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## Title word cross-reference

$(p, p - 1)$  [ZW24].  $(\vartheta)$  [AK20a]. 1 [KLMZ21].  
2 [DFFS22, HM22]. 3 [FGOS20, FLH23,  
Han23, HJHUT20, KLMZ21].  $k$  [CCMP24].  
 $A$  [LWC23].  $H(\text{curl})$  [Hu23].  $H^1$  [FH24].  
 $H(\text{div})$  [FH24].  $o(\frac{1}{k})$  [BN23].  $C^1$  [CJZ22].  $\delta$   
[HX20].  $\ell_2$  [GPHHA20].  $\ell_\infty$  [GPHHA20].  $\Gamma$   
[GKMR22].  $H$  [WX20, GS25].  $H(\text{curl})$   
[CFV23].  $H(\text{curl})$  [WYZ20b].  $H(\text{DIV})$   
[Mu20].  $H^1$  [QW23].  $H^2$  [AP20].  $H^m$   
[CHW22].  $H \in (0, 1)$  [ND22].  $hp$   
[AH21, AP21a, AP21b, DMS21, FMMS23].  $\kappa$   
[DH24].  $L^2$   
[AXSZ22, CSWY23, DST21, LSXY24].  $L^\infty$   
[CMZ21].  $L^p$  [DST21].  $L_1$  [Mus20, NT21a].  $p$   
[BDS23, BHL21, CDCVV21, CFV23, KR23a,  
KR23b, KR23c, MPV20, WL20].  $\phi$  [DL20b].

$Q$  [GWY22].  $r$  [ARSY20].  $\theta$  [WZZ22].  
**-Conforming** [CHW22]. **-Convergence**  
[GKMR22]. **-Curl** [WL20]. **-Dimensional**  
[HJHUT20]. **-Discontinuous** [DMS21].  
**-Elliptic** [Hu23]. **-FEM**  
[FMMS23, GS25, AP21a, AP21b, DL20b].  
**-Field** [FGOS20]. **-HDG** [ZW24].  
**-Laplace-Type** [BHL21]. **-Laplacian**  
[BDS23, CDCVV21]. **-Navier**  
[KR23a, KR23b, KR23c]. **-Norm** [QW23].  
**-Projection** [DST21]. **-Robust**  
[CFV23, MPV20]. **-Singularities** [HX20].  
**-stability** [AK20a, DST21]. **-Stable**  
[AP20, LWC23]. **-Tensor** [GWY22].  
**1-Wasserstein** [XLZZ24]. **1D** [MKR24].  
**2** [ARSY20].

**3D** [MKR24].

**Absorption** [GSZ20]. **Abstract** [ASP25, SV24]. **Acceleration** [BC22, BM22, EPRX20]. **Accuracy** [ARSY20, HKYY21, LAZ22, MR21, WZ23, YHLR22]. **Accurate** [AHP24, CS22a, EW21, EG22, FR21, LWZ20]. **Accurately** [JZZ24]. **Acoustic** [ZWC20]. **Active** [LO23]. **Adaptation** [CAGD22]. **Adaptive** [AB24, BLY21, BIP22, CN21, CM21, CLS23, EEST22, HAST22, HL23, MRV23, