, JLM25]. **Algorithms** [JP97, KKK16, KCL16, KM97, KT15, Kar96, Kea97, KS94, KPL13, KK02a, KPP+16, Kir14, KEF11, LS99, Lan98, LCE22, LS94, LS22, LLLH24, LXES19, LZ21b, LGY+23, LGHL23, LK15, MCL19, MS07d, MNBK10, MO00, Mar09, MH16, MRS16, MT06, MLB24, MZW09, MS25, MS07e, MDG+18, MW16, NH13, NKGG21, NP25, PVK16, PH13, PSSW15, PBJ+96, PBC05, RNR13, RT05, RMD08, RKvdDA14, RGG15, Ros15, SKMF15, SIDR15, Sch19, SR16, SIS96, SRT23, SDH21, SXK17, SvG08, Ste01, ST98, SWU16, SW15, SW10a, Sun95, Ten98, TAHR15, VMV15, VFHG25, VD23, WLX+13, Wei99, WNC08, WSP22, WDT22, WWL25b, XB16, XJS13, XCLQ20, YG15, YZ11, YFS21, YLY24, YSZ14, ZT17, ZLLT15, Zha20, ZMqCS21, ZS25, dWPR20, vdDA12, BGP94, BME93, BEM94, Car93, CG93, EG93, Göt94]. **algorithms** [NP93b]. **Aligned** [GHL+23, GH14, GHS+09, MB13]. **Alignment** [NKGG21, ZZ04]. **All-At-Once** [YXTY24, lLN21, MPW18]. **All-Electron** [GHKL22]. **All-Mach** [AV25, BQRX22]. **All-Speed** [AIP19, CLLY20]. **Allen** [ALl19, HX21, HYW20, lLTZ21, LQZ22, ZD09, ZHY24]. **Allmaras** [DHE13]. **Allocation** [HS99a, SK23]. **Almost** [CPW15, DL17, FD03, Jah04, NV98, PWZ10, Sei23]. **Almost-Adiabatic** [Jah04]. **Almost-Invariant** [FD03]. **Along** [ODN17, BPPR24, BBT19]. **Alternate** [CJ95]. **Alternating** [BF06, CG18, DS14, EG25, GKK15, HV96, HRS12, JSZ22, KS23, LE24, LPS13, LDM00, Lui00, Lui01, MKB22, NWY10, NWY11, Rak21, RDB16, SL11, SMYS21, SS23, Sta94, WY12, WY13, YZ11, YYWY18, ZNZ16, Gar96, Li94, ST96]. **Alternating-Direction** [BF06, HV96, JSZ22]. **Alternative** [JSZ13, May05, Rah13, SV23a, Wal14]. **Alternatives** [HvdV03]. **Always** [NPS22]. **Ambiguity** [BBC+21b]. **Amenable** [NPS22]. **American** [AO07, GMP19, HY08, HFL11, IT09b, KL11, Toi08, dFL05]. **AMF** [GPHHAPR18]. **AMF-type** [GPHHAPR18]. **AMFR** [LSPRV21]. **AMFR-W** [LSPRV21]. **AMG** [BFJ+15, BBKL11, DDF21a, Ema10, HV01, IFSJ21, KV12b, LSY21, PS11b, TB24, Vas10]. **AMG-DD** [BFJ+15]. **AMG-DD/AMG-RD** [BFJ+15]. **AMG-RD** [BFJ+15]. **AMGe** [lCCVEKV17, BCF+00, CFH+03, HV01, KLV+16, Wab05, JV01]. **AmgX** [NAC+15]. **AMP** [SBHS19]. **Ampère** [PTvR+14, TKCC13, DL19, BATI25, BH23, BW09, Fro12, HCX22, NN19, PBtTB+15]. **Amplification** [DMBB10]. **Amplitude** [AIL05, GBS+22]. **AMPS** [YPHH17]. **AMR** [BH17]. **Analogue** [RT11]. **Analyses** [ABD25, MMT15]. **Analysis** [AV14, AdVC00, AB19, AA00, AKW17, AW20, ABC00, AKMRB22, ASZ07, ACF09, AHK24, AKMW25, ABTZ14, BA05, BHN10, Bar12b, Bar05, BW00, BPB07, BW11, BM05, BBR04, BHL+20, BCM11, BR18, BVV08, BGP94, BDV24, BHM19, BHM+21, BS06b, BT16, BDS20, BDW11, CKOR16, CLPS03, CH17, CRS+18, CP03a, CJ09, CDF18a, CW97, CFKM18, CGSR20, Cha18, CRS21,

CABZ25, CL18c, CV94, CIZ16, CWY17, CG10, CLN12, CAG+19, CHM21, CWG10, CBF17, CE16, CHKsL20, CSW14, DD23, DHL21, DEM+20, Den97b, DJ07, DH95, Di 95, DKKP14, DFH+19, DT00, DTM05, DHP17, DKSW19, DMSC18, DGN25, DP03, DMM18, DMM19, DHE13, DP16, EPSS22, EFFM25, EH18, ES18a, EMT09, FUNB18, FHL+23, FMRR13, FCZE14, FDH+20, FK25, FMB13, GS98a, GV07a, GJSZ13, GN16, GLRS23, GT24, GH15b, GGL09].
Analysis
[GLS08, GPW22, GB06b, GGKM07, GKT09, GV07b, HMST11, HTMM15, HvBW23, HRD21, HHvR03, HO96a, HSN+20, HM19a, HM20a, HL98, HLT16, HLNS19, Hös94, HK95, HV04, Huc08, HCP+23, IHTR12, JMN01, JG02, KO05, KH22, KSB11, KY03, KGR16, KH18, KRGO19, LQ19, LSV17, LRW96, LNP+07, Le 05, LRP07, LP08, Li99, LSN17, LZZ18, LZ21b, LW15, LS05b, LC05b, LW04, LR20b, LX16c, MMPR93, Man95, MRFV18, MB02, MM25, MSS10, MBT21, MT24, MEHL16, MW08b, MMS05, Mit23, MN08, MNZ15, NM13, NN05, OC03, OW02, PMCA15, PTS23, PVC17, PR22, PV15, Rei20, RWKW14, RGOY10, RGG15, RX18, RLC08, SBHS19, SW22a, SKJ+13, SV08b, SV11, SNB08, SD21, SW15, TW13b, TBH23, TV93, TW93, VXCB16, WC03, WL08, WRSZ18, WLZ23, WW25, WLY25].
Analysis
[WB00, WSP22, WOW00, WO01, WW03, WTWB09, WE06, WZ15, WX17, Xie05, YPN+01, YFS21, Yiu95, YWW23, ZTK19, ZCZ04, ZMS21, ZCS22, ZC25, ZF09, ZPE12, dLRT09, dlRRG19, vGEV07, MP94, SA97].
Analytic [Bar14, KBV09, LCD14].
Analytical
[BK04, CFH19, GKD24, PHA18, Sei23].
Analytical-Numerical [CFH19].
Analyticity [GJ05]. **Analyzing** [SAY03].
Anchor [BTY08, LT09]. **Anchor-Free** [BTY08, LT09]. **Anderson**
[BCK21, DJMR23, DH21, EMM+99, FZB20, LSV13, PR23, SBR06, TEE+17]. **Angle** [DDF+21b, KR18, LZ25]. **Anisotropic** [ABBM98a, ABBM98b, AFMP15, AP99, BS08, BL23a, BS25a, BP13b, Cao07, CPB13, CMK11, CDN16, DPF15, DMRR19, DFL20, DW05b, DK03, GMS02, GJZ18, GE25, ISG15, KLY19, KKR21, LZ21a, Lee10a, LPP09, MS13, MV94, MP08, MK96, MMV98, Pic03, Pic10, PABG11, Sch98, TLLL23, TLE12, WH15, WYT18, WY19, WSGT24, Win10].
Anisotropically [GHH07, TS24].
Anisotropy [BT99, GHL+23].
Annihilation [XS24a]. **Annuli** [PGSO24].
Anomalous
[CK17, CLAT10, CHL16a, CHL16b].
ANOVA [BPS22, CRO23, ZCK12].
Antarctica [HPR22]. **Antenna** [ATV07, BH07]. **Anti** [dAFR25].
Anti-Gauss [dAFR25]. **Antidiffusive** [BCV13, MS98]. **Antipersonnel** [XK08].
Antiplane [GT98]. **Antireflective** [CH08b, SC03]. **Antoulas** [DJMR23]. **Any** [Ain14, AGK18, Bja19, CCF14, PCFN16].
AONN [YXTY24]. **AP** [Jin99]. **Aperture** [BL03a, BHR23, YY25]. **Application** [AdSGC12, ABdSF15, AKW17, AMH11, ACG20, AH20, AHDK14, AWA+18, ALM22, ACCP13, BG22, BLV17, BGL+21, BBH18, BCC20, BG05b, BHL+20, Bla03, BLGL11, BBMR03, BCY21, BDR18, BTGH12, BTGMS13, BG13, BFSN08, CGL+12, CGO22, CCG14a, CTB15, CM98a, CM98b, CH17, CABZ25, CLXY25, CS18b, CBK18, CDS24, CHKsL20, DMM+08, DOKM22, DKL+19, DKO12, DCSO10, DKS21b, EBSS+11, FVV21, FHL+23, FDFW07, GLM22, GTMP07, GM21, GSV20a, GGOY02, GV13, GRL10, GW98, GJMM24, GJ07, GL10, GC16b, HKA+21, HSS08, HKL23, Hen05a, HDZ16, HPZ19, Hir24, HBSC97, Hua05, HTH+16, Hwa07, ISG15, KXZ24, KOV15, Kra12, KLL+23, LQ19, LCH09, LSV17, LLS13, LLS22a, LW12b,

LW14, LYL+11, LJL98, LCH99, LPP09, MR04, Man99, Mar01, MWBG12, MMV98, OS14, OBP+24, OW00, PGLD96, PS19a, Pel18]. **Application** [PTSA23, PMSG14, Pic03, PQR20, PP13, PS10b, QZZ19, RWA95, RDB16, RSA05, SBK13, SGS22, SCM10, SP02, SO10, SF99, TP18, TET10, TZ14, TTY16, TYUC19, VFHG25, Wab05, WRB+15, WFG+20, WCG23, XYGO01, XYZ05, YSX17, Yan14, YZ05, YPHH17, YR12, ZHQ20, de 99, Ber97, CSS93a, DG95, MMPR93, YGCP96]. **Applications** [AE18, AKM+14a, ACK19, AHK24, BF01, BOR97, BGGM22, BTY08, BM10b, BR09, BC09b, BP22, BHM25, BGMW17, CB98, CEOR18, CGZ23, CIZ16, CWY17, CL08, CL21, CFM96, CGI11, CDW14a, CDW14b, CGMV05, CST16, DEM+20, DF20, DTV13, DGSW10, DMM20, DRW20, DW05b, DSL21, ERSZ17, Ema10, ES00, FMYT16, FKTW10, FFSS13, GaP08, Gar00, GRPG01, GU17, GLW18, HT09, HKSS25, Hri03, Hri05, HS21, HiH18, Jia14, JZX+21, JLYZ23, JED10, KK18, KR17, KPÇA12, KVMK01, KLL+16, LP25, Lee13a, LZ01, LWYxY18, LTG22, Log03b, LSN25, LD04, MRFV18, MSL13, MSW05, MZDK22, PPS22, PH13, RGG15, Rub12, RCLO18, RKW20, SM17, SPS18, SZ06, SY10b, SY12, SW16, SZ00, SS03, SZS97, Smi97, TPT+16, WS07, WS06, WBM+25, WM05, XZ10, YMM14, ZWH+14, ZWZ19, Zyg11, dAFR25]. **applications** [CC96, LCW95]. **Applied** [AA13, BLS14, BMV13, Bur23, CV07, CBS00, DDGS16, DLM16, DHJW08, DHE13, GLOR16, HML+04, HLP08, KLW24, KM98, LP22, LBBG24, MNS07, MP20b, NM13, PKD13, Ser06, VSBH99, ZG23]. **Applying** [CHH19, Che16, DJ07, GH25, SS10a]. **Approach** [AK09, AL24, AJ22a, AP97, ATV07, ACW12, AB21, ALZ14, AdSK19, ALM22, ADLW19, BCS07, BDM+18, BBH+25, BO06, BBW24, BC02, BLMS21, BLMS22, BTY08, BHST08, BCCX21, BGR16, BP06, CF07, CW14, CS18b, CV94, lCCVEKV17, CN10, CH09b, CRV13, CE17, DHS22, DGS08, DTR21, DMN08, DP03, DCL+21, ESdOCP23, EVLW17, EK14, EK10, FR10, Fli13, For95, FNR25, FKRH22, FGH+08, GMP19, GB98, GM20, GK98, GLT09, HNU23, HKLW21, HHvR03, HW03, HT16, HM19a, HTW+12, HLE+25, HSTH18, Hor10, HC98, HCL23, HLZ13, HSY20, HSSZ09, IT09b, JK12, JR19, JZ13, KV20a, KSHMC23, KR23, KHE07, KSD10, KY03, KLT06, KL13a, KS15a, KRDL18, KSW20, KZ16, KBP17, LCG21, LPP19, LSN17, LLSX21, LVR24, LW15, LW12b, LL20, LW20a, LB07, LB08, MT19a, MFJ19]. **Approach** [MKWG15, MO10, MDM15, Mis01, MR18, MM07, NBT24, NL20, OS14, OB08, PVV11, PSLG14, PQOB14, QGVW17, RWDL19, RS02, SCC17, SYY24, SB15, TGS08, TPT+16, VS17, VO19, Vog16, WL04, WZB+23, WE13, WBS+17, WLZ23, WP98, Wic17, WB08b, XKKN22, YY18, YBM+18, ZK14c, Zen16, ZCE06, ZH09, ZV22, Zim14, ZVF18, dFL05, dSK11, vdZvBdB10a, vdZvBdB10b, LL94, RG94]. **Approaches** [CL22, CS23, CSW14, GJSZ25, KRR23, KY19a, LZ04, SW09, WBM+25, ZLLT13, DS95a, Rot96]. **Approaching** [CDI+25]. **Approximants** [GSS12]. **Approximate** [AP14, ABK+24, ABC00, BMT96, BT98, BT00a, BCT00, BBFJ16, BCFJ19, BB05, BC13, BT99, BT01, BGMR01, BJW18b, BH14b, CDGS05, CBG12, CK23, CBCR14, CS97, CS98, Cho00, CPD17, CST+13, DKDH20, DH16, DOKM22, DW05a, EHS+05, Ema10, GWMG03, GSM24, GNL14, GS98b, GH97, GNYZ18, Gur04, HC05, HLR18, HWS05, JFG15, JP08, KRT16, LRW96, LGY+23, LK21, LGCL21, MG09, MRS18, MXB15, MMA98, NP10, RT10, Reu99, Saa03, SE11, SE13, VCS24, VBA18, VW98, WZ03, WG20, ABS96, EOD93, SS93b, KM97].

approximate-factorization [SS93b]. **Approximate-Inverse** [GS98b]. **Approximating** [AD21, GKNW18, GWBW22, HMAS17, JRGPR25, OSS22, Ree24, Wal24]. **Approximation** [AN17, ACD23, APZ13, AG18, AJ21, AD25a, ADKM03, ARM+19, AHPG24, AT19, ADS21, AFRV19, ABB23, ARM23, Bad21, BG14, BGN07, BGN08, BPS22, BW20, BEKK24, BG98, BEHR24, BBKT15, BG17b, BBH24, BSX22, BS23a, BB15c, Bja19, BKS16b, Bör07, BHH24, BP13b, BKS25, BGH23, BHW99, BF24b, BTGH12, BFI07, CGGP19, CGGGS15, CLL20, CZK15a, CNP12, CKL24, CH08a, Cha07, CL23, CSZZ20, CZ23, CRO23, CV25, CL08, CL21, CKO15, CMM95, CE16, CPB19, DU19, DLY16, DB94, DP20, DQQ13, DHPAH19, DKS21a, DKS23, DFW21, DNT24, DGB15a, DGB15b, DHO12, DD25, DL24, EL03, ERL22, EIJH20, EIL01, FV06, FS05, FNTB18, Fis19, FT03, FDFW07, GJ08, GSWZ20, GHHK15, GS18, Gee19, GPW22, GI17, GN19, GC19a, GOS12a, GG21, GT94, GG09]. **Approximation** [GOV06, GCD18, GPSY17, GNPT18, GdLP+18, GNYZ18, HVK18, HLW00, HC18, HR99b, ILW17, IM98, JNZ17, JK07, JP16, JKL22, JSPC97, JKY21, KK18, KR14, KLS+15, KK13, Kaw17, Kaw18, KPP+16, KP21, KK09, KS11, KG18, Kra12, KLL+16, KVV23b, KKK18, LMM18, LPS10, LLW16, LZZ18, LSY19, LWW20, LL25a, LSM22, LSG24, LCL18, LYLC21, LLJ22, LDX25, MK24, Mar01, MRT00, MKB22, MNvST13, MR94, MPV25, MNZ15, NZZ06, NST18, NJ14, NCCR22, NSK10, PN25, PSA99, PPT11, PSSW15, PCD17, PC98, QRV21, Rah96, RO15a, RW07, RC23, RAT18, SStM23, SY10a, SY08, SX16a, SX17, SZ00, SP16, Sta24a, Ste99, ST11, Str00a, TE07, TWK18, TWJ+23, TYUC19, WR13, WLE+00, Wan12, WH15, Wat04, WZF25, WY09, WSX17, XL18, XKKN22, XAKS23, XWT24, YSX17, ZKN20, ZZ22]. **Approximation** [ZZL22, ZRK15, Ain96, AE95, McG95, NT20, NCV06]. **Approximations** [AP24, AD19, ABHS22, ABBT+20, BKMR25, BH14a, BKS16a, BDZS24, BKFG19, Bru15, CR23, CKK20, CAS11, CXZ25, CGP22, CJ95, CM13, CHH01, DDLP25, DD13, DL20a, DMSC18, DF21, EZ11, FLU+20, FWA+11, FJHM19, GMKJ+24, GP99, GT06, Gos12b, GMS02, GPT22, HHS+16, HMAS17, HM19b, HBS00, KP09a, KM97, KS99, KL05, KD20, Kog24, KEC23, LP25, LLM+25, MMZ03, MS13, MW22, MSK25, Nap23, RT01, RPM23, SL10, SSC+15, SCW+17, Str99, Tal15, WGT14, Xia24, ZD09, ZS25, ZNX14, vdEH05]. **Approximative** [KKS08]. **APTT** [ZXT+25]. **ArbiLoMod** [BEOR17]. **Arbitrarily** [DS16, GZW20, GHS+09, HN19, KMV99, KZ16, LYZ20, LB25, RMB00, SLZ+25, Yan22]. **Arbitrary** [ADR14, AAD11, AS16, AD18b, ACK19, AIV98, BEOR17, CL10, GHL25, GPSY17, HS24, ISS19, JM18, KPS19b, LZ25, MBGV16, MH16, MYN20, NSK10, PP97, RT99, SG04, TC12, WK06, Wan22, YYY11, ZC24, ZC25, DR93a]. **Arbitrary-Angle** [LZ25]. **Arbitrary-Order** [AD18b]. **Arbitrary-Precision** [JM18]. **Arc** [CDM+13]. **Architecture** [DMG+24, KLW24]. **Architectures** [AHK+17, ABC+14, CP95, DBA19, EERT23, GV15, Gon15, GKN18, HWD02, LD11, PDE+17, PK19, Pip13, PR96, RTR+16, TD99, YS16, BPT93]. **Arclength** [LMR97]. **Area** [KEF11, PP97, SCDM+10, ZF14]. **Areas** [MDA22]. **Arising** [ABBT+20, BGL08, BSSW13, BLM22, CCQ16, CHH10, DHM22, FGS14, GHN01, GV98, GN23, GLMS22, HL10, HZ16, HL17, HLM16, LSZ23, PNW16, PS13, DHM+23, RG07, RH09, Slo02, WW03, WJS23, ZFwCW15]. **Arithmetic** [ABB22, AT15, BCK22, CJ09, Drm97,

FHL+23, GLC21, HJ18a, HP19, HP21, JK12, JF16, KMT24, Kri25, MM25, ZX24]. **Arnold** [CGP12, GK18]. **Arnoldi** [BS05a, BG17a, DCP11, EPE05, ELM21, GN14, GT94, GS24, JMR17, LPS10, MY18, SSW98, TBG25, TT96b]. **Arnoldi/Lanczos** [GT94]. **ARock** [PXYY16]. **ARPACK** [WT01]. **Array** [IS17]. **Arrays** [BBH+16, KK09, ZMqCS21, OA93]. **Arrival** [RMD08]. **arrivals** [CC96]. **Art** [GMSB16]. **Arteries** [LQC23, SZZ21]. **Artifacts** [CDBH16]. **Artificial** [Dor10, DL24, GMS02, HC20b, JLLY24, LN03, SM19, SD11, Tsy97, ZWK+25]. **Ascent** [DZ12]. **Asian** [Mar03, dFL05]. **Askey** [XK02]. **ASKIT** [MXB15, MXYB16]. **Aspects** [PF94, SW17, SD10, Huc93, RST93, Sun93]. **Assembling** [Pet99a]. **Assembly** [AAD11, CGO22, RKL09, WH09]. **Assessment** [ANP00, Toi96, VBA18]. **Assimilation** [BDV25, BZ97, BGR16, CHL20, CH09b, GLS08, GS12, KXZ24, LGHL23, MZM25, PGLD96, RSNNR17, RLG98, SKT25, TP18, TZ18, ZFHS15]. **Assisted** [CVE13, KRRB25]. **Associated** [DB94, FK25, LLM+25, RC06]. **Astronomical** [CJN13]. **Asymptotic** [AIP19, AT20, AKLP10, BLR14, Bur97, CKK20, CH08a, CGK13, CG24, CDN16, DGS08, DH21, DLV17, DPS18, GK00, HG98, HT14b, HW14a, HC25, JMN01, Jin99, JS10, JW13, JLP18, Kla98a, KH18, KLLM22, LS12a, LFH19, LM08, Liu20, LS23, MBS22, NBA+14, PL21, PDA09, SL09a, SM18, SZW20, SV25, TWZ21, WY19, YJ13, ZZX23, BW93, TR93]. **Asymptotic-Induced** [Kla98a]. **Asymptotic-Numerical** [GK00]. **Asymptotic-Preserving** [AIP19, BLR14, CDN16, DPS18, Jin99, JS10, JW13, JLP18, LFH19, LS23, MBS22, WY19, YJ13, LS12a]. **Asymptotically** [APZ13, BV98, CF23, GDC+23, HM20c, WZ18]. **Asymptotics** [Gar94]. **Asynchronous** [AAII98, FR19, GBM22, GBC+20, GKL08, HSF23, HKT01, KN21, LMPQ03, MGB18, PXYY16, VAF+24]. **Atmosphere** [GKC13]. **Atmospheric** [BZ97, FL19, GC16a, GRL10, JSPC97, LCH09, NL20, RW97, TGS08, YC14]. **Atomic** [CDS98, ZCHO24]. **Atomistic** [OZ16, Sha12, WLLZ18]. **Atomistic/Continuum** [OZ16, Sha12, WLLZ18]. **Augmentation** [KNN12, NQE25]. **Augmented** [AVBTG17, And17, AT23, BR05a, BW21, BO06, BW11, BKS25, CJY16, DGRZ15, DLP+21, FMW19, FGO20, FGM08, FL08, GDX25, HVK18, KS13, LFM22, LBYT24, LBF25, OB08, PSLG14, hSSW23, TBG25, Vog16, WZC25, Wic17, XXZ20, YPHH17, ZL25, AF15]. **Augmented-RBF** [AF15]. **Authority** [FLM+05]. **Auto** [Der08, MW13]. **Auto-accelerated** [MW13]. **Autoassociative** [SAY03]. **Autoencoder** [BGH23]. **Automated** [BL04b, DJ07, FHFR13, FHFR19, GGOY02, KXS18, MGG19, MBM+16, ØLW08, RL13, VR16]. **Automatic** [Bal00, BBR04, BV00, CJK10, CV98, CJ99, DM16, GM00b, HHR23, HS18, HBSC97, JK15, KFM25, NRO22, NTZ+25, PT08, QDKW18, Sar97, SSW18, Sch18, SIS96, XC13, AMB+94]. **Automatically** [ADGM98, Gu93]. **Automation** [FCF14]. **Autonomous** [VFHG25]. **Autotuned** [DCP11]. **Autotuning** [HEGH14]. **Auxiliary** [BBH20, CS18b, CS20, Fu21, HSY20, JY21, KV20b, KV12b, Lee13b, LL20, LSZ23, Tap22, WHCX13, ZZSL25, HS21]. **Avascular** [BCG+10]. **Average** [DSS20, Kaw17]. **Averaged** [DHE13, GG05]. **Averages** [ADH99, BBT11, KOSB16]. **Averaging** [CP05, CP07, RHW24]. **Avoid** [May08]. **Avoidance** [AS21]. **Avoided** [BG11]. **Avoiding** [BMP22, CKD13, DDF+21b, DFDM19, GM15a]. **Aware** [AAB+16, ABST13, ABD25, GMPZ06,

LGH+13, TPQD22, Til15, YY25]. **Axis** [Zhe07]. **Axisymmetric** [GGZ02, KCL16, Kup98, LZG+25, MCT+05, Nit99, QRV21, Ros05b, ZFL25].

B [CML+18b, KFR21, PG22, Red99, VHSP20]. **B-Spline** [Red99]. **B-Splines** [PG22, VHSP20]. **Backprojector** [DHHR19, EH18]. **Backscattering** [TBKF14]. **Backward** [BM17a, BGS17, BPR16, BRR18, CKOR16, CHM21, DP16, FK25, GPW22, GGL07, GM11, HM20a, HLY13, JSZ24, Kas95, MO10, MT06, PS02, TCY25, ZZ22, ZCP06, ZFZ14]. **Backward-Facing** [GM11]. **Balance** [BLMR02, DKDH20, KW10b, SSB08, PSB+06]. **Balanced** [AL24, ABB+04, ADGP25, BKS16a, BBF+22, BMMM08, BL05, CCCC+24, CCKP21, CCM08, CK15, DEN21, DRFNP07, DQ22, GCD21, GdLP+18, HSS08, KPS19b, KLLM22, LSG24, Liu20, LXL11, OPR23, PN19, TKK16, YLF23, ZZZZ25, Gos12b, LB25]. **Balancedness** [WX21]. **Balancing** [BMP14, BMP16, BO17, Bas98, Ben01, BHM19, ÇKAA22, GGB22, GPTV15, KR12a, KWG+20, NV05, Ten98, WC00, ZT17]. **Ball** [BT20b, KMMS25, LLZ09]. **Balls** [BLMS21, BLMS22]. **Banach** [MPRS23, NS21, YZ05]. **Band** [BF01, DJP00, GG09, ORS25, TLLL23, Wil09, CN93, CT94]. **Band-Limited** [GG09]. **band-Toeplitz** [CT94]. **Banded** [Lan19, LNC05, MKSG10, Mor23, PS18, VD23, BW93, Lan93, Tre93]. **Bandit** [XKKN22]. **Bandit-Learning** [XKKN22]. **Bandlimited** [BR14]. **Bands** [GT98]. **Barotropic** [CDF18a]. **Barrier** [BCI25, BK20, DMM+16, KM18, Lu95, ZK14c]. **Barriers** [LM21, MJR05]. **Barycentric** [AH18, BHK14, FNTB18, SV13, WTG12]. **Based** [ACVZ12, AGI10, AG25a, AGSS19, AMM+11, AdVC00, ABC+14, AKA13b, ALLK15, AHT12, ALMR17, APU24, AT19, AdWGV+20, AKMRB22, AB08b, ABE+17, AWA+18, ADH99, ATK12, ACF09, ADLW19, BQQ08, BMNV20, BMNV21, BF01, BCR11, Bar12a, BCMW20, BMaK19, BS16a, BB08a, BOF16, BN98b, BzCS11, BGRS24, BGGM22, BSS09, BSSW13, BG21, BO06, BW11, BBW24, BC09a, BPS13a, BGPS21, Ber00a, BV20, Ber98b, BCJ+21, BLP14, BEA+25, BDvdG05, BI09, BHST08, BG20, BCCK16, BS05f, BZ15, BQRS23, BSM24a, BBT11, BCF+00, BH23, BRDQ24, BTGH12, BGL06b, BH17, BGMW17, Buv20, CCM05, CL11, CDBH16, CHV+18, CCJ21, CPP+17, CB98, CHR02, CGC21, CEJ+10, CBG12, CV07, CKD13, CHP20, ÇAK11, CD13, CMO+23, CGM99, CMM00, CC03, CKXZ18, CD20, CS23, CL18c, CCA20, CCFG23, CBS00, lCCVEKV17]. **Based** [CJK10, CAG+19, CBF17, CDN16, CSW14, AGJT21, DHS22, Dk00, DL20a, DMBB10, DL23, Doh03, DPW19, DHP17, DGB15a, DWW23, EHS+05, EOZ94, EOV05, EN08, EK14, EHLW20, FO08, FLX21, FWA+11, Fra98, FV01, FN94, FM07, FM99, FKK+14, FGH+08, GVP06, GSWZ20, GHHK15, GJSZ25, GL18, GLS13, GC16a, GLQ16, GHKF22, GY05, GSS00, GST23, GBDD10, GCD18, GT19, GHS+09, GMPZ06, HKYY16, HKF+13, HNU23, HH13, HKR16, HRT13, HS06c, HTW+12, Hof04, HLZ19, HLZ25, HZKK25, HR99c, HJMS07, ILW17, ILK05, JZD25, JKKM01, JKY21, JMNS16, JSZ24, JS10, JLM25, JV01, Jou94, JGZ06, JK00, KXH21, KV20a, KVV23a, KKP14, KH14, KB08, KMW15, KA95, KM97, KASL21, KRR23, KMR01, KHE07, KLW24, KWG+20, KKT19, KKKK24, KK25, Kra08, KBP17, Lan98, LLHF13, LS95]. **Based** [LZ17a, LFB13, LNP15, LN17, LM08, LT09, LX14, LFJS14, LJ17, LSY21, LYY24, LLL08, LL08, LJ95, LYLC17, LSZ23, LST+24, LM25, LRS25, LKvBW10, LFBO08, LZ04, LWSP22, LLLL24, MFJ19, MOSS17, MRS18,

MMRS19, MO00, MCB18, MO10, MR18, MFPG18, MWY17, MHS98, MN08, Nap23, NXDS11, NPS22, NMWI11, NK13, NSJ03, NRSD18, Not12, NLY23, OS14, PKR+13, PL21, PQOB14, Pic03, Pla98, PMSB12, Rad16, Ree24, RW21, RSZ24, Rei21, RBH06, RG98, RSW10, RBS25, RNR13, RC23, RS13, RLM+00, RAT18, ST16a, SV23b, SS25a, Sco17, Sha12, SM18, SDNC20, SP16, SZP19, SSF16, SU15, Ste00, SL09b, SL22, TLN14, TW13b, TCDS21, TAY+19, Til15, TTMA22, TY15, Tre25, VHSP20, VMM13, VFHG25, VO19, VW94, WWY09, WZET13, WDG+18, WDGK20, WC22, WZ22, WWW25, WNC08]. **Based** [WYGZ10, WZF25, WZSL12, XBC96, XZLX22, YJ13, YBHY15, Yan19, YC99, YZZ19, YHSL24, Yu01, YSZ14, ZBFN17, ZCPM20, Zha97, ZCZ04, ZZY20, ZCHO24, ZBdAF20, dlRRG19, dSGS22, ABS96, BST08, BBSW15, CMV97, DHO12, FFS07, GKM+17, GJ21, HXW22, HMMS22, Jam96, MOKS12, NP96, Pir16, RR98, ZDZ16, ZZ18, ZHL21, GMM15, HS06d, KOB20, GS14]. **Bases** [CHCX23, CW16a, Peh20a, PKA22, SLC01, TW03, ABCR93]. **Basic** [HM20a]. **Basis** [AB17, AH20, ACN19, ADS21, AD15, BKGV16, BK16, BN98b, BLB00, Bla97, Bli24, BWS20, BM00, BRDQ24, CW16b, COS21, CDS98, CHMR10, CG21, CBN02, DDMQ18, DFS17, Ded10, DP07, DFQ14, DFW21, DFW22, DHO12, EPR10, EF15, FM12, FP07, FLF11, Gar00, GV12, GN22a, GD07, HSZ12, HCX22, JK10, JK15, JP16, JJCX24, KR23, KKS13, KR06, KP10, KL13b, LLHF13, LSH17, LQR12, LW19a, LSW17, LZZ24, MR04, MS13, MMS23, Mir21, NRMQ13, OS14, OS15, Ong97, Pir16, PS10b, PSS17, QGVW17, Ros05a, SU25, SV23a, TMD24, TLH21, VP14, VW98, VD23, WDG+18, WSK99, WRS08, XD21, YH19, Yan14, Yan18, Zha20, ZH21, vdBF08, BEEM18]. **Basis/Empirical** [BEEM18]. **Batch** [GGLX25, HCHY23, JLXZ21, LXZ20, LXZ23, WRB+15, CC96]. **Batched** [AWM+25]. **Batching** [KPS+25]. **Bayes** [BJW18a, HXW22, JZX+21]. **Bayesian** [APSG14, APSG16, AS18, AS23, AWA+18, ALM22, BCP15, BTGH12, BTGMS13, CCPS20, CPS20, CCH+25, CG21, CABZ25, CBCR14, CS17, CJMS23, DKM14a, DDE+20, FLU+20, FL18, FWA+11, FLDT25, GMKJ+24, GHKF22, Hei13, HHP22, HCHS13, HFL+16, JKLZ18, JSC24, KSHMC23, LM14a, LLSX21, LW14, MFSY19, MKB22, PMSG14, Rei13, SSC+15, SCW+17, TJ25, UDH23, VBA18, WBS+17, WBTG18, WBM+25, WCG23, WRBC24, YG15, YGCP96]. **Bayesian-validated** [YGCP96]. **BCs** [LP23]. **BDDC** [BPS+14a, BDZS24, DPW19, HSB20, HPS22, HCP+23, KLR14, KLRU17, PWZ10, Tu07, WSP22, dVPS+17]. **BDF** [JLZ17, SDC24, WZ21b]. **BDF-Spectral** [SDC24]. **Be** [EPMN25, GLL+14, GLMN15, KHU96, TW95]. **Beam** [CL18b, JlLGZ20, QZT11]. **Beavers** [HLLM15]. **Beckmann** [RKMC25]. **Bed** [JMN01]. **Beetles** [WP98]. **Behavior** [AD06, DP03, JP24, Sma01, Son12]. **Belief** [Fan22]. **Bellman** [BHT11, HW13, CCFP12, CCF14, CFZ25, DKK21, DKS23, HW13, KK18, NZGK21, ZHL21]. **Beltrami** [ABB09, HR25, WLZ18, WkZ15]. **BEM** [CP07, CSS12, DF20, DHM22, GH02, LS12b]. **Benchmark** [GGS19, Nie16]. **Bend** [LFWP08]. **Bending** [BMP22, DGY25, DZ08, LO19, MT22]. **Benefits** [MRV06]. **Bermudan** [ZK14c]. **Bernoulli** [FBvdZ24, KGT07]. **Bernstein** [AAD11, Ain14, BWS20, CW16b, CW17]. **Bessel** [Bal00]. **Best** [ABD+17, AE95, BBH24, GK12, SRS12]. **Better** [CAB04, D'A00, Dul98, JK08, KHU96]. **Between** [ABLM19, BBK06, Bur23, CCS+19, GP96, HLG24, KP22, PM15, PKA22, XC20, GJ07,

Gro02, Kog24, KZ16, NS21, RL18]. **Beyond** [KXS18, SMM24]. **Bezier** [CW16b, AAD11, Ain14, AS16, CW17, DP07]. **BFBT** [RSG17]. **BGK** [AKM14b, CL10, DY06, DSB99, EHY21, KQW04, LS23, MBS22, OCY+25, Xu04, ZZY20, ZXT+25]. **BGK-Type** [KQW04]. **BGN** [JSZ24]. **BGN-Based** [JSZ24]. **Bi** [GJ17, PM03, CGS+94, Zha97]. **Bi-CG** [Zha97]. **Bi-CGSTAB** [CGS+94]. **Bi-Gaussian** [PM03]. **Bi-Lanczos** [GJ17]. **Bias** [HYW+25]. **Bias-Variance** [HYW+25]. **BiCG** [AdSGC12]. **BICGSTAB** [Gut93, ABdSF15, YC99, SvG10a]. **Bicharacteristic** [Roe98]. **BiCOR** [CJH11]. **bicubic** [Bia94, BR95]. **Bidiagonalization** [BR05a, GH15a, JN10, SZ00]. **BiDirectional** [ZNZ16]. **Bidomain** [CS18a, HPS22, MPS09, PS08, PS11a, PS11b, WiOH08]. **BIE** [BLYZ24]. **Bifidelity** [YZL20]. **Bifurcating** [PQR20]. **Bifurcation** [BBKK97, BPB07, BDF08, BFP22, BFR23, GGKM07, CC97, MCJN94]. **Bifurcations** [EMSW12, GKD05, GM00b, Kus00, KM05, SSH06, GM96, WAS94]. **Big** [DJM16, KY14, YYWY18]. **Biharmonic** [ADGM98, BACF08, BK00a, BK10, CDH98, CGZ24, GL21, GL25, HJ18c, PMH+16, TX17, CDH97, Zha94]. **bilevel** [CV93]. **Bilinear** [AGI16, D'A00, KRR23, LST+24, SDH21, ST11, Wan01, Won16]. **BILUM** [SZ99]. **Bimatrix** [AHJS01]. **Binary** [Ant22, ALM22, CDM+13, DDE+20, FNL+19, GZYW18, GZW18, GX20, LQZ22, SKT25, Yan21, ZC23]. **Biochemical** [SAE10]. **Biochips** [Kös07]. **Biological** [DLM16, KSHMC23, KBK+08, Kim08]. **Biology** [DTT+16, LNA+11]. **Biomechanics** [KLL+23]. **Biomedical** [JED10, GLM22]. **Biomolecular** [LS16a]. **Biophysical** [HDB08, MTM08, SSM+20]. **Biorthogonal** [BB15c, WB00]. **Biostatistics** [HBSC97]. **Biot** [BBD16, BKMRB21, LMW17, PRM09, Pol25, Ros06a, dlRGH+25]. **Bipartite** [ABL+20b, CL21, DHPAH19]. **Bipartitioning** [AKA13a]. **birthday** [PS97]. **Bisection** [AGK18, AMP00, CCS97, HO15, LJ95, MC09, Mau95, ST97]. **Bit** [HJLZ18]. **Bivariate** [HHL07, PH16]. **Black** [BMM98, CRO23, FNL+19, JK07, LM24, Yav96, iW11]. **Black-Box** [LM24]. **Black-Oil** [BMM98]. **Blackbox** [SEKR24]. **BLAS** [Lan98, QOSB98]. **BLAS-3** [QOSB98]. **Blast** [DMM+16]. **Blast-Induced** [DMM+16]. **Blendenpik** [AMT10]. **Blending** [OZ16, OSCE00]. **Blind** [EK14, SX11]. **Blobs** [Ros05b]. **Bloch** [HJMS07, LZ17a]. **Block** [AKA13a, AAB+15b, ABLM17, ABLM19, ADRS95, AGHJ23, APÇ04, BCR03, BGLY05, BGL06a, BDJ05, BG25, BHL+20, BS96b, BD05, BHK20, Buv21, CGL+12, CGL+13, CM25a, CR24, CMS17, CST+13, CST16, DSW22, DFDM19, Di 97, DF99, DSS20, DGRZ15, DLRT23, DLP+21, EHS+05, FW24, GWMG03, GvR22, GG03, GG05, HS17, HKD13, IM99, JFG10, JF11, JFG13, KR17, KN21, KL05, Kla98b, Kny01, KMT24, Krz01, LJ93, Lin16, LSS03, LWZ13, LM25, MSS10, MM95, MM98, MMN00, NP93b, OBP+24, PL03, PS11a, PMH+16, PEC+14, PSC+16, PV15, RHL+21, RKLN07, RWKW14, RWWK15, RT99, SZ99, Saa03, SR18, SBX+08, Soo16, SH14, Ste08, SFM20, TBG25, TSK09, TMA18, TMA23, VV13, VFHG25, VD23, WX99, WWYX20, WG20, WL20, Xie05, Xue18, YDF97, Yan19, YFS21, Zie12, dSL05, AM95]. **block** [CMV97, CS97, FS96, Jin95, RG94, Rot96, CPV95, KALO07, CMV97]. **Block-Arnoldi** [TBG25]. **Block-Based** [Yan19]. **Block-Boundary** [IM99]. **Block-Circulant** [WL20]. **Block-cyclic** [LJ93]. **Block-Diagonal** [APÇ04, VV13, dSL05]. **Block-Greedy** [Lin16]. **Block-ILU** [CPV95, CMV97]. **Block-Lanczos** [BCR03].

block-oriented [RG94]. **Block-Parallel** [GG05]. **block-partitioned** [CS97]. **Block-Preconditioner** [PV15]. **block-size** [CMV97]. **Block-Structured** [GvR22, GG03, RKLN07, SR18, Zie12]. **Block-Triangular** [Kla98b, VFHG25]. **Block-Tridiagonal** [BHK20]. **Blocked** [MV16, Nov15]. **Blocking** [Gup17, MHL+15, RZTK+15, SKJ+13, VMV15]. **Blocks** [FFSS13]. **Blockwise** [CEJ+10]. **Blood** [DMM+16, DCSO10, LB25, SZZ21, ZCT24]. **Blood-Brain** [DMM+16]. **BLOPEX** [KALO07]. **Blow** [ADKM03, BGK15, BWZ10, BHR96, CGKM16, MW22]. **Blow-Up** [ADKM03, BGK15, BWZ10, CGKM16, BHR96, MW22]. **Bluff** [Hof05]. **Blur** [NO98]. **Blurring** [RG20]. **Bodies** [BCF01, CSW99, CP13, MP20b, TUV10]. **Body** [AE18, BBBV13, BOF16, CL18a, CFSZ08, FHH+18, Hof05, JvGVS13, Kra09, KL00b, LXZ20, Sha12, SU15, Ten98, XCS16, Alu96, BME93, BEM94, CSS93a]. **Bogoliubov** [TXZZ22]. **Bold** [CWY23]. **Boltzmann** [AB08b, BCR11, BYK05, BGGM22, BHN25, BKK+21, BLM03, CCM05, CL10, CFY18, CW22, CLDS19, Cha18, DMML05, Del14, EHY21, Elt96, FMP06, GHHH17, GDX25, HHR23, HHSY22, HYC15, HYC16, JS10, JW13, JK00, KS19, KKK+25, Lee10b, Lee10a, Lee12, LWL+24, LZC+25, LS23, MW03, MDA22, MBS22, OCY+25, PR01, QSM19, Rei18, Rei20, SR16, Str00b, TSM+25, ZZY20, ZXT+25]. **Boltzmann-Based** [BCR11]. **Boltzmann-BGK** [EHY21]. **Bootstrap** [BBB+11, BBKL11, BK14, KR18]. **Borehole** [PDTVM08]. **Bose** [BD04, BS05c, BL08a, BLS09, BMTZ13, BR19, BTY25, BH08, LC21, LZ25, TXZZ22, TCWW20, ZX24]. **Botanical** [LB07, LB08]. **Both** [BWZ21, Ros96]. **Bottom** [BCCX21, DQ22, GN07, KLLM22, Liu20, SSB08]. **Bottom-Up** [SSB08]. **Bound** [BCL99, BLNZ95, CXY10, CKXZ18, CS25b, CZ22, CYHY24, CKW24, DG16, DWQY19, DBK25, GY17, Hok20, KFR21, Kea97, LLJF21, lLTZ21, PTS23, ZC24, ZC25, HS21]. **Bound-Constrained** [BCL99, KFR21]. **Bound-Preservation** [DBK25]. **Bound-Preserving** [CS25b, CZ22, CKW24, DWQY19, GY17, ZC24, ZC25]. **Bound/Positivity** [HS21]. **Boundaries** [CSW25, Lay06, LL97, LXS+08, NP08, PP97, VB07, TR93]. **Boundary** [AAAH+19, ABLS05, AHZ17, AA00, ABHS22, AFF+15, AKTW25, ABIN20, AP97, ABK11, AP12, AS94, AC95, ADM+15, BCAG22, BHG14, BCR11, BH00b, BHV05, BBSW15, Bar14, BWV15, BSSW13, BH12, Ber98a, BK06, BM01b, BATI25, BV20, BBH24, BBS19, BBS22, BF95, BT13, BCH12, BIYS00, BTT13, Bru18, BHM25, BKS98, BOPGF06, BG04, CDBH16, CCG14a, Car07, CGAD95, CP03a, CGZ99, Che98, CH08b, Coa12, CS12, CBF17, DTY20, DB98, DD13, Der08, DKSW19, Dor10, DHE13, DL20b, DK03, DKM14b, Dur16, EO15, EO16a, EJJ08, EN16, EM96, EM99, ES17, EN08, EIJH20, FGMP13, FGMP14a, FGMP14b, FBvdZ24, FJ99, FDS13, FS02, For06, Fro12, GCS19, GL22a, Gao23, Gär09, GBS+22, GG19a, Giu22, GY06, Giv12, GLZ22, GTLSCDGR24, GKS98, GPK04, GKD24, HG02]. **Boundary** [HHT03, HS05b, HM14, HT16, HO96b, HW09, HM18, IM99, JL03, JL05a, JLLY24, JK21, JP01, KBV09, KRW20, KP06a, KLJ10, KKS21, KLY05, KC16, KP05, KP06b, KWW13, KGT07, LS99, LHL12, LOSZ07, LZ21a, LG97, LR20a, LM12, LL11, LZZ18, LP04, LTzT21, LWZ+24b, LXYZ23, LS02, LLLL24, MS07d, Mal07, MP20b, MT19b, MST15, MT23, MAH22, MCH24, MS25, MS07e, MS03, Nas09, NAS13, Nat98, NCT99, NP17, OSU10, ORST12, OKGG+23, PJZ23, PL03, Pat97, PATF19, PTT20b, PS19b, PRSS11, Rei20, RH06, RK07, RS03, RSSZ08, SBS98, Sch09, Sei23, SC03, SW16,

Ste00, SD11, TKW08, TT96a, TY00, Tau96, TW03, TP09, Tsy99, VC00, VV05, VGOR20, Vil09, VPP05, WL04, WMHK19, WLZ23, WMOZ22, WFAP15, WRBC24, XEG06, XL20, XLG+16, YCZ13, YK03, ZXY21]. **Boundary** [ZZY20, vdZvBdB10a, vdZvBdB10b, AGC96, DR93a, HG96, Rán93, Tsy97]. **Boundary-Element** [Nat98]. **Boundary-Value** [ABLS05, BIYS00, Der08, CS12]. **Bounded** [BHNPR07, Ber00b, DOKM22, DW15b, GM17, Gär09, GJM94, HS06d, HS24, KR21, NS06, Nor07, SV25]. **Bounded-Obstacle** [NS06]. **Bounding** [KOSB16, KTSB19, SB05, Wil09]. **Bounds** [BGS17, BCD+25, BSM24a, Bre00, Cab94, CDKL22, CHMR10, CTU25, DM16, ESdOCP23, ESdP24, GH15a, GCS19, GvdV17, GSS00, KK13, LQX14, LK21, MW22, Mön08, MRL+17, PS02, PDH09, Pen25, SBP04, SDH21, TBO10, Van00, Yan18]. **Boussinesq** [LRD+04, HHSW11, MCJN94, Yan14]. **Box** [CRO23, JK07, KSD10, LM24, LM21, MMS05, BH12]. **Box-Constrained** [KSD10]. **BoxLib** [ZAD+16]. **BPCONT** [Der08]. **Brain** [DMM+16, HDB08]. **Branch** [Der08, Kea97]. **Branched** [Li03, RC06]. **Breakage** [DKDH20]. **Breaking** [OT09]. **Breakup** [BLGL11]. **Breast** [BNFS13]. **Bregman** [BCC+15, HBG25]. **Bridge** [VPP05]. **Bridges** [SGS22]. **Bridging** [ABLM19, BTLZN22, PKR+13, PLVG+22, RDP08]. **Brinkman** [VV13, XZ10, ZS23]. **Brittle** [AFMP15]. **Broadband** [ERSZ17]. **Brownian** [CL03, DMR17, DYZC22, HT16]. **Broyden** [Anj93, Jar19, YDF97, vNLB04]. **BSDEs** [GLSTV16, RO15b]. **Bubble** [TKW08]. **Bubbles** [HY10, dVL10]. **Buckling** [HLP08, LCH99]. **Budget** [SK23]. **Building** [PGSO24]. **Burgers** [BHN07, DMMO05, Elt96, GK00, HDF+19, MK24]. **Burnett** [HC20a]. **Bursting** [Sma01]. **Butterfly** [BCY21, KM12, LY17, LXG+21, LGCL21, PHY20, PDMY14, Yin09]. **Bypassing** [Pir16].

C [Dar21, DARG13, Wal18]. **C.** [PS97]. **Cable** [KO05]. **Cache** [AKA13b, GMPZ06, HR05, YB09]. **Cache-Aware** [GMPZ06]. **Cache-Oblivious** [YB09]. **CAD** [RKLM18]. **Caffarelli** [GN22b]. **Cahn** [ALl19, BS15b, GHMY18, HX21, HYW20, KW07, lLTZ21, LQZ22, WZF25, XSWG23, XZ23, ZD09, ZHY24]. **Calcium** [Gob08]. **Calculating** [MNBK10, MS04, Nak98]. **Calculation** [BD99a, Bre17, BHP98, CRV14, GLR07, HM98, HBJ04, HA17, KKS13, MGG19, Mön08, TT96b, TB99b, WMI09, WMUZ13, YGB+05, ZD19]. **Calculations** [Ber95a, COZ96, CDKL22, CDGS05, DLZZ17, DLY14, GHKL22, HW94, HLZ25, LWYxY18, LYL+11, LJL98, Ste11, TLLL23, TB02, YS16, Zas95, ZZWZ14]. **Calculus** [GZT+19]. **Calibration** [AGSV25, CAB04, DKM14a, HKC+04, SSM+20, ZWK+25]. **Camassa** [LX16a, ZLZ22]. **Can** [CCF14]. **Cancel** [PLVG+22]. **CANDECOMC** [SMYS21]. **CANDECOMC/PARAFAC** [SMYS21]. **Candecomp** [KU18]. **Candecomp/Parafac** [KU18]. **Canonical** [ABTZ14, De 12a, DM13b, OZ25, RDB16, ZMS21]. **Canyon** [MDA22]. **Capability** [CST16, LC23]. **Capacitance** [LV98, PV94, PV95]. **Capillary** [KSMM18, SGS22, SCS04]. **Capture** [LW14]. **Capturing** [BJ01, TWZ21, WL04, Wan04]. **Carbon** [JP14, LW14]. **Card** [Gre03]. **Cardiac** [BFSN08, CWG10, HPS22, HCP+23, TPQD22]. **Cardiovascular** [PVV11]. **Cards** [LSN17]. **Carleman** [WWL25b]. **Carlo** [KKS08, ABLS05, ACdS+11, AE22, BHvST14, BBT24, BDK+20, BK04, BCSS14, BCCSS21, CL18a, CWY23, CKXZ18,

CKBT16, CML+18b, CGF21, DPS18, DGR+17, EHL06, EBSS+11, FVV21, GSWZ20, GLSTV16, GL22c, GP18, GKRB16, HW14b, HHLL00, HJS18, IT09a, IK10, IT14, JKLZ18, KBK+08, LXZ20, Liu24, LMRS21, LS23, LZ04, LW20b, LW19b, MS04, MSS12, MBS22, NT18, Ökt05, PR01, PWG16, PMR16, RNV17, RNV19, TPW09, VS23, Wan12, WZGO21, WWH17, WKKP13, WG19, WP20, YHFG22, YWL21, ZWH21]. **Carlo-Based** [CKXZ18]. **Carreau** [Lee14]. **Carrier** [PG22]. **Cartesian** [ABCM97, BGOD08, Bea20, CH09a, DFQ14, HG02, ILK05, KW11, WWM03, WM11]. **Cascade** [Yiu95]. **Case** [AG17b, AG17a, ATWK19a, ATWK20, BTGMS13, CDGM24, CDF18a, CHL16a, DARG13, DF99, FMOS17, FK25, GLL+14, GOS12a, GDB+22, JV96, LB15, MCH24, QZZ19, SWX16, Vil09, YTD15, YYWY18]. **Cases** [YZ07, YZ08]. **Casing** [PDTVM08]. **Cauchy** [BMSV97, DMM19, KO99, LCD14, TY08]. **Cauchy-Like** [KO99]. **Causal** [CCV14]. **caused** [AGC96]. **Cavitation** [SRW+18]. **Cavity** [BS05b, LAG14, LRD+04, TVV11]. **CCCG** [CB98]. **CDG** [PP08a]. **Celatus** [Gia18]. **Cell** [AB21, ADK+98, ÁJHP24, ACCP13, BRM24, BMSV97, BCDE21, CBF17, EBK25, EMNS20, FEM08, GTK+17, Gob08, HHLZ21, HCP+23, KCZ15, KS24, Kwa99, LTzT21, MABO07, MCT+05, MS98, MCV17, NMWI11, PKS21, QS05a, TKCC13, VR16, ZLY+18, ZP20, ZWG21, Gre93, WMC11]. **Cell-Based** [CBF17]. **Cell-By-Cell** [HCP+23, BRM24, EBK25]. **Cell-Centered** [ADK+98, FEM08, Kwa99, MABO07, ZP20]. **Cells** [OR24, Ste11, Ush01]. **Cellular** [BEHR24, GXZ21, SAY03]. **Centered** [ANP00, ADK+98, FEM08, Kwa99, MABO07, VHGR10, ZP20]. **Central** [BT06, BPR99, BL03c, BL05, CPPR12, CKW24, DBSR17, JT98, Kup98, Kup01, KL00a, KNP01, KPP07, KP09b, KPW17, Ld12, LPR00, LPR02, LNSZ06, LLLX16, LN03, LT00, MV09, PPR05, Pup03, TCZC19, TKK16, WDGK20]. **Central-Difference** [Kup01]. **Central-Upwind** [CKW24, KNP01, KPP07, KP09b, KPW17]. **Centrifuge** [SCS04]. **Centroidal** [BGL06b, DGJ03, DW05b, GCN21, JGZ06]. **Certain** [BGL06a, BKS23, CMZ+24, DMM20, EJJ08, FFS07, IM98, VK15]. **Certificate** [Yan18]. **Certification** [Zha20]. **Certified** [BKGV16, CHMR10, EPR10, GV12, HKO+23, HSZ12, KP10, QGVW17, Yan14]. **CFD** [Ema10, HML+04]. **CFL** [CKQ14, WL01]. **CFL-Free** [WL01]. **CG** [BU15, FM99, Zha97]. **CG-Based** [FM99]. **CGLS** [CPP+17, HCHS13]. **CGLS-Based** [CPP+17]. **CGMY** [AO07, GLW18]. **CGS** [TBG25]. **CGSTAB** [CGS+94]. **Chain** [BPB07, CKBT16, EHL06, FVV21, Kus97, VS23, WZGO21]. **Chains** [BBB+11, BKS16b, CE17, CPR11, Day98, DS00, DMM+08, DMM+10b, DMSW10, DMM+10a, GaP08, KTSB19, SBM07, TY11]. **Challenge** [EMM+99]. **Challenges** [DNP+04]. **Challenging** [LO03]. **Change** [PP12a]. **Changed** [ZK14c]. **Changing** [BCF01]. **Changing-Chart** [BCF01]. **Channel** [Hun96, KWW13, VS03, XL20]. **Channels** [EERT23]. **Chaos** [BDW11, CJGX15, DGS08, DNP+04, FUNB18, FEL18, FÖ21, GI17, JNZ17, LK04, PSDF12, ST22a, SG04, SD10, SM15, WK06, WB08b, XK02, ZCK12, ZRTK12]. **Chaotic** [CD06, SW22a, VFGS23, XYZ05]. **Characteristic** [AH06, AW11, BMV05, CD20, DBC13, EAS08, EAS11, FL19, GC16a, MB02, MYN20, OGO13, SSH06, XZS23, XS24b, YCN21, Gos12b]. **Characteristic-Based** [CD20, GC16a]. **Characteristic-Spectral-Mixed** [XZS23]. **Characteristics** [BBT19, CLK18, EAOS21,

WMSG09, YVB98]. **Characterization** [LM14b, LNA+11]. **Characterizations** [SVX15]. **Charge** [Ama98, LNZ19a, LNZ19b, OAA20, XC20]. **Charge-Conservative** [LNZ19a, LNZ19b]. **Charged** [AE18, QXYZ24]. **Chart** [BCF01]. **Cheap** [ÖB05, TP99]. **Chebfun** [HT17, RT11, TT13, WJMT15]. **Chebyshev** [AC08, AD18a, AD19, AD20, BS98, BK10, DKS21a, DS95b, DS97, FP14, GMP19, HT14b, HMAS17, HP14, HHSY22, Jac03, LV94, MR02, Mor24, PCDB96, She95, TW09, TT06, VS04, XAKS23, Zbi11]. **Checkerboard** [Lee13a]. **Checkpointing** [HHK+24, SW09, SW10a, WMI09]. **Chemical** [CVE13, DHJW08, GK13, IP06, Jah10, LNP+07, PS13, YS16, Ver94]. **Chemistry** [DF21, JSPC97, LCH09, NK15, SZ06]. **Chemosensitive** [FS05]. **Chemotaxis** [DP19, FY14, Gos12b, NMWI11]. **Chimera** [BCI25]. **Chirplet** [GG09]. **Choice** [CMK11, CJK10, DLZ10, GG18, BCLC97, DG95, LL94]. **Cholesky** [BDHS10, BPT93, CLB21, FGM95, FKN+20, HRS10, HSTH18, LM99, MH95, Meu01, Nap23, NP93b, NP93a, NRSD18, PS93, RG94, Rot96, RS99, SKO21, Sch93, ST14a, ST14b, Sco17, YTD15]. **Cholesky-Based** [Sco17]. **Choosing** [EW96, HR96, JG02, Lee09, SRS12]. **Chopped** [CCSS08]. **Chord** [KMT98]. **Christoffel** [And08, BT03b, Ban08b, DK11]. **Chromodynamics** [SO10]. **Chronos** [IFSJ21]. **CIMGS** [WGB97]. **Cimmino** [ADRS95, DGRZ15, DLRT23, DLP+21, TMA18, TMA23]. **Circle** [SWU16]. **Circle-Valued** [SWU16]. **Circuit** [BJ08, CCCZ10, NPS22, MT97a]. **Circuit/Field** [CCCZ10]. **Circuits** [BBGS13, MS07c, SEKR24]. **Circulant** [Ber00a, DN97, NP10, RKW20, SCTP04, WL20, Huc93, CC96]. **Circulant-plus-Diagonal** [NP10]. **Circular** [AA00, Ama98, GS21, NH12, Smi97]. **Circulation** [TGS08]. **Circulatory** [KLJ10]. **Circumventing** [RLG98]. **Claims** [LCD18]. **CLAIRE** [MGDB19]. **Class** [BM08, BCJ+21, BCK21, BHM20, BB03, BR09, BBM+15, BV16, Buv20, BS25b, CCFP12, CDG03, Che98, CDI+25, DFN12, GS14, GVMM14, HSS08, HVW25, HLL+22, JKM24, KGA23, KA95, Kla98c, KT08, LSY21, LO03, LL25b, LCR20, Meu01, MG12, MW16, Par17, PP12b, Ser06, SDC24, TW05, Vir07, WZ03, Wat04, Zam16, ZTBK18, Car93]. **Classes** [VBA18, VK15]. **Classical** [BH11, BCK+18, BWZ21, CM25a, DP20, IFSJ21, JP14, TAY+19]. **Classical-Quantum** [JP14]. **Classification** [Pen25, dSGS22]. **CLE** [CE17]. **Clenshaw** [EJJ08]. **Climate** [MW08b]. **Clipped** [ECH+23]. **Clique** [RGG15]. **Cloaking** [VLM22]. **Close** [Bar14, BWV15, CKK20, EHY21, ZV22]. **Closed** [AHN+20, AL99b, Bea20, CBDW15, CGX21, DGK23, LRD+04, LFWP08, PG22, QZZ14, SL20, VZA+23, WYT18, YVB98]. **Closed-Loop** [AHN+20]. **Closely** [GJLX16]. **Closest** [CM15, MR09, MHR20]. **Closure** [BPB07]. **Closures** [AHT12, HM10b, MZM25, MP20a]. **Cloth** [KKT19]. **Clothoid** [FB19]. **Cloud** [AKBM21, DTT+16, SRW+18, TGS08, WJS23]. **Clouds** [DS16, FO19, JP16, LZ13a, WLZ18]. **Cluster** [AHDK14, ZCHO24]. **Clustering** [Fra98, Hor10, McL12, MDC08, SNB16, ZNT+24, ZWG21, dMHJM00]. **Clusters** [RNR16]. **Clustersolutions** [CK98]. **CM** [BP97b]. **CM-5** [BP97b]. **CM-5/CM-5E** [BP97b]. **CM-5E** [BP97b]. **CNN** [KLW24]. **CNN-DNN** [KLW24]. **Coagulation** [EW00, FL04, LGW19, MNBK10, PW12]. **Coagulation-Fragmentation** [LGW19]. **Coalescence** [ABM+13, FCM12]. **Coarse** [AKPRB08, Bot23, BH17, CPW15, CEJ+10, CGSR20, CWX15, AGJT21, DW17, DPW19,

DGL+12, EHL06, FS14, Fer98, GBM22, HKR16, HKKR19, HHK19, HL20, HKLW21, HKK+22, HS25, HCH+24, JLZ25, KKR16, KC16, KRS21, LQC23, MS07a, MNP07, NXDS11, Par24b, Pol16, ROM18, DFK23, SAB14, WSA16, WY09, Wu18, Yav98, ZT17].
Coarse-Grained [WSA16].
Coarse-Graining [AKPRB08].
Coarse-Grid [Fer98, MS07a, ROM18, DFK23, Yav98, HCH+24]. **Coarse-Scale** [EHL06]. **Coarse-Space** [GBM22].
Coarsening [BGL+21, BF10, FRS19, HDF+19, KR18, KWG+20, Lee10b, MS07b, MMV98, OKLS15, Wab05, ZWWZ21].
Coarsest [VCS24]. **Coarsest-Level** [VCS24]. **CoCoGen** [JZD25]. **Code** [BBK+25, CM98a, CM98b, CWA14, HML+04, HHR23, Min02, ØLW08, RWX07, SSW18, WMSG09, EL93]. **Codes** [Ber00a, HBSC97, vHBTC12, JS93]. **Codim** [KM05]. **Coding** [ZGG17]. **Coefficient** [BK08, CGX21, DF99, FGMP13, FGMP14a, FGMP14b, GM14a, JL05b, JR98, KGM+11, KLZ22, KG14, LXdH20, LK98].
Coefficients [ALLK15, ABST13, Ant22, BF16, BvW09, CT03, CD02, CRV13, CGF21, DF03, EIL01, FDS13, GX16a, GP16, GLL21, GH99, GD03, HA01, HCRT13, Jia14, KKV13, KP09a, KGM+08, KP06b, KRGO19, LI01, MRFV18, MEHL16, Mor23, MZ19, PRSS11, RY03, Sch98, SWX16, WR13, ZTM+16]. **Coercive** [CP17, Yan18]. **Coherent** [RAB+14, TW96].
Cohomology [PSKG13]. **CoKriging** [YZL20]. **Cole** [LHL11]. **Collaborative** [AALPC25]. **Collapsed** [JBL18].
Collection [AILP07, Wri93]. **Collision** [AHK+17, AWM+25, CW22, CHL16b, GHHH17, LWW20, WY19]. **Collisional** [AE18]. **Collocated** [GvR22]. **Collocation** [AS94, AC95, BCI25, BSX22, BS23a, BF95, BFK03, BFK05, BF06, BK10, Bjø95, BvW09, BS23c, CDC19, DS97, Du16, ES18a, ELtHR00, EM99, FF15, GM14a, GNZC17, JKRS25, KNN12, KV05, KZK17, KHRvBW13, Lay03, MT19b, NX12, NJ14, NGX14, PCFN16, PS19b, Sun95, TT06, TV98b, WSZ14, WY09, WI12a, WI12b, XZB11, XH05, YG15, YSX17, ZK14b, ZZK15, ZMK17, ZTRK14, ZNX14, Bia94, BR95, DS95b, HHRV93, PM95, PCDB96].
Color [FNB06]. **Colored** [GZ19]. **Coloring** [BtVÇG+10, GTMP07, JP93]. **Column** [DG17b, FSV22, GCD18, MOHvdG17, Pen25, QOSB98]. **Columns** [HNR17, TMA23]. **Combination** [AL24, HHLS15, Hun95, OB21, SSN19, WZSL12].
Combinations [OK13]. **Combinatorial** [IMS96, LGC+23, WH09]. **Combined** [AW20, BGN07, CEP20, DY06, MF06, dDBV14]. **Combined-Mode** [AW20].
Combining [AEFM17, AdSK19, BJW18a, CDGS05, FT03, HVK18, HKLW21, HKC+04].
Combustion [HS16]. **Committor** [LR25, SCY25]. **Common** [Gro02].
Communicability [AB16b].
Communication [BDHS10, BSH16, BFG+16, BT97, BBG+19, CKD13, Cas97, DDF+21b, DGHL12, Den97b, DFDM19, GAMV13, GM15a, KB23, KV13, SA97, SDH21, UA04].
Communication-Cost [UA04].
Communication-Efficient [BBG+19].
Communication-optimal [BDHS10, DGHL12]. **Community** [KPPS14, ZLWZ18]. **Commutators** [EHS+05]. **Compact** [BCI22, BDK12, BMPS22, CL22, CSX24, DGLW16, GB12, GCB15, GW04b, GM04, Huc08, KS94, LSW17, LBYT24, LPR00, LP23, LMT18, LZ25, PT08, QNNZ19, SC98, TAHR15, WDG+18, XAW17, ZzSpH14, Pel93, PP08a].
Compact-WENO [DGLW16, WDG+18].
Compactly [Pla15]. **Companion** [AVW13].
Comparative [ACD95, BBKK97, CFKM18, GRT05, LL00, LZ04, Ros05b, GMSB16].
Comparison

[AC05, BBKS20, CW15, DS00, DDGS16, GK11a, INS05, KTB14, KW18, LMM17, LW03, NV05, QS05a, RU01, SMYS21, TAY+19, WE06, ZW03, Zin00, ST94]. **Comparisons** [Elt96, GZ19, KP11]. **Compatibility** [ABHS22, AGK18]. **Compatible** [BHST08, BDM24, BF10, BCK+18, BDPR22, GP99, GDC+23, MNP07, XZ23]. **Compensation** [MOKS12]. **Competitive** [Boz09]. **Compiler** [HMLH18]. **Complement** [Bla03, CGL01, DKXS18, HVK18, HSF07, Kra12, KLL+16, LS05a, MG11, Mal07, MRT00, MMA98, MFPG18, OV07, PL21, PSLG14, SS99, TMA23, DS95a, FCR93]. **Complementarity** [WC17, ZYSL15, ZSPL21]. **Complements** [BS05e]. **Complete** [Sei23]. **Completely** [ZLWZ18]. **Completion** [AKM+14a, BTLZN22, CCY23, CA16, GKK15, KOB20, Ste16, TW13a, WLL+15]. **Complex** [AM04, AGJG25, AL99a, AH04, BBKK97, BOR97, BGRS24, BS96b, BF24a, BKS13, BGL06b, CDK21, CCG14a, CSW25, CMM95, DH01, DJT08, DGK23, Du11, FMS24, GM14b, GS21, Har11, HML+04, HGZ17, IP06, Kir14, KC16, LS09, LZC+25, MF06, MO08, MB24, Nat98, OKGG+23, PKD23, SY14, SMR16, SXK17, SAE10, SLZ+25, Tad25, TW03, Van20, Zha22a, ABCM97, Gut93, LV94, NT20]. **Complex-Geometry** [SXK17]. **Complex-Symmetric** [Nat98]. **Complex-Valued** [BGRS24, DH01, MO08]. **Complexity** [ABLM17, BH22, BF24a, DGLL21, GM14a, HVW95, HCH+24, IL16, KKT13, Kir14, LM24, LZK17, ZTBK18]. **Compliance** [PVV11]. **Complicated** [AGH13, Bre96, FG23, Yav93]. **Component** [GG05, GH14, HMST11, SP16, WZET13, ZLZ22]. **Component-Averaged** [GG05]. **Component-Based** [SP16, WZET13]. **Components** [BzCS11, FB95, HTH+16, OW02]. **Componentwise** [FKQS17, Van00]. **Composite** [AGH13, CS96, CKXZ18, EIL+09, GM14a, HM10a, HCP+23, KASL21, LMPQ03, Mu99, Par17, PP12a, PRSS11, SP03, SJR09, TB24, XBC96, ZCW10, Pet93]. **Composite-Grid** [LMPQ03]. **Composites** [TG04]. **Composition** [BCM05, GGK+04a, KM18, McL95, MSK25, Vil14]. **Compositional** [Tad25, WZET13]. **Compress** [SO18]. **Compressed** [Ash95, DFG15, KMSM14, SSVW17, YLHX15]. **Compressibility** [KWD22]. **Compressible** [Abg24, ACL09, BDK+20, CZ22, CD01, DSB99, DDGS16, DDP25, DL17, DL20b, Egg18, Ein19, EHY21, GY17, Hes98, HC95, JP24, Ld12, Le 01, LD05, LXS+08, MABO07, OBP+24, PCFN16, PM15, RSD+20, RHSK11, SA99, Sha21a, TIP23, WLK06, YC14, ZC24, ZC25, ZFL25, HG96, Hes97]. **Compressing** [Mar16, XC20]. **Compression** [AKW17, ATWK19a, ATWK19b, ATWK20, ACG20, BWB19, Bör09, BHM25, CS25a, CGMR05, DFH+19, EGLS21, FDH+20, GLL01, Kri25, LM24, LN03, LGCL21, RLA25, SYZO15, Tad20, WG12]. **Compressive** [AK15, HJLZ18, TCDS21, YZ11]. **Comput** [BEM94]. **Computable** [ABR17, BCD+25, HHS+16]. **Computation** [AP19, ADLR15, AP01, AHHR16, AVW13, BZ10, Bal00, BS96a, BBT24, BS05e, BAFF00, BM18, BL04b, BSV19, BKH+22, BMF12, Bog14, BWS20, BtVÇG+10, BBK06, BDMFSL04, CDY07a, CFSZ08, CPT05, CBCR14, CV98, CJ99, DS20, DP17, DM16, DK11, DLP05, DGP18, Drm97, DGK98, EL01, ESdP24, ELtHR00, Fli13, FB19, FDFW07, FSV22, GH13, GGS19, GSS12, GS12, GKM+17, GST12, GST19, GLL21, GI99, Gub96, GD03, HT13a, HHLS15, HAG17, Hof05, HKB21, HS18, HKM97, HK02, IBM01, Inv02, ISS06, JLY08,

JM18, KB96, Lab05, LCG21, LLHF13, LS94, LX12, LMR97, LH00, LCH99, Lui97, MH16, ML11, Mit23, NP14, PSKG13, RO15b, Sch10, Sei95, SL09a, SWT00, TSM+25, TW25, VBA18, WWH17, WT01, XLS18, XD21, XWT24, ZLBC03, ZZ18, ZLY+18, vVKA11, AD96, BZ93, Tsy97].
computation [WM93]. **Computational** [APS12, AHT12, BB17, BBP13, BH20, BMMR20, BS04, BCG+10, BWZ10, BTGMS13, BTLZN22, CHH19, CC98, ÇKAA22, CHL06, DMM+16, DTT+16, EHW00, EMT09, GGLT00, GM14b, GK05, HP20, HC21, JHJ12, JKR08, KN21, Kou09, Kra08, LCR+16, MW11, NK15, NL20, PMSG14, PDE+17, Rav05, Ros97, SD10, Ste00, TP21, TGS08, TCCK18, Tsy99, TAHR15, Wan07b, Wan07a, WMSG09, ZWH21, Zim14, AP93]. **Computationally** [DFN12, JLM25]. **Computations** [BK07, BP97b, CS94, CDK21, CX08, CSW10, Dul98, ET24, Fai03, FLF11, GTK+17, GH07, GCM25, GCB04, HL95, HJ19, JR96, LKvBW10, MCL19, MRL+17, Nat98, Nie16, OSCE00, Pek12, SW03, TW96, WMKK25, WRS17, Xu23, ZCW10, OA93].
Compute [Che16, KR17, TW95].
Computed [HAN19]. **Computer** [CGDD11, GV15, HKC+04, HTH+16, vdHCDD15, MH95, YGCP96]. **Computers** [BDD+97, HKR02, HW94, Goe97, NP93b].
Computing [AEFM17, AS16, AP24, AMH11, AMHR13, AMHR15, AM18, ABB09, ADL+12, ACO98, AKBM21, ADF+19, AT15, AMB+94, ABL+20b, BBP21, BD93, BCT07, BFKY11, BD04, BL08a, BLS09, BMTZ13, BR19, BTY25, BM12, BMF12, BT20b, BS96b, BGSV15, BGR16, Bru18, CCQ16, CCRT21, CAS11, CHJ16, CC18, DR93a, DLY17, DH16, DDF00, DOKM22, DCB22, DL22, FKMR19, FGL09, FMYT16, FGM95, FKN+20, GH15b, GWMG03, GTMP07, GMvdV19, GL24, GST09, GvR22, GGGL10, GSR19, GE96, GM96, GM00b, Gug16, HNS08, HV01, HK17, HHL15, IFSJ21, JN10, JSCB20, JED10, JW05, JP11, KV96, KMV99, KMV05, KPÇA12, Kei09, KRR23, Kog24, KPU21, LS20, LCN14, LR10, LSU11, LL11, LR25, LWZ13, LL20, LC21, LYZ23, LGC+23, LT12, LR98, MV00, Man99, MV16, MB99, MW01, MG12, MAH22].
Computing [MCH24, MvdM21, NH18, OKdSG17, OZ25, PFS21, PF23, PP97, Pen25, Pet93, PSLG14, PK19, RL18, RM08a, Ros15, RX18, SIDR15, SBP04, SRT23, SBM07, SS03, SXK17, SO10, Str93, Swa02, TS11, TXZZ22, TV98a, TWL21, TWW16, VMV15, VK15, Wan97, Wat98, WTW17, WTS94, WkZ15, WS15, XS16, XCLQ20, XAKS23, YZ07, YZ08, Zha96, ZX24, ten95, DS95b, RST93, Tre93].
Concave [LNS96, NNT13]. **Concentrating** [LL02]. **Concentrations** [JW05]. **Concept** [SNB16]. **Concepts** [GW00, vD03].
Concrete [CST16]. **Concurrent** [AKBM21, PWM22]. **Condensate** [BH08, ZX24]. **Condensates** [BD04, BS05c, BL08a, BLS09, BMTZ13, BR19, BTY25, LC21, LZ25, TXZZ22, TCWW20].
Condensation [DKL+19, GM25, KV20b, SP16, VP14].
Condense [GM25]. **Condensed** [AP23, KV20a, DHM+23]. **Condition** [AMHR13, AGK18, BH00b, BCI22, BATI25, BCH12, BHP98, CCG14a, FBvdZ24, FH21, GH15a, Gao23, HLLM15, HR14, KR17, KL15, KL94, KLR98, KKS21, LX08, RL10, SV08b, SV11, WL04, Wan04, Win06].
Conditional [AE22, Liu24, LCXZ25, MW22, TMM20, WBM+25, YWL21].
Conditioned [BS07, BCAG22, CH17, CCS98, Du16, FKN+20, JZD25, MFJ19, PS01, SS23, WSZ14, Di 95]. **Conditioning** [BBC07, KR00, SBC93]. **Conditions** [AHZ17, ABHS22, ABIN20, ABK11, BLPP24, BHV05, BMDO16, BV20, BBH24, BBS19, BBS22, BK18, BTT13, BG04, CH08b,

Coa12, DTY20, DGK23, Dor10, EO15, EO16a, FJ99, FDS13, Fro12, HG02, HHT03, Her08, HMMS22, JLLY24, JK21, LRD+04, LZZ18, LWZ+24b, LP03, LS02, LLLL24, MRS04, Mal07, MS25, NCT99, NV08, PJZ23, Pat97, QX08, Rei20, RK07, RMD08, RSSZ08, Sch09, SC03, SD11, TVA02, Tsy99, UW94, Ush01, Vil09, WMHK19, WX17, WWL25b, WRBC24, XL20, XW05, HG96, Tsy97]. **Conducting** [AKLP10]. **Conduction** [Don06, SCM10, SK05]. **Conductive** [BK98, BK99]. **Conductive-Radiative** [BK98, BK99]. **Conductivities** [MS03]. **Conductivity** [Du11, EIL+09, Tim19]. **Conductor** [LLLL24]. **Cone** [GY05, KO05, ST03, ZYSL15]. **Conference** [Ben15, MY21, Sta24b, Ben13, Ben17, BD23, CM24, Tum10, TBC+11, Vas05, Yav19, vdV01, vdVDE+02, vdVDE+03]. **Configuration** [CL03, GLS24, LW20b]. **Configurations** [ACK19]. **Confined** [GGLX25]. **Confinement** [OBP+24]. **Conformal** [Ama98, DP98, DV98, HQR19, HR25, HT09, ISW18, Nas09, NAS13, Por01, SO15, WK18, CDH97]. **Conformation** [BTY08]. **Conformational** [MTM08]. **Conforming** [AP24, DMMO05, DTYY18, Gär09, GSV18, HZZ20, HGPM14, JGZ06, LMM17, RKL09, SK25, ZWZ19, JK11]. **Congested** [Par23]. **Congruence** [PLT+21]. **Conical** [GST09]. **Conjectures** [FMS24]. **Conjugate** [ACY+20, ABF96, BMT96, BCT00, BBFJ16, BCL99, CRS+18, CDH98, CC20, DLZZ17, DFG15, DEC05, DGLW16, Fie98, GY99, GH99, GLC21, GdSW25, HQR19, JvGVS13, Kny01, LZZ24, Mou20, Not00a, PF12, SYEG00, Spi16, SO97, VP14, ZX24, NP96]. **Connected** [DP98, DK11, HQR19, NAS13, NN18, OR24, RD21]. **Connecting** [DDF00]. **Connection** [GSS12, RKMC25, BP97b]. **Connections** [KR12a]. **Connectivity** [BMV11]. **Conquer** [HLD12, KMR19, LT09, LS13b, NH13, OX22, TD99, VXCB16, VTD12, LL93]. **Consensus** [APU24]. **Consensus-Based** [APU24]. **Conservation** [AB02, AD06, AGH00, BLMR02, BF16, BBSW94, BGGM22, BPR99, BT20a, BBC+21b, Bur23, BG13, BFSN08, CHR02, CGV18, CW13, CW14, CW16c, CGL24, CSX24, CLL13, yCWHJ12, CK94, CKW24, Dk00, DMMO05, DGLW16, DS16, DBK25, DBSR17, DB07, FMR06, FK19, FK21, GR05a, GB12, GMS02, HH02, HBL05, HLM+09, HC20b, HL23b, ISS19, JT98, JSZ13, KL00a, KNP01, KPP07, KPW17, LPR00, LPR02, LLLX16, LD16, LST20, LE24, LN03, LLS24, Mar94, NMAB11, PPR05, PPRS19, QS18, QS08b, SL11, ST17a, Sem10, SMR01, SJD14, TW12, Tor12, TLE12, TW95, VA24, VS03, WDG+18, YHQ12, ZD19, ZQ17, dLRT09, BH97, Pem93]. **Conservative** [AL24, AHH12, AHR12, AS05, BOB+19, BEKK24, BK24, BKMRB21, BBT19, CL22, CZ22, CH94, yCWHJ12, DS16, Egg18, EL19, FL19, GBCT10, GJ07, GQ24, HVW25, KP22, KWD22, LP25, LLW16, LW16, LNZ19a, LNZ19b, LB24, LZC+25, MRI21, MRKS21, NH14, PPRS19, PM15, PKA22, Rei18, RG09, STCK21, Sha21a, SL09b, SL22, TT20, Yan22, YHL19, YYY11, ZHQ20, ZS23, ZCQQ21]. **Conserved** [AF22, ZHY24]. **Conserving** [AH06, BHL24, CL97, CD20, DG09, HLMM06, LW12a, MKRK13, SSBP24, vSRV11]. **Considerations** [CC98, FK97, Moo00]. **Considered** [Gri94]. **Consistency** [Lu95, NP08]. **Consistent** [BPR04, BBW24, BHP98, BJW18a, DTY20, Dor98, DHZ+21, GZW20, HSWW08, JZD25, LY13, LB24, LZC+25, MKWG15, OSWP25, PHA18, Sha12, TKCC13, WMUZ13]. **Consistently** [BBGS04]. **Consolidation** [BRBT12, LMW17]. **Constant** [ABST13, BPPR24, BGK15, Bru18, CCS+19, CF23, CGX21, DZSN09, FGMP13, FGMP14a, FGMP14b, HCRT13, JRGPR25,

Ren15, SL09b, VMV15, WZ21a, vdDA12]. **Constant-Coefficient** [FGMP13, FGMP14a, FGMP14b]. **Constant-Free** [CF23]. **Constituted** [FGO20, LXK08]. **Constrained** [AV14, AEMM16, ABK+24, AOR18, BV03, BH20, BLR99, BDKR21, BPS13b, BG05a, BG05b, BU15, BHA25, BF22a, BCL99, BDS20, BLNZ95, CCJ21, CKXZ18, CLTX15, CK94, Doh03, DS17, DGJ03, EN16, EFOS20a, EFOS20b, FCC10, GU17, GHN01, GV07b, GKL08, Haz08b, HRT13, HD15, Jay98, KV20a, KB08, KFR21, KP12a, KS94, KSD10, KP12b, LCH09, LST07, Liu24, LORCG25, MH17, MGG19, MB17, MGDB19, NWY10, NBT24, PWF18, PR09, PBC05, PC07, QGVW17, RP01, RDW10, RBS25, Ros06b, RJLW20, SWW08, SYY24, Sta24a, Vas10, VLM22, YMW07, YHC16, YLY24, YP98, AE95, AP93, Dax93, GLZ22, BSS21, GW20, GHKS14, KHRvBW14, KRT21, SB15, PST15]. **Constrained-Transport** [HRT13]. **Constraint** [CR04, CDGM24, CLS16, CW06, Chr09, DW05a, KLT16, LSY+25, Le 01, PLVG+22, RP01, SSW21, dSL05, dSO21]. **Constraint-Preconditioned** [dSO21]. **Constraints** [AB08a, BKGV16, BMP14, BL07b, BIYS00, BL08b, BHM19, BMPS22, CGR14, CJY16, CS20, CYHY24, DTY20, FW24, GLxY19, GRMS09, HS06b, HKLW19, HJL+19, HGZ17, JN25, KM11, KPU21, KNV+16, LX14, wLxY00, LPY+21, MMVW13, MPRS23, Obe13, PRM97, PMSB12, RCC18, TP09, TCCK18, WW22, WBFA09, ZT17, dVPS+17, DR93a]. **Construct** [BJW18a, GJ21]. **Constructed** [BS05f, PS01]. **Constructing** [AJ22a, BT19, CKN06, JK08, NX13, SD10, Wan07b]. **Construction** [Abg09, Abg24, AMN15, AA00, ACG20, ACK19, BM10a, BM10b, Bör09, BCK22, BTK19, BT16, CHCX23, DDDS25, DD00, FV01, GL22c, GCG+19, GS02a, HS25, Joe93, Joe95, LM14a, MGH21, MV06, NXDS11, PGW17, RV22, SY18, SV03, SH01, SLC01, SSB08, XC20]. **Construction-Free** [GL22c]. **Constructions** [NJ14]. **Contact** [CSW99, CEP20, CHH01, GSV20b, HSWW08, HSW08, KO05, Kra09, PWGW12, WL97, WK03, Xu23, YY18, YSK19]. **contacts** [LP06]. **Context** [CRS+18, GKT09, JJK23, ten95]. **Contingent** [LCD18]. **Continuation** [BDF08, Bru18, BP22, CCJ07, CKK03, CDZ22, Der08, GKD05, HS16, Kue12, LS13a, LZ99a, LMR97, LC05b, Lui97, Lyo11, RAB+14, SSH06, TVV20, WYGZ10, vNLB04, LL93]. **Continuing** [DDF00]. **Continuity** [CM09, CDPC13, HVW25, YHSL24]. **Continuity-Preserved** [YHSL24]. **Continuous** [ACK19, BB13, BS95, BT04, BBKS20, BCJ+21, BB08b, BV00, Bur23, BG13, CHL20, CGSR20, CE17, DDDS25, EZ11, FEM08, GS98a, GPSY17, HM10a, HSU21, HH13, HRP20, Kim08, KW18, KS14, KK16, KTSB19, MMT15, MHW22, MS18b, Paz20, SL09b, SW10b, TSK09, Tou22, XC20, YWL17, ZKN21, BS94]. **Continuous-Discontinuous** [BB13]. **Continuous-Stage** [MHW22]. **Continuous-Time** [BBKS20, BCJ+21, DDDS25, KK16, KTSB19]. **Continuous-Wave** [BS95]. **Continuously** [GX16a]. **Continuum** [BDPR22, DNT24, OZ16, Sha12, WLLZ18, XJBS12]. **Contour** [GM23, HW15, LRS25, Sch94, Zha22a, iW11]. **Contraction** [HBSC97, HMvdG18, Mat18, SMM24]. **Contractions** [SDH21]. **Contrast** [EIL+09, HTH+16, YFCH24]. **Control** [AS16, ATWK19b, AD21, AD25a, AH20, AFS19, AFOQ19, AV21, AAO23, Aru12, BKGV16, BBH18, BGGM22, Ber98a, BH11, Ber95b, BG05b, BQRS23, BK00b, BIK02, BH08, BvW09, BSM24b, BFP22, CP04,

CGR14, CF00, CP03a, CK03, CP07, CPT05, CK98, CBDW15, CHH01, DHS22, Ded10, DZSN09, DZ12, DMBB10, DP19, EN16, ELM21, EM96, EHW00, EMT09, FL02, FR23, FÖ21, GYZ24, GPS95, GSS22, GM11, GS97, HS05a, HSB12, HN06, HHW00, HR99b, IR98, JPPZ25, KK18, KB08, KLS+15, KL12, KW10a, Kul12, KW15, Kus97, LPSB17, LSY+25, LV07, LSTY21, LU17, LP22, LBF25, LLX15, LVR24, LM14c, MSS10, MZDK22, MRW15, MP08, NVT24, NRMQ13, OPRB06, OS15, OSS22, PBP14, PS13, PG22, PMSI21, PST15, Rav05, RW11, RSZ24, RW13, RL13, RW06, SK25].
Control [SMN10, SBMR18, SRW+18, TUV10, Wan07a, WG12, WL20, YXTY24, Yiu95, ZHBS25, ZWH+14, ZFwCW15, ZYLW23, dCFC20, vWBV09].
Controllability [CFGLT22, NMS06].
Controlled [vLH14]. **Controller** [WOP23].
Controllers [AK04, OSS22, Rav02].
Controlling [Rub12, ZSD+10]. **Controls** [CFZ25, GXY15, HJ18b, RSZ24].
Convected [GT24, IR98]. **Convection** [ACH+23, ABR17, Ber95b, BBM+15, BDK12, BKS98, CLK18, CKV99, CDG+09, DMS01, DT00, DMRR19, FMM98, GR05a, GKV00, GM21, GB06b, GV98, HR99a, Hei96, HY10, JJK23, JX13, KGM+08, KGM+11, Kol99, KL00a, LE10, LP96, LMR98, LRD+04, LS05b, Lu95, MZ19, Not12, Pol16, TUV10, WX99, WW25, WE06, XQX15, ZLS12].
Convection-Diffusion [BBM+15, BDK12, BKS98, CKV99, FMM98, GKV00, GB06b, GV98, KGM+08, KGM+11, KL00a, LP96, LMR98, LS05b, Lu95, MZ19, Not12, TUV10, WE06, XQX15, ZLS12].
Convection-Diffusion-Reaction [ABR17, CDG+09, DMRR19].
Convection-Dominated [ACH+23, Ber95b, CLK18, DMS01, GR05a, GM21, HR99a, Hei96, HY10, JX13, WX99].
Convective [HHT03]. **Conventional** [LZ04]. **Convergence** [ABF96, AAO23, BK04, BSM24a, BVW03, BJW18b, CDH98, CH02, CK19, CL18c, DH21, DH95, DKPS17, DGN25, DV20, EH18, FS02, FP14, FK25, GJS19, Gee19, GGL07, GG18, GLC21, GK11b, HHSW11, HSN+20, HBS00, HCP+23, IM97, JN25, Kir24, Kol99, KBD21, LZ02, LNZ19a, LS05b, LR20b, MS19, MW03, Mit23, NN12, Par24a, PHW19, QS08b, Red99, Ros05a, SO15, Son12, SZW20, SLC01, SV25, Tao22, VCS24, VL10, Vil09, WMSG09, WZ15, WX17, You25, YWW23, vdVY00, BY93, HLS93, Lei93].
Convergent [Abg09, BB10, BK08, BM01a, BH23, CGO22, HO18, KLZ22, KK23, LWZ17, LQ24, NN19, Ros96, STY21, TBKF14, WYT18, XK08, YSK19].
Conversion [CC11, ZWK+25]. **Convert** [DTY20]. **Convex** [AP01, BV03, BW20, BCD+25, CDI+25, FKQS17, GNPT18, KY19a, LNS96, LTW18, MK96, OK13, Par24a, PK23, SCDM+10, TV98a, ZKN20, Zha20]. **Convex-Splitting** [CDI+25]. **Convex/Concave** [LNS96].
Convexification [GPZ17, KLRY25, XK08].
Convexity [LR99, Obe13].
Convexity-Preserving [LR99].
Convolution [ARM+19, Ban10, BSS17, DD13, GT06, GJZ18, HT14a, HS06d, JLZ17, KKT13, LM25, LDX25, LFLS08, LS02, PGLD96, RO15a, RWA95, SLFL06, WX17, XAW17, XL18, ZW03].
Convolution-Diffusion [GT06].
Convolution-in-Time [DD13].
Convolutional [TP21]. **Convolutions** [AT19, BR11, MMS23, MB24]. **Coordinate** [CWY17, DZ12, DFDM19, DR13, MB13, MHS98, PXYY16, QZZ14, TLLL23, VS23, WWYX20, WWW25, XS24b, YPN+01].
Coordinate-Stretching [DR13].
Coordinate-Update [CWY17].
Coordinates [AKMW25, BMTZ13, BN00, CDF18a, CSW25, CM98c, HK02, LWCL03, PKS21, QDKW18, ZWP21].
Coordinatewise [LLW19]. **Copolymers**

[CGO22]. **Copper** [Ben13, Ben15, Ben17, BD23, CM24, MY21, Sta24b, Tum10, TBC+11, Vas05, Yav19, vdV01, vdVDE+02, vdVDE+03, Vas07]. **Core** [ADL+12, GKN18, Ros96, RS99, RTR+16, XZL+25, AGL10]. **Cores** [BHL+20, FHL+23, HRR23, ROM18]. **Coriolis** [ADGP25]. **Corner** [CKS01, DP07, LTC13, SL09a]. **Corners** [EO16b]. **Corotational** [HSWW08]. **Correct** [Pat97, ZH09]. **Corrected** [AW11, BMV13, DR13, RWW14, Str95]. **Correcting** [SX16a]. **Correction** [AT20, AGM+24, BV20, BQR18, Buv20, CG24, CMM95, CC18, DH95, DT00, DGL+12, FTY15, GBM22, GXY15, GM20, GX20, Hei96, HXX18, HiH18, JLZ17, KSU14, KRS21, LHR+18, OZ16, SZ06, VC00, VA24, WJW21, Wu18, Yav98, LK93]. **Correction-Type** [CMM95]. **Corrections** [Bot23, CLGR25, CWX15, CGX21, HO96b, RS16, SAB14]. **Corrector** [RC06]. **Correlated** [BzCS11, Hei13, HTH+16, KY19a, KLLY20, OVV17, SM19]. **Correlation** [ABTZ14, LCD18, ZMS21]. **Correlations** [AC22, BBBV13]. **Correspondence** [WK18]. **Corresponding** [SSR+22]. **Corrupted** [HLZ13, MRL+17, YZY09]. **Corruption** [SX16a, VAF+24]. **Corruptions** [HN19]. **CORS** [CJH11]. **Cosine** [AMHR15, FO08, LCA08, LSYY21, RO12, RO15b]. **Cosmic** [SCM10]. **Cosmological** [RF10]. **Cost** [ABL20a, CDPC13, HCL23, RMC12, SE13, TWK18, UA04, WMSG09]. **Cost/Reliability** [SE13]. **Costs** [BSH16]. **Couette** [Kup98]. **Coulomb** [CHH01, GGLX25, GGM01, HCL23, HSW08, JLXZ21, XC20, XZS23]. **Coulombic** [HA17]. **Counting** [KPP+14]. **Coupled** [AHN+20, AFF+15, ALT24, ACO23, AM22, ABB23, ATK12, BF01, BBGS13, BG07, BKFG19, BHK+24, CABZ25, CLS16, DGN25, FHFR19, FN94, FCF19, GML+21, GSW+25, HKD13, HYW20, HSSZ09, KRRB25, KLJ10, LSV17, LSZ17, LRGO17, MB19, RWKW14, RWWK15, RSS20, SMZ18, SU25, WWL+25a, WH13, ZFZ14, Zha22b, ZS23]. **Coupling** [ACL09, AKMRB22, ACF09, ÁJHP24, BCAG22, BCF13, BCM15a, BK18, BJ08, BRDQ24, BCdF+20, BRK16, BKBT18, CHV+18, CSS12, CDN16, DL17, DFJS19, ES17, FGS14, GH02, GDC+23, GLL21, GJ07, Her08, HQH+16, KCZ15, KW16, KNV+16, LFM22, LQR12, LXK08, MNBK10, ORST12, PM15, Sha12, TK13, VY09, WLLZ18, WCL+21, dlRGH+25, DS95a]. **Couplings** [CCCZ10]. **Covariance** [BESS19, DN97, EAA21, FB95, NRSD18, OPR23, TTY16]. **Covariances** [CAB04, GLS08]. **Cover** [GS02a, HLZ19]. **Covering** [BLMS21, BLMS22, Wan13]. **Covolume** [CKV99, CMSS06]. **CP** [SS23, VMV15]. **CPTR** [RJLW20]. **CPU** [BBD18, HEGH14, XZL+25, YTD15]. **CPU-Accelerator** [XZL+25]. **CPUs** [RZTB22]. **CQ** [DF20]. **CQ-Wavelet** [DF20]. **CR** [GT94]. **Crack** [AFMP15, ACHN21, BCCK16]. **Cracks** [AKLP10, JLZ16a, ODN17]. **Crank** [JlLGZ20, LPP09, Mu97, Tie18, WRSZ18]. **Criteria** [AGL13, BHvST14, BR05b, Don06, EV13, FS08, GCG+19, GdSW25, INS05, JSV10, SRI+18, WI12a]. **Criterion** [CMM95, GL03, ZG23]. **Critic** [ZHL21]. **Critical** [BHW99, KM05, LZ01, LZ02, YZ05]. **Criticality** [HHM17, Zas95]. **Cross** [BLS14, DKS23, DV98, GK12, GH07, GMS21, KL15, RO15a, VO19, WE13, Woo94, ZWH+14]. **Cross-Entropy** [WE13, ZWH+14]. **Cross-Ratios** [DV98]. **Cross-Valued** [VO19]. **Crossed** [EAA21]. **Crossing** [JG02]. **Crossings** [BG11]. **Crosswind** [WX99]. **Crout** [LSC03]. **Crouzeix** [HM20c]. **Crowding** [Ban08b]. **Crystal** [AAB+15a, AEMM16, CS94, Fli13, GX16b,

HLM16, JSCB20, LQ24, PV15, RG13]. **Crystallographic** [TGPK23]. **Crystals** [CS94, CYZ17, MMRN15, RS00, TLLL23, ZYLW16]. **CSE** [DJM16]. **CSP** [HG98]. **CSR** [BNN23]. **CT** [RKW20]. **Cub** [AB08b]. **Cub-Octahedron** [AB08b]. **Cubature** [CZ13, dAFR25]. **Cube** [BHW99, CD15a, GMSB16]. **Cube-Partition** [CD15a]. **Cubed** [TDTF03, YCC10]. **Cubed-Sphere** [TDTF03, YCC10]. **Cubic** [BFK05, EL20, MS07d, TV98b, Zha18a, AE95, HHRV93]. **CUDA** [DARG13, Hog13]. **Cumulant** [DGP18]. **CUR** [GH23, KG18, PN25, SE16]. **CUR-Factored** [KG18]. **Curl** [BVV08, DDLP25, DFW21, DFW22, HZZ20, QSY24, RC23, ZWZ19, Doh21]. **Curl-Curl** [BVV08]. **Curl-Curl-Conforming** [HZZ20]. **Curl-Free** [DFW21, DFW22]. **Current** [AGHJ23, CCCZ10, IHTR12, JLZ16a, KL12, RH09, WKM+07]. **Curse** [OT09]. **Curtis** [EJJ08]. **Curvature** [Bru18, CS94, DN19, Dua24, Kog22, Kov24, KKK18, LCG21, LTG22, Ren15, Tim19, Vog16]. **Curvature-Augmented** [Vog16]. **Curvatures** [BG20]. **Curve** [BM11, BR14, BH16, COZ96, KK02a, MNRI19, ZD19, HO93]. **Curved** [CH09a, CW13, CW14, CS12, DL19, Far01, HSMT20, HT16, MAH22, MCH24, MZ24, SF08]. **Curves** [BBSV10, BHH24, DD00, EL01, EL03, GST23, GMPZ06, Hel11, JED10, Kog22, LNS96, MK96, MV06, Pol25, RV22, SL20, YH17, YH19]. **Curvilinear** [AORW20, BS03, CHW17a, CFJT18, CM98c, DKR12, GHTW00, Giu22, HLW13, KP12b, PKS21, War13, ZWP21, Zie12]. **Curvilinear-Orthogonal** [Zie12]. **Cut** [BRM24, BCM15b, CCS97, EMNS20, FHNZ24, FK21, GSM20, LYZ20, LTzT21]. **Cut-Cell** [LTzT21]. **Cut-Off** [LYZ20]. **CutFEM** [BEH+19, BHL22, CBK18]. **Cutting** [DP07, JED10, Pet99b]. **CWENO** [FK19]. **Cycle** [Fer98, KSB11, Kwa99, VCS24, VL10, BGP94, TW93]. **Cycle-Convergence** [VL10]. **Cycles** [AY23, FD03, GKD05, MT24, TB24]. **Cyclic** [AP97, CWY17, GM21, Pen00, Reu99, LJ93]. **Cyclically** [GV98]. **Cylinder** [HLP08, NH12]. **Cylinders** [CFM96, GP96]. **Cylindrical** [HW15, LCH99, She97]. **cylindrically** [WM93].

D [Mir21, ACD+08b, BWV15, BH97, BI09, BK14, BIA99, BIA05, Bur97, CMV97, CP13, CWL+14, CCC18, CD01, CDB13, CGX21, CMSS06, CH11, DHM22, Don06, FMW19, GH13, GvR22, GV16, GD03, HA01, HHLZ21, KW07, KAU18, KP06a, KLZ22, KC16, Kra09, KNV+16, LRP07, LS12b, LFJS14, LYL+11, LW03, LLLL24, Min02, NN03, PATF19, PTT20b, PS10b, PWGW12, PELY13, PRSS11, RL18, RH06, Sma01, VB07, WZC19, ZNZ16, ZND18, ZCW10, vVKA11, vdSF21]. **D-RBF-PU** [Mir21]. **DAE** [CLPS03]. **DAES** [Bar05, ABST13, AL97, BHA25, GLMS22, SBS98, SKP22]. **DAGs** [HRS10]. **Damage** [BA05, BL23b]. **Damped** [BV09, EKLS+18]. **Damping** [EDGL12, HWZ19, Kol99, WWJ12]. **Dantzig** [FLX21, WY12]. **Daphnia** [BGSV15]. **Darcy** [ACO23, EZ11, ACL09, AHT17, BKKM22, BT13, CDF18b, CLS16, FHNZ24, GHMY18, HLLM15, LGHL23, LTW18, LBHH22, VY09, XZ10, YFCH24, Zha22b, ZS23]. **Darcy-Flux** [EZ11]. **Darcy-Forchheimer** [ACO23]. **Darwin** [LM15]. **Data** [AG25a, ABKS16, ATWK19a, ATWK19b, ATWK20, AGSV25, AVBTG17, ACLZ15, AKM+14a, AKMW25, BDS98, BL03a, BLS06, BG10, BB08a, BzCS11, BBW24, Ber00b, BDV25, BEA+25, Bör09, BT20a, BBC+21b, BZ97, BGR16, BTLZN22, BFI07, CHCX23, CBHB19, CHL20, ÇKAA22, CILW23, CPT05, CGZ24, CZ25, CH09b, CKLN98, CE17, DGS08, DJM16, DG17a, DFH+19, DKS23, DMM18, DMM19, DSZ13,

EPSU09, FDH+20, FNR25, FS12, FS13, GSWZ20, GLS08, GS12, GPA18, GGB22, GH14, GMPZ06, HMST11, HHS+16, HBG25, HW99, HKC+04, HM20a, HC18, Hok20, Hös94, IS17, IA14, ILW17, JL19, JL20, JLZ16b, KXZ24, KSHMC23, KTB14, KLN20, KY14, KLS08, KP05, KHW+14, KP07, LOSZ07, LMM18, LR99, LNS96, Li99, LLSX21, LGHL23, LSG24, LZ13b, LWZ24a, LS09, LB07, LB08, MZM25, MKW23, MZW09, MDC08, NNT13]. **Data** [NHZ25, PS18, PPVV25, PGLD96, PGW17, Peh20b, PVK16, PCL+16, PR22, PDC99, PS12, PJ96, QCJX21, RSNNR17, RLG98, RDB16, RNR13, RG20, RBG23, RLA25, SDNL10, SX16a, SKN19, SKJ+13, SKT25, SX11, SW10b, TP18, Tad20, TZ18, TP21, TBKF14, Til15, UWWP23, VAF+24, WMP24, WDT22, Wil09, WQX20, XMRI18, YCZ13, YS16, ZCC+16, ZFHS15, Zim20, dSGS22, DR93b, Gu93].
Data-Assimilation [TZ18].
Data-Bounded [Ber00b].
Data-Consistent [BBW24].
Data-Dependent [BEA+25]. **Data-Driven** [CHCX23, CBHB19, CZ25, DKS23, GPA18, GGB22, HC18, Hok20, IA14, LSG24, MZM25, MKW23, PPVV25, PGW17, QCJX21, RBG23, WMP24, WDT22, XMRI18, BBC+21b]. **Data-Informed** [BT20a]. **Data-Noise** [BG10].
Data-Parallel [CKLN98].
Data-Quantitative [ATWK19b].
Data-Sparse [BB08a, Bör09, LOSZ07].
Database [HBJ04]. **Datasets** [YYWY18].
Daubechies [Jam96]. **Daubechies-based** [Jam96]. **Davey** [KR11]. **Davidson** [AH04, CPS94, FSvdV98b, GSR19, HL10, Hoc01, HHLW15, HJ19, NvdP00, RO18, RZTK+15, SSW98]. **Davidson-type** [NvdP00]. **DC** [vdDA12]. **DCT** [ZLBC03].
DD/AMG [BFJ+15]. **Dealiased** [BR11].
Dealiasing [MB24]. **Deblurring** [BNP15, BDE08, BDR18, CDBH16, CC10, CH08b, DEC05, FLDT25, MO00, NCT99, SC03, WNC08, YZY09]. **Decay** [BC13, Gos12b, ZCZ04]. **Decaying** [ALl19, KPR25]. **Decimation** [AKW17].
Decoding [HJLZ18]. **Decomposing** [KMZ+25, ZBdAF20]. **Decomposition** [ABLS05, AALPC25, AGVG24, AJS22, AJ22b, AK17, ADGP07, AK04, BMP14, BMP16, BO17, BDD+97, BDHS10, BJNN02, BL04a, BFJ+15, BSSS23, BLB00, BCLT15, Bet08, BLP14, BF95, BFK03, BEKM16, BT13, BIA05, BCY21, BHM19, BDG20, Cai95, CQ24, CMS94, CGM+21, CDS98, CB22, CYHY24, CRO23, CBS00, CJMS23, CCG14b, CGHT14, CML+18a, CML+18b, DU19, De 12a, DM13b, DT95, Den97a, Den97b, DL23, DW17, DKK21, DW94, FVV21, FHP24, FKK+14, Gar94, GH23, GKNW18, GLMN15, GBC+20, GJM94, GST23, HMN+13, HLLM15, HIT19, HN06, HKLW19, HHK19, HKL23, HM14, HS06c, Hes98, HLR18, HJJ22, HJMS07, IW14, JFG13, JKKM01, JCL07, JS10, KXS18, Kal20, KU18, KR23, KPS+25, Kla98a, KW00, KLR15, KLW24, KKKK24, KMZ+25, Kus97, KKK+25, Lar99, Lee13b, LN17, LPP19, LJ19, LW15]. **Decomposition** [LBHH22, LLJ22, LST+24, LT20, MRS04, MBL+25, MPRW98, Meu01, MLB24, MNU23, MVBS23, MR94, Mu95, MZ19, NH13, NRSD18, Nov23, OT11, Ose11, OX22, PNL+21, PHY20, PS10a, PN25, PDG20, PL12, PK19, QWW25, QSM19, QSV06, Rav02, RL10, RSSM18, Rei21, RGG06, SRM+15, SRT23, SMYS21, SS23, SAY03, ST98, Ste99, SXY24, TLN14, TS11, TS24, VVM12, VMV15, WZ22, WZZ+25, WG00, WCG23, XS24b, YCC10, Yu01, YSS07, YYY11, ZT17, ZND18, ZBK18, Zha22b, ZS02, Ain96, ALT93, BD93, BZ93, BR95, Cai93, DS95a, Hes97, Nat95, Nat97, SS93c, MDA22].
Decomposition-Based [CBS00, JS10, KLW24, KKKK24].
Decompositions

[ABD25, CP17, DH16, DMM18, Hös94, LWZ13, Rah13, RDB16, VDD19, YR98]. **Deconvolution** [Bar99, EK14, DG95]. **Decoupled** [AHN+20, GHMY18, HZXC16, KS14, LGHL23, SRS19, SY14, Ske00, Yan21, ZHY21, ZLZ22]. **Decoupling** [AM22, LC05a, LC08, Sch02, WNC08]. **Dedicated** [DMD+12]. **Dedication** [PS97]. **Deep** [AAO23, AT23, BBC+21a, CLL20, CHWY23, CGL24, CDS24, DGM25, FK25, GPW22, GN22a, GN22b, GN23, GJ21, HJZ23, JPPZ25, JSC24, KPR25, KK23, LCG21, LS24, LBYT24, LR25, LMRS21, NZGK21, NCCR22, NHZ25, SYY24, TPQD22, WZB+23, WWL+25a, YDK22, YY25]. **DeepONet** [KK25]. **Defect** [DH95, DT00, EM96, GGS19, Hei96, SZ06, LK93]. **Defect-Correction** [DH95, DT00]. **Deferment** [PSB+06]. **Deferred** [AT20, AGM+24, BQR18, Buv20, CLGR25, CC18, FTY15, GX20, RS16, VC00]. **Deficient** [PRM97, QOQOP99, Sco17, Wan97]. **Defined** [DPF15, Isa20, MT19a, MFSY19, OR24, PHA18, PV08, RL18, RS03, Say15, Zhe07, BGP94]. **Definite** [ARS21, AJ22b, BGLY05, BGM13, BKR25, FEM08, GM17, HP21, JFG10, Lan19, MV00, MB99, Ng00, Pla15, SO18, VSS14, Zha96, FS96, FF94, MO21, GLMS22]. **Deflated** [ARMNW10, GGPV10, JvGVS13, Mor02, RF07, SYEG00]. **Deflating** [SO10]. **Deflation** [AEFM17, BEPW98, CGL+13, DV20, FBF15, FV01, GSO17, HLM16, KR12a, NV05, RWB25]. **Deflation-Based** [FV01]. **Deformable** [ABCP08, KRDL18, MML+24, PRM09, Ros06a]. **Deformation** [GKT09, MGDB19, PWGW12, SXL+22, YSK19, de 99]. **Deformations** [DGY25, DZ08, EHLW20, GBS+22]. **Deforming** [Ros05a, Ros05b, SGS22, TK13, ZHQ20]. **Degenerate** [BCF12, BBM+15, CS25b, CLST03, CHL16b, LSZ11, Slo02, WY19]. **Degraded** [NO98]. **Degree** [Ash95, BF24a, CF23, DEV16, Gre03, Hok20, IMS96, NP17, SV11]. **Degrees** [HHL07, Lin06]. **DEIM** [SE16, WSH14]. **Delaunay** [CWL+14, CC06, CC09, CC12b, DV98, FCC10, Gär09, HGPM14, Joe93, JGZ06, LC05a, LC08]. **Delay** [BP97a, BMV05, CZK15a, ELtHR00, GH25, HV04, HXB11, HXB13, JMM10, Kus00, May08, SDC24, SSH06, TSK09, WRSZ18, ZCZK14, ZPE12]. **Delay-Dependent** [HV04]. **Delay-Differential** [SSH06]. **Delayed** [MK24]. **Delays** [GH25, HV04, PvdVvG17, SE11, SE13, WZ21a, XZB11]. **Delta** [SJD14, Wen08, Wen10]. **Deluxe** [BPS+14a, HPS22, WSP22, ZT17, dVPS+17]. **Demonstrated** [PWM22]. **Denoising** [AKM+14a, BBH+25, CC10, CC03, CMK11, HID23, LLZW19, VO96, WNC08, WY13]. **Denominators** [CV25]. **Dense** [BOR97, BDvdG05, Bör07, Che98, CPD17, DB98, FT03, HLD12, HW94, HJS99, Hog13, LXdH16, Nat98, PPB13, Rah96, RZTB22, ST17b, ST19, TMA23, WLX+13, Xia21, Yan94, LJ93]. **Densest** [TGPK23]. **Densities** [BBT24, BJW18b, CCRT21, DD25, GZYW18, Gub96, KKS08, SY10a, XLS18]. **Density** [AM05, BR19, Bar12b, BCD+25, BTGH12, CK17, DKS21b, EMT09, ES00, FGMP13, FGMP14a, FGMP14b, GHKL22, GKM+17, GYM25, HNU23, HSF07, HLZ25, KY19a, LY13, PATF19, PCL+16, Red99, RN14, TV98a, UWY+15, WK18, vdSF21]. **Dependency** [Til15]. **Dependency-Aware** [Til15]. **Dependent** [ATK12, BS15a, BEA+25, BFN17, BCM11, BFS16, BCCX21, CB98, CCG14a, CEJ+10, CCLZ25, CCA20, CIZ18, CBS00, DL20a, EKSW15, FEL18, Fu21, GN19, GLOR16, GC17b, HJ18b, HV04, Hwa07, ISS19, KPS19a, Kna98, LH00, Luo19, MCL19, MO00, ML11, MNZ15, PNW16, PN25, RPK18, RZ03, RSSZ08,

RWX07, SE11, SB05, SKJ+13, SSN19, TUV10, TPT+16, Wel17, XCS16, ZN16, ZCW10, ZGK20, ZWL+25, vSRV11, Nor07]. **Dependent/Algebraic** [TPT+16]. **Deposition** [GST+99]. **Depth** [ZCE06]. **Derivation** [ABBM98a, CGI11, FHFR13, XW05]. **Derivative** [AMHR13, ACG20, AMV22, BtVÇG+10, CCH+25, CAG+19, DZ15, FF15, HR14, HBSC97, IT14, KR17, LORCG25, MGG19, NL16, SPKB13, SXXN22, XC13, DS95b, SS93a]. **Derivative-Based** [CAG+19]. **Derivative-Extended** [SPKB13]. **Derivative-Free** [SXXN22]. **Derivative-Informed** [LORCG25]. **Derivatives** [Cao07, DS97, GPHHAPR18, GPK04, HW14b, KP09a, Man99, OR18, ÖB05, RKLN07, SSW18, MS93a, WTS94]. **Derived** [ATWK19b, CL03, LM00]. **Deriving** [DO11]. **Descent** [AS21, CCY23, DFDM19, LLW19, NLY23]. **Described** [AKM14b, GLT18, GPS95]. **Describing** [MK96]. **Descriptions** [GZ19]. **Descriptor** [GSW13, HSS08]. **Design** [APSG14, APSG16, AS18, ACLZ15, AC22, ALM22, BFI07, CM98a, CM98b, CABZ25, CGDD11, DKKP14, DW17, EHS19, GS12, HOY03, HHP21, HHP22, HAS20, HMR09, HRS10, LPSB17, LSN25, LD04, LPY+21, MEHL16, PTvR+14, jQZ24, RtTBAI21, RCC18, SRS19, ST03, TCCK18, WOP23, WCG23, XZ14, vdHCDD15]. **Designed** [BEOR17, KKN18, KKN21]. **Designing** [AL24, CCO11, Huc08]. **Designs** [GHKF22, HRP20, LWZ24a, WMP24]. **desingularization** [HLS93]. **Detailed** [HS16, YS16]. **Detect** [MBKR22]. **Detecting** [CE17, FD03, VP11]. **Detection** [ACY+20, AFMP15, BS95, BBC+16, CGKM16, CD06, DG17a, DGLW16, HHMDC18, HA08, LS09, MRL+17, VR16, WDG+18, ZLWZ18]. **Detectors** [AdSK19]. **Determinant** [CG18]. **Determinantal** [PH16]. **Determination** [Jac03, JK15, NH14, SCC17, XC13, Sar97]. **Determining** [BIK02, CWD13, GJ05, HHP21]. **Deterministic** [CCM05, FS12, FS13, JKM24, Kue12, LTT16, PDG20, Ros96, WKKP13, XZ14]. **Deterministic-Stochastic** [FS12, FS13]. **Deterministic/Monte** [WKKP13]. **Detonation** [BJ01, BBH+16, DWQY19, HLW00]. **Detonations** [COZ96]. **Developing** [LHL11, Wal18]. **Development** [DMBB10, LZ99a, PV15, TKCC13, WL01, CSS93a]. **Deviatoric** [Rei20]. **Device** [FFMT96]. **Devices** [BBGS13, BG07, BBH+16, RWA95, TJ25]. **devising** [Yav93]. **Dewetting** [GE25, ZJB20]. **DFN** [BPSV15]. **DFT** [DMM19]. **DFTs** [PSFL20]. **DG** [PL21, AW20, CHW20, EMNS20, HCP+23, KR14, KZP20, Leh15, LGW19, MK24, SK25, ZHBS25, ZHQ20, ZP20, Zha22b, ZVF18]. **DG-Interpolation** [ZHQ20]. **DGTD** [LSV17]. **Diagnosis** [BT00b]. **Diagnostics** [Str93]. **Diagonal** [AKA13a, APÇ04, Cas97, NP10, PKNS14, Saa05, TS11, VV13, dSL05]. **Diagonal-times-Toeplitz** [PKNS14]. **Diagonalizable** [HLTT97]. **Diagonalization** [BOR97, BSM24a, GHRR19, SBR06, WZ19]. **Diagonalization-Based** [BSM24a]. **Diagonally** [CEHN08, KW15, QS08a]. **Diagonals** [DHHR09]. **Diagrammatic** [CWY23]. **Diagrams** [JJCX24]. **Diamond** [MHL+15, MW15]. **Diblock** [CGO22]. **Dielectric** [GJLX16, MG11, XJBS12, XJS13]. **Dielectrically** [GGLX25]. **Diffeomorphic** [MR17, MB17, MGDB19]. **Diffeomorphisms** [CM09]. **Difference** [AH18, ACHZ21, ACH+23, ABHS22, ABCH23, BOB+19, BS04, BM10a, BM10b, CCJ21, CZZK16, CLTX15, CFJT18, CGX21,

CG24, Dar21, DGLW16, FV06, FO19, FS02, Gao23, Gas13, GHST98, GLW18, GW04b, GM04, HZ11, HPAS24, HS24, IW14, ILK05, IT09b, Jia14, JSZ13, JX13, JZ00, KP09a, KFM25, KW16, Kup01, LNP15, LSW17, LN03, LW03, LSZ11, LP03, Lu95, LGYZ24, LK98, MC10, Min02, MSK25, MR18, NN03, Not00b, OL98, OSCE00, PKD13, QS03, RU01, RLC08, SXXN22, Str99, TB99a, TW05, Tie18, TLH21, Wan04, WB12, WDG+18, WLZ18, WP19, WDGK20, XS24b, Yam02, ZLLT13, ZWP21, ZLZ22, ZZX23, ZLJ96, Zin00, dVM08, Elt96].
Difference-Quadrature [AH18].
Difference/Element [ZLLT13].
Differences [ADK+98, BBHJ21, Hun96, JBH20, Kwa99, RMR15]. **Differencing** [BT03a, BN13, BMV05, Kye12]. **Different** [BBKS20, CHZ21, RL18, SY10a, BME93, BEM94]. **Differential** [AC08, ACVZ12, AVZ13, AdS22, ACP25, AW15, AS94, BP97a, BJNN02, BS96a, BBH18, Bea20, BCM05, BB03, BKS23, BBC07, BMV05, Bre17, BHP98, BHW99, BOPGF06, BB02, BLL07, BDW11, CG18, CG95, CB98, CLPS03, CP04, CZK15a, CZK15b, CZZK16, CCG14a, CJGX15, CHWY23, CKK03, CCG14b, CMM95, CRV13, DL19, EPR10, EF15, ELtHR00, EM99, FBF15, FK25, FGH+08, GASSS98, GGS19, GK03, GLT18, GB98, GPS95, GH25, GRPK19, GW00, HO18, HHS+16, HTMM15, HvBW23, HH13, HKL+22, HJ98, Hir24, HLS98, HO94, HO96b, HVW95, HV95, HRS19, HHL07, HG00, HV04, HXB11, HXB13, IM99, JBH20, JL03, JLM25, JSC24, KXZ24, KK13, KKN21, KZK17, KS20, KLR15, KCB17, KW15, KMRW97, KR12b, LL17, LCH09, LU17, LV20, Lee09, LMW15a, LE17, LLS13, LCD18, LN05]. **Differential** [LPR98, LJ17, LZ20, LZ13a, lLN21, LCH99, LCR20, MPS18, MR09, MGG19, MGB18, MB00, MPW18, McL95, MKW23, MT97b, MT06, Mis01, MSK25, Moo00, MS07e, Mor23, MTBT17, NP25, NT18, PRM97, PP12b, Pul08, QFW22, RPK18, RMB00, RF10, RNR16, Rim18, RW06, RWX07, Sch98, Sch05, SE11, SE13, SWX16, SDC24, SB05, ST23, SSH06, TSX17, TX24, TSK09, TS14, VZA+23, Vil14, WL08, WMHK19, WC22, WH13, WC17, XK02, XH05, XT06, YZK20, YR12, ZZK15, ZMK17, ZTBK18, ZTRK14, ZCP06, ZFZ14, ZHL21, ZV22, ZPE12, ZKV99, Zyg11, bZOW07, AGC96, AH18, Bøe93, BHP94, Gre93, HHRV93, Lam97, MT97a, MS93a, jQZ24, ZV05].
Differential-Algebraic [AS94, BHP98, CLPS03, CKK03, GB98, GPS95, GW00, HTMM15, KMRW97, MB00, PRM97, RMB00, Sch05, BHP94, MT97a, MS93a].
Differentiating [SW22b]. **Differentiation** [ALLK15, BBR04, BV00, CV98, CJ99, GM00b, HBSC97, JSZ24, KLZ+06, LLHF13, LLTY25, LKvBW10, MB00, NRO22, NTZ+25, PT08, XC13, AMB+94, Jam96].
Diffraction [HSSZ09]. **Diffuse** [FKQS17, JLY08, KdS05, KSW20, LZC+25, OKdSG17, QS14, SKMF15, WLY25, dSK11].
Diffuse-Domain [LZC+25].
Diffuse-Interface [KSW20, WLY25].
Diffusion [ADR14, AN17, ABF99, ACH+23, ABK+24, ABR17, And17, AWA+18, AHH12, AKM14b, AM05, BLPP24, BL23a, Bar12b, BG98, BCI22, BPR13, BBM+15, BHMX18, BDK12, BDV24, BW01, BKS98, BHK12, BG04, CCEO24, CK17, CNP12, CH08a, CDF18a, CMK11, CD15b, CLST03, CKV99, CDG+09, CFM96, CE16, CHL16a, CHL16b, DGK23, DMRR19, DMSC18, DY23, EO15, EO16a, EHT24, EFHL09, EV13, EPSU09, FMYT16, FMM98, FDS13, FDE+06, FL19, FJHM19, GLR23, GW15, GKV00, GJSZ25, GHH07, GB06b, GT06, GHL+23, GV98, GGS08, GLW18, HG98, HP14, HSMT20, HKM20, Hen05a, HLT16, IP06, JJK23, JX13, JLY08, JLZ16b, KGM+08, KGM+11, KBK+08, KRRB25, Kla98a, Kla99, Kna98, KL00a, KL11, LS12a, LP96, LMR98, LR12,

LSW17, LM08, LZZ24, LW12b, LS05b, LSV13, LWW22, LCXZ25, Lu95]. **Diffusion** [LX16c, MRI21, MMR19, MEHL16, MO10, MBS22, MZ19, MPS09, NQE25, Not12, PKNS14, PNW16, PDH09, PS08, PS13, PP05, Pol16, PC98, QNNZ19, RC06, RNV17, SBP04, SRS12, SWN20, SY08, SYY09, SM94, SSR21, TTSM08, TK13, Toi08, TUV10, TM14, TW17, UEE12, VS04, WXK04, WDE+99, Wan07a, WB12, WH15, WRSZ18, WYT18, WDGK20, WW25, WE06, WZ21b, XQX15, YTLI11, YCN21, YCY19, YYY11, Zbi11, ZJC12, ZRTK12, ZZ22, ZHDZ17, ZTM+16, dFL05, dSGS22, ZLS12]. **Diffusion-Advection-Reaction** [Zbi11]. **Diffusion-Driven** [YCN21]. **Diffusion-Reaction** [EO15, EO16a, VS04]. **Diffusion-Wave** [JLZ16b, ZZ22]. **Diffusions** [BQRS23, DMR17, JKLZ18, KOSB16, Tre25, ZWH+14]. **Diffusive** [CM09, CILZ15, DPS18, GM20, JLP18, LS23, MBS22]. **Diffusively** [BMV13]. **digital** [Gu93]. **Digits** [Nik13]. **Digraphs** [MZW09]. **Dilute** [KP10]. **Dimension** [Ain14, AS16, AGK18, BS05a, CM98a, CKLL16, CABZ25, DDP25, DSRMK17, FK21, GBCT10, GST23, HKK+22, HC95, IT14, KU18, LZMW20, LYLC17, MR07, NG18, OB21, PSDF12, Red99, RT99, SvG10a, SD10, TWJ+23, WS05, WWH17, ZCPM20, ZP18, dSGS22]. **Dimension-Independent** [CKLL16]. **Dimension-Oblivious** [GST23]. **Dimension-wise** [OB21]. **Dimensional** [ABC+16, APSG14, AS18, AILP07, AO17, AHR12, AGPR19, Aru12, ASS16, BLPP24, BT06, BBKK97, BPS22, BBSW94, BDZS24, BMMR20, BLMS21, BF22a, BK20, BP22, BP06, BBH20, BTWG08, BTGMS13, COZ96, CL18b, CHR99, CHL20, CGS02, tVÇAU10, CGV18, CCL+20, CJGX15, CGZ23, CZ23, CC09, CL08, CAG+19, CJ95, CGM00b, CST+13, DFS17, DD00, DTR21, DF20, DL19, DSRMK17, DF99, DSZ13, DHZZ18, ES22, EPSS22, EFHT23, EdDP09, FCC10, FSV22, GYZ24, GJ08, GVP06, GKC13, Giu22, GC19a, GGL+98, GB06b, GT06, GV98, GH14, GN22a, GN23, GC16b, GMY24, HHMS15, HM98, HJ07, HZXC16, HRT03, HRT13, HC98, HYW+25, HZKK25, HR99c, HSW08, Hun95, Hun96, HGPM14, ISW18, JK07, JPPZ25, Joe95, JK08, JP01, KK18, KL06, KL10, KR06, KS17, KS15a, KWG+20, KPW17, KLLM22]. **Dimensional** [LL98a, Le 09, LP08, LS95, LCA08, Lem16, LB15, LY16, Liu20, LQC23, Liv08, LSPRV21, LBBG24, LD04, LGYZ24, LORCG25, Mac98, MRI21, MV09, MABO07, MXYB16, MMR19, MB13, ML11, MZDK22, MZ94, MMN00, MDC08, NKLW94, NZGK21, NJ14, NS06, NMAB11, OS14, PJZ23, PF23, Peh20b, PNP13, PVK16, PMR16, Pet99b, PMSG14, PP13, PM15, Rak21, RRR03, RT01, RW07, RF10, Rim18, RDP08, RO12, Sch02, SWB16, SY10b, SY12, SWX16, SM94, Sma04, SCY25, Ste16, SJD14, SLZ+25, TCY25, TLLL23, TMM20, TC99, Tsy99, Ush01, UWWP23, VA24, Vil09, VS03, WXK04, WZB+23, WS05, WMC12, WB12, WBTG18, WWL+25a, WWM03, WO98, WCHZ14, Wen08, Wen10, WSP22, WSX17, XBC96, XZS23, Xu04, XW05, XWT24, Yam02, YHQ12, Yu01, ZzSpH14, ZHL21, bZOW07, dSGS22, vdHCDD15, APSG16]. **dimensional** [DKK21, Elt96, ED95, Joe93, KT08, LZZ18, LB25, SRCG93, SMR01, Hes97]. **Dimensionality** [ABTZ14, GH14, HBG25, OT09, Sma04, ZZ04, ZCC+16]. **Dimensionally** [MS20]. **Dimensions** [ABMR11, ABIGG16, ASS25, AA02, BK99, BL23a, Ber95b, BGH19, Beu05, BM05, BBMR03, BKS13, CM98b, CP07, CXZ25, CD20, Dk00, DS14, DK03, EZ11, EG01, FMS24, FK00b, GGLT00, GK98, GC97, GML+21, HT17, HKKR19, HKLW21, HZZ20, HS94, JVG12, KKN18, KKR16, LAG14, LL19, Leh15, LCY+20, MXB15,

MLL13, MY20, Moo00, NX12, NH12, Ong97, OT09, PV08, PWZ10, Pek12, PSSW15, QSY24, RRR05, RR98, ST24, Sha12, SWT00, TCZC19, TT13, Tu07, WS07, WDE+99, WG18, WLLZ18, XB16, YTLI11, ZF14, ZWZ19, ZXY21, ZJB20, aKT18, Cai93, EOD93, HHRV93, MSS12, Smi93]. **Dimer** [YZZ19, ZDZ16]. **Diminishing** [WI12a]. **Dipolar** [LZ25, TXZZ22]. **Dipole** [Rah96, WKM+07, vWBV09]. **Dirac** [AOS20, BK14, FKK+14, Rub12, SJD14]. **Dirac-Delta** [SJD14]. **Direct** [ALM19, ASS16, BACF08, BM95a, BIA05, BP24, BH14b, COZ96, CGO22, CCC17, CKXZ18, CILZ15, CIZ18, CHZ21, CPD17, DK10, DAE02, For24, GHRR19, GG19a, GM14a, GGK04b, GBS19, GJ21, HG12, HG00, IL24, LAG14, LZ21a, LL00, LXdH16, Mir21, MS03, NHZ25, NNH99, PR09, PP12b, RT99, She94, She95, SWX16, SZZ21, SV00, WEB25, WT16, XXdH+17, XOMN10, YMW07, ZC25, BME93, BEM94]. **Direct/Iterative** [BP24]. **Directed** [CGO22, HÖU+19]. **Direction** [BF06, CG18, CCRT21, CCL+20, HV96, JSZ22, MO10, NWY10, NWY11, Rak21, Sta94, WY12, WJW21, WY13, YZ11, YYWY18]. **Directional** [BPT+14, CCFG23, EE14, EY07, ÖB05, RL17]. **Directions** [CJ95, GT19, FGM95]. **Director** [RG13]. **Dirichlet** [AO17, BK00a, BP06, CCG14a, CS12, EO15, Fli13, GL21, HJ18c, JP16, KL06, KP05, NXDS11, OK13, OWO14, PMH+16, SW16, Wan22, YCZ13, Zha94]. **Dirichlet-to** [Fli13]. **Dirichlet-to-Neumann** [NXDS11]. **Disaggregation** [KV13, DS96]. **Disappearing** [APZ13]. **Discontinuities** [ALRT17, GB98, GM14b, LS94, RH06, TB02, WL97]. **Discontinuity** [CCL24a, DQQ13, IT14, LCH09]. **Discontinuous** [AB17, AM19, AGH13, AFRV19, AM20, ABMP22, ABB23, ACCP13, BB13, BLPP24, BBHJ21, BDGK18, BCS11, BBT19, BDK12, BMV11, BKBT18, BG04, CQ22, CDG17, CR23, Cas02, CNP12, CKQ14, CDF18a, CT03, CW17, CHW17a, CHW17b, CMS17, CD02, CSX24, CZ22, CVK13, CHH10, CDG+09, CS16, CGP19, CKRS07, DEM+20, DLM16, DMRR19, DGK21, DF99, DHE13, DWQY19, EKSW15, EM24, EBK25, EVLW17, EIL01, FKMR19, FDS13, FRS19, FHL13, FK21, GKRNS19, GK11a, Gas13, GvdV17, GHH07, GL08, Gia18, GK19, Giu22, GG19b, GTLSCDGR24, GH99, GX16b, GC16b, GC17b, GY17, GX20, GSM20, GW04b, HA01, HSK19, HHM17, HHE10, HH02, HSMT20, HRD21, HHvR03, HLT16, HS01a, HS18, HS99c, HXB11, HXB13, HC20b, HLL+22, JWH08, JP24, Kan03b, KSMM18, Kim05, Kim08, KG14, KT08]. **Discontinuous** [KLL+23, KP06b, KW18, KO13, LM20, LI01, LLLX16, LSY19, LST20, LY20, LW25, LY14, LX16a, LSZ17, LLS22c, LLS24, LK98, LCK21, MN07, MRFV18, MMT15, MRB23, MW22, MKRK13, NP17, ORST12, ØLW08, PCFN16, Paz20, PTT20a, PP08a, PP08b, Pet05, PRSS11, PoH09, QS18, QS05a, QS05b, QS08b, RMC12, RG09, RDL24, RSA05, SSDN12, Sch98, SKWK18, SSR21, SKPD22, SKP22, SD21, SH20, TLLK09, TCZC19, VA24, War13, WWM03, Whi15, WS18, WX21, XQX15, Xu04, XS08, XOMN10, YJXZ22, YHL19, YCS16, ZKN21, ZK14a, ZCZK14, ZCL+11, ZC24, ZP18, ZWG21, vSRV11, vdVXX19]. **Discontinuous-Coefficient** [DF99]. **Discontinuous-Continuous** [Kim08]. **Discovery** [ZT25]. **Discrepancies** [GPS12, MC94]. **Discrepancy** [CZ13]. **Discrete** [AP14, AN16, AB08b, AKM14b, ACD+08a, ACD+08b, BKM19, BT06, BST08, BPS13b, BPS13a, BSV19, Bur97, BHL22, CHKM13, CS10a, CW13, Che13, CW14, CW16c, CYDK21, CH11, DHJW08, DN19, DG16, EEO01, EdDP09, FH06, Far24, FT03, FGH+08, FK18, Gär09, GNOR14,

GZYW18, GZW18, GLZ22, HHE10, HM10a, HH13, HPS06, HPAS24, HVW25, HGPM14, ISS19, JV96, JLZ16b, KH22, KR21, Kof04, KZ16, KPW17, LdGK20, LCA08, LM17, LW20a, LSZ23, MRS04, MEHL16, MNvST13, MRKS21, MM07, MRL+17, NW22, OV07, PV23, PBWB14, PDG20, PRR05, PEdD12, Rah96, RSD+20, Reg96, RF10, RS02, Sai20, SBX+08, SW22a, SH20, SW10b, TZ14, VN03, WO09, WB00, WEB25, WkZ15, ZD09, ZHY21, ZCS22, dZHY23, ZHY25, ZW03, ZRK15, ZNX14, vGEV07, AD96, HO93, Sch96].
Discrete-Dipole [Rah96].
Discrete-Ordinate [HHE10].
Discrete-Ordinates [AKM14b].
Discrete-Time [JV96]. **Discrete-Velocity** [BST08, HPS06]. **Discretely** [DW24].
Discretisations [Hun95]. **Discretization** [ABBM98a, ABBM98b, AGH+20, ACHZ21, AHH+23, AH20, ABR17, ACO23, AM22, ABIGG16, BMV18, BSV19, BBH24, BAS09, BP12, BJP+22, CCRT21, CJ05a, CEP20, CV16, DJP00, DT00, FHL13, GCS19, Gas13, GV98, HHvR03, HJP03, HH11, HZ16, HL17, HV07, JSZ13, JSZ24, KLV+16, KV20a, KMS15, KGR16, KG14, LDS11, LMW17, LD16, LBBG24, MGB18, PMH+16, Pet05, Pic10, RW22, SSR21, TBM21, TC12, WSGT24, WvdZSvB18, ZHBS25, Zha22a, dVL10, Gre93].
Discretization-Error-Accurate [TBM21].
Discretizations [AP23, AD20, ADGM98, BJM03, BRM24, BLY21, BYL13, BKMRB21, CGAD95, CMS17, CF23, CGX21, DD23, DT03, Doh21, DHP17, EHS+07, FH06, GJP+14, GZ19, HSMT20, HO25, HZ11, HLWX24, HMM+21, HCP+23, JK00, Kan03b, KKR21, Kye12, Lee10b, Lee10a, Lee12, LGR20, MMA98, PWZ10, PP08b, PSC18, DHM+23, QS03, SV08a, SKF18, SWN20, SK19, TW13b, TP21, TM14, TV98b, Ull10, UEE12, VV05, WGS17, WW03, YBHY15, vdVXX19, HPS22, MMPR93].
Discretized [Bjø95, DGB15a, GM14a, ISG15, KT08, LCK21, PS19b, RNR13, RLC08].
Discretizing [EMNS20, WLZ18].
Discriminant [AdVC00, CG10, CLN12].
Discussion [ABBM98b]. **Disease** [BF13].
Disk [MMS23, TC99, WTW17]. **Dispersion** [ALLK15, CGX21, CG24, DW15b, GK11a, Le 05, MRFV18, VSBH99, XS08, MP94].
Dispersion-Dissipation [MRFV18].
Dispersionless [ABL20a]. **Dispersive** [BL24, DLM16, GMO14, HLL+22, LSV17, LHL11, PS10a]. **Dispersively** [APS12].
Displacement [GY17, LY98, QRV21, SSR+22].
Displacements [AD18b, HH13].
Disruption [DMM+16]. **Dissection** [GBDD10, HR98a]. **Dissimilarity** [GLT09].
Dissipation [GK11a, GMS02, MRFV18, Roe98, TYZ19, XZ23]. **Dissipative** [AHZ17, CEOR18, CDGT01, GMO14, GLMS22, HX21, HJQ24, HVW25, HS21, LSU11, LW16, Mal07, Sha21b, Sha03, WS95, WWL25b]. **Distance** [BtVÇG+10, BRDQ24, CS11, CSS12, FB19, Gro02, Kog24, LL17, RL18, RKMC25, SS23].
Distance-2 [BtVÇG+10]. **Distances** [BBK06, LYLC21]. **Distill** [GM25].
Distillation [And99, GM25, ZYZ05].
Distinct [FBF15]. **Distorted** [SY08, SYY09]. **Distributed** [AKK14, AKK18, AK04, ABL+20b, BKGV16, BDD+97, Bar12b, BBGS13, BCF13, BTY08, BtVÇG+10, BFJ00, CCPS20, ÇKAA22, CHJ16, DS16, DGRZ15, GY06, GKK10, GH25, HKR02, HWD02, HV04, HL18, IBWG15, KMV99, KZK17, KL12, KZ16, MGDB19, PR96, Rag95, SS99, SE13, Sun96, TZ18, TD99, TTMA22, Wan07a, XXdH+17, Liu93].
Distributed-Memory [ABL+20b, BtVÇG+10, ÇKAA22, MGDB19, PR96, Sun96, TTMA22, XXdH+17, Gon15].
Distribution [AB02, ADR14, AT17,

ALMT20, BLH02, BV16, DGS08, HHP21, KK02a, KB96, Luu15, OAA20, ZL25].
Distributions
[BSHL14, BBW24, BT20a, CS14, Gub96, KTSB19, Man99, MFSY19, PF12, SBM07, SK19, TMM20, Tre25, XC20, YWdCN+24].
Distributions-Based [BBW24].
Distributor [HL19]. **Div**
[DDLP25, HO25, DMMO05, Doh21].
Div-Curl [DDLP25]. **Divergence**
[ABN21, BF14, DW24, DFW21, FHNZ24, MS06a, QSY24, Sch02, ST24, SK25, TZ18, Tor05, WWY09, XZ10]. **Divergence-Free**
[ABN21, DW24, DFW21, QSY24, Sch02, ST24, TZ18, WWY09, XZ10].
Divergence-preserving [Tor05]. **Divide**
[HLD12, KMR19, LT09, LS13b, NH13, OX22, TD99, VXCB16, VTD12, LL93].
Divide-And-Conquer
[KMR19, OX22, LT09, VXCB16]. **Dividing**
[Hun96]. **Divisible** [IK10]. **DMD** [DMM20].
DMPlex [HKA+21, LMKG16]. **DNN**
[KLW24]. **DNS** [BCM15a, Hof05].
DNS/LES [Hof05]. **Do** [HJKK22]. **Domain**
[ABLS05, AG25a, AG25b, ACD23, AJS22, AJ22b, BMP14, BMP16, BO17, BJNN02, BL04a, BFJ+15, BSSS23, BLB00, BRT07, BCLT15, BSS17, Bla98, BCCK16, BKFG19, BT13, BIA05, BHM19, BDG20, Cai95, CQ24, CR23, CMS94, CGM+21, CHL06, CB22, CYHY24, CCV14, CGP22, CCG14b, CML+18a, CML+18b, DD13, Den97b, DLM16, DS95a, DW17, DSZ13, DW94, EG22, EG23, EHL05, FKK+14, Gar94, GBC+20, Gri95, GST23, GNPT18, HSU21, HMN+13, HLLM15, HRT03, HIT19, HN06, HKLW19, HHK19, HKL23, Hes98, HJJ22, HLY13, JFG13, JKKM01, JCL07, JZ00, KXS18, Kal20, Kla98a, KW00, KLR15, KLW24, KKKK24, Kus97, Lar99, Lee13b, LN17, LPP19, LJ19, LW15, LBHH22, LZC+25, MRS04, MBL+25, MPRW98, MVBS23, MR94, Mu95, MZ19, MSV00, Nat95, Nat97, NP08, PS10a, PGW17, PL12, PV94].
Domain [PV95, QWW25, QSM19, QSV06, RL10, RBH06, RW01, RGG06, SRM+15, ST98, Sto21, SD11, SXY24, TS11, TZ14, TP09, TS24, Tie18, TSM+25, WZ22, WG00, XA99, YCC10, YBM+18, Yu01, YYY11, ZT17, ZND18, ZBK18, Zha22b, ZS02, Zim14, de 99, vLH14, vdZvBdB10a, Ain96, Cai93, Hes97, SS95, SS93c].
Domain-Decomposition-Type [TS11].
Domain-Map [vdZvBdB10a].
Domain-Oriented [Gri95].
Domain-Preserving [CGP22]. **Domains**
[ACD23, ABJÁFT24, Ama98, AGH13, Bar14, BK06, BN21, BWZ10, BOPGF06, CYVK15, CS12, CF05, DDLP25, DK11, DL19, DR13, DW15b, DHZZ18, EIJH20, FDFW07, FKW13, GS21, GPSY17, GMYL23, HG02, HHT03, HQR19, HT09, HW15, HLP23, HJ18c, HRS19, HJZ24, HLW13, HS24, ILK05, ISS19, JK07, KCL16, KL15, KR21, KLY05, KC16, KNV+16, LQH21, MRI21, MS17, NN18, OR18, Pol25, RS03, RD21, SKF18, SY12, SS24, SK05, SXK17, SF08, SLZ+25, TWYZ20, TS24, Wan22, XSC21, XT06, ZZ18, VB07]. **Dome**
[Nie16]. **Dominance** [Saa05]. **Dominant**
[LWZ13, Men22, QS08a, RM08a].
Dominated
[ACH+23, Ber95b, CLK18, DMS01, GR05a, GM21, HR99a, Hei96, HY10, JX13, KMER22, Peh20a, RPM23, WX99, PCDB96].
Doniach [DG99]. **Donor** [MS98]. **Doping**
[TJ25]. **Dosimetry** [DLM16]. **Dot**
[CWC08, DOKM22, ORO05]. **Double**
[AMVR17, BHG14, CKK20, HDOS23, Nie06, WK18]. **Double-Exponential** [AMVR17].
Double-Layer [CKK20, WK18].
Double-Precision [Nie06]. **Doubling**
[Gee19]. **Doubly**
[BCT07, DP98, PLVG+22, Slo02]. **Douglas**
[FZB20]. **Down** [SCM10]. **Downdating**
[AB16b, BPT93]. **DP**
[AFS19, HKLW21, HPS22, KL06, KL10, KLR14, KKR16, KLRU17]. **DPG** [GMO14].

DQDS [LGP14]. **DR** [EMN17, LMW15b]. **Drag** [Hof05]. **Drift** [BS95, BHN10, BHMX18, BBM+08, DMR17, EM24, Kla98a, Kla99]. **Drift-Diffusion** [BHMX18, Kla99]. **Drift-Flux** [BHN10]. **Drift-Kinetic** [EM24]. **Driven** [AGJG25, Bri24, CHCX23, CBHB19, CZ25, DEM+20, DEV16, DKS23, DMM18, DMM19, GDLS14, GPA18, GGB22, HC18, Hok20, IA14, LSG24, LZG+25, MZM25, MKW23, MP08, PPVV25, PGW17, QCJX21, RBG23, SSM+20, SW22b, TVV11, WMP24, WDT22, XMRI18, YCN21, BBC+21b, Kös07]. **Driver** [BWB19, Der08]. **Driving** [BM11]. **Droplet** [GL22b]. **Droplets** [MML+24]. **Dropping** [KRT16, May05]. **DRp** [PP12b]. **DSMC** [Ste11]. **DST** [ZLBC03]. **Dual** [ACCO00, BCS07, BO07, BC09a, CGM99, CW14, CLK18, DFG15, DFDM19, ELW20, FK18, HS06d, HQH+16, HSW08, IMS96, KR06, KM16, KS24, LPSB17, LN17, LPP19, LD03, NH12, PWGW12, Rad16, SSW21, WvdZSvB18, Zam16, Zha20, FCR93]. **Dual-Mesh** [CLK18]. **Dual-Porosity** [HQH+16]. **Dual-Porosity-Stokes** [HQH+16]. **Dual-Primal** [KR06, Zam16]. **Dual-Weighted** [ELW20]. **Duality** [BBT11, CHKM13, CJK10, CH11, FM16, Hof04, WW03]. **Duality-Based** [CJK10, Hof04]. **Due** [Men94]. **Dumbbells** [KP10]. **dummy** [MS93a]. **During** [May08]. **Dusty** [PL06]. **DWT** [ZLBC03]. **Dykstra** [BR05b]. **Dynamic** [AFK15, AK17, BBGS13, Ber98a, BCFJ19, BB09, Cab94, CCFP12, CILW23, CE17, DU19, DL23, DEP11, ES22, GMP19, GGLT00, GT19, HM10a, HBJ04, HEGH14, KKK16, LLZW19, LXS+08, LT20, MNU23, NNRW09, PR09, PVC17, RP01, SV08a, SK23, SSW98, VBA18, WZB+23, WMI09, WSA16, YH17, YH19, YP98, ZTK19, ZXY21, ZHS23, ten95]. **Dynamical** [AKT16, BS05a, BEKK24, BFN17, BCP15, CMO+23, CKL24, CL23, CCLZ25, CZ25, CBG+19, CW12, DDDS25, EL19, EHY21, FTNB24, GDLS14, GGB22, HHW00, HID23, KEC23, LSU11, LCXZ25, MO24, MTM08, MS18b, MPV25, NK15, PV23, PN19, RPSS22, RBG23, RM08a, SHP07, Sma04, UWWP23, VFGS23, VFHG25, WZ21a, WTWB09, WSH14, YWdCN+24, YGS+21, YLG22, YWL17]. **Dynamical-System** [UWWP23]. **Dynamically** [BBSV10, CL23, CL24, CHW20, MM98, MMN00, MNZ15, SNB16]. **Dynamics** [AIP19, APvDG12, AE18, ACCP13, BLS09, BMTZ13, BOR97, BLR99, BCM15a, BQRX22, BDM24, BBC+21b, BRK16, CL18a, CTB15, CGK13, CGL24, DY06, EW00, FGL09, GL22b, GKM+17, GKRB16, GQ24, HLG24, HJMS07, ISG15, Jah04, JHJ12, Jay98, JLLY24, KN21, Kim05, LR10, Lau22, LL98a, LLS22a, LLLH24, LL11, LXZ23, LFWP08, MZM25, MML+24, NKTY08, NV08, NBA+14, NL20, OKF14, Peh20b, QDKW18, RWKW14, RWWK15, RN14, RCJ23, SDNL10, Sch94, Sha21b, Sha03, SP02, SZS97, Ske09, SAY03, ST22b, TKW08, TPW09, VS23, WGF08, WWL25b, XZS23, XS24a, YHS07, YDK22, ZWL+25, Zim14, AP93, SRCG93].

E-SAV [LL20]. **Each** [CGL+13]. **Early** [LFBO08]. **Early-Exercise** [LFBO08]. **Earth** [KY14]. **Easily** [Yan19]. **Easy** [BBF+22, GG09]. **Eccentrically** [GP96]. **Eddies** [SL09a]. **Eddy** [AL07, AGHJ23, BST08, CCCZ10, EAS08, Hof04, JLZ16a, KL12, RH09]. **Eddy-Current** [AGHJ23]. **Edge** [BG10, BBMR03, Cas97, DEM+20, DG17a, GG19b, HHMS15, HO15, HHP22, HH16, HHMDC18, MNP07, PH13, PSC+16, RT01, TWL21, UDH23, Wal13, dVL10]. **Edge-Enhancing** [HHMS15]. **Edge-Preserving** [BG10, UDH23]. **Edge-Promoting** [HHP22]. **EDIIS** [CK19]. **EEG** [AFF+15, EVLW17, HLE+25, WKM+07].

Effect [FLM+05, HJP04, SHP07, VCS24]. **Effective** [AHH06, CP05, CG17, EHL05, GLQ18, JZ13, KXZ24, Kye12, MCT+05, NV08, TG04, WS05, Xia21, XL20]. **Effects** [AAB+15a, BL23b, BER17, CDF18a, DS96]. **Efficiency** [AMM+11, BSA13, CLGR25, CD02, HJ98, KR22, Kra09, NL20, WGS25, vHBTC12]. **Efficient** [AG18, AGSV25, AJR23, AS18, AFK15, AFS19, ACCO00, ABCH23, AS23, AM05, ABTZ14, BS08, BK07, BBMZ20, BB17, BS95, BCR11, BS05d, BMTZ13, BBT24, BDdSM11, BSSW13, BL07a, BS16b, Bja19, BT97, BE24, BFS16, Bol03, BV00, BR11, BBG+19, BBK06, BRK16, BHK12, CB98, CR24, CMS94, CDC19, CH02, Cha18, CL03, CHX15, CCC18, CLLW20, CSW25, CD20, CN10, CV98, CJ99, CRV14, CD06, CPB19, CVW06, DTY20, DHL+23, DH03, DTR21, DF20, DP20, DAE02, DGP18, DSYG18, EW00, EHY21, Ema10, ET24, EPSU09, ES00, FTNB24, FLX21, FRS19, FDFW07, FNNB05, FCZ23, GS16, GNOR14, GMvdV19, GCB15, GLR+16, GL24, GST12, GKNW18, Gon15, GM14b, GM19a, GKT09, GHL+23, Gre25, GKN18, GS02a, GSS22, GE96, GS21, GZT+19, HRT10, HHK+24, HAG17, HNS08, HJS99]. **Efficient** [HBJ04, HX21, HBSC97, HSY20, HJX23, HMW07, IBM01, JSCB20, Jin99, JW13, JLP18, KW07, KR23, Ket08, KZ00, KPP+16, KRDL18, KHW+14, KRS21, Lan19, LMKG16, LZ21a, LS13a, LLW16, LS22, LZ17b, LZ13b, LM14b, LLZ15, LCL18, LY18, LSZ23, LZ25, LC05b, LD11, LORCG25, Luu15, MMRN15, Mac98, MBKR22, MH95, MXYB16, MLL13, MST15, MDM15, Mön08, MZ24, MAK20, NH13, NN17, NLY23, OS98, OGO16, PKR+13, Paz20, PHJ11, PMH+16, PSS17, QSY24, QOQOP99, RMR15, RY03, RW07, Ren15, RKL09, RS13, RS99, RO15b, SS98, SSW21, SSW18, SU25, SKWK18, SNB16, SSW12, Sha21b, She94, She95, She97, She99, SY10b, SY12, Slo02, ST11, STY21, SF99, SO09, TT07, TB24, TB99b, UEE12, VBA18, VDD19, VPP05, WZ18, WS06, Wan13, WLX+13, WWYX20, Wan22, WBM+25]. **Efficient** [WBFA09, WWH17, WB08b, WGF08, WCG23, Xia13, XSC21, XJS13, XC13, XCLQ20, YZY09, YY18, YZL20, YHFG22, YP98, YHSL24, ZFLB15, ZZ18, ZWH21, ZMqCS21, dZHY23, ZHY25, DG95, LSM93, PCDB96, RG94, Yav93]. **Efficiently** [CCEO24, KMV05, MV16, MHW22]. **Eigenbasis** [Liv08]. **Eigendecomposition** [HKO99, SDNC20]. **Eigenfunction** [BBKK97]. **Eigenpair** [Dul98, LLM+25, MB99]. **Eigenpairs** [BBP21, De 12b, GWMG03, MW01, OZ25, VK15, YZ07, YZ08]. **Eigenproblem** [DMZ21, LZ99a, Oet99, VS17, LZ94]. **Eigenproblems** [AA13, BCR03, EPE05, GPP95, Jar19, LZ99b, LWSP22, PPB13, Sta07, SM07, SVX15, VYX16, LL93, ZAK15]. **Eigensolver** [BDvdG05, GPTV15, HJS99, HLTT97, KPT16, Kny01, Nik00, TS24]. **Eigensolvers** [AGSZ16, DMPV08, KXH21, LRS25, MRV06, MS06b, PQOB14, SVX15]. **Eigenspace** [BL04b]. **Eigenspaces** [KPU21]. **Eigenstates** [AP19, TS24]. **Eigenstructure** [BCS07]. **Eigenvalue** [AF15, AH04, ADF+19, AMV22, BCS07, BLV18, BG25, BBB14, BYL13, CR16, CJ05a, CDY07b, CHH10, DN13, DJLZ96, ES19, EMM+99, ET01, rFS12, GJ17, GK03, GK18, GY02, GVMM14, GPT22, GKV24, HLD12, HN22, HvdG96, HL10, HvdV03, HXX18, HHL15, HLM16, HLM03, JMM10, JKM14, JMR17, Kal20, KALO07, KH18, KSU14, Lan19, LRV22, LXV+16, LZ17b, LLW19, LSY19, LZ23, LMT18, LWK+16, MV00, MS06b, Mee01, MG12, MV21, NZZ06, NH13, Ng00, NvdP00, OX22, SG11, SW03, Sta07, TD99, VMM13, VXCB16, WH15, WZ22, WXS19, XLS18, XXZ20, Xue18, YGB+05, YBHY15, ZLG98, vD03, CW93,

DS93, MCJN94, MS93b, Tre97, YL93].
Eigenvalues
[ARMNW10, AO17, AT15, BS05e, BM12, Bou01, BBO09, BGSV15, CCQ16, CP95, DS20, GGS19, GWBW22, HM20c, HLTT97, KM05, MT22, MS12, MN11, MY18, OK13, Rah00, RN14, SZ06, SBND11, SM07, SO10, SVX15, YBLH16, Tre93, LXES19].
Eigenvector [JKM14]. **Eigenvectors** [KD20]. **eigs** [WT01]. **Eikonal** [ABMR11, CV12, CV15, CCV14, FJP+11, FKW13, GK05, IL24, JW08, KFM25, PC21, ZCL+11].
Einstein [BD04, BS05c, BL08a, BLS09, BMTZ13, BR19, BTY25, BN00, BH08, LC21, LZ25, TXZZ22, TCWW20, ZX24]. **Elastic** [BDG20, CSW99, CM25b, DKM14b, GSV20b, HMCK04, LL19, Lay06, LL97, LJL09, Min02, Sei95, SBHS19, TY00, VMG09, YT24, ZWP21, ZCT24, LP06, TR93].
Elastica [LST+24]. **Elasticity** [AIP19, AdWGV+20, AKMRB22, BYZ19, BCCK16, CLMM00a, CLMM00b, CPW15, CEP20, CF05, DZ08, GOS03, HH13, KPS19a, KW00, KR06, KC16, Kra08, MMT15, Pav98, PWZ10, VBT99, ZP20, CMV97].
Elasticity-Poroelasticity [AdWGV+20].
Elasticity/Poroelasticity [AKMRB22].
Elasto [FKTW10, LXK08, ABMP22].
Elasto-Acoustic [FKTW10].
Elastodynamics [BHG14, BRT07, BL04b].
Elastohydrodynamic [GB06a].
Elastoplasticity [GV09]. **Elastostatics** [Sch03]. **Electric** [AAB+15a, ATV07, BBGS13, BJ08, GLL+15, HSZ12, LLLL24, ZB12]. **Electrical** [BTLZN22, CHH19, GJ21, HHMS15, NPS22, Tim19, vdDA12]. **Electrified** [VPP05].
Electro [OH21]. **Electro-quasistatic** [OH21]. **Electrocardiac** [XLG+16].
Electrocardiology [FDE+06, PS11b].
Electrodiffusion [BEHR24].
Electrodynamics [BKMM10].
Electroencephalography [VP10].
Electrohydrodynamics [KS15a].
Electrokinetic [BHMX18].
Electromagnetic [AILP07, BCAG22, BS05b, BLYZ24, BG98, BS06a, BCdF+20, CCC18, CHM02, DLM16, HA01, HN20, JL19, Kon21, KS24, LM15, MG07, PS10b, Rah00, SPS18, VLM22, YHL19].
Electromagnetics [CHL06, SFM20].
Electromagnetism [CDGS05, DKSW19].
Electromechanical [RDP08].
Electromyography [SS25b]. **Electron** [GHKL22, KKS13, LFJS14, WPL+13, ZCHO24]. **Electroneutral** [EBK25].
Electronic [BCK16, CDKL22, DLZZ17, DLY14, LWYxY18, LYL+11, Rub12, WMUZ13, ZZWZ14]. **Electrons** [KLLY20].
Electropermeabilization [ÁJHP24].
Electrophysiology [BRM24, BFSN08, CWG10, TPQD22].
Electrostatics [BCR11, RKLM18].
Element [AE08, ABF99, AV14, ACHZ21, AG18, AJ21, AJ22a, AP23, AP24, AHN+20, ABN21, AGL13, ACK19, BB13, BH14a, BMV18, BMNV20, BMNV21, BCAG22, BCR11, Ban08a, BJNN02, BHV05, BL23a, BB10, BBB14, BBGS04, BDM+18, BS16a, BOF16, BCLT15, BMF19, BMM98, BMWK25, BBKT15, BC09a, BP13a, BRM24, BPS13a, BLY21, BBS19, BBS22, BDZS24, BYL13, BV19, Bla97, BBK+25, BBMR03, BP13b, BJP+22, BKMM10, BCF+00, BK11, BHW99, BRBT12, Bur13, Bur14, BCM15b, Bur23, BG13, CGGGS15, CI19, CGQ10, CG99, CPV95, Car07, CM98a, CM98b, CBG12, CP03a, CK03, Cas97, CFKM18, COS21, CD02, CCCZ10, CMZ19, CGZ23, CSW25, lCCVEKV17, CFM96, CGP19, CHH01, CVE13, CSW14, DY06, DB98, DLG97, DMMO04, DMMO05, DG98, DH24, DLTZ05, DKR12, DFJS19, DHP17, DEP11, DZ08, DW15b]. **Element** [DTYY18, DMZ21, DL24, DGvdZ18, Egg18, EAOS21, EJJ08, ES17, EIJH20, EHW00, Fai03, FVV21, FS01, FHFR13, FGM08, FKTW10, FHNZ24, FCF19, FK18, GJ08,

GYZ11, GHMY18, GJSZ25, GBS+22, GK11a, Gas13, Gee19, GL08, GKT09, GKS98, Gra14, GdLP+18, GC97, GdSW25, HHS+16, HHK+24, HHLZ21, HH02, HL09, HZXC16, HR99a, HV01, HY08, HJP03, HXX18, Hor10, HQH+16, HS01a, HS18, HY10, HK95, HS99c, HM20c, HLY13, HJX23, HSSZ09, ISS19, JV96, JK11, JHJ12, JKL22, JSZ24, JK05, JV01, JGZ06, JR96, KLV+16, KV20b, KV20a, KVV23a, Kan03a, KL05, KRW20, KMS15, KRRB25, KKLS05, KLST06, KS07, Kir14, Kir24, KO17, KP22, KG14, KZ16, KKK18, KS14, LW12a, LP11, LP13, LOSZ07, LZ21a, LSTY21, LP96, LLP98, LMR98, LMM18, Le 01, Le 05, LRP07, LP08, LDS11, Lee14]. **Element** [LPP19, LPMR19, LKH25, LMM17, LHL11, LZ17b, LNZ19a, LNZ19b, LZ21b, LLM+25, LTW18, LLQ24, LB25, LKvBW10, LGR20, MT22, MRI21, MR04, MH17, MK24, MM14, MRT00, MLL13, MST15, MFK25, Mic01, MTTV98, MT23, MS12, MZ24, Moo00, MS18a, MAK20, MWY17, Mu20, MYZ21, MGH21, Nat98, NNRW09, NV98, NW22, NSK10, OSU10, ORST12, OX17, OQRY18, ORS25, OR24, PRS12, PDTVM08, Pav98, PWZ10, PKD23, PSKG13, PMH+16, Pic10, PvdVvG17, PWGW12, PKA22, PC98, QZZ14, RT01, RL18, RW21, RS03, RW01, RDP08, RV10, RLC08, RWW14, SMZ18, SCC17, Sar98, SJR09, SV08a, ST24, Sei23, SL09a, SZ06, SXL+22, SWT00, SSF16, Sta00, Ste01, Ste00, SL09b, Tal15, TKW08, Tau96, TBH23, Tou22, Ull10, VP10, VP14, VM13, Wal18, Wal24, WK06, WLE+00, Wan01, WWY09]. **Element** [WH15, WZ22, WGS17, WMOZ22, Whi15, WMBT19, WH09, WKM+07, XL20, You25, YSZ14, YK03, ZKN21, ZK14a, ZCZK14, ZLLT13, ZN05, ZHY21, dZHY23, ZHY25, ZMS10, ZJB20, ZK96, Ain96, CGP93, MMPR93, MP94, PSC+16]. **Element-Based** [CBG12, lCCVEKV17, KVV23a, RW21]. **Element-by-Element** [FS01, SWT00, DLG97]. **Element-Finite** [LB25]. **Element-Free** [HV01]. **Element-Structured** [VM13]. **Element-wise** [MFK25]. **Elementary** [CVW06]. **Elements** [Ain07, AAD11, Ain14, AP24, AORW20, BRT07, BSX22, BS23a, Bla98, Bre96, Cao07, CSW99, CGP12, CDK19, CW18, Che98, CF05, CG07, CDPC13, DKSW19, GK18, GMvdV18, GMvdV19, GJ07, GPSY17, GSV18, HO25, HT00, HPS08, HDZ16, HR16, HTW+12, HLP21, HZZ20, ISG15, KKS21, Kup00, LO11, MMK23, MBM+16, MCB18, MT09, MAH22, MCH24, MV21, MS25, MAK20, MNP07, NHSS13, NN14, Nie16, Ols07, PV08, PP12a, PZPR07, PRM09, PRSS11, RKL09, Ros97, Ros06a, SB10, Sch02, SF08, TX17, WS07, Wan01, WWY11, WSK99, WMKK25, ZWZ19, ZHS10]. **Elementwise** [LMR98]. **Eliminate** [SO18]. **Elimination** [CL11, GC19b, LRW96, LW25, LHL+22, LCY+20, Saa96, YYS16, Rag95, Wri93]. **ELLAM** [WDE+99]. **Ellipses** [Gro02]. **Ellipsoids** [Kue12]. **Elliptic** [ABLS05, AH20, AW15, AGH13, ADK+98, AP99, ARM23, BKGV16, BDS98, BJNN02, BBC+01, BK06, BF95, BAS09, BB03, BIYS00, BHW99, Bur13, BEH+19, BCDE21, CQ24, CPV95, CPB13, Cas02, CCER12, CT03, CD02, CM15, CLXY25, CJ05a, CM99, CFH19, CML+18a, CML+18b, CRV13, CH11, CDN16, CGF21, CP17, DEV16, DFL20, DK03, EPR10, EF15, EGKS94, EMT09, EPV94, EIL01, Fro12, Fu21, GV19, Gar05, GGS19, GG19a, Gia18, GM14a, GXY15, GH99, GS00, GS21, HW15, HHS+16, HCRT13, HN06, HLT16, HRS19, HJZ23, HG00, ILK05, Jia14, JCL07, JGZ06, KCL16, KMW99, KS11, KLR15, Knu96, KT08, KBP17, Kus97, LP11, LP13, LV13, Lee09, Lee13b, LLW16, LKH25, LY20, LY13, LXdH20, LNS15, LGR20, Lui00, MV94,

MK08, MWY17, NRMQ13, NV98, Ols07, PL03, Par24a, Par24b]. **Elliptic** [PS11a, PP08a, Pic03, PRSS11, QZZ14, QWW25, Rak21, SO24, Sch98, SY10b, SY12, ST00, ST23, Sta97, SXY24, TY08, TPB17, TV98b, WR13, WZ18, Wan04, WHL18, WJS23, Xu94, YZ05, YHSL24, bZOW07, Cai93, Gre93, HHRV93, McG95]. **Elliptic-Parabolic** [LV13]. **Elliptic-Type** [Kus97, LKH25]. **Elliptical** [PRM09, Ros06a]. **Embedded** [AP12, BH12, CKN06, Giu22, HRD21, HBL05, KP05, KP06b, LKvBW10, OKGG+23, ÖB05, PDE+17, SSVW17]. **Embedding** [AG21, CL18c, DFS17, DN97, GL18, GLT09, GS21, HL23b, MDC08, CG93]. **Embedding-Based** [GL18]. **Embeddings** [SSBP24]. **Emerging** [AHK+17, PDE+17, PK19]. **EMI** [BRM24]. **Empirical** [AN16, CS10a, DG16, DHO12, Far24, JK10, Kea97, LL25a, PV23, PBWB14, PDG20, Sai20, BEEM18]. **Employing** [WWY11]. **enabled** [CGHT14]. **Enabling** [HvBW23, MKWG15]. **Encapsulating** [UA04]. **Enclave** [CHW20]. **Enclosed** [PHA18]. **Enclosing** [LHL12]. **Enclosures** [BBB14, DS20]. **Encoded** [NNRW09]. **End** [ZMK17]. **End-Point** [ZMK17]. **Endowed** [XS24b]. **Endpoint** [AMVR17]. **Energetic** [DCL+21, HLWX24, Lee10a, LW20a, LWW22]. **Energetics** [BZ10]. **Energies** [CDI+25, DN19]. **Energy** [AK15, AAB+15a, ALl19, AN16, ADGP25, BHL24, BEKK24, BPS14b, BCD+25, BW01, BJ08, BMR13, CGO22, CCKP21, CCC17, CYZ17, DK10, DJP00, DG09, Doh03, DS14, Dua24, EL20, GJ08, GHMY18, GZW18, GZW20, GCN21, GMYL23, HSWW08, HKR16, HL20, HJP03, HJP04, HX21, HJQ24, HVW25, HYW20, HS21, In99, JFSO23, KG14, KSW20, KWD22, KKR21, LW12a, LO19, Li03, LQ24, lLTZ21, MHW22, MNP07, NPS22, OST11, OWO14, Par24a, jQZ24, QNNZ19, RWW14, Sha12, ST25, SY14, SXL+22, SL24, TYZ19, Vas10, WCS00, XZ23, YY18, Yan21, Yan18, ZHY21, ZWWZ21, ZYLW16]. **Energy-** [GMYL23]. **Energy-Based** [NPS22, Sha12]. **Energy-Conserving** [BHL24]. **Energy-Consistent** [HSWW08]. **Energy-Corrected** [RWW14]. **Energy-Decaying** [ALl19]. **Energy-Dissipative** [HJQ24, HVW25]. **Energy-Minimization** [JFSO23]. **Energy-Minimizing** [HKR16, KKR21, WCS00]. **Energy-Norm** [Yan18]. **Energy-Preserving** [EL20, MHW22, SL24]. **Energy-Stable** [ADGP25, Dua24, HYW20]. **Energy-Transport** [BJ08, DJP00, GJ08, HJP03, HJP04]. **Enforced** [DMZ21]. **Enforcement** [DJMR23]. **Enforcing** [CXZ25]. **Engineering** [BBK+25, JKR08, SBMR18]. **Enhance** [Zen16]. **Enhanced** [ADK+98, BCCSS21, CZ23, EEO01, GG19b, HLM+09, HTH+16, JFG13, KM98, PDTVM08, PR22, Zim13]. **Enhancement** [ABIN20, DGP10, DS97]. **Enhancements** [DMM18, EG93]. **Enhancing** [DSA23, Gup17, HHMS15, KKKK24, NZZ06, TMA23, Wan12, ZH21]. **Enlarged** [GT19, Mou20]. **ENO** [CLTX15, DBSR17, GB12, JP00, JSZ13]. **Enriched** [EAOS21, Gia18, HY10, HM20c, HJZ24, LLW16]. **Enrichment** [OS15, ST23, SL09b]. **Ensemble** [AdWR17, GCR16, GC17a, JY21, LTT16, Lee21, LM14b, LM14c, LW19b, NRSD18, PDE+17, PMSI21, Rei13, UWY+15, YDK22, dWPR20]. **Ensembles** [AM04, YDK22]. **Entangled** [CL21]. **Entries** [ADL+12, ADLR15, CXY10]. **Entropic** [CFY18, TWK18, TGPK23]. **Entropy** [AHT12, ADM+15, BHN25, BI09, BDMFSL04, CDC19, DGS08, FR10, LLS24, PCFN16, Pup03, RSD+20, RDL24, Sch19, WE13, WS20, Wu21, YWL21, ZWH+14].

Entropy-Based [AHT12]. **Entropy-Stable** [BHN25, RSD+20]. **Entry** [BCT07]. **Enumeration** [AHJS01]. **Environment** [ADL+12, BS98, HBB+16, LCBD07]. **Environmental** [SBMR18]. **Epistemic** [LX12, LQX14]. **Epitaxial** [BHV05, JlLGZ20, LL11]. **Epitaxy** [QZT11]. **Equal** [HO25, RMD08]. **Equal-Order** [HO25]. **Equality** [BDKR21, BMPS22, EFOS20a, GHN01, HD15, wLxY00]. **Equality-Constrained** [BDKR21, EFOS20a, HD15]. **Equation** [AAAH+19, AB16a, AKP25, ABMR11, ADKM03, APS12, AKGK24, ALLK15, ABR17, ACO23, ADGM98, ABIGG16, AB08b, AL99a, ABL20a, ATV07, ASS25, AP12, AHV18, AGR20b, ABI00, AT23, BHL24, BBP13, Ban10, BBHJ21, Bar12b, BPB07, BLS14, BATI25, BLM22, BK24, BT97, BCM11, BGS09, BKKM22, BVV08, BV00, BK18, BP13b, BIA99, BTT13, BLM03, Bru15, BH23, BW09, BSS21, Bur97, BHL22, CG18, CCF14, CI19, CGK+98, CKS01, CL10, CFY18, CL22, CW22, CCL24a, CFZ25, CCG14a, CP03a, CP05, CP07, CZ10, CD13, CH08a, CDH98, CGZ24, Cha18, CF23, CLAT10, CD15b, CWX15, CCC18, CMZ19, CYDK21, CZ22, CS23, CIZ18, CGP22, CJ95, CGP19, CDZ22, DKDH20, DMMO05, DJT08, DLY16, DHJW08, DL19, DKKP14, DHM22, DKO12, Du11, DHZZ18, DP16, DKM14b, DV20, EL18]. **Equation** [EL19, EHY21, EBR00, EMNS20, FMW25, FF05, FJ99, FL04, FMP06, FHL13, Fro12, FJP+11, FKW13, GCS19, GS98a, GMN02, GZ16, GHRR19, GL22a, GR17, GAD+21, GMO14, GK98, GV98, GK05, GHR12, GHR13, GN22b, GDX25, GD03, GL10, GX16b, HG98, HHT03, HHE10, HP14, HTMM15, HT13b, HHSW11, HRT03, HIT19, HJ18c, Hen05a, HSZ12, Hir24, HX21, HCX22, HC98, HHSY22, HR99c, HW09, HV07, IL24, Jah10, JVG12, JLY08, JS10, JW13, KMW15, KA95, KMS15, KKF11, KS19, KFM25, KL13a, KLZ22, KP10, KWG+20, KBG18, KL13b, KSW20, KRT21, KP05, KP06b, KS14, KO13, KKK+25, Lar99, LMM18, LMMR00, Lee10b, Lee10a, Lee12, LS22, LM05b, LJ19, LBYT24, LCD18, LZZ18, LWW20, LWL+24, LQ24, lLTZ21, LB15, LY98, LL25b, LXK08, LX16a, LY16, LY18, LYZ23, LZ04, LX16b]. **Equation** [LXYZ23, Luo19, MBKR22, MGG19, MRS04, MK24, MG11, MNBK10, MW03, McL12, MST15, MR01, MV06, MW16, MCV17, Nas09, NAS13, NMS06, NN19, OCY+25, ORS25, OL98, PWM22, PDH09, PR01, PTT20a, PMR16, Pet01, Pic10, PQR20, PC21, PV15, PBtTB+15, QS14, QSY24, QZZ19, RBH06, RU01, RK07, ST16a, SBP04, Sch05, SK25, SKN19, SAB14, Sto21, Str94, Str00b, SD11, SLZ+25, SSN19, TY08, TWZ21, TSM+25, VMG09, VB07, WXK04, WGT14, WY19, WZC19, WP19, WC22, WiOH08, WMOZ22, WH13, XKWY08, XS08, XSWG23, XZ23, YMW07, YTLI11, Yan22, YJXZ22, YT24, ZHBS25, ZLLT13, ZLLT15, ZNZ16, ZND18, Zha96, ZD09, ZJC12, ZXY21, ZC25, ZW03, ZzSpH14, Zhe07, ZLTA15, ZHDZ17, ZXT+25, dCFC20, BDP96, CDH97, Elt96, JS93, Lie93]. **Equation-Free** [MBKR22]. **Equations** [ARMNW10, AH18, AC08, ACVZ12, AVZ13, AdS22, Abg09, AL24, ACP25, APZ13, AHZ17, AGH+20, ACHZ21, ACH+23, AB19, AD21, ABD+17, ALl19, AJS22, AFK15, AV25, AOR18, AFOQ19, AOS20, ABN21, AM17, ACL09, ALJ99, AW15, And16, ABCH23, ANP00, ACN19, ABK11, ACD95, ADK+98, AA02, AS94, AC95, ADM10, ADGP25, ACCP13, BS08, BBSV10, BHN07, BGL08, BLH02, BP97a, BT06, BYK05, BJNN02, BOB+19, BK98, BK99, BH00b, BJM03, BWV15, BGN07, BGN08, BN00, BBH18, Bea20, BLB00, BDK+20, BG98, BM01a, BSS09, BBKS20, BKK+21, BL07a, BW11, BC09a, BS15a, BCC20, BHK14, BM08, Ber95b, BPS14b, BS16b, BCF12,

BDZS24, BK10, BP12, BKR25, BCM05, BGH+03, BHST08, BCM15a, BFS16, BKMRB21, BCD+25, BK18, BMSV97, BPR13, BS15b, BV09, BKS23, BHT11]. **Equations** [BBC07, BHMX18, BCCM24, BJP+22, BMV05, Bre17, BC99, BCCX21, BJ08, BSU19, BHM25, BL03c, BL05, BHW99, BOPGF06, BT16, Bur13, Bur14, BEPW98, BB02, BLL07, BHK12, BDW11, CGGGS15, CCFP12, CC16, CLMM00b, CLW13, CH09a, CCEO24, CG95, CB98, CLPS03, CP04, CZK15a, CZK15b, CZZK16, CQ24, CCG14a, CFR05, CHL20, CK17, CBG12, CM09, CCKP21, CCA03, CR24, CNP12, CV12, CV15, CCM08, CGK13, CDF18a, CK15, CCJ07, CCL+20, CRS21, CFGLT22, CWZ07, CHMR10, CM15, CJGX15, CK19, CSZZ20, CB22, CHWY23, CS25b, CLST03, CGM00a, CVK13, CW06, Chr09, CLTX15, CCV14, CGP22, Coa12, CKK03, CG07, CV16, CCG14b, CGI11, CML+18a, CML+18b, CRV14, CRV13, CH11, CHL16a, CHL16b, CJS25, DHS22, DEN21, DB98, DD13, DG98, DDGS16, DL20a, DLTZ05]. **Equations** [DL19, DG09, DP10, DPS18, DYZC22, DW24, DT03, DAE02, DGGG09, DS17, DKK21, DKS23, DMSC18, DC24, DP03, DF99, DHO12, DHE13, DW15b, DL22, DTYY18, DCL+21, DY23, DGvdZ18, EPR10, EKSW15, EAOS21, EDGL12, Elm98, Elm99, Elm00, EEO01, EHS+07, EF15, ELtHR00, EOZ94, EM99, EIL01, FKQS17, Fan22, FS01, FBF15, FMW19, FGM08, FR15, Fis19, FM11, FSvdV98a, FK25, FJHM19, FGH+08, GJ08, GLR23, GT24, GL25, GW15, GS16, Gao23, GK00, GASSS98, Gar97, GNOR14, GK03, GLT18, GLMN15, GN19, GRL10, GHST98, GW98, GXY15, GB98, GT06, GV16, Gra14, GHL+23, GK98, GMS18, GPS95, GXZ21, GN22a, GM15b, GNPT18, GdLP+18, GM19b, GH25, GRPK19, GW00, GZ19, GC16b, GC17b, GLW18, GS97, HG02, HR25, HO18, HHS+16, HW13, HSB20, HS05b, HL09]. **Equations** [HZXC16, HKL+22, HHZ22, HNS08, HSS08, HJ98, Hel11, HJ18c, HRT13, HP20, Hen06, Her08, Hes98, HS99b, HLM+09, HLS98, HO94, HO96b, HBS00, HWZ19, HH11, HVW95, HV95, HRS19, HDF+19, HS99c, HTB+05, HHL07, HY14, HJX15, HZ16, HL17, HVW25, HZKK25, HG00, HV04, HW09, HXB11, HXB13, HYC15, HYC16, HS21, HLL+22, HJX23, HK02, HPS22, IM99, ISG15, ILK05, JBH20, JL03, JR19, JW08, JJK23, JL11, Jia14, JP00, JX13, Jin99, JCL07, JLZ16b, JLZ17, JLP18, JLM25, JK05, JP08, JL05b, JSC24, JK00, JZ00, KV20b, KKK16, KK18, KM11, KNN12, KXZ24, KGM+11, KM97, KK13, KS99, KLW02, KL05, KGGS10, KKN21, KPS19a, KZK17, KRR23, KZP20, KKS21, KS20, Kla98a, Kla99, KLR15, KR11, KPS19b, KLS08, KCB17, KOV15, KK25, KMR19, Kue12, KW15, KW10b, KQW04]. **Equations** [KMRW97, KL00a, KNP01, KP09b, KLLM22, Kus97, KR12b, Kus00, Kye12, LFM22, LW12a, LS12a, LS99, LL17, LP25, LFH19, LCH09, LL22, LSTY21, LLD99, LU17, LV20, LLP98, Lay03, LL03a, Lee09, LMW15a, LE17, LLS13, LSW17, LM08, LM12, LBF25, LNSZ06, LN05, LPR98, LHL11, LLX15, LZ17b, LJ17, LWZ17, LSC18, LNZ19a, LNZ19b, LYZ20, LZ20, LM21, LZ13a, LT00, LLL08, lLN21, LW03, LSZ11, LPS13, LY14, LGW19, LXdH20, Liu20, LGCL21, LB06, Liv15, LFLS08, LCJ96, LCH99, LN04, LS23, Lu95, LCR20, Lui01, LXL11, LC23, LX16c, LLLL24, MPS18, MR09, MN07, MRI21, MGB18, Mal07, MMM+94, MK00, Mar09, MB00, MMR19, MSW05, MPRW98, MPW18, McL95, MKW23, MK08, MT96, MP08, MT99, MT97b, MT06, Mis01, MSS12, MSK25, MRKS21, MB19, MN11, MS18a, MS07e, Mor23]. **Equations** [MWY17, MZ19, MYZ21, MV06, MSV00, MTBT17, NKLW94, NZGK21, NP25, NT18,

NS19, NV98, NFFP18, NBA+14, NSK10, Not12, Not17, Ökt05, OR02, OKD16, OKGG+23, PS18, PKNS14, PNW16, PJZ23, PS10a, PCFN16, PS19a, PL12, PL21, Pen00, PATF19, PT01, PP08b, PRR05, PRM97, PSC18, PvdVvG17, PBV18, PP12b, PELY13, PS12, PSS17, Pul08, Pup99, jQZ24, QFW22, QWW25, RMR15, Rah96, RPK18, RAB+14, RSD+20, RT01, RL10, RX17, RW11, RMB00, RC06, RG09, RW22, RDL24, RNR16, Rim18, RW01, RtTBAI21, RW06, RWX07, RSA05, RD21, SMZ18, Sar98, Sch98, SV08a, SSW18, ST16b, SE11, SE13, SWN20, SY12, SWX16, SYY09, SM94, SWT00, SDC24, hSSW23, Sim07, SB05, SZP19, ST23, SvG08, SV11, Sta94, SMN10, ST98, SL22, SL24, SSH06, TLN14].

Equations
[TLLK09, TW05, TSX17, TYZ19, TX24, TCY25, TMD24, TC12, TSK09, TM14, TC99, Tor05, TKK16, TS14, VS04, Vil14, VMOT25, VS03, Wab05, WT23, WC03, WDE+99, WL01, Wan07a, WL08, WWY09, WWY11, WMC12, WB12, WRSZ18, WHL18, WYT18, WMHK19, WWM03, WGS17, WJS23, WE06, WvdZSvB18, WS20, WL20, WZ21b, WX21, XZB11, XQX15, XK02, XH05, XT06, Xu94, Xu99, Xu04, XZ10, YCZ13, YJ13, YDF97, YCC10, YZK20, Yan14, Yan18, YHL19, YR12, YCY19, YLF23, YCS16, ZN16, ZK14a, ZCZK14, ZZK15, ZMK17, ZTBK18, ZS03, ZV05, ZCW10, ZCL+11, ZLS12, ZRTK12, ZTRK14, ZFLB15, ZFwCW15, ZZ18, ZZX23, ZCP06, ZFZ14, ZCQQ21, ZHL21, ZCHO24, ZS02, ZFHS15, ZTM+16, ZPE12, ZKV99, Zyg11, bZOW07, dAFR25, iW11, AGC96, ABS96, ABCM97, ABCR93, Atk94, AO93, BZ96, Ber97, Bia94, Bøe93, CC97, DS95a, EOD93].

equations
[ES96, Ena97, ED95, Gre93, HHRV93, HG96, Hes97, LK93, Lam97, LV94, LCW95, LSM93, MT97a, MS93a, MCJN94, MP94, PSB+06, PM95, She94, She95, SS95, WAS94].

Equatorial [Mar09]. **equidistant** [bZOW07]. **Equidistributed** [BKS98]. **Equidistribution** [Che94, CF97].

Equilibria
[AEMM16, AHJS01, HBJ04, Kue12, LCJ+20].

Equilibrium [AAB+15a, CHL16a, PP05, QXYZ24, TW96, WY19]. **Equipped** [RPSS22]. **Equispaced** [CCFG23].

Equivalence
[Doh21, FKTW10, TSX17, WB99].

Equivalent [DH01, SCC17]. **Equivariant** [Tau96]. **Erasure** [ZGG17]. **Ergodic** [Vil15]. **Ericksen** [CGGGS15]. **Erratum** [BEM94, CDW14b, FGMP14a, FS13, Hri05, LB08].

Error
[ABF99, AV14, AdVC00, Ain07, AD21, AD25a, ALT24, ABR17, AOR18, AOS20, AKMRB22, ASZ07, ATK12, ADLW19, BR02, BGGM22, Ber95b, BPS14b, BSX22, BS23a, BHL+20, BCM11, BCD+25, BP13b, BBT11, Bre99, BDW11, Cab94, CKOR16, CDKL22, CP04, Cao07, CGAD95, CF00, CP03a, CK03, CP07, CWC08, CJ09, CRS21, Che94, CV94, Cho05, CCH15, CHM21, CWG10, CHH01, CE16, CPB19, DEM+20, Ded10, DP09, DFH+19, DOKM22, DEV16, DG16, DKW19, EFFM25, ELW20, ET24, EHW00, EMT09, FHL+23, FL02, GCS19, GLS08, GPW22, GSM24, GGL07, GSS00, GSS22, GXZ21, HHS+16, Har08, HHW00, HM19a, HM19b, HM20a, HL98, Hof04, HR99b, HM20c, HWZ21, JSV10, KKP14, KLS+15, Kas95, KS99, KW10a, Kul12, KW15, LV07, LU17, LZZ18, LW25, Liu96, LK21, LPP09].

Error
[LX16c, MM25, MBT21, MT24, MW22, Meu11, MNZ15, Nor07, OS15, OC03, OC05, PS02, PDH09, PTS23, Pic03, Pic10, PS10b, Rad16, RKLM18, RL13, San10, Sch03, SZP19, SKJ+13, SSF16, TE07, TBM21, TO15, TP99, TBO10, WC03, WWY11, WRSZ18, WLLZ18, WCL+21, WLY25, Wei94, WW10, Wic17, WSH14, WvdZSvB18, YFS21, Yan18, ZCK12, ZFLB15, Zha20, ZHS10, dLRT09,

vLHH21, vdZvBdB10a, vdZvBdB10b, DG95]. **Error-Bounded** [DOKM22]. **Error-minimizing** [Wei94]. **Error-Oriented** [Wic17]. **Errors** [ACY+20, ESdP24, GK11a, GGK+04a, GMO14, GKRB16, GPS12, Hei13, HW99, LHR+18, Men94, RW97, Rub12, SX16a, Zim20, ten95, AGC96, SS93b]. **Errors-In-Variables** [ten95]. **Escape** [GDLS14]. **eSIF** [Xia21]. **Essential** [BBH24, Sch09]. **Essentially** [CCJ21, CFR05, HKYY16, LLS22c, LLS24, QS05a, QS08b, ZLS12, ZQ18]. **Estimate** [ALT24, BR02, CPP+17, GJS19, KLS+15, Str93, Wat98]. **Estimates** [AOS20, AL07, BP13b, Bre99, CDH98, CF23, CAB04, DEV16, ELW20, GXZ21, GSV18, HHS+16, HZ11, HR99b, HM20c, HWZ21, JSV10, KL15, KL94, LW25, LD03, Meu11, PDH09, TBO10, WCL+21, WW03, ZCK12, ZHS10]. **Estimating** [AMHR13, CCPS20, GSO17, HSB12, HR14, HR16, KK16, Lei93, MW11, PVV11, SLO13]. **Estimation** [AK15, ABF99, Ain07, ALLK15, ABR17, AOR18, APU24, ATK12, AM05, BP97a, BG10, BF13, BCJ+21, BPS14b, BSX22, BS23a, Bla03, BESS19, BBT11, BM00, CP04, CCL+24b, CBG+19, CCH15, CPB19, Ded10, DKW19, ET24, EHW00, EMT09, ES00, Far24, FB95, FKRH22, FR19, GLM22, GCB04, GM00a, GSS22, GK13, Har08, HCRT13, Hei13, Hof04, HTH+16, JKLZ18, JBL18, KH14, KR17, KS99, KLR98, KHU96, KHKL16, LV07, LSW24, LX08, LM17, Liu96, MT19a, MS07d, Men22, MDG+18, Ng94, NRSD18, PHA18, PWG16, PCL+16, PS10b, RKLM18, RW13, RTH17, RCJ23, SPKB13, SW01, SXXN22, SSR+22, TP18, TE07, TO15, TTY16, TP99, WLPU20, WWY11, WE13, WLLZ18, Win06, WSH14, WvdZSvB18, YR12, YSS07, ZBFN17, ZFLB15, ZTM+16, ZW16, vdZvBdB10a, vdZvBdB10b, Liu93]. **Estimator** [Che16, LPP09, Pic03, Pic10, Sch03, SSF16, WW22, WW10, WP20, HW99]. **Estimators** [CPG20, Rad16, Red99, SZP19, TV98a]. **Euclidean** [ACCO00, EAA21]. **Euler** [AV25, ABCM97, BQRX22, CBG12, CCM08, CDF18a, CK15, CGP22, CPR11, DDGS16, DLV17, DT03, EOD93, Ena97, GNPT18, HG02, Her08, KLS+15, KPS19b, KQW04, LK93, LLD99, LW03, LJL98, LST+24, LSM93, MV06, NBA+14, RSD+20, SMN10, TKK16, TV93, WX21, Xu99, YC14, YLF23]. **Eulerian** [AHH12, AHR12, BCM15a, CQ22, CM25b, GHL25, GH18, Gra14, GPSY17, HL19, ISS19, KMER22, NSK10, SZZ21, WLE+00, WZET13, WT16, YWL17, ZC24, ZC25]. **Eulerian-Type** [ISS19]. **European** [AO07, FO08, OGO13, OGO16, Toi08]. **Evaluate** [BS98, Bar00, HS99a, PRM09]. **Evaluating** [DP07, Li10, MT23, OR18, Yun03]. **Evaluation** [AO07, Bar14, BWV15, BN98b, BMWK25, BKT21, BER17, BV98, CKK20, CBN02, CBS00, DP09, Far01, FM12, GJM94, GPK04, GGK04b, GBS19, HKF+13, In99, JLZ16a, JF16, Kea97, KKLS05, KLST06, KS07, KW11, LS12b, LHN96, LG09, LX14, MAK20, Nit99, OSU10, OW98, OR24, Pol25, RMC12, RV22, Ros06a, SNB16, SS24, YH17, YH19, ZV22, aKT18, BS94, SS93a]. **Evaluations** [Bot23, KHRvBW14, TZ14, TEE+17]. **Event** [APU24, GL15, Kof04, LSW24, LLZ15, WLPU20]. **Events** [CDS24]. **Every** [Fer98]. **Evolution** [AF22, And16, BEG+08, BGN07, BGN08, BGK15, CGKM16, Coa12, DHO12, DL24, EOZ94, Fis19, GYZ24, GN22a, HLNS19, JTZ08, JLZ17, KM97, KLS08, Kup00, LPS13, LFLS08, LMMW04, McL12, MK96, MRSS14, NS19, RS00, SL11, ZFLB15]. **Evolutionary** [ABN21, CDGT01, DCB22, DKZ09, DLZ10, lLN21, MPW18]. **Evolving** [CM09, CW16c, MRI21, NNH99, OX17,

RD21, TN16]. **EVSL** [LXES19]. **Ewald** [GGLX25, JLXZ21]. **Exact** [BHNPR07, BLP14, Bri24, BBR08, CFSZ08, DMR17, DN97, EFOS20a, EFOS20b, Fli13, HM20c, JP08, NHSS13, Nau24, NMS06, Oli01, PDH09, PV08, PEC+14, Saa03, SBP04, SWU16, Str93, VS03, WMUZ13, YWG21, Yan18, ZH09, HLS93]. **Exactly** [CCCC+24, ST24]. **Example** [CST16]. **Examples** [DKSW19, MT99, GM96]. **Exascale** [MRL+17]. **Exchanger** [VP14]. **Excitation** [CVK13]. **Excitations** [TXZZ22]. **Execution** [MZW09]. **Exercise** [LFBO08]. **Existence** [FLM+05, Gär09, Zyg11]. **Exit** [BP06, GDLS14, KTSB19]. **Expanding** [TS24]. **Expansion** [Bur97, CJGX15, DLY14, FUNB18, FMS17, GTK+17, HC25, KMMS25, MMS23, OC03, OC05, PDA09, RZ03, RO12, ZRTK12, ZCHO24, aKT18]. **Expansions** [BBKK97, BDW11, CJ05b, CML+18b, FO08, FEL18, GI17, JNZ17, JK10, Kei09, RT05, Rub12, RN14, ST22a, SM15, TW09, Nat95, Nat97]. **Expectation** [LR10]. **Expectations** [ML11]. **experience** [Car93]. **experiment** [Ber97]. **Experimental** [AC22, BFI07, CABZ25, EHS19, GHKF22, HHP21, HHP22, LPSB17, RCC18, TBKF14, WCG23, BL03a]. **Experiments** [ABH03, APSG14, APSG16, AS18, ALM22, Ban10, BBC+01, BG12, CGP12, CGDD11, DTT+16, GMT98, HRV11, TSM+25, vdHCDD15, Kor93]. **Explainable** [BPS22]. **Explanation** [AS21]. **Explicit** [AVZ13, AdS22, AT20, ADP20, AV21, AAII98, BPR13, BQR18, BB09, BK11, BHL22, BS23c, CFZ25, CHAMR06, CZZK16, CR21, CS10b, CS10c, DW98, DG09, DMD+12, EJL03, FMW25, FGS14, GKC13, GLQ18, GMM15, HS05a, HCRT13, JLP18, KCB17, KW10a, Lay06, LW22a, LL20, LD05, LMSSS97, MO00, NP17, ODN17, PKD13, RSD+20, SKWK18, SS93a, VS04, WL01, WZF25, ZS02, BCP24, Ena97, LK93, ZSB16, EG22]. **Explicit-Implicit** [ZS02]. **Explicitly** [DCP11, EPE05, Isa20]. **Exploiting** [AKA13b, ALM19, ABB+16, EL93, GRT05, HP21, KPR25, MDC08, SLvdGK14, SBS98, SW03, SvG10a, VDD19, Wan12, ZMS21]. **Exploits** [HM19b]. **exploratory** [Sun93]. **Exploring** [ES18a]. **Explosive** [BBH+16]. **Exponent** [LCE22]. **Exponential** [AMVR17, AMH11, BDZ13, Bar12b, BM17b, BN13, BGH13, Bot23, Buv20, Buv21, CL22, COR13, CKOR16, CCEO24, CS25b, CHKsL20, DLP05, FMYT16, HKYY16, HLS98, Hok17, HWZ19, HJQ24, HJX23, JL03, JL05a, KCB17, KBG18, LPS10, LW16, LYZ20, LL23, LL20, LT14, LCR22, MHW22, PS19a, RV22, RX18, SIDR15, SL09a, TLT12, YH19, vdEH05, OS95, BMaK19]. **Exponential-Polynomial** [RV22]. **Exponentially** [BB10, Lan10]. **Exponentials** [PPT11]. **Exponentiating** [Lee13a]. **Exponents** [BHW99, YWL17]. **Exposing** [BDO12, YS16]. **Expression** [IHTR12, SCY25]. **Extended** [AD25a, AKPRB08, BPS13a, BT21, DU19, DL23, DSS20, GH15a, GS19, HTW+12, HJKK22, KK16, PCD17, SPKB13, Ser06, Yun03]. **Extending** [BBH+16, LS20]. **Extensible** [HHLL00, KMA+12]. **Extension** [AG21, AP14, AT19, ACN19, BT04, Beu05, BHL22, FG23, GN22b, KO13, Pip13, RSA05, TT13, WJMT15]. **Extensional** [KP10]. **Extensions** [Cho09, CS12, DG16, DLP+21, FFS07, MH16, Nie06, XAW17]. **Exterior** [HHT03, KL13a, LY22, NHSS13, PTT20b, TET10]. **External** [DL20a, Tsy99, Tsy97]. **Extraction** [DEM+20, DHM22, DTV13, LLWxY20, MS07c]. **Extrapolated** [ALl19, CS10b]. **Extrapolation** [ALZ14, BG20, BPR16, GSS12, HL09, HW09, JR96, JR98, KKR21, MMZ03, WTG12, WI12b, XKZ95, Ber97]. **Extrema** [KV96]. **Extremal** [De 12b, Zha96]. **Extreme**

[AAAH+19, AHJS01, BMP16, BBP21, DDF21a, rFS12, FH21, SR18, hSSW23]. **Extreme-Scale** [FH21, SR18]. **Extremely** [KLR15]. **Extremes** [Gri19]. **Extremum** [WI12a]. **Extruded** [TPT+16].

FA [IJ08]. **FA-SART** [IJ08]. **Faceted** [RS00]. **Facing** [GM11]. **Factor** [GG94, GG95, LLJF21, WZSL12]. **Factored** [BK07, BBFJ16, BCFJ19, BT99, JFG15, KG18, SS93b]. **Factoring** [BH14b]. **Factorizable** [DT03]. **Factorization** [ABLM17, ACD18, AVW13, BQQ08, BS99a, BSvD99, BCY21, BMMM08, But13, BHK20, BMP25, CD19, CPV95, CLB21, CP15a, CIZ16, CL08, CKLN98, CGI11, CST+13, DW05a, FMRR13, FCF19, FKN+20, GDL07, GBDD10, GCD18, GE96, GG10, HS06c, HM19b, HRS10, HSTH18, IL16, JF16, KP11, KSW20, LY17, LXdH20, LXG+21, LGCL21, MSL13, MOHvdG17, May08, PHY20, PSLG14, PT08, QOSB98, RT10, RS99, SKO21, ST14a, ST14b, ST16b, SE16, SF08, Sun96, VM13, WGB97, WZSL12, Xia13, YTD15, ZJX14, CMV97, FGM95, MH95, Nag93, NP93a, PS93, Rag95, RG94, Rot96, SS93b]. **Factorizations** [AAB+16, DGHL12, LM99, MOKS12, Man95, MV16, MM95, MM98, MMN00, Sco17, XAKS23, Sch93]. **Factorized** [BT00a, KKS13, KRT16, LNC05, ZXH+24]. **Factors** [Bol03, DO15, WWJ12]. **Failure** [GTK+17, GYZ23, LX12, LX14, LLZ15]. **Failure-Informed** [GYZ23]. **Fairly** [BK06]. **Faithful** [ROO08a, ROO08b]. **Families** [Gre25]. **Family** [CWC08, CGZ23, DGLL21, EG18, Mu95, Sei95, SZS97, SvG08, Tal15, Ton94]. **Far** [CRV14, GL24, JL19, LS09]. **Far-Field** [GL24]. **Fast** [AdVC00, ABMR11, APSG16, ABIGG16, AT19, ABL20a, Ant22, ACD95, AKM+14a, ALZ14, ABB+04, AVW13, AIV98, AO93, BGL08, BZ10, BCR11, BMR10, BK98, BK99, BS05b, BOR97, BMaK19, Bar99, BR02, BN98b, BLB00, BACF08, BPT+14, BC02, BKH+22, Bit99, BB15c, BHM20, BD99a, BIA99, Bru15, CI19, CCY23, CD19, CDY07a, CDGS05, CV12, CCER12, CN93, CT94, CC08, CPG20, CWA14, CBN02, CCFG23, Cho01, CG10, CRT11, CX08, CRR18, CPD17, CGF21, DBC13, DD12, DFN12, DKGS15, DN97, DKO12, DKSW19, DW15b, DKS21b, DR93b, EB96, ES96, EE14, EOZ94, EY07, EG01, FB21, FGMP13, FGMP14a, FGMP14b, Fis19, FWA+11, For24, FSV22, FM99, FJP+11, FKW13, GHHH17, GH18, GW17, Geo25, GR02, GV13, GLR07, GLQ16, GAD+21, Goe97, GY09, GHST98, GM25, GK05, GD07]. **Fast** [GLN09, GrM10, HA01, HT13a, HT14b, HO18, HJ07, Hel11, HG12, HA17, Hog13, HEGH14, HJJ22, HCX22, HC25, HR98b, HHSY22, HG00, Inv02, ISS06, JW08, JF16, JM18, JP11, KXH21, KK98, KV12a, KBK+08, KRR23, KMMS25, KP11, KBG23, KLZ+06, KW11, KW18, Kup98, KGT07, Lab05, LAG14, LQ19, LV20, LS94, LG97, LMPQ03, LCA08, LFB13, LCD14, Li10, LLX15, LZZ18, LYL+11, Lin16, LXdH20, LYLC21, LST+24, LB12, LFLS08, LFBO08, LWK+16, LS02, Luo19, Lyo11, LLLL24, MG07, MG09, MG11, MBGV16, MMS23, MR07, MMR19, MSW05, MH16, McL12, MT23, Nag93, NAS13, NP96, NCT99, NL99, OAA20, OSU10, PNW16, PS13, PS11b, PRR05, PP13, Pol25, PS03, PD15, PCD17, PT08, RO15a, RRR03, RRR05, RSZ24, RPSS22, RG20, RT05, RT99, Rum09, RS16, SKMF15, ST16a]. **Fast** [SLFL06, Sch94, SC03, SWX16, SV00, SvG08, SKPD22, SKP22, SVG10b, DFK23, Str94, SZW20, TW09, TN16, TZ18, TWK18, VFHG25, VGOR20, WO09, WB12, WG18, WZC19, WLZ23, WMOZ22, WYGZ10, WSGT24, XLS18, XH15, XJBS12, XC20, XAW17, Yan19, YVB98, ZLBC03, ZNZ16, ZCL+11, vdSF21, ABCR93, BS94,

MMM+95, MMMY96, Sch96, CRMC12, CD13, EMT99, LLS22b, RAT18, ZK14c]. **Fast-Hybrid** [ABL20a]. **Fast-marching** [TN16]. **Fast-Multipole** [EG01]. **Fast-wave** [RS16]. **Faster** [BM18, CCL+24b, LLS22b, Mor24, WJW21]. **FastVPINNs** [AGJG25]. **Fatemi** [CCS+19, LPP19]. **FATODE** [ZS14]. **Fault** [AG17b, AG17a, FSD24, HHLS15, SRM+15, ZGG17]. **Fault-Oblivious** [ZGG17]. **Fault-Tolerant** [FSD24]. **Faults** [SW15]. **FBSDE** [AAO23]. **FBSDEs** [WWL+25a]. **FD** [LSW17, BPPR24, DFL20, SWN20]. **FDEs** [AMN15]. **FDF** [PYSG13]. **FDM** [BC06]. **FDTR** [TSM+25]. **FE** [DFL20]. **FE-FD** [DFL20]. **Feasibility** [DHN17]. **Feast** [KPT16, GPTV15]. **Feature** [DTV13, HA08, HGPM14, NS21, ZCZ04]. **Features** [MRV06]. **Feedback** [BBSW15, BSSW13, KK18, NMWI11, RSZ24, OSS22]. **Fejér** [XH15]. **Fekete** [GNYZ18, PZPR07]. **FELICITY** [Wal18]. **FEM** [AFOQ19, BC06, BF22b, BHK12, CF00, Dua24, GM17, GH02, Sch03]. **FEM/FDM** [BC06]. **FEMs** [LWZ17]. **FENE** [KP10]. **Fermi** [Rub12]. **Ferrofluid** [ZHY24, ZHY25]. **Ferrohydrodynamic** [ZHY25]. **Ferrohydrodynamics** [ZHY21, dZHY23]. **FETI** [HKLW21, HPS22, KL06, KL10, KR06, KLR14, KKR16, KLRU17, RT01, Ste01]. **FETI-DP** [HKLW21, KL06]. **Few** [BBP21, Far24, GSR19, GHS+09]. **Feynman** [DYZC22]. **FFT** [GMSB16, KB23, LFBO08, VFHG25, ZZ18]. **FFT-Based** [LFBO08, VFHG25, ZZ18]. **FFTs** [MK93, Pel93]. **FFTW** [Pip13]. **FGMRES** [GNL21]. **Fibers** [GGPSV25, WiOH08]. **Fictitious** [BRT07, BCCK16, BKFG19, For06, HRT03]. **Fidelity** [CC11, NKM10, TAY+19]. **Fiedler** [CQZ17, KT15]. **Field** [ABL20a, And17, ATV07, BBKT15, BCM15b, BFSN08, CS94, CCC17, CCL+20, CL03, CCCZ10, CS18b, CRV14, CGF21, DZ08, FTY15, GHMY18, GHHK15, GL24, GZYW18, GZW18, GV16, GX16b, GrM10, HSZ12, HKC+04, HJP04, Hri03, Hri05, JL19, JSCB20, JW13, KS17, LL22, LTT16, LQ24, LB15, LY13, LS09, LK15, LL20, LW20a, LXL11, MM14, MKWG15, PvdVvG17, PV15, RAB+14, RSZ24, RWWK15, SY10a, SY14, SXL+22, TYZ19, TK13, WW22, WPL+13, WYT18, WMUZ13, Wic17, WSGT24, YY18, Yan21, ZYLW23, BGPS21]. **Field-Effect** [HJP04]. **Field-Split** [LK15]. **Fields** [ABB09, BF16, BG20, CPH14, DHP17, DW15a, EAA21, GMS21, GS14, HR98b, JKL22, KZ16, OVV17]. **Fifth** [WDGK20]. **Fifth-Order** [WDGK20]. **Fill** [ÇAK11, Oli01]. **Fill-In** [Oli01]. **Fill-Reducing** [ÇAK11]. **Filled** [ODN17]. **Filling** [BH16, GST23, GMPZ06]. **Film** [ZWWZ21]. **Filter** [BM17a, FL08, GC17a, LM14b, NRSD18, PMSI21, YSK19]. **Filter-Trust-Region** [YSK19]. **Filtered** [BFS16, rFS12, LLWxY20, NN19, XMRI18]. **Filtering** [AHK24, DSRMK17, GCR16, Har11, KXS18, KXH21, KMW99, KK16, LTT16, LXV+16, LKBJ18, MPV25, NMS06, PR22, PR23, TO15, ZKN21, ZTK19, vSRV11, NP96]. **Filters** [AdWR17, AT15, CCO11, GE25, JKM24, KBD21, MKRK13, NP17, RKLN07, XS16]. **FIM** [HJJ22]. **Fin** [MR04]. **Finance** [DD25, MSW05, WS05, WS06, Wan07b, Wan12, ZWH21]. **Financial** [HW14b, KKS08, Mar01, RO12]. **Find** [Goe94]. **Finding** [CGS02, CLXY25, CK98, CP95, FBF15, LZ01, LZ02, Liv08, RWB25, Saa03, XYZ12, YZ05, YZZ19, ZDZ16]. **Fine** [BDO12, But13, CP15a, GGPSV25]. **Fine-Grained** [BDO12, But13, CP15a]. **Finite** [AE08, ABF99, AV14, ACHZ21, ACH+23, Ain07, AAD11, Ain14, AG18, AJ21, AJ22a, AP23, AP24, ABHS22, AHN+20, AFS19,

AV25, ABN21, AORW20, ABCH23, ADK+98, AGL13, AS05, AD06, ACK19, BB13, BH14a, BMV18, BMNV20, BMNV21, BCAG22, Ban08a, BJNN02, BOB+19, BHV05, BL23a, BB10, BBB14, BBGS04, BDM+18, BS16a, BOF16, BRT07, BCLT15, BMF19, BSS09, BMM98, BMWK25, BBKT15, BC09a, BP13a, BRM24, BPS13a, BLY21, BSX22, BS23a, BCF12, BYL13, BV19, BBK+25, BDM24, BP13b, BJP+22, BKMM10, Bre96, BHW99, BRBT12, Bur13, Bur14, BCM15b, Bur23, BG13, BDPR22, CGGGS15, CCJ21, CH09a, CGQ10, CG99, CPV95, CM98a, CM98b, CCKP21, CSW99, CK03, CGP12, CLP08, CZ10, CDK19, CHKM13, CW18, CK15, CFKM18, COS21, CD02, Che05]. **Finite** [CCCZ10, CMZ19, CGZ23, CLTX15, CFJT18, CGX21, CG24, CF05, CG07, CFM96, CDPC13, CGP19, CHH01, CVE13, CH11, CSW14, DY06, Dar21, DMMO04, DMMO05, DG98, DLTZ05, DRFNP07, DFN12, DW24, DKR12, DFJS19, DHP17, DGLW16, DMSC18, DEP11, DZ08, DW15b, DTYY18, DMZ21, DL24, DGvdZ18, Egg18, EAOS21, ES17, EHW00, EIL01, Fai03, FVV21, FV06, FHFR13, FGM08, FO19, FM11, FKTW10, FS02, FCM12, FHNZ24, FL08, FCF19, FEM08, FL19, GCD21, GJ08, GYZ11, GW15, GHMY18, Gao23, GJSZ25, GBS+22, Gas13, GK18, Gee19, GL08, GHST98, GKT09, Gra14, GLC21, GJ07, GPSY17, GdLP+18, GC97, GLW18, GdSW25, HA01, HHS+16, HHK+24, HHLZ21, HH02, HL09, HZXC16, HO25, HR99a, HPS08, HZ11, HTW+12, HPAS24, HY08, HJP03, HXX18, Hor10, HQH+16, HS01a, HS18, HY10, HK95, HS99c]. **Finite** [HZZ20, HLY13, HJX23, HS24, HSSZ09, Hun95, Hun96, ISG15, ILK05, IT09b, ISS19, JV96, JK11, JHJ12, JKL22, Jia14, JSZ13, JX13, JSZ24, JK05, JGZ06, JR96, JZ00, KLV+16, KV20b, KV20a, KP09a, Kan03a, KL05, KMS15, KKLS05, KLST06, KS07, Kir14, KKS21, Kir24, KO17, KP12b, KPS19b, KLY05, KLY07, KP22, KW16, KZ16, KKK18, KS14, KW10b, KTSB19, Kup00, Kwa99, Kye12, Ld12, LW12a, LO11, LP11, LP13, LZ21a, LSTY21, LP96, LLP98, LMR98, LMM18, Le 01, Le 05, LRP07, LP08, LDS11, Lee14, LNP15, LPP19, LPMR19, LKH25, LSW17, LMM17, LOL13, LO14, Lem16, LHL11, LNZ19a, LNZ19b, LZ21b, LSYY21, LLM+25, LSV13, LSZ11, LTW18, LB25, LP03, LKvBW10, Lu95, LGR20, LMMW04, LK98, MMZ03, MRI21, MH17, MK24, MM14, MRT00, MLL13, MC10, MB13, MBM+16, MCB18]. **Finite** [MT09, Mic01, MTTV98, Min02, MSS12, MSK25, MR18, MS12, Moo00, MS18a, MAK20, MWY17, Mu20, MYZ21, MGH21, MSV00, NVT24, NN14, NN03, NNRW09, NV98, Nie16, NSK10, Not00b, ORST12, OX17, OQRY18, ORS25, OL98, OSS22, OSCE00, OR24, OKGG+23, PRS12, PDTVM08, PP12a, PKD23, PHW19, PL06, PSKG13, PMH+16, Pet01, Pic10, PPRS19, PvdVvG17, PWGW12, PRSS11, PKA22, PC98, QZZ14, QS03, QS08b, RMR15, RL18, RW21, RU01, RW01, RKL09, RDP08, RV10, RLC08, RWW14, SMZ18, SB10, SCC17, Sar98, SJR09, Sch02, SV08a, ST24, SL09a, SZ06, SXL+22, SYY09, SY18, SXXN22, SC02, SSF16, SK23, SCY25, Sta00, Ste01, Str99, SL09b, SLZ+25, Tal15, TB99a, TX17, TBH23, Tie18, TLH21, Tor05, Tou22, Ull10, VP10, WS07, Wal18, WLE+00, Wan01, Wan04, WWY09]. **Finite** [WB12, WH15, WDG+18, WP19, WDGK20, WGS17, Whi15, WMKK25, WMBT19, WH09, WKM+07, XL20, XS24b, Yam02, You25, YSZ14, YCY19, ZLLT13, ZN05, ZJC12, ZLS12, ZWZ19, ZHY21, ZWP21, ZZX23, dZHY23, ZC25, ZHY25, ZMS10, ZJB20, ZHS10, ZK96, ZQ18, ZLJ96, Zin00, dVM08, Ain96, CGP93, Elt96, MP94, PSC+16, LLQ24]. **Finite-Budget** [SK23]. **Finite-Difference** [ACHZ21, ACH+23, ABHS22, ABCH23, FV06, HZ11, JZ00,

KP09a, LP03, Lu95, OSCE00, RU01, SXXN22, WDGK20, ZLJ96, Zin00]. **Finite-Element** [AV14, ACHZ21, CGGGS15, CGQ10, GJ08, HJP03, Le 01, Le 05, LRP07, LP08, LDS11, MTTV98]. **Finite-Time** [LSYY21]. **Finite-Volume** [CCKP21, FEM08, MSV00, ZJC12]. **Firedrake** [LMKG16]. **First** [Abg09, AMMR10, AMM$^+$10, AMM$^+$11, ABM$^+$13, AV14, ALMR17, AM05, BFS16, BLM03, BSU19, CLMM00a, CLMM00b, CP03a, CP05, DM13a, DFN12, EIJH20, EHLW20, ECH$^+$23, FMM98, HZXC16, HJ18c, HT16, Hir24, HO94, HO96b, HS01a, HMMS22, LL22, Lan94, LMMR00, LM15, LMM17, LW16, LLM$^+$25, LLTY25, NKLW94, OKF14, PSC18, Sha21a, Sta24a, VC00, WJW21, ZCS22, ZPE12, HO96a]. **First-** [DM13a, LLTY25]. **First-Kind** [NKLW94]. **First-Order** [AMMR10, AMM$^+$10, AMM$^+$11, ABM$^+$13, AV14, ALMR17, BLM03, CLMM00a, CLMM00b, EIJH20, FMM98, HZXC16, Hir24, HO94, HO96b, HS01a, LL22, LMMR00, LM15, LMM17, Sha21a, Sta24a, WJW21, ZCS22, ZPE12, HMMS22, HO96a]. **First-passage** [HT16]. **First-Principles** [OKF14]. **Fisher** [DGS08, RU01, ZW03]. **FISTA** [WYL$^+$22]. **Fitted** [Woo94]. **Fitting** [BLS06, BR14, BFI07, DGB15a, DGB15b, FS12, HW99, Hok17, LZ13b, LWZ24a, LQZ22, LS00, NNT13, SL09a, ten95, OS95, FS13]. **Five** [CZ22]. **Five-Equation** [CZ22]. **Fixed** [AIL05, BCK21, CWY17, DBSR17, HV04, KS94, KM05, SW15, Van00, Ver96, ZD19, SS95]. **Fixed-Point** [BCK21, CWY17, Ver96]. **Fixing** [DHHR19, HY08]. **Flames** [HC95, SAY03]. **Flapping** [EKSS16]. **Flat** [ABLM19, FP07, QZZ14]. **Flexible** [CGL$^+$12, CGL$^+$13, CG19, DTY20, DHZ$^+$21, GW17, GGPV10, HZ10, HD15, Not00a, PSFL20, RTH17, SBK13, SSM16, SV01, WO98, Saa93]. **Flexoelectric** [AAB$^+$15a]. **Flight** [EKSS16]. **Flights** [CD15b]. **Floating** [And99, CWC08, DH03, DFH$^+$19, Drm97, FDH$^+$20, GM25, HP19, KMT24, Kri25, MM25, ROO08a, ROO08b, ZYZ05, ZH09, Hig93]. **Floating-Point** [And99, DFH$^+$19, FDH$^+$20, GM25, HP19, MM25, ROO08a, ROO08b, ZYZ05, ZH09]. **Floquet** [LZ17a]. **Flow** [AB17, Abg24, AP23, AABM13, AL07, AHR12, AGPR19, AKM14b, ACW21, BM11, BHN10, BD04, BL08a, BTY25, BCP24, BGN08, BCT05, BSSW13, Ber98a, BPSV15, BSV19, BGPS21, BV20, BLVZ23, BBKW19, BIK02, BSA13, BEM17, BHR23, BMV13, BKBT18, CLDS19, CL97, CMS17, CP13, CYHY24, lCCVEKV17, CDB13, Cor98, DSW22, Dua24, Egg18, Ein19, EHY21, EAS08, EMSW12, EdDP09, Fai03, FGO20, FL02, FHR14, FK97, FHNZ24, FCZ23, GYZ11, GHTW00, GY09, GZW20, GGS08, GM11, GYM25, GP96, Har08, HNU23, HHK19, Hei96, HK03, HR99b, HQH$^+$16, HJQ24, HB97, HC98, HLZ25, HR99c, Hun95, Hun96, JMN01, JKKM01, JVG12, JY21, JWH08, KGGS10, KSMM18, KP10, KM98, KVMK01, KWD22, Kov24, KWW13, Kup01, LVWW03, LHL12, LE10, Lay96, LL97, LW22a, LD16, LSM22, LJL98]. **Flow** [LYLC17, LTW18, LC21, LB25, LH00, LZ04, LRGO17, LCY$^+$20, MNRI19, MABO07, MBL$^+$25, MJR05, MRT00, MS06a, MP20b, MMS05, MZW09, MM07, NH12, OSCE00, PMSG14, PEdD12, PBV18, PM15, Rav02, Rav05, RJLW20, RSG17, SBHS19, SZZ21, SS10a, Slo02, Sma01, SU15, Sta00, SF99, SO09, TY00, TP09, Tim19, VY09, VS03, WLK06, WZET13, WTP21, WLZ23, WPT17, Whi15, WkZ15, Xu04, XW05, XZLX22, Xu23, XZL$^+$25, YYS16, YWdCN$^+$24, YFCH24, YSS07, ZT17, ZZZ21, ZCT24, ZHY24, ZHY25, ZS23, ZHS10, SS93c]. **Flow-Control** [Ber98a]. **Flows** [AE08, AK15, AFRV19, ABB$^+$04, BB13, BST08, BBKK97, BBSW15, BCLT15,

BPS13b, BPS13a, BG05b, BB08b, BN21, BD99b, BC09b, CFGM11, CCC17, CEOR18, Cha07, CL03, CDF18b, CC12a, CLLY20, CDI+25, CS20, CZ22, CD01, CLK18, CBS00, CHH10, CCH15, DD00, DGY25, DN19, Dor98, DL20b, EAS11, GJP+14, GC16a, GGZ02, GZYW18, GXZ21, HM98, HR99a, HPS06, HRvdZ22, HC20a, HLWX24, HSY20, IR98, JSZ24, JP24, KCZ15, KMZ+25, KEF11, Lee14, LQC23, LZC+25, LD05, LCK21, MCT+05, Man05, MBGV16, MM14, MP20a, MT99, NNH99, OW00, jQZ24, RHSK11, Ros06b, SA99, SL09a, SY10a, Ste11, TAY+19, VN03, WLE+00, XMRI18, XWT24, YC14, ZCZ04, ZC24, ZC25, ZFL25, BY93, LL94, TR93, Tsy97]. **FLSQR** [GNL21]. **Fluctuating** [WSA16]. **Fluctuation** [BLH02]. **Fluid** [AIP19, AB17, ACF09, BQQ08, BC10, BB15a, BKFG19, CFGM11, CHV+18, CM25b, CHH10, Cor98, CDFQ11, DY06, DP10, DL20b, ES17, ES00, EF05, FUNB18, FGS14, FHR14, GHL25, GSV20a, GLQ16, GZYW18, GX20, GSW+25, HHK19, HSF07, IR98, JHJ12, KN21, KCZ15, KV05, LQR12, Lee14, LM15, LO14, Lem16, LFWP08, LL08, LXK08, MRT00, MKWG15, MEF09, NV08, ODN17, PRS12, PF23, PVV11, QS14, RR98, RW13, SCC17, SM17, SOTB21, SCM10, SNB08, SF99, WLE+00, WLK06, WFG+20, XMRI18, Yan21, ZFL25, Zim14, ZVF18, vBdB05]. **Fluid-Filled** [ODN17]. **Fluid-Fluid** [FGS14]. **Fluid-Membrane** [RR98]. **Fluid-Poroelastic** [GSW+25]. **Fluid-Porohyperelastic** [SOTB21]. **Fluid-Saturated** [SCC17]. **Fluid-Solid** [KCZ15, PRS12]. **Fluid-Structure** [ACF09, BQQ08, BC10, BB15a, BKFG19, CHV+18, CDFQ11, FUNB18, GHL25, GSV20a, KV05, LQR12, MKWG15, NV08, PVV11, RW13, SM17]. **Fluid-Structure-Interaction** [vBdB05]. **Fluid-Surfactant** [Yan21]. **Fluidity** [ALMR17]. **Fluidity-Based** [ALMR17]. **Fluids** [DD00, DDP25, Del14, DRW20, GHHK15, GZW18, In99, KW07, KP10, KMER22, Le 01, LXS+08, SY14]. **FLUPS** [CGC21]. **FluSI** [EKSS16]. **Flux** [ACCP13, BLMR02, BHN10, BBK21, BF16, DBK25, EZ11, FEM08, FM07, GC16a, KQW04, LP23, LE24, LB24, PDH09, QNNZ19, WL97, WDGK20, WSGT24, YHS07, ZD19]. **Flux-Based** [FM07]. **Flux-Continuous** [FEM08]. **Flux-Free** [PDH09]. **Flux-Vector** [KQW04]. **Fluxes** [DK98, Mar94, QNNZ19]. **Fly** [TY11]. **FMM** [AAAH+19, ABC+14, FG23, GMSB16]. **FMM-Accelerated** [AAAH+19]. **FMV** [TW93]. **Fock** [KKF11]. **Focus** [Gro02]. **Fokker** [AB21, CK17, CYDK21, DKO12, DCL+21, GM20, HHZ22, HZKK25, KP10, Kus00, LP25, LMM18, LM05b, LWW20, LY14, NQE25, ZLTA15]. **Fold** [ROO08b]. **Following** [FK00a, PHJ11, Wal99]. **FOM** [Meu11]. **Force** [ADGP25, BM11, OZ16, TP09]. **Forced** [Cab94, MNRI19]. **Forces** [BZ10]. **Forchheimer** [ACO23, ACL09]. **Forcing** [WZ18, EW96]. **Forcings** [GZ19]. **Forecast** [YLG22]. **Forecasting** [CBHB19]. **Forest** [HKB21]. **Forests** [BWG11, IBWG15, WP98]. **Form** [AKA13a, APÇ04, BBHJ21, BL07a, BF23, BF14, BKKM22, CZ10, CJ05b, CGX21, DGK23, DMM19, DKM14b, HKO99, HMLH18, KHE07, Li24, OR02, PSC18, PTvR+14, Sch18, SV24, ST11, YH17, Lan93]. **Formalism** [HLZ25]. **Format** [ABC+23, ABLM19, BG14, BKK18, BKK+21, BNN23, CRO23, DKO12, GKK15, HRS12, KKF11, Kor15, KMSM14, KP17, KHW+14, KKK+25, OD12]. **Formation** [KSHMC23]. **Formats** [ABLM19, OSS22, RO15a, Rak21]. **Forms** [KM05, MG23, RF10, RS02, BGP94]. **Formula** [BCMM03, DYZC22, HT14b, JSZ24, PDA09, Ush01]. **Formulas**

[CK17, GS19, Ske00, SSVW17, WTG12]. **Formulation** [ÁJHP24, BR19, BCLT15, BMM98, BH11, BPS13b, BGPS21, BLP14, Bjø95, BIK02, BLM03, BRBT12, CW07, CRMC12, CCM08, Del14, ERSZ17, EOR24, EPSU09, GM17, GS16, GP99, Giv12, GDC+23, HMCK04, ISS19, JSZ13, KL06, KL10, KZP20, Kup01, LM08, LM20, LRV22, LLL08, LWW22, NV08, PHA18, Pat97, PEC+14, QZZ14, QRV21, RG09, RH09, SWN20, VLM22, WZET13, YGS+21, YPHH17, dZHY23, ZVF18, dVM08, FCR93, LSM93, Nat97, PM95]. **Formulations** [AL24, AMM+11, AdWGV+20, AKMRB22, AKM+14a, BB13, BHG14, BJP+22, DH01, GRL10, GKC13, GR04, HV07, KPS19a, LWCL03, MG11, MRFV18, PS11a]. **Forward** [BPR16, BRR18, BJW18b, BJW18a, CH09b, DP16, EVLW17, FK25, HLE+25, JZD25, KY19b, MO10, MT06, VP10, ZS14, ZFZ14]. **Forward-Backward** [BPR16, DP16, MO10, MT06]. **FOSLL*** [LMW15a]. **FOSLS** [FMM98]. **foundation** [Ber97]. **Four** [AO17, MM14]. **Four-Dimensional** [AO17]. **Four-Field** [MM14]. **Fourier** [BLS09, CRMC12, EMT99, GHR13, GMS18, KBG23, RAT18, AW20, AT19, AD96, ACD+08a, ASS16, BS94, BBBV13, BMaK19, BKH+22, BR95, BR18, BVV08, BIA05, BHM19, BHM+21, BP22, BS06b, CI19, CFY18, CDY07a, CGC21, CD13, CPG20, DGM25, DG17a, DGLW16, DD25, DR93b, EBR00, EB96, EKSS16, FO08, FMB13, Gar00, GGL09, GP16, Goe97, Gre25, GHR12, HRD21, Heg95, HHvR03, HC25, HKM97, Huc08, Inv02, KV12a, KRGO19, KM12, LSYY21, Lyo11, MH16, NP96, NL99, NNH99, OW02, OGO16, Pek12, PP13, RGOY10, RO12, RO15b, Sch96, TBH23, WW25, WOW00, WO01, WEB25, WM05, XAW17, Yin09, ZF09]. **Fourier-Based** [CGC21, CD13]. **Fourier-Cosine** [FO08, LSYY21]. **Fourth** [AP12, BS05c, BGN07, BHN25, BT97, FL19, GB06b, Hen05a, KT05, KR11, LR20a, LPR02, LD16, MT22, MN18, OKGG+23, PL03, RWX07, SLZ+25, WP19, ZJC12, ZF14, Zha18a, ZWP21, ZzSpH14, She94, She95]. **Fourth-** [SLZ+25, Zha18a]. **Fourth-Order** [AP12, BS05c, BHN25, BT97, GB06b, Hen05a, KT05, LR20a, LPR02, MN18, OKGG+23, PL03, RWX07, ZJC12, ZF14, ZzSpH14, She94, She95]. **fPINNs** [PLK19]. **FQMR** [SV01]. **Fractal** [JK21, PD15]. **Fractional** [AN17, AG18, ALLK15, ACN19, ADS21, AF15, BKM19, BCF13, BWZ21, BHK12, CRMC12, CZK15b, CZZK16, CK17, CD15b, DMSC18, DW15b, DY23, FMYT16, FF15, Fis19, GR17, GAD+21, GN22b, GRPK19, GLW18, GZT+19, HO18, HP14, HLW00, HX21, HZ22, HS24, JlLGZ20, JLZ16b, JLZ17, LHL12, LMM18, Li10, LWZ17, LZZ24, lLTZ21, LZK17, LX16c, MS17, MMR19, MY20, Nik13, PKNS14, PNW16, PLK19, jQZ24, SXK17, TSX17, TYZ19, TWYZ20, WB12, WMHK19, WLZ23, XCLQ20, XZ23, YTLI11, ZK14a, ZK14b, ZCZK14, ZAK15, ZLLT13, ZZK15, ZLLT15, ZMK17, ZTBK18, ZzSpH14, ZZ16, ZLTA15, ZYLW23]. **Fractional-in-Space** [BHK12]. **Fractional-Step** [BCF13]. **Fracture** [BPS13b, BPS13a, BSV19, EdDP09, HTW+12, HGPM14, MM07, PEdD12, WW22, Wic17]. **Fractured** [AFRV19, AGPR19, CDF18b, SCC17, YLY24]. **Fractures** [BGPS21, BHR23, FK18, MJR05]. **Fragmentation** [LGW19]. **Frame** [CDBH16, LFJS14]. **Frame-Based** [CDBH16]. **Framelets** [CCSS08]. **Frames** [Pir16]. **Framework** [ACHZ21, AD21, ABJÁFT24, AGI16, ACD+08a, ACD+08b, BMNV20, Ban08a, BS16a, BBH+16, BMMR20, BBD18, BTGMS13, BOKCW20,

BS23c, CHH19, yCWHJ12, CKO15, CKW24, DO11, DH24, DOKM22, DSZ13, DGvdZ18, EBK25, FCF14, GLRS23, GHKL22, GH18, GvR22, GPA18, IA14, JHJ12, JMNS16, JSZ22, JSC24, KPR25, KLRU17, KR00, Kye12, LL19, Lee12, MFSY19, Men22, MKB22, MTBT17, OS14, Pek12, PXYY16, PMSG14, PBV18, PSFL20, San10, SYY24, TC12, Til15, TTY16, WL13, Xu23, YY25, ZAD+16, ZHY24, ZH21, ZBdAF20]. **Frameworks** [AMV22]. **Frank** [MZWG16]. **Fréchet** [AMHR13, HR14, KR17, LKvBW10]. **Fredholm** [GSY25, LDX25, dAFR25]. **Free** [ARM+19, ABN21, AS06, BDM+18, BGM13, BMWK25, BDKR21, BTY08, BB15c, Bog14, BBK+25, Bur97, CCKP21, CFSZ08, CF23, CCH+25, CTU25, yCWHJ12, DW24, DFW21, DFW22, DWW23, DKS21b, FBvdZ24, FK00a, GHKL22, Gao23, GL22c, GY02, GCG+19, GJZ18, HKF+13, HXW22, HV01, HQH+16, HY10, HHLW15, Isa20, JLWZ24, KCZ15, KR22, KRDL18, KV13, KGT07, LP08, LT09, LXdH16, LTzT21, LLS22c, LLS24, LCXZ25, MBKR22, MS06a, MT99, MAK20, MYZ21, Nau24, PDH09, Paz20, PKV24, PTvR+14, QSY24, RK07, Sch02, ST24, SXXN22, Str94, TY00, TZ18, WL01, WWY09, XZ10, XS24b, YH17, YGS+21, YT24, dlRGH+25, vVKA11, vdZvBdB10a, vdZvBdB10b, ACW12, Bru15, Fre93, SKF18, TR93]. **Free-Boundary** [FBvdZ24, LTzT21, vdZvBdB10a, vdZvBdB10b]. **Free-Form** [PTvR+14, YH17]. **Free-Space** [Bur97, GJZ18, Str94]. **Free-Surface** [MT99]. **Freedom** [SV11]. **Freeform** [RtTBAI21]. **Frequencies** [ZTK19, WM93]. **Frequency** [AG25a, AIL05, AHK24, BS95, BGRS24, BKS16a, BER17, CLL20, CHL16b, DT95, Den97a, DHM22, ERSZ17, FHP24, GL24, HV07, IJ08, KMW99, KK02b, LAG14, LQ19, LGCL21, OH21, RBH06, TSM+25, WY19, ZNZ16, Zim14, vLH14]. **Frequency-Adaptive** [IJ08]. **Frequency-Based** [AG25a]. **Frequency-Domain** [vLH14]. **Frequency-Independent** [GL24]. **Frequency-Limited** [BKS16a]. **Frequency-Stable** [OH21]. **Freudenthal** [FMS24]. **Friction** [CEP20, GdLP+18, HMW07, HSW08]. **Frictional** [CHH01, HSWW08, Kra09]. **Friedrichs** [CHWY23]. **Fringe** [NNH99]. **Fromm** [DT00]. **Front** [Aru12, BLGL11, BCS11, CL97, Dk00, GT98, GBCT10, GGL+98, GST+99, GM13, HC95, HY08, Hwa07, LS95, TWZ21, WLZ23]. **Front-Fixing** [HY08]. **Front-Tracking** [GT98, GBCT10, WLZ23]. **Frontier** [vdBF08]. **Fronts** [DBC13, TN16]. **FROSch** [HPR22, HRR23]. **Frozen** [DLY16, DL20a]. **FSAI** [JFG10, JF11, JFG13]. **FSAI-ILU** [JFG10]. **Fuel** [BK00b]. **Full** [AV25, BQW23, BQRX22, BT21, BF24b, CGK+98, CGG+14, DLP+21, EZ11, FEM08, GLS24, LW20b, MBVO13, OH21, PBC05, RGOY10, SKN19, TH17, YHC16, YBM+18]. **Full-Space** [YHC16]. **Full-Tensor** [FEM08]. **Fully** [AWM+25, ABR17, AW15, ABB23, AH06, AHH12, BCD+25, BLR14, BW01, BS23c, CCCC+24, CG18, CF00, FCC10, GZYW18, GZW18, GSW+25, GVMM14, HKA+21, HVW25, HYC15, JWC21, JLZ16b, KS18, KPW17, LVWW03, LB25, LCK21, MRKS21, MDKN23, NT18, PV25, RSD+20, SKPD22, SKP22, TKCC13, Wic17, YCC10, YC14, Yan21, ZHY21, dZHY23, ZHY25, Lam97]. **Function** [ACD23, AP14, AHPG24, AP01, ADH99, AM05, BR19, BCMW20, BLB00, BKT21, BJP+22, BKS25, BCCX21, BRDQ24, Bur97, CZ23, CV25, DFQ14, DFW21, DFW22, EFOS20a, EFOS20b, FMYT16, FM12, FT03, FG23, Gar97, GS12, GST09, GST12, GL22c, GBS19, GD07, HQR19, Hei13, HR14, HC25, JK07, JK10, JK15, JBL18, KR17, KV96, KMV05, KK09,

KL13b, KLY19, KHRvBW14, Kup01, LSH17, LW19a, LSW17, Men22, Mir21, MR94, OGO13, Pir16, Rad16, RT11, RM08a, SU25, SX16a, SX17, SQO02, TWJ+23, TLH21, TEE+17, WDG+18, Wen08, Wen10, WRS08, XEG06, XS17, XKWY08, ZKN20, ZSPL21, ten95, Car93, OS95, PM95].
Function-Based [Rad16].
Function-Related [FT03]. **Functional** [CAG+19, CCH15, DP17, DMN08, DKS21a, GHKL22, HSF07, HZ11, HRvdZ22, HLZ25, KY19a, KKR21, LY13, LD03, MP08, NR98, NMFP16, TCY25, UWY+15, WL08, WZZ+25, WH13, XZB11, ZKV99].
Functional-Differential [ZKV99].
Functionals [AL07, BCD+25, FF24, GRPG01, Hof04, MNP07, ÖB05, Par24a, SCDM+10, SBP04].
Functions [AMVR17, AM18, ALLK15, ACHN21, ACCP13, Bad21, BLMR02, Bal00, BO07, BT04, BN98b, BGRS24, BF13, BNP15, BGM09, BT20b, BHH24, Bre17, CHR99, CGS02, CS25a, CSZZ20, CBN02, CVW06, DFS17, DZSN09, DG17a, DGK98, EHL05, FL18, FP07, FLF11, FS08, GLR07, GC19a, GG21, GJZ18, HK17, HHSY22, JP16, JKY21, JZX+21, KL94, LLHF13, LW16, LSYY21, LR25, LS00, MS06a, MS20, NH18, NSJ03, OR18, OR24, Rah13, Ros05a, SCW23, SB13, Str95, TV98a, TWW16, TW25, WSK99, Wel17, WTW17, WDT22, WJMT15, XYZ05, XAW17, XD21, ZCPM20, ZCK12, ZZ18, ZH21, dBMZ11, FS96, NCV06, Tan93].
Fundamental [AFF+15, AA13, SK05].
Further [CLMM00b, GG95, LZ99a]. **Fused** [BHL+20]. **Fusion** [OBP+24, PVK16].
Future [EMT99]. **Fuzzy** [CHX15, CRV13, vdHCDD15].

G [CGQ10]. **G-NI** [CGQ10]. **GaAs** [CCM05]. **GaAs-Based** [CCM05].
Galerkin [LWZ17, PP08a, SBND11, AB17, AM19, AD21, AD25a, AW15, AGH13, AFRV19, AM20, ABMP22, ABB23, BB13, BBHJ21, BDGK18, BBH18, BB15a, BS15a, BS16b, BLY21, BK00a, BT97, Bøe93, BCS11, BBT19, BDK12, BMV11, BSU19, BKBT18, BG13, BG04, CQ22, CDG17, Cas02, CNP12, CKQ14, CN99, CW17, CHW17a, CHW17b, CMS17, CSX24, CZ22, CVK13, CC19, CHH10, CDG+09, CS16, CGP19, CGI11, CRV13, CPB19, CKRS07, DEN21, DLM16, DHJW08, DAE02, DMRR19, DGK21, DHE13, DWQY19, EKSW15, EM24, EAS08, EAS11, EAOS21, EBK25, EVLW17, EPSU09, FKMR19, FS14, FF05, FRS19, FHL13, FK21, GK11a, Gas13, GvdV17, GHH07, GL08, Gia18, GLL+14, GK19, Giu22, GG19b, GTLSCDGR24, GGK04b, GN22a, GKD24, GX16b, GC16b, GC17b, GY17, GX20, GML+21, GYM25, GSM20].
Galerkin [HHM17, HHE10, HS05b, HH02, HSMT20, HRD21, HW21, HHvR03, HLT16, HS01a, HS18, HS99c, HJX15, HHSY22, HXB11, HXB13, HC20b, HLL+22, HCH+24, JBH20, JP24, Kan03b, KPS19a, KP21, KZK17, KSMM18, KS11, Kim05, Kim08, KL13a, KG14, KL13b, KT08, KLL+23, KW18, KO13, LS99, LV13, LLW16, LS12b, LM20, LLLX16, LST20, LY20, LW25, LZK17, LY14, LX16a, LSZ17, LTW18, LLS22c, LLS24, Liv15, Log03a, Log03b, LMMW04, LCK21, MN07, MRFV18, MMT15, MRB23, MST15, MW22, MKRK13, MT23, Mor23, Mu97, MWY17, Mu20, MYZ21, NP17, ORST12, ØLW08, Paz20, PTT20a, PP08b, Pet05, PSS17, PoH09, QS18, QS05a, QS05b, QS08b, RMC12, RG09, RDL24, RSA05, ST08, SKWK18, SSBP24, Sei23, She94, She95, She97, She99, SW16, SS10b, SSR21, Smi97, SKPD22, SKP22, SD21].
Galerkin [Str00a, SL09b, SH20, SL22, TCZC19, TVV11, TY15, Ull10, UEE12, VA24, WRSZ18, War13, Whi15, Win10, WvdZSvB18, WS18, WX21, XQX15, Xu04,

XS08, XOMN10, Yan14, YJXZ22, YHL19, You25, YCS16, ZKN21, ZCL+11, ZC24, ZP18, ZWG21, vSRV11, vdVXX19]. **Galerkin-Characteristic** [EAS08, EAS11]. **Galerkin-Characteristics** [EAOS21]. **Galerkin-Projected** [SBND11]. **Galerkin/Hybrid** [KLL+23]. **Game** [SV23a]. **Games** [And17, AHJS01]. **Gamma** [GST12, KB96, Luu15]. **Gap** [ABLM19]. **Gappy** [PDG20]. **Gaps** [GK03, HLT16]. **GARK** [CR21, RSS20, SRS19]. **Gas** [BCM15a, BQRX22, BDM24, CGK13, CF07, HC20a, KWD22, LL98a, LXL11, NBA+14, PL06, SMZ18, Ste11, TPW09, Xu99, YHS07, ZC25, LL94, SRCG93]. **Gas-Kinetic** [LXL11, Xu99]. **Gaseous** [VN03]. **Gases** [DC24, TIP23]. **Gauge** [BHST08, Chr09, DLY16, FM16, GS16, GH13, OH21, OZ25, vLHH21]. **Gauge-Invariant** [DLY16]. **Gaunt** [RY03]. **Gauss** [Alp99, AM95, BR02, BMF12, Bog14, CILW23, CDC19, Day98, DMZ21, EJJ08, FMRR13, GK11a, GST19, HT13a, HNR17, JM18, KS17, Lan10, MR17, PZPR07, SMYS21, SVG10b, Swa02, TW09, TCn+23, TTMA22, Ver94, WG18, dAFR25, dSK11]. **Gauss-Quadrature** [KS17]. **Gauss-Trapezoidal** [Alp99]. **Gaussian** [AM04, ACW12, Bar12b, BGR10, BTGH12, CL18b, CCH+25, CS14, DLY16, DL20a, DN97, DW15a, Fan22, FM12, FLF11, Fra98, GC19a, Gre25, GS14, JKL22, JSZ22, KOB20, LQ19, LLHF13, LCL18, LTG22, LD04, MC05, PF12, PM03, PRM09, Rag95, RPK18, Ros06a, Tan93, WTS94, Wri93, YR98, ZMD22, ZS25, Zim13]. **Gaussian-type** [MC05, Tan93]. **Gaussians** [KLY19, LXZ23]. **GCROT** [HZ10]. **GCV** [RVA17]. **GDSW** [HKKR19, HHK19, HKK+22]. **Gear** [PS97]. **Gegenbauer** [GJ05, Jac03, Kei09]. **Gel** [WGF08]. **Gelation** [EW00]. **General** [Abg24, AW21, ABK11, AH09, ADK+98, BK06, BCR99, BBD16, Bör07, CS99, CG95, CGG07, CCA03, CG24, CS10c, CKW24, DO11, DDLP25, DH24, DN19, EFOS20b, FL08, GCD21, GHHH17, GW15, GL22c, HR96, HV01, HDZ16, Hun95, IFSJ21, JSZ22, KL15, KL94, KKS13, KHE07, KZP20, KHW+14, LCD14, LSC03, Li24, wLxY00, LXdH20, OST11, PDA09, QZZ14, RK07, Saa96, SZ99, SS99, SZW20, TGS08, Vas10, WMHK19, Wat04, WZSL12, WT16, Xia13, Xia21, XZB11, Zen16, ZV05, ZSB16, WTS94]. **General-Form** [KHE07, Li24]. **Generalised** [Kas95]. **Generalization** [HJKK22, LS24, RKMC25]. **Generalized** [AOR18, ABP18, BLPP24, BS05d, BLS09, Bet08, BZ15, BSM24a, BSM24b, BCH12, BGR10, CC16, CC09, CC12b, CBN02, yCWHJ12, CS17, CP17, DB98, DZ15, DF10, DRW20, EHL05, FCF14, FCC10, GH13, GK00, GN14, GR02, GLMN15, GY02, Hös94, HLW13, HDOS23, IT09a, JNZ17, JLWZ24, Kal20, LV98, Lan19, LSV17, LMRS15, LCN14, Lee14, LS22, LL98b, LM25, LWSP22, LK04, MK24, Nas09, NV08, NvdP00, OB21, PEdD12, RMR15, SS98, SDNC20, SVG10b, SQO02, TLN14, VYX16, WK06, XLS18, XKWY08, Yan22, YR98, ZZK15, ZMK17, Zha97, ZLG98, BD93, BZ93]. **Generalized-Laguerre** [BLS09]. **Generalizing** [ET01, ZNT+24]. **Generated** [ADGM98, HGPM14, KKT13, Mau95, RtTBAI21]. **Generating** [CV93, FH21, GMS21, GKL08, KLY19, LST07, LN23, NSJ03, FS96]. **Generation** [AKM+13, ADM+15, BBK+25, BW09, CHR99, CWL+14, DF10, DKS21b, FHH+18, FSV22, GVP06, GDB+22, HW14b, HHR23, HBJ04, JJCX24, Kaw15, Knu96, KR00, LC08, LCL18, Mac98, MBM+16, ØLW08, Pen25, SP03, SSW18, Sch18, SKF18, SK19, VGOR20, de 99, vdSF21]. **Generative** [GH14, JZD25, KPPS14, YZK20, YDK22, YLG22]. **Generator** [GS14]. **Generators** [LSW02]. **Generic** [AD18b, BMNV20, KBG23, LGC+23, MRS16, Mor23, RS13]. **Genetic**

[DTR21, FSV22, OW02, Pen25, SBK18]. **Gennes** [TXZZ22]. **Geodesic** [BRDQ24, CSB+18, CDZ22, MK08]. **Geolocation** [RMD08]. **Geometric** [AC04, AC05, AGPR19, BGN07, BGN08, BB05, BKS13, CHR02, CGG+14, GV15, GMT98, GCN21, HKLW19, HZ22, JSZ24, KH22, KP12a, KS07, KS24, KS15b, LWS25, MTTV98, MPRS23, PKS21, RL17, SB10, SSW18, Tap22, TCCK18, WL11, WMKK25, WMBT19, WJS23, WE06, ZV22]. **Geometrical** [Du11, JW05, QL06]. **Geometrically** [AL99a, HLP23]. **Geometries** [AA00, AGJG25, AO17, BBKK97, BEHR24, CCA03, CSW25, For95, FG23, HBL05, IP06, LZC+25, MBGV16, OKGG+23, PHA18, She99, Smi97, SAE10, Tad25, TK13, TWW16, WTW17, ABCM97, She97]. **Geometry** [AGR+20a, AHT12, ADK+98, KMS15, KC16, PNP13, SXK17, Tad20, TW03, VZA+23, WWM03]. **Geophysical** [FHR14, SFM20]. **Geophysics** [CGL+12]. **Geostatistical** [Hri03, Hri05]. **Geostrophic** [BN21, CLP08]. **Geothermal** [AHN+20]. **Gerber** [LSYY21]. **Ghost** [GTK+17, HKB21, LXK08, OZ16, WLK06, ZFL25]. **Gibbs** [FLDT25, FP14, Hri03, Hri05, JBL18, TMM20]. **Gilbert** [BBP13]. **Ginzburg** [DJT08, GS16, Mu97, MDC98, NR98, VO19]. **Given** [BF16, SSDN12]. **Global** [BBKK97, BF22a, BTGMS13, CP04, CABZ25, CS20, CV94, CAG+19, CGDD11, DGM25, EL20, FF24, FL08, GJP+14, GAMV13, GJM94, HCL23, KH14, KL13a, KW10a, Kul12, KW15, LV07, MS07d, PRM09, RW97, TGS08, VZA+23, vdHCDD15]. **Globalized** [vWBV09]. **Globally** [BK08, BM01a, CGO22, KLZ22, KK23, PBP14, TBKF14, XK08, YSK19]. **Glued** [DPV05]. **GMBACK** [Kas95]. **GMRES** [ADGP07, BCGR98, BDJ05, BKL+17, BG22, BM01a, BPR25, CGL+12, CGL+13, CHP20, CJS23, De 12a, DH21, DP03, DHZ+21, EMN17, FG98, GAMV13, GGL07, GGPV10, GT94, Jou94, KX96, LS05b, LMW15b, LRS25, Meu11, Mor02, PP08b, Saa93, TCn+23, TB24, VL10, WOW00, WWJ12, RF07]. **GMRES-Based** [CHP20, Jou94]. **GMRES/CR** [GT94]. **Goal** [CPB13, CABZ25, CCH15, DMRR19, GSS22, LW12b, LW14, PDTVM08, RL13, SCW+17, WCG23, vdZvBdB10a, vdZvBdB10b]. **Goal-Oriented** [CPB13, CCH15, DMRR19, LW12b, LW14, PDTVM08, RL13, SCW+17, WCG23, vdZvBdB10a, vdZvBdB10b, CABZ25]. **Godunov** [DW97a, NMAB11, Pem93, ZMC94]. **Godunov-Type** [DW97a]. **Golub** [GSR19]. **Good** [HW14b, ST97, Ten98, Wan07b]. **Gordon** [BDZ13, GMYL23, GML+21, Zhe07]. **Gordon-Type** [GML+21]. **Governed** [ABBT+20, LU17, LN05, VFHG25, SS95]. **GPBi** [Zha97]. **GPBi-CG** [Zha97]. **GPS** [CP03b]. **GPU** [ACW21, BKH+22, BHL+20, BBD18, BTK19, CW17, CHJ16, DGK21, FMYT16, FHL+23, GHS+15, GHS+09, HEGH14, HJJ22, KPS+25, LSN17, LGH+13, MDM15, NAC+15, RL18, RNR16, RHSK11, VFHG25, VTD12, ZS25]. **GPU-Accelerated** [GHS+15, ACW21, CW17, CHJ16, DGK21, VFHG25, VTD12, ZS25]. **GPU-Based** [GHS+09]. **GPUs** [BNN23, CGBKS25, DCP11, EM24, GLSTV16, TB24, YTD15]. **Grad** [HO25, LTzT21, PTT20a]. **Grad-Div** [HO25]. **Graded** [BKS13, CWL+14, LC08, SSW12]. **Gradient** [ACY+20, AS21, ABF96, BD04, BL08a, BTY25, BMT96, BCT00, BBFJ16, BCP15, BCL99, CCY23, CM98a, CM98b, CRS+18, CCC17, CEOR18, CDH98, CC20, CS20, CZ23, DLZZ17, DK10, DFG15, DEC05, DKS23, DGY25, Don06, DN19, Fie98, GW20,

GS12, GHKF22, GY99, GRMS09, GZW20, GH99, GLC21, GdSW25, HJQ24, HCHY23, HLWX24, HAS+24, HVW25, HLZ25, HR99c, HSY20, JvGVS13, Kny01, KS13, Kup00, Kus00, LCE22, LS16b, LGY+23, LZZ24, LC21, LSZ23, LWS25, Mou20, NZZ06, NLY23, OPR23, PV23, Par17, PK23, jQZ24, SYEG00, SCM10, SM94, Spi16, SO97, TBO10, UWY+15, VHSP20, VMV15, WS07, WZGO21, WJW21, WTP21, WOP23, ZCPM20, ZN05, ZZWZ14, ZZZ21, ZX24, Zim13, ten95, Car93, NP96]. **Gradient-Based** [GHKF22, VHSP20, ZCPM20]. **Gradient-Enhanced** [CZ23, Zim13]. **Gradient-Particle** [Kus00]. **Gradient-Preserving** [PV23]. **Gradient-Weighted** [CM98a, CM98b, Kup00]. **Gradients** [CJ99, GRPG01, GLZ22, NR98, Not00a, PF12, RN95]. **Grain** [BL23b, KLT06, Man99]. **Grain-Size** [Man99]. **Grained** [BDO12, But13, CP15a, WSA16]. **Graining** [AKPRB08]. **Gram** [BG22, BG25, CM25a, GL03, Ste08]. **Gramian** [BB08a]. **Gramian-Based** [BB08a]. **Grandchild** [DT95]. **Granular** [BL23b]. **granularities** [BME93, BEM94]. **GRAPE** [NKTY08]. **Graph** [AGR+20a, BLV17, BGL+21, BEA+25, BTY08, BCK22, CCS97, EHT24, FFS07, GKM+17, GMBR24, GS05, HL95, HS06c, HWZ21, HL23a, KPPS14, LT09, LB12, MC09, NN17, OKLS15, RC23, Sch10, VSS14, WZSL12, ZNT+24, ZZL22, JP93]. **Graph-Based** [RC23, FFS07]. **Graphic** [WHCX13]. **Graphical** [STY24]. **Graphics** [BBFJ16, BCFJ19, GMBR24, KMSM14, Nov15]. **Graphs** [Ash95, ABL+20b, CS11, DHPAH19, ES18b, FB21, FMS17, GCM25, HÖU+19, KK98, KPÇA12, KPP+14, KV13, OWO14, RKMC25]. **Grassmann** [DS96, DH16]. **Grassmannian** [dSGS22]. **Grassmannians** [SL10]. **Gravitation** [TKK16, WX21]. **Gravitational** [LXL11]. **Gravity** [CK15, KPS19b, LRP07, Pet93]. **Gray** [TWZ21]. **Greedier** [LLS22b]. **Greedy** [BW18, BW21, ERL22, Lin16, MS07b, MS07a, MS13, WMP24, Zha20, ZW16]. **Greeks** [KKS08, WWH17]. **Green** [Bur97, EHL05, HC25, ZZ18]. **Greengard** [Alu96]. **Greenland** [HPR22]. **Green's** [GJZ18]. **Gremban** [FMS17]. **Grid** [AT17, ALMT20, AG17b, AWW19, BN23, BACF08, Ber95a, BvW09, Bot23, CWX15, CJ05a, DF10, DGL+12, FL97, Fer98, GI17, GV13, GKT09, GR05b, GC16b, HKF+13, HHLS15, HBL05, HS94, HS24, ILK05, Jam98, Knu96, KR00, KS24, KRS21, LMPQ03, Lem16, LZ21b, LYY24, LJL98, MS07a, MK08, MY18, NNRW09, OB21, PCFN16, Pet99a, Pup99, ROM18, SP03, SY10b, SY12, DFK23, TCZC19, TT06, WL11, WHCX13, WLZ18, WO01, Wu18, XBC96, Xu94, Yav98, ABCM97, Atk94, HCH+24, TV93, VBT99, CP13, NJ14, SAB14, ZTRK14, ZNX14]. **Grid-Based** [HKF+13]. **Grid-Free** [HKF+13]. **Grid-Overlay** [HS24]. **Grid-Particle** [CP13]. **Grids** [ABBM98a, ABBM98b, ADR14, AD20, ABCH23, AFRV19, ABMP22, AD06, BGOD08, Bea20, BH12, BCI22, Bit99, BBK+25, BL05, BKS98, CH94, CKV99, DFQ14, DMBB10, DRW20, EZ11, FS14, FUNB18, FS22, FO19, FEM08, Gär09, GGL09, GMSB16, GvR22, Giu22, GZW18, GOV06, HL20, Hen05b, Hen06, HH11, JKY21, JJK23, KN21, KH00, KP12b, LE10, LO14, LDM00, Mac98, MV09, Mau95, MBVOT22, NX12, PZZB15, Pet99b, RT01, RW01, RHSK11, SJR09, SR16, SNB16, TW05, TC12, VHSP20, VA24, Wan01, WM11, WK03, WPGR13, Wu99, Yam02, YPHH17, YYY11, Zen16, ZF09, Zie12, bZOW07, BZ96, Pet93]. **GRINS** [BS16a]. **Groove** [GL22b]. **Groove-Textured** [GL22b]. **Gross** [DK10, DP17, PQR20].

Ground [BD04, BL08a, BR19, BTY25, DP17, DL22, HLZ25, LC21, LYZ23, TCWW20, VS17, ZX24]. **Ground-State** [VS17]. **Groundwater** [JKKM01]. **Group** [GL18, KASL21, KV12a, MW08a, TGPK23]. **Grouped** [BPS22]. **Groups** [Mit08, XD21]. **Growing** [FV06, FFSS13]. **Growth** [BHV05, Bol03, BCG+10, CS94, JlLGZ20, KLT06, KW10b, SSM+20, WLZ23, WLY25]. **GRP** [SZZ21, WT16]. **GSOR** [HDOS23]. **Guarantee** [Tao22]. **Guaranteed** [BCD+25, CC06, CC11, LC05a, LC08, NN12, Wal13]. **Guaranteed-Quality** [Wal13]. **Guesses** [ACW21]. **Guidance** [Lee09]. **Guide** [GP16]. **Guided** [ASR+23, Fli13, TH17]. **Guidelines** [LSN25]. **Guides** [CC12b].

h [ST98]. **Hadamard** [KP17]. **Haemodynamics** [CDFQ11]. **Hagedorn** [FGL09]. **Half** [DT00, GHTW00, HPZ19, LZK17, NN05]. **Half-Quadratic** [NN05]. **Half-Space** [DT00]. **Half-Staggered** [GHTW00]. **Halftoning** [GPS12]. **Hall** [GMY24, GYM25]. **Hall-Magnetohydrodynamic** [GYM25]. **Hall-MHD** [GMY24]. **Hamilton** [Abg09, BFS16, BHT11, BL03c, CCFP12, CCF14, CC16, CFZ25, CFR05, CMZ+24, DKK21, DKS23, GI99, HW13, HS99c, HJX15, JP00, KK18, KNP01, LNSZ06, LT00, LPS13, MN07, MK00, NZGK21, RR98, TW05, ZS03, ZHL21]. **Hamilton-based** [RR98]. **Hamiltonian** [AH17, AR99, BCF01, Ben01, BB05, BCCSS21, BL07b, BGH23, CBG16, DD23, DSL21, EL20, GLMS22, JPPZ25, JWH08, KP12a, LL23, LSM22, MW01, MHW22, MNU23, PV25, PM16, SL22, WQX20, YJXZ22, YWL21]. **Hamiltonian-Preserving** [YJXZ22]. **Hamiltonian/Hamiltonian** [MW01]. **Hamiltonians** [GLQ18, JWH08, SSBP24, SH01]. **Hammerstein** [KNN12]. **Hand** [ARMNW10, ALM19, BCCI98, CGL+13, CB98, HR05, KMR01, LN04, MN11, SG95, Soo16, SO10, CW97]. **Hanging** [ACK19, ZMS10]. **Hankel** [CCY23, KG18]. **Hard** [BL07b, BL08b, dMGF17, KK13, LSY+25, LPY+21, TW13a, TWL21, TW95, ZSPL21]. **Hard-Constraint** [LSY+25]. **Hard-Sphere** [BL07b]. **Hard-Thresholding** [ZSPL21]. **Hardware** [SW15]. **Hardy** [NHSS13]. **Hari** [SDNC20]. **Harmonic** [AA02, BCAG22, BB10, BHNPR07, BCY21, BDG20, CGG+14, CWZ07, CHMR10, DLTZ06, EDGL12, HP20, HY14, JN10, LH19, MBL+25, MMT15, MZ94, OR18, PL12, RL10, RGG06, RT05, VK15, VYX16, VO19, Xue18, YWG21, LX16b]. **Harmonics** [FF05, KMMS25, MMS23]. **Hartree** [KKF11]. **Hash** [CRR18, RNR13, TAHR15]. **Hash-Based** [RNR13]. **Hastings** [Wal14]. **Having** [AP24, JW05]. **HDG** [BT16, CSS12, Fu21, MTBT17, RW22]. **Head** [CHH19, WKM+07]. **Heart** [Gob08, KLJ10, WiOH08]. **Heat** [ACO23, ACL09, BK98, BK99, CIZ18, Don06, DP16, EAS08, EBR00, GS98a, GR17, HHP21, HT13b, KS14, LG09, MST15, MW22, MB19, PNP13, SK05, Str94, SD11, VP14, VB07, WMOZ22, WSGT24, Xu99, dCFC20]. **Heavy** [ABL+20b, CHL16a, WY19]. **Heavy-Tailed** [CHL16a]. **Heavy-Weight** [ABL+20b]. **Held** [ST16b]. **Hele** [ZLY+18]. **Hellan** [Wal24]. **Helmholtz** [AKP25, AGR20b, AT23, BZ96, Bar14, BBS22, BFK03, BGS09, BIA99, BIA05, BTT13, CD13, CWX15, CG17, CGX21, CG24, CGP19, CRV14, CJS25, DHM22, DV20, EEO01, ED95, EOV05, EIJH20, FHP24, GMN02, GZ16, GT24, GH13, GAD+21, GMO14, GHR12, GHR13, GD03, HRT03, HIT19, HZ16, HL17, HW09, KMW15, KK02b, KKS21, KL13a, KRT21, LQ19, Lar99, LMMR00, LJ19, LBYT24, LY16, LB06,

Liv15, LBBG24, MRS04, PATF19, PELY13, SAB14, Sto21, TET10, WZC19, WRBC24, YBLH16, YT24, ZND18, ZZ18, vGEV07]. **Helmholtz-Like** [GT24]. **Hemodynamics** [BCF13, FGS14]. **Hermite** [GML+21, AHV18, BS05c, BLS09, Bia94, BR95, GYM25, HOY03, HCW20, KLY19, MS07d, MS17, SV13, Tan93, VMM13, WB00, XH15, ZCQQ21, Zim20, ZB24]. **Hermitian** [BCR03, BGLY05, BGL06a, CGL+13, CT94, FF94, FGN93, Fre93, FS08, GLMS22, HSCTP04, KXH21, KPT16, KMR01, Lan19, LXV+16, LWSP22, MS06b, PPB13, Sta07, SM07, SVX15, Tre93, VD10, VK15, VYX16]. **Herrmann** [Wal24]. **Hessenberg** [BK17, AKK18, KT15, SV24]. **Hessenberg-Triangular** [AKK18, KT15, SV24]. **Hessian** [BKS25, BGR16, BBR08, BTGH12, DM16, FLX21, FWA+11, HM10a, KH14, LMSSS97, Mön08, PABG11, WMUZ13]. **Hessian-Augmented** [BKS25]. **Hessian-Based** [BTGH12, FLX21, KH14]. **Hessian-vector** [LMSSS97, BBR08]. **Hessians** [AHPG24, ABBT+20, GTMP07, Sch18]. **Heston** [GM21, HiH18, iW11]. **Heteroclinic** [LMR97]. **Heterogeneous** [AKP25, BLS14, BGS09, BK17, BOKCW20, CSS10, CHW17b, CMS17, CYVK15, CDB13, CK07, CJS25, DGN25, EOV05, FCZ23, GV19, GC19b, HMRR19, HMN+13, KK02b, KLL+16, LZ04, MCL19, MB19, PELY13, RSG17, WPT17, YS16]. **Heuristic** [GG18, HR96, MZW09, JP93]. **Hexagonal** [WL11, ZF09]. **Hexahedral** [RW01, SJR09]. **Heyman** [DS96]. **Hidden** [TB02]. **Hiding** [GAMV13]. **Hierarchic** [AA00]. **Hierarchical** [ABBT+20, ABLM19, BG14, BH22, Bör09, BTK19, BIA05, BFI07, CHCX23, CPS20, DKXS18, EGLS21, Ett16, FVV21, FHH+18, Fra98, GRS+15, GKS98, GMPZ06, HKO+23, HS06c, HLR18, ILW17, JTZ08, KGA23, KD20, Kri25, LS20, LO11, MDC08, OS14, Ong97, OVV17, OSS22, PCD17, RW07, SLO13, TCY25, VW98, ZBdAF20, Ain96]. **Hierarchically** [GCG+19, Nov15, WLX+13, WEB25]. **Hierarchies** [PGSO24]. **Hierarchy** [AGJT21, FR15]. **High** [ACVZ12, Abg09, ADR14, AT20, Ain14, AJ21, AP23, ABHS22, ACG20, AHPG24, AHT12, ADGM98, ABIGG16, AT19, ADK+18, ABL20a, ANP00, AM20, ABMP22, BCAG22, BHL24, BB17, BT06, BOB+19, BPS22, BMF19, BAFF00, BMWK25, BM08, BBF+22, BBH+16, BM05, BPR99, BG20, BBD16, BF22a, BZ15, BLR14, BQRX22, BER17, BV16, BTT13, BF22b, BP06, BTWG08, BCDE21, CI19, CL11, CL18b, CLL20, CCJ21, CSS93b, CR23, CCKP21, CDK19, CS18a, CW18, CGV18, CMM00, CCSS03, CW15, CDF18b, CLAT10, CD15b, CJGX15, CXZ25, CZ23, CEP20, CMO10, CFJT18, CAG+19, CK94, CJS25, DW97a, DW98, DDLP25, DDP25, DHHR09, DTR21, DW24, DKR12, DKK+19, Doh21, DMRR19, DKK21, Dor10, DS16, DWQY19, DL20b, DMD+12, DKM14b, ES22, EFHT23, EG22, EG23, EIL+09, FHFR13, FMW19, For06]. **High** [For24, FHP24, FSV22, FM07, FK21, GYZ24, GH07, GH15b, GM17, GL22a, GG19a, GM14a, GG19b, Gob08, GZW20, GTLSCDGR24, GV16, GHL+23, GH14, GN22a, GN23, GM15b, GM19b, GX16b, GC16b, GLW18, GX20, GdSW25, GM04, GN07, HHT03, HLD12, HJ18a, HSMT20, HJ07, HBL05, HRT13, Hen06, HC20a, HYW+25, HZKK25, HMM+21, HV07, ISG15, IFSJ21, JBH20, Jam98, JK07, JK11, JPPZ25, JW13, JLZ17, JZ00, KK18, KP09a, KH22, KK98, KL05, KPL13, KV05, KK02b, KP22, KW16, KS14, Kup98, Ld12, LFM22, LO11, LAG14, LQ19, LS95, LFB13, LOL13, LL00, LG09, LLLX16, LYZ20, LP23, LT00, LSZ11, LGW19, LLZW19, LGCL21, LB25, LZ25, LSPRV21, LSM93, LX16b, LGYZ24, LCR20,

LNA+11, LORCG25, LX16c, MXB15, MXYB16, Mat18, MC10, MRS14, MZDK22, MW22, MAK20, MDC08, NZGK21]. **High** [NHSS13, NX12, NJ14, NH12, NS06, NKM10, ODN17, Ols07, OR18, PT99, Paz20, PKD23, PKV24, PL06, PVK16, PDA09, PSDF12, PPB13, PJ96, QS18, QS08b, RKLN07, RW07, RMB00, RMC12, Ros05a, Ros06b, STCK21, SRS19, Say15, SLvdGK14, SKWK18, SV23a, SY10b, SY12, Sma04, SD10, SCY25, SC98, Ste16, Str99, SJD14, SL24, TW05, TCY25, TCZC19, TAY+19, TBH23, TT20, TMM20, TM14, TPB17, Van20, VB07, VGOR20, VA24, Vil15, WZB+23, WS05, WMC12, WBTG18, WWL+25a, WSK99, Wel20, Wen08, Wen10, WZF25, WMBT19, Win06, WRS17, WSX17, WS20, Wu21, WZ21b, WX21, XB16, XQX15, XH05, XS24b, Yan22, YFCH24, YZZ19, YCS16, ZNZ16, ZS03, ZLS12, ZSB16, Zha18b, ZHQ20, Zha22a, ZC24, ZFZ14, ZLTA15, ZHL21, ZV22, ZLJ96, Zin00, ZBdAF20, bZOW07, dSGS22, vdHCDD15, BSMM16, BY93].

High-Accuracy [Dor10, GL22a, JZ00, ZLJ96, Zin00].

High-Contrast [YFCH24].

High-Dimensional [BPS22, BF22a, BTWG08, CL18b, CZ23, CAG+19, DTR21, ES22, EFHT23, FSV22, GYZ24, GH14, GN22a, GN23, GC16b, HJ07, HYW+25, HZKK25, JK07, JPPZ25, KK18, LSPRV21, LGYZ24, LORCG25, MXYB16, MZDK22, NZGK21, NJ14, PVK16, RW07, SY10b, SY12, Sma04, SCY25, Ste16, TCY25, TMM20, WZB+23, WS05, WWL+25a, bZOW07, dSGS22, vdHCDD15, DKK21].

High-Fidelity [NKM10, TAY+19].

High-Field [GV16]. **High-Frequency** [BER17, FHP24, KK02b, LQ19, LGCL21, ZNZ16]. **High-Index** [YZZ19]. **High-Level** [FHFR13]. **High-Order** [ADR14, ABHS22, AHT12, ADGM98, ABIGG16, AT19, ADK+18, AM20, ABMP22, BCAG22, BHL24, BT06, BOB+19, BMF19, BBF+22, BPR99, BBD16, BZ15, BLR14, BTT13, BF22b, BCDE21, CI19, CR23, CCKP21, CDK19, CS18a, CW18, CGV18, CMM00, CDF18b, CEP20, CMO10, CFJT18, DW97a, DW98, DDLP25, DW24, DKR12, DKK+19, Doh21, DMRR19, DWQY19, DKM14b, EG22, EG23, For24, GH07, GM17, GM14a, GZW20, GTLSCDGR24, GHL+23, GM15b, GM19b, GdSW25, GN07, HHT03, HSMT20, HRT13, Hen06, HMM+21, ISG15, JBH20, JLZ17, KP09a, KL05, KPL13, KP22, KW16, LO11, LL00, LYZ20, LB25, LZ25, LCR20, MC10, MAK20, NS06, ODN17, Ols07, OR18, Paz20, PKD23, PKV24, PDA09, PJ96, QS18, RKLN07, RMC12, Ros05a, STCK21, SRS19, Say15, SC98, Str99, SJD14, SL24, TBH23].

High-Order [TT20, TM14, TPB17, VB07, VGOR20, VA24, WMC12, WSK99, WMBT19, WS20, Wu21, WZ21b, WX21, XH05, XS24b, Yan22, ZS03, ZHQ20, ZC24, ZFZ14, ZV22, ZBdAF20, ABL20a, CSS93b, LSM93].

High-Performance [BB17, BMWK25, Mat18, PKV24, PPB13, Van20, WRS17].

High-Rank [AHPG24]. **High-Resolution** [BAFF00, CCSS03, FM07, HBL05, Kup98, Ld12, LFB13, LOL13, LT00, PL06, Ros06b, BSMM16]. **high-Reynolds** [BY93].

High-Speed [HC20a]. **Higher** [AABM13, AL97, BCR11, BM11, BR19, CG07, DFS17, DL23, DS14, DGP18, DS97, GMvdV18, GMS21, HLP23, HPAS24, ILK05, Kye12, LZG20, LE10, Lin06, LMRS21, LD04, MGG19, PWF18, Pem93, PRM97, RRR05, SLZ+25, VVM12, WGT14, WMKK25, XH15, YSS07, Zha18a, dVM08, vdVXX19, ZMC94].

Higher-Dimensional [DFS17, LD04].

Higher-Index [AL97, PRM97].

Higher-Order [AABM13, BCR11, DGP18, GMvdV18, GMS21, HPAS24, ILK05, Kye12, LMRS21, PWF18, SLZ+25, VVM12, WMKK25, YSS07, dVM08, Pem93, Zha18a, ZMC94].

Highly [AKT16, BMP14, BLYZ24, BHT00,

CSS09, FCZ23, GH99, HA01, HW14a, HMN+13, Hir24, HX21, HSY20, Ket08, KC16, KWG+20, KR12b, LXYZ23, OGO16, QSY24, RSG17, Sch98, Vil14, WSGT24, Xia24, YP98]. **Hilbert** [ZK14c, AE95, TY08]. **Hilliard** [GHMY18, KW07, ALl19, BS15b, HYW20, WZF25, XSWG23, XZ23]. **Histograms** [CSB+18]. **Historical** [CRS+18]. **HITS** [FLM+05]. **HLLC** [BCLC97, CLLY20, Gur04, Pel18]. **HLLC-Type** [CLLY20, Gur04]. **hm** [MRK20]. **hm-toolbox** [MRK20]. **Hodge** [GH13, KH22]. **Hodge-Star** [KH22]. **Hodgkin** [BN13, CRS20]. **HODLR** [CCL25, MRK20]. **HODLR2D** [KGA23]. **Hodograph** [RV22]. **Hole** [FNL+19, Pet99b]. **Hole-Cutting** [Pet99b]. **Holistic** [NL20]. **Holm** [LX16a, ZLZ22]. **Holonomic** [KM11]. **Homoclinic** [LMR97, LCH99]. **Homogeneous** [KS19, YZ07, YZ08, GM17]. **Homogenization** [AB17, CC16, HP20, Kna98, YHFG22]. **Homogenized** [GLL21]. **Homology** [PSKG13]. **Homotopy** [LZ99a, Oet99, TVV20, WWYX20, ZLG98, ZFwCW15, LL93]. **Hopf** [BFR23, EMSW12, GM96, MCJN94, WAS94]. **Hopfield** [Wan07a]. **Hopping** [CL18b]. **Horizon** [AFS19, NVT24, OSS22]. **Horn** [SWB16]. **Horseshoe** [UDH23]. **Householder** [DHHR09, MOHvdG17, YFS21]. **hp** [AJ22a, HS01a]. **hp}-Adaptive** [HS01a]. **hp-Version** [AJ22a]. **HPC** [AKK14, CHV+18, GKK10]. **HPS** [LBBG24]. **HQRRP** [MOHvdG17]. **HSS** [GLR+16, MRK20]. **HSS-Structured** [GLR+16]. **Huber** [HW99, RSNNR17]. **Hughes** [GM13]. **Hull** [AP01, Gre03]. **Human** [WiOH08]. **Hunter** [XS08]. **Hutchinson** [Che16]. **Huxley** [BN13, CRS20, MK24]. **Huxley-like** [BN13]. **Huxley-Type** [CRS20]. **Huygens** [Luo19]. **Hybrid** [AG18, AJ22a, Alp99, AKTW25, ABL20a, BB13, BBP21, BC10, BGP24, BC06, BCSS14, BBK+25, BBD18, BNN23, BP24, BCDE21, CPS20, CP13, CDF18b, CLL13, CEP20, CP15b, CS17, CJMS23, CFH19, CDN16, CGDD11, DW98, DDLP25, DP10, DGLW16, DRW20, FR15, FS12, GJLX16, GH07, GRS+15, Gon15, GKK10, HL20, HKLW21, HKB21, HEGH14, HMM+21, JCdS21, JWH08, JP14, Kar96, KK02a, KSB11, Kof04, LW12a, LB25, MRT00, MB24, PEdD12, DHM+23, RT10, RVA17, ST17a, TTSM08, VTD12, WDG+18, WC23, WZF25, WKKP13, WS15, ZL25, ZCQQ21, ZH09, vdHCDD15, FS13, KLL+23]. **Hybridizable** [CDG+09, CS16, FKMR19, SSR21]. **Hybridization** [DKL+19]. **Hybridized** [BEH+19, HRD21, KLL+23, WMBT19]. **Hydraulic** [SBK13]. **Hydro** [LXK08]. **Hydro-Elasto-Plastic** [LXK08]. **Hydrodynamic** [CCKP21, CYZ17, GZYW18, GZW18, HNS08, LXL11, OB08, ZYLW16]. **Hydrodynamical** [ANP00, BI09]. **Hydrodynamics** [AT17, ALMT20, ADK+18, DW97b, DKR12, Gon15, STCK21, WSA16, WT16, Wu21]. **Hydrogen** [VS17]. **Hydrostatic** [ABB+04, BSA13]. **Hyper** [HvBW23, LCS+24, PV23, PV25]. **Hyper-Differential** [HvBW23]. **Hyper-Reduction** [LCS+24, PV23, PV25]. **Hyperbolic** [AM18, ADP20, AH09, AD06, AGH00, BLH02, BBK21, BF16, BBSW94, BGGM22, BHN25, BATI25, BBF+22, BPR99, Bjø95, BR09, BPR13, BT20a, BBC+21b, Bur14, Bur23, CR23, CPPR12, CCER12, CDF18a, CGL24, CSX24, CLL13, CK94, CKW24, DM13a, DMMO04, DH95, DRFNP07, DGLW16, DS16, DBK25, DBSR17, DB07, FS05, FK21, GvdV17,

GB12, GSW17, GS00, GPSY17, GW00, HH02, HL09, HK17, Hol99, HS01a, HC20b, HL23b, IT09a, JT98, JW05, KPL13, KNP01, KPP07, KPW17, KEC23, LPR02, LLLX16, LSZ17, LLS22c, LLS24, LMMW04, Mar94, Nor07, RSW10, Rim18, RSA05, SL11, ST17a, Ser06, SDNC20, SMR01, SJD14, TW12, TCZC19, Tor12, TW95, Van95, Vil09, WC03, WDG$^+$18, XS24b, ZHBS25, ZQ17, dLRT09, Pem93, LD16]. **Hyperbolic-Elliptic** [CCER12]. **Hyperbolic-Parabolic** [AH09]. **Hyperbolic-Type** [GW00]. **Hyperbolicity** [DEN21]. **Hyperbolicity-Preserving** [DEN21]. **Hyperbolization** [TM14]. **Hypercube** [BME93, BEM94, CG93]. **Hyperelastic** [BMR13, SSJB17]. **Hyperelasticity** [GC19b]. **Hypergraph** [AKA19, AKA13b, ÇAK11, CCQ16, CQZ17, GBDD10]. **Hypergraph-Based** [GBDD10]. **Hypergraphs** [KPÇA12]. **Hyperinterpolation** [AW21]. **Hypernetted** [BPB07]. **Hyperrectangles** [Say15]. **Hypersingular** [Car07, CP07, GGK04b, HS99b, ST98, ZXY21]. **Hyperspectral** [BNP15, SKMF15]. **Hyperspheres** [TGC94]. **Hypersurfaces** [PP97]. **Hyperviscosity** [SWN20]. **Hypre** [KALO07].

I/O [AGL10, HKA$^+$21]. **I/R** [MIS03]. **IBOR** [LSPRV21]. **IC** [BT00b]. **Ice** [ALMR17, BSA13, HPR22, ISG15, PMSG14, TPT$^+$16]. **Icosahedral** [WL11]. **Icosahedral-Hexagonal** [WL11]. **Ideal** [ABK$^+$24, CCJ21, CLTX15, CFJT18, DW97a, DW24, Gur04, HRT13, MRS18, WS18, YHS07, ZMC94]. **Identical** [BLMS21, BLMS22]. **Identification** [AHDK14, ABP18, BE24, BU15, BCH12, CT03, EHS19, HKL$^+$22, HID23, JL20, KGM$^+$08, KGM$^+$11, KZ00, KG18, LS16a, PSDF12, SS25b, TJ25, WRBC24]. **Identifying** [AD15, EMSW12]. **IDR** [SS10b, SvG08, Son12]. **IEEE** [MRV06]. **IEEE-754** [MRV06]. **IETI** [RBS25]. **IETI-Based** [RBS25]. **Igatools** [PMCA15]. **Ignition** [BK00b]. **iHDG** [MTBT17]. **II** [ABBM98b, AHT12, ADH99, ACD$^+$08b, BT06, BS23a, BG05b, BM10b, Bur14, CM98b, CW14, CHL16b, DB94, DF99, EG23, FGMP14b, GS02a, GHR13, GM96, Hes97, KGGS10, LP08, LNZ19b, Log03b, MK24, MMMY96, NN17, Nat97, Pem93, PMSG14, ROO08b, She95, SY12, SKP22, SM07, VW98, WTW17, YZ08, ZLBC03]. **II.** [CPV95, SVX15]. **III** [ABH03, GS02b, Hes98, She97]. **Ill** [BS07, BLZ25, Bur13, Bur14, CH17, CCS98, FKN$^+$20, HR96, HvBW23, JLM25, KO99, Lan10, LM17, MFJ19, NM13, PS01, Reg96, RS02, SBC93, TO15, VW94, Di 95, HO93]. **Ill-Conditioned** [BS07, CH17, CCS98, FKN$^+$20, MFJ19, PS01, Di 95]. **Ill-conditioning** [SBC93]. **Ill-Posed** [BLZ25, Bur13, Bur14, HvBW23, JLM25, KO99, Lan10, LM17, Reg96, RS02, TO15, VW94, HR96, HO93]. **ILU** [Bol03, CPV95, CMV97, DWW23, Gup17, HS06c, INS05, JFG10, KOV15, MW13, Saa96, SZ99, Saa03, Saa05]. **ILU0** [GM15a]. **ILUM** [Saa96]. **ILUs** [BS05f]. **ILUTP** [May05]. **Image** [Ami94, BV03, Bar12a, BDE08, BDR18, BMR13, BNFS13, CDBH16, CCS$^+$19, CGM99, CMM00, CCSS03, CC03, CC11, CJK10, CMSS06, DEC05, DGP10, DMN08, FLDT25, FNNB05, FNB06, GY05, GMS02, GLN09, HM05, HHM07, HHM08, HW01, HW03, Hen05a, HLMR96, HS06d, HDB08, HHMDC18, KY03, KLW24, KRDL18, KHKL16, LFB13, LRT11, MR17, MB17, MGDB19, NWY10, NWY11, NP14, NN05, NNT13, SSM$^+$20, WBFA09, WNC08, ZHBS25, ZWZ$^+$13]. **Image-Driven** [SSM$^+$20]. **Image-to-mesh** [CC11]. **Imagery** [HLG24]. **Images** [BBSW16, BNP15, CCSS08, CC10, GHS$^+$09, HLZ13, LQZ22, Mit08, NO98, YZY09, Gu93]. **Imaging** [AILP07, AKLP10, ACHN21,

CHH19, CGM+21, CJN13, CHKsL20, DEM+20, FHR14, HHP22, JBL18, LTG22, MSL13, Tim19, XK08, dSK11]. **Imbedding** [PV94, PV95]. **IMEX** [AV25, BR09, BBM+15, BMV13, EG23, GTLSCDGR24, GML+21, GYM25, PL21, WvdZSvB18, BK24]. **IMEX-DG-S** [PL21]. **IMF** [VM13]. **Immersed** [AL02, AC04, AC05, AM19, BMDO16, BKFG19, CGZ23, CBF17, DK03, FGMP13, FGMP14b, FK00b, GY06, Giv12, HHLZ21, JP01, KP06a, KLJ10, LHL12, LL97, LL03a, LP04, MP20b, MR18, TLLK09, TP09, VP10, WFAP15, XW05, FGMP14a]. **Impact** [Kaw15, SCS04]. **Impedance** [BCH12, BTLZN22, CHH19, GJ21, HHMS15, KH00, WRBC24, vdDA12]. **imperfect** [LP06]. **Implement** [AP24]. **Implementation** [ABH03, AH06, AW11, BMP14, BP97b, BBC+01, BG12, BB02, CD20, CGBKS25, CVW06, Drm97, DG99, DSYG18, FN94, GCB15, GLR+16, GMT98, HS05b, HKR16, HWD02, HS17, HMR09, HC98, JK21, KR06, KBG23, Leh15, LZ99a, LXES19, LT14, MCT+05, MLL13, McL07, NRSD18, SCM10, ST00, VW98, WL13, XH15, ZK96, FGN93, Göt94, Heg95, Log03b, Smi93]. **Implementations** [BDM+18, GKNW18, Ket08, LSG24, MDKN23]. **Implemented** [CPG20, Yan19]. **Implementing** [DH24, EFOS20a, EFOS20b, LST07, LZ99b, Van20, YYWY18]. **Implicit** [AT20, AWM+25, ADP20, ALJ99, AAII98, AHH06, ACF09, ÁJHP24, BCP24, BL24, BF06, BZ15, BPR13, BBM+15, BQR18, BW01, BHK12, BS23c, CCCC+24, CB98, CZZK16, CCM08, Che16, CR21, CCG14b, CS10b, CMSS06, CPB19, DW98, DHL21, DDP25, DLM16, DFW22, DMD+12, DB07, EL20, Ena97, EG25, EF05, GH18, GRL10, GKC13, GNS22, GX16b, GMY24, HC05, HMR09, HYC15, HL23b, HPS22, JSZ22, JWC21, JLP18, JR96, JR98, KSMM18, Kir24, KW15, LL02, LM05b, LBYT24, LCK21, MR09, MNS07, MO10, MDKN23, NQE25, NNRW09, NW22, NKM10, ODN17, OS98, PP05, QS18, Rak21, RHL+21, RMC12, RG09, Sem10, Ske00, SKPD22, SKP22, SL24, TKCC13, TIP23, VV05, VD10, VS04, WSA16, XZLX22, YCC10, YC14, ZEG19, ZTBK18, ZSB16, ZLZ22, ZC23, ZS02, dLRT09]. **Implicit** [vdVXX19, BCT05, BQRX22, CM25b, GC16a, KS13, Lam97, Lie93, TV93, vd97]. **Implicit-Explicit** [AT20, ADP20, AAII98, BPR13, BQR18, CZZK16, CR21, CS10b, DW98, GKC13, JLP18, ODN17, VS04, BCP24, ZSB16]. **Implicit-Modal** [KSMM18]. **Implicit-Solvent** [WSA16]. **Implicit/Explicit** [DMD+12]. **Implicitly** [BCR03, BR05a, DPF15, FGO20, JN10, LVWW03, OR24, PHA18, Say15, ST16b, SSW98]. **Importance** [BQRS23, CDS24, EBSS+11, Kaw17, Kaw18, Kol99, MDG+18, QDKW18, WLPU20, ZWH+14, ZWH21]. **Imposed** [BBS19, BBS22, MRB23, Vil09]. **Imposing** [Gao23]. **Improve** [DJ07, HJKK22]. **Improved** [ACdS+11, AMH12, ALRT17, AL07, BGH+03, DM16, DDF00, DG16, FO19, GLZ22, HL95, HR98b, JSPC97, Joe95, Lee10b, LGP14, MP20b, MT19b, Mit23, Nik00, OX22, PQOB14, Pol16, RX17, TLH21, ZF14]. **Improved-Quality** [Joe95]. **Improvement** [BGS17, BDE08, TEE+17]. **Improvements** [BMR10, Cho01]. **Improving** [AAB+15b, BDJ05, BQRS23, BTLZN22, CLGR25, CZ13, GSS00, GG10, HR98a, KV13, LLS22b, LRS25, MS06b, NL20, PDE+17, RF07, SRI+18, WGS25, You25, vSRV11]. **Impulse** [CC08, Cor98, MIS03]. **Impulsive** [YZY09]. **In-Between** [HLG24]. **Inaccuracies** [CSS09]. **Inaccurate** [Kou09, TEE+17]. **Incident** [ABL20a]. **Incident-Field** [ABL20a]. **Including** [CAB04, CGX21, JSV10, LM12, LM21,

MN11]. **Inclusions** [AIL05, AILP07, BMW24, CHZ21]. **Incomplete** [BS99a, BSvD99, BMMM08, CLNZ16, CP15a, GST12, GG10, HSTH18, KN21, KLN20, LL17, LM99, MOKS12, MG07, Man95, Meu01, MM95, MM98, MMN00, Nap23, PSLG14, RT10, ST14a, ST14b, ST16b, SKN19, VM13, WGB97, WZSL12]. **Incompressible** [AMMR10, AMM$^+$10, ABM$^+$13, AB19, AP23, AABM13, ACW21, BB13, BBSW15, BCP24, BCLT15, BSSW13, BL07a, BW11, BS15a, BBKW19, CPW15, CRS21, CC12a, lCCVEKV17, CHH10, CST$^+$13, DSW22, DD00, DL17, DLTZ05, EAS11, EAOS21, EMSW12, Fai03, FMW19, FGO20, FF05, GHTW00, GHST98, GK98, GGS08, GXZ21, GM15b, GM19b, GYM25, HSB20, HHK19, HB97, JK00, KGGS10, KCZ15, KPS19a, KOV15, KBG18, Kup01, LW12a, Lay96, LL03a, LPMR19, LQC23, Lui01, LCY$^+$20, MS06a, OSCE00, PWZ10, PT01, PSC$^+$16, SBHS19, SY10a, SWT00, hSSW23, SF99, SO09, TLN14, TLLK09, TAY$^+$19, WGS17, WG20, ZHS10, ZVF18, ABS96, ABCM97, SS93c]. **Inconsistent** [BW21]. **Incorporate** [LP03]. **Incorporates** [Bol03]. **Incorporating** [IP06, McG95]. **Increasing** [MKRK13, RZTK$^+$15, vSRV11]. **Incremental** [AGVG24, KGM$^+$08, ZCC$^+$16]. **Indefinite** [BHT00, CKY98, CPS11, DKXS18, EPV94, GW98, GG03, HS06a, HSCTP04, MM19, MGW00, NV98, PV95, SIS96, ST98, VK13, XS17, dSL05]. **Independence** [FL18, FK00a]. **Independent** [AD20, BBC07, BVW03, CKLL16, DP10, GL24, HTB$^+$05, JK12, MXB15, MR07, Par24a]. **Index** [ABST13, AL97, BBC07, GPS95, GW00, LP24, MB00, MB02, MS93a, MMVW13, NPS22, PRM97, RMB00, RNV17, Sch05, TBKF14, YZZ19, Lam97, MT97a]. **Index-1** [LP24]. **Index-Aware** [ABST13]. **Indexing** [BG12, ZS99]. **Indicator** [ACHN21, Ber98b, Pic03, ZWG21]. **Indicators** [QS05a, VR16]. **Indices** [HAG17]. **Indirect** [AGSV25, CGR14]. **Induce** [SvG10a]. **Induced** [CC98, DMM$^+$16, GL24, Kla98a, KWW13, LRP07, LP08, NG18, SE16]. **Inductance** [MS07c]. **Induction** [HS99a]. **Inductionless** [LNZ19a, LNZ19b]. **Industrial** [ERSZ17]. **Inequalities** [BW96, BF24b, WC23]. **Inequality** [BL07b, KB08, KP12a, Lee13b, wLxY00]. **Inertia** [CP95, LRP07, SWW08]. **Inertia-Gravity** [LRP07]. **Inertia-Revealing** [SWW08]. **Inertial** [BRR18, WS95, RST93]. **Inexact** [BN05, BRR18, BVW03, CK02, CL11, CMVPP24, CSW10, EV13, FSvdV98a, GY99, GRMS09, GC19b, GHKS14, HYC16, KW00, KHRvBW14, LOSZ07, LK15, LHL$^+$22, LR20b, LW20b, LCY$^+$20, LC23, NWY11, SBM07, SS03, SV01, Wic17, YDF97, Car93, EW96]. **Inextensible** [LHL12, LO19]. **Inf** [HS06d]. **Inf-Convolution-Type** [HS06d]. **Infeasible** [HS06d]. **Inference** [AWA$^+$18, CCH$^+$25, DKM14a, GPB24, HXW22, LW12b, LW14, MKW23, Peh20b, QFW22, Rei13, UWWP23, WBM$^+$25, YCHS25, YGS$^+$21]. **Inferences** [FL18, GR04]. **Infinite** [APSG14, APSG16, AS18, Bla98, BTGMS13, Coa12, CJS23, GJ17, GM98, GKNW18, GMYL23, HLP21, JMR17, LRS25, NHSS13, PMSG14, PSSW15, SD11]. **Infinite-Dimensional** [APSG14, AS18, BTGMS13, PMSG14, APSG16]. **Infinite-Variate** [GKNW18]. **Infinitely** [IK10]. **Infinitesimal** [CR21, FR23, RSS20]. **Influence** [BCCI98, EHL05, KS15b]. **Information** [CLNZ16, DGS08, EBSS$^+$11, GRT05, GKRB16, KKP14, KdS05, MGG19,

PVK16, SKT25, UG19, YTT21, Car93]. **Informativity** [AG25a]. **Informed** [BT20a, CYDK21, GYZ23, HJKK22, HJZ24, HYW+25, HZKK25, KKKK24, LPY+21, LORCG25, OCY+25, PLK19, PFRS24, WTP21, YZK20, YZL20, ZGK20, ZCT24, ZHS23, YDK22]. **Inherent** [KW10a]. **Inhomogeneity** [LLS19]. **Inhomogeneous** [ABBM98a, ABBM98b, AM19, BCAG22, BV20, BP24, CHZ21, FDS13, Kon21, LQZ22, ZCZ04, ZB12]. **Initial** [ACW21, BHP98, CGAD95, Cas05, CV94, DKO12, FS02, For06, GG13, HJ18b, IM97, LV07, LZ21a, LMM18, LK98, Pat97, YWdCN+24, Rán93, Sar97]. **Initial-Boundary** [FS02, For06, LZ21a]. **Initial-Value** [GG13]. **Initialization** [FLM+05, GB98, KOB20]. **Initialized** [CRO23]. **injection** [SS95]. **Inline** [FDH+20]. **Inner** [DHZ+21, EMN17, GGGL10, GY99, HJ19, OKdSG17, OR24, TX24, Won16, Saa93]. **Inner-Iteration** [DHZ+21]. **Inner-Outer** [GGGL10, GY99, OKdSG17, Saa93]. **Innovations** [Kea97]. **Inpainting** [BBH+25]. **Input** [AA14, BTWG08, CABZ25, JML22, NS21]. **Input-Output** [CABZ25, NS21]. **Inputs** [BBC+21b, CJGX15, CAG+19, JLP18, KKN21, KP21, LZ20, XH05]. **Insect** [EKSS16]. **Insertion** [CC12b]. **Insights** [DMM19]. **Inspirals** [FNL+19]. **Inspired** [KPR25]. **Instabilities** [CSS09, MIS03]. **Instability** [LP04, Mat95]. **Instationary** [And17, LP22]. **instructions** [Goe97]. **Insulators** [ACdS+11]. **Integer** [JF16, VLM22]. **Integral** [AAAH+19, AHK+17, AHPG24, AKTW25, AL99a, ATV07, ADS21, AC95, ACD+08a, ACD+08b, BHK14, BLM22, BQR18, BV98, BIYS00, BHM25, BS06a, CDK21, CDY07a, CP03a, CP05, CP07, CCA03, CCC18, CB22, CC18, CGMV05, DO11, DD13, Du16, FF24, GCS19, GL22a, GS18, GPK04, GK98, GM23, HW15, HO18, HS05b, Hel11, HJ18c, HSZ12, HS99b, HW09, HV07, JVG12, KX96, KL13a, LS99, LL11, LRS25, LXYZ23, MG11, NKLW94, Nas09, NAS13, Nit99, PATF19, PRM09, PS19b, QZZ19, Rah00, RU01, Ros06a, RD21, ST98, TW03, VGOR20, VPP05, WC22, XEG06, XZB11, XCLQ20, YCZ13, YR98, ZXY21, ZB12, dAFR25, iW11, ABCR93, Atk94]. **Integral-Based** [LRS25]. **Integral-Equation** [MG11]. **Integrals** [BT13, BD99a, Car07, EJJ08, GKNW18, GGK04b, GKD24, Inv02, ISS06, KKS13, LS12b, Li10, LW16, MAH22, MCH24, PDA09, Pol25, Wen08, Wen10, Yun03, YK03]. **Integrate** [BS15a]. **Integrated** [GMKJ+24, IT14]. **Integrating** [ACP25, LLJF21]. **Integration** [AD25b, AT19, BCR99, BL07b, BV09, BGMW17, CSS09, CKN06, DHL+23, DEP11, Elb06, FFK+14, GV07a, GP24, GH18, GM98, GC16a, GNS22, GS02a, GS19, HS97, JSPC97, KP12a, KKN18, LS12a, Lau22, LL03b, LD04, LWS25, Man05, McL95, Mic01, Mis01, NHZ25, PBP14, Pat97, PS19a, PVC17, PP12b, RMR15, STCK21, Sei23, Ske00, Tap22, Vil15, WSZ14, Yun03, ZS14, AGC96, Rán93]. **Integrator** [AE18, BDZ13, BLR99, BV16, Cas05, CKL24, EL18, GG13, HJQ24, HJX23, KBG18, KL00b, TT20]. **Integrators** [AB16a, AMH11, AV21, BB05, BCSS14, BCCSS21, BT19, Buv20, BS23c, COR13, CCEO24, CRS20, CMO10, DMD+12, DSL21, FMYT16, FMW25, GH25, GDB+22, HLS98, Jah04, KM19, LV20, LW16, MW08a, MMVW13, MHW22, NQE25, SZS97, Vil15, CSS93a, LMSSS97]. **Integro** [AH18, FK25, jQZ24, SE11, ZV05]. **Integro-Differential** [FK25, SE11, AH18, jQZ24, ZV05]. **Integrodifferential** [MSW05, Win10]. **Intensity** [LQZ22, MR17]. **Intensity-Preserving** [MR17]. **Interact**

[Men94]. **Interacting** [KKP14, LL22]. **Interaction** [ACF09, BQQ08, BR19, BC10, BB15a, BKFG19, Bur23, CHV+18, CM25b, CDFQ11, FUNB18, FGS14, FKTW10, GLS24, GHL25, GSV20a, Gu93, GSW+25, HDB08, KV05, LL22, LQR12, LW20b, MKWG15, NV08, PVV11, RR98, RW13, SOTB21, ZVF18, vBdB05]. **Interactions** [AKPRB08, CKS25, DW97a, DCL+21, GGM01, HHLZ21, JLXZ21, LT21, XC20, ZZZ21]. **Interactive** [DTT+16]. **Interconnecting** [LOSZ07]. **Interest** [GV07b, LQX14, MNvST13, ZBFN17]. **Interface** [AL02, AC04, AC05, AdWGV+20, BLPP24, BMDO16, BP13a, BEH+19, BCDE21, BFSN08, CCL24a, CFGM11, CGZ23, DL17, DQQ13, DFL20, DK03, ES17, EHS19, FKQS17, FK00b, GHL25, GGLT00, GGZ02, GDC+23, HLLM15, HCRT13, HBSC97, JW05, JLY08, KMW99, KGR16, KLT16, KS15b, KSW20, LHL12, LO19, LSY+25, LL97, LL03a, LI01, LWCL03, LY20, LD05, LGR20, MR18, Mu99, NKM10, QS14, QSV06, Rei18, SSVW17, SF99, TLLK09, Wan04, WLY25, WCHZ14, XW05, YHSL24, ZEG19, ZD09, ZF14, Zha18a, ZLY+18, ZHS23]. **Interface-Preserving** [SF99]. **Interface-Strip** [QSV06]. **Interface-Type** [JW05]. **Interface/Multigrid** [AL02]. **Interfaces** [AWW19, BG20, CG99, GSV20a, KBP17, MJR05, MK96, MRS16, WP19, ZWP21]. **Interfacial** [HM98, MR18, SF99]. **Interior** [ACCO00, BHT09, BB08b, BCL99, CMS17, CSW10, CFM98, FTNB24, rFS12, GvdV17, GHKS14, KV20b, KM16, Pla98, PBJ+96, RG07, RN14, SVX15, TK13, VK15, WWY11, ZG23, dMHJM00]. **Interior-Point** [ACCO00, CSW10, CFM98, GHKS14, Pla98, PBJ+96]. **Intermediate** [FNL+19, Pat97]. **Intermediate-Mass-Ratio** [FNL+19]. **Internal** [DQQ13, Hwa07]. **Interpoint** [LL17]. **Interpolant** [AS16, Ber00b]. **Interpolants** [EM99, FM12]. **Interpolated** [AKP25]. **Interpolating** [AF11, AMV22, BT19, Har11, Hol99, KW10a, Por01, SEKR24]. **Interpolation** [AGSZ16, AD18a, AWW19, AKTW25, AN16, AKM+14a, BLS06, BLB00, BGRS24, BEEM18, BG21, BKH+22, BCK+18, BCF+00, BRDQ24, Cai95, CD19, Cao07, CV07, CD15a, CW15, CS10a, CH94, CCFG23, CW12, DEM+20, DD12, DFQ14, DMBB10, Doh07, DKS21a, DG16, DHO12, Far24, GL18, GLS13, GD07, HV01, Isa20, ILW17, JKY21, JRGPR25, Kog22, KLY19, KLZ+06, KP07, LW19a, LR99, LSY21, LL25a, LN04, MH17, MS07d, MC10, MS20, NK15, NX12, NX13, OST11, PV23, PBWB14, PDG20, PATF19, PRM09, PJ96, SV13, Sai20, SBK18, SU25, SCW23, TGC94, VMM13, Vas10, WCS00, WB00, WTG12, Wel17, Wel20, WRS08, XH15, XZ10, XZ14, ZN16, ZCK12, ZHQ20, ZZ16, ZH21, Zim20, ZB24, vHBTC12, AE95, Anj93]. **Interpolation-Based** [BG21, CCFG23]. **Interpolations** [RKLN07]. **Interpolative** [ABD25, BCY21, LY17, PHY20]. **Interpolators** [PLVG+22]. **Interpolatory** [BBBG11, GSW13, Men22, dSGK+15]. **Interpretation** [BGMW17]. **Interpreting** [SS10b]. **Interrupts** [LNP15]. **Intersection** [SV08b]. **Interval** [BDMFSL04, CGS02, GCB04, Kea97, McL12, SXXN22, SV03, Yun03, Jam96]. **Interweaving** [MSB+15]. **Introducing** [BDV25]. **Introduction** [Elm98]. **Introductory** [BV19]. **Intrusive** [GLL+14, GLMN15, GN19]. **Invariance** [BB05]. **Invariant** [ARM+19, BP12, BDF08, BV16, BDE08, BBK06, CR23, Chr09, CGP22, DLY16, DDF00, DB94, EL01, EL03, EG22, EG23, FD03, GPSY17, GNPT18, HKM97, LLD99, LSU11, LX16a, PFRS24, RWDL19, VP11, Wu21, YY18, ZLZ22, ZT25]. **Invariant-Domain** [EG23].

Invariant-Domain-Preserving [EG22]. **Invariant-Preserving** [ZLZ22]. **Invariant-Region-Preserving** [Wu21]. **Invariants** [CHAMR06, SBS98, XS24b]. **Invasion** [WP98]. **Inverse** [AB08a, AMH12, APSG14, APSG16, AS18, AVBTG17, AA13, ABBT+20, ADL+12, AS23, AHDK14, AC22, BCS07, Ban08a, BL03a, BYZ19, BSHL14, BH20, BC06, BK08, BMT96, BT98, BT00a, BCT00, BBFJ16, BCFJ19, Bol03, BS05f, BESS19, BLZ25, BT01, BGR16, BDR18, BBR08, BTGH12, BTGMS13, BGMW17, BJW18b, BJW18a, BH14b, CPS20, CDGS05, CBG12, CK23, CGZ24, CCH+25, CYDK21, CS98, Cho00, CDY07b, CN10, CCO11, CEO11, CS17, CJMS23, CGM00b, CHM02, CPD17, DSZ13, EMSW12, EPMN25, FLU+20, FWA+11, GSO17, GNL14, GY02, GS98b, GHR12, GHR13, GMS18, HHP21, HN20, HvBW23, HC05, HCRT13, HAS20, HP94, Hös94, HZ22, IL24, JZD25, JFG15, JKM14, JL19, JZX+21, JCdS21, JKY24, KY19b, KLZ22, LLZ08, LM14a, LZ17b, LLSX21, Li24, LWG10, LNC05, LY22, LPY+21, LvL21, MWBG12]. **Inverse** [MZ94, NP10, NBT24, NHZ25, NRSD18, OGO16, PVV11, PMSG14, QZZ19, RKvdDA14, RCC18, SSW18, SKN19, SSC+15, SCW+17, SLO13, SSR+22, TS11, TPQD22, TBKF14, TTY16, UG19, VFHG25, WZ03, WBS+17, WBTG18, WG20, XYGO01, XK08, YG15, YBHY15, YY25, ZN16, ZGA10, CS97, Nag93, Tre97, MG09]. **Inverse-Based** [BS05f]. **Inverses** [BT99, BGMR01, GH97, HWS05, KRT16, LS20]. **Inversion** [AdSK19, AGHJ23, ADLW19, ASS16, BQW23, BBW24, BT21, BTGMS13, CCC17, CG21, CG17, CGMV05, DDE+20, DF21, GST12, HFL+16, Lee21, LYL+11, Luu15, MWBG12, MBVO13, OD12, PDC99, QQSvdG01, RT10, TJ25, TH17, UDH23, WEB25, YBM+18, dSGK+15, vLH14]. **Invert** [LPS10, ZTK19]. **Inverting** [GGM01, GMV99, Wei99]. **Investigate** [vD03]. **Investigation** [BV19, Dar21, Lan10, PBJ+96]. **Investigations** [LL00]. **Inviscid** [ABC00, FL02, HDF+19, In99, LH00, PM15]. **Involving** [AOR18, CG18, DTR21, DY23, FF05, KP09a, PDA09, RKvdDA14, SSW18, TWYZ20]. **Ion** [GST+99, XL20]. **Ionic** [BEHR24, XJS13]. **Ions** [GJLX16]. **iPSC** [Rot96]. **iPSC/860** [Rot96]. **IRBL** [BCR03]. **Iron** [HHP21]. **Irreducible** [XD21]. **Irregular** [BOPGF06, ILK05, JZ13, KK98, LQH21, Liu20, SKF18, SV03, WL04]. **Irregularly** [Har11, PYSG13]. **Irreversibility** [WW22]. **Irreversible** [ST22b]. **Isaacs** [BHT11, HW13]. **Isentropic** [Egg18]. **Island** [ABM+13, LL11]. **Islands** [BM95b]. **Iso** [YZ08, YZ07]. **Iso-Homogeneous** [YZ07]. **Isogeometric** [AB19, ABPW21, BPS+14a, BCdF+20, BDS20, CDPC13, DKSW19, HLT16, HLNS19, PMCA15, ST16a, SD21, WSP22, dVPS+17, dlRRG19]. **Isometric** [BMP22]. **Isometry** [BBK06]. **Isometry-Invariant** [BBK06]. **Isoperimetric** [GS05]. **Isosurfaces** [Wal13]. **Isothermal** [RJLW20]. **Isotropic** [CMM+07, GLQ16, JLY08, KR14, KLY19, MMM+94, PABG11, SCC17, MMM+95, MMMY96]. **Issue** [Elm98, Elm00, GW04a, JKR08, Tum10, Vas07]. **Issues** [DG98, FFMT96, HR05, Wan07a]. **Itô** [BRW10, GS14]. **Iterants** [BM95b]. **Iterated** [AP23, BL08b, TCn+23]. **Iteration** [AMM+10, AEFM17, AFK15, AP99, BBGS13, Bog14, BGH13, CGL+13, DH95, DEC05, DJLZ96, DHZ+21, DL22, EEO01, EMSW12, EN08, GGGL10, GW98, GY99, GWBW22, Gu15, GD07, HHLW15, JKM14, LM15, LP22, LLWxY20, LY13, LW20b, LR98, SQO02, TY00, Ver96, WMUZ13, YBHY15, YP98, ZMS21, vNLB04, Atk94, CGP93, LZ94, TT96b, Ver94, vd97]. **Iteration-Free** [Bog14]. **Iterations** [AD20, BDE08, CS98, Fer98, GPP95, HJ19, KMT98,

Mit23, OS98, PL03, vLHH21, ES96, NP96]. **Iterative** [AG25b, AD25b, AGR20b, BKMR25, BBP21, BHN07, BGL08, BYZ19, BS25a, BG10, BCC+15, BGS17, BF23, BATI25, BER17, BC99, BMMT14, BC08, BC09b, BP24, BNFS13, CJH11, CH17, CH18, CHP20, CK23, CMK11, CJN13, CL21, CN10, CS17, CDPC13, CRV13, DW97b, DW98, DJMR23, Dax03, DS00, Den97b, DJ07, DYZC22, DMG+24, DHHR19, DC24, DLNW24, Elm98, Elm00, FB21, FFMT96, FS01, FS11, FDH+20, FJP+11, FKW13, GLRS23, GH13, GRT05, dMGF17, GV98, GHS+15, Gri94, GO09, GrM10, GS97, GP96, HHRV93, Hag00, HW01, HS99b, HD15, HJJ22, HK95, JW08, JSV10, KR12a, KM98, LVWW03, LK93, LCBD07, LCN14, LW19a, LLX15, LGHL23, LLS22b, LY98, LB24, LR20b, LCJ96, LBBG24, LGH+13, MS07c, MKSG10, MM19, MK00, MS06b, MPW18, MSM14, MG12, MCJN94, MO21, MVBS23]. **Iterative** [MDG+18, MTBT17, NKLW94, Nat98, NAC+15, NS19, NFFP18, PNW16, PS13, PW98, PRR05, PF94, PR96, RW11, RSZ24, RH09, RtTBAI21, RV10, Rüd94, SS98, SG11, ST17b, STY24, SG95, Sim07, SH14, SC98, Sta24b, SZW20, Sun95, TET10, TW13a, TLT12, UA07, UEE12, Vas07, VW94, VO96, WPL+13, WX99, WYL+22, WNC08, WC17, XL20, XZLX22, Yan94, ZS25, ZW94, dlRGH+25, vdVY00, Bia94, CN93, DS96, Lie93, MMPR93, PCDB96, Smi93]. **Iteratively** [BM01b, CILW23, GNL21, KASL21, Lan10, RVA17]. **IV** [She99, ZLBC03]. **IV/MD** [ZLBC03]. **IVP** [vd97].

J [BEM94]. **Jacobi** [BHT11, CCFP12, CCF14, CFZ25, DKK21, DKS23, HW13, KK18, NZGK21, ZHL21, Abg09, AH04, BFS16, BL03c, CC16, CFR05, CMZ+24, Drm97, FSvdV98b, GST19, Göt94, GI99, HT13a, HL10, Hoc01, HS99c, HJX15, HHLW15, HJ19, JP00, KNP01, LNSZ06, LT00, LPS13, MN07, MK00, NvdP00, Nov15, Nov23, PGSO24, RO18, RZTK+15, SB98, TW05, VAF+24, YDF97, ZS03]. **Jacobian** [AMB+94, CG18, CV98, CMVPP24, GJP+14, Knu96, KR00, RtTBAI21, SBND11]. **Jacobian-Weighted** [Knu96]. **Jacobians** [PT08, TB99b]. **JCP** [DSA23]. **Jet** [BLGL11, GMBR24, PC21]. **Jets** [PL06]. **jInv** [RTH17]. **Johnson** [Wal24]. **Joint** [AGSS19, MFSY19]. **Jointly** [Bar12b]. **Jordan** [Aru12]. **Joseph** [HLLM15]. **Journey** [SvdGP16]. **JSC** [DSA23]. **Julia** [KBG23, RTH17]. **Jump** [AM05, BMDO16, CH08a, KL11, Lay06, LZ16, MEHL16, Toi08, Wan04, XW05, dFL05]. **Jump-Diffusion** [AM05, CH08a, KL11, Toi08]. **Jumping** [CGM00a, KRGO19]. **Jumps** [DMR17, FK25, GDC+23, Kaw15, LGYZ24, WWL+25a, Wel17]. **Justification** [Li03].

Kac [DYZC22]. **Kaczmarz** [BW18, BW21, DHN17, DSS20, DHZ+21, HNR17, JN25, vLHH21]. **Kaczmarz-Type** [DHZ+21]. **Kadomtsev** [KR11]. **Kahan** [GSR19]. **Kalman** [KK16, LTT16, Lee21, LM14b, NRSD18, PMSI21]. **Kansa** [KCL16]. **Kantorovich** [DF10]. **Karhunen** [CML+18a, SA97, SAY03]. **Kármán** [CC97, CGM00a, DP03]. **Kawasaki** [CGO22]. **Keller** [HS21]. **Kernel** [AGI10, BMaK19, BzCS11, BGRS24, CCJ21, CD19, CP03a, Che13, CWA14, CTU25, CL18c, DKDH20, DU19, GLS13, GJZ18, GKD24, ILW17, JKY21, KS18, KPR25, LTZZ24, MK24, MXB15, MXYB16, MR07, NH18, Nas09, Ree24, RLC08, SRS12, SL22, TY08, WMP24, XKWY08, ZXH+24]. **Kernel-Based** [AGI10, BzCS11, BGRS24, CCJ21, CL18c, GLS13, ILW17, JKY21, SL22]. **Kernel-Independent** [MXB15, MR07]. **Kernels** [AHPG24, AT19, ABP18, BV98,

CCFG23, DEM+20, EY07, GHHH17, GR02, GP18, HM20a, LL22, LCD14, LXZ20, Pla15, PS01, WMSG09, ZZZ21, DR93a, Goe97]. **Khatri** [DMM20]. **Killed** [DYZC22]. **Kind** [CP03a, CP05, NKLW94, ZCP06, ABCR93, Atk94]. **Kinds** [ZFZ14]. **Kinematic** [BMV13, PDC99]. **Kinetic** [AT20, BK18, CL18a, CHL16a, CHL16b, DP10, EM24, FY14, FR15, GV16, GKRB16, GC16b, HHLZ21, Jin99, Kla98a, Kla99, LS12a, LFH19, LS13a, LM08, LM12, LXL11, MBS22, PL21, WT23, WMC11, WY19, Xu99, YJ13, YHS07, ZZX23, BPR13]. **Kinetic-Diffusion** [MBS22]. **Kinetical** [Dor98]. **Kinetical-Consistent** [Dor98]. **Kinetics** [CE16, IP06, YS16, Ver94]. **Kinks** [BG20]. **Kirchhoff** [GSV18, GSV21]. **KKT** [AVBTG17, KRT21]. **KL** [LZ04]. **KL-Based** [LZ04]. **Klein** [BDZ13, GMYL23]. **Knot** [BB15c]. **Knots** [PS03]. **Kogbetliantz** [Göt94]. **Kohn** [BCD+25, DLY17, DL20a, LY13, YMW07]. **Kolmogorov** [BCI25, KPR25, TCY25]. **Koopman** [DMM19, LYY24]. **Korteweg** [Yan22]. **Kou** [Toi08]. **Kriging** [CZ23, CDW14a, CDW14b, YTT21]. **Kronecker** [BL03b, BD05, DO15, FT03, Ull10]. **Krylov** [BG05a, BG05b, CGK+98, CC12a, KWG+20, MPS09, PBC05, AG25b, AA02, AGHJ23, BvG15, BBM11, BG05a, BKT21, Bot23, BKS23, BHP94, CR16, CKD13, CR24, CS25a, CCSY98, CPS11, CS14, CG19, DKZ09, DLZ10, DR13, EEO01, EN08, EN09, GW17, GY02, GOS12a, GJMM24, GT19, GD07, GVMM14, HL98, HPS22, JMM10, KFR21, KR17, KR99, KVMK01, LMRS15, Li24, LMT18, LL08, LWZ13, LBHH22, LT14, MR17, MB17, Mou20, NG18, OKdSG17, OW00, PS02, PF12, PdSM+06, PT01, Ruh98, SBK13, SSM16, SW01, ST94, SS03, Soo16, SV25, TE07, Tor12, TS14, VMM13, Wal99, Wei94, ZG23, ZYSL15, dSO21, vdVY00]. **Kullback** [PSSW15, SKO21]. **Kuramoto** [APS12, PWM22]. **Kutta** [CSS93b, Cas05, VS04, Zbi11, AGC96, ACP25, AM17, AGH00, BM17b, BR09, BPR13, BBM+15, BRW10, BS25b, CQ22, CHAMR06, CGAD95, CL23, CL24, CSX24, CMVPP24, EM96, EG22, EG25, Fis19, GTLSCDGR24, GMM15, HMR09, Jay98, JWC21, Ket08, Kir24, KCB17, LLJF21, MNS07, McL07, MRS14, MHW22, MDKN23, OS98, PT99, PPR05, PKD13, Pat97, QS05a, QS05b, RHL+21, RSD+20, RM08b, SS93a, SKPD22, SKP22, TVA02, TLT12, TP99, VV05]. **Kutta-Based** [GMM15]. **Kutta-type** [AM17].

L1 [XZ23]. **Label** [SMR16]. **Lack** [BCCI98]. **Lag** [PT99]. **Lagrange** [PBC05, BB15a, BS15a, BLS14, BG05a, BG05b, CC12a, CS23, GJSZ25, GLL01, IT09b, KL15, KMW99, KW00, LC21, LNS15, YHC16]. **Lagrangian** [BW11, AT17, ALMT20, AS16, AVBTG17, And17, AHH12, AHR12, BMTZ13, BSMM16, BO06, BP13a, BF14, BDM24, BCV13, CQ22, CPH14, CTB15, CDF18a, CF07, CJY16, DDP25, DKR12, EM24, FCR93, FMW19, FGO20, FL08, GHL25, GT06, GPSY17, HM10a, HVK18, ISS19, KPS+25, KMER22, Kor15, LFM22, LL02, Lay03, LBF25, LW20a, LL94, LH00, MABO07, MR17, MB17, NSK10, OB08, PS19a, Ros05b, RLM+00, STCK21, hSSW23, DFK23, SLZ+25, WLE+00, WZET13, WZC25, Wic17, ZD19, ZC24, ZC25, ZCQQ21, dFL05]. **Lagrangian-Based** [BW11, BO06]. **Lagrangian-Remap** [BCV13]. **Laguerre** [BS05c, BLS09, DJLZ96, LZ94, LZ99b, Nik00]. **LAMG** [LB12]. **Laminar** [JMN01]. **Laminated** [Li03]. **LAMMPS** [WSA16]. **Lanczos** [ARMNW10, ADRS95, BCR03, BR05a, BF01, CKD13, CS25a, CTU25, DGK98, rFS12, FW24, FGN93, GH15a, GJ17, GT94, JN10, LXV+16, MS93b, MN11, Ng00, PPS22, RG98, SZ00, Ste02, WXS19,

YC99, ZTK19, ZS18, ZMS21, vdEH05]. **Lanczos-Based** [CKD13]. **Lanczos-Type** [RG98, ZMS21]. **Land** [HPR22, XK08]. **Landau** [AB16a, AHK+17, AWM+25, BBP13, CS23, DJT08, GS16, LM05b, LWW20, Mu97, MDC98, NR98, VO19]. **Landscape** [GCN21]. **Landweber** [BDE08]. **Langevin** [AWA+18, CDK21, KM11, Lau22, LS22, LLLH24, RCJ23, ST22b]. **LAPACK** [AMT10, DMPV08]. **Laplace** [ACN19, ASS25, BS94, Bar14, BWV15, BSS17, CK03, Che13, DYZC22, ED95, GMKJ+24, GKD24, HR25, Nak98, OK13, Pet01, WLZ18, Wei99, YCZ13, ZV22]. **Laplacian** [AN17, AG18, ADS21, AO17, BLV17, BGL+21, BI00, BEA+25, CQZ17, CS16, DS20, GGM01, GN22b, HKL23, HS24, LLM+25, LB12, MY20, NN17, TWYZ20, WZGO21, XEG06, vGEV07]. **Laplacians** [HWZ21, HL23a, LP24, SXK17, XCLQ20]. **LAPW** [SDNC20]. **Large** [AVBTG17, ACG20, AL07, BCR03, BS05a, BW18, BW21, BST08, Ban08a, BS05b, BOR97, BSSW13, BBKS20, BT03c, BHT09, BPSV15, BDF08, BTY08, BESS19, BS99b, BCL99, BMPS22, BTWG08, BTGH12, CFR05, CDGS05, CGK13, CCQ16, CN10, CP15b, CS17, CJMS23, CG17, CSW10, CFM98, DDMQ18, DS00, DD00, DJT08, DLP05, DGY25, DKZ09, EAS08, EPE05, FW24, FWA+11, FSvdV98a, FB95, FCZ23, FGH+08, GMKJ+24, GGS19, GLSTV16, GSR19, GM25, GN23, Gug16, HN19, HMST11, HMAS17, HPS08, HLS98, Hof04, HL17, HJ19, JR19, JN10, JZ13, JSZ22, KFR21, KS20, KV13, Kus97, Lab05, LM00, LAG14, LT09, LWG10, LZ13b, LXdH16, MGDB19, MBL+25, MWBG12, MS04, MW01, Men22, NNRW09, NvdP00, NLY23, OKF14, PS18, Pen00, RZTB22, RS02, RMD08, RM08a, Ros15, Ruh98, SBR06, SWW08]. **Large** [SWB16, ST17a, Sim07, SC02, SvG08, SVX15, Tor12, TS14, VDD19, WPL+13, WWYX20, WYL+22, WM05, WT01, WS15, WRS17, WXS19, Xia13, Xue18, YPN+01, YGB+05, YMM14, YSK19, ZYSL15, ZCC+16, AMB+94, BHP94, Dax93, DLG97, JS93, ST94, TW93]. **Large-Eddy** [BST08, EAS08]. **Large-Particle** [SC02]. **Large-Scale** [AVBTG17, BCR03, BS05a, Ban08a, BSSW13, BBKS20, BHT09, BTY08, BCL99, BMPS22, BTWG08, BTGH12, CN10, CP15b, CS17, CJMS23, CSW10, DDMQ18, FW24, FWA+11, FB95, FCZ23, GMKJ+24, HMAS17, HPS08, JR19, KFR21, KS20, LT09, LWG10, MWBG12, Men22, NLY23, OKF14, PS18, RS02, RM08a, SBR06, SWW08, SWB16, Sim07, SVX15, VDD19, WWYX20, WYL+22, WM05, WT01, WRS17, Xue18, YPN+01, YGB+05, YMM14, ZYSL15, ZCC+16, BESS19, BHP94, ST94, TW93]. **Largest** [HR16]. **Laser** [CBK18]. **Lasso** [AW21, KASL21, STY24, WYL+22]. **Latency** [GAMV13]. **Latent** [HLG24, ZS99]. **Lattice** [BS08, BYK05, BGGM22, BHN25, CLDS19, CKN06, DSB99, Del14, FKK+14, HHSW11, HHR23, HHLL00, HC25, HYC15, HYC16, JK00, LL03b, LZC+25, Rei18, Rei20, SR16, SBX+08, SSR+22, WS06, Wan07b, ZZY20, Elt96, MDA22]. **Lattices** [SLO13, SSN19]. **Launch** [EHW00]. **Law** [AGH00, CHR02, DMZ21, FMR06, GGK+04a, ISS19, TW17]. **Lawrence** [DG99]. **Laws** [AB02, AD06, BLMR02, BF16, BBSW94, BGGM22, BPR99, BT20a, BBC+21b, Bur23, CGV18, CW13, CW14, CW16c, CGL24, CSX24, CLL13, yCWHJ12, CK94, CKW24, DGLW16, DS16, DBK25, DBSR17, DB07, FK19, FK21, GR05a, GB12, GMS02, HH02, HBL05, HC20b, HL23b, JT98, JSZ13, KL00a, KNP01, KPP07, KPW17, LPR00, LPR02, LLLX16, LD16, LST20, LE24, LN03, LLS24, Mar94, NMAB11, PPR05, PPRS19, QS18, QS08b, SL11, ST17a, SMR01, SJD14, TW12, Tor12, TLE12, TW95, VA24, WDG+18, YHQ12, ZD19, ZQ17, dLRT09,

BH97, Pem93]. **Laws-Flux** [DBK25]. **Lawson** [BCCM24]. **Lax** [JSZ13, Kol99, LD16, MR01, QS03]. **Layer** [AK09, AH09, ADM+15, Bar14, BWV15, BHNPR07, BS06b, CKK20, CM98c, FV06, Far01, GKD24, HKB21, KP09b, LG09, LXYZ23, TT96a, WK18, YWG21, ZV22, aKT18]. **Layered** [CCC18, DG99, GL22a, HIT19, LLS19, LXYZ23, WZC19]. **Layered-Medium** [LXYZ23]. **Layers** [BK18, Dur16, Gar94, HMRR19, HPAS24, LM12, LS12b, LBYT24, Luo19, MT19b, RH06, TX24, TW96]. **LDLT** [BG24b]. **Leading** [Che05, LLW19]. **Leaf** [KTB14]. **Lean** [LB12]. **Leapfrog** [Tie18]. **Learned** [HLP21]. **Learning** [ACD23, ASR+23, ALM22, AT23, BGM09, BCP15, CHWY23, CGL24, CMZ+24, DGM25, De 12b, De 24, DHL+23, DTR21, DMG+24, EPSS22, FNR25, GHK14, GKP24, GRPK19, GDB+22, HLG24, HRP20, HHZ22, HBG25, HKLW19, HKLW21, HLX23, HCH+24, JML22, JSC24, KPR25, LL22, LCG21, LBYT24, LE24, LR25, LCXZ25, LGYZ24, LC23, NZGK21, NHZ25, PWM22, PFRS24, QCJX21, SM19, SYY24, SXY24, TP21, TPQD22, TWJ+23, UWWP23, WZB+23, WRB+15, WWL+25a, WMP24, XKKN22, YDK22, YY25, ZGK20, ZWK+25, ZL25, dBMZ11]. **Learning-Augmented** [ZL25]. **Least** [AMMR10, AMM+10, AMM+11, ABM+13, AV14, AS22, ALMR17, ABO24, AD15, AMT10, BLH02, BGM13, BT03c, BDKR21, BATI25, BKM24, BS99b, BW96, BKMM10, BLM03, BMMT14, CLMM00a, CLMM00b, CCL24a, CPV95, Car10, CHP20, COS21, CAS11, CC19, CP17, DDF+21b, DMMO04, DMMO05, DG98, DP20, DL23, DMM20, DSS20, EHS+07, FMM98, FGHO97, FS11, FNB06, GW17, GI17, GKK15, GNYZ18, HN22, HLMM06, HLM+09, HP21, Hok17, HM20b, HY10, HY14, HJLZ18, JR19, KR18, KMS15, LSH17, LMMR00, LFB13, Lee14, LM15, LMM17, LRS02, LD11, MWY17, NP14, NP17, PE00, PP97, PBtTB+15, QOQOP99, RDB16, RWB25, RtTBAI21, ST16b, ST17b, Sco17, ST19, SX16b, SMYS21, Sta00, Sta24a, Str93, SV25, TZ14, TLH21, TBO10, WWYX20, Wat98, WPT17, WEB25, XS16, You94, YYWY18, ZCC+16, ZWZ+13, ZNX14, ten95, BR95, Dax93]. **least** [NP96]. **Least-Degree** [NP17]. **Least-Squares** [AMM+11, AV14, ALMR17, AD15, AMT10, BGM13, BDKR21, BATI25, BKM24, BKMM10, BLM03, CCL24a, CPV95, COS21, CC19, CP17, DMMO04, DMMO05, DG98, FS11, GNYZ18, HN22, HLMM06, HLM+09, HY10, HY14, JR19, KMS15, LMMR00, Lee14, PBtTB+15, RtTBAI21, ST17b, Sco17, ST19, Sta00, TZ14, WPT17, XS16, ZNX14]. **Least-Squares-Based** [MWY17]. **Lebesgue** [JRGPR25, LCE22]. **Legendre** [BK00a, BMF12, Bog14, EJJ08, HT13a, HT14a, HT14b, IBM01, JM18, Mor24, She94, Swa02]. **Leibler** [PSSW15, SKO21]. **Leja** [CKOR16, FLU+20, NJ14]. **Lemma** [CV94]. **Length** [CS23, MH16]. **Lens** [LW20b]. **Leslie** [CGGGS15]. **Level** [ARS21, AJR23, AJNT25, AGHJ23, BC10, BP13a, BH11, BSX22, Bre00, CDG03, CGG07, CGL01, CDM+13, Cho09, CJ05b, DS00, DKPS17, DV20, EPV94, Fai03, FHFR13, FM07, HKR16, HL20, HRR23, HS25, HHvR03, KKV13, KKP14, KL15, KS13, KKK18, Lan98, LCG21, LQH21, LYLC17, MB17, MO00, MO10, MvdM21, NKM10, ORS25, Par24b, QL06, RS00, SF99, TKW08, TWJ+23, TS24, Tu07, VCS24, VZA+23, Vog16, WHL18, WWM03, Wen10, WZ19, YFCH24, ZC23, ZCE06, Cai93, LWSP22, NCV06]. **Level-Set** [AGHJ23, CDM+13, LCG21, LQH21, RS00]. **Levels** [ABB+16, RNR16]. **Levenberg** [ABO24]. **Leveraging** [CMZ+24, KPS+25]. **Levinson** [Str00a]. **Levy** [SB13, BLM22, CD15b, GDLS14, IT09a,

LZ16, LFBO08, ZK14c]. **LFA** [YT24]. **LFA-Tuned** [YT24]. **Liapunov** [CCJ07]. **libMesh** [BS16a]. **Libraries** [DARG13]. **Library** [BMaK19, BS16a, BKH+22, CGC21, KVV23a, LXES19, MXYB16, NAC+15, PMCA15, RTR+16, ZS14]. **Lid** [TVV11]. **Lid-Driven** [TVV11]. **Lie** [MW08a, Mis01]. **Lifshitz** [BBP13, AB16a, CS23, GM20, JJCX24]. **Lifshitz-Petrich** [JJCX24]. **Lifting** [SV03]. **Light** [GPZ17]. **Lighthill** [BCV13]. **Lighthouse** [JMNS16]. **Lightning** [BT22, XWT24]. **Lightweight** [DKKP14]. **Like** [BGOD08, CL21, DMML05, GT24, JL20, KO99, KP11, KLZ22, WG00, WM11, ABCR93, BN13]. **Likelihood** [ACW12, HXW22, TV98a, Zim13]. **Likelihood-Free** [HXW22]. **Likelihoods** [Geo25, WTS94]. **Limit** [ACO98, BS18a, BCK16, BPR13, CDN16, CHL16a, CHL16b, DJT08, DLV17, DPS18, GKD05, JLY08, KSB11, Kla99, LS12a, LM08, LS23, MDKN23, ZD09]. **Limit-Cycle** [KSB11]. **Limitations** [RLG98]. **Limited** [BL03a, BKS16a, BGR16, BLNZ95, EFFM25, GG09, KSHMC23, KLS08, LM99, LWZ13, MIS03, SSDN12, Sta07, SM07, YY25]. **Limited-Memory** [BGR16]. **Limited-Precision** [EFFM25]. **Limiter** [AS06, GK19, JX13]. **Limiter-Free** [AS06]. **Limiters** [MB13, QS05a, QS05b, Ser06, Zen16, vdVXX19]. **Limiting** [GB12, GNPT18]. **Limits** [GV16, XS08]. **Line** [BD99a, HV96, LZK17, OS15, PR22, SV08b, SV21, YY18, ZHDZ17, HHRV93]. **Line-Relaxation** [HV96]. **Line-Surface** [SV08b]. **Linear** [ARMNW10, AWM+25, AB08a, APSG14, AS18, AW20, ABST13, AHT12, AD25b, AF11, ABE+17, ABCP08, ACD95, AD15, AKM+13, ACW21, AHK24, BGLY05, BW18, BW21, BS95, BDJ05, BG25, BCCI98, BH20, BvG15, BDdSM11, BL04b, BM95a, BT98, BF23, BBKT15, BM01b, BHK14, BKR25, Bli24, BCCK16, BLZ25, BW96, BDV24, Bre99, BC99, BCMM03, BMMT14, BC08, BC09b, BK11, BMPS22, BS23b, BPR25, Bur23, BEPW98, CS99, CLMM00a, CLMM00b, CPW15, CCL24a, CGL+13, CB98, CGG07, CJH11, CdSG21, CH17, CH18, CNP12, CS96, CN99, Che98, CJGX15, CYZ17, CLB21, CG10, CLN12, CF05, CHM02, CS10c, CJS23, CPD17, CFM98, DDF21a, D'A00, DLY14, DDDS25, DB98, DH01, DHN17, DMMO04, DH21, Ded10, Del14, DKXS18, DMRR19, DS14, DHZ+21, ES18a, Ema10, EOZ94, EMNS20, EGKS94, EPSU09]. **Linear** [Ett16, FGMP13, FGMP14a, FGMP14b, Fan22, FH06, FWA+11, FT03, FMR06, FG98, GG13, GHMY18, GvdV17, Gee19, GMvdV19, GNL14, GG03, GZYW18, GB98, GG05, GPA18, GGB22, GOS03, GT19, GN23, GLMS22, GW00, HR05, HN19, HS06a, Hag00, HCRT13, HN06, HAS20, HZ10, HPZ19, HM20a, HP21, HG12, Hof04, HRS12, HDF+19, HSCTP04, JFG10, JN25, JZ13, JSZ22, JP08, Jou94, Kas95, KLR98, KZ00, KP21, KM18, KW00, KR06, KK25, Kra08, KSV16, KMR19, KMRW97, LM00, LV98, LFH19, Lee13b, LR20a, LM08, LM17, LM24, LLZ08, LLZ09, LSN17, LZ21b, Li24, LQ24, LW12b, LZK17, LXdH16, LB12, LKBJ18, LCJ96, LN04, LWS25, LvL21, MPS18, MKSG10, Mar09, MB02, MRB23, MKB22, MYN20, Meu11, MW13, MN11, MZ19, MGW00, Nat98, NP08, NMFP16, Ökt05, OSWP25, OD12]. **Linear** [PNW16, PDH09, PdSM+06, PSB+06, PL21, PSA99, PBJ+96, PMSB12, PN19, QOQOP99, Rah96, Ree24, RG07, Roe98, RX18, RTR+16, RKW20, SZ99, SS99, ST08, SBP04, ST16b, ST17b, Sco17, ST19, SX16b, Sma04, Smi97, SvG08, SKPD22, SSC+15, SCW+17, Sta94, SO10, SMM24, Str93, Sun95, SSB08, SV25, SW10b, TCZC19, TT07, Ton94, TMA23, UDH23, VBT99, VM13, VK13, VFHG25, WLX+13, WM05, Wil09, WC17, WG19, WCG23, XS17,

YCHS25, Yan94, ZHBS25, ZGA10, ZTBK18, Zha97, ZV05, ZS14, ZYSL15, ZSB16, ZHY21, ZWL+25, ZP20, ZT25, ZCQQ21, ZSPL21, ZGG17, ZFHS15, ZTM+16, Zim14, ZLJ96, Zin00, dSL05, AM95, Atk94, CV93, CW97, Fre93, JS93, Kor93, LV94, LJ93, Lie93, Pol16, Rán93, WTS94, YZ05].
Linear-Complexity [LM24].
Linear-Gradient [LWS25].
Linear-Quadratic [Ded10, HN06, PMSB12, CV93].
Linearization [HRvdZ22, HAN19, KT15, Slo02, WWL25b, vdZvBdB10a, vdZvBdB10b]. **Linearized** [BTGMS13, BT16, DC24, HG02, HNS08, HBS00, KLN20, Mu97, OB08, WY12, WY13].
Linearizing [AM22]. **Linearly** [ADGP25, BBM+15, EL20, GNS22, GKL08, GMY24, LST07, SL24, ZLZ22]. **Lines** [CCC17, HRT13, KMT98, WYT18, WSGT24, WH13, Xu23]. **Linesearch** [BS03, Toi96]. **Linkage** [CCS+19]. **Linked** [CDY07b]. **Lions** [HJN17]. **Liouville** [AF15, Bou01, LV10, YJXZ22, ZAK15].
Lippmann [ABIGG16, LY18, ZNZ16].
Lipschitz [HC21]. **Liquid** [AAB+15a, AEMM16, BLGL11, CYZ17, MMRN15, MML+24, RG13, VPP05, ZWWZ21, ZYLW16]. **Lloyd** [ZNT+24].
LMF [Ber00a]. **LMF-Based** [Ber00a].
Load [BB17, Bas98, ÇKAA22, GPTV15, Ten98].
Load-Rebalanced [BB17]. **Loads** [ACO98].
Lobatto [GK11a, PZPR07]. **LOBPCG** [DSYG18]. **Local** [AMM+11, ABH03, ABHS22, ABK+24, AM17, BYL13, Bla97, BVV08, BHM19, BHM+21, BEOR17, BS18b, BG04, CCF14, CL11, CJGX15, CML+18a, CML+18b, DTY20, DG09, Doh07, EL20, EN16, EPV94, FS22, FLDT25, FRS19, FMB13, GTLSCDGR24, GGKM07, GMM15, GX16b, HRP20, HRD21, HW21, HLE+25, JP16, JK11, JED10, Joe95, JK21, KKK16, Kan03b, KRGO19, LZ02, LJ95, LQZ22, LWSP22, MRS18, Mar94, Mau95, NXDS11, PDC99, QL06, QXYZ24, Ree24, RWB25, Sch10, SStM23, SP16, TX17, TVV11, TBH23, TT20, TEE+17, VA24, WW25, WI12a, XS08, XS24b, YCZ13, Yu01, YSZ14, FCR93, Joe93, TV93]. **Locality** [ABKS16, AKA13b]. **Localization** [EMM+99, GM14b, SBR06, TP18, VP11].
Localized [AP19, CF00, DLY17, DFQ14, FHP24, HM14, KR23, OS15, PBWB14, RAB+14, ST23, WLE+00, WMKK25].
Locally [ARM+19, AHPG24, AHR12, AMP00, DLM16, EÜ09, HHMDC18, Kny01, KALO07, LZ17a, LLW16, LB24, MS13, QZZ19, Sha99, Str95, SL09b, Tor05, VK15, VYX16, Wan01, Zha18b, Zha22a, Zim14, Ain96]. **Locate** [LP24]. **Locating** [FD03, KV96, KMV99].
Location [ABD+17, GS12, HKLW19].
Locking [Mee01]. **Lodgepole** [WP98].
Loève [CML+18a, SA97, SAY03]. **Loewner** [AGI16, GPA18, IA14, PGW17]. **Log** [CSZZ20, KASL21, UEE12, WR13, CSB+18].
Log-Composite [KASL21]. **Log-Normal** [WR13]. **Log-PCA** [CSB+18].
Log-Transformed [UEE12]. **Logarithm** [AMH12, AMHR13]. **Logarithmic** [AS05, AS06, CP03a, KKT13].
Logarithmic-Kernel [CP03a]. **Logically** [CH09a]. **Logistic** [TTY16]. **Lognormal** [RNV17]. **Long** [CKS25, DD23, FTY15, GASSS98, Gob08, GKRB16, HS97, Jah04, LLL08, LT21, SDC24, XKWY08].
Long-Range [CKS25, LT21]. **Long-Term** [DD23, HS97]. **Long-Time** [Gob08, GKRB16]. **Long-Time-Step** [GASSS98, Jah04]. **Longest** [HO15].
Longtime [HWZ19]. **Look** [Cho09, FGN93].
look-ahead [FGN93]. **Lookup** [CWG10, GBS19]. **Loop** [AHN+20]. **Loops** [AL99b]. **Loosely** [BKFG19, GSW+25].
Loss [HHP21, KPR25]. **Lossless** [AKW17, WH13]. **Low** [AV25, AAB+15b, ABLM17, ABLM19,

BKMR25, BK16, BEKK24, BMF19, BKS16a, BT03c, BKR25, Bja19, BKS16b, BDS20, BSS21, CCY23, CA16, CD19, CS25a, CKL24, CKS25, CW18, CL23, CLLY20, CGMR05, CL08, CC18, DGLL21, DM13b, DHHR09, DKXS18, DLV17, Doh21, DS17, DBA19, EPSS22, EL18, Ein19, EL19, EHY21, ERSZ17, Elm99, ES19, FMW25, FWA$^+$11, FM16, Fu21, GU17, GSM24, GNL14, GN19, dMGF17, GCD18, GQ24, HM19b, HP19, HGZ17, JWC21, JP24, Ket08, Kir14, KP22, KSU14, KSV16, KMR19, Kri25, KPU21, KEC23, LE17, LS13b, LJ17, LLWxY20, LSG24, LT21, LLJ22, MKB22, NQE25, NBA$^+$14, NRO22, OBP$^+$24, PN25, Paz20, PKD23, PW15, Peh20b, Pel18, Pen00, PCD17, RO15a, RO18, RBS25, RZTB22, RAT18, SZ00, SSC$^+$15, SB15, SH20, SV21]. **Low** [TYUC19, UWWP23, VD10, WS05, WLL$^+$15, War13, Xia24, ZZL22, ZS25, ZHS10]. **Low-Complexity** [Kir14]. **Low-Dimensional** [CL08, EPSS22, Peh20b, UWWP23]. **Low-Frequency** [ERSZ17]. **Low-Mach** [CLLY20]. **Low-Memory** [CS25a, JWC21, SH20]. **Low-Order** [BMF19, CW18, Doh21, KP22, Paz20, PKD23, ZHS10]. **Low-Oscillating** [AV25]. **Low-Profile** [DHHR09]. **Low-Rank** [AAB$^+$15b, ABLM17, ABLM19, BKMR25, BK16, BEKK24, BKS16a, BKR25, Bja19, BDS20, BSS21, CCY23, CA16, CD19, CKL24, CKS25, CL23, DM13b, DS17, DBA19, EL18, Ein19, EL19, EHY21, ES19, FWA$^+$11, FM16, GU17, GNL14, GN19, dMGF17, HM19b, HGZ17, KSU14, KMR19, Kri25, KEC23, LE17, LS13b, LLWxY20, LSG24, LT21, LLJ22, MKB22, NQE25, NRO22, PN25, PW15, Pen00, PCD17, RO15a, RO18, RBS25, RZTB22, SZ00, SB15, SV21, TYUC19, Xia24, ZZL22, ZS25, KSV16, SSC$^+$15]. **Low-Regularity** [FMW25]. **Low-Storage** [CC18, Ket08, War13]. **Lower** [BGS17, Bre00, CXY10, HP21, Hok20, LQX14, Pen25, SDH21]. **Lowest** [Ain07, BBKT15, DK98, LTW18, MMA98, DHM$^+$23]. **Lowest-Order** [BBKT15, DK98, LTW18, MMA98, DHM$^+$23]. **LQR** [BBKS20]. **LSMR** [CP15b, FS11]. **LSNN** [CCL24a]. **LSRN** [MSM14]. **LSTRS** [LRSV11]. **LU** [CP15a, CKLN98, GDL07, GBDD10, GCD18, KN21, PT08, WZSL12]. **Lubrication** [GB06a]. **Lumped** [BCF13, GMvdV18, GMvdV19, KLJ10]. **Lumping** [Sch13]. **Lyapunov** [EL01, EMSW12, Kue12, LW16, PS18, Pen00, Sim07, YWL17]. **Lyapunov-Type** [EL01].

M [AFF$^+$15, BOF16, EZ11]. **M-Matrix** [EZ11]. **M/EEG** [AFF$^+$15]. **MAC** [HLW13]. **Macaulay** [VD23]. **Mach** [AV25, BQRX22, CLLY20, DLV17, JP24, NBA$^+$14, OBP$^+$24, Pel18, TIP23]. **Machine** [ASR$^+$23, BP97b, BGM09, CMZ$^+$24, De 24, Geo25, GRPK19, HKLW19, HKLW21, HCH$^+$24, PFRS24, WMP24, ZWK$^+$25, ZL25, ST94]. **Machine-Precision** [Geo25]. **Machines** [BDS98, BZ12, BFJ00, GAMV13, TW93]. **Macro** [JS10, LLS13, LM08, LM12, MBKR22, PV08, VS23]. **Macro-Elements** [PV08]. **Macro-scale** [MBKR22]. **Macroscopic** [BK18, Cha07, Xu23]. **Made** [GG09]. **MADNESS** [HBB$^+$16]. **Magma** [RWKW14, RWWK15]. **Magma/Mantle** [RWKW14, RWWK15]. **Magnetic** [CPH14, CCL$^+$20, DEM$^+$20, OBP$^+$24, OZ25, ST03]. **Magnetohydrodynamic** [CLTX15, GYM25, HRT13, NH14, Ros06b, Tor05]. **Magnetohydrodynamics** [AMMR10, AMM$^+$10, ABM$^+$13, ABC$^+$16, ABC$^+$21, ALJ99, BT06, CCJ21, CRS21, CFJT18, DW97a, DW98, Gur04, LFM22, NvdP00, WG20, WS18, ZMC94]. **Magnetostatic** [Lab05, PSA99]. **Magnetostatics** [BBMR03, GLL$^+$15]. **Magnitude** [CLNZ16]. **Magnus** [KM19].

Mahalanobis [SS23]. **Makes** [Ske09, WJW21]. **Making** [JZ13, Xia24]. **MALA** [FLDT25, TMM20]. **MALA-within-Gibbs** [TMM20, FLDT25]. **Malliavin** [CPG20, WR13, ZRK15]. **Management** [LMKG16, PWG16, YCN21]. **Mancino** [CPG20]. **Manifold** [BBSW16, CLXY25, MRSS14, RPM23, SCW23, Sma01, TP21]. **Manifold-Valued** [BBSW16, SCW23]. **Manifolds** [BCF01, BGH23, CQ24, CEOR18, DH16, DG20, LL17, LLD99, LSU11, LYLC17, NRO22, PFRS24, QZZ14, QWW25, RO18, SWN20, SW22a, SW22b, SL24, WS95, ZZ04, Zim20, ZB24, vVKA11, RST93]. **Manipulation** [BQW23, MBM+16]. **Mantle** [RWKW14, RWWK15]. **Manufacturable** [SSW12]. **Many** [AL99b, BKK18, CL18a, DGK23, GH15b, GKN18, KMV05, LXZ20, OT09, RTR+16, SM07, XCS16, XZL+25, ZCHO24, vdDA12, RKvdDA14]. **Many-Body** [CL18a, LXZ20, XCS16]. **Many-Core** [GKN18, RTR+16, XZL+25]. **Many-Electron** [ZCHO24]. **Many-Particle** [BKK18, GH15b]. **Manycore** [FKMR19]. **Map** [CV16, CRV14, vdZvBdB10a, BG10, CPP+17]. **Mapped** [CW16a, GSW17, HHSY22, LO14, Lem16]. **Mapped-Grid** [Lem16]. **Mapping** [Ama98, BT03b, Ban08b, DP98, DS97, DV98, GH14, HW94, HL95, MYN20, Nas09, NAS13, Por01, WK18, YCN21, ZF14, Zha18a, de 99, CDH97, PS93]. **Mappings** [AAB+16, And08, DLTZ06, HQR19, HR25, Vas10]. **MapReduce** [CGHT14, KPP+14]. **MapReduce-enabled** [CGHT14]. **Maps** [CGGP19, EL01, EL03, GGKM07, HT09, NXDS11, NS21, SO15, Tad25, VO19, dSGS22]. **Maps-Based** [dSGS22]. **Marching** [ABMR11, BZ15, Cho01, CDGT01, DBC13, KM97, PC21, Yan19, TN16]. **Marine** [SBMR18]. **Marker** [MCT+05, NKM10]. **Marking** [GKP24]. **Markov** [BLM22, BBB+11, BKS16b, CKBT16, CE17, Day98, DS00, DMM+08, DMM+10b, DMSW10, DMM+10a, EHL06, FVV21, GaP08, JKM24, KTSB19, Kus97, SBM07, TY11, VS23, WZGO21]. **Markov-Modulated** [BLM22]. **Markovian** [BD05, Peh20b]. **Marquardt** [ABO24]. **Martensitic** [NWW97]. **Martingale** [CFZ25]. **MartNet** [CFZ25]. **Masking** [GTK+17]. **Mass** [AJ21, AJ22a, AH06, BHL24, CL97, CD20, FNL+19, FL19, GMvdV18, GMvdV19, GMYL23, HRT10, HLMM06, HLM+09, HCX22, KLY05, KLY07, KWD22, LR12, LP03, MRI21, MR17, RCLO18, Sch13, SBHS19, ZHY24, ZS23]. **Mass-** [BHL24, GMYL23, MR17]. **Mass-Conservative** [FL19, MRI21]. **Mass-Conserved** [ZHY24]. **Mass-Conserving** [CL97, HLMM06]. **Mass-Lumped** [GMvdV18, GMvdV19]. **Massive** [BSV19, KPS+25, KPP+14, MDC08, PVK16]. **Massively** [BRK16, CFM98, DGR+17, FNL+19, GCB15, GAMV13, HW94, HGRW16, JHJ12, KMER22, KR22, Pip13, SR16, ZSD+10, MH95]. **Master** [DHJW08, Jah10]. **Matched** [AH09, BHNPR07, CM98c, Dur16, HMRR19, HPAS24, LXYZ23, Luo19]. **Matching** [Ami94, ABL+20b, DHPAH19, GLT18, HW01, KH00, KPP+16, LLS19, San10, SSJB17, WPGR13]. **Matchings** [HS06a]. **Material** [ADK+18, BW01, HHLZ21, SPS18, Sha21a]. **Material-Energy** [BW01]. **Materials** [AHT17, AFMP15, EIL+09, SP03, SBX+08, TIP23, WRB+15, YHFG22, ZCW10, TCCK18]. **Matérn** [AS23, CWA14, JKL22]. **Mathematical** [ACCP13, BHN10, GLL01, GR04, GKT09, KK13]. **Mathematics** [Mar01, WKM+07]. **MATLAB** [BK07, BT04, GCM25, GKD05, MRK20,

SR97, Wal18]. **Matlab/C** [Wal18]. **Matrices** [AKA13a, ARS21, AJ22b, AJR23, AJNT25, AT15, APÇ04, BDD+97, BN05, BGL06a, BK16, BOR97, Ben01, BHT00, BDvdG05, BC13, BL99, Bör07, Bör09, BTK19, But13, BHK20, CHCX23, CCL25, ÇAK11, Che13, CGMR05, CV98, DLP05, DHHR09, DPV05, Di 97, DHM22, DW05a, EK10, FH21, FS08, FKN+20, GWMG03, GMvdV19, GSR19, Gug16, HMAS17, Han95, HJS99, HK00, HWS05, HLTT97, Ips01, JN10, JP11, KGA23, KKT13, KKLS05, KLST06, KS07, KS23, KOV15, KMSM14, LLHF13, Lee13a, LM24, LSC03, LS13b, LNC05, LYL+11, MO08, Mar16, MV16, MMR19, MRK20, Meu01, Mön08, NP10, NL99, Nik00, Not00b, OX22, PKNS14, PN25, PCD17, QS08a, RT99, Ros15, Saa96, SCTP04, SO18, SSH06, UA04, UA07, VD10, VL10, VK15, VFHG25, Vir07, Wan97, WS15, Xia13, Xia21]. **Matrices** [XC13, ZGA10, ZXH+24, AMB+94, BW93, CS97, Di 95, FS96, FF94, FGN93, Gut93, Jin95, Lan93, May08, Nag93, NCV06, Tre93, Tre97, BM12]. **Matrix** [AJ21, AJ22a, AKA13b, AA14, AMH11, AMH12, AMHR13, AMHR15, AM18, ARM+19, ABBT+20, ADL+12, ABLM19, ACW12, AKM+14a, AD15, AVW13, ABB+16, BKMR25, BBP21, BCT07, BSH16, BDM+18, BGM13, BSS09, BMWK25, BDKR21, BF95, BFK03, BLM22, BKR25, Bja19, BC13, BBK+25, BESS19, BCK22, BGH13, Bot23, BTK19, Bru15, BHM25, BG12, BSS21, CCY23, CKOR16, CA16, CD19, CS25a, tVÇAU10, Che16, CTU25, CIZ16, CL08, CGI11, DM16, DKGS15, DN97, DKK+19, DHP17, DGB15b, DGK98, DKW19, DWW23, DCP11, EZ11, Elb06, ET24, EBSS+11, FHH+18, FMYT16, FHL+23, FK00a, FSvdV98b, FS08, FKRH22, GH15a, GSO17, Gar97, GKM+17, GH23, GCG+19, GG21, GJMM24, GT94, GG94, GWBW22, GHS+15, GKN18, GCD18, GL10, GG95, Hag02, HW94, HR14, HR16, HK17, HPZ19, HC21]. **Matrix** [Hös94, ILW17, IL16, JLWZ24, KXH21, KR17, KT15, KAU18, KL94, KP11, KS20, Kna98, KR00, KR22, KRDL18, KMR19, KHW+14, KV13, LS20, LV98, LPS10, LLWxY20, LSY21, LXdH16, LXG+21, LLJ22, MV00, MKSG10, MM25, MB99, Mat95, MDM15, MAK20, MZWG16, NH18, Nau24, Ng00, NRSD18, NRO22, NTZ+25, OKLS15, OD12, Paz20, PKV24, PSS17, PV94, PV95, QQSvdG01, RO18, RX18, RN14, Ruh98, RCLO18, SIDR15, SO24, SvdGP16, SV23a, SZ00, Sim07, SLO13, SQO02, SSR+22, TS11, TW13a, TYUC19, TPT+16, UA04, Van20, VSS14, VD23, WSZ14, WLL+15, WH09, WP20, XC20, XAKS23, YPHH17, YT24, YB09, Zha96, ZJX14, Zim20, vVKA11, vdEH05, BR95, Jam96, Nat97, OA93, YL93]. **Matrix-Dependent** [Kna98]. **Matrix-Free** [ARM+19, BDM+18, BGM13, BMWK25, BDKR21, BBK+25, CTU25, DWW23, FK00a, GCG+19, JLWZ24, KR22, KRDL18, LXdH16, MAK20, Nau24, Paz20, PKV24, YT24, vVKA11, ACW12, Bru15]. **Matrix-Matrix** [AA14, BG12, GHS+15]. **Matrix-Valued** [GG21, DGB15b]. **Matrix-Vector** [AKA13b, KHW+14, KV13, LXG+21, MDM15, UA04, WH09]. **Max** [GG94, GG95, HSTH18]. **Max-Min** [GG94, GG95]. **Max-Plus** [HSTH18]. **Maximal** [TCDS21]. **Maximization** [ZLWZ18]. **Maximum** [ACW12, AW11, BI09, DGS08, FH06, FK19, GY09, IMS96, JX13, LI01, LLLX16, LYZ20, LLJF21, lLTZ21, LY14, RGG15, SY18, TV98a, WBTG18, XQX15, YCY19, YWL21, ZLS12, Zim13]. **Maximum-Principle-Preserving** [XQX15]. **Maximum-Principle-Satisfying** [LLLX16, LY14, ZLS12]. **Maxwell** [APZ13, AHZ17, ACHZ21, AA02, BBB14, BGH+03, BHST08, BV09, CGG+14, CFGLT22, CWZ07, CHMR10, DGGG09,

DF99, DTYY18, DMZ21, EKSW15, EDGL12, ERSZ17, GMS18, HP20, Hen06, HH11, HTB+05, HY14, HHLW15, HHL15, JL05b, JZ00, LHL11, LX16b, LLLL24, MCL19, McG95, MP94, MS12, MSV00, NHSS13, OH21, PS10a, PL12, PKS21, PSC18, RMR15, RT01, RL10, RW01, RGG06, SSW18, ZCW10, ZZ18]. **Maxwellian** [Gos12b]. **May** [KHU96, RMB00, TW95]. **MCMC** [Bar12a, BH20, FL18, MWBG12, PMSG14]. **MCMC-Based** [Bar12a]. **McMillan** [Hok20]. **MCMS** [JJCX24]. **MCMS-RBM** [JJCX24]. **MD** [ZLBC03]. **MD-DCT-II** [ZLBC03]. **MD-DCT-IV** [ZLBC03]. **MD-DCT-IV/MD-DST-IV** [ZLBC03]. **MD-DST-IV** [ZLBC03]. **MD-DWT** [ZLBC03]. **Mean** [And17, Bru18, CS94, Don06, Dua24, GDLS14, Hof05, KS17, KS15b, Kov24, KKK18, LL22, LTT16, MT97b, RSZ24, Ren15, RW06, Sta24a, Tim19, VP14, ZYLW23]. **Mean-Field** [KS17, LL22, LTT16, RSZ24, ZYLW23]. **Mean-Square** [MT97b, RW06]. **Means** [AAB+15b, ABCP08, XCLQ20, ZWG21]. **Measure** [BGMW17, SG04]. **Measure-Theoretic** [BGMW17]. **Measurement** [CAB04]. **Measurements** [GP16, HTH+16, KBV09, MS03, PDTVM08, RKvdDA14, vdDA12]. **Measures** [AOS20, BJW18a, Cao07, KTSB19, LCN14, PSSW15, RGOY10, SW22b, WK06]. **Measuring** [Hua05, Kaw15]. **Mechanical** [AL99b, BPT19, CSS10, HW09, RN14]. **Mechanics** [BTB05, BDPR22, ES17, ES00, GRPG01, Lee13a]. **Mechanism** [LL02]. **Mechanisms** [HS16]. **Media** [AE08, ABBM98a, ABBM98b, AB17, AKP25, AM19, AD18b, AFRV19, AGPR19, BLPP24, BL23b, BGS09, BC09b, BP24, BEM17, BOKCW20, BHR23, BKBT18, CLDS19, CHW17b, CDF18b, CCC18, CYHY24, CDB13, CCH15, CJS25, DL17, DLM16, FHR14, GM17, GYZ11, GJP+14, GL22a, GY17, GW04b, HMRR19, HIT19, HRvdZ22, HY14, HSSZ09, KK02b, Kon21, KWD22, LVWW03, LE10, LOL13, LY98, LLZ15, LZ04, LCK21, MJR05, PS10a, RJLW20, Slo02, TTSM08, WLE+00, WZET13, WZC19, WPT17, YYS16, YFCH24, ZT17, YGCP96]. **Medial** [JED10]. **Median** [CCS97, GL22c, GE25, Str93]. **Medical** [HDB08, ZHBS25]. **Medium** [AHR12, BYZ19, BLYZ24, CZ22, CK07, DBC13, LHL11, LLS19, LXYZ23, LRGO17, SCC17, ZC24, ZC25]. **Meets** [MZWG16, YZL20]. **MEG** [HLE+25, HCHS13]. **Megacity** [XZL+25]. **Megacity-Scale** [XZL+25]. **Melnikov** [XYZ05]. **Melted** [AHT17]. **Membrane** [AB21, CS18b, DZ08, RR98]. **Membranes** [CM25b, MML+24]. **Memory** [AKK14, AAB+16, ABL+20b, BBSV10, BDD+97, BT03c, BtVÇG+10, BFJ00, BGR16, BLNZ95, CS25a, ÇKAA22, DJ07, GKK10, GKN18, HKR02, HWD02, JWC21, KRDL18, LM99, LWZ13, LFLS08, MGDB19, McL12, OAA20, PF94, PR96, Sta07, SM07, Sun96, SH20, Til15, TD99, TTMA22, VMV15, XXdH+17, ZV05, NP93a, Gon15]. **Memory-Aware** [AAB+16]. **Memory-Efficient** [GKN18, KRDL18]. **Merge** [Oli01]. **Merging** [GL22b, GHS+15, GKN18, Ros97]. **Merit** [ZSPL21]. **MESFET** [BI09]. **Mesh** [AHK+17, AFMP15, AKM+13, ADM+15, BB17, BLH02, BBH+25, BBSW94, BGGM22, BL24, Ber98b, BVW03, BHR96, BW09, BWG11, BH17, CCPS20, CHR99, CHR02, CPB13, CDK19, Che94, CWL+14, CC06, CC09, CC12b, yCWHJ12, CLK18, CRR18, DPF15, DDGS16, DLTZ05, DLTZ06, DMRR19, Dua24, DKS21b, EHLW20, FK00a, FR10, FCC10, FJP99, FSD24, GVP06, GT98, GW20, GHTW00, GMT98, GKP24, HHM08, HKA+21, HO15, HR07, HB97, HR99c, Hua05, HA08, IS17, JTZ08, JP97, Knu01, LMKG16, LPR98, LY20,

LC05a, LC08, LCL18, MMRN15, MN07, MNRI19, MH17, MCB18, MP08, MYZ21, MGH21, MM07, Ols07, OR24, PWF18, PP05, Pol16, RL17, RH06, RWX07, SR18, SKF18, SL09a, SRI+18, SMR01, Tra95, VGOR20, WC00, WH15, WP19, WCHZ14, XOMN10, YHQ12, ZJC12, ZAD+16, ZHQ20, ZWP21]. **Mesh** [ZSD+10, Zie12, de 99, CC11]. **Mesh-Adaptive** [MH17]. **Mesh-Free** [yCWHJ12, DKS21b, SKF18]. **Mesh-Independent** [BVW03]. **Mesh-Preserving** [Dua24]. **Mesh-to-Mesh** [CRR18]. **Meshes** [AJ22a, AKS05, AD18b, AMP00, BMNV20, BMNV21, BB17, BCI25, BGPS21, BBD16, BKS13, BH16, Cai95, CQ22, CH09a, CDG17, CGZ99, CHW17a, CHW20, CFJT18, CKRS07, DKK+19, DFJS19, DGK21, DBSR17, EFHL09, FMS24, FCZE14, FCM12, GW15, GHH07, GK19, Gob08, GHL+23, GS19, HSMT20, HKB21, HH16, HG00, ISG15, JV96, JHJ12, KZP20, KWG+20, KZ16, KKR21, LNSZ06, LJ95, LTW18, MLL13, MB13, MTTV98, MKRK13, MV21, PABG11, QXYZ24, RKLN07, RL18, SB10, SV08a, Sha99, SY08, SYY09, SV03, SC02, Tal15, TAHR15, TPT+16, VBT99, ZS03, ZHQ20, ZMS10, ZP18, ZP20, ZQ18, Ain96]. **Meshfree** [BM17a, BPPR24, BWZ21, COR13, COS06, WJS23]. **Meshing** [BH00a, BL04a, BSV19, HGPM14, VO19]. **Meshless** [FDS13, Lin16, SK19, SL22, SL24, TPB17, ZCT24]. **Mesoscale** [BRK16, RG09, YC14]. **Message** [BS98]. **Meta** [TCCK18]. **Meta-materials** [TCCK18]. **Metabolic** [LNA+11]. **Metadynamics** [BQRS23]. **Metallic** [PS10a, ZMqCS21]. **Metamaterials** [CCC18, HLY13]. **Metastable** [BQRS23, Kue12]. **Method** [AB17, AdS22, AG25b, AM19, ACH+23, AG21, ACY+20, ABMR11, AG17b, AG17a, AG18, AS22, AP23, AD18a, AD19, AHN+20, AFF+15, APSG16, ALMR17, ABN21, AA13, Ama98, ALJ99, AKTW25, AF11, ACCO00, AAO23, And17, AKBM21, ABPW21, ABMP22, AF15, ASS25, AHDK14, AP12, ABCP08, ABO24, AH04, AH06, AW11, AHH12, AHR12, AGHJ23, AP99, ACCP13, BA05, BS08, BN23, BMNV21, BCR03, BBP21, BS05a, BGL06a, BW18, BW21, BMR10, BLMR02, BT03b, BO07, BHV05, BJ01, BS05c, BLS09, BDZ13, BMTZ13, BS18a, BL23a, BTY25, BGOD08, BV03, BG10, BSHL14, BDGK18, BB10, Bar99, BGP24, Bar05, BPPR24, BOF16, BRT07, BBC+21a, BC06, BK08, BG98, BM01a, BEEM18, BSS09, BL04b, BMDO16, BPT+14, BM95a, BMT96, BCT00, BH12, BP13a, BLS14, BPS13a, BM01b]. **Method** [BHK14, BATI25, BV20, Bet08, BK04, BLP14, BK00a, BEA+25, BFN17, Bjø95, BT97, BCSS14, Bla03, Bli24, BI09, BLGL11, BGH+03, BCCK16, BU15, BBD16, BBB+11, BCP15, BPR16, BB08b, BB03, BT20a, BER17, BBMR03, BS96b, BCL99, BIA05, BDV24, BTT13, Bru18, BH23, BG24b, BF24b, BOPGF06, BTGH12, BDS20, BSS21, BWZ21, BCM15b, BCDE21, BG13, BG04, BORTP19, BFSN08, CG18, CC16, CW07, CL10, CLW13, CFY18, CL18a, CL18b, CDK21, CQ22, CWY23, CCL24a, CCJ21, CLGR25, CGL+13, CH09a, CKOR16, CB98, CG99, CHR02, CP04, CGO22, CQ24, CGL01, CS25a, CCC17, CV15, CILW23, CKQ14, CCS97, CCS98, CDH98, CGM99, CP13, COS21, CFGLT22, CL03, CDF18b, CWZ07, CCCZ10, CM15, CHX15, CJY16, CCC18, CKXZ18, CMZ19, CSX24, CCLZ25, CTU25, CZ22, CL18c, CVK13, CPS11, CCA20]. **Method** [CCFG23, Cho01, Cho09, CEP20, Cho05, CILZ15, CIZ18, CHZ21, CDB13, CM25b, CK07, CJK10, CBK18, CDG+09, CS16, CGM00b, CHM02, CP95, CBF17, CMSS06, Cor01, CVE13, CH11, CPD17, CDN16, CDZ22, CKRS07, CFM98, DBC13, DY06, DM13a, DLZZ17, DEN21, DK10, DFG15,

DB98, De 12b, Ded10, DJT08, DLY16, DT95, Den97a, DLM16, DYZC22, DW24, DT00, DFJS19, DGK+16, DMRR19, DFL20, DLNW24, DGN25, Don06, DFW21, DFW22, DG16, DMM19, DHE13, DR13, DZ08, Du11, DW15b, DS16, DL20b, DTYY18, DMZ21, DCP11, DGL+12, DGRZ15, DK03, DLP+21, DF21, EPR10, EKSW15, Egg18, EM24, EAS08, EAOS21, EEO01, EPE05, ELW20, EKSS16, EVLW17, EMNS20, ES17, EP06, EIL+09, FKMR19, FGMP13, FGMP14a, FGMP14b, Fai03, FBvdZ24, FO08, Far24, FW24, Fer98, FDS13, FCZE14, For06, FW97, FÖ21, FHNZ24]. **Method** [FN94, FL08, Fro12, FM07, FJP+11, FKW13, FL19, FK18, FR19, FSD24, GJ17, GHHH17, GSO17, GJLX16, GGLX25, GV07a, GP24, GYZ11, GJP+14, GHMY18, GL22b, GL22a, GHL25, GH13, GKV00, Gar05, GJSZ25, GBS+22, GH02, GBCT10, GN14, GvdV17, GW20, GJ05, GLT18, Gia18, GL24, GKNW18, GM14a, GR02, GN19, GK19, Giu22, Giv12, GMP19, GLQ18, GSR19, GMS21, GY99, GMV99, GY02, GRMS09, GXY15, GC19b, GCN21, GMO14, GOS12a, GLL21, GM19a, GH99, GKT09, GJZ18, GS00, GS02a, GS02b, GOS03, GST23, GO09, GHKS14, GV09, GXZ21, GS21, GN22a, GN22b, Gug16, GDX25, GC97, GX16b, GC16b, GC17b, GY17, GLW18, GQ24, GYM25, GSV20b, GSV21, GN07, HM05, HHM07, HRT10, HG98, HJN17, HQR19, HSK19, HP14, HM98, HN20, HW14a, HR07, Haz08a]. **Method** [Haz08b, HLLM15, HZXC16, HR99a, HRT03, HIT19, HKR16, HLW00, HBL05, HRT13, Hen05a, Hes98, HSZ12, HP94, HC95, HL10, Hoc01, HY08, HXX18, HJJ22, HV95, HR99b, HQH+16, HJQ24, HC25, HB97, HY10, HS99c, HTB+05, HY14, HJX15, HLZ19, HC20a, HHSY22, HJZ23, HS94, HJMS07, HXB13, HLY13, HYC15, HLM16, HC20b, HJX23, HDOS23, HS24, HMM+21, HL23b, IT09a, IK10, In99, IL24, Jac03, Jah10, Jam98, JP16, JMM10, JKM14, JMR17, Jar19, JW08, JJCX24, JPPZ25, JN10, JZX+21, JLYZ23, JED10, JWH08, JLXZ21, JK05, JG02, JL05b, JvGVS13, JP01, JP24, JK00, KLV+16, KM11, KH14, KFR21, KR17, KNN12, Kan03a, KMT98, KV05, KRR23, KP06a, KP11, KO17, KP12b, KS19, Kla99, KW00, KL13a, KLZ22, KLY05, KLY07, KS17, KP10, KR99, Kny01, KM16, KMER22, KS13]. **Method** [Kol99, KC16, KH18, KWG+20, KL13b, KS24, KWD22, KLZ+06, Kra09, KP05, KP06b, KMR19, KO13, KL11, LW12a, LHL12, LP11, LP13, LZG20, Lan10, LSV17, LMRS15, LCG21, Lar99, LSH17, LLP98, LMR98, LL02, Lay03, Lay06, Le 09, LS13a, LZ17a, LG97, LL03a, Lee10a, Lee13a, Lee14, LE17, LPMR19, Leh15, LJ19, LCD14, LQH21, LZ01, LZ02, LLZ08, LLZ09, Li10, LL11, LX14, LLX15, LJ17, LWYxY18, LNZ19a, LNZ19b, LST20, LY20, LXZ20, LZ20, LM21, LSYY21, LLJF21, LE24, Li24, LZZ24, LYY24, LL25a, LXZ23, LN03, LP04, LY98, LZ13b, LR25, LC05a, LC08, LZK17, LJL98, LXK08, LS09, LX16a, LYLC17, LTW18, LGW19, LLS22c, LTG22, LY22, LLS24, LTZZ24, LB25, LZC+25, LZ25, LH00, LD05, LFBO08, LN04, LPP09, LD03, LX16b, LLS19, LW20b, LGR20, LCY+20, LCK21, LX16c, LS00, MR09, MN07, MNRI19]. **Method** [MR04, MRS04, MFY23, MCT+05, MOSS17, MWBG12, MR07, MW03, MS06a, MP20b, MHR20, MR02, MRB23, MYN20, MST15, MBVO13, MG12, MO10, MTM08, Mir21, MZ94, MRKS21, MDA22, MT23, MML+24, MB19, Moo00, MTV16, MS18a, MvdM21, MS20, Mor23, Mu97, MWY17, MZ19, MYZ21, MPS09, MSV00, MCV17, NN12, NN17, NAS13, Nau24, NRMQ13, NT18, NCCR22, NS06, NM13, NHZ25, NW22, NMAB11, NvdP00, NNH99, Not25, NKM10, Nov23, Obe13, OS15, OX17, OQRY18, ORS25, OTV19, OR18, OKGG+23, PRS12, PPS22, PDTVM08,

PR09, PS10a, PKD13, PW12, PHJ11, PBWB14, PZZB15, PL12, PNP13, PTT20a, Pen00, PP08a, PT01, PEdD12, Pla98, Pol16, PvdVvG17, PS10b, Por01, PK23, PD15, PoH09, PBtTB+15, Pup99, PM15, QL06, QXYZ24, QSY24, QWW25, QS05b, QS08b]. **Method** [QSM19, RO18, RRR03, RRR05, RG13, RZ03, Rei13, RMC12, Ren15, RDL24, RBS25, RU01, RNV19, RW01, RZTK+15, RtTBAI21, RV10, Ros06b, RX18, RJLW20, Rüd94, RO12, RO15b, RS00, RSA05, Sai20, SB10, SB98, SS98, Sar98, SA99, Sch98, Sch94, SR16, Sch09, Sch13, SL09a, SY18, SM94, SDC24, SBM07, SG95, Sim07, SS10b, SDNC20, SK25, Smi97, SK05, SC02, SSF16, SCY25, SD21, SMR01, SAB14, Str00b, SL09b, SL22, SL24, SO09, SV01, TZ95, Tad20, TKCC13, TKW08, TLLK09, TY00, TXZZ22, TCZC19, TT06, TP09, TBKF14, TLH21, TMA18, TPB17, UWY+15, VP10, VP14, VN03, VMM13, VV05, Van20, VS23, VBT99, VK15, VYX16, VSBH99, VGOR20, VXCB16, Vog16, VAF+24, WS95, WZ21a, WX99, WLE+00, WLK06, WWY09, WMC11, WWY11, WB12]. **Method** [WY12, WHCX13, WSZ14, WDG+18, WBTG18, WZC19, WMHK19, WWYX20, Wan22, WZC25, War13, WMOZ22, Wei99, WWH17, WPT17, Whi15, WKM+07, WY13, WGF08, WJS23, WS15, WFAP15, WSX17, WS18, WG19, WXS19, WQX20, WCG23, XEG06, Xia24, XA99, Xie05, XKWY08, XXdH+17, XQX15, XCS16, Xu94, Xu04, XW05, XS08, XOMN10, XXZ20, XZLX22, Xue18, YCZ13, YDF97, YGB+05, YHQ12, Yan19, YZL20, YHFG22, Yan14, Yan18, YZ05, YD06, YHL19, YZZ19, YCN21, YXTY24, YHSL24, Yiu95, YSK19, YT24, YYWY18, YK03, ZEG19, ZK14b, ZZK15, ZMK17, ZLG98, ZN05, ZCK12, ZJC12, ZRTK12, ZWH+14, ZF14, ZJX14, ZTRK14, ZYSL15, ZDZ16, Zha18b, ZS18, ZXY21, ZWP21, ZC23, dZHY23, ZC24, ZX24, ZHY24, ZFL25, ZCP06, ZWZ+13, ZP18, ZJB20, ZP20, ZZY20, Zha22b, ZS23, ZLTA15, ZHL21, ZCHO24, ZK96, ZXT+25, ZFHS15, dVM08, iW11, vNLB04, vWBV09, ABS96]. **method** [ABCM97, AM95, ADRS95, BS94, Bøe93, Cai93, CW93, CPS94, DS96, EW96, FCR93, HG96, Hes97, HL97, Lam97, Li94, LCW95, Liu93, PCDB96, She94, She95, SS95, SS93c, ST96, Tan93, TV93, Yav93, ZMC94, CD13, JK21]. **Methodologies** [IHTR12, KB08]. **Methodology** [BC09a, CRS+18, DKW19, TCCK18]. **Methods** [AE08, ABBM98a, ARMNW10, AC08, ACVZ12, AVZ13, AGI10, ABLS05, AMN15, ACP25, AL02, AC05, AMVR17, AV14, ABC+16, ABC+21, AGL10, AKA13b, AGM+24, ALl19, APvDG12, ABF96, AKGK24, ADP20, AW20, AH20, ABC00, AABM13, AM17, AAB+15b, AIL05, AW15, ACN19, AGH13, AM20, AHV18, AKM+14a, AHT17, AKT16, AGPR19, AS05, AA02, AKM14b, AL97, AL99b, AHH06, ALZ14, BS03, BS07, BKGV16, BQQ08, BMV18, BCAG22, BKM19, BR05a, BGLY05, BHN07, BHL24, BN98a, BK16, BOB+19, BS05d, BYZ19, BBGS04, BN00, Bas98, BvG15, BBBG11, BN98b, BLB00, BzCS11, BGK15, BDK+20, BDO12, BBM11, BGGM22, BB15a, BB15b, BHT09, BF23, BS15a, BCC20, BS16b, BSS17, BBS19, BBS22, BM17b, BFK05, BG05a, BG05b, BK24, BCM05, BCM11, BBK+25, BKS16b, BR18, BF14, BZ15, BvW09, BLR14]. **Methods** [BBM+15, BQR18, BBT19, BS99b, BT13, BCCM24, BJP+22, BKMM10, BDK12, BMV05, BGSV15, BMV11, BHM+21, BMMT14, BK20, BSU19, BD05, BRW10, BHR96, BHK+24, BOPGF06, BT16, BMV13, Bur13, Bur14, Bur23, BLL07, Buv21, BS23c, BS25b, CCF14, Cai95, CKS01, CL11, CPW15, CGL+12, CHAMR06, CSS10, CPH14, CDG17, CGQ10, CZK15a, CPV95, Car07, CV07, CKD13, CRS+18, COS06, Cas97, Cas02, CZ10, tVÇAU10, CFSZ08, CEHN08, CV12, CS96, CCSY98, CGZ99,

CN99, CW17, CHW17a, CHW17b, CDC19, CC03, CFKM18, CGM+21, CGSR20, CHW20, CCL+20, Che98, CKY98, CD02, CHMR10, CMK11, CSW25, CLL13, CBN02, CR21, CLK18, CKV99, CS14, CH08b, CK98, CS17, CG19, CJMS23, CBDW15, CHH10, CM99, CFM96, CCG14b, CGP19, CDW14a, CDW14b, CS10c, CMVPP24, CK94, Cor98, CE16, CGF21]. **Methods** [CC18, CSW14, DO11, Dar21, DP98, DMMO04, DMMO05, DG98, DL17, DHJW08, DFDM19, DLTZ05, DLTZ06, DRFNP07, DFN12, DB94, DP10, DPS18, DTM05, DKR12, DGGG09, DS14, DKK21, DKSW19, DMSC18, DGK21, DC24, DF99, DGR+17, Du16, DWQY19, DHZ+21, DCL+21, DBK25, DKS21b, DK98, EKM94, EL20, EDGL12, EBR00, Elm98, Elm00, EF15, ES18a, ES19, EMM+99, Ema10, ELtHR00, EN09, EV13, EMT09, FTNB24, FTY15, FK00a, FGM08, FR15, FR23, FKTW10, FS02, FK00b, FRS19, FMS17, FDH+20, FMR06, FS12, FS13, FM99, FNNB05, FK21, Fu21, GMN02, GK12, GX16a, GZ16, GV19, GV20, GT24, GL25, GASSS98, GGL09, GK11a, Gas13, GSS12, GHK14, GK03, GHH07, GL08, GV12, GSV20a, GNS22, GG19b, GLQ16, GY05, GP18, GZW18, GJM94, GGKM07, GKS98, Gra14, GK05]. **Methods** [Gri94, Gri95, GMM15, GSW13, GM23, GC97, GNZC17, GZT+19, GX20, GJ21, GdSW25, GSM20, GW04b, GM04, GVMM14, GP96, HKR02, HR05, HN19, Hag00, HHM17, HKF+13, HHE10, HW13, Han95, HH02, HN22, HMN+13, HW14b, HRD21, HNS08, HW21, HLP23, HKKR19, HKLW19, HHK19, HL20, HKLW21, HKK+22, HKL23, HJ98, HJ18c, HHR23, HSF07, HT00, HLMM06, HLM+09, HMR09, HL98, HV96, HEGH14, HLP08, HCX22, HJS18, HS01a, HS18, HK95, HJL+19, HCW20, HWZ21, HAS+24, HVW25, HKM97, HW09, HFL11, HGZ17, HJ19, HLL+22, Huc08, HiH18, HLM03, IM97, IM99, IT14, ISS19, JK11, JSPC97, Jay98, JN25, JVG12, JSCB20, JCdS21, JSZ24, JW05, JCL07, JLP18, JLWZ24, JGZ06, JR96, JR98, JP11, JZ00, Kan03b, KH22, KMW15, KL15, KBK+08, KRW20, Ket08, KZK17, KRRB25, Kim05]. **Methods** [KL06, Kim08, KZP20, KR21, KS20, Kla98a, KR06, KR12a, KLR14, KLR15, KLRU17, KVMK01, KMT24, KCB17, KS15b, KW16, KMZ+25, KT08, KLL+23, KSU14, KW18, KW10a, Kul12, KRGO19, Kus97, KGT07, LVWW03, LOSZ07, LSTY21, LCBD07, LP96, LS95, LL97, LMPQ03, Lee10b, Lee13b, LN17, LPP19, LM20, LRV22, LST07, LG09, LHL11, LLLX16, LZ17b, LSC18, LLW19, LYZ20, LSY21, LL23, LRS02, LMT18, LL25b, LB24, LL08, LSZ17, LBHH22, LLQ24, LM25, Log03a, Log03b, LNS15, LR20b, LSPRV21, LWSP22, LCR20, LCR22, Lui00, Lui01, LMMW04, LK98, Luo19, MMRN15, MM13, MV00, Man99, MS17, MMK23, Mar03, MMT15, MS04, MLL13, MC10, McL95, McL07, MRS14, MW01, Mic01, MT97b, MSS12, MS12, MO21, Mou20, MFPG18, MDC98, MZWG16, Mu20, MGH21, NKLW94, NX12, NAC+15, NNRW09, Ng00]. **Methods** [NSJ03, NWY10, NWY11, NFFP18, NWW97, NN05, NLY23, O'L01, OSU10, ORST12, OS14, ØLW08, OSWP25, OS98, OSCE00, PWF18, PS02, PS18, PGSO24, PR01, PE00, Par24a, PCFN16, Pav98, PZPR07, Paz20, PL06, PTSA23, PATF19, PSA99, PS19b, PWGW12, PST15, PC21, Pul08, QX08, QS18, QS05a, RHL+21, RSD+20, RKLN07, RX17, RR98, Ree24, RG07, RW11, RG98, RGG06, RH09, RW06, RS13, Ros96, Ros05b, RS99, RWW14, RM08b, SSM16, SL10, Say15, SG11, SRS12, ST17b, Sei23, Ser06, SCTP04, Sha21b, She99, SY10b, SY12, SWX16, SW16, SBX+08, SW17, SM18, SV00, SS03, ST00, SO15, Son12, SH14, SSW98, Sta07, SM07, Ste01, Ste00, SS93b, Ste02, Str94, SSVW17, SH20, SXY24, SLZ+25, TT96a, TS11, TX17,

TWYZ20, TK13, Tau96]. **Methods** [TMD24, TSK09, Tie18, TVA02, TLT12, Ton94, TW17, TS14, TPW09, TLE12, TP99, TV98b, UA07, VCS24, VC00, VV05, Vas07, Vil14, VW94, VO96, VPP05, Wal99, Wal18, WCS00, WC03, WPL+13, WLE+00, WL08, WWY09, Wan12, WSA16, WRSZ18, WHL18, WP19, WCL+21, WJW21, WZ22, WWL+25a, WG00, WMSG09, WGS25, Wen10, WMKK25, WMBT19, WK03, Wu21, WZ21b, WX21, XSC21, XZB11, XH05, XT06, XSWG23, Yan94, YTLI11, YYS16, YBLH16, YZ07, YZ08, YJXZ22, YWL17, You25, Yu01, YCS16, YB09, ZBFN17, ZKN21, Zam16, ZG23, ZK14a, ZCZK14, Zbi11, ZTBK18, Zha97, ZV05, ZCL+11, ZZWZ14, ZSB16, Zha20, ZWH21, Zha22a, ZMS10, ZK15, ZW94, ZF09, ZWG21, ZS02, Zin00, ZS04, vHBTC12, vdVY00, AP93, Atk94, Bia94, BR95, BHP94, Cai94, CSS93b, CW97, Dax93, DG95, Elt96, FS96, GPHHAPR18]. **methods** [HHRV93, HLS93, Lie93, LSM93, MMPR93, MP94, Pem93, PM95, Rán93, ST94, She97, Wei94, Zha94, vd97, Sta24b]. **Metric** [BPR16, BRR18, BHK+24]. **Metric-Perturbed** [BHK+24]. **Metrics** [GKRB16, Knu01, UA04]. **Metropolis** [CKLL16, ST22b, Wal14]. **MFS** [ASS25]. **MFS-SVD** [ASS25]. **MG** [HJJ22]. **MG-FIM** [HJJ22]. **MGFM** [ZFL25]. **MGIC** [EERT23]. **MGM** [WJS23]. **MGRIT** [DKPS17, WZ19]. **MGS** [TBG25]. **MGS-CGS** [TBG25]. **MHD** [AB19, CST+13, CST16, DW24, GMY24, LNZ19a, LNZ19b, OBP+24, PEC+14, PSC+16, Rav05, WGS17, WS20]. **Micro** [JS10, LLS13, LM08, LM12, VS23]. **Micro-Macro** [JS10, LLS13, LM08, LM12, VS23]. **Microchannel** [HKF+13]. **Microchannels** [VN03]. **Microemulsion** [ST25]. **Microflows** [CLQ12, HCW20]. **Microlocal** [LQ19]. **Micromagnetism** [Lab05]. **Microprocessors** [HML+04]. **Microscale** [BMW24]. **Microscope** [WPL+13]. **Microscopy** [BC06, LFJS14]. **Microstructure** [Kup00, Li03, NWW97]. **Microstructured** [GGPSV25]. **Microswimmers** [LZG+25]. **Microwave** [WB08a]. **Midpoint** [AR99]. **Migration** [PR96, SP03]. **Mills** [CW06]. **MILU** [WH95]. **MIMD** [ST94]. **Mimetic** [ACHZ21, ACH+23, CPH14, TC12, dVM08, dVL10]. **Min** [GG94, GG95]. **Mindlin** [CG07]. **MINERR** [Dul98]. **Mines** [XK08]. **Minima** [RWB25]. **Minimal** [ABPW21, BBSV10, CGS02, DS14, Lee13a, LRS02, LN04, LD03, NM13, OK13, OWO14, RN95, SV01, Ton94, WMI09, ZP18, Bia94, CGS+94, Fre93]. **Minimax** [FNTB18, GJM94, HW21, LZ01, LZ02, SW10b, YZ05, ZFHS15, NT20]. **Minimization** [AKA19, AAB+15a, AO17, BLV18, BS25a, BLP14, BCL99, BL08b, CGO22, CC08, CXY10, DK10, DGP10, Doh03, DF03, FF24, FW24, FNNB05, GLS24, GY09, GRMS09, GS98b, GNZC17, HAS20, JFSO23, KKK16, LMRS15, LN17, LST07, LLCW22, LST+24, MF06, NN05, OC05, OST11, SKO21, SS23, Tao22, Vas10, WBFA09, YG15, YSX17, YMW07, YLHX15, ZBK18, Zha20]. **Minimizing** [ACO98, ACCO00, CW12, Don06, GPB24, Hag02, HKR16, HL20, KB23, KKR21, WCS00, Wei94]. **Minimum** [AW11, Ash95, BLMS21, BBR08, EG18, HSK19, Kas95, MV00, Ng00, PS02, PHJ11, WZ21a, Wan13, Wu21, dMHJM00, DG95, SS93a]. **Minimum-Mode** [PHJ11]. **Minimum-Radius** [BLMS21]. **Minkowski** [LLQ24]. **MINRES** [CPS11, Dul98, GH02, HS17, KL12]. **MINRES-QLP** [CPS11]. **MIONet** [JML22]. **Miscible** [AD18b, CL97, GY17, LY98, WLE+00]. **Missing** [ZW16]. **Mitigating** [WTP21, ZL25]. **Mixed** [AE08, Ain07, AdWGV+20, AHT17,

AGPR19, BKMR25, BMV18, BRT07, BMM98, BHL+20, BBH20, BG04, BMP25, CPV95, CK23, CCL25, CGP12, CZ10, CKY98, CKV99, CF05, CG07, DYZC22, DTYY18, DMZ21, DK98, Egg18, EPSU09, FGM08, FKTW10, FCF19, FNNB05, GJ08, GYZ11, GS16, GH02, GK18, GPHHAPR18, GW00, HJP03, HJP04, HW09, KLV+16, KS99, KL05, KP21, KLL+23, LPMR19, LRV22, MMT15, MRT00, MBT21, MRB23, Mic01, NVT24, Pav98, PSA99, PQOB14, PSC+16, PEdD12, RW21, San10, Sar98, SJR09, Sch02, ST17b, SW16, Sta00, TBM21, TB24, VP14, VLM22, WLE+00, WGS17, XCS16, XZS23, YTD15, YBLH16, YFS21, YWW23, Zha22b, ZHS10, CGP93, WTS94]. **Mixed-Dimensional** [AGPR19, BBH20]. **Mixed-FEM** [GH02]. **Mixed-Hybrid** [MRT00]. **Mixed-Integer** [VLM22]. **Mixed-Mean** [VP14]. **Mixed-Precision** [MBT21, TBM21, YTD15]. **Mixed-Type** [Zha22b]. **Mixing** [ZCZ04]. **Mixture** [CCH+25, Tre25]. **Mixtures** [AHT17]. **ML** [HKO+23, YC99]. **MLMC** [GHKF22, HXW22]. **MLMC-based** [HXW22]. **MM** [WCL+21]. **Modal** [DMM18, dMGF17, KSMM18, Rei21, ZGK20]. **Mode** [AW20, AK17, Aru12, CGM00a, DU19, DL23, LLS19, LT20, MNU23, NTZ+25, PHJ11, RSSM18, WRB+15]. **Model** [AKA19, AH17, AdSGC12, ABdSF15, AHN+20, ALT24, ABST13, AK17, AN16, AGI16, AH09, AHR12, AKM14b, BBSW16, BB08a, BBBG11, BG07, BF13, BB15b, BG21, BMM98, BCI25, BK04, BFN17, BI09, BCCK16, BF22a, BK00b, Bri24, BGH23, BS18b, BTWG08, BCV13, CLQ12, CCS+19, CTB15, CLDS19, Cha07, CS10a, CBG16, CCCZ10, CYZ17, CDM+13, CS18b, CZ22, CC19, CCA20, CG96, CW12, CGHT14, CKM23, CDN16, CPR11, DJMR23, DHL21, DKM14a, DHE13, DSZ13, DG99, DZ08, ES22, EKLS+18, EPSS22, EMM+99, EOR24, EF05, Fra98, GLM22, GX16a, GHMY18, GT98, GKC13, GM13, Gob08, GLL01, GB06b, GPA18, Gos12b, GPB24, GSS22, GSW13, GM23, GLW18, HKO+23, HKF+13, HKSS25, HLLM15, HSS08, Hir24, HL19, HM20b, HJP03, HQH+16, HLZ25, HMMS22, HiH18, HCP+23, IA14]. **Model** [JK15, JJCX24, JLZ16a, JLYZ23, JP14, KY19b, Kim05, Kim08, KLJ10, KLW24, KPPS14, KS15b, KSW20, KLL+23, Ld12, LTC13, LSV17, LU17, LQR12, Lay96, LS13a, Lee14, LMW17, LPP19, LM15, LN05, LWW20, LGHL23, LWG10, LS05b, LM14b, LHR+18, LRT11, LW20a, LTG22, LQZ22, LST+24, LB25, LCXZ25, MO24, MO00, MP20a, MRS16, MBS22, MS18b, Mu97, MZ19, MEF09, NKTY08, NPS22, NS21, NBT24, OCY+25, OS14, OPR23, Par23, PP12a, PW15, PWG16, PGW17, Peh20a, PNP13, PM16, PS11b, PN19, QS14, RKLM18, Rei18, RPM23, RPSS22, RDP08, RLM+00, SMZ18, Sai20, SSDN12, SBR06, SSM+20, SV23b, SS25a, SBHS19, Sha21a, ST25, SY10a, SXL+22, SZZ21, SSJB17, Sma01, ST23, SBMR18, Tad20, TLN14, TY00, TX24, Toi08, TGS08, VBA18, VP14, WW22, WLY25, WFG+20, WiOH08, WG20]. **Model** [WZF25, WH13, XBC96, XJBS12, XJS13, XL20, YY18, Yan21, YGS+21, ZBFN17, ZFLB15, ZHY21, ZWWZ21, ZZZ21, ZMD22, ZC23, dZHY23, ZHY24, ZHY25, ZYLW16, Zim14, dSGK+15, dlRGH+25, ten95, CHKM13]. **Model-Based** [Fra98]. **Model-Constrained** [NBT24]. **Model-Free** [YGS+21]. **Modeling** [ASR+23, ASZ07, ÁJHP24, ACCP13, BLPP24, BPR04, BCT05, BKK18, BBH+16, BCG+10, BGL06b, CHL06, CGDD11, DKDH20, DCB22, GMKJ+24, GaP08, GV15, GRL10, GM11, HKA+21, HJ18b, HK03, HLE+25, HLY13, HLM16, JK10, KSHMC23, KLT06, Kup00, LVWW03, Lay06, LCR+16, LOL13, LO14, Lem16, Lin06, LM14c, MH17, MJR05, MG23, NMWI11, NWW97,

OPRB06, Par23, PSKG13, PQR20, RG13, Ren15, RG09, RK07, RBG23, San10, SDNL10, SPKB13, SOTB21, SCM10, TPT+16, Wal18, WKM+07, XMRI18, ZYLW23, vdHCDD15, LP06]. **Modelling** [GMvdV18]. **Models** [AT20, AG25a, AA00, AKA13b, AF11, ABCP08, BST08, BHN10, BRM24, BCF13, BCJ+21, BBR04, BGSV15, BDV24, BJ08, BMV13, BJW18b, CV07, tVÇAU10, CCC17, CNP12, CS18a, CZ25, CAG+19, DSB99, DJP00, DBA19, EHL06, EHT24, EMSW12, EAA21, FKQS17, FS05, FY14, FNR25, GR04, GZYW18, GZW18, GZW20, GV16, Gri19, HAG17, HRP20, HPS06, HDB08, Hri03, Hri05, JZD25, JlLGZ20, JSCB20, KGM+11, Kou09, KL11, LCS+24, LL02, Le 05, LRP07, LP08, LDS11, LZ16, LL20, LSPRV21, LNA+11, MMRN15, MKW23, MEHL16, MW08b, MW22, NQE25, NGX14, NCT99, NMFP16, OKdSG17, OAA20, OPRB06, PPVV25, PGW17, Peh20b, QZT11, QSM19, RWKW14, RWWK15, RS13, RW97, RLC08, SBK18, SRS12, SHP07, SC03, SY14, SBX+08, STY21, UWWP23, WM05, WKM+07, YCHS25, YTT21, YDK22]. **Models** [ZZY20, WTS94]. **Moderate** [NN14]. **Modern** [DARG13, EMM+99, KHW+14, MRV06, RZTB22]. **Modes** [ARM23, Fli13, GGPSV25, JvGVS13]. **Modifiable** [IS17]. **Modification** [MOKS12, Pet01, ST14a, ZH21]. **Modifications** [BEOR17]. **Modified** [ACVZ12, ACP25, APS12, BS15a, BFK03, BCCM24, BIA05, BK20, CGL+13, CGO22, Dax03, EIL01, GL03, GM20, HJ18c, HLW00, HS17, LV10, LRT11, LXK08, MR02, MM95, MM98, NRSD18, Sch93, SH01, DFK23, WLZ18, ZFL25, ZQ17, Zyg11, Anj93, FGM95, LCW95, OS95]. **Modifying** [VAF+24]. **Modular** [LS16a, LCE22]. **Modular-Proximal** [LCE22]. **Modularity** [ZLWZ18]. **Modulated** [BLM22, CDM+13]. **Modulating** [ALLK15]. **Moduli** [HRV11]. **Modulus** [CCG14a]. **Modulus-Squared** [CCG14a]. **Molecular** [APvDG12, BZ10, BCR11, BTY08, GKM+17, GLT09, JlLGZ20, LR10, LLS22a, LXZ23, LCL18, NKTY08, OKF14, QZT11, QDKW18, RN14, SZS97, Ske09, VS23, YPN+01]. **Molecule** [Nak98]. **Molecules** [Kra08, MS04, VS17]. **MOLNs** [DTT+16]. **Moment** [BN98b, BLM03, CL10, DHP17, DC24, FDFW07, GLT18, GK19, KW10b, LZG20, LZ04, OSWP25, PKR+13, San10, TKCC13, ZBK18]. **Moment-Based** [BN98b, PKR+13]. **Moment-Equation** [LZ04]. **Moment-Matching** [GLT18]. **Moment-Parity** [BLM03]. **Moments** [BSMM16, ECH+23, GMV99]. **Momentum** [GMYL23, LW12a]. **Momentum-Preserving** [GMYL23]. **Monge** [BATI25, BH23, BW09, DF10, DL19, Fro12, HCX22, NN19, PTvR+14, PBtTB+15]. **Monitor** [CHR99, HS17]. **Mono** [Lee10a]. **Mono-Energetic** [Lee10a]. **Monochromatic** [KR14]. **Monodomain** [CS18a, DKKP14]. **Monolithic** [ABC+16, ABC+21, AHH+23, BKKM22, HHK19, JLWZ24, Kir24, MKWG15, VMOT25, Wic17]. **Monomial** [WB08b]. **Monotone** [FO19, PL03, SYY09, TCDS21, WK03, Bøe93]. **Monotonic** [PLVG+22, Woo94]. **Monotonically** [DBC13]. **Monotonicity** [AW11, BH14a, BS04, BM10a, BM10b, FK97]. **Monotonicity-Preserving** [BH14a]. **Monte** [BCCSS21, VS23, WZGO21, YWL21, ABLS05, ACdS+11, AE22, BHvST14, BBT24, BDK+20, BK04, BCSS14, CL18a, CWY23, CKXZ18, CKBT16, CML+18b, CGF21, DPS18, DGR+17, EHL06, EBSS+11, FVV21, GSWZ20, GLSTV16, GL22c, GP18, GKRB16, HW14b, HHLL00, HJS18, IT09a, IK10, IT14, JKLZ18, KKS08, KBK+08, LXZ20, Liu24, LMRS21, LS23, LZ04, LW20b, LW19b, MS04, MSS12, MBS22,

NT18, Ökt05, PR01, PWG16, PMR16, RNV17, RNV19, TPW09, Wan12, WWH17, WKKP13, WG19, WP20, YHFG22, ZWH21]. **Monument** [Sem10]. **Morley** [MT22]. **Morrison** [BCMM03]. **Mortality** [Kim05]. **Mortar** [BBMR03, BCdF$^+$20, GYZ11, GJP$^+$14, KV20a, KL06, PEdD12, PWGW12, Ste01, TW13b, WW03]. **Mortar-Based** [KV20a]. **Mortensen** [BKS25]. **Most** [KM05]. **Motion** [BN98a, CS94, CFSZ08, GM13, HT16, KKK18, MO00, MO10, Nit99, Sch05, SXL$^+$22, SU15, TR93]. **Motions** [DYZC22, DL24, MK96]. **Motor** [GLL$^+$15]. **Motzkin** [DHN17]. **Mountain** [Ben13, Ben15, Ben17, BD23, CM24, MY21, Sta24b, Tum10, TBC$^+$11, Vas05, Yav19, vdV01, vdVDE$^+$02, vdVDE$^+$03, Vas07]. **MOVCOL4** [RWX07]. **Movement** [BLH02, FS05, KWW13, NMWI11]. **Moving** [BCI22, BHR96, BW09, CHR02, Car10, CM98a, CM98b, CP13, CIZ18, DBC13, DLTZ05, DLTZ06, DL20b, DBSR17, GLQ16, Gra14, GN07, HR07, HLP23, Hei13, HR99c, Kup00, LPR98, LCJ$^+$20, MMRN15, MN07, MNRI19, PWF18, PM15, RWX07, SMR01, SAE10, TY00, VB07, WS07, WPT17, XSC21, Xu23, YHQ12, YY18, ZHQ20, Pet93]. **Moving-Water** [LCJ$^+$20]. **MPEC** [BLP14]. **MR** [BEM94]. **MREIT** [SKJ$^+$13]. **MRRR** [DPV05, PQOB14]. **MRRR-Based** [PQOB14]. **MSAV** [CS18b]. **MSP** [WZ03]. **Mstab** [NG18]. **Multi** [ADK$^+$18, BL03a, CB98, DDMQ18, DSRMK17, HK95, HGK97, LNP$^+$07, Log03a, Log03b, MSS12, OPRB06, RNV17, RTR$^+$16, Saa96, SW09, WK06, ZC24, HJJ22]. **Multi-** [HGK97, RTR$^+$16]. **Multi-Adaptive** [Log03a, Log03b]. **Multi-Dimensional** [DSRMK17]. **Multi-dimensions** [MSS12]. **Multi-Element** [WK06]. **Multi-Elimination** [Saa96]. **Multi-experimental** [BL03a]. **Multi-GPU** [RHSK11, HJJ22]. **Multi-Index** [RNV17]. **Multi-Material** [ADK$^+$18]. **Multi-Medium** [ZC24]. **Multi-P** [HK95]. **Multi-Resolution-Analysis** [LNP$^+$07]. **Multi-Right-Hand-Side** [CB98]. **Multi-Scale** [OPRB06]. **Multi-Stage** [SW09]. **Multiagent** [MZDK22]. **Multiblock** [LDM00, MC10]. **Multibody** [AKPRB08, Lee13b, Sch05, WK03, YP98]. **Multichannel** [YZY09]. **Multiclass** [BCV13]. **Multicloud** [DKM14a]. **Multicode** [CHV$^+$18]. **Multicolor** [WH95]. **Multicompartment** [KLJ10]. **Multicomponent** [JJCX24, KS15b, LD05, WZET13, ZZZZ25]. **Multicomputers** [HV96, Rot96]. **Multicore** [ABC$^+$14, GV15, GLR$^+$16, HRS10, HEGH14, LD11, MHL$^+$15, RHSK11, SH14, VTD12, YTD15, RZTB22]. **Multicore-Optimized** [MHL$^+$15]. **Multicore/Multi** [RHSK11]. **Multicore/Multi-GPU** [RHSK11]. **Multidimensional** [ALMT20, BLH02, BBBV13, BZ12, BG20, BL03c, CK17, CGMV05, CHKsL20, FCM12, GTLSCDGR24, GS19, Hei13, Hes98, HDZ16, Hor10, HHSY22, Inv02, JL05a, JT98, KK09, KB23, LE10, LLD99, LPR00, LPR02, LE24, PSFL20, RO15a, SW22a, Str95, TW09, WL01, Win10, WS18, XCLQ20, BZ96, Ena97, ZMC94, ALZ14, PR22]. **Multidimensions** [GC17b, HC20b, Sur00]. **Multidomain** [AKBM21, CLL13, PM95, WPGR13, LSZ17]. **Multielement** [HSK19]. **Multielimination** [SZ99]. **Multiextremal** [CGS02]. **Multifactor** [Bri24]. **Multifamily** [EZ11]. **Multifidelity** [LZMW20, LL25b, NGX14, PWG16, PVK16, PMSI21, WOP23, XKKN22, YZL20]. **Multifluid** [Kar96, SA99]. **Multifrequency** [BYZ19, CGZ24, JL19, JL20]. **Multifrontal** [AGL10, AAB$^+$16, AAB$^+$15b, ABLM17, But13, GLR$^+$16, LGCL21, VM13, Xia13, XXdH$^+$17]. **Multigraph** [BS99a, BS02]. **Multigrid**

[AL02, AC04, AC05, ABKS16, AB08a, ABC+16, ABC+21, AHH+23, AG17b, AG17a, ABJÁFT24, ADGM98, And16, AM20, AGPR19, AA02, ACK19, AY23, AT23, BKM19, BFKY11, BSH16, BDS98, BFJ+15, Bas98, BDO12, BI00, BFG+16, BGH+03, BHST08, BKS16b, BR18, BKM24, BVV08, BB03, BH08, BvW09, BNN23, BM95b, BD99b, BIYS00, BF10, BK14, BCK+18, BCF+00, BFM+05, BGMR01, BFJ00, BVW03, BLM03, BSA13, BHM+21, BF24a, BKS13, BK20, BK11, BHK+24, BEM17, BOKCW20, CW07, CCS98, CGG+14, CH02, CMM+07, CKY98, CMK11, CM15, lCCVEKV17, CFH+00, CG17, CRV14, CJS25, DMS01, DMMO04, DMM+10b, DMM+10a, De 12b, DM13b, DT95, Den97a, DB94, DTM05, DKPS17, Doh07, DSC05, DMSC18, DGR+17, EERT23, EEO01, EOV05, FKMR19, FS14, FFK+14, FMOS17, FS96, FRS19, FMB13, FKK+14, FSD24]. **Multigrid** [GN16, GGL09, GR17, GMSB16, GV15, GGOY02, GRS+15, GOS03, HKR02, HR05, HSF23, HW13, Haz08a, Haz08b, HRD21, HHvR03, HW01, Hen05a, Hen05b, HSN+20, HTW+12, HV95, HDF+19, HTB+05, HLZ19, HLX23, HGRW16, Huc08, HMM+21, JFSO23, JV96, Jia14, JLWZ24, JL05b, KR18, KKV13, KVV23a, Kan03a, KR14, KK09, KK02b, KY03, Kir24, Kna98, KR99, KM16, KR22, KMT24, Kra08, Kra09, KW18, KRGO19, Kwa99, LO11, Lee09, Lee10a, Lee12, LBYT24, LN05, LB12, LB06, Liv15, LGR20, LRGO17, MO08, MM13, MFJ19, MFY23, MMM+94, MOSS17, MRS18, MS19, MMRS19, MS06a, MBVOT22, MBT21, MT24, MT96, MSB+15, MPV21, MMV98, MN08, NN12, NN14, NN17, NAC+15, Not12, Not17, Not25, OR02, Ols07, OST11, OW98, OW00, OW02, PZZB15, PT01, DHM+23, PBV18, PoH09]. **Multigrid** [ROM18, RNV19, RGOY10, RLM+00, SB10, Sch98, SCTP04, SIS96, Sha99, hSSW23, SS10a, SW17, SSR21, DFK23, SAB14, SV21, TZ95, TBM21, TAY+19, TBH23, TY11, TY15, TPT+16, VCS24, VV05, VFGS23, VV13, Vir07, VMOT25, WCS00, WC03, WL04, WHCX13, WMKK25, WOW00, WO01, WY09, WW03, WMBT19, WSGT24, WK03, WE06, XQ94, YBHY15, Yav96, YVB98, YT24, Zas95, ZF09, bZOW07, dlRRG19, BGP94, BY93, BH93, LK93, MMM+95, MMMY96, TW93, Yav93]. **Multigrid-Augmented** [AT23, LBYT24]. **Multigrid-in-Channels** [EERT23]. **Multigrid-In-Space** [And16]. **Multigrid-Preconditioned** [PT01]. **Multigrid-Reduction-in-Time** [HSF23, HSN+20]. **Multigrid-type** [DSC05]. **Multigrids** [BTB05]. **Multigroup** [FJHM19, KWG+20]. **Multiharmonic** [KRS21, GBS+22]. **Multilayer** [CKM23, Lar99, LCY+20, ZZZZ25]. **Multilayered** [BLYZ24]. **Multilevel** [AG17a, ATWK19a, ATWK19b, ATWK20, ABH03, AKS05, AJ22b, ABLM19, AP99, BMP16, BS02, BK98, BK99, BGL+21, BSSS23, BBT24, BDK+20, BL04b, BHT09, BS23a, BS05f, BGS09, BBB+11, BMSV97, BV98, BGR16, BF24b, CGP93, CGZ99, CC08, CC10, CWZ07, CWX15, Cho05, lCCVEKV17, CDGT01, CGF21, CPB19, AGJT21, DMM+08, DMSW10, DGR+17, EY07, EN08, EN09, EK14, EK10, FVV21, FLU+20, FKRH22, GV20, GLS13, GMBR24, GXY15, GCR16, GC17a, Gri94, Gri95, GS02b, GR05b, GrM10, HM05, HSB20, HJ98, HLMR96, HÖU+19, HSN+20, HL10, HXX18, HJS18, HS01b, HL17, HWZ21, HL23a, JK11, JKLZ18, JKM24, JR96, KXS18, KNN12, KK98, KKT13, KS94, KKN21, KKF11, KC16, KWG+20, KK23, KT08, Kra12, LLP98, LLZ08, LSC18, LYLC21, LS23, LX16b, LW19b, MG07, MG09]. **Multilevel** [MG11, MV94, MK08, MSS12, MTV16, MDKN23, NT18, OVV17, OKLS15, Par17, PS08, PS11a, PC07, RNV19, RHW24, Rüd94,

SZ99, Saa05, SM19, SCTP04, SBX+08, SW03, SRW+18, SLC01, TX17, TTY16, WLPU20, WC00, WiOH08, WJS23, WP20, YD06, ZT17, Zha94, ZCHO24, EG93, AM17, LB11]. **Multilinear** [SL10]. **Multimarginal** [FSV22, HCL23, KLLY20]. **Multimedium** [WLK06, ZFL25]. **Multimodal** [HW03]. **MultiModes** [YHFG22]. **Multimoment** [BBT19]. **Multinumerics** [TW13b]. **Multiparameter** [BC99, YBM+18, PWM22]. **Multipass** [MS98]. **Multipatch** [ABPW21]. **Multipenalty** [BLZ25]. **Multiphase** [BHN10, BEM17, BOKCW20, CYHY24, LVWW03, LZC+25, MBGV16, RHSK11, RJLW20, SU15, WZET13, Whi15]. **Multiphysics** [AHN+20, BS16a, BRDQ24, LCR+16, OBP+24, SM17, WPGR13]. **Multiple** [ARMNW10, AEFM17, ALM19, AHDK14, ÁJHP24, ABB+16, BA05, BNP15, BGH19, BDvdG05, BK24, BER17, BWS20, BS96b, BD99a, CGL+13, CGR14, CN99, CS18b, CC97, CMM95, CDZ22, DFJS19, EPE05, GYZ11, GML+21, HR05, HHR23, JML22, KKN18, KMR01, KMZ+25, KLL+23, LL19, Lee10b, LPMR19, LZ01, LZ02, LX14, LXdH20, Liv15, LN04, MY20, MN11, MY18, NKGG21, Nov15, PFS21, PF23, PLT+21, RSSM18, Rei21, RH06, RNR16, RWB25, RSS20, SG95, SRI+18, SO10, Str93, Tap22, UA04, WS07, WHL18, WO98, WWJ12, XYZ12, XYZ22, YTD15, YZ05, YC99, ZGA10, CW97, Heg95]. **Multiple-Coarsening** [Lee10b]. **Multiple-Grid** [MY18]. **Multiple-Input** [JML22]. **Multiple-Network** [LPMR19, PLT+21]. **Multiple-Relaxation** [BK24]. **Multiplication** [AKA13b, AA14, ABB+16, BSH16, BG12, DO15, DKGS15, EBSS+11, FHL+23, GHS+15, GKN18, HJ18a, KHW+14, MM25, Mat95, MFK25, MDM15, SLvdGK14, SvdGP16, SV23a, Van20, VR14, WH09, WP20, YB09]. **Multiplications** [FHH+18, LSY21, LXG+21, YL93]. **Multiplicative** [Cai94, CGG07, GBM22, HLZ13, KS23, SCGT07, Vil14, WY13, dlRRG19]. **Multiplier** [BLS14, CS23, GJSZ25, IT09b, KL15, LC21, LNS15]. **Multipliers** [CG18, KMW99, KW00, WY12, YYWY18]. **Multiplies** [UA04]. **Multiply** [BHL+20, BC13, DK11, HQR19, HT09, KAU18, NAS13, OR24, RD21, Goe97]. **Multiply-Add** [BHL+20, Goe97]. **Multiply-Connected** [RD21]. **Multipoint** [SBS98]. **Multipole** [BCR11, BT03b, BPT+14, Ber95a, CDGS05, CD13, CCFG23, CJ05b, CPD17, ED95, EG01, GR02, GSS00, GD03, GrM10, HA17, HEGH14, HR98b, KLZ+06, LCD14, MG07, MG09, MG11, MR07, Mor24, NKLW94, OC03, OC05, PD15, RRR05, Sch94, WZC19, WMOZ22, EB96]. **Multipole-Accelerated** [NKLW94]. **Multipole-Based** [GSS00]. **Multiprecision** [CVW06]. **Multipreconditioned** [BKL+17, Spi16]. **Multiprocessors** [Sun96, NP93a]. **Multiprojection** [MFPG18]. **Multiquadric** [DD12, KW11]. **Multiquadrics** [CBN02]. **Multirate** [AdS22, CR21, FR23, LW22a, LCR20, LCR22, MB19, Pul08, RSS20, SRS19]. **Multiresolution** [ATV07, ACD95, ADH99, BW00, BGGM22, BC02, BH97, BT01, DDGS16, DMD+12, GvR22, GC17b, HBB+16, HC20b, HLL+22, JTZ08, KHKL16, LS00, NW22, WB00, Liu93, PR22]. **Multiresolution-Based** [BGGM22]. **Multirevolution** [LV20, Vil14]. **Multirow** [KMSM14]. **Multiscale** [AE08, ASR+23, ADP20, AD07, AKT16, AKMW25, BGP24, BZ97, CSS10, CMZ19, CLLW20, CD01, CE16, DP10, DCSO10, DGN25, DMD+12, FR15, FCZ23, Jin99, JK05, KKT19, KY05, Kra09, LM00, LW22a, Li99, LNS15, MCL19, MPS18, MBKR22, MZM25, OS15, SCW23, TW03, TW13b,

VGOR20, WLZ23, WFG+20, WM11, XZLX22, ZCW10, ZMqCS21]. **Multisecant** [SM17]. **Multishift** [VD10]. **Multispecies** [BMV13, DWQY19, JS10, ZZZ21]. **Multistage** [AHHR16, Ban10, HS06c, ZRTK12, WRB+15]. **Multistate** [JJCX24]. **Multistep** [ADP20, ÁJHP24, Ban10, GNS22, GZT+19, HiH18, IM97, WZ03, ZFZ14]. **Multisymplectic** [FMR06, MRS14, MW15, CV16]. **Multisymplecticity** [RM08b]. **Multitarget** [Har08]. **Multiterm** [LZK17]. **Multithreading** [But13]. **Multitime** [CMZ+24]. **Multitissue** [CC11]. **Multivariable** [Lin06]. **Multivariate** [ACD23, ATWK19a, AS22, AD19, BGM09, BHH24, CS14, CKN06, FEL18, GSWZ20, GKNW18, Gri19, IM98, JKY21, LL03b, LN23, NX13, Rah13, SX16a, SX17, ZCPM20, ZNX14, ZB24, CW93, Heg95]. **Multiview** [ZMS21]. **Multiwavelets** [ABI00, BW00, CCA03, WB00]. **Multiway** [WG19]. **Multiword** [FHL+23, JF16]. **Mumford** [CCS+19, DMN08]. **Müntz** [MC05, SW16]. **MURPHY** [GvR22]. **MUSCL** [Zen16]. **Muscle** [RDP08]. **MUSIC** [AILP07]. **MUSIC-Type** [AILP07]. **MUSTA** [MEF09]. **MuT** [LB11]. **Myths** [HvdG96].

N [Mau95, Ten98]. **N-Body** [Ten98]. **N-Simplicial** [Mau95]. **Nano** [GL10]. **Nanophotonics** [LSV17]. **Nanostructure** [ZMqCS21]. **Nanostructures** [MCL19]. **Nanotube** [JP14]. **Narrow** [KP09a, MM25, ORS25]. **Nash** [dCFC20]. **Natural** [BDG20, CF07, HLMR96, HAS+24, LRD+04, NLY23]. **Nature** [CHZ21]. **Navier** [GHMY18, KW07, ABD+17, AOS20, ABN21, ABS96, ACL09, BH00b, BBSW15, BDK+20, BL07a, BW11, BS15a, Ber97, BBKW19, CHL20, CST16, DLTZ05, DS17, DHE13, EAOS21, ES96, Elm99, EHS+07, Ena97, FMW19, FF05, GRL10, GHST98, GW98, GK98, GM15b, GM19b, GZ19, HSB20, HLLM15, HG96, Hes97, Hes98, HLM+09, HBS00, JL11, JK05, JK00, KLW02, KL05, KGGS10, KOV15, KBG18, LW12a, LLP98, LL03a, LP22, LBF25, LCW95, LLL08, LQC23, LKBJ18, Lui01, MP08, MS25, NSK10, OR02, PCFN16, PT01, PP08b, PM95, PS12, RSD+20, RX17, RG09, SWT00, Sma01, SSF16, SU15, TLN14, TLLK09, TC99]. **Navigating** [GCN21]. **NCP** [Rad16]. **NCPR** [YLY24]. **Near** [ALRT17, FD03, GrM10, JWC21, MAH22, MCH24, MHS98, O'L01, RKW20, SW10b, TO15, Van95, LS23]. **Near-Circulant** [RKW20]. **Near-Field** [GrM10]. **Near-Optimal** [FD03, JWC21, O'L01, TO15]. **Near-Singular** [MAH22, MCH24, MHS98]. **Nearest** [BCT07, GCS19, ROO08b, XB16]. **Nearest-Neighbor** [GCS19]. **Nearly** [Hag00, ISW18, KPS19a, LPMR19, LS12b, Sta07, SM07, SLC01]. **Necessary** [HMMS22]. **Nedelec** [SLC01]. **Needed** [CG17, IW14]. **Needle** [CS94]. **Nehari** [CLXY25]. **Neighbor** [GCS19, XB16]. **Nematic** [MMRN15, ZYLW16]. **Nernst** [HS21, XL20, EBK25]. **Nested** [AMM+10, AEFM17, BvG15, CHCX23, CZ10, EN08, FKMR19, GMKJ+24, GPP95, GBDD10, HR98a, LSW24, LM15, NX13, RWW14, WRB+15, ZND18, ZS18, ZMS21]. **Nested-Batch-Mode** [WRB+15]. **Nesterov** [DH21]. **Network** [AD25a, AB16b, BPS13b, BPS13a, CLL20, CCL24a, CFZ25, CKS25, DMG+24, DD25, EERT23, FMRR13, HLWX24, KY19b, KLL+23, LPMR19, LKH25, LVR24, LT21, NKGG21, NBT24, PLT+21, RGG15, SM19, SMR16, TP21, Wan07a, WBM+25, YGS+21, YLG22, YXTY24, ZCT24, ZWL+25, SBC93]. **Networked** [Her08]. **Networks** [AD21, AS21, AS22, AE22, ACHN21, BHN10, BSV19, BGPS21, BHA25, BK18, CMO+23,

CYDK21, CGL24, DDDS25, DGM25, Egg18, EKLS+18, EdDP09, EPMN25, FGH+08, FK18, GaP08, GSY25, GPZ17, GN23, GJ21, GK13, HHZ22, HK03, HJKK22, HJZ24, HYW+25, HZKK25, HLX23, HGPM14, JPPZ25, KO05, KK23, KKKK24, LS16a, LS24, LSM22, LGC+23, LMRS21, LPY+21, MTV16, MM07, NCCR22, OCY+25, PLK19, PPVV25, PEdD12, SDNL10, SAY03, SMM24, SAE10, TWJ+23, Wan97, WTP21, WZC25, YZK20, YHSL24, ZGK20, ZWK+25, ZZZZ25, ZHL21, ZHS23, CC96]. **Neumann** [BR95, CGSR20, FCR93, Fli13, FK00b, GL21, HN06, KL06, KL13a, LV10, MB19, Nas09, NXDS11, NCT99, QZZ19, SW16, XYZ12, XYZ22]. **Neural** [AD21, AS22, AD25a, BHA25, CLL20, CCL24a, CFZ25, CMO+23, CYDK21, CGL24, CJS25, DDDS25, DGM25, DMG+24, DD25, EERT23, EHT24, EPMN25, GYZ24, GSY25, GN23, GJ21, HHZ22, HJKK22, HLWX24, HJZ24, HYW+25, HZKK25, HLX23, JPPZ25, KY19b, KKKK24, LVR24, LWL+24, LB15, LWZ+24b, LMRS21, LPY+21, LORCG25, NCCR22, OCY+25, PLK19, PPVV25, PvdVvG17, RAB+14, RC06, SSBP24, SM19, SAY03, TP21, TWJ+23, Wan97, Wan07a, WTP21, WZC25, WBM+25, YGS+21, YXTY24, YHSL24, ZGK20, ZCT24, ZWK+25, ZZZZ25, ZHL21, ZHS23, SBC93]. **Neurodynamic** [AALPC25]. **Neuromagnetic** [BBR08]. **Neuron** [AS22]. **Neurons** [AN16]. **neurophysiology** [GM96]. **Neutral** [COZ96, WL08, WH13]. **Neutron** [CMM+07, FHL13, HHM17, KMS15, KWG+20, SG11]. **Neutronics** [WKKP13]. **Newest** [AGK18]. **Newton** [BG05a, BG05b, CC12a, MR17, PBC05, AW15, AHDK14, BC10, BBH+25, BM01a, BBM11, BLMS22, BG05b, BU15, BHMX18, BVW03, BG24b, CC16, CGK+98, CK02, CL11, CGO22, CZ10, CILW23, CBDW15, CX08, DFG15, DGK+16, DP03, DL22, EW96, EV13, FBvdZ24, FLX21, FSvdV98a, FGM95, GC19b, GV09, HJL+19, HYC16, HLM16, HPS22, KFR21, KMT98, KSD10, KR99, KVMK01, KWG+20, Lan10, LWYxY18, LGY+23, LL08, LK15, LHL+22, LCY+20, LC23, LR98, MV00, MB17, MWBG12, MBVO13, MPS09, Nau24, OS98, PW98, PT01, PP08b, PMSG14, PST15, PMSB12, RWW14, SL10, SM17, SGS22, SMYS21, SQO02, WC23, Wic17, YHC16, YBM+18, YP98, ZSPL21, dSK11, vWBV09]. **Newton-Type** [CZ10, HLM16, YP98, MV00]. **Newton/Chord** [KMT98]. **Newton/Inexact** [Wic17]. **Newtonian** [DRW20, FGO20, GP96, Lee14, MM14, SS24]. **NFFT** [PS03]. **NFFT.jl** [KBG23]. **NI** [CGQ10]. **NICAM** [TGS08]. **Nicolson** [Mu97, WRSZ18, JlLGZ20, LPP09, Tie18]. **Nikodým** [Man99]. **Nine** [SY08]. **Nitsche** [CEP20, DFJS19, GSV20b, GSV21, LR12, Leh15]. **NITSOL** [PW98]. **NLEIGS** [GVMM14]. **No** [WWL25b, BEM94]. **Nobody** [HMRR19]. **Noda** [DL22]. **Nodal** [AM20, BFK05, CWD13, MMA98, MNP07, NX13, PSC+16, RU01, SF08]. **Nodded** [CCSS08]. **Node** [ACK19, DKS21b, LLHF13, MOSS17, SKF18, SK19, vdSF21]. **Nodes** [BMF12, Bog14, CW15, FF15, HT13a, Isa20, JM18, ZMS10]. **Noise** [BG10, BV16, BRW10, CC08, CGF21, FVV21, Gub96, GZ19, HLZ13, LKBJ18, LSN25, MO00, MW11, NT18, RW06, Vil14, WGT14, YZY09, ZTRK14]. **Noise-Tolerant** [LSN25]. **Noises** [GDLS14, MT97b]. **Noisy** [BTY08, HKL+22, Kus00, LS16b, LT09, LWZ24a, MT19a, SXXN22, SKJ+13, UWWP23, YGCP96]. **Non** [AM04, Bou01, CGL+13, CPV95, DFQ14, DTYY18, FS14, FGO20, GLR23, GGS19, GHL+23, GLMS22, GS14, GP96, KXH21, KPT16, KMR01, LRD+04, LZ16, MB13, NN18, RJLW20, Sta97, TY15, VYX16, bZOW07, FGN93, Fre93, YZ08]. **Non-**

[DTYY18]. **Non-Anisotropy-Aligned** [GHL+23]. **Non-Boussinesq** [LRD+04]. **Non-Cartesian** [DFQ14]. **Non-Coordinate-Aligned** [MB13]. **Non-equidistant** [bZOW07]. **Non-Galerkin** [FS14, TY15]. **Non-Gaussian** [AM04, GS14]. **Non-Hermitian** [CGL+13, GLMS22, KXH21, KPT16, KMR01, VYX16, FGN93, Fre93]. **Non-Iso-Homogeneous** [YZ08]. **Non-Isothermal** [RJLW20]. **Non-Lévy** [LZ16]. **Non-Newtonian** [FGO20, GP96]. **Non-Overlapping** [GLR23]. **Non-Self-Adjoint** [Bou01, GGS19, Sta97]. **Non-Selfadjoint** [CPV95]. **Non-Simply** [NN18]. **Nonadaptive** [SX16b]. **Nonadiabatic** [BG11, BGH19]. **Nonaligned** [BD99b]. **Nonasymptotic** [BHvST14]. **Nonautonomous** [QCJX21, ZT25]. **Noncentered** [DMBB10]. **Noncentral** [KB96]. **Nonclassical** [GI99]. **Noncoercive** [Bur13, Bur14]. **Nonconformal** [PL12]. **Nonconforming** [AWW19, BGPS21, BBD16, BH16, CDK19, CKY98, DFQ14, ISG15, KV20b, KV20a, Kan03a, KW16, MK24]. **Nonconservative** [CPPR12, DRFNP07, MEF09, WFG+20]. **Nonconstant** [MRFV18]. **Nonconvergence** [DHHR19]. **Nonconvex** [BZ21, CDI+25, GRMS09, HD15, KPP07, MV06, NWW97, QS08b, SWW08, ZWL+25]. **Nondegeneracy** [Ush01]. **Nondestructive** [JLZ16a]. **Nondifferentiable** [CGS02]. **Nonelliptic** [Yav98]. **Nonequidistant** [KBG23]. **Nonequilibrium** [KM98, SYY09, WFG+20, XZLX22]. **Nonequispaced** [KV12a, PP13, PS03, DR93b]. **Nonequivalence** [HLM16]. **Nonflat** [DQ22, KLLM22]. **Nonhomogeneous** [DRFNP07]. **Nonhydrostatic** [GRL10, GKC13, RG09, YC14]. **Nonhypercube** [WI12b]. **Nonintrusive** [EFHT23, FUNB18, FNR25, MKW23]. **NonInvasive** [MBVOT22]. **Noniterative** [GST19, KBV09]. **Nonlinear** [AIP19, AEFM17, AD20, ADKM03, ABF96, APSG16, AK17, ABR17, AM22, Ami94, AF22, ABK11, ADH99, AD07, AL97, AdSK19, ADGP25, AMV22, BLV18, BHL24, BK98, BK99, BJM03, BSHL14, BPR04, BM01a, BBM11, BEEM18, BB15b, BDKR21, BG17b, BLS14, BCF12, BF06, BK24, BF22a, BLR14, BS99b, BGR10, BC99, BM00, BGH23, BF24b, BMV13, Bur23, BFI07, BG04, CG18, CL11, CGKM16, CZZK16, CCG14a, CTB15, CGR14, CM09, CNP12, CGM99, CCJ07, CS10a, CBG16, CK19, CC19, CCA20, CL21, CN10, CW12, CH11, CSW10, DKDH20, DSB99, De 12a, DH21, DGK+16, DGY25, DGN25, DHO12, DL22, DCL+21, DGvdZ18, ESdP24, EGKS94, EV13, EFOS20a, EFOS20b, FMOS17, FBF15, FMW25, FF05, FSvdV98a, GJ17, GR05a, GLR23, GLL+15, GJP+14, GRPG01, GH02, GPW22, GCB15]. **Nonlinear** [GN19, GC19b, GTLSCDGR24, GMS02, GH14, GHKS14, GS97, GVMM14, GPT22, GKV24, GN07, HH02, HRP20, HL20, HKL23, HJ98, Hok17, HM20b, HKT01, HXB13, HLM16, HLL+22, IM97, ISG15, JK07, Jar19, JR19, KB08, KA95, Kea97, KZ00, KRR23, KPS+25, KLR14, KLR15, KLRU17, KM98, KLS08, KKT19, Kus97, KKK+25, LP13, LRW96, LV13, LU17, Lay96, LMW15a, LWZ17, LZ20, LZ21b, LE24, LW14, LMT18, LSM22, LSV13, LSZ11, LKK18, LHL+22, LYZ23, LRS25, LK04, Lui00, LCY+20, LCK21, LC23, MIS03, MO24, Mar94, MO00, MP08, MG12, MT99, OW00, OPR22, OPR23, PV23, PL03, PW15, PW98, PPT11, Pla98, PBV18, jQZ24, QFW22, RPK18, RWB25, RLM+00, Sai20, Sch03, SSBP24, Sem10, SHP07, SY18, SB05, Slo02, Sma04, ST23, SL24, SVX15, TW05]. **Nonlinear** [TWZ21, TP21, TWJ+23, Tra95,

VMM13, VC00, WS95, WL08, WBTG18, WHL18, WSH14, WB08b, WK03, WvdZSvB18, WWL25b, Xue18, YCHS25, YDF97, YYS16, YHC16, YZ07, YZ08, YD06, YHL19, YYY11, ZKN21, ZTBK18, ZZ04, ZX24, ZWL+25, ZzSpH14, ZRK15, ZCQQ21, dSGK+15, dWPR20, AGC96, AO93, Car93, Sar97, TR93].
Nonlinear-Programming-Based [KB08].
Nonlinearities [JKM14, SKP22].
Nonlinearity
[BV20, CL11, GM00a, Par24a]. **Nonlinearly** [BS25b, CK02, DH16, HYC16, LK21, YLY24].
Nonlocal [BDV24, CCKP21, CGV18, DTY20, DHZZ18, DCL+21, FK19, GDC+23, GML+21, KM97, KKS21, PJZ23, RAB+14, SDC24, WZF25, XJBS12, XJS13, ZMqCS21, ZZZ21, ZHDZ17, DHS22]. **Nonlocally** [LH19]. **Nonmatching**
[MLL13, RT01, WK03]. **Nonmonotone** [BDKR21, Toi96]. **Nonmonotonically** [TN16]. **Nonnegative**
[AALPC25, AHPG24, AN16, CIZ16, CL08, DHHR09, GW17, IL16, KP11, LD11, NSJ03, PNL+21, SX11, ZJX14, FS96].
Nonnegatively [BV03]. **Nonnegativity** [BH20, CXZ25]. **Nonnested**
[Cai95, GDX25]. **Nonnormal** [vD03].
Nonnormality [vBdB05]. **Nonorthogonal** [DGK98]. **Nonoscillatory** [BT06, CFR05, CV07, DB07, GR02, HKYY16, JT98, LN03, LT00, QS05a, QS08b, ZLS12, ZQ18, CCJ21].
Nonoverlapping [Den97b, LPP19, MRS04, PL12, RL10, RGG06]. **Nonparabolic** [DJP00]. **Nonparametric** [EMT09, ES00, HHM08, Hei13, LYLC17, Rei13].
Nonperiodic [LWZ+24b]. **Nonpolygonal** [And08]. **Nonpolynomial** [BB10].
Nonreflecting [LS02]. **Nonsmooth** [ABO24, BBSW16, BCK21, CZZK16, CKXZ18, HTMM15, IJT11, JLZ16b, KP12a, Kog24, Kra09, MV06, RSZ24, SYY24, HJ18c, LMM18, vLA21]. **Nonstandard** [BTT13, MS25, RU01]. **Nonstationary** [BTGH12, SMN10]. **Nonstrictly** [TW95].
Nonsymmetric
[BDD+97, BN05, BGL08, BBM11, BT98, BSvD99, BHT00, BMM+10, BCMM03, Bur13, Bur14, CJH11, CKD13, CS96, CKY98, ES17, EPV94, Fan22, HWD02, HZ10, Ips01, Jou94, Kas95, KOV15, Krz01, LM20, LZ99a, LSS03, MS07b, MRS18, MS19, MMRS19, MN11, PV95, Ruh98, ST08, SIS96, SG95, SvG08, Sta94, TT07, Ton94, Zha97, dDBV14, dSL05, CGS+94, DS93, ES96, ST94].
Nonturbulent [CBS00]. **Nonuniform** [Ain14, BBBV13, BGOD08, BMaK19, BB15c, CPG20, CKRS07, FCM12, GMSB16, NL99, RAT18, WEB25, Zen16, SR16].
Nonvariational [LP11]. **Nonviscous** [DDP25]. **Nonzero** [CXY10]. **Nordsieck** [Kul12]. **Norm**
[BM18, BPS14b, BLP14, BM00, BBR08, CKM23, GL08, GS98b, KA95, LLCW22, MS19, Meu11, Pic10, Yan18]. **Norm-** [GS98b]. **Norm-Type** [LLCW22]. **Normal** [AJS22, BBH+25, BPPR24, KM05, MO10, ST16b, VL10, WR13, YPN+01].
Normalized [BD04, BL08a, BTY25, CV25, LC21, TW13a, WJW21]. **Normalizing** [YWdCN+24]. **Norms**
[ACO98, ACCO00, FNNB05, GMO14, GG94, GG95, HS17, Hof04, KR00, RSNNR17, Ste00].
Note [ADGP07, CW16b, GK11b, GG95, Ips01, KW10b, LKK18, MGW00, QQSvdG01, SC03, WB99, Jin95, Tre93].
Notion [BYK05]. **Novel**
[CGDD11, DFS17, EKSS16, EOV05, FO08, GLR+16, GKK10, HNU23, HY10, HL17, JPPZ25, KSW20, Lee10a, LJ17, MFJ19, MTM08, QZZ19, TMA18, WWW25, Xu94, YTLI11, Yan21, Zha22b, ZLTA15, ZH21].
NR [CLQ12, CLW13]. **Nuclear** [LLCW22].
nuGPR [ZS25]. **Null**
[BN00, HHLW15, VD23]. **Nullspace** [Le 09, RG13]. **NUMA** [GKC13]. **Number** [AMHR13, AV25, Bja19, CKQ14, DLV17, FMW19, FH21, Fer98, GH15a, HR14, JP24,

KR17, KL15, LSW02, LX16b, MPV21, NH12, NBA+14, OBP+24, Pel18, SSDN12, SV08b, SV11, Ste11, TIP23]. **Numbers** [EL01, HL17, KV05, LFM22]. **Numerical** [ABBM98b, AB17, APZ13, ACY+20, ADKM03, ABH03, APvDG12, AE18, ACO23, Ama98, AIL05, AP97, AT19, AO17, Aru12, ADGP25, ACCP13, ARM23, BH00b, BL03a, BJM03, BS05d, BMTZ13, BBC+01, BW20, BN00, BBT24, BPB07, BGK15, BK08, BBKS20, Ber98a, BM05, BK04, BLM22, BCSS14, BI09, BCM15a, BN21, BK00b, BV09, BHT11, BBC07, BPT19, Boz09, BDV24, BKS25, Bre17, BBM+08, BTT13, BJ08, BRDQ24, BLL07, BGMW17, CG18, CGGP19, COZ96, CLMM00a, CKS01, CL10, CW22, CLPS03, CZK15a, CQ24, Car07, CM09, CRS+18, CP05, CGP12, Car93, CEOR18, CH08a, Cha07, CGK13, CGV18, CDF18a, CLAT10, CRS20, CS23, lCCVEKV17, CW06, CK98, CH09b, CG96, CFH19, CBF17, CK94, CHL16a, CHL16b, DO11, Dar21, DP98, DK11, DMMO05, DNP+04, DJP00, DL17, DHL+23]. **Numerical** [DLM16, DQQ13, Don06, DV98, DMM19, DG99, Du11, DHZZ18, DCL+21, DP16, Dur16, EL03, EP06, EF05, FGMP13, FGMP14a, Fai03, FTY15, FMM98, FL04, FY14, FR15, FMS17, FMR06, Fro12, GS16, GK00, GHHK15, GHTW00, GL24, GGK+04a, GMV99, GT06, GV16, GKD05, GGKM07, GMS02, GKT09, Gre03, GV07b, GX20, HRT10, HR25, HT13b, HM98, HBB+16, HKL+22, HHZ22, HKM20, HLP08, HRS19, HR99b, HC98, HHL07, HCW20, HHL15, HLM03, In99, Jam98, JK12, JMNS16, JSCB20, JLYZ23, JW05, JW13, JK21, JZ00, KB08, KP12a, KW07, KKN18, KKF11, Kla99, KLN20, KLZ22, Kog22, KS15a, KH18, Kon21, Kös07, KS15b, KWD22, Kov24, Kup98, KGT07, KM05, LQ19, Lan94, Lau22, LLP98, LL02, LZ17a, LG97, LMPQ03, LR20a, LS22, LL00, Li03, LGHL23, LB15, LO03, LLL08, LS09]. **Numerical** [LC05b, LP06, LSPRV21, LLS19, MR09, Man05, Mar94, MSW05, MP20b, McL95, Men94, Mic01, MT97b, MT06, Mis01, MZ94, Mit23, MRKS21, MS07e, MDC98, MHS98, Nas09, NWW97, NNH99, Obe13, PBP14, PS18, PL03, Pem93, PTT20b, Pic10, PABG11, Por01, Pup03, QNNZ19, QRV21, RPK18, RR98, RW06, SSW18, SRCG93, SBS98, SOTB21, Sei95, SCM10, ST25, SY10a, SP02, SO15, SKPD22, SKP22, SS25b, Ste01, SW15, ST11, TR93, TYZ19, TXZZ22, TVV20, Tim19, Toi08, TW17, Tou22, Tre97, Van95, Van00, VW98, VZA+23, VD23, VR14, WS95, WT23, WWY09, WDGK20, WWL+25a, WFG+20, WM93, Wen08, Wen10, WZF25, WP98, WKM+07, WS20, Wu21, XBC96, XKWY08, XK08, XS24a, XT06, YTLI11, Yan21, YZ07, YZ08, YP98, ZLLT15, ZD09, Zha18b, ZHY21]. **Numerical** [ZWWZ21, ZW03, ZCP06, ZYLW16, Zhe07, ZK15, ZHDZ17, ZS02, dCFC20, dlRGH+25, ABS96, BS94, Ber97, BH97, BGP94, CDH97, Rán93, RST93, PLVG+22]. **Numerically** [LRP07, LP08]. **Numerics** [ACF09, LWZ+24b]. **Nutshell** [HL98]. **Nyström** [ARS21, CSS93b, Cas05, CCC18, LW22b, PT99, Xia24, ZXH+24].

O [AGL10, HKA+21]. **Objective** [KHRvBW14, ten95]. **Objectives** [San10]. **Objects** [BCAG22, JL20, NW22, ZB12]. **Oblique** [EO16a, OPR22, TLLL23]. **Oblivious** [GST23, LFLS08, SLFL06, YB09, ZGG17]. **Observability** [KXZ24]. **Observation** [AC22, HKL+22, ZGA10]. **Observations** [Bur23, CYDK21, EN16, Har11, MT19a, NMFP16, YDK22]. **Observed** [JKLZ18, JKM24, LKBJ18]. **Observer** [BKS25, BDP96]. **Obstacle** [BCH12, MRW15, MZ94, NS06, RZ03, WW10, YY25]. **Obstacles** [GL24, LS09, AE95]. **Obtain**

[CAB04]. **Obtained** [BK11]. **occasion** [PS97]. **Occupation** [KTSB19]. **Ocean** [ADM10, HZXC16, KH14, NK13]. **Oceanography** [XBC96]. **Octahedron** [AB08b]. **Octree** [FS22, HHM07, SB10, WM11, HH11]. **Octree-Like** [WM11]. **Octrees** [BWG11, IBWG15, SSB08]. **ODE** [Ber00a, Bjø95, CPR11, FHFR19, GDB+22, GS97, HN22, HJ07, Lie93, LCJ96, ÖB05, SR97, SBND11, ZCS22, vd97]. **ODE-IVP** [vd97]. **ODES** [Bar05, CV94, AP97, BN13, EM96, EJL03, JS93, LZK17, Log03a, Log03b, NP25, SB98, ST22a, Tap22, Ver94, WE13, ZS14]. **ODES/DAES** [Bar05]. **Odyssey** [ABH03]. **Off** [HYW+25, LYZ20, SE13]. **Offline** [SW09, WCG23]. **Offline-Online** [WCG23]. **Often** [WS05]. **Ohta** [CGO22]. **Oil** [BMM98]. **Olson** [BEKK24]. **On-Line** [OS15]. **On-the-Fly** [TY11]. **Once** [lLN21, MPW18, YXTY24]. **One** [AKK18, AP01, AHR12, BLPP24, BT06, BFK05, COZ96, CM98a, CM25a, CGS02, CGV18, CC12a, FK21, GL21, GBCT10, GC19a, GT06, GV09, Haz08a, Haz08b, HC95, KS17, LS95, LZZ18, LQC23, LB25, Liv08, MR07, PMR16, Red99, SWX16, SV11, Sta07, SMR01, SJD14, Vil09, VS03, WLL+15, Wen08, Xu04, YHQ12, SS93a, DSZ13, Hes97]. **One-** [BT06]. **One-Dimensional** [AHR12, COZ96, CGS02, CGV18, GC19a, GT06, KS17, LS95, LQC23, Liv08, PMR16, SWX16, SJD14, Vil09, VS03, Xu04, YHQ12, LZZ18, LB25, SMR01, Hes97, DSZ13]. **One-Shot** [CC12a, Haz08b, Haz08a]. **One-Stage** [AKK18]. **One-Synchronization** [CM25a]. **One-Time-Step** [GV09]. **Online** [AF11, KR23, LPSB17, PW15, Peh20a, SBK18, SW10a, WCG23]. **onto** [Ama98]. **Open** [CWY23, HG96, LJL09, VS03, WC22, WSGT24]. **OpenCL** [DARG13]. **Operation** [CF07]. **Operations** [ASZ07, BTK19, BB09, JK12, KV13, MW08b, NTZ+25]. **Operator** [AN17, AWM+25, BBB14, BMWK25, BPS14b, BS16b, BZ21, BS06a, CCC17, CS18a, Che13, CDB13, CKO15, DHS22, DG16, DHO12, DY23, DMD+12, FRS19, FKK+14, GHHH17, GS18, GLQ16, GLQ18, HHLW15, HCH+24, KS23, LS24, LKH25, LTG22, LWW22, LWZ+24b, Liv08, MPRW98, MKW23, OZ25, Peh20b, PC98, QFW22, Rah00, RZ03, RSW10, RC23, Rub12, UWWP23, Wal24, WLZ18, WGS25, XZ10, YYWY18, ZB12, vGEV07, LLQ24]. **Operator-Based** [RSW10]. **Operator-Coarsening** [FRS19]. **Operator-Splitting** [GLQ16, GLQ18, LTG22, WGS25, LLQ24]. **Operator-Splitting/Finite** [LLQ24]. **Operators** [ARM+19, AWW19, AP19, AKTW25, BS96a, BT04, Beu05, BC02, BZ15, CW22, CDY07a, CKS25, CJ05b, CJ95, DZ15, Doh07, Elb06, FF15, Fu21, Gao23, GGS19, HDZ16, HCH+24, JML22, KH22, KX96, KFM25, LT21, LDX25, LW97, LORCG25, MC10, MZ24, NN18, ODN17, PTT20b, PS19b, Ree24, SRS12, SY08, DFK23, TCY25, TW03, TCDS21, TBH23, VR14, WH15, Win10, XL18, YR98, ZN16, Nat95, Nat97]. **OPT** [LCS+24]. **Optical** [BMW24, BIK02, CILZ15, GGPSV25, HPS08, KdS05, LC05b, OKdSG17, RBH06, RtTBAI21, SKMF15, YSS07, ZMqCS21, dSK11]. **Optically** [Lee10a]. **Optics** [Du11, GRPG01, QL06]. **Optimal** [AGR+20a, AMVR17, AA00, AAD11, APSG14, APSG16, AS18, AH20, AFS19, AFOQ19, AV21, AS93, ACLZ15, AC22, ALM22, AHHR16, BKGV16, BBMZ20, BGL06a, BW20, BBH18, BHvST14, BH11, BFK05, BG05b, Bli24, BK00b, BIK02, BvW09, BSM24b, BBO09, BCK+18, BF24a, CFZ25, CGR14, CF07, CWL+14, CK98, CCO11, CBDW15, CS10c, DHS22, Ded10, DZ12, DP07, DP19, EÜ09, ES18b, FB21,

FTNB24, FF15, FSV22, FD03, GS18, GXY15, dMGF17, GPS95, GM11, HRT10, HSB12, HRP20, HN06, HAS20, HM20b, HR99b, HCX22, HCL23, HLX23, IR98, Jac03, JWC21, JRGPR25, KB08, KKZ17, KLS+15, KPR25, KLLY20, Kla98c, Kny01, KALO07, KBD21, KL12, KT17, LPSB17, LSY+25, LSTY21, LdGK20, LLX15, LVR24, LLTY25, LW25, LYLC21, LTZZ24, MH17, MRS04, Mar01, MNS07, MP20a, MSS10].
Optimal [MCB18, MK08, MZDK22, MRW15, MPV21, MG23, MGH21, MDKN23, NRMQ13, Not00b, O'L01, OW02, OSS22, PWG16, PG22, PST15, PBtTB+15, Rav05, RDW10, RW11, RWA95, Rei20, RW13, RCC18, RCLO18, ST03, SStM23, SX16b, SK25, SP16, SSC+15, SCW+17, Sta07, SM07, SM15, SMM24, SBMR18, SW09, SW10a, SJD14, TO15, TWK18, TUV10, WZB+23, Wan07a, WBM+25, WG00, WG12, WL20, WCG23, Yam02, YXTY24, Yiu95, ZHBS25, ZWH+14, ZFwCW15, BDHS10, Cai93, DGHL12, Lin16].
Optimal-Transport-Based [MCB18].
Optimality [CCS97, Don06, GKS20, NM13].
Optimally [BS18a, BSU19, EOR24].
Optimization [AEMM16, AALPC25, AHT12, AOR18, ABIN20, ALM22, ADLW19, BCS07, BCMW20, BM18, BWB19, BPS13b, BPS13a, BGPS21, BMW24, BKR25, BLMS21, BG05a, BG05b, BF22a, BLVZ23, BH08, BFP22, BFR23, BPT19, BGR10, BHM+21, BK20, BMPS22, BDS20, BSS21, BLNZ95, CA16, CDGM24, CC12a, CJY16, CKXZ18, CLXY25, CDM+13, CSW10, DP17, DGM25, De 12a, DH16, DF10, DTR21, DKK+19, DMN08, Doh07, DFJS19, DS17, DGSW10, DW15a, DSL21, EKM94, EE14, EN16, EFOS20a, EFOS20b, EHLW20, FM16, FGH+08, GLL+15, GLxY19, GHHK15, GU17, GW20, GJ05, GHKF22, GLZ22, GM19a, GPZ17, GHN01, GJM94, GV07b, GKL08, GHKS14, HOY03, HM10a, HT13b, HSU21, HNU23, HS06b, Haz08a, Haz08b, HJ18b, HK03, HL19, HRS12, HKT01, HJL+19, HCL23, HGZ17, HMMS22, ISW18, KFR21, KSD10, KLST06, KS07, KLT16].
Optimization [KM16, KHRvBW13, KHRvBW14, KRT21, KSV16, KBP17, LCH09, LU17, LS13a, LN05, LZ23, wLxY00, LWZ13, LGC+23, LZG+25, LSN25, LGH+13, LNA+11, LORCG25, MPRS23, NWW97, NRO22, NLY23, PWF18, PFS21, PF23, PR09, Par17, PNP13, PSLG14, PDC99, PMSB12, PK23, PBC05, PC07, QGVW17, RP01, RL17, RG07, RDW10, Rei21, RBS25, SWW08, SWB16, SSW12, SV23b, SS25a, SPS18, SXXN22, SW17, SSJB17, SYY24, SU15, Sta24a, Ste16, SB15, Toi96, TTY16, VHSP20, VMV15, VLM22, WB08a, WRB+15, WYGZ10, WRS08, WH09, YHC16, YZZ19, ZKN20, ZZWZ14, ZDZ16, ZZSL25, Car93, DLG97].
Optimization-Based [ADLW19, BCMW20, BPS13a, KBP17, Rei21, SV23b, SS25a, YZZ19, HMMS22, ZDZ16].
Optimization-Constrained [LCH09].
Optimizations [HML+04, LSZ23].
Optimize [BSHL14, WBS+17]. **Optimized** [AKGK24, AdSK19, ADM10, BM01b, BC13, CBG12, CK94, DMBB10, DGGG09, DGK23, DKZ09, DGL+12, EDGL12, GMN02, GK12, GX16a, GZ16, GV19, GV20, GL25, GI17, GSV20a, HJN17, HKB21, IT09b, Jam98, LBHH22, LNS15, MHL+15, MM07, NTZ+25, OKD16, PKD13, QX08, SCGT07, SAB14, WMP24, XSWG23, ZSB16]. **Optimizing** [AB16b, Fie98, GRPG01, JLZ25, Kaw18, KKLS05, MHL+15, OPR22, PD15, Rán93].
Optimum [EHS19, Le 01]. **Option** [GMP19, IT09a, LZ16, RW07, WWH17].
Options [AO07, FO08, HY08, HFL11, IT09b, KL11, LFBO08, Mar03, OGO13, OGO16, RO12, Toi08, ZK14c, dFL05].
ORBIT [WRS08]. **Orbital** [DF21]. **Orbits** [CD06, DDF00, GM00b, LMR97, LCH99].
Order

[ACVZ12, AVZ13, Abg09, ADR14, AT20, AMMR10, AMM+10, AMM+11, ABM+13, AV14, ABMR11, ASR+23, ABdSF15, Ain07, AAD11, Ain14, AJ21, AP23, AGM+24, ABF96, ABHS22, ALLK15, ACG20, ABST13, AK17, AHT12, AV25, ALMR17, AABM13, AWW19, ADGM98, AD25b, ABIGG16, AF11, AT19, AD18b, ADK+18, AF22, AM20, ABMP22, AP12, AS06, AK04, AIV98, BBSW16, BCAG22, BBMZ20, BS05a, BHL24, BCR11, BM11, BT06, BOB+19, BBHJ21, BS05c, BR19, BGN07, BMF19, BHN25, BB15a, BB15b, BG21, BBKT15, BCI22, BCI25, BM08, BBF+22, BPR99, BT97, BBD16, BFS16, BF22a, BZ15, BLR14, BQRX22, BKS23, BV16, Bre17, BTT13, BLM03, BF22b, BSU19, BS18b, BGL06b, BCDE21, BLL07, CI19, CLMM00a, CLMM00b, CL10, CCJ21, Cao07, CR23, CCKP21, Cas05, CDK19, CS18a]. **Order** [CW18, CGV18, CMM00, CW15, CK15, CDF18b, CLAT10, CD15b, CYZ17, CS25b, CDI+25, CZ25, CCA20, CEP20, CMO10, CFJT18, CM99, CG07, CK94, DW97a, DW98, DM13a, DDLP25, DGLL21, DG09, DFN12, DL23, DW24, DKR12, DKK+19, DAE02, Doh21, DMRR19, DGP18, DCB22, DS16, DWQY19, DL20b, DMD+12, DK98, DKM14b, EO15, EO16a, EOR24, EG22, EG23, EG25, EIJH20, EHLW20, EIL01, FMM98, For06, For24, FL19, FK21, Fu21, GV19, GH07, GM17, GW15, GBCT10, GMvdV18, GG19a, Gia18, GM14a, GG19b, GMS21, GZYW18, GZW18, GZW20, GTLSCDGR24, GB06b, GPA18, GHL+23, GLT09, GM15b, GNPT18, GdLP+18, GM19b, GM23, GM11, GX16b, GLW18, GX20, GdSW25, GM04, GN07, HHT03, HO18, HW13, HSMT20, HKSS25, HL09, HZXC16, HO25, HLP23, HJ18b, HRT13, Hen05a, Hen06, Hir24]. **Order** [HPAS24, HO94, HO96b, HH11, HS01a, HMM+21, HMMS22, ISG15, ILK05, JBH20, Jam98, JK15, JK11, JlLGZ20, JLZ17, KM11, KP09a, KO05, KH22, KT05, KL05, KPL13, KZK17, KS20, KR11, KPS19b, KP22, KCB17, KW16, KP05, KS14, Kup98, KL00a, KPW17, KL11, Kye12, LO11, LP11, LZG20, LE10, LL22, LU17, LCS+24, LMMR00, LR20a, LM15, LMM17, LL00, LPR02, LG09, LLLX16, LD16, LZZ18, LYZ20, LP23, LQ24, LLTY25, LN03, LM14b, LM14c, LSZ11, LY14, LTW18, LGW19, LLZW19, LWW22, LB25, LZ25, LMRS21, LCR20, LX16c, MT22, MGG19, MO24, MNS07, MSL13, MC10, MRS14, MKW23, MW22, MRS16, MG23, MN18, MMA98, MS18b, MAK20, MWY17, MCV17, NHSS13, NN14, NS06, Not00b, OKdSG17, ODN17, Ols07, OR18, OKGG+23, ÖB05, PWF18, PL03, PT99, Par24b, PCFN16, PLVG+22]. **Order** [Paz20, PKD23, PKV24, PDA09, PSC18, PQR20, DHM+23, PP12b, PMSI21, PK23, PJ96, PN19, QS18, QS08b, RRR05, Rav02, RL10, RKLN07, RMC12, RM08a, Ros05a, RWX07, STCK21, San10, SDNL10, SBK18, SRS19, ST03, Say15, SPKB13, SKWK18, SV23b, SS25a, SHP07, Sha21a, ST25, SC02, SC98, Sta24a, SMM24, Str99, SJD14, SL24, SLZ+25, Tad20, TBH23, TT20, TVA02, TM14, TPB17, VC00, VVM12, VB07, VSBH99, VGOR20, VA24, Vil14, Vil15, WMC12, WGT14, WP19, WDGK20, WJW21, WLZ23, WSK99, Wen08, Wen10, WZF25, WMKK25, WMBT19, WM05, Win06, WS20, Wu21, WZ21b, WX21, XH15, XMRI18, XQX15, XH05, XS24b, YY18, Yan21, Yan22, YSS07, YCS16, ZBFN17, ZZK15, ZLLT15, ZS03, ZJC12, ZLS12, ZF14, ZFLB15, ZYSL15, ZSB16, Zha18b, ZHQ20, ZWP21, Zha22a, ZCS22, ZC24]. **Order** [ZFL25, ZFZ14, ZHS10, ZLTA15, ZV22, Zim14, ZPE12, ZBdAF20, dVM08, vdVXX19, AdWR17, Alu96, ABL20a, CSS93b, GY05, HKYY16, HO96a, LSM93, Pem93, She94, She95, ZMC94, Zha18a, ZzSpH14]. **Order-** [MSL13]. **Order-Optimal** [MNS07]. **Order-Preserving** [AWW19]. **Ordering**

[BT99, ÇAK11, DF21, GBDD10, HR98a, MKSG10, MM95]. **Orderings** [BSvD99, BT00a, BT00b, Day98, INS05, SO97]. **Ordinary** [Bre17, CP04, EM99, GH25, HV04, HJLZ18, IM99, KW15, KR12b, LLS13, McL95, NP25, RNR16, SB05, TSK09]. **Ordinate** [HHE10]. **Ordinates** [AKM14b, SH20]. **Orientation** [HH16]. **Oriented** [CPB13, CCH15, DMRR19, Gri95, GSS22, LW12b, LW14, PDTVM08, RL13, SCW+17, Wic17, WCG23, YXTY24, vdZvBdB10a, vdZvBdB10b, CABZ25, RG94]. **Ornstein** [BPB07, Bri24]. **Orthogonal** [AK04, Bar00, BF95, BF06, BL99, BL03b, BDMFSL04, CGGP19, Car10, CEHN08, CW16a, CP03b, CL23, CL24, CSZZ20, CBS00, CG10, CLN12, CRT11, FHH+18, FHP24, GL18, HM14, HLR18, IW14, JED10, KR23, KH00, KP12b, KMZ+25, LN23, LWZ+24b, Mit08, MDA22, MNZ15, Nap23, PNL+21, PDG20, PDA09, Rav02, RSSM18, Sun95, Sun96, SLC01, WGB97, WLL+15, Zie12, von97, ALT93, Bia94, Rag95]. **Orthogonality** [CJY16, FW24, GLxY19, HN20, HJL+19]. **Orthogonalization** [GHKL22, Sta97, Ste08]. **Orthogonalization-Free** [GHKL22]. **Orthonormal** [WO09]. **Orthotropic** [GL22a, LOL13]. **Oscillating** [AV25, Hir24, KSB11, WTWB09, Tsy97]. **Oscillation** [LP96, LW25, LLS22c, LLS24, dlRGH+25]. **Oscillation-Free** [LLS22c, LLS24, dlRGH+25]. **Oscillations** [LV20, LRP07, LP08, Pet05]. **Oscillators** [LK04]. **Oscillatory** [AKT16, CSS09, CCFG23, EY07, GASSS98, GN22a, HW14a, LL23, PHW19, RHW24, SBK13, Vil14, YP98]. **Oseen** [AOR18, BN23, BO06, HO25, HSS08, Le 09, LP22, Not25, OV07, SK25, Wab05]. **Osher** [CCS+19, LPP19]. **Osmotic** [WFAP15]. **Ostwald** [GM20]. **Other** [Bal00, BCF01, O'L01, SM17, SSBP24, ZW03]. **Out-of-Core** [ADL+12, RS99, AGL10]. **Outer** [GGGL10, GY99, GPZ17, OKdSG17, Saa93, AA14]. **Outer-Product** [AA14]. **Outlier** [VR16]. **Output** [AA14, CHMR10, CABZ25, MP08, NS21, Yan18, ZFLB15]. **Outputs** [CAG+19, PDH09, PN19]. **Over-** [MSM14]. **Overcoming** [EO15, EO16a, XS24a]. **Overdetermined** [DN13, ST96]. **Overlap** [AKA13a, Bre00, DW94, GMN02, GZ16]. **Overlapped** [SX11, WH95]. **Overlapping** [AD20, ABPW21, BJNN02, CPW15, CGM+21, CB22, CH94, DMBB10, FFSS13, GR05a, GLR23, HKR16, HKKR19, HHK19, HKK+22, Hen05b, Hen06, JP95, LJ19, LS05a, LWSP22, MLL13, Par24b, PZPR07, Pet99a, Pet99b, ST00, Wu99, YFCH24, Cai93, Goe97, Pet93]. **Overlay** [HS24]. **Overrelaxation** [HDOS23]. **Overresolving** [BSS17]. **Overset** [ABCH23, BCI22].

p [ST98, TBH23, BOF16, HK95]. **p-Multigrid** [TBH23]. **P-Version** [HK95]. **P3DFFT** [Pek12]. **p4est** [BWG11]. **Package** [GCM25, KMRW97, RTH17]. **Packet** [LQ19]. **Packings** [TGPK23]. **Padding** [BR11, LTZZ24]. **Padé** [GSS12]. **PageRank** [FLM+05, GGGL10, GK11b, LM05a, WWJ12]. **Pair** [Le 05]. **Pairs** [EH18, PT99, SS93a]. **Pairwise** [CKS25, LT21]. **Palindromic** [LWK+16]. **Panel** [RRR03, Rot96]. **Panels** [RRR05]. **Panich** [KL13a]. **Pantograph** [HXB11]. **Papers** [DSA23]. **Parabolic** [AB08a, AW20, AKTW25, AAII98, And16, AH09, BBC+21a, BEEM18, BC09a, BV20, BCF12, BF06, BF14, BvW09, BSM24b, BV16, BWZ10, BW09, CH09a, CDG17, CGR14, CS25b, CCG14b, DKO12, DGvdZ18, FMOS17, FH06, GN16, GPHHAPR18, GTLSCDGR24, GM19a, Gra14, GS00, GSS22, HLNS19, HVW95,

HV95, HJX23, JWC21, KK18, Kye12, LZ21a, LSTY21, LV13, LLW16, LSC18, LYZ20, LSZ11, LPP09, LW19b, MNS07, MSW05, MPRW98, MSS10, Moo00, NS19, PS11a, Pic03, PMSB12, QX08, RHL+21, SV08a, Slo02, Tou22, VV05, WG12, WvdZSvB18, Yu01, ZS02, ZFHS15, Bøe93, Cai94].
Parabolic-Elliptic [PS11a].
Parabolic-Parabolic [PS11a]. **Paraboloid** [ECH+23]. **Parachute** [KP06a]. **ParaDiag** [GP24]. **Paradigm** [BH00a, BL04a, DKK+19]. **PARAEXP** [GG13]. **PARAFAC** [SMYS21, KU18]. **Paragon** [Rot96]. **Parallel** [ABM+13, AKK14, AAB+16, ABB22, ADLR15, AAII98, ACD18, ABI00, BMP14, BMNV20, BMNV21, BDD+97, BDHS10, BDS98, BH00a, BL04a, BO07, BMaK19, BS98, Bar00, BPT+14, BPSV15, BSV19, BYL13, BDvdG05, BFG+16, BG05a, BG05b, BMF12, BK17, BBD18, BSM24b, BtVÇG+10, BTB05, BGMR01, BBR08, BG12, BRK16, BWG11, BHK20, CGK+98, CLGR25, CR16, COS06, CKL24, CV15, CGG+14, CC12a, CC06, Cho00, CP15a, CMO10, CHO12, CG93, CP95, CKLN98, CML+18a, CML+18b, CDFQ11, CFM98, DDF+21b, DGHL12, DKKP14, DYZC22, DBA19, DGR+17, DG99, DGvdZ18, Ema10, EKSS16, Ett16, FKMR19, FFK+14, FNL+19, Fie98, Fis19, FW97, FJP99, FR19, FSD24, GV07a, GG13, GN16, GHRR19, GLRS23, GP24, GKV00, GKM+17, GCB15, GM21, GAMV13, GG05, GM19a, GKRB16, GKS98, GKK10, Gri95, GKL08, GDL07, GR05b].
Parallel [GH97, HKR02, HHLZ21, HKA+21, HO15, HW14a, HKO99, HRT03, HIT19, HKR16, HRR23, HJ98, HW94, HL95, HJS99, HK00, HS06c, HWD02, Hen06, HSF07, HP94, Hig95, HLNS19, HKB21, HH16, HVW95, HKT01, HDF+19, HYW20, HGRW16, HPS22, IBM01, INS05, JFG10, JFSO23, JHJ12, JCL07, JP97, KVV23a, KU18, KAU18, KR06, KLRU17, KLW24, KMER22, KR22, KV12b, KWG+20, KRDL18, KHKL16, KZ16, KM19, KRS21, KW10a, LCBD07, LMR98, LHN96, LZ99b, LSN17, LYL+11, LC05a, LC08, LXdH16, LTzT21, LW22b, LT14, LKvBW10, LD11, Luu15, MKSG10, MMM+94, MXYB16, Mat95, MSM14, MSB+15, MLB24, MZW09, MvdM21, MFPG18, MDKN23, NS19, NvdP00, Nov23, Oet99, OW98, OKD16, OKF14, PS11a, Pek12, Pel93, PXYY16, Pip13, PP13, PELY13, PDMY14, PBC05, PC07, QWW25, QQSvdG01, RT10].
Parallel [RWA95, RT99, RGG15, RD21, SB10, SvdGP16, SM17, SR16, SWT00, SRT23, ST00, SC98, SV24, SO97, Sun96, SSB08, Ten98, TD99, TTMA22, TSM+25, TAHR15, UA04, UA07, WZ03, WHCX13, WiOH08, WMOZ22, WC17, Wu18, WL20, WZ21b, XB16, XA99, Xie05, XXZ20, XAKS23, YCHS25, YCZ13, Yan19, YSZ14, ZSD+10, ZK96, AS93, AM95, BDP96, DS93, EG93, Göt94, JP93, Lan93, MH95, OA93, PS93, RG94, Smi93, TW93, Wat94, AA14].
Parallel-In-Space-Time [DGvdZ18].
Parallel-In-Time [HDF+19, KM19, WL20, GLRS23, GM19a, HW14a, KRS21, WZ21b, LW22b].
Parallelism [ABB+16, BDO12, CBHB19, Min02, PQOB14, RNR16, YS16].
Parallelizable [GLxY19, GHKL22, GSW+25, HLTT97, NT18]. **Parallelization** [BG17a, BDV25, GLSTV16, PTSA23, Til15, WZSL12]. **Parallelizing** [HvdG96].
Parameter [AHDK14, BGL06a, BP97a, BCJ+21, BFN17, BE24, BU15, BF22a, BM00, CHL20, CMK11, CCLZ25, CBS00, CBG+19, CJK10, DLNW24, Fu21, FR19, GJ05, GN19, GG18, GJM94, GGKM07, GCB04, GM00a, GK13, HR96, HCRT13, HC21, Isa20, IJT11, JKLZ18, JSZ22, KZ00, KPS19a, KP21, LS16a, LMW17, LP22, LM17, LWG10, MS13, MG23, MDG+18, PN25, PLT+21, Reg96, RW13, RTH17, SPKB13, SB05, TP18,

TUV10, WE13, Wei99, Wel17, WRBC24, Yan18, YR12, ZN16, ZTM+16, Liu93]. **Parameter-Choice** [CMK11]. **Parameter-Dependent** [BFN17, CCLZ25, CBS00, GN19, KPS19a, PN25, TUV10, ZN16]. **Parameter-Free** [Isa20]. **Parameter-Robust** [KP21, LMW17, LP22]. **Parameter-Separable** [MG23]. **Parameterization** [LMR97]. **Parameterized** [ARM23, BBBG11, CZ25, CGI11, CW12, CJS23, EF15, GLT09, JY21]. **Parameters** [CCPS20, DD12, EHN12, GK12, HSB12, Jac03, JG02, KS15b, LLCW22, LM14b, O'L01, PDC99, VR16, YGS+21, DG95]. **Parametric** [AH17, ABdSF15, AF11, ACW12, BL23a, BGN08, BPS14b, BS16b, BTWG08, DG20, Dua24, DL24, DKS21b, EFHT23, GYZ24, GJSZ25, GU17, GLMN15, GY09, GM23, HHM07, HRP20, HMMS22, JSZ24, KS11, KK25, LQR12, LS13a, LKH25, MO24, MKW23, PV25, RBG23, SS25a, TZ14, TB02, YXTY24, ZJB20, dSGK+15]. **Parametrization** [SM15]. **Parametrized** [AH20, BKGV16, BSU19, CdSG21, DDMQ18, DLY14, Ded10, DHO12, EPR10, EOR24, GV12, HKO+23, IA14, JX13, NRMQ13, SEKR24, SZP19, SBMR18, TMD24, ZFLB15, Zim14]. **PARAOPT** [GKS20, BSM24a]. **Parareal** [AKT16, DM13a, GV07a, GJSZ13, GKRNS19, GJS19, GKS20, HWZ19, JLZ25, LLS13, LLS22a, MGB18, MSS10, PHW19, PTS23, PTSA23, RHW24, WZ15, Wu18, YWW23]. **Paraxial** [CJ95, QL06]. **ParELAG** [KVV23a]. **Pareto** [vdBF08]. **ParILUT** [ACD18]. **Parity** [BLM03]. **Part** [SKPD22, SKP22, ABBM98a, ABBM98b, ABC00, ABL20a, BGK15, BSX22, BS23a, BG05a, BG05b, BTGMS13, Bur13, Bur14, BS23c, CML+18a, CML+18b, CHL16a, CHL16b, DSZ13, EO15, EO16a, GM17, GOS12a, GGS08, GS02a, GS02b, KGGS10, LRP07, LP08, Lee10a, LNZ19a, LNZ19b, MK24, PMSG14, Red99, ROO08a, ROO08b, Sta07, SM07, YZ07, YZ08, dSL05]. **Partial** [ACLZ15, AW15, BCS07, BJNN02, BBH18, Bea20, BHW99, BOPGF06, CG18, CB98, CCG14a, CHWY23, CCL+24b, CCG14b, CRV13, DL19, EPR10, EF15, FBF15, FMRR13, FWA+11, FK25, FGH+08, GLT18, GPZ17, HHS+16, HJ98, HO94, HO96b, HVW95, HV95, HRS19, HHL07, HG00, HV04, JBH20, JLM25, JSC24, KXZ24, KKN21, KLR15, LL17, LU17, Lee09, LMW15a, LE17, LCD18, LPR98, LJ17, LZ20, LLSX21, LZ13a, lLN21, LCJ+20, LCH99, MR09, MGG19, MGB18, MB00, MPW18, MKW23, MSK25, MTBT17, Pul08, QFW22, RPK18, Rim18, RWX07, Sch98, SDC24, ST23, TX24, WH13, XS16, XC13, XAKS23, You94, YR12, ZHL21, bZOW07, AGC96, EL93, FGM95, Gre93, HHRV93, Wri93]. **Partially** [AHT17, BK04, JKLZ18, JKM24, JBL18, LW22a, SX11, DLG97]. **Particle** [AdWR17, AE18, BKK18, BP13a, BBM+08, CP13, CYDK21, CLK18, DEM+20, FDS13, GH15b, Gon15, GCR16, GC17a, GS00, GS02a, GS02b, HHLZ21, HVW25, JKM24, JLXZ21, KKP14, KCZ15, KRW20, KO17, KR21, KS24, Kus00, LHL12, LZG20, LXZ23, LKBJ18, MW03, MCV17, PW12, PKS21, PCL+16, PMR16, PP13, PKA22, SRS12, Sch09, Sha21b, Sha03, SC02, Str00b, TKCC13, TK13, WMC11, XS24a, YDK22, YCN21, McG95]. **Particle-in-Cell** [HHLZ21, KCZ15, MCV17, PKS21, WMC11]. **Particle-Mesh** [CLK18]. **Particle-Partition** [GS00, GS02a, GS02b]. **Particles** [BLVZ23, LL22, Ste11]. **Particular** [Bet08]. **Partition** [AD18a, AD19, CD15a, DFW21, DFW22, FFSS13, GS00, GS02a, GS02b, KO17, KWG+20, LSH17, LCL18, Mir21, SU25, Sch09, Sch13, ST23, YSZ14]. **Partition-Based** [KWG+20]. **Partition-of-Unity** [SU25]. **Partitioned**

[BS25b, HP94, Jay98, RM08b, SBHS19, Zbi11, CS97]. **Partitioning** [AKA19, AKA13b, AA14, BH17, tVÇAU10, ÇAK11, CCS97, CQZ17, DS00, EGLS21, GKM+17, GC16a, GMT98, GMBR24, GS05, HL95, HK00, HÖU+19, KXH21, KK98, KPÇA12, RP01, SDNL10, SMR16, Ten98, TMA18, TTMA22, UA04, UA07, VSS14, WC00, WZSL12, XA99, YB09]. **Partitioning-Based** [ÇAK11]. **Partitions** [AGR+20a, BBO09, Che05, OWO14, SRI+18, Wan22, ZSD+10]. **Parts** [AWW19, BZ15, DZ15, HZ11, HDZ16, MZ24, NN18, NL16, ODN17]. **Pass** [Bja19, CCF14]. **Pass-Efficient** [Bja19]. **Passage** [AM05, Lan94, HT16]. **Passing** [BS98]. **Past** [NH12]. **Patch** [BRK16, CGBKS25, LSY19, LY20]. **Patchy** [CCFP12]. **Path** [CDK21, CZ22, FK00a, HS99a, HW14b, HLZ19, KB08, Kaw15, MZDK22, PR09, RP01, TVV20, Wal99, WC22, ZWL+25]. **Path-Conservative** [CZ22]. **Path-Constrained** [KB08, RP01]. **Pathologies** [WTP21]. **Patient** [LQC23]. **Patient-Specific** [LQC23]. **Pattern** [BCFJ19, GL24, HKT01, JF11, KSHMC23, KV13]. **Patterns** [Cho00, LCBD07]. **PBDW** [MT19a]. **PC** [CML+18b, Gri19]. **PCA** [CSB+18]. **PCBDDC** [Zam16]. **PCG** [NSJ03]. **PDAE** [MB02, NP08]. **PDE** [AB08a, AOR18, ALZ14, BPS13b, BG05a, BG05b, BG20, BF22a, BDS20, BSS21, CDF18a, CPR11, EN16, FHFR19, FR19, GW20, GM21, GGOY02, GLZ22, GV07b, GHKS14, HBG25, HL10, KM18, KHRvBW13, KHRvBW14, KRT21, LSPRV21, LORCG25, MRL+17, NMFP16, NLY23, PWF18, PST15, PMSB12, PBC05, PC07, QGVW17, Rak21, RHL+21, RDW10, RSZ24, RDB16, RBS25, RTH17, SK19, Smi97, SYY24, SB15, TPQD22, VLM22, YHC16, YZ05, Yav93]. **PDE-Aware** [TPQD22]. **PDE-Based** [BG20, NLY23, RSZ24]. **PDE-Constrained** [BSS21, GW20, GHKS14, KHRvBW14, KRT21, SB15, PST15, AOR18, BPS13b, BG05a, BG05b, BF22a, BDS20, EN16, GV07b, LORCG25, PWF18, PBC05, PC07, QGVW17, RDW10, RBS25, SYY24, VLM22, YHC16, GLZ22]. **PDE/Linear** [KM18]. **PDES** [LM00, ABHS22, ABBT+20, AAII98, AF22, ABE+17, ADS21, BBK21, BPPR24, BBC+21a, BBH24, Bjø95, BV16, BWZ10, BWZ21, Cas02, CLLW20, CMZ+24, CLXY25, CL18c, CFH19, CGF21, DO11, DDMQ18, DMMO04, DRW20, EL20, EFHT23, EV13, For24, FMR06, GYZ24, GV19, GU17, GPW22, GM14a, GLSTV16, GTLSCDGR24, GM19a, GS00, GSS22, GS21, GM23, GMPZ06, HKO+23, HG98, HW15, HW14a, HCRT13, HLP23, HO96a, Hol99, HYW+25, ISS19, JTZ08, JWC21, JGZ06, KK18, KT05, KS11, KRGO19, LSH17, LKH25, LZ01, LK21, LWZ+24b, LNS15, Lui00, LW19b, MS17, MNS07, MNvST13, Mir21, MN18, MNZ15, OX17, PHW19, RKvdDA14, SRM+15, Sem10, SKPD22, SKP22, TWYZ20, TV98b, VV05, WG12, ZGK20]. **PDF** [BK04, CVK13]. **PDF/Monte** [BK04]. **Peaceman** [CHKM13, CLST03]. **Peak** [San10]. **Peano** [WM11]. **Pebbling** [SV23a]. **Pedestrian** [Cha07, GM13]. **Peer** [KW10a, KW15]. **Penalization** [EKSS16]. **Penalized** [Lau22]. **Penalty** [AP23, BLP14, BB08b, CMS17, EFOS20a, EFOS20b, GLS24, GvdV17, Hes98, HR99b, KV20b, Kla98b, Kla98c, PEC+14, WWY11, WMHK19, YJ13, CGP93, HG96, Hes97, LCW95]. **Penalty-Based** [YJ13]. **Pencils** [FSvdV98b, MW01, Ruh98, XAKS23]. **Peng** [FKQS17, KSW20, QS14]. **Penning** [Hir24]. **Pentadiagonal** [GM21]. **Percentile** [BBC+16]. **Perfect** [ABL+20b, HMRR19, LLLL24, YWG21]. **Perfectly** [AKLP10, AH09, BHNPR07, CM98c, Dur16, HPAS24, LXYZ23, Luo19]. **Perfectly-Matched-Layer** [LXYZ23]. **Performance**

[AWM+25, BS07, BB17, BDJ05, BMWK25, BBK+25, CPV95, Cas02, CMV97, CDPC13, DMPV08, DHHR09, EKM94, EG93, FFMT96, GH15b, GV15, GRS+15, GG10, Gup17, HLD12, HJ18a, IHTR12, IFSJ21, JMNS16, KW18, LRS25, LNA+11, Mat18, PKV24, PPB13, PDE+17, PF94, RZTK+15, RZTB22, Rot96, SLvdGK14, SRS12, SV23a, SH14, SC98, TGS08, Van20, WRS17, Yan19]. **Performance-Based** [JMNS16]. **PeriDEM** [BL23b]. **Perimeter** [DDE+20]. **Periodic** [AP14, Bad21, Bit99, BR18, BN21, BCD+25, BBT11, Coa12, CD06, DLY16, ELtHR00, GJSZ13, GM00b, HJMS07, HSSZ09, Kog22, KL12, Kon21, KRS21, LZ17a, LR98, LLLL24, MBGV16, MS20, Pol25, PMSB12, SSH06, TP09, TS24, WJMT15, XYGO01, XL20, ZZ18, Zha18b, Zha22a, BR95, Pet93]. **Peristaltic** [BLVZ23, TR93]. **Permeability** [AM22]. **Permeable** [BLPP24]. **Permutations** [May08]. **Permuted** [SSR+22]. **Permuting** [AKA13a, APÇ04]. **Personalized** [GDB+22]. **Perspective** [BQW23, HSU21, KKZ17, LW25, WMP24]. **Perturbation** [EH18, Kon21, LSG24, LY98, TT96a, VXCB16, Yav98, Gar96]. **Perturbations** [BBC07, ES18a, SHP07]. **Perturbative** [CL23]. **Perturbed** [ADGP07, BKMRB21, BHK+24, DLTZ06, EMT09, GaP08, HKM20, KH18, Kon21, LZ17a, LLS13, LH19, MM13, Meu01, OW98, PFRS24, ST00, WO98, XYZ12, XYZ22, ZLG98, Zha18b, Zha22a, FCR93]. **PET** [RKW20]. **Petascale** [BBH+16]. **Petrich** [JJCX24]. **Petrov** [BDGK18, Bøe93, BSU19, CC19, HHSY22, KZK17, LZK17, Mor23, PTT20a, ST08, SS10b, Yan14]. **PETSc** [HKA+21, KALO07, LMKG16, Zam16, ZCS22]. **Petviashvili** [KR11]. **PFASST** [MSB+15]. **PFFT** [Pip13]. **PGD** [ARM23]. **Pharmacodynamics** [AWA+18]. **Pharmacokinetics** [AHDK14]. **Phase** [AHR12, AHT17, AGPR19, BCT05, BH11, BWB19, BBKW19, BFSN08, CS94, CLL20, CCC17, CLDS19, CCER12, CL97, CLNZ16, CCRT21, CS18b, CDB13, CG96, DZ08, FTY15, FL08, GHMY18, GHHK15, GZYW18, GZW18, GX16b, HHW00, JJCX24, JSCB20, JWH08, KSMM18, KS15b, Ld12, LR12, LQ24, LL20, LW20a, LQZ22, LXS+08, LCK21, MK96, MCV17, PT99, PP12a, PV15, QS14, SY10a, SY14, SXL+22, SO09, TYZ19, TK13, WW22, WC03, WMC11, WMC12, Wic17, WGF08, Xu23, YYS16, YY18, Yan21, ZHY21, dZHY23, ZHY24, ZHS23, LV94]. **Phase-Field** [CCC17, CS18b, FTY15, LW20a, PV15, SY10a, SY14, SXL+22, TYZ19, WW22, Wic17, Yan21]. **Phase-Flow** [JWH08]. **Phase-Lag-Order** [PT99]. **Phase-Space** [CCRT21, MCV17, WMC12, WMC11]. **Phased** [JL19]. **Phaseless** [CGZ24, JL19, NHZ25]. **PhaseLift** [HGZ17]. **Phenomena** [CM09, EW00, GLT18, OPRB06, PQR20, RSSM18, Str99, WG00]. **Phenomenon** [AS21, Ban08b, Pir16]. **Phillips** [FM99]. **Phonon** [TSM+25]. **Photochemical** [VSBH99]. **Photonic** [Fli13, HLM16, TLLL23]. **Physical** [FCF19, GR04, HLG24, MS04, OPRB06, SG04, dBMZ11]. **Physically** [DTY20, JZD25]. **Physics** [ASR+23, BB17, BS04, CYDK21, GGK+04a, HL10, HKD13, HJKK22, HJZ24, HYW+25, HZKK25, KKKK24, LPY+21, NK13, OCY+25, PLK19, PFRS24, TP21, WTP21, WFG+20, YZK20, YZL20, YTT21, YDK22, YY25, ZGK20, ZCT24, ZHS23]. **Physics-Aware** [YY25]. **Physics-Based** [NK13]. **Physics-Informed** [CYDK21, HJKK22, HYW+25, HZKK25, KKKK24, LPY+21, OCY+25, PLK19, PFRS24, WTP21, YZK20, YZL20, ZGK20, ZCT24, ZHS23, YDK22]. **PIC** [TKCC13, HHLZ21]. **Picard** [LM17, LR98, PMSB12]. **Picard-Based** [PMSB12]. **PICIN** [KCZ15]. **PIDEs** [LGYZ24, WWL+25a]. **Piecewise**

[AHH06, AC95, BF22a, BC08, BC09b, CCS+19, CSW25, DZSN09, DG17a, HCRT13, Hel11, JKM24, KD20, LNS96, LCL18, Mar94, Ser06, SL09b, SW10b, Wil09, vdDA12, Atk94, Bia94]. **Piecewise-Global** [BF22a]. **Piecewise-Smooth** [CSW25]. **PIFE** [HHLZ21]. **PIFE-PIC** [HHLZ21]. **Pine** [WP98]. **Pinhole** [IJ08]. **PINL** [LC23]. **PINNs** [GYZ23, LSY+25, SYY24]. **Pinwheel** [GVP06]. **Pipe** [Egg18]. **Pipeline** [BCT05]. **Pipelined** [CRS+18, SSM16]. **Pipelining** [KO19]. **pISTA** [STY24]. **Piston** [DL20b]. **Pitaevskii** [DK10, DP17, PQR20]. **Pitching** [GSW17]. **Pitfalls** [AR99, BP97a]. **Pivoted** [KO99]. **Pivoting** [ADGP07, BMP25, DG17b, DHL20, GDL07, GCD18, MOHvdG17, QOSB98, EL93, Wri93]. **Pivots** [May08]. **Pixels** [HLMR96]. **Placement** [MPV25, WCG23]. **Plain** [GLL+14]. **Planar** [Bar14, Bea20, EL01, EL03, GGM01, JLY08, Kog22, LC05a, LC08, MCT+05, OR18, OR24, SS24, ZD19, ZFL25]. **Planck** [LM05b, LWW20, AB21, CK17, CYDK21, DKO12, DCL+21, EBK25, GM20, HHZ22, HZKK25, HS21, KP10, Kus00, LP25, LMM18, LY14, NQE25, XL20, ZLTA15]. **Plane** [BM11, BR14, CDKL22, FG23, HY14, HZ16, HL17, HSSZ09, LDM00, MCB18, MK96]. **Plane-Wave** [CDKL22, HY14]. **Planet** [KY14]. **Planetary** [LP08]. **Planewave** [PATF19]. **Planning** [EKM94, MZDK22, ZWL+25]. **Plasma** [HHLZ21, HBJ04, HL10, KM98, PH13, SNB08]. **Plasma-Material** [HHLZ21]. **Plasmas** [WMC11, WFG+20]. **Plastic** [LXK08]. **Plate** [BMP22, GSV18, LS94, MT22]. **Plateau** [AS21]. **Plates** [DGY25, GSV21]. **Platform** [DTT+16, NKTY08]. **Platforms** [AKBM21, GCB15, OAA20]. **PlayStation** [NKTY08]. **PLSS** [BS23b]. **Plug** [BWB19]. **Plumes** [PL06]. **Plus** [HSTH18, TVV11, VD10, CN93, NP10]. **PML** [BLYZ24, GL22a, PDTVM08, WWW25]. **PML-BIE** [BLYZ24]. **PML-Type** [WWW25]. **PNKH** [KFR21]. **PNKH-B** [KFR21]. **Pockets** [Par23]. **POD** [BBH18, GXZ21, LV13, SPKB13, TVV11]. **Poincaré** [LDS11, Nat95, Nat97]. **Point** [AHPG24, ACCO00, And99, BSSW13, BHT09, BNP15, BM01b, BCK21, BKMRB21, BORTP19, CWC08, CZ13, CM15, CD01, CWY17, CSW10, CFM98, DH03, DFH+19, DTV13, DW05a, DGSW10, Drm97, DS16, EG18, FTNB24, FO19, For06, FDH+20, FB19, GV12, GM25, GHKS14, HM98, HP19, HDOS23, IM98, JL20, JBL18, KBV09, KS94, KK02a, Kla98b, Kla98c, KM16, KMT24, KOV15, Kri25, Krz01, KNV+16, LW19a, LG97, LR20a, LZ13a, LO03, LSS03, LW04, MR09, MM25, MHR20, PKV24, Pla98, PBJ+96, RG07, RH09, ROO08a, ROO08b, SBK18, ST14b, SY08, SW15, VC00, Van00, Ver96, WLE+00, WLZ18, WW03, WJS23, ZG23, ZMK17, ZYZ05, ZH09, ZW16, dSO21, dMHJM00, Hig93]. **Point-Clothoid** [FB19]. **Point-Like** [JL20]. **Points** [AS16, BLS14, BR14, BFR23, CDI+25, Der08, EÜ09, GK12, GI17, Gro02, GNYZ18, JRGPR25, KL15, KM05, LCH09, LCS+24, LP24, LZ01, LZ02, MRSS14, MR18, PHJ11, PDG20, SL20, SX16b, Swa02, TT06, XZ14, YZ05, YZZ19, ZZ16]. **Points-Based** [MR18]. **Pointwise** [AFOQ19, Cai95]. **Poisson** [AL99a, AIV98, ABI00, AO93, BCR11, BG10, BMF19, BKK+21, BK10, Bur97, CCM05, CI19, CKS01, CGC21, Cha18, EL18, EG01, FDS13, FG23, GH18, GMSB16, GHST98, GDX25, HC25, HJZ24, HS21, JLYZ23, KRW20, KO13, KKK+25, MCV17, QSM19, WMC12, XL20, ZCQQ21]. **Poisson-type** [AO93]. **PoKiTT** [YS16]. **Polar** [CSW25, For95, LWCL03, TWW16, WTW17, ASS16, She97]. **Polarized** [ZND18]. **Pole** [CR24, DLY14]. **Poles**

[BM01b, Men22, RM08a]. **Policies** [GKP24]. **Policy** [AFK15, LGY+23]. **Pollutant** [MDA22]. **Pollution** [FL19, PC07]. **Polyalgorithmic** [EGKS94]. **Polycrystals** [BEG+08]. **Polygonal** [ABMP22, FDFW07, GL24, HRS19, HJZ24, LTW18, Tal15, TC12, ZF14, ZP18, ZP20]. **Polygons** [AORW20, BT03b, BB10, BF06, Wan13]. **Polyharmonic** [AGI10]. **Polyhedral** [ABMP22, SSVW17, XD21]. **Polyhedron** [ECH+23]. **Polylog** [HVW95]. **Polymer** [HL19]. **Polymeric** [KP10]. **Polynomial** [AD18a, AD19, AC95, AVW13, Bar00, BG21, BWS20, BKS25, BF24a, BDW11, Buv21, BS23c, CR16, CF23, CAS11, CJGX15, CXZ25, CTU25, DGS08, DNP+04, DEV16, DG20, ELM21, FF24, FUNB18, FEL18, FÖ21, GI17, GC19a, Gre03, GNYZ18, HL10, HC18, JNZ17, JP16, Jou94, KK18, KS19, KOSB16, LP25, LL03b, LHN96, LXV+16, LLWxY20, LMW15b, LCL18, LWZ+24b, LK04, MNvST13, Mor23, NX13, PSDF12, PH16, Por01, RV22, ST22a, SD10, SV11, SM15, TVV20, VZA+23, WK06, WSX17, XK02, YH19, ZCK12, ZH21, FF94]. **Polynomial-Degree-Robust** [CF23, DEV16]. **Polynomial-Filtered** [LLWxY20]. **Polynomials** [BMF12, BT19, BDMFSL04, Car10, DP09, DAE02, Goe94, HKYY16, KT15, Kei09, KP07, LX08, Lin06, LN23, PGSO24, PDA09, UW94, Win06, She94, She95]. **Polytopal** [MV21, MYZ21]. **Polytope** [CL08, GS19]. **Polytopic** [AFRV19, DGK21]. **Population** [AWA+18, DKDH20, Kim05, KW10b, PSB+06]. **Poro** [ABMP22]. **Poro-elasto-acoustic** [ABMP22]. **Poroelastic** [AGH+20, GSW+25, LOL13, LO14, Lem16, SCC17, ABB23]. **Poroelastic-Fluid** [LO14, Lem16]. **Poroelasticity** [AHH+23, AM22, AD25b, AdWGV+20, AKMRB22, BBKT15, KP21, KLL+23, LPMR19, PLT+21, ZXY21]. **Porohyperelastic** [SOTB21]. **Poromechanics** [BOKCW20, FCF19]. **Porosity** [AHT17, HQH+16]. **Porous** [AE08, AB17, AD18b, AFRV19, AHR12, AGPR19, BC09b, BEM17, BHR23, BKBT18, CFGM11, CLDS19, CDF18b, CYHY24, CDB13, CCH15, FHR14, GYZ11, GJP+14, GY17, HRvdZ22, JMN01, KWD22, LVWW03, LE10, LY98, LRGO17, LCK21, MJR05, RJLW20, Slo02, TTSM08, WLE+00, WZET13, WPT17, YYS16, ZT17]. **Port** [CBG16, LSM22, MNU23, RW97]. **Port-Hamiltonian** [CBG16, LSM22, MNU23]. **Portability** [PDE+17]. **Portable** [AWM+25]. **Portioned** [PYSG13]. **Posed** [BLZ25, Bur13, Bur14, DDP25, HvBW23, JLM25, KO99, Lan10, LM17, NM13, Reg96, RS02, TO15, VW94, FCR93, HR96, HO93]. **Position** [vSRV11]. **Position-Dependent** [vSRV11]. **Positioning** [CP03b, KKZ17]. **Positive** [ARS21, AJ22b, BGLY05, BGM13, BM08, BKR25, CV25, FEM08, GLMS22, HM10b, HP21, JFG10, LFH19, Lan19, LL98a, Lu95, MV00, MB99, Ng00, Pla15, PS01, ST14a, SO18, VSS14, WS18, Zha96, ZLWZ18, FS96, FF94]. **Positive-Definite** [BGLY05]. **Positivity** [ABR17, CZ22, CLTX15, DW24, DQ22, GW15, LLLX16, LGW19, PH13, QS18, Sha21a, Sur00, UW94, WX21, YCS16, ZHQ20, ZC24, ZC25, vdVXX19, HS21]. **Positivity-Preserving** [ABR17, CZ22, CLTX15, DW24, DQ22, GW15, LLLX16, QS18, Sur00, YCS16, ZHQ20, ZC24, ZC25]. **Possibly** [Hei13]. **Post** [Gee19, RSA05]. **Post-Processing** [Gee19]. **Postbuckling** [DP03]. **Posterior** [BSHL14, VBA18, WBTG18]. **Posteriori** [ABF99, Ain07, ALT24, AOR18, AOS20, AKMRB22, ATK12, BPS14b, BDW11, CP04, CP03a, CK03, CP07, Cha18, CRS21, CF23, CCH15, CWG10, CHH01, CPB19, CDS24, CSW14, Ded10, DHL20, ELW20, GSV18,

HM20c, HWZ21, JSV10, KS99, LU17, MW22, MPV21, PS10b, VA24, WW22, WWY11, WRSZ18, WLLZ18, WBTG18, WCL+21, WW10, WSH14, WvdZSvB18, Zha20, ZHS10, BBT11, DEV16, EV13, EMT09, Hof04, Sch03, TW13b].
Postprocessed [Vil15]. **Postprocessing** [ABCP08, CKRS07, DK98, MT22].
Potential [AB21, BS06b, CGK+98, HM98, HA17, HR98b, LZ17b, MRT00, NKLW94, PS19b, RLM+00, WK18, YJXZ22, aKT18, WM93].
Potentialities [MM98]. **Potentials** [Bar14, BWV15, CKK20, CMZ19, CIZ18, CJ05b, DLY16, DL20a, Far01, GJ07, GKD24, HJMS07, LG09, MT23, OSU10, Sha12, SS24, XYGO01, ZV22]. **Potts** [STY21]. **Powder** [GLL01]. **Power** [ALRT17, CL21, DSC05, DY23, LW20b, PBV18, TW17, YPHH17, CW93].
Power-Law [TW17]. **Power-Like** [CL21].
Powers [KKK18]. **Practical** [CDKL22, GP16, GLL21, Ruh98, SH01, Sun93].
Practice [CDW14a, CDW14b]. **Prandtl** [Pup99]. **Pre** [Gee19]. **Pre-** [Gee19].
Preasymptotically [Peh20b].
Precalculated [RY03]. **Precision** [BKMR25, BHL+20, BMP25, CHP20, CK23, CCL25, EFFM25, Geo25, GSM24, GJMM24, GLC21, HP19, HPZ19, HP21, JM18, MBT21, Nie06, PQOB14, TBM21, YTD15, YFS21, YWW23]. **Precisions** [CH18].
Precondition [DGK+16]. **Preconditioned** [AD20, ABF96, ALJ99, ADGP07, BCGR98, BHN07, BF23, BBFJ16, Bia94, BKR25, BDE08, BMMT14, BD05, CK02, CCSY98, CS14, CJS23, DH16, DEC05, DHZ+21, ELM21, GM17, GH02, GY99, GY02, GC19b, GD07, GP96, HCHS13, HYC16, JvGVS13, KR99, Kny01, KALO07, KL12, KSV16, Le 09, LE17, LLX15, Li24, LK15, LMW15b, LK21, LHL+22, LCY+20, LC23, MS07c, MB17, NKLW94, NAC+15, Ng00, Pav98, PT01, RG13, SMZ18, ST17b, Sem10, STY24, Sta07, SM07, SLC01, STY21, SVX15, UA07, VK15, VYX16, WOW00, WWJ12, WS15, WRS17, WXS19, Xue18, Yan94, YBM+18, ZX24, dSO21, vGEV07, Jin95, Saa93, ST94].
Preconditioner [AKP25, ARS21, AJS22, AJ22b, AJR23, AJNT25, AVBTG17, BJNN02, BDGK18, BDdSM11, BBM11, BGM13, BMT96, BT98, BT03c, BCFJ19, Ber00a, BGS09, BH22, BLM03, CS99, CDGS05, CBG12, CC02, CWX15, CB22, CG17, CPD17, CST+13, DMML05, AGJT21, DFG15, DKXS18, Doh03, EOV05, FMW19, FGO20, FCF19, FCZ23, GM15a, GrM10, HC05, HVK18, HO25, HM19b, JFG10, JKRS25, JKKM01, KR14, KN21, KLW02, KL05, KL06, Kla98c, LFM22, LBF25, LS05a, LY13, lLN21, LY16, LY18, LQC23, MT96, MW13, NV05, Nap23, NSK10, OW98, PEC+14, DHM+23, PELY13, PV15, QSV06, RHL+21, RT01, RG07, RW21, Reu99, RSG17, Saa96, SZ99, ST08, SRM+15, SV00, Sto21, TDTF03, Ull10, VV13, Vir07, WGB97, WG20, WL20, XS17, XQ94, YFCH24, ZNZ16, ZXH+24, Ain96, LW22b].
Preconditioners [AGH+20, AJ22a, AT23, BN05, BC10, BPS+14a, BMF19, BT00a, BW11, BLY21, BDZS24, BS05f, BKMRB21, BBKW19, BSM24a, BSM24b, Bre00, BT01, BBH20, BEM17, CDBH16, CDG03, CGL01, Cas97, CS98, Cho00, CKM23, DDF21a, DDMQ18, DPW19, DP19, DW05a, EHS+05, EHS+07, EN16, EPV94, FTNB24, FV01, GL08, GS98b, GKS98, Gup17, HN06, HPR22, HRR23, HS25, HO94, HSTH18, HKD13, HGK97, HZ16, HL17, HCP+23, KO99, Kla98b, KD20, KOV15, KRT21, Krz01, KNV+16, Lee09, LBYT24, LS13b, LNC05, LSS03, LW04, MG11, MKSG10, MNS07, MSS10, MHR20, Mu95, MDKN23, NK13, NP10, OV07, Ong97, PF23, Par24b, PS08, PWZ10, PS11a, Paz20, PSC+16, PSC18, PS01, PC07, RWKW14, RWWK15, RS03, ST16a, ST14b, Sta97, SO97, Tau96, TAY+19, VMOT25, WGS17].

Preconditioners [You25, dVPS+17, dSL05, CT94, CC96, CMV97, DLG97, EG93, HO96a, Huc93, Sch93]. **Preconditioning** [AJ21, ABH03, AL99a, And16, And17, AD15, AA02, BSvD99, BHT00, BCT00, Bla03, BKM24, BS15b, Bre96, BW01, BCMM03, BH14b, CGQ10, CG99, CGG07, CdSG21, CK23, CW18, CMS17, Che98, Che13, CLS16, CM99, CST16, DSW22, Di 97, DKL+19, DGK+16, DGSW10, DV20, EHL06, Elb06, Elm99, EF15, FFS07, FFSS13, Fu21, GNL14, GLOR16, GH97, GG10, HS06a, HSMT20, HLNS19, HAN19, HSCTP04, Ips01, INS05, JNZ17, JF11, JFG13, JFG15, JZ13, JWC21, Jou94, KV20b, KV20a, Kan03b, KPS19a, KR12a, KS23, KVMK01, KLT16, KKKK24, KK25, KT08, Kra12, KLL+16, KT17, Lan10, LMW17, LP22, LKK18, LCK21, MG07, MG09, Mal07, MV94, MPW18, MS93b, MMA98, MR94, MGW00, NV98, Not00b, OBP+24, Ols07, OKLS15, PKNS14, PKD23, Pel18, PS11b, PP08b, PMH+16, PLT+21]. **Preconditioning** [PST15, PMSB12, PS12, PV94, PV95, QS08a, RT10, RW11, RSW10, RW22, Saa03, SWW08, SSW21, ST16b, hSSW23, SBX+08, SM18, SW03, SCGT07, Sta94, SFM20, SV01, TT07, VK13, VSS14, WZ03, WWM03, WH95, Xia21, YHC16, ZN16, ZB12, dDBV14, vdEH05, Di 95, ES96, FF94, NCV06]. **Predict** [CC20, dBMZ11]. **Predict-and-Recompute** [CC20]. **Predicting** [HKLW19]. **Prediction** [BGMW17, HKC+04, JSZ22, LT20, NMFP16, Oli01, ZMD22]. **Predictive** [GSS22, RVA17]. **Predictor** [RC06]. **Predictor-Corrector** [RC06]. **Predictors** [HMR09, MKWG15, OS98]. **Prefix** [Mat95]. **preprocessing** [BZ93]. **Prescribed** [BCT07]. **Presence** [ASZ07, AC22, BN98a, SW15]. **Preservation** [BBG+19, CHAMR06, CW06, DBK25, Jay98, KW10b, LLJF21, PLVG+22, PH13, Sha21a]. **Preserve** [FMR06]. **Preserved** [YHSL24, ZXT+25]. **Preserving** [AIP19, ADR14, AT20, AH17, ABR17, AWW19, ALT93, BH14a, BG10, BSMM16, BM08, BV19, BLR14, CTB15, CR23, CGK13, CCSY98, CCRT21, CBG16, CRS20, CS25b, CS20, CZ22, CS23, Chr09, CLTX15, CGP22, CS10c, CDN16, CKW24, DO11, DEN21, DLV17, DPS18, DW24, DG20, DQ22, DWQY19, DCL+21, Dua24, EKLS+18, EL20, EG22, EG23, FM11, FCM12, FHNZ24, GW15, GJSZ25, GPSY17, GNPT18, GY17, GMYL23, HHZ22, HMLH18, HS21, HLM03, JX13, Jin99, JS10, JW13, JLP18, Ket08, KC16, KEF11, KLLM22, LTC13, LFH19, LZG20, LM08, LR99, LI01, LW16, LLLX16, LYZ20, lLTZ21, LX16a, LGW19, LCJ+20, Liu20, LS23, LXL11, MR17, MW01, MHW22, MS07e, MBS22, MR01, NBA+14, PV23, PV25, PPVV25, PL21, PSC18, QXYZ24, QS18, SY18, SZW20, SL24, Sur00, SF99, TWZ21]. **Preserving** [UDH23, WY19, WLY25, WQX20, Wu21, WX21, XQX15, YJ13, YJXZ22, YCY19, YCS16, ZKN20, ZKN21, ZHQ20, ZWWZ21, ZZZ21, ZLZ22, ZZX23, ZC24, ZC25, vdVXX19, BM17b, LS12a, Tor05]. **Pressure** [BCM15a, BKMRB21, BJP+22, EZ11, GP99, KSMM18, KL10, LRV22, LY98, Mu20, MYZ21, OV07, RW22, RJLW20, SMZ18, SCS04, YLY24]. **Pressure-Robust** [MYZ21, RW22]. **Pressure-Temperature** [RJLW20, SMZ18]. **Pressureless** [BCM15a]. **Prices** [WWH17]. **Pricing** [FO08, GMP19, HW14b, HFL11, IT09a, IT14, IT09b, LCD18, LZ16, LFBO08, OGO13, OGO16, RW07, RO12, ZK14c]. **Priest** [Nie06]. **Primal** [ACCO00, BDGK18, BKKM22, CGM99, DFG15, DFDM19, HS06d, HSW08, IMS96, KL10, KR06, KM16, LN17, LD03, Pla98, SSW21, WvdZSvB18, Zam16, Zha20, dVPS+17, Kor93]. **Primal-Dual**

[ACCO00, CGM99, DFG15, HS06d, HSW08, IMS96, KM16, LD03, SSW21, Zha20]. **Primary** [BLGL11]. **Prime** [JF16]. **Primitive** [AL24, ADM10, HZXC16, NH14]. **PRIMME_SVDS** [WRS17]. **Principal** [GH14, HMST11, LYLC17, Nit99, YPHH17, ZZ04]. **Principle** [BI09, FH06, FK19, Gar00, JX13, LSU11, LI01, LLLX16, LYZ20, LLJF21, LY14, SY18, Wu21, XQX15, YCY19, ZLS12]. **Principles** [AW11, OKF14]. **Prior** [AGSV25, FLDT25]. **Priorconditioned** [CPP+17]. **Priori** [CJ09, Cho00, CDS24, DPF15, DG16, DKW19, MRL+17]. **Priors** [AS23, CPP+17, UDH23, WBS+17]. **Prismatic** [CDG17]. **Probabilistic** [CZ25, CHM21, DYZC22, ESdOCP23, EFFM25, GH15a, GR04, HM19a, HM20a, LD04, MVBS23, PTSA23, YLG22]. **Probabilities** [BBT24, GSS12, IM98, Wal14]. **Probability** [BP06, BTGH12, BJW18b, GDLS14, Gub96, KKZ17, LX12, LX14, MFSY19, PSSW15, SG04, WK06, WI12b]. **Probe** [EP06, LS09]. **Probing** [IL24, LS20, SLO13, SSR+22, vdBF08]. **Problem** [AHT12, AOR18, AFOQ19, ACO23, Ami94, AdWGV+20, ACW12, ABMP22, ABB23, AHDK14, AHR12, BMV18, BLYZ24, Bar12b, BBGS04, BEKK24, BC06, BK08, BACF08, BO06, Ber98a, BH11, BK00a, BLMS21, BLMS22, BBD16, BL99, BL03b, BKKM22, BIYS00, BBR08, BCM15b, CR16, CGAD95, CK03, CGP12, CC08, CGZ24, CDY07b, CHM02, DS17, DEP11, DSZ13, DL20b, EVLW17, ES17, FB21, FGS14, GL21, GH13, GKV00, GS12, GP99, GB06b, GK11b, GO09, HRT10, HLD12, HHP21, HT13b, HN20, HO25, HJ18c, HvdG96, HvdV03, IL24, JMM10, JMR17, KK02b, KL06, KL10, KL13a, KLN20, KLZ22, KLRY25, Kup98, KL00b, LO19, LM05a, LL98a, Le 09, LR12, LM20, LRV22, LLX15, LLW19, LY20, LZ23, LS05b, LSM22, LTzT21, LLQ24, LPP09, MR04, MMT15, MRT00, MRB23, MRW15, MDA22]. **Problem** [MV21, MV06, NH12, NWW97, OR02, OV07, OQRY18, PRS12, PVV11, PMH+16, PBJ+96, QZZ19, QNNZ19, QRV21, QOQOP99, Rad16, RWB25, RKMC25, RH09, RSA05, SS98, SHP07, SBHS19, SS10a, ST00, SKN19, SSF16, SS25b, TY08, TET10, TX17, TCDS21, TVV11, Tim19, TD99, VP10, VV13, WLZ23, WG20, WWJ12, XYGO01, XYZ12, XK08, XS24a, YVB98, YY25, YSZ14, ZYSL15, ZWZ19, ZZ22, Zha22b, ZSPL21, dVL10, vBdB05, vWBV09, CSS93a, CW93, DS93, MMPR93, MCJN94, SRCG93, Tre97, YL93, Zha94]. **Problems** [ADR14, ABLS05, AN17, AL02, AC05, AB08a, ABF99, AEFM17, AA00, AD25a, AGM+24, AFF+15, APSG14, APSG16, AS18, AVBTG17, AW20, AH20, ABK+24, AFS19, AV21, ABBT+20, ATV07, AS23, AGH13, AF15, AHDK14, AH04, AH06, AHH12, AD15, ADF+19, AC22, AP99, ARM23, AMV22, BN23, BS07, BKGV16, BH14a, BCS07, BLV18, BG25, BDS98, Ban08a, BL03a, BYZ19, BSHL14, BH20, BBC+01, BLV17, BGL+21, Bar14, BCP24, BBGS13, BOF16, BGK15, BGM13, BEEM18, BCC+15, BB15a, BBKS20, BSvD99, BT03c, BDKR21, BP13a, BHNPR07, BLS14, BK06, BM01b, BV20, BBS22, BYL13, BF95, BFK03, BF06, BCK21, BDF08, BB05, BE24, Bli24, BKFG19, BKM24, BF14, BH22, BKMRB21, BLZ25, BH08, BvW09, BLR14, BBM+15, BQR18, BS99b, BT13, Bou01, BtVÇG+10, BCL99]. **Problems** [BM95b, BDK12, BL08b, BMM+10, BMMT14, BWZ10, BH07, BDR18, BRDQ24, BP06, BHR96, BKS98, BHK+24, BCdF+20, BTGH12, BTGMS13, BSS21, Bur13, Bur14, BEH+19, BCDE21, BG13, BG04, BGMW17, BJW18b, BJW18a, Cab94, CW07, CL11, CLL20, CPS20, CSS09, CGKM16, CDG17, CPV95, CEJ+10, CPB13, CGR14, CHP20,

Cas05, CCER12, CT03, CW17, CGG+14, CCH+25, CKY98, CD02, CJY16, CYDK21, CGZ23, CMZ+24, CJ05a, CKV99, CWY17, CG10, CK98, CN10, CCO11, CEO11, CS17, CJMS23, CBK18, CHH10, CDG+09, CS12, CGX21, CG24, CM99, CGM00b, CDGT01, CDN16, CP17, CDFQ11, DMS01, DN13, DFG15, DD00, Ded10, DTR21, Der08, DH95, DF20, DLTZ06, DYZC22, DQQ13, DPW19, DEV16, DMRR19, DKO12, DP19, DFL20, DGN25, DMM20, DKZ09, DLZ10, DJLZ96, DK03, EKM94, ES19, EOR24, EOV05, EN08]. **Problems** [EGKS94, EPSU09, EK14, EK10, EHW00, EMT09, EHS19, EPMN25, EPV94, FGMP13, FGMP14a, FGMP14b, Fai03, FMOS17, FBvdZ24, rFS12, FH06, FLU+20, FTY15, FW24, FL97, FMM98, FDS13, FWA+11, FS02, FK00b, FS11, For06, FHP24, FSV22, FL19, GJ17, GJSZ13, GG13, GN16, GX16a, GKRNS19, GLxY19, Gar05, GU17, GBS+22, GH02, GK03, GK18, GvdV17, Gee19, GMvdV19, GG19a, GHH07, GV12, Gia18, GGK+04a, GDC+23, GY02, GPHHAPR18, GHN01, GH99, GT94, GI99, GHR12, GHR13, GMS18, GM00a, GLOR16, GV09, Gu15, GN23, GH25, GSW+25, GE25, GSM20, GSV20b, GVMM14, GPT22, GKV24, HA01, HHM17, HR96, HvBW23, HN22, HSB12, HSWW08, HMN+13, HS06b, HW21, HN06, HJ18b, HHK19, HKM20, HM14, HAS20, HP21, HTW+12, HL10, HLT16, HLNS19, Hof05, HXX18, HR99b, HJQ24]. **Problems** [HS01a, HKD13, HY10, HZ22, HCL23, HJZ23, HJZ24, HR99c, HHL15, HLM16, HDOS23, HMW07, HSW08, HMCK04, HV07, HLM03, IM97, JZD25, JKM14, JL19, JZX+21, JCdS21, JY21, JLM25, JLWZ24, JR98, Kal20, KKV13, KLV+16, KV20a, KVV23a, KB08, KR14, KCL16, KLS+15, KS94, KPT16, KMA+12, KZ00, KPR25, KY19b, KMW99, KRRB25, KO99, Kir24, KGR16, Kla98b, Kla98c, KLW24, Kna98, KLT16, KV12b, KL12, KC16, KH18, KG14, Kra08, KT08, KLL+16, Kra09, KSU14, Krz01, KBP17, KRS21, KEC23, Kus97, KGT07, LSY+25, LP11, LP13, LQ19, LV07, Lan19, Lan10, LZ21a, Lan94, LQR12, Lay96, LP96, LMR98, LS13a, LV10, LG97, Lee13b, LLW16, LR20a, LW22a, LM17, LN05, LI01, LWCL03, LLZ08, LM14a, LQX14, LXV+16, LZ17b, LSY19, LZ21b, LLSX21, LLCW22, Li24, LWG10]. **Problems** [LMT18, LO03, LSV13, LW03, LSS03, LLZ15, LSZ17, LY22, LGC+23, LT14, LW04, LBBG24, LWK+16, LWSP22, LXYZ23, LGR20, LvL21, LK98, LCY+20, MPS18, MS07b, MM13, MABO07, MS07d, MG11, MRFV18, MBL+25, Mar01, MV94, MWBG12, MSS10, MS06a, MZDK22, MG12, MMS05, MR18, MMN00, MMV98, Mu99, Mu20, MPV25, MHS98, NHSS13, NN03, NRMQ13, NWY10, NBT24, NHZ25, NvdP00, Nor07, Not25, NLY23, Obe13, OB08, Ols07, OW98, OSS22, PL03, PFS21, PE00, PKR+13, Par24a, Par24b, Par17, PKD13, Pat97, PW12, Pav98, PKV24, PS13, Peh20a, PP08a, PP05, PSA99, PMSG14, PTT20b, Pet05, Pic03, Pol16, PS10b, PST15, PMSB12, PRSS11, PV94, PV95, PBC05, QX08, QZZ14, RP01, RKLM18, RHL+21, RW21, Reg96, RW07, RSZ24, RW13, RPM23, RNV17, RS03]. **Problems** [RL13, RS02, RKvdDA14, RHW24, RSG17, RSSZ08, RCC18, SP03, SG11, Sch02, SSW18, Sch19, SU25, SBS98, ST17b, Sco17, ST19, SIS96, SY10b, SW16, Slo02, SK05, SCY25, SSC+15, SCW+17, Sta97, Sta00, SBMR18, SXY24, SV21, TT96a, TO15, TPQD22, TUV10, TW17, Tou22, TPB17, Tsy99, UEE12, UG19, VMM13, VC00, VFHG25, VSBH99, VW94, VPP05, Wal99, WL04, WR13, WZ18, WX99, Wan04, WS05, Wan12, WH15, WBS+17, WBTG18, WWYX20, WZ22, WWW25, War13, WO98, Wat04, WCHZ14, WW10, WW03, WB08b, WK03, WC17, WXS19, WRBC24, XEG06, XLS18, XB16, XYZ22, XXZ20, Xue18, YG15, YZ11, YBHY15, YYS16, YHC16,

YWG21, Yav98, YXTY24, YHSL24, YSK19, Yu01, YYY11, Zbi11, ZGA10, ZS99, ZLG98, Zha20, Zha22a, ZHY25, ZZSL25, ZWL+25, ZJB20, ZT25, ZHS23, dWPR20, vD03]. **Problems** [vLA21, vdDA12, vdZvBdB10a, vdZvBdB10b, BR95, Cai93, Cai94, CV93, Dax93, DLG97, DG95, FCR93, GLM22, Gar96, HO93, Li94, MMM+95, MMMY96, MS93b, PCDB96, Rán93, SBC93, Smi93, Wri93]. **Procedure** [BGR10, CD15a, Den97b, rFS12, KLY07, MT99, YYY11, ZW16, Gar96]. **Procedures** [AAD11, Dur16, HS99a, SP16]. **Process** [AO07, ACW12, BF01, BG22, BG25, BTGH12, GS24, IT09a, JSZ22, PSB+06, SZ00, SB13, ZMD22, ZS25, KOB20]. **Processed** [BCCSS21]. **Processes** [AM05, BLM22, BRBT12, CK17, CBG+19, DNP+04, DN97, EFHL09, Gre25, JKM24, LFBO08, PS13, RPK18, ZK14c, ZK15, Zim13]. **Processing** [BBFJ16, BCFJ19, BCR99, BCM05, DLNW24, Gee19, GMBR24, GMS02, HK00, Hen05a, KMSM14, LRT11, Nov15, RSA05, SP03, WHCX13, WBFA09, WDT22, Zim20]. **Processor** [CFM98, OA93]. **Processors** [KHW+14, Heg95]. **Procrustes** [BL99, BL03b]. **Product** [ARM+19, Beu05, CWC08, CS96, CGBKS25, DO15, DP19, DCP11, FT03, GJMM24, JML22, KSV16, MBM+16, MZ24, ORO05, RG98, Ull10, WFG+20, Zha97, ZCK12, AA14]. **Product-Convolution** [ARM+19]. **Product-Type** [Zha97]. **Production** [Pup03]. **Products** [BL03b, BBR08, Che16, DOKM22, EMN17, FMYT16, KKS08, KP17, OR24, SO24, Won16, LMSSS97]. **Profile** [AKA19, DHHR09, Hag02, TJ25]. **Programming** [AFK15, BV03, CCFP12, DARG13, GY05, GB98, GHN01, KKK16, KB08, KO05, KK13, KPS+25, KOSB16, NKTY08, Pla98, ST03, CV93, Kor93, Sar97]. **Programs** [CFM98, FHFR13, FL08, LWYxY18]. **Progressive** [BEEM18]. **Projected** [BS23b, EHN12, GRMS09, Hok17, HM20b, KFR21, KSD10, MT09, RVA17, SBND11]. **Projection** [ABC00, AABM13, BJ01, BBBG11, BB15b, BM95a, BCP15, BD05, CFGM11, CEHN08, CN99, CC19, CJMS23, CRT11, EAS11, EN08, FB19, GL22b, GH13, GSW13, HN19, HC18, HB97, JCdS21, KMR01, KHE07, KTSB19, LE17, MNvST13, PKA22, SSW21, TZ14, TVV11, WC23, Xue18, YR12, ZBFN17, ZFHS15, vLA21, ABS96, ABCM97, CW97, LL98b, Sun93]. **Projection-Based** [EN08, KHE07, ZBFN17]. **Projections** [BCC+15, GG05, dMGF17, JK08, KR21, OPR22]. **Projective** [GK03, LS12a]. **Projector** [EL18, EH18, KR12a]. **Projector-Splitting** [EL18]. **Projector/Backprojector** [EH18]. **Projectors** [HNS08]. **Prolate** [KLZ+06]. **Prolongation** [JFSO23, MFJ19]. **Prolonged** [SNB08]. **Promoting** [CPS20, HHP22]. **Prony** [OS95]. **Propagating** [CYVK15, DBC13]. **Propagation** [AM19, Aru12, BLMR02, BL24, BCS11, CHW17b, CHX15, CG96, DLM16, DF20, DR13, EKLS+18, Fan22, GM17, GMvdV18, GLQ16, GMM15, GW04b, GM04, HLY13, JK21, KMA+12, KPL13, LS95, LOL13, LO14, Lem16, Min02, ODN17, PKD13, PTT20b, PDE+17, SMR16, SKJ+13, TLT12, Tra95, Wic17, ZWP21, ZLJ96, Zin00]. **Propagators** [JLZ25]. **propelled** [GHK14]. **Proper** [AK04, CBS00, CP17, GLMN15, HLR18, IW14, KMZ+25, MDA22, PDG20, Rav02, RSSM18, TLN14, ALT93]. **Properties** [AMN15, CDKL22, DMMO05, GG94, GG95, LL00, LGC+23, LB06, MS04, MR02, TG04, TLH21, WL11, WB99, dBMZ11]. **Property** [BBG+19, MZ24, VS03, ZN05, ZH21]. **Proposals** [VS23]. **Protein** [XJS13]. **Provably** [BG24a, RL17, Ten98, WS18].

Providing [Yam02]. **Proximal** [DTV13, KMZ+25, LCE22, MZWG16, Par17, PK23, UWY+15, WWYX20, WY13]. **Proxy** [JRGPR25]. **PSAI** [JZ13]. **Pseudo** [ASS16, BS96a, HS06b, KRR23]. **Pseudo-Differential** [BS96a]. **Pseudo-polar** [ASS16]. **Pseudo-Spectral** [KRR23]. **Pseudo-Timestepping** [HS06b]. **Pseudodifferential** [AKP25]. **Pseudoinverses** [Wan97]. **Pseudopod** [NMWI11]. **Pseudopod-Based** [NMWI11]. **Pseudopolar** [ACD+08a]. **Pseudoreversible** [TWJ+23, YWdCN+24]. **Pseudospectra** [ET01, Lui97, LW97, WT01, TT96b]. **Pseudospectral** [BS05c, BLS09, BDZ13, BM01b, BMV05, BGSV15, BWZ21, CM13, DF99, Elb06, For95, For06, HJMS07, Hun95, Hun96, KLZ+06, LK98, MG12, MHS98, Ros15, TT96a, TSX17, TC99, WS95, WSZ14, HP14, MT99]. **Pseudostress** [CW07, KZP20, LM20, LRV22]. **Pseudostress-Velocity** [KZP20]. **Pseudotransient** [CKK03, HS16]. **Ptychographic** [CGM+21]. **PU** [Mir21]. **Pulsed** [CBK18]. **Pumping** [JP01, LJL09]. **Pumps** [BLVZ23]. **Pure** [BB15a, Kup01, MMM+95]. **Purely** [AG25a]. **Purkinje** [WiOH08]. **Purpose** [IFSJ21]. **Pursuit** [CDS98, WLL+15, ZSPL21, vdBF08, LL98b, Sun93]. **Push** [BJW18a]. **Push-Forward** [BJW18a]. **PVM** [DFN12]. **PWDG** [KMW15]. **PyClaw** [KMA+12]. **pyFFS** [BKH+22]. **pyMOR** [MRS16]. **Pyramid** [Ain14, CW15, CW16b]. **Pyramids** [CW16a]. **Pythagorean** [RV22]. **Python** [BKH+22]. **PyURDME** [DTT+16].

QGLAB [GCM25]. **QLP** [CPS11, Ste99]. **QM** [WCL+21]. **QM/MM** [WCL+21]. **QMC** [DKGS15]. **QMR** [BS96b, FN94, KMR01, RG98]. **QMR-Based** [KMR01]. **QR** [DHHR09, FSvdV98b, FKN+20, GKK10, GE96, HWD02, Oli01, QOSB98]. **Quad** [VO19, ZWZ19]. **Quadratic** [BCS07, Ber00b, Cao07, CDY07b, Ded10, Don06, FW24, FL08, GHN01, HN06, HD15, HvdV03, HLM03, LWW20, LC05b, LWK+16, MPS18, Mee01, NN05, PWGW12, PMSB12, PN19, Tap22, CV93]. **Quadratically** [ES18b]. **Quadratization** [YY18]. **Quadrature** [AH18, AB02, AHH+23, Alp99, Ban10, BHK14, BSS17, Bog14, BH23, CTU25, DGB15a, DY23, EJJ08, FMRR13, GCS19, GS18, GMvdV19, GST19, GV13, GC19a, GPS12, GPTV15, HT13a, HS05b, HHLL00, HW09, JLZ17, JM18, KS18, KKN18, KKN21, KS17, MC05, PS19b, Say15, SLFL06, Str95, SSVW17, Swa02, WSX17, aKT18, BGP94]. **Quadrature-Based** [BH23, DGB15a]. **Quadrature-Sparsification** [GS18]. **Quadratures** [BWV15, BGR10, Car07, GNZC17, LM25, Wen08, Won16, YR98]. **Quadrilateral** [HH16, LE10, SY08, Wan01, WSK99, YYY11, ZMS10, ZP18]. **Quadrilaterals** [D'A00, HRV11]. **Qualified** [LCL18]. **Qualitative** [ACHN21]. **Qualities** [Hua05]. **Quality** [Ber98b, CPT05, CC06, CC11, EÜ09, HR98a, Joe95, KK98, Knu01, LLSX21, LC05a, LC08, LJ95, Wal13]. **Quality-Bayesian** [LLSX21]. **Qualocation** [CP03a]. **Quantics** [OT11]. **Quantification** [AS21, Bar12a, BF16, BDK+20, BZ12, BJW18b, FWA+11, FJHM19, GW04a, GS14, HSK19, JSC24, KKP14, KH14, Kou09, LSW24, LNP+07, LZ04, PDE+17, Rah13, SSDN12, SRW+18, TZ14, WB08b]. **Quantifying** [AM04]. **Quantile** [Wat98, YMM14]. **Quantitative** [ATWK19b, DTM05, HFL+16]. **Quantities** [ATWK19b, AF22, MNvST13, SSBP24]. **Quantity** [GV07b, LQX14]. **Quantization** [KLLY20, KY05]. **Quantized** [DKO12, Rak21]. **Quantum**

[ACdS+11, BOR97, BKMM10, CL18a, CWY23, CBDW15, DZSN09, DZ12, DLNW24, DF21, FGL09, GRPG01, GKM+17, GCM25, HJMS07, Jah04, JLLY24, JP14, LR10, Lee13a, LW20b, ML11, PG22, RN14, SZ06, SEKR24, SO10, WC22, WWL25b, YHS07, vWBV09]. **Quantum-based** [GKM+17]. **Quartic** [UW94]. **Quasi** [ABLS05, BN00, BN21, BBT11, BG24b, CPP+17, CK07, CGF21, DJLZ96, EZ11, EL19, GL22c, HW14b, HHLL00, HTW+12, HH11, HJL+19, IT09a, IK10, IT14, JSPC97, JKY21, KH00, KSD10, LZ99b, Lin16, Liu24, LMRS21, LD03, LLLL24, Man05, MM14, MS06a, MO21, MC94, MGH21, Pol16, RNV17, RNV19, SL10, SM17, SStM23, Sha21a, SCW23, SX16b, SV01, Ton94, WW22, Wan12, WWH17, YZ05, ZWH21, CGS+94, Fre93, BW93]. **Quasi-** [RNV19]. **Quasi-algebraic** [HTW+12]. **Quasi-Conservative** [EL19, Sha21a]. **Quasi-definite** [MO21]. **Quasi-Geostrophic** [BN21]. **Quasi-Interpolation** [JKY21, SCW23]. **Quasi-Laguerre** [DJLZ96, LZ99b]. **Quasi-linear** [Pol16, YZ05]. **Quasi-MAP** [CPP+17]. **Quasi-Minimal** [LD03, SV01, Ton94, CGS+94, Fre93]. **Quasi-Monte** [ABLS05, GL22c, HW14b, HHLL00, IT09a, IK10, Liu24, LMRS21, Wan12, ZWH21]. **Quasi-Newton** [BG24b, HJL+19, KSD10, SL10, SM17]. **Quasi-Newtonian** [MM14]. **Quasi-Optimal** [MGH21, SStM23, SX16b, Lin16]. **Quasi-Orthogonal** [KH00]. **Quasi-Periodic** [BBT11, LLLL24]. **Quasi-Random** [MC94]. **Quasi-Reversibility** [CK07]. **Quasi-Spherical** [BN00]. **Quasi-Static** [HH11, WW22]. **Quasi-Steady-State-Approximation** [JSPC97]. **Quasi-Symplectic** [Man05]. **quasi-Toeplitz** [BW93]. **Quasilinear** [BH22, Tou22, WWL+25a, Bøe93]. **quasistatic** [OH21]. **Quaternion** [LLJ22]. **Queries** [SEKR24]. **Question** [EPMN25]. **queueing** [CC96]. **Quotient** [BLV18, HvdV03, Ste02]. **Quotients** [IW14]. **QZ** [AKK14, FSvdV98b].

R [MIS03]. **R2N2** [DMG+24]. **Rachford** [CLST03, FZB20]. **Radar** [CHKsL20, GH07]. **Radial** [Ama98, BN98b, BLB00, BRDQ24, CBN02, DFS17, DFQ14, DFW21, DFW22, FM12, FP07, FLF11, GD07, JK10, JK15, JP16, KL13b, LLHF13, LSH17, LW19a, LSW17, MMS23, Mir21, Pir16, Pla15, SU25, TLH21, WDG+18, WRS08]. **Radial-Basis-Function** [SU25]. **Radially** [ADKM03, MT09]. **Radiation** [BW01, HG02, HHT03, Kan03a, KR14, OSWP25, PP05, SYY09, YCY19]. **Radiative** [BK98, BK99, BS25a, GP18, HHE10, JLY08, PKR+13, RBH06, SKN19, SH20, TWZ21, YCS16, ZHQ20]. **Radiography** [HFL+16]. **Radiotherapy** [CDM+13]. **Radius** [BLMS21, Gug16, HOY03, JP11, Mit23, RMD08, Ros15]. **radix** [Goe97]. **Radon** [ACD+08b, Man99, Rim18]. **RAIL** [NQE25]. **Random** [AP19, ABE+17, AdSK19, BJ01, BF16, BMMR20, BvW09, BCV13, CJGX15, CLLW20, CGF21, DGM25, DU19, DHP17, DW15a, EAA21, EPSU09, EIJH20, GGLX25, GSM24, GWBW22, Gri19, GS14, HM20a, Hri03, Hri05, HCHY23, HTH+16, IK10, JKL22, JK12, JLP18, JLXZ21, KKV13, Kaw15, KKN21, KRGO19, LSW02, Lan94, LXZ20, LZ20, LXZ23, LLZ15, LK04, LW19b, MZM25, MFSY19, MNvST13, MC94, MZ19, MNZ15, NS21, OVV17, PS12, RDB16, RNR16, SM94, ST22a, SG04, SM15, TZ14, TG04, TCCK18, UEE12, Ver96, WR13, WZ18, WI12b, XH05, XT06, YCZ13,

YHFG22, YLG22, YR12, ZRK15, ZS04, LL94, YGCP96]. **Random-Batch** [LXZ20]. **Random-Sampling** [BCV13]. **Randomization** [DLY17, Gu15, HAS20, MOHvdG17]. **Randomize** [BSHL14, WBS+17]. **Randomize-Then-Optimize** [BSHL14, WBS+17]. **Randomized** [ABC+23, AdSK19, BW18, BW21, BG22, BG25, Bja19, BTK19, BPR25, BS18b, CLB21, CCL+24b, CTU25, CRT11, CWD13, DSS20, DG17b, ET24, GLR+16, GCG+19, GNZC17, GKV24, HN19, HNR17, HYW+25, KXH21, LL03b, LM24, LXdH16, LXG+21, LLJ22, LR20b, Mar16, MV16, MLB24, PDG20, RDB16, Sai20, SStM23, SX17, SZP19, WBTG18, WSX17, XXdH+17, YHSL24]. **Randomly** [EMT09, LZ04]. **Range** [BFJ+15, BKK18, BKK+21, CKS25, KKK+25, LT21, MM25]. **Range-Separated** [BKK18, BKK+21, KKK+25]. **Rank** [AHPG24, AAB+15b, ABLM17, ABLM19, AP01, BKMR25, BK16, BEKK24, BKS16a, BKR25, Bja19, BKS16b, Bör07, BDS20, BSS21, CCY23, CA16, CD19, CKL24, CKS25, CL23, CL24, CGMR05, CL21, DM13b, DKXS18, DS17, DBA19, DLP+21, EL18, Ein19, EL19, EHY21, ES19, FWA+11, FM16, GTK+17, GU17, GNL14, GN19, GOS12a, dMGF17, GPB24, GCD18, GE96, GQ24, HM19b, HGZ17, KSU14, KMR19, Kri25, KPU21, KEC23, LE17, LM24, LS13b, LJ17, LLWxY20, LSG24, LT21, LLJ22, Mar16, MV16, MMR19, MKB22, NQE25, NRO22, OX22, PN25, PW15, Pen00, PRM97, PCD17, QOQOP99, RO15a, RO18, RBS25, RZTB22, RAT18, Sco17, SZ00, SB15, SV21, SSN19, TYUC19, VD10, Wan97, WLL+15, Xia24, ZZL22, ZS25, vNLB04, KSV16, SSC+15]. **Rank-** [SSN19]. **Rank-1** [CL21]. **Rank-Adaptive** [CKL24, CL24]. **Rank-Deficient** [PRM97, QOQOP99, Sco17, Wan97]. **Rank-Minimizing** [GPB24]. **Rank-One** [AP01, WLL+15]. **Rank-Reduction** [LE17]. **Rank-Revealing** [GE96, MV16]. **Rank-Structured** [LM24, Mar16, OX22]. **Ranking** [CPP+17, CKLP11, DMM+08]. **Rankings** [FLM+05]. **Ranks** [MC09]. **Rao** [DMM20]. **Rapid** [AD96, BCY21, FDFW07, JJCX24, KLZ+06, SS24, SLC01]. **Rare** [APU24, CDS24, GL15, LSW24, LLZ15, WLPU20]. **Rarefied** [DC24, HC20a, Ste11, TPW09]. **Ratchet** [BBM+08]. **Rate** [AdVC00, Gee19, GLC21, KBD21, Mit23, NN12, Par24a]. **Rate-Based** [AdVC00]. **Rates** [BF13, Kol99, Red99, Ros05a]. **Ratio** [Bar12b, FNL+19, Le 01]. **Rational** [AH18, AN17, AG25b, AT15, AHK24, Bad21, BGRS24, BG17a, BG17b, BM01b, BHK14, BHH24, CR24, CS25a, CV25, CMM95, DP07, DNT24, DGB15b, DKZ09, DLZ10, FNTB18, FS08, GSS12, GG21, GVMM14, GPT22, HO18, KXS18, KXH21, KBD21, LL25a, NST18, PPS22, Ruh98, TWYZ20, TT06, TW25, VMM13, WDT22, XS16, XS17, XWT24, ZFwCW15, NT20]. **Rational-Order** [HO18]. **Ratios** [DV98, GST12]. **Raviart** [Ain07, HM20c]. **Ray** [GHS+09, HFL+16, JBL18, KLS08, LB06, HHP22]. **Rayleigh** [BLV18, HvdV03, Kal20, Ste02]. **Rays** [SCM10]. **RB** [HKO+23]. **RB-ML-ROM** [HKO+23]. **RBF** [LW19a, LSW17, Mir21, AF15, BPPR24, KCL16, KW11, SWN20]. **RBF-FD** [BPPR24, SWN20]. **RBM** [JJCX24]. **RCHOL** [CLB21]. **RD** [BFJ+15]. **REA** [Vog16]. **Reaction** [AN17, ABR17, AE22, BOR97, BHK12, CCL24a, CCEO24, CLST03, CDG+09, CE16, DMRR19, DMD+12, EO15, EO16a, EHT24, EFHL09, FDE+06, GHH07, GK13, GSM20, HG98, HKF+13, HS16, JJK23, KBK+08, KWW13, LSW17, LWW22, MRI21, MTV16, MPS09, PDH09, PS08, PS13, QDKW18, RC06, SDNL10, SBP04, SWN20, SM94, TTSM08, TK13, TM14, VS23, VS04, WL01,

WRSZ18, Zbi11, ZRTK12].
Reaction-Diffusion [BHK12, CLST03, EFHL09, FDE+06, KBK+08, LSW17, MRI21, MPS09, PS08, PS13, RC06, SM94, TTSM08, TK13, WRSZ18].
Reaction-Induced [KWW13].
Reaction-splitting [MTV16]. **Reactive** [APvDG12, Dor98, EOR24, KWW13, MMS05]. **Reactor** [BK04, Zas95]. **Real** [AT15, CGX21, DH01, DCB22, GG09, Gug16, HLTT97, In99, LZ99a, LM14c, Rav05, Ros15, SYZO15, SWU16, WLK06, WWW25, XD21, ZX24, Zhe07, ZHDZ17, BZ96, LL94, NT20, Pel93, Tre97].
Real-Time [DCB22, LM14c, Rav05, SYZO15].
Real-Valued [SWU16, XD21].
Realignment [IT14]. **Realistic** [BGSV15, BBR08]. **Reality** [HvdG96].
Realization [BTY08, BKS25, BSU19, DWW23, LT09].
Realizations [PSDF12, SD10].
Rearrangement [HJ18a, Wal13].
Rebalanced [BB17]. **Recentering** [ABL20a]. **Recipe** [tVÇAU10].
Recirculating [OW00, BY93].
Recognition [KLW24]. **Recombining** [BM95b]. **Recompression** [KP17].
Recompute [CC20]. **Reconciling** [DDE+20]. **Reconstructing** [WQX20].
Reconstruction [AGI10, AB21, ADH99, AS06, ABB+04, BV03, Bar12a, BBF+22, BNFS13, CCSS03, Che05, CJN13, CGMV05, DGP10, DHHR19, DQ22, DFW22, DB07, DF03, EFHT23, GN14, GNL21, GJ05, GB12, GHS+09, HHMS15, HLMR96, HCHY23, Jac03, KTB14, Kon21, KHKL16, LFB13, LFJS14, LSY19, LY20, Mar94, NWY10, QNNZ19, SH14, TBKF14, WYGZ10, WKM+07, DG95].
Reconstructions [AS05, MS03].
Recovering [AIL05, Ant22, CIZ18, CHZ21, Peh20b].
Recovery [AGSS19, AHH06, ADLW19, BS08, BCCX21, CHL20, DCSO10, DG20, GP16, dMGF17, HL18, LCBD07, MS25, MZWG16, NZZ06, NWY11, NN05, NNT13, PABG11, RWDL19, SO24, SSF16, Tao22, ZN05].
Recovery-Based [SSF16]. **Rectangular** [AIV98, APÇ04, BACF08, BF06, CKV99, DO15, DLP+21, HK00, Sar98, TX17, UA04, VN03]. **Rectified** [AS22]. **Rectilinear** [Zen16]. **Recurrences** [BF01, FN94, RG98].
Recurrent [DMG+24, Wan97, WZC25, YGS+21].
Recursions [GD03, LCJ96]. **Recursive** [AKA13a, AY23, HG12, IBWG15, Isa20, JP16, LY16, NSJ03, Rub12, ST97, TPW09, VD23, ZTRK14, ZH21, NP96].
Recursive-Based [NSJ03]. **Recursively** [DMSW10, DMG+24]. **Recycling** [AdSGC12, ABdSF15, JCdS21, KdS05, NG18, OKdSG17, PdSM+06, RNV19, Soo16, TBG25]. **Red** [Yav96]. **Red-Black** [Yav96].
Redefined [Lan12]. **Redistancing** [EE14, NKM10, SF99].
Redistancing/Level [NKM10].
Redistributed [AD06]. **Redistribution** [BG24a, KY05, MRSS14, ROM18, SL20].
Reduced [AB17, AG25a, AHH+23, ASR+23, AH20, AF11, AF22, ACN19, AK04, BKGV16, BK16, BEEM18, Bli24, BMPS22, BGL06b, CDBH16, COS21, CHMR10, CG21, CZ25, CST+13, DDMQ18, Ded10, DCB22, DHO12, EPR10, EF15, FNR25, GV12, GV98, GM11, HJ18b, HKK+22, HSZ12, Hir24, HCX22, JJCX24, KR23, KP10, LQR12, LCS+24, LZZ24, LM14b, LM14c, MR04, MS13, MMT15, MKW23, MG23, NQE25, NRMQ13, OKdSG17, OS14, OS15, PGW17, Peh20b, PQR20, PS10b, PMSI21, PSS17, QGVW17, QFW22, Rav02, RMC12, San10, SDNL10, SBK18, SPKB13, SHP07, TMD24, VP14, WM05, WSH14, XBC96, XMRI18, YYS16, Yan14, Yan18, Zha20, Zim14].
Reduced-Order

[AF11, AF22, BGL06b, CZ25, GM11, LM14b, LM14c, MKW23, MG23, Rav02, SBK18, SPKB13, SHP07, WM05, Zim14]. **Reduced-Quadrature** [AHH+23]. **Reduced-Space** [YYS16]. **Reducing** [AGL10, BSH16, BFG+16, CWC08, ÇAK11, DSRMK17, HCH+24, YL93, Lan93, SS93b]. **Reduction** [AKK18, AH17, AdSGC12, ABdSF15, ATWK19a, ATWK19b, ATWK20, ABST13, AK17, ABJÁFT24, AP97, AN16, AGI16, ABTZ14, BS05a, BPR04, BB08a, BBBG11, BB15b, BG21, Ber98a, BCI25, BFN17, BF22a, BK17, BK11, BGH23, BS18b, BTWG08, BOKCW20, CTB15, CCJ07, CS10a, CBG16, CABZ25, CC19, CCA20, CGHT14, DJMR23, DKPS17, DLZ10, DSZ13, EKLS+18, EO15, EO16a, EOR24, FMOS17, FSvdV98b, FKRH22, GLM22, GSO17, GM21, GOS12a, GPA18, GH14, GT19, GSW13, GM23, HSF23, HKSS25, HBG25, HKO99, HSS08, HSN+20, HM20b, HC21, HS01b, HMMS22, IT14, IA14, KA95, KT15, KS20, LZMW20, LZG20, Lan19, LU17, LCS+24, LS13a, LE17, LWG10, LHR+18, LYLC17, MO24, MMRS19, MRS16, MS18b, MZ19, NG18, OS14, OPR23, PV23, PW15, Peh20a, PM16, PN19]. **Reduction** [Reu99, RPM23, Sai20, SV23b, SS25a, SvG10a, Sma04, ST23, SK23, SV24, DFK23, SBMR18, Tad20, TLN14, TX24, TWJ+23, VFGS23, WYL+22, WWH17, ZBFN17, ZCPM20, ZZ04, ZFLB15, ZCC+16, ZMD22, ZS04, dSGK+15, dSGS22, CMV97, MS93a, PV25]. **Reduction-Based** [MMRS19]. **Reduction-in-Time** [DFK23]. **Reductions** [ML11]. **Reference** [LLZ09]. **Refficientlib** [BB17]. **Refined** [ACK19, BBP21, GHH07, HG00, JN10, KP22, Lee14, Paz20, RKLN07, Sha99, Wan01, Ain96]. **Refinement** [ABKS16, AHK+17, AMM+11, ABH03, BKMR25, BB17, BBSW94, BL24, BMV11, BWG11, CH17, CH18, CHP20, CK23, CDK19, Cha18, CC06, CC09, CC12b, DLY17, Dax03, DDGS16, EPV94, FR10, FCC10, FHL13, GT98, GW20, GKP24, GR05b, HHM08, HO15, JTZ08, JP97, LC05a, LJ95, Mau95, OB21, Ong94, PP05, SBK18, SR18, SL09a, SSB08, TB99a, Tra95, WC00, WP19, WCHZ14, WI12a, ZJC12, ZAD+16, ZWP21, ZZL22, Zie12, TV93]. **reflectance** [TSM+25]. **Reflection** [JLY08, Mau95, PDC99]. **Reflectionless** [HPAS24]. **Reflector** [PTvR+14]. **Reformulated** [dZHY23]. **Reformulation** [BHST08, Du16, KV20b, You94]. **Refractive** [TBKF14]. **Regime** [BS18a, EHY21, FCZE14, HH11, HFL11, JW13, Tre25]. **Regime-Switching** [Tre25]. **Regimes** [BJM03, CL22, DLNW24, Lee10a]. **Region** [BLMS21, BG24b, CC12b, GTK+17, KXZ24, KHRvBW13, KHRvBW14, NNH99, Pla98, QGVW17, RS02, SKJ+13, TGPK23, Wu21, YMW07, YSK19, ZS18, dSK11, Sar97]. **Region-Dependent** [SKJ+13]. **Regions** [AW21, AL99a, And08, AHT17, AIV98, DP98, GM98, LCN14, NAS13, WRS08, ZSB16]. **Registration** [Bli24, BMR13, HM05, HHM07, HHM08, HW03, HDB08, KRDL18, MR17, MB17, MGDB19, Tad20, Tad25, ZHBS25]. **Regression** [ABE+17, BGM09, DDF+21b, GLSTV16, HNR17, Hei13, JSZ22, KR18, NMFP16, SX16b, Str93, TTY16, YCHS25, YMM14, YDK22, You94, ZS25, LL98b]. **Regular** [FO19, JLY08, NL99, Zha18a, Gu93]. **Regularity** [BH07, FMW25]. **Regularization** [AL97, AL99b, BPS22, BKK+21, BC02, BZ21, BEA+25, BE24, BLZ25, BDR18, BMR13, CDBH16, CR04, CT03, CLNZ16, CEO11, CKO15, CP15b, CG19, CJK10, DDE+20, FGHO97, FM99, GG19b, GG18, HR96, Han95, HW01, HA08, Hwa07, IJT11, IL16, JG02, KASL21, KHE07, KO17, LFB13, Lee21, LM17, LLCW22, Li24, LLL08, LLZW19, LTG22, LvL21, Man99, NNT13, O'L01, PRM97, Reg96, RVA17,

RS02, Sco17, SWU16, SJD14, TY08, ZZ22, DG95, FCR93, HO93].
Regularization-Sensitive [Hwa07].
Regularized [APSG14, ABO24, BR19, BCC+15, BKM24, BMV13, CL10, CILW23, CJY16, CGM00b, Cor01, DBA19, ES18b, GCS19, HJLZ18, KO99, KL00b, Lan10, LLTY25, MRKS21, NP14, Sch19, Str00a, TWK18, Tim19, WMUZ13, XKWY08, ZCC+16, ZXH+24, dSK11, dSO21].
Regularizing [DSC05]. **Regularly** [DY23].
Regulator [MPS18]. **Reinforced** [JKY24].
Reinforcement [DHL+23, GHK14].
Reinitialization [GB98]. **Reissner** [CG07].
Rejection [HGPM14]. **Related** [BGN08, BtVÇG+10, DG98, FK00b, FT03, HHSW11, KK09, ST22b, Son12]. **Relation** [Gas13, Le 05]. **Relations** [GPS12].
Relative [DP09]. **Relatively** [BDvdG05].
Relativistic [DW97b, NH14, WT16, WS20, Wu21, McG95]. **Relativity** [GCD21].
Relaxation [AK09, AKGK24, ADP20, ADM10, BCT05, BM08, BK24, BR09, BLR14, BF10, BCK+18, BF22b, CCCC+24, CPH14, CNP12, CCM08, CCER12, EHN12, FMB13, GS98a, GR05a, GJS19, GLR23, GR17, HHR23, HPS06, HV96, In99, IMS96, JV96, JP95, KY19a, KLLY20, KO19, LL23, LCJ+20, LW97, Mar09, MB19, Mu99, QXYZ24, RL17, RSD+20, RWA95, Rei20, SB98, SV00, TZ95, Ver96, WH13, WX17, ZLWZ18, ZKV99, Dax93, Lei93, Pem93].
Relaxation-Time [HHR23]. **Relaxed** [CEHN08, FCF19, GGL07, LvL21, MMN00, PR01, TIP23, TPW09, ZZSL25]. **Relaxing** [CKQ14]. **Relevance** [BZ12]. **Reliability** [EPSS22, MS06b, SE13]. **Reliable** [CF00, CVW06, GS02a, SE11]. **RELU** [AS21]. **Remap** [BCV13]. **Remapping** [GTK+17, LL08, MCV17, WMC11, WMC12].
Remapping-Based [LL08]. **Remaps** [CRR18]. **Remark** [Goe94]. **Remarks** [BAFF00, GLL21, XQ94]. **Remeshed** [TK13]. **Remeshing** [DFS17, KR21].
Removal [CC08, MO00, AGC96].
Removing [PC07]. **Render** [LWZ+24b].
Renormalization [HJQ24]. **Reordering** [LM05a, OKLS15, TTMA22]. **Reorderings** [Saa05]. **Reorthogonalization** [GL03].
Reorthogonalized [CM25a].
Reparametrization [Kog22]. **Repeated** [GWBW22, HTH+16]. **Repetition** [WMI09]. **Replacement** [vdVY00].
Replicated [DLRT23]. **Representation** [BMPS22, CCA03, DGS08, DCSO10, ES22, Ett16, Li99, LJ17, LWL+24, LT21, SDNL10, TW03]. **Representations** [AAB+15b, BDvdG05, BD05, CML+18a, DLY17, DNP+04, EPSS22, FNTB18, Gre25, IK10, MC09, PSDF12, PSC+16, PH16, SG04, SW10b, VDD19, XD21, ZT25].
Represented [Zha18a]. **Reproducibility** [DSA23]. **Reproducible** [DTT+16].
Reproducing [TY08, XKWY08, DR93a].
Reproduction [ZH21]. **Requirement** [BBSV10]. **Requirements** [BT03c].
Rescaled [DFQ14]. **Rescaling** [BM00].
Research [DSA23, GL10, JF11]. **Reservoir** [BLV17, BGL+21, lCCVEKV17, SCS04, YLY24, DS95a]. **Reshuffling** [JN25].
Residence [HL19]. **Residual** [AB02, ADR14, AT17, ALMT20, BS25a, BC09a, BGH13, BKT21, BKS23, CW12, ELW20, EG18, HS17, HY10, KMW15, KA95, KK23, LRS02, Liu96, LN04, LD03, NFFP18, NM13, PS02, PMR16, Rad16, RJLW20, SZP19, SV01, Ton94, VK15, VYX16, WMKK25, YLY24, ZW94, vdVY00, Bia94, CGS+94, Ena97, Fre93]. **Residual-Based** [KMW15, SZP19]. **Residual-Free** [HY10].
Residuals [LRS02, vdVY00]. **Resilience** [HGRW16, VAF+24]. **Resilient** [AGSZ16, SRM+15]. **Resistive** [AMMR10, AMM+10, ABM+13, ABC+16, CST+13, OBP+24, PSC+16]. **Resistivity** [DSZ13, PDTVM08, vdDA12]. **Resolution** [AMVR17, ANP00, BAFF00, CCSS03, DHE13, DMD+12, FHL13, FM07, Gob08,

GGPSV25, HBL05, Kup98, Ld12, LNP+07, LS95, LFB13, LOL13, LT00, MP20b, MT19b, MR02, PL06, Ros06b, TW05, Wel20, BSMM16]. **Resolution-Optimal** [AMVR17]. **Resolve** [MBKR22]. **Resolving** [TT96a, TGS08]. **RESPA** [MIS03]. **RESPA/Impulse** [MIS03]. **Response** [AHK24, BGRS24, BTGH12, CVK13, RS13, SSDN12, ZMqCS21]. **Response-Excitation** [CVK13]. **Responses** [Cab94, HSK19, Lin06]. **Resputtering** [GST+99]. **ResQPASS** [SV25]. **Restart** [AGSZ16, KLY07, LXV+16, TE07, WXS19]. **Restarted** [ARMNW10, BCR03, BR05a, CGL+12, DCP11, EPE05, FG98, JN10, SSW98, VL10]. **Restarting** [BGH13, BKT21, BKS23, GGPV10, Mee01, Mor02, MN11, RF07, SSW98]. **Restarts** [BMMR20]. **Restoration** [CCSS08, CGM99, CMM00, CJK10, EK10, FNNB05, FNB06, GY05, GRMS09, GLN09, HS06d, HLZ13, LTC13, NWY10, NP14, WNC08, ZWZ+13]. **Restoring** [BBSW16, NO98]. **Restricted** [CS99, CL11, EHLW20, GH23, HJN17, LS05a, PC07, SCGT07]. **Restriction** [ABK+24, CCV14, MRS18]. **Result** [Van00]. **Results** [ABBM98b, CLMM00a, CLMM00b, CKS01, FGMP13, FMM98, HR99b, KR12a, KLRU17, KP07, LMPQ03, LZ02, SM18, TEE+17, VW98, MT97a, NCV06, FGMP14a]. **Resurrecting** [Ros96]. **Retarded** [GJ07, PS19b]. **Retractions** [CL23]. **Retrieval** [CLNZ16, EBSS+11, KBV09]. **Revealing** [GE96, SWW08, MV16]. **Revenge** [Den97a]. **Reverse** [NTZ+25]. **Reversibility** [CK07]. **Reversible** [BLR99, Cas05, GL15, HS97, HS05a, KL00b]. **Revisited** [CKOR16, Day98, IHTR12, SCDM+10, LZ94]. **Revisiting** [Ban08b, CWL+14, WWL25b]. **Reweighted** [GNL21, HAS20, KASL21, RVA17]. **Reynolds** [BY93, DHE13, FMW19, KV05, LFM22, NH12]. **Reynolds-Averaged** [DHE13]. **Rham** [BF24a, Kir14, PV08, PKD23]. **Rheological** [PPVV25]. **Riccati** [BGL08, BBSW15, BSSW13, BBKS20, Gar97, JR19, KS20, MPS18, ZFwCW15]. **Riccati-Based** [BSSW13, BBSW15]. **Richards** [BLS14, BCV13, CZ10]. **Richardson** [Bia94, BGH13, PP12b]. **Ridge** [GC19a, HNR17, HC18, LTC13]. **Ridgelet** [MF06]. **Riemann** [BCLC97, BMSV97, CLLY20, DW97b, EOD93, GGK+04a, Gur04, Hwa07, LLD99, LL98a, MV06, Pel18, ST17a, SRCG93, Tor12, XS24b]. **Riemannian** [BKR25, CA16, CEOR18, DP17, HAS+24, HGZ17, KSV16, LYLC17, NRO22, QZZ14, Ste16, SL24, SV21, Zim20, ZB24]. **Right** [ARMNW10, ALM19, BCCI98, CGL+13, CB98, HR05, KMR01, LN04, MN11, SG95, Soo16, SO10, CW97]. **Right-Hand** [ARMNW10, ALM19, BCCI98, CGL+13, HR05, KMR01, LN04, MN11, SG95, Soo16, SO10, CW97]. **Rigid** [BBBV13, BCF01, BLVZ23, CFSZ08, FHH+18, GHL25, JvGVS13, PM15, SU15, TUV10]. **Rigid-Body** [BBBV13]. **Rigorous** [DKSW19, JM18]. **Rings** [HRV11]. **Ripa** [DQ22]. **Ripening** [GM20]. **Risk** [GJM94, RVA17]. **RISOLV** [TET10]. **Ritz** [GN22b, HJZ23, Kal20]. **RK** [ALl19]. **RKDG** [CLL13, DY06]. **RKFIT** [BG17b]. **RLE** [SNB16]. **Road** [GPZ17]. **Robin** [ACF09, GK12, LBHH22, NV08, QX08, Zha22b]. **Robin-Type** [Zha22b]. **Robinson** [FKQS17, KSW20, QS14]. **Robot** [EKM94]. **Robust** [AHZ17, AGH+20, AAB+16, ACY+20, AJS22, AJ22b, AJNT25, AKMRB22, AAO23, AKM+14a, BLV18, BQW23, BBT24, BCT00, BT03c, BDvdG05, BR05b, BLGL11, BCM15a, Bol03, BKMRB21, BKKM22, BB09, BGMR01, BHM+21, BF22b, BRDQ24, CCY23, CA16, CF23, CGP19, AGJT21, DEV16, DLNW24, DSYG18, Egg18, EN16, GKP24, GL03,

GGLT00, GG05, GCG+19, GKT09, GLOR16, GPT22, HKL+22, HKLW21, HLNS19, HC25, HHL15, HJLZ18, HL18, Jou94, KR14, KPS19a, KP21, KRRB25, KL12, KMZ+25, KEC23, LU17, LMW17, LP22, LNZ19b, LLTY25, wLxY00, LSZ23, LSN25, LX16b, MM13, MM19, MPV21, MZWG16, Mu20, MYZ21, NN17, Oet99, OR02, OGO13, PBP14, PLT+21, Rak21, RL17, RSNNR17, RW22, RX18, SM17, ST16b, SKF18, SWN20, hSSW23, Slo02, TVV20, WL97, WCS00, Wan07b, WWY09, WW25, Wat04, WOP23, WGF08, Xia21]. **Robust** [YFCH24, Zam16, Zha20, ZS04, dlRRG19]. **Robustness** [CFH+00, Gup17, HJ98, LMR98, Man95, NL20, WI12a]. **Rock** [GYZ11, KWD22, AC08]. **Rod** [LFWP08]. **Roe** [Pel18]. **Role** [Dur16]. **ROM** [HKO+23]. **Roosbroeck** [Gär09]. **Root** [CGS02, GGM01, MOSS17, YCHS25]. **Root-Node** [MOSS17]. **Roots** [BWS20, BMV05, Bre17, GLR07, Goe94, KV96, KMV05, LX08, PH16]. **Rosenbrock** [LL23, LCR22, TS14, VSBH99]. **Rosenbrock-Type** [LL23]. **Rosensweig** [ZHY25]. **Rostami** [Gug16]. **Rotated** [HBL05]. **Rotating** [BLS09, BMTZ13, CLP08, GHL25, GP96, KLLM22, LYZ23, PS19a, TC12, WAS94]. **Rotation** [AdWGV+20, AKMRB22, BL07a, DK10, DSRMK17, GD03, KV12a, Lan98, LZ25, Mit08, OR02, ZLZ22]. **Rotation-Based** [AdWGV+20, AKMRB22, Lan98]. **Rotation-Two-Component** [ZLZ22]. **Rotational** [BBBV13, ZX24, ZHY25]. **Rotationally** [SK05]. **Rotations** [BCC20, Drm97, GV13]. **Rotor** [XYZ05]. **Rough** [DHP17, EL03, HHS+16, QZZ19]. **Rounding** [ABC+23, CHM21, ESdOCP23, ESdP24, EFFM25, GSM24, HM19a, MT24, RW97, ROO08a, ROO08b, YFS21, ZH09]. **Rounding-Error** [MT24]. **Routines** [HJ18a]. **Row** [DLRT23, GG05, GHS+15, GKN18, GCD18, Oli01, VD23, Dax93]. **Row-Merge** [Oli01]. **Rows** [HNR17]. **RTDs** [JLYZ23]. **Rudin** [CCS+19, LPP19]. **Rule** [BJW18a, CPP+17, GG18, LNP15, SO15]. **Rules** [Alp99, CKN06, GMvdV19, GM98, GL22c, GPTV15, HHZ22, LL03b, MC05, Str95, WS06, Wan07b, dAFR25]. **Run** [HR98a]. **Runge** [CMVPP24, AGC96, ACP25, AM17, AGH00, BM17b, BR09, BPR13, BBM+15, BRW10, BS25b, CQ22, CSS93b, CHAMR06, CGAD95, Cas05, CL23, CL24, CSX24, EM96, EG22, EG25, Fis19, GTLSCDGR24, GMM15, HMR09, Jay98, JWC21, Ket08, Kir24, KCB17, LLJF21, MNS07, McL07, MRS14, MHW22, MDKN23, OS98, PT99, PPR05, PKD13, Pat97, Pir16, QS05a, QS05b, RHL+21, RSD+20, RM08b, SS93a, SKPD22, SKP22, TVA02, TLT12, TP99, VV05, VS04, Zbi11]. **Running** [DP09]. **Runs** [SSDN12].

S [AC08, LCS+24, PL21, PM03]. **S-OPT** [LCS+24]. **S-ROCK** [AC08]. **S-Transform** [PM03]. **SA** [BFM+04, BMM+10]. **SABR** [LSPRV21]. **SABR/IBOR** [LSPRV21]. **Saddle** [BSSW13, BKMRB21, BORTP19, DW05a, DGSW10, EG18, GV12, HDOS23, IM98, Kla98b, Kla98c, KOV15, Krz01, KNV+16, LW19a, LP24, LSS03, LW04, PKV24, PHJ11, RH09, ST14b, WW03, YZZ19, dSO21]. **Saddle-Point** [BKMRB21, BORTP19, DW05a, DGSW10, EG18, HDOS23, KOV15, LW19a, LW04, PKV24, RH09, ST14b, dSO21]. **SAI** [MG09]. **Saint** [LCJ+20]. **Saint-Venant** [LCJ+20]. **SALSA** [FLM+05]. **Sample** [BGMW17, Kaw15, Kaw17, KL94]. **Sampler** [FL18, YWL21]. **Samplers** [FP14, TMM20]. **Samples** [Ant22, RNV19]. **Samplet** [AKMW25]. **Sampling** [AK15, ACD23, ABL20a, AHDK14, ABCP08, AWA+18,

BSHL14, BCMW20, BBC+16, BCCSS21, BQRS23, Bou01, BV16, BCV13, CLLW20, CS14, CILZ15, CIZ18, CHZ21, CGM00b, CHM02, CML+18b, CGF21, CDS24, DGS08, DHN17, EBSS+11, GYZ23, GLR+16, GCG+19, GNYZ18, GJ21, HN20, HJLZ18, JNZ17, JBL18, Kaw17, Kaw18, LSW24, LLZ08, LLZ09, LR25, LY22, MFSY19, Mar16, MTM08, Mit08, MDG+18, NHZ25, OKD16, OVV17, PF12, PHJ11, Peh20a, PDG20, Peh20b, QDKW18, Sch10, ST22b, SK23, Tre25, WLPU20, Wal14, WBTG18, WOP23, WI12b, ZWH+14, ZWH21]. **Sandpiles** [FV06]. **SART** [IJ08]. **SAT** [Gas13]. **Satisfying** [ADM+15, Bre17, FK19, LLLX16, LY14, ZLS12]. **Saturated** [FK97, SCC17, SCM10, Sta00]. **Saturated-Unsaturated** [FK97]. **SAV** [LL20, ALl19, ZHY24]. **SAV-ZEC** [ZHY24]. **Savart** [PRM09, Pol25, Ros06a]. **Saxton** [XS08]. **SBP** [Gas13]. **Scalability** [CGSR20, CFH+00, GRS+15, HRR23, HJ98, PDE+17, SMYS21]. **Scalable** [APSG16, AVBTG17, ARM+19, BMP14, BCMW20, BDGK18, BMF19, BEHR24, BF22b, BOKCW20, BWG11, DU19, DKL+19, DTT+16, DV20, FS22, GTK+17, GvR22, GBC+20, Gon15, GT19, KMA+12, KPS+25, KLR15, KPPS14, KC16, MZW09, MZWG16, MPRS23, MPS09, NKGG21, OBP+24, OSWP25, OKF14, PL12, PSC18, Sch10, TS24, VFHG25, WZB+23, WLX+13, WG20, XOMN10, YC14]. **Scalar** [ADR14, AHV18, BG20, CS18b, CS20, DHM22, GGS08, HC20b, HSY20, HS21, HL23b, JY21, LL20, LSZ23, Mar94, NMAB11, SCW23, TLE12, ZD19]. **Scalar-** [SCW23]. **Scale** [AAAH+19, AVBTG17, BCR03, BS05a, Ban08a, BSSW13, BBKS20, BHT09, BPSV15, BTY08, BB05, BCL99, BMPS22, BTWG08, BTGH12, CEJ+10, CV15, CCQ16, CN10, CP15b, CS17, CJMS23, CSW10, DDF21a, DDMQ18, DJT08, DKZ09, EHL06, FH21, FW24, FWA+11, FB95, FCZ23, FGH+08, GMKJ+24, GLSTV16, GM00a, HMAS17, HPS08, JR19, KFR21, KR23, KS20, KV13, LT09, LWG10, MBL+25, MWBG12, Men22, NN19, NLY23, OPRB06, OKF14, PS18, PKR+13, PHW19, RWDL19, RS02, RM08a, SBR06, SWW08, SWB16, SR18, SSW12, SSJB17, Sim07, SVX15, VHSP20, VMG09, VDD19, WWYX20, WYL+22, WM05, WT01, WRS17, XZL+25, Xue18, YPN+01, YGB+05, YMM14, ZYSL15, ZCC+16, BESS19, BHP94, CV12, MBKR22, ST94, TW93]. **Scale-Bridging** [PKR+13]. **Scale-Free** [KV13]. **Scale-Invariant** [RWDL19]. **Scaled** [BCP15, GMO14]. **Scales** [BMP16, GGPSV25, RSS20, RDP08]. **Scaling** [ACdS+11, AMH12, BDM+18, BPS+14a, BCK16, DRW20, KL15, MBS22, MDKN23, ROM18, SIDR15, Sch19, SJD14, XSC21, Kor93]. **Scaling-Squaring** [SIDR15]. **Scalings** [JLP18]. **Scanned** [KTB14]. **Scanning** [BC06]. **Scattered** [AKMW25, EO16b, GSWZ20, ILW17, KP07, LLHF13, LR99, RG20, SCW23]. **Scattering** [AAAH+19, AIL05, BCAG22, BL03a, BS05b, BYZ19, BLYZ24, BB10, BC06, BHNPR07, BER17, BCH12, BP24, BS06a, CCC18, CGM00b, CHM02, EIJH20, GH15b, GL22a, GBS+22, HN20, HV07, JL19, JKY24, JLY08, KY19b, Kon21, LAG14, LL19, LZ17a, Lee10a, LLZ08, LLS19, LH19, MG07, MZ94, NS06, NHZ25, PS10b, QZZ19, Rah00, RZ03, SPS18, SM18, WY19, WWW25, YWG21, YY25, Zha18b, Zha22a, ZB12, MMM+95, WM93]. **Scenario** [CDGM24]. **Scheduling** [AKK18, DGR+17, MDM15]. **Scheme** [AIP19, AH18, AT17, ALMT20, AV25, AD25b, ALRT17, AT19, AD18b, ANP00, Aru12, AR99, ABB+04, BBMZ20, BM11, BBK21, BCT05, BSMM16, BCI22, BCI25, BM08, BCF12, BF06, BKFG19, BFS16, BDM24, BF24b, BHK12, CCCC+24, CCFP12, CCJ21, CFR05, CK15, CS25b,

CH94, CJ05a, yCWHJ12, CFJT18, CG96, CPR11, DW97a, DW98, DY06, DFS17, Dax03, DDP25, DKKP14, DLV17, DGLW16, DY23, DB07, FKQS17, FF05, FCM12, FK25, GCD21, GW15, GLSTV16, GLL01, GB06b, GG05, GX16b, GMYL23, GMY24, GSW+25, HHZ22, HCRT13, HJP04, HRS12, HWZ19, HLW13, JNZ17, JS10, KK98, KSMM18, Kon21, KQW04, KTSB19, Kup98, Kup01, KL00a, KPW17, KLLM22, LFH19, LZG20, Lau22, LNP+07, LE17, LSW17, LM08, LW22a, LPR02, LQ24, lLTZ21, LSV13, LCJ+20, LW20a, Liu20]. **Scheme** [LWW22, LXL11, LW19b, MRI21, MABO07, MM19, MS06b, MW15, MKB22, MEF09, Nat98, NN19, Pet01, PJ96, QS08b, RY03, Ros96, SGS22, Sha21a, ST25, SZ06, SXL+22, SY08, SZZ21, Slo02, SZW20, TWZ21, Tou22, VS04, VA24, WL97, WT23, WDE+99, Wan04, WDG+18, WYT18, WY19, WM11, WT16, XZS23, Xu99, XZ23, YJ13, Yan21, Yu01, YCY19, YLF23, ZHY21, ZZZ21, ZLZ22, ZC25, ZHY25, ZCQQ21, dLRT09, McG95, ZzSpH14, NBA+14]. **Schemes** [AB02, Abg09, ADR14, AT20, AL24, Abg24, ABCH23, AM20, AKPRB08, AD06, ADGP25, BGL08, BLH02, BT06, BS25a, BBC+01, BCP24, BHN25, BAFF00, BM08, BCF13, BPR99, BP12, BV19, BS04, BM10a, BM10b, BH08, BR09, BPR13, BQRX22, BHT11, BC99, BL03c, BL05, BCV13, BKBT18, BDPR22, CFGM11, CZK15b, CZZK16, CCKP21, CPPR12, CEOR18, CHKM13, CCM08, CGK13, CGV18, CL23, CL24, CLAT10, CYZ17, CDI+25, CD20, CS20, CS23, Chr09, CLTX15, CL21, CG24, CHL16a, CHL16b, CKW24, Dar21, DMBB10, DQ22, DEP11, DBSR17, EG22, EG23, EG25, EF05, FGS14, FO19, FM11, FSvdV98a, FRS19, FMB13, FK19, FEM08, GPW22, GB12, GCB15, GZYW18, GZW20, GTLSCDGR24, GSW17, GKRB16, GML+21, HKYY16, HOY03, HS05b, HSWW08, HPS06, Hes98, HPAS24, HX21]. **Schemes** [HS21, ILK05, JlLGZ20, JL11, Jia14, JT98, JP00, JSZ13, JX13, JWC21, Jin99, JW13, JLZ16b, KPS19b, KS14, KW10b, KNP01, KPP07, KP09b, Ld12, LS12a, LO19, LE10, LV13, LL98a, LDS11, LV10, LM05b, LM12, LPR00, LNSZ06, LI01, LP23, LN03, LT00, LW03, LSZ11, LPS13, LY14, LP03, Lu95, MV09, MNS07, MB13, MMS05, MVBS23, MR01, NN03, Nor07, OL98, PPR05, PKD13, PLVG+22, PL21, Pet05, PPRS19, PP12b, Pup03, jQZ24, QS03, RSD+20, RU01, RSS20, Roe98, SL11, SRS19, SKWK18, SSBP24, ST14a, Sei95, SY14, SYY09, SY18, Ste00, Sur00, TB99a, TW05, TSX17, TIP23, Tor05, TKK16, VN03, VS03, WL01, WDGK20, WLY25, WBFA09, WMP24, Win10, WS20, XS24b, YHS07, YY18, Yan22, Zen16, ZS03, ZLS12, ZWWZ21, ZZX23, ZW03, ZFZ14, ZYLW16, ZZY20, ZQ17, ZQ18]. **Schemes** [ZLJ96, dlRGH+25, BH97, Hes97, LK93, SS93b]. **Schmidt** [BG22, BG25, CM25a, CCJ07, GL03, Ste08]. **Scholes** [iW11]. **Schrödinger** [ADKM03, AP19, ABK11, BHL24, BJM03, BK24, BCM11, Bru15, CL22, CCG14a, CCJ07, CMZ19, CRV14, DLY16, DL22, FMW25, FJ99, GRPG01, GMYL23, HWZ19, KL13b, LZ17b, LWZ17, LZZ18, LL25b, LYZ23, Liv08, Luo19, MCL19, OZ25, PJZ23, SSN19, TS24, YHL19, ZzSpH14, ZCHO24]. **Schrödingerization** [JLM25]. **Schur** [ARS21, BS05e, BG05a, BG05b, Bla03, CGL01, DS95a, DKXS18, FCR93, HVK18, HSF07, Kra12, KLL+16, LS05a, MG11, Mal07, MRT00, MMA98, MFPG18, OV07, PE00, PL21, PSLG14, SS99, TMA23, WB99]. **Schur-Type** [PE00]. **SchurRAS** [LS05a]. **Schwarz** [AKGK24, AJR23, AJNT25, And08, ADM10, BT03b, Ban08b, BGOD08, BC10, Bre00, Cai94, CGK+98, CS99, CL11, CPW15, CC12a, AGJT21, DK11, DGGG09, DGK+16, DGL+12, EDGL12, GMN02, GR05a, GK12, GX16a, GZ16, GV19, GJS19,

GV20, GLR23, GT24, GL25, Gar96, GKV00, Gar05, GSV20a, GH99, GC97, HJN17, HR07, HKR16, HKKR19, HHK19, HL20, HKK+22, HS25, KC16, KWG+20, KO19, Li94, LSC18, LNS15, LWSP22, Lui00, Lui01, MMK23, Mar09, MHR20, MPS09, Par24a, Par24b, PZPR07, PS08, PS11a, PBC05, PC07, QX08, ST00, SCGT07, ST96, TDTF03, WB99, WH13, WX17, XSWG23, Zha94, dlRRG19]. **Schwinger** [ABIGG16, LY18, ZNZ16]. **Sci** [BEM94]. **Science** [HC21, JKR08, WRB+15]. **Sciences** [SBMR18]. **Scientific** [ATWK19a, ATWK19b, ATWK20, BBC+16, CMZ+24, CC18, De 24, GvR22, HBB+16, KPÇA12, RLA25, SS03, TYUC19, ZWK+25]. **Score** [BCJ+21, HZKK25, JZD25, Ng94]. **Score-Based** [BCJ+21, HZKK25, JZD25]. **Screened** [HC25]. **SDD** [CLB21]. **SDE** [ABE+17, BM17a, GS14]. **SDEs** [BGS17, FK25, KS17, Vil15]. **SDP** [BTY08, LT09]. **SDP-Based** [LT09]. **Seamless** [GC17a]. **Search** [CKXZ18, GKL08, GT19, HKT01, LST07, OW02, SV21, Wan13, WJW21, XB16]. **Searches** [COS06]. **Searching** [CD15a]. **Second** [AVZ13, AdWR17, AGM+24, AV25, AD25b, BBSW16, BS05a, BBHJ21, BGN07, BB15a, BCI22, BKS23, Bre17, BLL07, Cas05, CK15, CYZ17, CS25b, CDI+25, CM99, DM13a, DZ15, Del14, DG09, DAE02, DHP17, DKM14b, EHLW20, EIL01, FL19, GV19, GW15, GBCT10, Gia18, GY05, GZYW18, GZW18, GLT09, GNPT18, GdLP+18, HW13, HL09, HH11, JlLGZ20, KM11, KP09a, KO05, KLLY20, KCB17, KP05, Kup98, KPW17, KL11, LP11, LZZ18, LQ24, LLTY25, LN03, LWW22, MWY17, NL16, OSWP25, ÖB05, PLVG+22, RL10, RM08a, ST03, ST25, TVA02, VSBH99, Vil14, YY18, Yan21, ZLLT15, ZYSL15, ZCS22, ZFL25, ABCR93, Atk94, She94, She95]. **second-** [She94, She95]. **second-kind** [ABCR93]. **Second-Order** [AGM+24, AV25, AD25b, BS05a, BBHJ21, BB15a, BLL07, CS25b, CDI+25, CM99, DM13a, DG09, DAE02, DKM14b, EIL01, GW15, GBCT10, Gia18, GZYW18, GNPT18, GdLP+18, JlLGZ20, KM11, KP09a, KO05, Kup98, KPW17, KL11, LZZ18, LQ24, LLTY25, LN03, LWW22, PLVG+22, RM08a, ST03, ST25, VSBH99, Yan21, ZLLT15, ZYSL15, ZCS22, ZFL25, AdWR17, GY05]. **Section** [Ben13, Ben15, Ben17, BD23, CM24, DJM16, De 24, GH07, KY14, MY21, Sta24b, TBC+11, Yav19]. **Sectorially** [EG25]. **Securities** [IT14]. **Sediment** [BSS09]. **Sedimentation** [BRBT12]. **Sedimentation-Consolidation** [BRBT12]. **Seeking** [Sta07, SM07]. **Segel** [HS21]. **Segmental** [ABKS16]. **Segmentation** [CCS+19, CMSS06, DMN08, HHMDC18, LQZ22, LB07, LB08, ZCE06]. **Segmentations** [HLT16]. **Segregated** [GNOR14, HSF07]. **Segregation** [Boz09]. **Seidel** [AM95, Day98, HNR17, TCn+23, TTMA22, Ver94]. **Seismic** [AKM+14a, BU15, BTGMS13, HKSS25, HCHY23, MWBG12, PDC99, vLH14]. **Select** [GS24]. **Selected** [LYL+11, dVL10]. **Selecting** [LLCW22]. **Selection** [AdVC00, CR24, CZ13, DG16, JMNS16, LCS+24, Lin16, MS07a, SX16b, Wei99, YYWY18, dVPS+17]. **Selective** [GL03, Gup17, RT10]. **Selector** [FLX21, WY12]. **Self** [BMP22, Bou01, CW22, CGO22, De 12b, GGS19, GHK14, LY13, PDTVM08, PCL+16, WMUZ13, Sta97]. **Self-Adaptive** [CW22, PDTVM08, PCL+16]. **Self-Assembly** [CGO22]. **Self-Avoiding** [BMP22]. **Self-Consistent** [LY13, WMUZ13]. **Self-Learning** [De 12b]. **Self-propelled** [GHK14]. **Selfadjoint** [CPV95]. **Semantic** [ZS99]. **Semi** [ALJ99, ACF09, ÁJHP24, BT06, BCT05, BSMM16, BP13a, BF14, BQRX22,

CCCC$^+$24, CF07, CM25b, CMSS06, EM24, GC16a, GRL10, GLMS22, GX16b, HMR09, KS13, Kor15, LL02, Lay03, MB17, MO10, PS19a, PPRS19, RG09, RLM$^+$00, DFK23, SLZ$^+$25, ZTBK18, ZCQQ21, dFL05, HO96a]. **Semi-Conservative** [PPRS19]. **Semi-Discrete** [BT06]. **Semi-Implicit** [ALJ99, ACF09, ÁJHP24, CCCC$^+$24, CMSS06, GRL10, GX16b, HMR09, LL02, MO10, RG09, ZTBK18, BCT05, BQRX22, CM25b, GC16a, KS13]. **Semi-Lagrangian** [BSMM16, BP13a, BF14, CF07, EM24, Kor15, LL02, Lay03, MB17, PS19a, RLM$^+$00, DFK23, SLZ$^+$25, ZCQQ21, dFL05]. **semi-Toeplitz** [HO96a]. **Semialgebraic** [BN23]. **Semianalytic** [MS07e, Zha18a]. **SemiAutomatic** [BCK22]. **Semiblind** [BDR18]. **Semicircle** [BMaK19]. **Semicirculant** [HO94, HO96b, HBS00]. **Semiclassical** [BJM03, BG07, CL22, FGL09, LL25b, PGSO24]. **Semicoarsening** [BFJ00, Den97a, Sch98, WO98]. **Semiconductor** [ANP00, BG07, DHL21, GJ08, JW13, Kla98a, Kla99, MT96, RWA95, Sar98, TJ25]. **Semiconductors** [BJ08, CCM05, DJP00, HJP03]. **Semiconvergence** [EHN12]. **Semidefinite** [Gri94, HGZ17, KLLY20, KOSB16, LWYxY18, ST14a]. **Semidiscrete** [BP13b, KP12b, KL00a, KNP01, KPP07, LMM18, TWK18]. **Semilinear** [AW15, BBH18, BV20, BWZ10, BHW99, CCEO24, CLXY25, CJ05a, GLSTV16, HJX23, KK18, LZ01, MW22, Par24a, ST00, WGT14, XYZ22, Xu94]. **Semiorthogonal** [Ste02]. **Semiseparable** [GCG$^+$19, WLX$^+$13, WEB25]. **Semismooth** [BU15, FLX21, WC23, LWYxY18]. **Semistructured** [MFY23, MBVOT22]. **SeMPIHT** [dMGF17]. **Sense** [BW96]. **Sensing** [ADLW19, DFG15, KBV09, TCDS21, YZ11, YLHX15]. **Sensitive** [Hwa07]. **Sensitivities** [AL07, DCB22, GK13, MNBK10, MM14]. **Sensitivity** [ACY$^+$20, Bar05, BBR04, BV00, BBC07, CLPS03, CDF18a, CKLP11, CABZ25, CAG$^+$19, GH15b, GV07b, GM00a, HTMM15, HvBW23, KSB11, PVC17, SW22a, SD21, TB02, WTWB09, ZCS22, ZPE12]. **Sensor** [GS12, KKZ17, MPV25, WCG23]. **Sensor-Location** [GS12]. **Sensors** [Far24, GG19b, SMZ18]. **Separable** [BGM09, BF95, CN10, MG23, NCCR22, OCY$^+$25, RT99, dBMZ11, DLG97]. **Separated** [BKK18, BKK$^+$21, KKK$^+$25]. **Separately** [AMHR15]. **Separation** [CCLZ25, HCHS13, LJ17, LZ20, PHW19, SX11]. **Separators** [KPÇA12, MTTV98]. **Sequence** [HH13, KKV13, KA95, MGH21]. **Sequences** [ACW21, AHK24, BRZ14, HHLL00, JK08, MC94, NHSS13, PdSM$^+$06, PV08, TT07, Pel93]. **Sequential** [AL97, AL99b, BDHS10, CILW23, CGDD11, DGHL12, DTV13, EPSS22, HS99a, LLL08, OK13, WLPU20, WRB$^+$15, Yan19, vdHCDD15]. **Sequentially** [dMGF17]. **Serendipity** [MMK23]. **Serial** [LSW02]. **Serially** [CDY07b]. **Series** [AM18, BS98, Bar00, Bar05, BKH$^+$22, FO08, Geo25, HT14a, HCHS13, Hor10, IK10, NP25, RO12, WM05]. **Set** [AGHJ23, BP13a, BH11, COS06, CGS02, CDM$^+$13, Cho09, FM07, GKL08, HKL$^+$22, HSW08, KP11, KS13, KKK18, LCG21, LQH21, LST07, LYLC17, MO00, MO10, MvdM21, NKM10, ORS25, PVC17, PSDF12, PST15, QL06, RS00, SF99, TKW08, TWJ$^+$23, Vog16, Wen10, YYS16, ZJX14, ZC23, ZCE06]. **Set-Valued** [PVC17]. **Sets** [BBC$^+$21b, CHX15, CWD13, FD03, HMST11, LZ13b, MYN20, MDC08, NX13, PD15, VZA$^+$23, PVK16, Zha18a]. **Setting** [ÇKAA22, OW02, SKPD22]. **Several** [EKM94, LW03, vD03, HHRV93]. **Shadowing** [CV94, HJ07, Van95, Van00]. **Shafranov** [LTzT21, PTT20a]. **Shah** [CCS$^+$19, DMN08]. **Shakhov** [CLQ12]. **Shaking** [GL15]. **Shallow**

[AK09, AL24, ABB+04, ADGP25, BBSV10, BM08, BP12, BCCX21, BL05, BT16, CCCC+24, CLP08, DEN21, FS01, FM11, GdLP+18, HK02, KP09b, KLLM22, Lay03, Le 05, LRP07, LP08, LDS11, LM21, Liu20, Mar09, MSS12, MRKS21, Par23, PS19a, RDL24, RLC08, RLM+00, TC12, YCC10]. **Shallow-Water** [BP12, CLP08, Le 05, LRP07, LP08, LDS11, RLC08, RLM+00, TC12]. **Sham** [BCD+25, DLY17, DL20a, LY13, YMW07]. **Shannon** [OGO16]. **Shape** [ACLZ15, BBH+25, BWB19, BMW24, BL23b, BLMS21, BLMS22, BLVZ23, BFP22, BCH12, CDGM24, CC12a, CDM+13, CGMV05, DEM+20, DD12, DMN08, DFJS19, EHLW20, FBvdZ24, GLM22, GLL+15, GHHK15, GMV99, GLZ22, HT13b, HSU21, HS06b, Haz08a, Haz08b, HL19, ISW18, LZ23, LZG+25, MBGV16, MPRS23, PWF18, SSW18, Sch18, SGS22, SW17, SSJB17, Sta24a, SD21, Wal24, vdZvBdB10b]. **Shape-Driven** [DEM+20]. **Shape-Linearization** [vdZvBdB10b]. **Shape-Newton** [BLMS22, FBvdZ24]. **Shapes** [BW20, DCSO10]. **Shared** [OAA20, Til15, NP93a, Gon15]. **shared-memory** [NP93a]. **Shared/Distributed** [Gon15]. **Shared/Distributed-Memory** [Gon15]. **Sharp** [BFSN08, GCS19, GvdV17, TX24, XLG+16, ZD09]. **Sharpening** [Rei18]. **Sharper** [HM20a, Van00]. **Shaw** [ZLY+18]. **Shear** [GT98, TW96]. **Sheet** [BN98a, BSA13, ISG15, Nit99, PMSG14, TPT+16]. **Sheets** [ALMR17]. **Shell** [LCH99, Nie16]. **Shells** [DGN25, SGS22]. **Sherman** [BCMM03]. **Shield** [ST03]. **Shift** [CLL20, CG17, LPS10, ZTK19, ZL25]. **Shift-and-Invert** [ZTK19]. **Shift-Invert** [LPS10]. **Shifted** [AHK24, BKL+17, BvG15, BDdSM11, BBD18, CG17, CGX21, FG98, FKN+20, KMZ+25, RSSM18, SBK13, Soo16, WWJ12, YBHY15, vGEV07]. **Shifted-Inverse** [YBHY15]. **Shifting** [Wat94]. **Shifts** [DKZ09, DLZ10]. **Shiu** [LSYY21]. **Shliomis** [dZHY23]. **Shock** [CC98, CLLY20, DW97a, DGLW16, FL97, GGK+04a, Hwa07, Men94, WL97, WDG+18, Wu99]. **Shock-Induced** [CC98]. **Shock-Stable** [CLLY20]. **Shocks** [MBKR22]. **Shooting** [CGR14, CDZ22, HM10a, Lam97, Rán93]. **Short** [CW16b, PPS22]. **Short-Term** [PPS22]. **Shortening** [BM11, MNRI19]. **Shot** [CC12a, Gub96, Haz08b, Haz08a]. **Shot-Noise** [Gub96]. **Should** [Che16]. **Shrinkage** [BL08b, LLS22b, MF06, WYGZ10, YYWY18]. **Shrinkage-Thresholding** [LLS22b]. **Shrinking** [YZZ19, ZDZ16, ZLY+18]. **Shuffling** [Gre03]. **SIAC** [vSRV11]. **SIAM** [BEM94]. **Side** [BCCI98, CB98, ELW20, SO10]. **Sided** [BB15b, LMT18, WMHK19]. **Sides** [ARMNW10, ALM19, BT03b, CGL+13, HR05, KMR01, LN04, MN11, SG95, Soo16, CW97]. **Sideways** [EBR00]. **Sierpinski** [BBSV10]. **Sigmoidal** [Yun03, YK03]. **Sign** [BSS09, GM17, Gar97, ROO08b, SQO02, XS24a]. **Sign-Definite** [GM17]. **Signal** [BS95, DLNW24, EK10, LKBJ18, NN05, RWDL19, Tao22, WDT22, XKZ95]. **Signaling** [SAE10]. **Signals** [AGHJ23, BBR08, GG09, HTH+16, SWU16]. **Signatures** [DG17a]. **Signed** [FMS17, ST14b]. **Significant** [Nik13]. **Signorini** [CBK18, DEP11, Rad16]. **Silicon** [BI09]. **Silvestre** [GN22b]. **SIMD** [BPT93, CP95, KHW+14, MH95]. **Similarity** [Pel18]. **Simple** [Abg09, BMTZ13, Bre96, Du11, GNOR14, GLQ18, GCN21, HT14b, HVK18, HZZ20, HS94, HL23b, KV96, LHN96, Mac98, MP20a, MY20, PNP13, Ren15, SA99, SvG08]. **Simplex** [Che05, HDZ16, JRGPR25, WI12a, WI12b]. **Simplices** [Isa20, Kir14]. **Simplicial**

[Mau95, MAK20, Ols07]. **Simplification** [RKLM18]. **Simplified** [BH12, BRZ14, EIL+09, HZ10, LD05]. **Simplify** [NP25]. **Simply** [DP98, NN18]. **Simulate** [DR13, Zha22a]. **Simulating** [AL99b, BMP22, BL23b, HP19, MBGV16, MDA22, MDC98, MM07, SAE10, WGF08, ZMqCS21]. **Simulation** [Ama98, AL07, BB13, BST08, BLV17, BGL+21, BG07, BI09, BLGL11, BBM+08, Bri24, BEOR17, CCM05, CLQ12, CM09, CC98, CLP08, CBCR14, CLK18, lCCVEKV17, CBF17, CVE13, DHS22, DMR17, DN97, Dor98, DP16, EAS08, EAA21, EFHL09, EKSS16, EdDP09, FFMT96, FL04, GM17, GHTW00, GY06, GL15, GM20, HA01, HS16, HBB+16, HK03, HPS08, Hof04, HWZ19, HCW20, HSSZ09, JLLY24, JP14, KBK+08, KRW20, KK02b, KP06a, KLT06, Kof04, KKT19, Kös07, LL19, LLS22a, LL03b, LY98, LLZ15, LS23, LNA+11, MBKR22, MML+24, MTV16, NK13, NNH99, ODN17, Ökt05, PDTVM08, PP13, QS14, RWA95, SB13, SCS04, SD11, TKW08, TK13, Ten98, TAY+19, TSM+25, TYUC19, VBA18, Wal18, WZ18, WLK06, WPT17, WFAP15, XW05, YC14, YTT21, YLY24, YGS+21, ZHQ20, ZL25, DS95a, MT97a]. **Simulations** [BBSV10, BHvST14, BPS13a, BPSV15, BGPS21, BN21, BRK16, CQ22, CL03, CW06, CWG10, DDGS16, Don06, EHL06, EM24, FHH+18, FTY15, FNL+19, FY14, GHK14, GST+99, Gob08, GM14b, GC16b, GZT+19, GX20, HHK+24, HHLZ21, Har08, HPR22, HKC+04, HJP04, IP06, JP01, KKP14, LJL09, LXZ23, LP04, LHR+18, LZ04, NK15, NKTY08, NH14, OKF14, PS10a, PKS21, Ros97, RHSK11, SM17, SXK17, SNB08, Str99, SRW+18, TTSM08, WSA16, WPGR13, XCS16, XZLX22, XZL+25, XLG+16, ZCT24, ZHY25, ZSD+10, YGCP96]. **Simulator** [PYSG13]. **Simultaneous** [AA14, AdSK19, ADLW19, BCH12, BS96b, BT21, ÇKAA22, HS06b, HID23, LD03, YSS07]. **Simultaneously** [AMHR15, CC10, CHZ21, ZGA10, ZZL22]. **Sinc** [LB11, RT11, SO15, ADS21, LW22b]. **sinc-Basis** [ADS21]. **SINDy** [RLA25]. **Sine** [AMHR15, BDZ13, Di 97, Zhe07]. **Sine-Gordon** [Zhe07]. **Single** [AGPR19, BSX22, BS06b, CCF14, CS94, CJ05b, Far01, HKL+22, MKWG15, Nov15, ZGA10]. **Single-Level** [BSX22]. **Single-Needle** [CS94]. **Single-Pass** [CCF14]. **Single-Phase** [AGPR19]. **Singly** [KW15]. **Singular** [AD25a, ACO23, AT19, BKK+21, Bet08, BC02, Car07, CPS11, CGHT14, De 12b, DLTZ06, Drm97, DF21, FH21, GV13, GSR19, GP18, Gu15, Hag00, Hel11, HJZ23, JN10, KO13, LS12b, LWW20, LXZ20, LSG24, LWZ13, LLJ22, MK24, MAH22, MCH24, MHS98, NV98, Nov23, Ste99, Str95, SJD14, TT96a, VVM12, Vir07, WZZ+25, WS15, XEG06, YR98, Yav98, YLF23, Yun03, YK03, ZZZ21, ZW03, BD93, BZ93, BR95, Gar96]. **Singularities** [AMVR17, BHH24, CKS01, CWZ07, XEG06, ZMK17]. **Singularity** [HJZ23, HJZ24, PLVG+22, Li94]. **Singularly** [KH18, LLS13, MM13, OW98, PFRS24, ST00, WO98, XYZ12, XYZ22]. **Sinkhorn** [KPR25]. **Sinks** [WLE+00]. **SIRT** [EHN12]. **SISC** [DSA23, De 24, Lan12]. **SISO** [DSZ13]. **Sivashinsky** [APS12, PWM22]. **Six** [XZS23]. **Six-Dimensional** [XZS23]. **Sixth** [HKYY16]. **Sixth-order** [HKYY16]. **Size** [BBC07, HS05a, Man99, CMV97, CFKM18]. **Sizes** [MPV21]. **Skeletal** [RDP08]. **Skeletonization** [HG12, MXB15, RD21]. **Skeletonized** [CD19]. **Sketch** [GS24]. **Sketch-and-Select** [GS24]. **Sketched** [BPR25]. **Sketching** [GKV24, LWZ24a]. **Skew** [BGLY05, BGL06a, DLP05, Gas13, JK10, MW01]. **Skew-Hamiltonian** [MW01]. **Skew-Hamiltonian/Hamiltonian**

[MW01]. **Skew-Hermitian** [BGLY05, BGL06a]. **Skew-Radial** [JK10]. **Skew-Symmetric** [DLP05, Gas13]. **Skinny** [CGHT14]. **Slab** [AHT12]. **Slant** [GV09]. **Slater** [ISS06]. **Slender** [MP20b, RS03]. **SLEPc** [CR16]. **Sliced** [CZ23]. **Slicing** [LXES19]. **Sliding** [GHL25]. **slimTrain** [NCCR22]. **Slip** [BH00b, LZG+25]. **Slip-Driven** [LZG+25]. **Slit** [Ama98, HT09]. **Slope** [MB13, Zen16]. **Sloppiness** [vLH14]. **Slow** [CE17, KPR25, LSU11, PFRS24, RS16]. **Slow-Decaying** [KPR25]. **Slow-wave** [RS16]. **Slowly** [KKV13]. **Slyozov** [GM20]. **Small** [AIL05, AILP07, BM95b, Bre00, BRW10, CEP20, DW17, DW94, GBS+22, KL94, May08, MT97b, RW06, Ste11, WZ18]. **Small-Amplitude** [GBS+22]. **Small-Sample** [KL94]. **Smallest** [BS05e, JN10, MB99]. **Smarter** [LLS22b]. **Smectic** [CYZ17]. **Smectic-A** [CYZ17]. **Smith** [Pen00]. **Smoluchowski** [FL04, MNBK10]. **Smolyak** [CM13]. **Smooth** [AG21, AHH06, BV98, CZK15b, CSW25, Cho05, DG17a, EFOS20a, EFOS20b, HSK19, Hel11, KO17, KD20, VZA+23, Atk94]. **Smoothed** [BFM+04, BMM+10, BOPGF06, DMM+10a, EO16b, Gon15, MGH21, PoH09, ST08, TY11, TY15]. **Smoother** [GNOR14, LRGO17]. **Smoothers** [BFKY11, CGBKS25, HLX23, LDM00, TB24, WMKK25, dlRRG19, Yav93]. **Smoothing** [BBT24, BGMR01, CKXZ18, FJP99, HJS18, HYW+25, HA08, JK11, LNS96, LTG22, MFJ19, MPV21, Ng94, RG98, TGC94, WZGO21, WWH17, Woo94, Yav96, ZW94, dWPR20, Ena97, Gu93]. **Smoothness** [GL22c, MKRK13, SCDM+10, vSRV11]. **Smoothness-Increasing** [MKRK13, vSRV11]. **Snapshot** [IW14, Wel20]. **Snapshots** [Wel17]. **SNS** [CCA20]. **SOBMOR** [SV23b]. **Sobol'** [HAG17, JK08]. **Sobolev** [BKM19, DK10, GRPG01, LZ21a, NR98, RN95, Ste00]. **SOC** [CFZ25]. **SOC-MartNet** [CFZ25]. **SODEs** [BRW10]. **Soft** [ACY+20, STY24]. **Software** [AS94, DJM16, EM96, HML+04, KMRW97, LXES19, LKvBW10, MRK20, PK19, ZAD+16]. **Software-Based** [LKvBW10]. **Soil** [BLS14]. **Solar** [WFG+20]. **Solid** [ASZ07, BK00b, BCG+10, KCZ15, LHL12, PRS12, PM15, ZJB20]. **Solid-State** [ZJB20]. **Solidifying** [KVMK01]. **Solids** [CG96, SBHS19, Tra95]. **Solitons** [LC05b]. **Solution** [ABLS05, ADGM98, AP97, AL99a, ANP00, AGR20b, ABI00, BS08, BCR11, BG25, Ban08a, BJNN02, BK98, BCCI98, BK99, BL03a, BD04, BLB00, BGK15, BSS09, BSSW13, Ber98a, Ber98b, BLM22, BK24, BE24, BMSV97, BK00b, BBC07, BIYS00, Bre99, BC99, BC08, BC09b, BDG20, BWZ10, BBR08, BKS98, BTGH12, CG18, CKS01, CGL+13, CR04, CLPS03, CH17, CH18, CP05, CCA20, CJMS23, DKDH20, DD00, DF20, DL19, DKKP14, DB94, DAE02, DKO12, DS17, DKZ09, DSZ13, DHZZ18, DTYY18, DLP+21, EAS11, ES19, EM99, EHW00, FB21, FL97, GS16, GG19a, GLL+14, GLMN15, GHST98, GHN01, Gre93, GV98, GS00, GV09, GS97, HRT10, HG98, HW15, HT13b, HBG25, HP94, HRS19, HHL07, HLM03, IM99, ISG15, JTZ08, JZ00, KW07, KBK+08, KKF11, KO99, KMR01, KLN20]. **Solution** [KP22, KRS21, KKK+25, LVWW03, Lan94, LL98a, LLP98, LW19a, LS13a, LV10, LR20a, LM14a, LSN17, LB15, LO03, LLL08, LGC+23, MM13, MR09, MSW05, MPRW98, MPW18, MT99, MHS98, NFFP18, OD12, PS13, PP05, PTT20b, QOQOP99, Rah96, SMZ18, SSW18, SBS98, SE11, SP02, SKPD22, SKP22, SS25b, Sta00, SJD14, Tim19, TC99, TW95, VMG09, WS95, WW22, WWM03, XK08, YG15, YHC16, Yan18, YVB98, YP98, Zha20, Zhe07, ZHDZ17,

ZS02, dlRGH+25, vWBV09, ABCR93, AS93, AO93, BZ96, BR95, BH97, BHP94, CDH97, LV94, MCJN94, PCDB96, SRCG93, Tre97]. **Solution-Based** [Ber98b, CCA20]. **Solutions** [APZ13, AEFM17, ADKM03, AFF+15, AA13, AF22, AHDK14, AGH00, BGK15, Bet08, BK04, BV00, BS96b, BBT11, BJW18a, CZK15b, CZZK16, CEJ+10, CDF18a, CXY10, CHWY23, CLXY25, CK94, DTM05, DP03, Du11, EFHT23, Ema10, ELtHR00, FS01, FBF15, FL02, GYZ24, Gär09, GGK+04a, GI99, GN22a, HXB11, JP08, KK02b, Kus00, LK21, LD03, LR98, MS07d, MKRK13, MRL+17, PL03, PFS21, PF23, RL18, RO15b, SBP04, SE13, SB05, SK05, SMN10, Tou22, VXCB16, WXK04, WHL18, Wat04, XYZ12, XYZ22, XXdH+17, YXTY24, ZGA10, Zha96, vSRV11, vdBF08, vdDA12, TR93]. **Solvability** [CG95]. **Solvation** [BZ10, QSM19, ZC23]. **Solve** [CCF14, CCEO24, CFM98, EVLW17, FT03, GH13, Gar94, HP14, Hog13, PRS12, QZZ14, Sar98, VS17]. **Solved** [MG11]. **Solvent** [WSA16, XJS13]. **Solver** [AAAH+19, AHK+17, AG18, AAII98, ABL20a, ACW21, AIV98, AMT10, BDJ05, BL04a, BLYZ24, BACF08, BL07a, BBFJ16, BPSV15, BG05a, BG05b, BCS11, BBD18, BIA99, BIA05, BT22, BP24, BS23b, CW22, CB98, CR24, CGG+14, CLLY20, CPD17, CJS25, DMS01, DW97b, DHL21, DP10, DHL20, EBK25, EG01, Fie98, For24, FG23, GHRR19, GH18, GLR+16, GM14a, GAD+21, GHST98, GHL+23, GS02b, Gur04, Hel11, Hen06, HD15, HG12, HG00, HYW20, Hwa07, IFSJ21, JMNS16, KCZ15, KZ00, KM18, KV12b, KL12, Kor15, KR12b, LAG14, LLW16, LNZ19b, LL08, LB12, LBBG24, LXYZ23, MR17, MB17, MGDB19, MBL+25, MM14, MK08, MSM14, MY20, OR02, OW98, PW98, PSS17, Rak21, RT99, RLM+00, SBK13, ST17a, SO18, TET10, Tor12, VB07, WW25, WSGT24, WRS17, XJBS12, XL20, XOMN10]. **Solver** [YC14, ZCS22, ZCT24, dlRRG19, BCLC97, EOD93, PTvR+14]. **Solvers** [AC04, AWM+25, AHZ17, AKS05, ALM19, AGL13, AGHJ23, BMF19, BEHR24, BBKS20, BCK16, BKKM22, BHMX18, BD99b, BF24a, BH07, BMV13, CPS20, CR16, CGC21, CCER12, CM15, CDPC13, CRV13, DDF21a, DS00, DMMO04, DFN12, DP19, EGKS94, EPSU09, EG18, FGMP13, FGMP14a, FGMP14b, FFMT96, Fan22, GMSB16, GGOY02, GRT05, GBC+20, GRS+15, GB06a, GJMM24, GKS98, GT19, GS97, Hig95, HO96b, HGRW16, HPS22, JSV10, KA95, KW00, KW18, LM00, LZ21a, LL00, LD16, LXdH16, LBHH22, LT14, LCJ96, LGH+13, MO08, MS07c, MKSG10, MMR19, MHR20, MS06b, MBT21, Mee01, NS19, OAA20, OSWP25, PNW16, PKV24, Pel18, PRR05, PPB13, PF94, PR96, PCD17, RDW10, RV10, ST16a, SO24, Sem10, SLC01, TBM21, TBG25, UEE12, WZ15, ZG23, ZGG17, dSO21, BME93, BEM94, CN93]. **solvers** [JS93, Lie93, She94, She95, vd97]. **Solves** [VCS24]. **Solving** [AFF+15, ACW12, AF15, ACD95, AH04, ADF+19, BS07, BBSV10, BW18, BW21, BPPR24, Bea20, BF23, BK06, BFN17, BT97, BGH+03, BH08, BHT11, BT13, BW96, BMMT14, BP06, BSS21, BWZ21, CLW13, CH09a, CQ24, CK17, CJH11, CZ10, CS96, CN99, CLB21, CYDK21, CLST03, CZ22, CS12, CGM00b, CHM02, DY06, DLY14, DN13, DH01, DQ22, DJLZ96, DS16, DSS20, DTYY18, DK03, EBR00, Elm98, Elm00, EPE05, Ett16, FTNB24, FF05, FMP06, FJP+11, FKW13, Gar97, GG03, GXZ21, GN23, GJ21, HHE10, HZ10, HPZ19, HP21, Hol99, HVW95, HC98, HY10, HJZ23, HL23a, HJZ24, HW09, HGZ17, IM97, JPPZ25, JX13, KS20, KL13a, KK25, Kra09, KW10b, LV98, LL17, LCH09, LSH17, LKH25, LSY19, LWL+24, LZ13a, LSPRV21, MK00, MHW22, MZDK22, Meu11, Mir21,

MR18, MMN00, Moo00, Mu99]. **Solving** [NWY10, NvdP00, OCY+25, Ökt05, PE00, PL12, PEdD12, Pol16, PC21, Pul08, QWW25, RNR16, RW01, ST17b, Sco17, ST19, Sim07, SCY25, SvG08, SV11, SO10, SL22, SXY24, TCY25, TO15, TCDS21, UG19, VP10, WZB+23, WLX+13, WC23, WiOH08, XYZ22, YCZ13, YDF97, YTLI11, Yu01, ZLLT13, Zha97, ZJC12, ZGK20, ZW03, ZQ17, ZHS23, CW97, LZ94, MT97a, PSB+06]. **Some** [AA13, BF01, BMR10, BDS98, BM12, BFS16, BT00b, Bur23, Cho01, Chr09, Gar00, GH02, GPW22, GLL21, HLL+22, Huc93, JZX+21, Jin99, LZ16, Man95, MS04, Mic01, Moo00, OL98, PABG11, RST93, Sun93, XQ94, DG95]. **Sonic** [BD99b]. **SOR** [BD05, DB98, GK11b, RWA95, XA99, Xie05, Yav96]. **SOTT** [ERL22]. **Sound** [CC98]. **Source** [AGH00, BQW23, BBK21, BKK+21, BBF+22, CGK13, CGZ24, Gia18, GHR12, GHR13, GMS18, HHP21, HR99a, HCHS13, JL19, JW05, LLSX21, SKN19, SX11, WKM+07, ZTM+16]. **Source-Term** [ZTM+16]. **Sources** [AdSK19, AKM+13, BT21, GKRNS19, HJZ23, KBV09, WLE+00, YLF23]. **Space** [ALLK15, And16, BO17, BK99, BCMW20, BBH18, BC09a, Ber95b, BCJ+21, BP13b, BV16, BRZ14, BDE08, BBH20, BTWG08, Bur97, BHK12, BH16, CPW15, CDG17, CSB+18, CMS94, CCRT21, CF23, CYHY24, CC19, CHO12, CFM96, CCG14b, DDMQ18, DSW22, Day98, Dk00, DJT08, DT00, DMSC18, DW15b, DMD+12, DB07, DGvdZ18, EKSW15, FDE+06, FMB13, FK21, Fu21, GS98a, GN16, GBM22, GJZ18, GOV06, GST23, GRPK19, GMPZ06, HP14, HLP23, HKR16, HHW00, HLNS19, HV95, HC98, HHLW15, ISS19, KV20b, KV12b, KS14, Kye12, LZ21a, LSTY21, Leh15, LSC18, LSY19, LGC+23, Moo00, MCV17, NHSS13, NXDS11, NT18, PNW16, PvdVvG17, PS19b, PBC05, RF10, SV08a, SSR21, SW22a, Str94, TY08, TW05, TMD24, Tou22, VBA18, VD23, WMC12, WB12, WGT14, WMOZ22, XZ23, YCHS25]. **Space** [YTLI11, YYS16, YHC16, Yan14, Yu01, ZK14a, ZZ04, ZGK20, ZzSpH14, ZLTA15, AE95, WMC11, GZ19]. **Space-Filling** [BH16, GST23, GMPZ06]. **Space-Fractional** [ALLK15, DMSC18, DW15b, GRPK19, PNW16, WB12, ZK14a]. **Space-Invariant** [BDE08]. **Space-Split** [SW22a]. **Space-Time** [BO17, BBH18, BV16, CDG17, CYHY24, DSW22, GN16, HLP23, HLNS19, LZ21a, LSTY21, LSC18, NT18, PvdVvG17, PS19b, SSR21, TMD24, Tou22, WMOZ22, XZ23]. **Space-Transformation** [HC98]. **Spaced** [GJLX16, Har11]. **Spaces** [ACK19, BKM19, BF22a, CGSR20, CGZ23, AGJT21, DH24, DW17, Doh21, EAA21, GL22c, HLG24, HKKR19, HHK19, HL20, HKLW21, HKK+22, HS25, KKR16, KP22, KC16, LZ21a, LCE22, LMM17, MS13, MT19a, MNvST13, MPRS23, NS21, Par24b, PF12, PV08, QZZ14, RV22, SStM23, ST24, SW17, SP16, WI12b, YZ05, ZT17]. **SPAI** [JZ13]. **Spalart** [DHE13]. **Spanning** [HSK19, PP97]. **Spark** [CHJ16]. **Sparse** [AKA13a, AGSS19, AGL10, AKA13b, AA14, ARS21, AJS22, AJ22b, AJR23, AJNT25, ADL+12, ALM19, APÇ04, ABB+16, BK07, BW18, BW21, BSH16, BB08a, BGM13, BM95a, BMT96, BT98, BT00a, BT03c, BNP15, BBFJ16, BCFJ19, BAS09, Bit99, BC13, BESS19, Bör09, BvW09, BS99b, BT99, BGMR01, BCMM03, BG12, But13, CS99, CH17, CK23, CCA03, tVÇAU10, CCQ16, CS98, Cho00, CLN12, CV98, CKLN98, CHKsL20, CFM98, DS00, DLP05, DHL20, EIJH20, FLX21, Far24, FUNB18, FLU+20, FS11, FJHM19, GN14, GNL21, GLS13, GSR19, GG05, GS98b, GJMM24, GHS+15, GKN18, GOV06, GDL07, GBDD10, GCD18, GH97, Gug16, GC16b, HN19, HKK+13, HHLS15, HJ18a, HC05, HK00, HP94, HRS10, HWS05, HV07, JNZ17, JFG15, JKY21,

JN25, JL19, JL20, JZ13, JSZ22, JP08, KU18]. **Sparse** [KAU18, KS23, KD20, KMSM14, KHW+14, KM12, LSW02, LOSZ07, Lee13a, LSC03, LJ17, LWL+24, LYY24, LYL+11, LGCL21, MW01, MW13, MDM15, MS20, NK15, NJ14, NTZ+25, OB21, OA93, OTV19, PZZB15, Pen00, PK19, PCD17, RT10, RWDL19, Ros15, RS99, Ruh98, Saa96, SZ99, SS99, SKO21, SO24, Sch19, ST17b, Sco17, ST19, SY10b, SY12, Sun96, SX11, SO18, TCZC19, Tao22, TW03, TB99b, TMM20, TMA23, TTY16, UA04, UA07, VHSP20, VM13, WZ03, WWYX20, WYGZ10, XS17, Xia13, XXdH+17, XZ14, Yan94, YSX17, Yin09, YB09, ZGA10, ZTRK14, ZLWZ18, ZZL22, ZSPL21, AS93, AMB+94, BZ96, EL93, MH95, MS93b, NP93b, PS93, Rag95, RG94, Rot96, Sch93, MG09]. **Sparse-Approximate-Inverse** [MG09]. **Sparse-Dense** [ST17b, ST19]. **Sparse-Grid** [BvW09]. **Sparse-Grid-Based** [LYY24]. **Sparse-Sparse** [CS98]. **Sparsification** [APSG14, BFG+16, GS18, GWBW22, PCD17]. **Sparsified** [TY15]. **Sparsifiers** [HL23a]. **Sparsify** [LY18]. **Sparsifying** [HBG25]. **Sparsity** [ALM19, BZ21, BL08b, CPS20, Cho00]. **Spartan** [Hri05, Hri03]. **Spatial** [AD06, Boz09, CMM+07, CLAT10, DTT+16, FL19, HDF+19, JV96, KKP14, MTM08, Min02, PV08, Pol25, TP21, WP98, Zim13]. **Spatially** [AK04, BLMR02, CCA03, FUNB18, HTH+16, KS19, NO98, NNH99, OB21, OVV17, SM19]. **Spatio** [Yan18]. **Spatio-Parameter** [Yan18]. **Spatiotemporal** [BF16, GMKJ+24, LC05b]. **SPD** [GRT05, SIS96, Xia21]. **SPDEs** [ZRK15, ZK15, BAS09]. **Special** [Bal00, Ben13, Ben15, Ben17, BD23, Bre17, CVW06, CM24, DJM16, Elm98, Elm00, GL18, GW04a, GLR07, JKR08, KY14, MY21, Sta24b, Tum10, TBC+11, Vas07, Wan01, Yav19]. **Specific** [LQC23, Wu21]. **Specification** [UG19]. **Specified** [FH21]. **SPECT** [IJ08]. **Spectra** [ADF+19, LW97, Mön08, VR14, XS16, BW93]. **Spectral** [AG18, AGM+24, ACLZ15, BDD+97, BT03a, BJM03, BLV17, BGL+21, BSSS23, BS05e, BG98, BMF19, BK00a, BK10, BEKM16, Bjø95, Bla97, Bla98, BIA99, Bru15, BOPGF06, Buv20, CI19, CLGR25, CGQ10, CG99, CR23, CDG03, CGG07, Cas97, CCS97, CFH+03, Che05, CSW25, CCO11, CEO11, CF05, CG07, CGI11, CRV13, DM16, DJT08, DL20a, DAE02, Doh21, DMSC18, DMM19, Du16, FTY15, FMRR13, FS02, FW97, FM16, GHHH17, GK11a, Gas13, Geo25, GP99, GM14a, GRT05, GRMS09, GS21, GN22b, GX20, GML+21, GMYL23, GMY24, GYM25, GN07, HOY03, HMAS17, HN22, HNS08, HL95, HT00, HJQ24, HAN19, HC20a, HCW20, HHSY22, JKRS25, KLV+16, KZK17, KRR23, KS19, KBD21, KG14, LM20, LZ17b, LYY24, LW25, LZK17, LZ25, LDX25, MS17, MC09, MT19b, MW08b, MZ24, Mor23, NH13]. **Spectral** [NN03, Ols07, OTV19, PGSO24, PKD13, PCFN16, Pav98, PZPR07, PWZ10, QSY24, RS16, SDNL10, She99, SY10b, SY12, SWX16, SDC24, SF08, SJD14, TW12, TWYZ20, TO15, TT06, TLE12, WHL18, WMHK19, WZ22, WG00, XLS18, XSC21, XCS16, XZS23, XL18, XAKS23, ZKN21, ZK14a, ZK14b, ZCZK14, ZZK15, ZMK17, ZZ16, ZLTA15, vGEV07, vHBTC12, Lie93, MMPR93, Nat95, Nat97, She94, She95, She97, Tan93, BT97]. **Spectral-Element** [CSW25, MZ24]. **Spectral-Galerkin** [DAE02, She99, She94, She95, She97, BT97]. **Spectral/** [ZKN21]. **Spectrally** [BWV15, CBG12, CSZZ20, HO18, JL11, SL20, TXZZ22]. **Spectrum** [AK15, BS06a, CFKM18, GK03, RC23, ZB12, Gut93]. **Speed** [AIP19, CLLY20, DH21, HC20a, DS95b]. **Sphere** [BL07b, CF97, DLTZ06, ES00, FF05, FP07, GPS12, Kog24, Lay03, LS00, MCB18, MN18, RLM+00, TDTF03,

TWW16, WL11, Wan13, YCC10]. **Spheres** [EAA21, GJLX16, LWZ24a]. **Spherical** [AA00, BLS06, BN00, BCY21, FF05, For95, GSV20a, GV13, JKL22, KMS15, Li99, LWZ24a, MK08, Nie16, RDL24, RT05, She99, TWW16, WTW17, XCLQ20]. **Spherically** [WT16]. **Spike** [TTMA22]. **Spike-Based** [TTMA22]. **Spiking** [ZWK+25]. **Spin** [BL08a, BTY25, CL18a, CBDW15, TCWW20]. **Spin-** [TCWW20]. **Spin-1** [BL08a]. **Spin-2** [BTY25]. **Spline** [AGI10, ABP18, BF95, BFK03, BFK05, BF06, Bit99, BB15c, LS00, MS07d, Ng94, Red99, Sun95, TGC94, TV98b, Bia94, HHRV93]. **Splines** [BLS06, HHL07, KH22, LS94, LZ13b, PG22, VHSP20, Woo94, Zha18a, AE95, Gu93]. **Split** [BAFF00, HJMS07, Lee13a, LK15, SW22a]. **Split-Step** [HJMS07]. **Splitting** [AB16a, BA05, BQQ08, BGLY05, BGL06a, BJM03, BS05c, BBC+21a, BCC20, BV20, BZ21, BCM11, BCCSS21, CGGGS15, CZK15b, CFSZ08, CS18a, CDI+25, CLST03, CDB13, CJK10, CJ95, DJT08, DBK25, DMD+12, EO15, EO16a, EL18, EBK25, FKQS17, FK25, FZB20, GL22b, GLQ16, GLQ18, GKRB16, HL09, HJZ23, HiH18, KQW04, LL00, LSN17, LTG22, LWW22, LZ25, RX17, Rim18, RS16, RKW20, Sha21b, Sha03, SSN19, WL97, WGS25, YHS07, Yun03, MTV16]. **Splitting/Finite** [LLQ24]. **Splittings** [JP95, KS23, MPRW98]. **SPMR** [EG18]. **Spray** [BCM15a]. **Spread** [AHPG24, BNP15, JBL18]. **Spreading** [Ros96]. **Spring** [CJ09, LP03]. **Spring-Mass** [LP03]. **SQP** [PBC05]. **Square** [AKA13a, FCZE14, GGM01, LZ17b, MT97b, RW06, YCHS25, dAFR25]. **Square-Root** [YCHS25]. **Squared** [CCG14a, Gro02]. **Squares** [AMMR10, AMM+10, AMM+11, ABM+13, AV14, AS22, ALMR17, ABO24, AD15, AMT10, BLH02, BGM13, BT03c, BDKR21, BATI25, BKM24, BS99b, BW96, BKMM10, BLM03, BMMT14, CLMM00a, CLMM00b, CCL24a, CPV95, Car10, CHP20, COS21, CAS11, CC19, CP17, DMMO04, DMMO05, DG98, DP20, DL23, DMM20, DSS20, EHS+07, FMM98, FGHO97, FS11, FNB06, GW17, GI17, GKK15, GNYZ18, HN22, HLMM06, HLM+09, HP21, Hok17, HM20b, HY10, HY14, HJLZ18, JR19, KMS15, LSH17, LMMR00, LFB13, Lee14, LM15, LMM17, LRS02, LD11, MWY17, NP14, PE00, PBtTB+15, QOQOP99, RDB16, RWB25, RtTBAI21, ST16b, ST17b, Sco17, ST19, SX16b, SMYS21, Sta00, Str93, SV25, TZ14, TLH21, TBO10, WWYX20, Wat98, WPT17, WEB25, XS16, You94, ZCC+16, ZWZ+13, ZNX14, dMHJM00, ten95, BR95, Dax93, NP96]. **Squaring** [AMH12, SIDR15]. **Squeezing** [HPZ19]. **SRB** [SW22b]. **Stability** [AD07, AW11, AP93, ACF09, BYK05, BM10a, BM10b, BDV24, COZ96, CRS+18, CH08a, CKLP11, CFM96, CS10c, CMVPP24, DJMR23, DSB99, DP07, DHE13, DR13, Dur16, ES18a, ELM21, FCF14, FDH+20, Gug16, HP94, Hig95, HV04, IM97, Ket08, KP07, KEC23, LPR98, LZZ18, LW25, LC05b, MP20b, MR02, NH12, OB08, OX22, PDG20, QNNZ19, RP01, Ros15, RX18, Sch05, SZS97, SNB08, Str93, TYZ19, TLH21, WL08, WLY25, WTG12, WGS25, ZSB16, ZZ22]. **Stability-Corrected** [DR13]. **Stability-Preserving** [Ket08]. **Stabilization** [ABD+17, ABPW21, BBSW15, BSSW13, BBH24, BS06b, Bur23, LNP15, LR12, ZHS10]. **Stabilizations** [JJK23]. **Stabilized** [AVZ13, AdS22, AGH+20, AHN+20, ABN21, AV21, BH14a, BM11, BBGS04, BCLT15, BBKT15, BL07b, BRBT12, Bur13, Bur14, BCM15b, CSW14, EHS+07, EMNS20, GHL25, Gar97, Giu22, GSM20, HO25, JY21, KS99, LLJF21, NG18, Sch19, SV03, SSF16, ZS02]. **Stabilizer** [MYZ21]. **Stabilizer-Free** [MYZ21].

Stabilizing [CD06, HiH18, VW98]. **Stable** [Abg09, ACH+23, AN16, ABP18, ABB+04, ADGP25, BN98a, BS05d, BEKK24, BHN25, BG24a, BHT11, BDK12, BSU19, CGGGS15, CM25a, CDC19, CL24, CCH+25, CWX15, CYZ17, CLLY20, DM13a, DS16, Dua24, DKM14b, ERSZ17, EOR24, EG25, EPMN25, FM12, FP07, FLF11, GHMY18, GL22a, GMV99, GZW18, GZW20, HT14b, Hel11, Hes98, HT00, HYW20, HS21, JL11, JSZ24, JLM25, KG14, KLY19, KWD22, KW16, KM12, LW12a, LO19, LLHF13, LLX15, LQ24, lLTZ21, LLS24, MC10, NH13, NS06, OH21, PCFN16, PSC+16, PJ96, jQZ24, QNNZ19, RSD+20, RDL24, SBHS19, SWN20, ST25, SY14, SXL+22, SO09, TKCC13, Wan22, WM05, WS20, YY18, Yan21, ZHY21, ZWWZ21, ZZX23, ZYLW16, ZK15, HG96, Hes97]. **Stack** [SNB16]. **Stack-RLE** [SNB16]. **Stackelberg** [dCFC20]. **Stage** [AKK18, BCG+10, LD16, MHW22, MDKN23, OS98, SV24, SW09, WC23]. **Stage-Parallel** [MDKN23]. **Staggered** [AT17, ALMT20, Abg24, GHTW00, GZW18, KZP20, MV09, PCFN16, TPB17, ZP18, ZP20]. **Standard** [CPW15, FKTW10, Lan19]. **Star** [BF22b, GTMP07, KH22]. **Starting** [YC99]. **State** [AB19, BD04, BG24a, BCJ+21, Bla03, BK00b, CGP22, CDG+09, Day98, DD00, DY23, Elm99, FKQS17, Far24, FL02, GLM22, Gär09, GMSB16, HS06b, Haz08b, HLLM15, HLZ25, HYC16, JSPC97, KH14, KLW02, KSW20, KK16, KTSB19, LQH21, LWG10, LXK08, LYZ23, LCY+20, MT19a, MV06, NMFP16, OPR23, Pet05, PS12, QS14, RCC18, Str00b, TP18, VBA18, VS17, WG12, YCHS25, ZC25, ZJB20]. **State-Of-the-Art** [GMSB16]. **State-Space** [VBA18]. **States** [BL08a, BR19, BTY25, DP17, DL22, JSCB20, LC21, TWL21, TCWW20, ZDZ16, ZX24]. **Static** [ADGP07, DKL+19, GDL07, HH11, JKLZ18, KV20b, SP16, VP14, WW22, ZHL21, ALZ14]. **Statically** [AP23, DHM+23]. **Stationary** [AOS20, CCF14, CRS21, CDI+25, DN97, EAA21, FMW19, FGM08, Geo25, Gro02, JSCB20, KOSB16, LLP98, LP22, PEC+14, RW13, RL13, Sar98, SK05, SSF16]. **Statistic** [CPT05]. **Statistical** [BEG+08, BF13, BFI07, CPP+17, GGK+04a, KL94, KLR98, KHKL16, LX08, Lee13a, LWG10, MWBG12, TW96, YCHS25]. **Steady** [Abg09, AB19, BLH02, BW11, BG05b, BK00b, CC12a, CDG+09, DD00, DY23, Elm99, FL02, Gär09, HLLM15, HYC16, Hun96, JSPC97, KLW02, LJL98, LCY+20, Pet05, PS12, Str00b, TLN14, Wu99, LK93, MMPR93]. **Steady-State** [AB19, CDG+09, DD00, DY23, Elm99, Gär09, HLLM15, KLW02, LCY+20, PS12, Str00b]. **Steerable** [MMS23]. **Steered** [MPV21]. **Stefan** [BH11, CBK18]. **Stein** [CG21]. **Steiner** [EÜ09]. **Steklov** [Nat95, Nat97]. **Stellarator** [HBJ04]. **Stencil** [BDM+18, BNN23, DRW20, GTK+17, KP09a, LGH+13, MHL+15, MSK25]. **Stencil-Aware** [LGH+13]. **Stencil-CSR** [BNN23]. **Stencils** [BR18, CSX24, GV15, IT09b, LLHF13]. **Stenotic** [TY00]. **Step** [AP14, Bar99, BCF13, BFK05, BBC07, CFR05, Cas05, CGK13, CS96, CLST03, CSW10, FR23, GASSS98, GvdV17, GV09, GM11, HS05a, HLW00, HJMS07, HLZ13, Jah04, KR21, KW15, LHL12, LNP15, MPV21, Mou20, SB13, XZ23, AMN15, CSS93a]. **Step-Sizes** [MPV21]. **Stepping** [AM17, BHL22, CS10b, DHL+23, DG09, EJL03, EG22, EG23, GGS08, GMM15, GM15b, GM19b, GML+21, JlLGZ20, KT05, KGGS10, Kir24, KR11, Li10, MW22, MN18, ODN17, QZT11, RPSS22, SKWK18, SNB08, TT20, LK93, NW22]. **Steps** [lLTZ21, MPV21, jQZ24]. **Stepsize** [BLR99, BB02, DGLL21, KW10a, LLLH24, RW06].

Stepsizes [HS97]. **Stepwise** [AdVC00]. **Stewartson** [KR11]. **Stiefel** [BL99]. **Stieltjes** [LN23]. **Stiff** [AC08, AVZ13, AdS22, ACP25, AV21, BJ01, BQR18, DWQY19, EJL03, GK03, GH25, HG98, HR99a, KT05, KW15, KK16, KR12b, LG97, LT14, MZM25, MN18, ÖB05, RSW10, RSS20, ST22a, JS93, Pem93, Ver94]. **Stiffened** [ZC25]. **Stiffness** [GMvdV19]. **Stirred** [BK04]. **Stochastic** [AE08, AC08, ACVZ12, AVZ13, AdS22, AB16a, AAO23, ALM22, BCT07, BBP13, BS16b, BLY21, BSX22, BS23a, BPT19, BV16, Bri24, BRW10, BB02, BLL07, BDW11, BJW18a, CFZ25, CZK15a, CYDK21, CTU25, CBG$^+$19, CCG14b, CHM21, CML$^+$18a, CML$^+$18b, CVE13, CPB19, DD23, DEN21, DKM14a, DNP$^+$04, DTT$^+$16, DP16, ES22, EW00, ESdOCP23, ESdP24, EFFM25, ES19, EFHL09, EPSU09, FNR25, FS12, FS13, FKRH22, GH15b, GYZ11, GW20, GM98, GLMN15, GHKF22, GKRB16, GM11, GNZC17, GK13, HHS$^+$16, HMAS17, HAG17, HWZ19, HJX15, IP06, IT09b, JL03, JCL07, JLP18, JSC24, KK13, Kaw18, KPS19a, KP21, KS11, KCB17, KHRvBW13, Kue12, KK16, LZG20, LV20, LRD$^+$04, LE17, LCD18, LJ17, LST20, LVR24, LCXZ25, LKBJ18, LT12, MS07d, MW08a, Man05, MWBG12, MW03, MEHL16, MNvST13]. **Stochastic** [MT97b, MT06, Mis01, MTV16, MS07e, MS18b, MW16, NX12, NJ14, NGX14, NT18, NCCR22, OKD16, OL98, PW12, PTS23, PTSA23, PSLG14, PMSG14, PEdD12, PP12b, PK23, PSS17, QS08a, RW06, RKvdDA14, RV10, SDNL10, SB13, TLN14, TVA02, TLE12, TCCK18, Ull10, UEE12, UG19, Vil14, WXK04, WGT14, WRB$^+$15, WZGO21, WC23, WI12a, WI12b, WFAP15, XK02, YG15, YSX17, YZK20, YTT21, YWdCN$^+$24, You25, ZRTK12, ZFwCW15, ZBK18, ZGK20, ZCP06, ZFZ14, Zyg11, vdDA12]. **Stochastically** [HGPM14]. **Stockwell** [WO09]. **Stokes** [GHMY18, HLLM15, XZ10, ABD$^+$17, AFOQ19, AOS20, ABN21, ABS96, ACL09, AHT17, BMV18, BH00b, BBSW15, BWV15, BBGS04, BDK$^+$20, BSSW13, BL07a, BW11, BS15a, Ber97, BDZS24, BLVZ23, BKKM22, BBKW19, BT13, BJP$^+$22, BT22, BCM15b, CLMM00b, CW07, CHL20, CGP12, CMS17, CP13, CLS16, CST16, DG98, DLTZ05, DS17, DHE13, EAOS21, ES96, Elm99, EHS$^+$07, Ena97, FMW19, FMS24, FF05, FGM08, GH13, GNOR14, GK18, GP99, GRL10, GRS$^+$15, GHST98, GW98, GK98, GO09, GLOR16, GM15b, GM19b, GZ19, HSB20, HNU23, HG96, Hes97, Hes98, HLM$^+$09, HBS00, HQH$^+$16, ISG15, JL11, JVG12, JLWZ24, JK05, JK00, KS99, KLW02, KL05, KW07, KGGS10, KL06, KL10, KZP20, KGR16, KR22, KOV15, KBG18, LW12a, LHL12, LLP98, LL97, LL03a, LM20, LRV22, LL00, LP22, LBF25, LZ23]. **Stokes** [LGHL23, LCW95, LLL08, LRT11, LBHH22, LY22, LQC23, LKBJ18, Lui01, LRGO17, MMPR93, MP20b, MP08, MS25, MS18a, Mu20, MYZ21, NSK10, Not17, OR02, OQRY18, OKGG$^+$23, PCFN16, Pav98, PT01, PP08b, PRR05, PM95, PS12, RSD$^+$20, RX17, RW11, RG09, RW22, RSG17, SS98, SWT00, hSSW23, Sma01, SSF16, SU15, SS95, TLN14, TLLK09, TMD24, TP09, TC99, VY09, VMOT25, WWY09, WWY11, XWT24, YSZ14, Zha22b, dVL10]. **Stokes-Type** [GO09]. **Stokeslet** [GCS19]. **Stokeslets** [Cor01]. **Stopping** [AGL13, BHvST14, BR05b, CPP$^+$17, EV13, FS08, GCG$^+$19, GdSW25, JSV10, Mar01, ZG23]. **Storage** [CF07, CC18, Ket08, KMSM14, LW14, RY03, RLG98, War13, WM11]. **Strain** [CEP20]. **Strang** [BV20, SSN19]. **Strassen** [HMvdG18]. **Strata** [SK23]. **Strategies** [AGSZ16, BQRS23, BW01, Cha18, CML$^+$18a, CML$^+$18b, GS97, HSCTP04, KKKK24, KK25, LCK21, MS07b, MOKS12, May05, MM95, MMV98, RWW14, SvG10a, Wab05, WZ03, vdVY00, Wat94].

Strategy [ACD23, CGDD11, DTY20, DCB22, DMD+12, HR99c, HGPM14, MS07a, OST11, Pir16, QZT11, RPSS22, TP18, VVM12, dDBV14, vdHCDD15]. **Stratified** [GLSTV16, LLS19, SK23]. **Stream** [AHH12, BJP+22, GV16, Kup01, MS25, PM95]. **Stream-Tube** [AHH12]. **Streaming** [Kös07, KVV23b, RLA25, SCM10, TYUC19]. **Streamline** [AKM14b, LR12]. **Street** [MDA22]. **Strengthened** [LLZ09]. **Stress** [Del14, GP99, KRRB25, Min02, Rei20]. **Stress-Assisted** [KRRB25]. **Stresses** [Nie16]. **Stretching** [DR13, ST19]. **Strictly** [KY19a, KLLY20, Mor23]. **String** [WS07]. **Strip** [QSV06]. **Strips** [Coa12]. **Strong** [BCK16, CCL+20, CS10c, GHL+23, GE96, KM11, Ket08, Sch18, WGT14]. **Strong-Stability-Preserving** [CS10c]. **Strongly** [Gao23, MRB23, MSM14, MCH24, WYT18, ZS23, vD03]. **Structural** [BTB05, BT00b, CTB15, RMB00, SP02, Smi97, EL93]. **Structurally** [HK00, NPS22]. **Structure** [AH17, AFS19, ABD25, ACF09, AY23, BQQ08, BC10, BB15a, BM17b, BCK16, BKFG19, BPR25, CHV+18, CDKL22, CTB15, CBG16, CRS20, CM25b, CDFQ11, DLZZ17, DLY14, DJP00, DMM20, DCL+21, EKLS+18, FUNB18, GHL25, GJSZ25, GSV20a, GSW+25, HHZ22, HMLH18, HLM03, Hwa07, Jay98, KV05, KPPS14, KSV16, LQR12, LWYxY18, LNC05, LYL+11, LXK08, MKWG15, MW01, MTM08, NV08, PV25, PE00, PPVV25, Pel18, PVV11, PSC18, QXYZ24, RW13, Rub12, SM17, SOTB21, TLLL23, TMM20, WLY25, WMUZ13, WQX20, WX21, ZKN20, ZKN21, ZZWZ14, ZMS21, ZWWZ21, ZZZ21, ZVF18, vBdB05]. **Structure-Aware** [ABD25]. **Structure-Exploiting** [ZMS21]. **Structure-Preserving** [CBG16, CRS20, DCL+21, EKLS+18, GJSZ25, HMLH18, HLM03, MW01, PV25, PPVV25, QXYZ24, WLY25, WQX20, WX21, ZKN20, ZKN21, ZWWZ21, BM17b]. **Structured** [BKS16b, BDV24, BD05, CCY23, CDY07b, CJ99, CX08, DL23, EZ11, FNB06, GLR+16, GvR22, GNL14, GG03, GPB24, HHZ22, HG12, HJL+19, KKT13, KKS13, KKF11, KS11, Kim08, LE10, LM24, LYL+11, LXdH16, Mar16, MMR19, OX22, PS11b, RKLN07, ROM18, Ros15, SR18, SV23b, SS25a, SWX16, VM13, VXCB16, Xia13, XXdH+17, ZJC12, ZZZZ25, ZWZ+13, Zie12]. **Structures** [Beu05, BKFG19, BFP22, GGM01, GMPZ06, IS17, RAB+14, RC06, Saa03, SSW12, SM18, TW96, WLX+13, YPN+01, ZTK19]. **Studies** [BBP13, BBKK97, DMM+16, RLG98, YTD15, ZD09]. **Study** [APS12, AHT12, AV25, ACD95, BJM03, BK04, BCR99, CHR99, CGAD95, CHKM13, CFKM18, DARG13, DLV17, EP06, FMOS17, GK00, GLT18, GMSB16, GRT05, GK05, GDB+22, JLYZ23, KB08, KKZ17, Kup98, LZ04, OL98, Pic10, PABG11, PQR20, Ros05b, Ste01, WH15, YYWY18]. **Studying** [EW00]. **Sturm** [AF15, Bou01, LV10, ZAK15]. **Style** [FSvdV98b, ZK14c]. **Sub** [NP25]. **Sub-ODEs** [NP25]. **Subcell** [VA24]. **subcube** [CG93]. **Subdeterminants** [IMS96]. **Subdiffusion** [CLAT10, CSZZ20, HZ22, WZ21b, ZLLT13, ZLLT15]. **Subdiffusive** [ZYLW23]. **Subdivision** [CWD13, HOY03, KKT19]. **Subdivision-Based** [KKT19]. **Subdomains** [CS12, DGK23]. **Subgrid** [MP20b]. **Subgridscale** [Lay96]. **Subiteration** [vBdB05]. **Subject** [FBvdZ24, GLL+15, LX12, LQX14, AE95]. **Sublinear** [VL10]. **Submatrix** [YPHH17]. **Subproblem** [ZS18]. **Subproblems** [HD15]. **Subset** [CBCR14, VBA18]. **Subsonic** [BS18a]. **Subspace** [AMV22, BM01a, BKT21, Bot23, BKS23, BCL99, CKD13, CCSY98, CPS11, CCA20,

CS14, CDW14a, CDW14b, DLY17, DLZ10, EEO01, GY02, GOS12a, GWBW22, Gu15, GDX25, HL18, KdS05, KWG+20, KSU14, LMRS15, LLWxY20, Li24, Lin16, LWZ13, LR98, Mou20, NG18, OW00, PS02, SSM16, SW01, SS03, Soo16, Sta97, VP11, Wal99, WYGZ10, XXZ20, ZYSL15, ZMD22, vNLB04, vdVY00, Wei94].
Subspace-Based [KWG+20]. **Subspaces** [BDF08, CKBT16, DDF00, DTR21, DKZ09, GW17, GT19, KA95, LZMW20, Liu24, PdSM+06, RPM23, XKZ95]. **Substantial** [CD15b]. **Substructuring** [BL04b, Doh03, HS99b, HZ16, KXS18, KR12a, Sta97, YGB+05, Smi93].
Subsurface [FK97, Sta00]. **Subtensor** [EGLS21]. **Subtraction** [EVLW17, HLE+25, WKM+07]. **Subvector** [HS17]. **Successive** [GB98, HDOS23, Mit08, WZ03, YJ13].
Suite [SR97]. **Sum** [ACO98, ACCO00, ERL22, LXZ23, ORO05, dMHJM00].
Sum-of-Gaussians [LXZ23].
Sum-of-Squares [dMHJM00]. **Summation** [AWW19, And99, BC02, BHM20, BZ15, CWA14, DZ15, DH03, HZ11, HDZ16, McL12, MZ24, Nie06, NN18, NL16, ODN17, PS03, ROO08a, ROO08b, Rum09, ZYZ05, ZH09, Hig93]. **Summation-By-Parts** [BZ15, HZ11, NL16, AWW19, DZ15, HDZ16, MZ24, NN18, ODN17]. **Summations** [MXYB16]. **Sums** [BGM09, GM25, HMAS17, KW11, PPT11, dBMZ11]. **Super** [FHP24, Gos12b, Jay98].
Super-characteristic [Gos12b].
Super-Localized [FHP24].
Superalgebraic [BH07]. **Superblock** [CWC08]. **Supercharging** [AMT10].
Supercompact [BW00]. **Supercomputer** [HRR23, Kor93]. **Superconductors** [DG99].
Superconvergence [DK98, HXB11, MYZ21, WCHZ14, Yam02, ZN05, ZZ16].
Superconvergent [BFK05, EM99, HZ11, LD03, PJ96, VC00].
SuperDC [OX22]. **Superfast** [OX22, VXCB16, WEB25]. **SuperGlue** [Til15]. **Superior** [Yan19]. **Superlinear** [CDH98, GJS19]. **supernodal** [NP93a].
Supernodes [JFG15]. **Superoptimal** [DEC05]. **Superparallel** [MK93].
Superposition [Gar00]. **Supersensitivity** [GK00]. **supersonic** [LL94]. **Supervised** [DTR21]. **Supply** [CPR11, FGH+08].
Support [COS06, EZ11, XAW17].
Supported [AHPG24, Pla15]. **Surface** [AKS05, AHH06, ADM+15, BN98a, BL23a, BN21, BJP+22, BTGH12, CL18b, CH09a, CFM96, DFS17, DGP10, DQ22, DFW22, DL24, For24, GL22b, Gao23, GJSZ25, GPK04, GGK04b, HA08, JKL22, KCZ15, Kös07, LTC13, LL97, Li03, LCL18, LLZW19, LTG22, LH19, MG11, MCT+05, MT99, OQRY18, RS13, SV08b, SO09, TK13, Wal24, WkZ15]. **Surfaces** [BPPR24, Bea20, BB09, BBK06, Bru18, CW13, CW14, CM15, CW16c, CL18c, CDW14a, CDW14b, DPF15, DP07, DGJ03, Dua24, DKS21b, Far01, FJP+11, Gra14, HR25, HL23b, KTB14, KBK+08, Kov24, LZ17a, LSW17, MR09, NNRW09, OX17, PHA18, QZZ19, Ren15, Say15, SKF18, VZA+23, WJS23, YH17, YH19, Zha18b, Atk94, RN95]. **Surfactant** [GX20, Yan21]. **Surgery** [Kov24].
Surrogate [CBG+19, CGDD11, DKW19, HKO+23, LX14, RPSS22, RS13, vdHCDD15].
Surrogates [DWW23, LM14a, YGCP96].
SVD [ASS25, BP97b, CL21, GH23, Hoc01, HJ19, LLLL24, NH13, Nov15, OT09, RZTB22, SDNC20, VW94, WS15, WRS17].
SVD-Based [LLLL24, VW94]. **SVD-Like** [CL21]. **Sweep** [LY18]. **Sweeping** [ALZ14, BMR10, GLQ16, LY16, Luo19, PELY13, ZCL+11]. **Swelling** [WFAP15].
Swimmers [GHK14]. **Switched** [GPA18].
Switching [HFL11, KL00b, Tre25].
SwitchNet [KY19b]. **Sylvester** [BDP96, CR24, ST16a]. **Symbolic**

[GDL07, HS18, MBM+16]. **Symbols** [JF16]. **Symm** [CP05]. **Symmetric** [ARMNW10, ADKM03, ARS21, AJ22b, AH04, AT15, AHK24, BBP21, BF01, BOR97, BGM13, BM12, BDvdG05, BKR25, BS96b, BORTP19, ÇAK11, CCS98, CMS17, CPS11, DLP05, DMPV08, DLNW24, DJLZ96, ERSZ17, FMW25, FEM08, FS08, GPP95, GWMG03, Gas13, GY02, HS06a, Hag02, HLD12, HJS99, HP21, JFG10, JLY08, Kal20, KS18, KSU14, KKR21, LM20, LZ99b, LS13b, LSS03, MV00, MM19, MRV06, MB99, May08, McL95, MDM15, MO21, NH13, Nat98, Ng00, Oet99, PS18, SLvdGK14, SK05, SDH21, SO18, TD99, VK13, VSS14, WT16, WXS19, XYGO01, ZLG98, FS96, Lan93, LL93, LZ94, MS93b, Tre97, WM93, YL93]. **Symmetrically** [BCCSS21]. **Symmetries** [ABJÁFT24, MS18b, ALT93]. **Symmetrization** [WS20]. **Symmetrized** [BL23a, HJN17]. **Symmetry** [BV19, CCSY98, DF21, MMT15, MRB23, SLvdGK14, SA97, TGPK23, EL93, WAS94]. **Symmetry-Preserving** [BV19]. **SYMMLQ** [Dul98]. **Symplectic** [BCF01, Ben01, BCR99, BGH23, DSL21, KLS+15, Man05, McL07, MMVW13, PM16, SZS97, ZWL+25, CSS93a, CSS93b, LMSSS97]. **Symplecticity** [LXL11]. **Symplecticity-Preserving** [LXL11]. **SympOCnet** [MZDK22]. **Synchronization** [AD07, CM25a]. **Synchronous** [AKBM21]. **Synthetic** [HSMT20, SZW20]. **System** [AK09, AMMR10, AMM+10, AMM+11, ABM+13, AV14, AHN+20, ALMR17, ABP18, BCCI98, BS05d, BDZ13, BS18a, BQRX22, BLM03, CCCC+24, CCM05, CLMM00a, CLMM00b, CLPS03, CLP08, CLS16, CF05, CGI11, DY06, DLV17, EGKS94, FV06, FMM98, GH18, Gär09, GM20, GX20, GMYL23, GMY24, Hig95, HYW20, KRW20, Kim08, KLJ10, KR22, KG18, LMMR00, LMM17, LCJ+20, LBHH22, LWS25, LRGO17, LC23, MCL19, MKSG10, MS25, MR01, MPS09, PS08, PKS21, Rav02, Rav05, RGG06, Sch05, SBND11, SV11, Sta24a, TKCC13, TLLL23, UWWP23, WS95, XBC96, XS24b, YGS+21, YCY19, ZGA10, ZLZ22, ZCQQ21, ZGG17, BK14, McG95]. **Systematic** [AJ22a, DDDS25, HTH+16, SvdGP16, XW05]. **Systems** [AH18, AM04, AKK14, AH17, ADP20, AGI16, AH09, AKPRB08, AKT16, AR99, AL99b, ATK12, AK04, ACW21, AHK24, BGLY05, BS05a, BW18, BW21, BKL+17, BG25, BK98, BK99, BPR04, BvG15, BB08a, BM01a, BDdSM11, BBM11, BGM13, BHN25, BCF01, BSSW13, BG21, BM95a, BT98, BF23, Ber00a, BBF+22, BPR99, BFN17, BL07b, BCP15, BB03, BR09, BPR13, BBD18, BPT19, BS96b, Boz09, Bre99, BC99, BHP98, BCMM03, BC08, BC09b, BK11, BS23b, BPR25, BGH23, BTWG08, BGL06b, BEPW98, BORTP19, BS25b, CS99, CL18b, CWY23, CGL+13, CSS10, CB98, CR23, CGG07, CJH11, CdSG21, CH17, CH18, Cas05, CPPR12, CMO+23, CDF18a, CS96, CCS98, CN99, CBG16, Che98, CRS20, CLB21, CCLZ25, CZ25, CPS11, CDY07b, CBG+19, CBDW15, CW12, CJS23, CVE13, CE16, CPD17]. **Systems** [CD06, DD23, DM13a, DDLP25, DLY14, DDDS25, DB98, DH01, DRFNP07, DB94, DKXS18, DS14, DGSW10, DCB22, DQ22, DTT+16, DHZ+21, DLP+21, Elm98, Elm00, Ema10, Ett16, Fan22, FHFR19, FSvdV98a, FT03, FDE+06, FG98, GJLX16, GGLX25, GKS20, GDLS14, GM21, GGOY02, GNL14, GRT05, GRS+15, GR04, GW98, GG03, GSW17, GG05, GPA18, GGB22, GKK10, GV98, Gri94, GPS95, GN23, GLMS22, GPSY17, GSW13, GW00, GML+21, HR05, HN19, HS06a, Hag00, HTMM15, Har11, HJ07, HSS08, Her08, HS17, HZ10, HP94, HHW00, HPZ19, HP21, HG12, HLS98, HID23, HEGH14, HZ16, HL17, HS21, HSCTP04, JFG10, JPPZ25, JZ13, JSZ22,

JW05, JWH08, JLXZ21, Jou94, KGM+08, Kas95, KP12a, Kea97, KLR98, KBK+08, KPL13, KSB11, KMR01, Kof04, KK25, KSV16, KNV+16, KK16, KPW17, Lab05]. **Systems** [LM00, LV98, LL22, LV13, LW19a, LNP+07, LSU11, Lee09, LM15, LS16b, LPR02, LN05, LPR98, LW16, LSN17, LXZ20, LL23, LXZ23, LN03, LXdH16, LLS22c, LWW22, LSZ23, LCXZ25, LMMW04, LNA+11, MFJ19, MO24, MM19, MB02, MRT00, MPW18, MHW22, MSM14, Meu11, MW13, MC05, MO21, Moo00, MS18b, MGW00, NVT24, NN17, Nat98, NP08, NSJ03, NFFP18, NM13, OD12, OPR22, OPR23, PV23, PV25, PNW16, PdSM+06, PFRS24, PW15, PM16, PVK16, PVC17, PW98, Pet99a, PG22, DHM+23, PH16, PS01, PN19, QXYZ24, QCJX21, Rah96, RG07, Rei21, RVA17, RSW10, RSS20, RPSS22, RBG23, RM08a, RT99, RKW20, SZ99, SS99, SBK13, ST08, ST17a, SS25a, ST14b, SHP07, SE11, SG95, SW22a, Sma04, Smi97, SG04, SvG08, Soo16, SC98, Sta94, SO10, Sun95]. **Systems** [TCZC19, TTSM08, TT07, Ton94, Tor12, TMA23, TS14, VC00, VM13, VFGS23, VK13, VSS14, VFHG25, VTD12, WZ21a, WLX+13, WC22, WTWB09, WSH14, WJS23, WG19, WQX20, XS17, Xu04, XS24b, XZL+25, Yan94, YDF97, YWdCN+24, YP98, YLG22, YWL17, Zha97, dDBV14, dSL05, dSO21, AS93, AM95, AP93, BHP94, CGP93, CN93, CT94, CGS+94, CC96, CW97, CMV97, Fre93, Gre93, JS93, LW22b, Yav93]. **Systems-Based** [CMO+23]. **systolic** [BPT93].

Tables [CWG10, GBS19]. **Tabulated** [CGP22]. **Tackled** [KRW20]. **Tackling** [KSD10]. **Tail** [GSS12, IM98, WY19]. **Tailed** [CHL16a]. **Tailored** [TP21]. **Taking** [MM98]. **Taksar** [DS96]. **Tall** [CGHT14]. **Tangent** [ZZ04, ZS14]. **Tangential** [DL24, MRSS14]. **Tangentially** [BM11]. **Target** [DKK+19, HWS05]. **Target-Matrix** [DKK+19]. **TAS** [CFKM18]. **TASE** [ACP25, CMVPP24]. **Task** [ABC+14, BCK22, GKM+17, MDM15, Til15, YS16]. **Task-Based** [ABC+14, Til15, GKM+17]. **Task-Scheduling** [MDM15]. **Tasking** [CHW20]. **Taxonomy** [BBGS04]. **Taylor** [AM18, Bar05, Hei13, Kup98, NP25, SIDR15]. **Tearing** [LOSZ07]. **Technique** [ABKS16, Bla97, BEOR17, BEPW98, CL03, CFH19, DS97, GG19a, HHLS15, HHMDC18, LNS96, NNH99, OB21, OGO16, OVV17, PQR20, RSA05, SP03, WWW25, WiOH08, WZSL12, WZ19, Yun03, PSB+06]. **Techniques** [ATWK19a, ATWK19b, ATWK20, APvDG12, ADH99, AB16b, BRR18, BvW09, CDGS05, CP05, CP07, CBS00, CDGT01, DS00, EF15, FBF15, GS98b, GG10, HKL+22, HW01, HM14, JFG13, KTB14, KMR01, KM98, Lan10, LU17, LKK18, MT22, MMV98, MFPG18, PKNS14, PABG11, PR22, Pla98, RWB25, SS99, SBR06, hSSW23, SW03, SF08, SFM20, Toi96, WB08a, XSC21, YHC16, ZW94, ADRS95, CS97, Di 95]. **Teko** [CST16]. **Telegrapher** [AKGK24]. **Temperature** [Don06, RJLW20, SMZ18, YCY19]. **Tempered** [GLW18, GZT+19, HP14, ZAK15, ZK15]. **Templates** [Dar21, IHTR12]. **Temporal** [Ber95b, BRK16, FL19, GS16, LL00, LGYZ24, MKWG15, WLZ23]. **Tension** [BN98a, LL97, MCT+05, SO09]. **Tensor** [AALPC25, AGVG24, ABB22, ABC+23, ACG20, AGJG25, BKMR25, BS03, BS07, BG14, BKK18, BKK+21, Beu05, BAS09, BEKM16, BHL+20, BKS16b, BS99b, BPR25, BDS20, CKS25, CQZ17, CRO23, CDS24, CGBKS25, De 12a, DM13b, DH16, DKO12, DP19, DKK21, DKS23, DF21, EGLS21, ERL22, FHL+23, FF05, FEM08, FJHM19, GNL14, GOS12a, dMGF17, GKK15, GQ24, HJ18a, HRS12, HMvdG18, JMR17, JML22,

KOB20, KKT13, KKS13, KK09, KKF11, KS11, Kor15, KSU14, KSV16, KVV23b, KKK+25, LT21, LGC+23, LS00, MMRN15, MSL13, Mat18, MBM+16, MKB22, MFK25, MZ24, NRO22, OT11, Ose11, OSS22, PK19, RO15a, Rak21, RDB16, SRT23, SDH21, Ste16, SMM24, TCY25, VMV15, VS17, VDD19, WZZ+25, WSX17, ZCK12, ZXT+25]. **Tensor-Driven** [AGJG25]. **Tensor-Product** [MZ24]. **Tensor-Structured** [GNL14, KKT13, KKS13, KKF11, KS11]. **Tensor-Train** [ABC+23, BEKM16, NRO22, Ose11, SRT23, VS17, ZXT+25]. **Tensorial** [MO24]. **Tensors** [ACG20, BK07, BK16, CCQ16, DGP18, GU17, GMS21, KU18, KP17, RZTB22, SL10, SLvdGK14, ZBdAF20]. **Tent** [GSW17]. **Term** [AGH00, DD23, FN94, Fu21, GvdV17, HS97, Kla98b, Kla98c, PPS22, RG98, Wan07a, ZTM+16]. **Termination** [FL08, KMT98]. **Terms** [BBK21, BKK+21, BBF+22, CGK13, HR99a, JW05, Nak98, Win06, EW96]. **Ternary** [WZF25]. **Tessellation** [BGL06b]. **Tessellation-Based** [BGL06b]. **Tessellations** [DGJ03, DW05b, GCN21]. **Test** [CPT05, Han95, JL03, JL05a, Lin06, LW03]. **Testing** [WRB+15]. **Tests** [LSW02]. **Tether** [TP09]. **Tetrahedra** [AJ21, Ber00b, DK98, MZ24, PC98]. **Tetrahedral** [AMP00, Ber98b, BBK+25, BH16, CC11, FKW13, GMvdV18, GMvdV19, GR05b, HT00, JHJ12, LJ95]. **Tetrahedralization** [Wal13]. **Tetrahedron** [Ong94]. **Tetrahedrons** [JP24]. **Textbook** [BSA13, KR22]. **Texture** [BEG+08]. **Textured** [GL22b]. **th** [Par24b, PP12b]. **th-Order** [Par24b]. **Their** [CH02, DW05b, GK03, GPS12, LS94, LL00, MC94, PP13, Sch18, ST00, dlRGH+25, CC96, DG95, DG99, GM00b, SHP07, WTS94]. **Themes** [DJM16, KY14]. **Theorems** [ET01, LV98]. **Theoretic** [BGMW17]. **Theoretical** [BTLZN22, CGAD95, DMM19, Wan07a, Ber97]. **Theories** [HSF07]. **Theory** [AG18, BGL08, BLPP24, BEG+08, BM10a, BH07, CXY10, CFM96, CDW14a, CDW14b, CMVPP24, DKPS17, FGMP14b, FCF14, GHKL22, HJN17, HDZ16, HLZ25, KKP14, KY19a, LW12b, LY13, NKLW94, Rub12, RCLO18, SS03, TYZ19, UWY+15, VO19, WL13, dSL05, CW93, ED95]. **Theory-Based** [KKP14]. **Therapy** [CDM+13]. **There** [GL21]. **Thermal** [BST08, DSB99, HM18, MR04, PKR+13, Rav02, RDL24, WFG+20]. **Thermally** [IR98]. **Thermo** [ABB23, TSM+25]. **Thermo-poroelastic** [ABB23]. **Thermo-reflectance** [TSM+25]. **Thermoacoustic** [CK07]. **Thermodynamic** [BHV05]. **Thermodynamically** [BDM24, BDPR22, GZW20]. **Thermodynamics** [YS16]. **Thermomechanical** [DGN25]. **Thermostats** [LS16b]. **Theta** [HRR23]. **Thick** [Lee10a, LXV+16, MvdM21, SSW98, WXS19, ZVF18]. **Thick-Restart** [LXV+16, WXS19]. **Thin** [AA00, BKFG19, CWY23, JLZ16a, KWW13, LS94, Lee10a, LS12b, SM18, ZWWZ21]. **Thin-Walled** [BKFG19]. **Third** [ABMR11, AS06, BBMZ20, Cao07, EG25, KL00a, LY14, SC02]. **Third-Order** [BBMZ20, EG25, KL00a]. **Thomas** [Ain07]. **Thousands** [BT03b]. **Thread** [Nov23]. **Thread-Parallel** [Nov23]. **Three** [AILP07, ASS25, AA02, Aru12, ASS16, BL23a, BBSW94, BBKT15, BGPS21, Beu05, BDZS24, BZ21, BBC07, BBMR03, BKS13, BK20, BCM15b, CH18, CHP20, CCL+20, CGZ23, CD20, CJ95, CGM00b, DK03, EZ11, EdDP09, FMS24, FK00b, GJ08, GKC13, GGL+98, GGLT00, GB06b, GV98, GM96, GMY24, HHMS15, HM98, HT17, HRT03, HKKR19, HKLW21, HRR23, HRT13, HC98,

HSW08, Hun95, Hun96, HGPM14, Joe95, KL10, KR06, KKR16, KS15a, KWG+20, LCA08, Leh15, Lem16, LY16, LQC23, LBBG24, LCY+20, MV09, MLL13, MZ94, MMN00, Moo00, NKLW94, NMAB11, Ong97, PF23, PV08, PWZ10, Pek12, Pet99b, PP13, PM15, QSY24, Rak21, RR98, RG98, RWWK15, RDP08, Sch02, SWB16, Sha12, SWT00, TLLL23, Tsy99, Tu07, Ush01, WO98, Wen10, WO01, WZ15, XW05, YCY19, ZW03, ZJB20]. **three** [Cai93, ED95, HZXC16, Smi93, SS93b]. **Three-Dimensional** [AILP07, Aru12, ASS16, BBSW94, BDZS24, BK20, CGZ23, CJ95, CGM00b, EdDP09, GJ08, GKC13, GGL+98, GB06b, GV98, GMY24, HHMS15, HM98, HRT03, HRT13, HC98, HSW08, Hun95, Hun96, Joe95, KL10, KR06, KS15a, KWG+20, LCA08, Lem16, LY16, LQC23, MV09, MZ94, MMN00, NKLW94, NMAB11, PF23, Pet99b, PP13, PM15, Rak21, RDP08, Sch02, SWB16, TLLL23, Tsy99, Ush01, WO98, XW05, HZXC16, ED95]. **three-factored** [SS93b]. **Three-Field** [BBKT15, RWWK15, BGPS21]. **Three-Grid** [WO01]. **Three-Level** [HRR23, Tu07]. **Three-Operator** [BZ21]. **Three-Precision** [CHP20]. **Three-Temperature** [YCY19]. **Three-Term** [RG98]. **Threshold** [ACD18, DHL20, MOKS12]. **Threshold-based** [MOKS12]. **Thresholding** [dMGF17, LLS22b, STY24, TW13a, ZSPL21]. **Through-Casing** [PDTVM08]. **Tide** [CKM23]. **TIGER** [Wal13]. **Tight** [DS20]. **Tikhonov** [CR04, CP15b, FM99, GN14, GG18, IJT11, KHE07, LFB13, Li24, NBT24, O'L01, TY08]. **Tile** [HLD12]. **Tiling** [GVP06, ZAD+16]. **Tilted** [BG11]. **Time** [AG25a, AG25b, AM17, AD25b, And16, AA02, ATK12, AM05, ÁJHP24, BO17, BCAG22, BJM03, BS05c, BB10, BLR99, BBH18, BF13, BBKS20, BS15a, BHNPR07, BCJ+21, BDV25, BCM11, BFS16, BZ15, BN13, BBC07, BSM24b, BBT11, BV16, BCCX21, BDG20, BHL22, BT19, BS23c, CGGGS15, CB98, CDG17, CZK15b, CCG14a, CEJ+10, CBHB19, CFR05, CGAD95, CCM08, CGK13, CGG+14, CFKM18, CHL06, CWZ07, CYHY24, CC19, CCA20, CIZ18, CCH15, CS10b, CDGT01, CE17, DD23, DM13a, DSW22, DDDS25, DD13, DJT08, DL20a, DHL+23, DLM16, DG09, DKPS17, DCB22, DEP11, DSZ13, DMD+12, DB07, DGvdZ18, EDGL12, EJL03, EG22, EG23, FFK+14, FMOS17, FTY15, FR23, FDE+06, GV07a, GJSZ13, GN16, GHRR19, GLRS23, GP24, GDLS14, GASSS98, GR17, GvdV17, Geo25, GC16a, GNS22, Gob08, GM19a]. **Time** [GKRB16, GGS08, GLOR16, GMM15, GV09, GM15b, GM19b, GC17b, GML+21, GW04b, GM04, HSF23, HS05a, HW14a, HLP23, HJ18b, HR98a, HHR23, HP20, HT16, HSN+20, HLNS19, HL19, HCHS13, Hor10, HX21, HRvdZ22, HDF+19, HY14, HZ22, HLY13, HPS22, ISS19, Jah04, JV96, JlLGZ20, JSZ13, JSZ24, JZ00, KM97, KT05, KGGS10, Kir24, KR11, KLN20, KLRY25, KL12, KBG18, KM19, KS14, KRS21, KK16, KTSB19, KL00b, LZ21a, LSTY21, LMM18, LDS11, Li10, LD16, LWZ17, LSC18, LSYY21, lLTZ21, LLL08, LM14c, LH00, LX16b, LH19, Luo19, LX16c, MCL19, MGB18, MBL+25, MO00, ML11, MW22, MZ94, MN18, MSV00, MNZ15, NVT24, NT18, NS19, NW22, Nor07, NL16, ODN17, PNW16, PR01, PS10a, PKR+13, Pat97, PHW19, PGW17, PL12, PTSA23, PvdVvG17, PS19b, PP12b, PMSB12]. **Time** [QZT11, QS03, RMR15, RPK18, Rav05, RL10, RZ03, RMC12, RSS20, RPSS22, RW01, RMD08, RSSZ08, RWX07, STCK21, SYZO15, SStM23, SKWK18, SE11, SDC24, SSR21, SKPD22, SKP22, SNB08, DFK23, Sto21, SB15, SSN19, SW10b, TW05, TYZ19, TMD24, TT20, Tie18, Tou22, TPW09,

TH17, VFGS23, WZ21a, WMOZ22, WL20, WZ21b, XCS16, XZ23, YTLI11, YBM+18, YWG21, ZK14a, ZLLT13, ZK14c, ZLLT15, ZCW10, ZGK20, ZWL+25, ZYLW23, Zim14, vdVXX19, BC09a, CHO12, CFM96, CCG14b, EKSW15, FMB13, GS98a, GOV06, HP14, HV95, Kye12, LK93, Leh15, LW22b, SV08a, WGT14, Yan14, Yu01, ZLTA15, GZ19, MMT15]. **Time-** [ZK14a]. **Time-Accuracy-Size** [CFKM18]. **Time-Accurate** [LD16, Zim14]. **Time-Changed** [ZK14c]. **Time-Decoupled** [KS14]. **Time-Dependent** [ATK12, BFS16, BCCX21, CB98, CCG14a, CCA20, CIZ18, DL20a, GLOR16, GC17b, HJ18b, ISS19, LH00, Luo19, MCL19, ML11, PNW16, RPK18, RZ03, RSSZ08, RWX07, SE11, SSN19, XCS16, ZCW10, ZGK20, ZWL+25, Nor07]. **Time-Domain** [AG25a, AG25b, CHL06, DSZ13, HLY13, JZ00, PGW17, RW01, Sto21, YBM+18]. **Time-Fractional** [GR17, HZ22, JlLGZ20, LMM18, LWZ17, LX16c, TYZ19, ZLLT13, ZLLT15, ZYLW23]. **Time-Harmonic** [AA02, BCAG22, BB10, BHNPR07, BDG20, CWZ07, EDGL12, HP20, HY14, LH19, MBL+25, PL12, RL10, YWG21, LX16b]. **Time-Implicit** [vdVXX19]. **Time-Integration** [DEP11, GV07a]. **Time-Marching** [BZ15, KM97]. **Time-Parallel** [BSM24b, GV07a, GP24, NS19]. **Time-Parallelization** [PTSA23]. **Time-Periodic** [GJSZ13, KL12, KRS21, PMSB12]. **Time-Reversible** [BLR99, KL00b]. **Time-Scale** [PHW19]. **Time-Space** [YTLI11]. **Time-Splitting** [BJM03, BS05c, CGGGS15, CZK15b]. **Time-Step** [CFR05]. **Time-Step-Size-Independent** [BBC07]. **Time-Stepping** [AM17, DHL+23, EJL03, GGS08, GMM15, JlLGZ20, KT05, KGGS10, KR11, MN18, QZT11, RPSS22, TT20]. **Time/Space** [GZ19]. **Timely** [BT97, Cas97, Den97b, SA97]. **Times** [Rei20, PKNS14, RF10]. **Timestep** [SMN10]. **Timestepping** [FS22, GB06a, HS06b, JL03, JL05a]. **Tissue** [PVV11]. **Tissues** [DLM16]. **Titanium** [GY06]. **TNet** [NBT24]. **Toda** [Nak98]. **Toeplitz** [BW93, CN93, CT94, CC96, CCS98, Di 95, Di 97, EK10, FS96, HO96a, HSCTP04, Jin95, KKT13, LPS10, LNC05, MV00, MB99, Nag93, Ng00, NSJ03, NP10, NP14, NCV06, PKNS14, PE00, PS01, Tre93, Tre97, VFHG25, VD23]. **Toeplitz-circulant** [CC96]. **Toeplitz-plus-band** [CN93]. **Toeplitz-plus-Diagonal** [NP10]. **Tolerant** [AG17b, AG17a, FSD24, HHLS15, LSN25]. **Tomographic** [ADLW19]. **Tomography** [BU15, BTLZN22, CHH19, CILZ15, CK07, GJ21, HKK+13, HHMS15, HAN19, HCHY23, HTH+16, HM18, IJ08, KdS05, KLN20, KLRY25, KLS08, LQH21, OKdSG17, RBH06, SBK13, SKMF15, TH17, WB08a, WPL+13, dSK11, vdDA12]. **Tomosynthesis** [BNFS13]. **Tool** [BA05, EKSS16, VR14]. **Toolbox** [Wal18, MRK20]. **Toolkit** [LNA+11]. **Tools** [KMA+12]. **Tooth** [RK07]. **Topographic** [GH14]. **Topography** [BCCX21, DQ22, GN07, KLLM22, Liu20, MSS12]. **Topological** [BRZ14, BB09, KLST06]. **Topology** [BK20, CWD13, DDLP25, GHHK15, HNU23, IS17, KLT16, KM16, PFS21, PF23, VHSP20, WB08a]. **Tori** [DB94, HKM97]. **Toroidal** [SLO13]. **Torso** [WiOH08]. **Torus** [GPS12, HW94]. **Torus-Wrap** [HW94]. **Total** [BBH+25, BKMRB21, CGM99, CMM00, CT03, CC03, CLNZ16, DL23, DF03, FGHO97, FLDT25, FNB06, GY05, GY09, HS06d, LFB13, LN17, MF06, NWY10, RKW20, VO96, WBFA09, ZWZ+13]. **Total-variation** [NWY10]. **Tournament**

[GCD18]. **Trace** [Che16, CCL+24b, FKRH22, GSO17, GLS24, KNV+16, LS20, OX17, SMZ18, SLO13, SSR+22]. **Trace-Penalty** [GLS24]. **Tracer** [BBG+19]. **Traces** [ÁJHP24, ZND18]. **Tracking** [AFOQ19, BLGL11, CL97, Dk00, DL20b, GT98, GBCT10, GGL+98, GST+99, GGLT00, GGZ02, GM13, HC95, Hwa07, LS95, NKM10, TVV20, WLZ23, ZF14, Zha18a]. **Trade** [HYW+25, SE13]. **Trade-Off** [HYW+25, SE13]. **Traffic** [BCV13, GPZ17, HK03, HPS06]. **Train** [AGVG24, ABB22, ABC+23, ACG20, BEKM16, CRO23, DKO12, DKS23, DF21, GKK15, HRS12, Kor15, KVV23b, LWK+16, NRO22, OT11, Ose11, SRT23, VS17, ZXT+25]. **Train/Quantized** [DKO12]. **Training** [AS21, AS22, KLW24, KK23, KKKK24, LS24, LCXZ25, LMRS21, NCCR22, SM19, ST23, WZC25, Zim13, SBC93]. **Training-Free** [LCXZ25]. **Trains** [CDS24, ERL22, MFK25]. **Trajectories** [LLS22a, OPR22, Van95]. **Trajectory** [BPT19, EKM94, EHW00, SW22b, WG12, WQX20]. **Trajectory-Driven** [SW22b]. **Transcription** [PR09]. **Transfer** [ACL09, BK98, BK99, BS25a, BW01, EAS08, GP18, HRT10, HHE10, JLY08, KP22, KZ16, Men22, PKR+13, PNP13, RBH06, RM08a, SKN19, TWZ21, Xu99, YCS16, ZHQ20]. **Transferring** [GR04]. **Transform** [AdWR17, AMVR17, ACD+08a, ACD+08b, ASS16, BMaK19, BR02, BCY21, CI19, FW97, GCR16, GC17a, GHR12, GHR13, HT14b, HC25, KV12a, KM12, LZ17a, LCA08, MW08b, Mor24, OT11, PM03, Rim18, SVG10b, WO09, WG18, Wei99, WEB25, XD21, Yin09, dWPR20, AD96, EB96, NP96, Sch96, CRMC12, EMT99, GMS18, KBG23, LB11, Rei13, RAT18, ZK14c]. **transform-based** [NP96]. **Transformation** [CP03b, DK11, HC98, KR06, WWW25, YH19, Yun03, YK03]. **Transformations** [AD07, ACD+08a, ACD+08b, BPS22, CD06, GGOY02, GL15, HSU21, ISW18, Joe95, MHS98, Goe97, Joe93]. **Transformed** [TX24, TT06, UEE12, Wel17, Wel20]. **Transforms** [Ant22, BBBV13, BV98, CPG20, Di 97, FT03, IBM01, LQ19, Nak98, NL99, Pek12, PP13, TW09, Wel20, BS94, DR93b, Heg95]. **Transient** [BG07, BP13b, FHFR13, JLYZ23, MST15, SBM07]. **Transistors** [HJP04, JP14]. **Transition** [CCER12, DD25, Gar94, KKS08, ZDZ16]. **Transitions** [BG11, BGH19, CG96]. **Translates** [PPT11]. **Translation** [ARM+19, Gri19, GD03, ZT25, ED95]. **Translation-Invariant** [ARM+19, ZT25]. **Transmission** [BCI22, BLS14, DGK23, HHL15, JLY08, LQH21, MRS04, MS12, MV21, PvdVvG17, QX08, RL10, WH13, WX17, YBLH16]. **Transonic** [CGK+98, SS10a]. **Transparent** [Coa12, JK21, RSSZ08]. **Transport** [AGR+20a, AHT12, AH06, ACCP13, BH14a, BGL08, BSS09, BATI25, Bli24, BBT19, BP13b, BBG+19, BBM+08, BLM03, BJ08, BSU19, CL18b, CQ22, CCJ21, CMM+07, CLTX15, DMML05, DJP00, DPS18, EKLS+18, EMNS20, EOR24, ES18b, FB21, FTNB24, FHL13, FSV22, Fro12, GJ08, GC16b, GC17b, HHM17, HKF+13, HSMT20, HRT13, HJP03, HJP04, HCX22, HJS18, HCL23, JLP18, JP14, Kan03a, KR14, KGM+08, KGM+11, KMS15, KPR25, KLLY20, KP12b, KMER22, KWG+20, KT17, LFH19, Lay06, LdGK20, Lee10a, Lee12, LR12, LLTY25, LYLC21, MMM+94, MCB18, OSWP25, OL98, PLVG+22, Peh20a, PL21, PMR16, PBtTB+15, RSSM18, RPM23, Ros06b, RCLO18, SG11, Sch19, SH20, TWK18, TSM+25, VY09, WZB+23, WZET13, WBM+25, YS16, ZHBS25, ZZX23, ZS23, ZCQQ21, ZYLW23, MMM+95, MMMY96, PCDB96]. **Transport-Dominated** [Peh20a, RPM23].

Transport-Inspired [KPR25]. **Transport-Reaction** [HKF+13]. **Transportation** [BCC+15, PBJ+96, SM15]. **Transported** [RPM23]. **Transporting** [BLVZ23]. **Transports** [KMZ+25, Rei21]. **Transpose** [CCC17, Fre93]. **transpose-free** [Fre93]. **Transposition** [Gup17, Mat18]. **Transverse** [SPS18, ZB12]. **Transversely** [SCC17]. **Trapezoid** [LNP15]. **Trapezoidal** [Alp99, LH19, SO15]. **Trapped** [Par23]. **Traps** [Hir24]. **Travel** [CCH15, HRvdZ22, KLN20, KLRY25, TH17]. **Traveling** [LT12]. **Traveltime** [LQH21]. **Traversal** [WM11]. **Treating** [DL20a, SO09]. **Treatment** [BH00b, CDM+13, GTLSCDGR24, Sch09, WFG+20]. **Treatments** [CGZ99, DKM14b]. **Tree** [AFS19, BMNV20, BMNV21, BG14, BH17, CKS25, CWA14, HSK19, SMM24, WMSG09]. **Tree-Based** [BMNV20, BMNV21, BH17]. **Tree-Code** [WMSG09]. **Tree-Structure** [AFS19]. **Treecode** [DD12, KW11, MXB15]. **Treecodes** [GSS00]. **Trees** [JK21, KU18, Oli01]. **Trefftz** [AORW20, EKSW15]. **Tresca** [CEP20]. **Trial** [Lin16]. **Triangles** [Ber00b, D'A00, DK98, JP24, KPP+14, MZ24, OTV19]. **Triangular** [AKK18, BGLY05, Ber98b, Bol03, BK17, Cao07, CW18, FEM08, GGL09, GK19, HO15, HP94, Hig95, Hog13, KT15, Kla98b, Le 01, LNSZ06, MKRK13, SC02, SV24, VFHG25, WSK99, ZS03, ZQ18, AS93, BK17]. **Triangularly** [vd97]. **Triangulated** [FJP+11, LLZW19, NW22]. **Triangulation** [CWL+14, DV98, HGPM14, VHGR10]. **Triangulations** [EÜ09, Joe95, JGZ06, Joe93]. **TriCG** [MO21]. **Tridiagonal** [BHK20, DMPV08, DJLZ96, GWMG03, HKO99, KL11, LZ99b, MRV06, Oet99, RT99, AM95, Lan93, LL93, LZ94]. **Tridiagonalization** [BORTP19]. **Trigger** [BBC+16]. **Trigonometric** [AM18, HK17, KP07, MS20, Str00a, WDT22]. **Trilinear** [VP10]. **Trilinos** [HKR16]. **TriMR** [MO21]. **Triple** [KW15]. **Triplets** [De 12b, GH23, GSR19, JN10, WS15]. **Trivariate** [CD15a]. **Troubled** [QS05a, VR16, ZWG21]. **Troubled-Cell** [QS05a, VR16, ZWG21]. **TRPL** [WXS19]. **True** [Zha20, vdVY00]. **Truly** [YWG21]. **Truncated** [AM18, BMP25, CD15b, FGHO97, GJZ18, HSF23, MBVO13, YBM+18]. **Truncation** [BKS16a, BLY21, HSS08, LTZZ24, OC03, OPR23, PN19, TWL21, VVM12, You25]. **Trust** [BG24b, KHRvBW13, KHRvBW14, Pla98, QGVW17, RS02, TGPK23, WRS08, YMW07, YSK19, ZS18, dSK11, Sar97]. **Trust-Region** [BG24b, KHRvBW13, KHRvBW14, RS02, ZS18]. **Trust-Regions** [WRS08]. **TSAdjoint** [ZCS22]. **TSFC** [HMLH18]. **Tsunami** [BL24]. **TT-Based** [ZBdAF20]. **TT-Format** [OD12]. **TT-GMRES** [BPR25]. **TT-SVD** [RZTB22]. **Tube** [AHH12, Hun95, LJL09]. **Tubes** [TY00]. **Tubular** [NNRW09]. **Tucker** [DH16, DKS21a, Ett16, GOS12a, KP17, MLB24, PNL+21]. **Tumor** [BCG+10, HDB08, SSM+20, WLY25]. **Tunable** [RG20, ZZK15, ZMK17]. **Tuned** [YT24]. **Tuning** [BHM+21]. **Turbine** [TAY+19]. **Turbulence** [BBR04, PH13, WT23]. **Turbulent** [AK15, AABM13, AL07, EAS08, Har11, MP20a, TW96, ZCZ04]. **Turning** [LO03]. **TV** [GLN09, LRT11, SWU16]. **TVL1** [YZY09]. **Twin** [vLHH21]. **Twist** [BT03a, LFWP08]. **Two** [AK09, ABC+16, ABMR11, AG17b, ARS21, AJR23, AJNT25, ABIGG16, AIL05, AHR12, AHT17, Atk94, BN23, BGL06a, BT06, BBKK97, BK99, BC10, Bar99, Bar12b, BCT05, BB15b, BH11, BM01b, Ber95b, Beu05, BMMR20, BLMS21, BBKW19, Bre00, BKS13, BP22, CHR99, CM98b, CDG03, CGG07, CP07, CGL01, tVÇAU10,

CV12, CV15, CLDS19, CC02, CL97, CD20, CZ22, CC09, CJ05a, CDB13, CST+13, DS00, Dk00, DD00, DJM16, DF20, DL19, DKPS17, DF99, DHZZ18, DV20, ELW20, EG01, EF05, EPV94, Fai03, FV06, FS01, FMS24, FL97, Fer98, FCZE14, FK00b, FCC10, FN94, FL08, GJSZ13, GVP06, Giu22, GV16, GGKM07, GK98, GPS95, Gro02, GC97, HKR16, HL20, HS25, HHvR03, HZZ20, HS94, HR99c, HLZ13, ISW18, JVG12, JW05, JLZ16b, JK08, JP01, KKV13]. **Two** [KKP14, KR23, KCZ15, KSMM18, KKS13, KL06, KY14, KS15b, KT08, Kra09, KW15, KP09b, KPW17, KLLM22, KM05, Ld12, LAG14, LL19, LL98a, Le 09, LP08, LG97, Lee13b, LR20a, LR12, LM15, LD16, LZ21b, LMT18, LB15, Liu20, LQZ22, LWSP22, LCK21, Mac98, MRI21, MABO07, MB17, MMR19, MB13, MMN00, MO21, MY18, MEF09, NH12, NS06, NN19, NCV06, PJZ23, Par24b, PV08, PNP13, QS14, QSY24, RRR03, RRR05, RT01, RL18, RR98, RO12, SSW12, Sha21a, Sha12, SY10a, SY14, SM94, SSJB17, SV24, SLZ+25, SO09, TS24, TC99, TT13, VHSP20, VC00, VBT99, VMG09, VA24, WS07, WXK04, WDE+99, WL11, WMC12, WB12, WG18, WLLZ18, WHL18, WMHK19, WC23, WWM03, WMSG09, WCHZ14, WSP22, WGF08, WZ19, XBC96, Xu94, Xu23, XWT24, Yam02, YTLI11, YYS16]. **Two** [YFCH24, Yu01, ZF14, ZXY21, ZHY21, ZLZ22, dZHY23, ZHY24, ZC25, ZzSpH14, ZHS23, aKT18, Cai93, CSS93a, EOD93, EG93, Elt96, LV94, SRCG93, SS93b]. **Two-** [MMN00, SS93b]. **Two-Body** [Kra09, Sha12, CSS93a]. **Two-by-Two** [BGL06a]. **Two-Dimensional** [ABC+16, BT06, BBKK97, BMMR20, BLMS21, BP22, CHR99, tVÇAU10, CC09, CST+13, DD00, DF20, DL19, DF99, DHZZ18, FCC10, GVP06, Giu22, HR99c, ISW18, JK08, JP01, KL06, KPW17, KLLM22, LL98a, Le 09, LP08, LB15, Liu20, Mac98, MRI21, MABO07, MMR19, MB13, NS06, PJZ23, PNP13, RRR03, RO12, SM94, SLZ+25, TC99, VA24, WXK04, WB12, WWM03, WCHZ14, WSP22, XBC96, XWT24, Yam02, Yu01, ZzSpH14, KT08, Elt96, SRCG93]. **Two-Electron** [KKS13]. **Two-Fluid** [EF05, LM15, MEF09]. **Two-Grid** [AG17b, BN23, CJ05a, FL97, Fer98, LZ21b, MY18, Xu94, Atk94, VBT99]. **Two-Layer** [AK09, FV06, KP09b]. **Two-Level** [ARS21, AJR23, AJNT25, BC10, Bre00, CDG03, CGG07, CGL01, DS00, DKPS17, DV20, EPV94, Fai03, HKR16, HL20, HS25, HHvR03, KKV13, KKP14, MB17, Par24b, TS24, WHL18, WWM03, WZ19, YFCH24, LWSP22, NCV06, Cai93]. **Two-Material** [Sha21a]. **Two-Medium** [CZ22, ZC25]. **Two-Parameter** [GGKM07]. **Two-Phase** [AHR12, AHT17, BCT05, BH11, BBKW19, CLDS19, CL97, CDB13, FL08, KSMM18, KS15b, Ld12, LR12, LQZ22, LCK21, QS14, SY10a, SY14, SO09, WGF08, Xu23, YYS16, ZHY21, dZHY23, ZHY24, ZHS23, LV94]. **Two-Point** [BM01b, LG97, LR20a, VC00]. **Two-Regime** [FCZE14]. **Two-Scale** [CV15, KR23, NN19, SSW12, SSJB17, VHSP20, VMG09, CV12]. **Two-Side** [ELW20]. **Two-Sided** [BB15b, LMT18, WMHK19]. **Two-Sphere** [WL11]. **Two-Stage** [LD16, SV24, WC23]. **Two-Step** [Bar99, HLZ13, KW15]. **Two-Stream** [GV16]. **Two-Term** [FN94]. **Two-Way** [KCZ15]. **Type** [AILP07, BKK+21, CZ10, CLLY20, CRS20, CMM95, DW97a, DLY14, DHZ+21, EL01, GH23, GLZ22, GO09, GW00, GML+21, Gur04, HJN17, HS06d, Hoc01, HXX18, HXB11, HLM16, HJ19, ISS19, JW05, KQW04, Kus97, LKH25, LD16, LLCW22, LP23, LL23, LDX25, Lu95, MK00, MR01, PE00, QS03, RG98, TS11, TLT12, WWY11, WRSZ18, WWW25, YP98, Zha97, ZZWZ14, ZMS21, ZHY24, ZZY20, Zha22b, ZNX14, ZQ17, AO93, DSC05, GPHHAPR18, MV00, MC05, NvdP00, Tan93, AM17]. **Types**

[GYZ11].

UGKS [XZLX22]. **UGKS-Based** [XZLX22]. **Uhlenbeck** [Bri24]. **Uintah** [BBH+16]. **Ultimately** [Rum09]. **Ultra** [HLL+22, HMCK04]. **Ultra-Weak** [HLL+22, HMCK04]. **Ultrametric** [MDC08]. **Ultraparallel** [BFKY11]. **Ultrarelativistic** [KQW04]. **Ultraspherical** [DAE02, Elb06]. **Ultraweak** [EOR24]. **Unbiased** [CK17, GHKF22, GK13, HXW22, RVA17, RCJ23]. **Unbounded** [BWZ10, CGC21, CF05, DR13, DHZZ18, Kim05, MS17, TZ14, TWYZ20, XSC21, SY12]. **Uncertain** [BBC+21b, KP21, LM14b, MSS12, PVC17, SBND11, SCS04, TLE12, ZTM+16]. **Uncertainties** [LL25b, SG04]. **Uncertainty** [AM04, ASZ07, Bar12a, BPR04, BF16, BDK+20, BZ12, BGMW17, BJW18b, CHL06, CHX15, CAB04, CYVK15, CBG+19, FUNB18, FWA+11, FJHM19, FR19, GW20, GW04a, GS14, HSK19, HJX15, JSC24, KH14, KHRvBW13, KHRvBW14, Kou09, LSW24, LNP+07, LX12, LQX14, LW15, LZ04, LORCG25, PDE+17, Rah13, SSDN12, SRW+18, TZ14, WB08b]. **Uncertainty-Weighted** [FR19]. **Unconditional** [LLJF21]. **Unconditionally** [BBMZ20, CYZ17, GZW20, LO19, LWZ17, ST25, Wan22, YY18, ZHY21, ZZX23]. **Unconstrained** [Toi96, ZZSL25]. **Underdamped** [RCJ23]. **Underdetermined** [AHDK14, JP08, MSM14, SX11]. **Undersampled** [CG10, DG17a]. **Understanding** [EPMN25, WTP21]. **Underwater** [TKW08]. **Unfitted** [BMV18, BMNV21, BMWK25, BCDE21, HLP23, LY20, LGR20, ZVF18]. **Unidirectional** [OL98]. **Unification** [Tie18]. **Unified** [BWZ21, CTU25, GLRS23, GKC13, HK02, KLRU17, KHW+14, LKvBW10, MS18a, jQZ24, WMBT19, WPGR13, Xu23, ZZZ21, ZHY24]. **Uniform** [BLZ25, BHM25, CTU25, CC06, Fu21, GMSB16, Lu95, Ong94, Red99, Sch10, TV93]. **Uniform-Consistency** [Lu95]. **Uniformity** [LSW02]. **Uniformization** [SBM07, WkZ15]. **Uniformly** [BS18a, BR09, CCL+20, Lau22, TB99a, WYT18, WX21, ZCL+11, ZZX23]. **Unipolar** [TJ25]. **uniprocessor** [NP93b]. **Uniqueness** [FLM+05]. **Unit** [GMSB16]. **Units** [BBFJ16, BCFJ19, GMBR24, KMSM14, KHW+14, Nov15, WHCX13]. **Unity** [AD18a, AD19, DFW21, DFW22, GS00, GS02a, GS02b, KO17, LSH17, Mir21, SU25, Sch09, Sch13, ST23, YSZ14]. **Univariate** [Win06]. **Universal** [Par24b]. **Unknown** [ACD23, CGL24, HM18, WQX20, YGS+21]. **Unknowns** [KL10]. **Unmatched** [DHHR19, EH18]. **Unmixing** [BNP15]. **Unnormalized** [Wal14]. **Unrelated** [Soo16]. **Unsaturated** [FK97]. **Unspecified** [GL22c]. **Unsplit** [NMAB11]. **Unstable** [CLXY25, LCBD07, SW22a, SW22b, Sma01, vVKA11, Wri93]. **Unstaggered** [HRT13, Ros06b, TKK16]. **Unsteady** [BBKK97, BCI22, GHTW00, GP96, HR99a, JVG12, LQC23, OKGG+23, PTT20b, TY00, TMD24, TVV11, WMI09, Wu99, MMPR93]. **Unstructured** [ABBM98a, ABBM98b, ATWK20, AJ22a, AKS05, BKS13, BL05, CQ22, CGZ99, DBSR17, EZ11, EFHL09, FEM08, FSD24, GK19, GH99, HL20, KN21, KWG+20, KZ16, LE10, LSTY21, MV09, MKRK13, MMV98, NX12, QXYZ24, RW01, SRI+18, SC02, TP21, VBT99, VA24, XOMN10, ZSD+10]. **Unsymmetric** [GBDD10, HK00, HvdG96, Nik00]. **unto** [LWZ+24b]. **up-** [BPT93]. **Update** [CWY17, HCRT13, LXdH20, MT19a, VD23, vNLB04, Anj93]. **Updates** [BDdSM11, BBM11, KMR19, LXdH20,

MHL+15, PW15, PXYY16, YPHH17]. **Updating** [AB16b, HA17, ZS99]. **Upon** [KM97, HH13]. **Upper** [BGS17, LQX14]. **Upscaling** [BLV17, lCCVEKV17, EIL+09, HKM20, KLV+16]. **Upwind** [ABCH23, CKW24, CPR11, KNP01, KPP07, KP09b, KPW17, LE10, Tor05, VS03]. **Upwind-Euler** [CPR11]. **Upwinding** [CKV99]. **UQ** [BH20]. **Urine** [LL02]. **Use** [AABM13, Cai95, CFSZ08, Che13, CWG10, DNP+04, DGK+16, GBS19, JFG15, JvGVS13, Man99, OT09, RZ03, SO15, SSVW17, ZLLT13, HO93]. **Used** [NNH99, SMZ18]. **User** [MT19a]. **User-Defined** [MT19a]. **Using** [AGI10, ABM+13, AKW17, AP14, Ant22, AMP00, ALZ14, ACHN21, AGHJ23, ADLW19, BBSV10, BS25a, Bar05, BBH+25, BSS09, BKK+21, BBC+16, BCI25, BNP15, BL23b, BBR04, BB15c, Bja19, Bli24, BV00, BNN23, BBT11, BHP94, BMPS22, BT21, BBR08, BKS98, BW09, BDW11, BJW18b, BT19, CLW13, CD19, CWC08, CCC17, CD15a, CT03, CFKM18, CSZZ20, CYDK21, CGL24, CHJ16, Cho05, CH08b, CBG+19, CV98, CRR18, CPD17, CPB19, CDS24, CFM98, DU19, DKM14a, Del14, DHL+23, DARG13, DG17a, DLTZ06, DL19, DAE02, DFJS19, DMRR19, DKS21a, DS97, DTT+16, DV98, DHE13, DGK98, DKZ09, DCP11, DHL20, DB07, DF03, DV20, EHL06, EKSS16, EVLW17, FGMP13, FGMP14a, FGMP14b, Fai03, FTY15, FG23, FJHM19, GH13, GRPG01, GLR+16, GSM24, GL15, GMS21, GS98b, GCB04, GN22b]. **Using** [GNPT18, GM11, GNZC17, GX20, HT14b, HKA+21, HS99a, HM98, HW03, HW99, Hof05, HRS10, HL19, HC18, HM20b, Hol99, HJJ22, HC25, HCW20, HHSY22, HJZ23, HK02, Hun95, Hun96, IT14, JP16, JFG13, Joe95, JF16, JP01, JZ00, KV20b, KVV23a, KO05, KU18, KR06, KL13a, KD20, KMT24, KLS08, KKKK24, KLY19, Kou09, KRS21, Kup98, Kup00, KKK+25, Lan98, LMKG16, LLP98, Lay06, LV10, LFB13, Lee14, LP24, LBYT24, LM17, LLWxY20, Lie93, LZ13b, LS09, LCL18, LZ04, LORCG25, MM13, MCT+05, MMR19, MS06a, MCB18, MR18, MG23, NKTY08, NMWI11, NMFP16, ODN17, OST11, OKLS15, OSS22, PDH09, PVC17, PP05, PTT20b, PRM09, PCD17, PBtTB+15, QS14, QS05a, QS05b, QNNZ19, RSNNR17, Rav02, RKLN07, Rim18, Ros05b, RHSK11, RCJ23, Sch02, SSW18, Sco17, SZ00]. **Using** [SEKR24, SMR16, SAY03, SRI+18, SD21, Str99, SSH06, Tap22, TP21, TWK18, TBKF14, Til15, VBA18, Van00, VSS14, VS17, VR16, WB08a, WS95, WE13, WSZ14, WB00, WKM+07, WkZ15, WT01, XKWY08, XAW17, YCZ13, YG15, YY18, YB09, ZHBS25, ZGK20, ZCT24, ZWG21, dSGK+15, AMB+94, BS05e, BFP22, BHL22, Car93, CHX15, CJ99, DS96, DMD+12, FGM95, GTK+17, GKM+17, dMGF17, HMAS17, HRR23, HBS00, HHMDC18, Joe93, LLZW19, LBHH22, LMSSS97, MS93a, MHS98, Nat95, Nat97, OPR22, Pet93, RNR16, SBK18, She94, She95, VS23, WvdZSvB18, YSX17, YTT21, YWL17, dBMZ11]. **Utilizing** [BKMRB21, KRW20, PR22]. **Uzawa** [HOW17, LRGO17].

V [MT24, TB24, VCS24]. **V-Cycle** [VCS24]. **V-Cycles** [MT24, TB24]. **validated** [YGCP96]. **Validation** [MS06b, RW97, Woo94]. **Validity** [CDK21]. **Valuation** [CF07, HY08, Mar03, Toi08]. **Value** [ABLS05, AA00, AFF+15, AP97, AS94, BK06, BM01b, Bet08, BF95, BIYS00, BKS25, BKS98, CGAD95, Cas05, CD01, CV94, CGHT14, Der08, Drm97, DK03, EM96, EM99, EN08, FS02, For06, GG13, GG19a, Gu15, HJ18b, HM14, IM97, IM99, LV07, LZ21a, LG97, LR20a, LWZ13, LLJ22, LK98, MS07d, Nit99, Nov23, OS98, PL03, Pat97, PRSS11, SBS98, SW16, Ste99, VC00, VV05, VVM12, VK13, WZZ+25, YR98,

BD93, BZ93, CS12, Rán93]. **Valued** [BBSW16, BzCS11, BGRS24, BS15b, DH01, DRW20, GG21, MO08, PVC17, SCW23, SWU16, VO19, XD21, ZBFN17, ZCPM20, DGB15b, GS14]. **Values** [DF21, FH21, LR10, VSS14]. **Valveless** [JP01, LJL09]. **Vandermonde** [DMM19, DMM20]. **Vanilla** [GLL+14]. **Vanishing** [HXB13, ISS19, XZB11]. **Variability** [GLM22, GLT18]. **Variable** [AdVC00, BCP24, BLR99, BPR16, BRR18, Bör07, BB02, Cas05, CP13, CLAT10, CCLZ25, CLST03, CS18b, CS20, DGLL21, DKS21b, FGMP13, FGMP14a, FGMP14b, GX16a, GM14a, GZYW18, GO09, GYM25, HS97, HC18, HSY20, HS21, Jia14, JY21, JL05b, JR98, KP09a, KG14, KW10a, LCE22, LJ17, LZ20, lLTZ21, LL20, LSZ23, MS25, NH14, jQZ24, SWX16, SK25, SV25, XZ23, ZZK15, ZZSL25, vLA21, vdSF21, CSS93a]. **Variable-Order** [CLAT10, ZZK15]. **Variable-Rank** [Bör07]. **Variable-Separation** [CCLZ25, LJ17, LZ20]. **Variable-Step** [XZ23, CSS93a]. **Variable-Stepsize** [BLR99, KW10a]. **Variables** [Bar12b, CE17, FEL18, GSM24, HW99, JK12, Tap22, ZBFN17, ZRK15, ten95]. **Variably** [Sta00]. **Variadic** [Dar21]. **Variance** [DG17a, ESdOCP23, ESdP24, ET24, FP14, FB95, FKRH22, GSO17, HYW+25, SK23, ZS04]. **Variances** [AGSS19]. **Variant** [BDJ05, CM25a, CILW23, HZ10, NO98, YC99, CGS+94]. **Variants** [AR99, CGL+12, CMS94, CC02, CC20, GKK15, GLC21, Gut93, SM17]. **Variate** [FÖ21, GKNW18, PBP14]. **Variates** [PMSI21, SRW+18]. **Variation** [BBH+25, BGK15, CGM99, CMM00, CT03, CC03, CLNZ16, DF03, FLDT25, GY05, GY09, LN17, MF06, RKW20, VO96, WBFA09, ZWZ+13, NWY10, HS06d]. **Variation-Based** [CGM99, CMM00, CC03, GY05]. **Variational** [AEFM17, ASR+23, AD21, AD25a, AH20, Ami94, BBSW16, BGN07, BGR16, BF24b, CCH+25, CG21, DMN08, DCL+21, DSL21, EOR24, GLS08, GS12, GMS21, HXW22, HW21, HW03, HLP08, HLWX24, Hua05, HMCK04, JZX+21, JK05, KLT06, KR00, KZ16, LSU11, Lee13b, LGHL23, LYLC17, LW20a, LWW22, LWSP22, LB07, LB08, Mar03, Obe13, PVV11, Pul08, RLG98, RL13, Sch13, SVX15, WC23, Xu23, YGS+21, Zha20, ZC23, de 99]. **Variations** [hSSW23]. **Various** [Hof04, HHL07, YWdCN+24]. **Varying** [BLMR02, BHR23, CCL+20, DD12, KKV13, TW05]. **Vascular** [NV08]. **Vector** [AKA13b, BS05d, BzCS11, BZ12, BS15b, BTK19, BRZ14, BBR08, Che16, CQZ17, CP95, DO15, DKGS15, DGB15a, DGB15b, DRW20, DBK25, DCP11, EAA21, FHH+18, FMYT16, FF05, GJMM24, GS14, KR17, KAU18, KY05, Kor93, KHW+14, KV13, KQW04, LXG+21, MDM15, RW01, RCLO18, SO24, UA04, WH09, YHS07, YB09, ZBFN17, ZCPM20, ZGA10, ZZSL25, ZZY20, Heg95, LMSSS97]. **Vector-BGK** [ZZY20]. **Vector-Kronecker** [DO15]. **Vector-supercomputer** [Kor93]. **Vector-Type** [ZZY20]. **Vector-Valued** [BzCS11, BS15b, DRW20, ZBFN17, ZCPM20, GS14]. **Vectorization** [Nov23]. **Vectorized** [PR96]. **Vectors** [CKLP11, Cho05, DGK98, Gri19, IK10, KKT13, SM15, YC99]. **Vehicle** [EHW00]. **Velocities** [MS98]. **Velocity** [BST08, BJP+22, Cho09, GP99, HPS06, KZP20, LRV22, Min02, OR02, VN03]. **Velocity-Pressure** [BJP+22]. **Velocity-Pressure-Pseudostress** [LRV22]. **Velocity-Pressure-Stress** [GP99]. **Velocity-Stress** [Min02]. **Venant** [LCJ+20]. **Verification** [BLGL11, KHU96]. **Verifying** [SE13]. **Verlet** [HL97, MIS03]. **Version** [AJ22a, AGH13, AP99, CDG17, CG99, GC97, HK95, LS05a, MMM+94, QOSB98,

SYEG00, ZK96, Cas97]. **Versioning** [Til15]. **Versions** [LSC03, SZ99, ST98]. **versus** [CSB+18, GBS19, HNR17, Sma04]. **Vertex** [AGK18, BMSV97, BF22b, CMS94, CW16a, DHPAH19, DPW19, KPÇA12, RL17]. **Vertex-Based** [DPW19]. **Vertex-Mapped** [CW16a]. **Vertex-Star** [BF22b]. **Very** [BBF+22, GHS+09, Jam98, LM00, NNRW09]. **Vesicle** [CS18b, DZ08, SXL+22]. **Vesicles** [KS15a]. **Vessel** [DCSO10]. **Vessels** [ZCT24]. **VFRoe** [BM08]. **Via** [BGMR01, CZK15a, DLY17, Kog22, LXG+21, LGC+23, ZCZ04, Zha18a, AB02, AGR+20a, ABLS05, AG25a, AALPC25, AK17, ABL20a, ACN19, ADS21, AGR20b, AK04, AVW13, ÁJHP24, BS05a, BMTZ13, BR19, BM18, BK24, Bla03, BQRS23, BKS25, BCY21, BCCX21, BTLZN22, CBHB19, Car10, CHL20, CK17, CLNZ16, CS10a, CAS11, CHWY23, CDI+25, CLST03, CS98, CKO15, CGF21, DP17, DFS17, DH01, DDF00, DGP10, DMM19, FTNB24, FMRR13, FNTB18, FM16, GSS12, GM14a, GM25, GLT09, GD07, GNZC17, HLG24, HSU21, HHSW11, HCX22, HJS18, HL23a, HLX23, HMMS22, IK10, JKLZ18, JML22, KKS08, KOB20, KSD10, KG18, Kue12, KOSB16, LZMW20, LL25a, LKvBW10, Mar16, MKW23, NX12, Nas09, NWY10, OKdSG17, OT11, PV23, PN25, PFRS24, PW15, Peh20a, PG22, PH16, RO15a, RPM23, RLA25, SDNL10, SM15, DFK23]. **via** [TMA23, Van20, WK18, WEB25, WZ19, XC20, XS24a, XC13, XCLQ20, XAKS23, XWT24, YH19, Yin09, You25, ZKN20, ZZ04, ZF14, ZBK18, ZZZ21, ZZL22, ZSPL21, ZVF18]. **Vibration** [Cab94, PRS12, QRV21]. **Vibrational** [NVT24]. **Vibrations** [CSS10, Lan94]. **Vibroacoustics** [GJ07]. **Video** [LB07, LB08, SYZO15]. **ViennaCL** [RTR+16]. **Views** [Bja19]. **Virtual** [BDZS24, DH24, FK18, KRRB25, MV21, MS25, NKTY08, WLZ18]. **Virtual-GRAPE** [NKTY08]. **Virtue** [CCS+19]. **Visco** [YBM+18]. **Visco-acoustic** [YBM+18]. **Viscoelastic** [BB08b, CL03, Del14]. **Viscoelasticity** [MRB23]. **Viscosities** [SY10a]. **Viscosity** [BCP24, CP13, Elm99, FGMP13, FGMP14a, FGMP14b, GO09, HC20b, RSG17, hSSW23, SK25, TW12, TLLK09, XS08]. **Viscous** [BG05b, BKBT18, EHY21, Fai03, GZYW18, GZW18, GXZ21, HB97, JMN01, KMER22, Kup01, Lay96, Mar09, NNH99, SL09a, TY00, WZF25, Whi15, Xu04, Elt96, SS93c, TR93]. **Vispark** [CHJ16]. **Visual** [CHJ16]. **Visualizing** [YWL17]. **Vitro** [DMM+16]. **Vlasov** [BOB+19, BCC20, BCCM24, CLW13, CV07, CCL+20, EL18, EL19, GH18, GQ24, KRW20, Kor15, McG95, MCV17, PKS21, TKCC13, WMC12, XOMN10, ZCQQ21]. **Vlasov-Based** [CV07]. **VLSI** [MS07c]. **Volatility** [Bri24, IT09b]. **Voltage** [BFSN08]. **Volterra** [AH18, BHK14, SE11, XZB11, ZV05]. **Volume** [AGL10, AV25, AH06, AW11, AS05, AD06, BSS09, BMM98, BCF12, BDM24, BS06a, BRBT12, BDPR22, CH09a, CCKP21, CLP08, CZ10, CHKM13, CK15, Che05, CCC18, CH11, DTY20, DRFNP07, DFN12, DW24, DMSC18, EKSS16, ES17, EIL01, FM11, FCM12, FEM08, FL19, GCD21, GW15, GHS+09, HA01, KP12b, KPS19b, KW10b, Kye12, Ld12, LOL13, LO14, Lem16, LW25, LL08, LSV13, LB25, LMMW04, MMZ03, MB13, MSS12, MT23, MSV00, OSU10, OKGG+23, PHA18, PL06, Pet01, PPRS19, QS08b, Rah00, SYY09, SY18, SC02, SLZ+25, Tor05, Ush01, YCY19, ZJC12, ZLS12, ZC25, ZQ18]. **Volume-of-Fluid** [LL08]. **Volumes** [Say15]. **Volumetric** [CDM+13]. **Voronoi** [BGL06b, DGJ03, DW05b, GCN21, JGZ06, LCN14, ZEG19]. **Vortex** [BN98a, GHK14, HM98, KO17, Nit99, OSCE00, PRM09, Pup99, RRR05, Ros96,

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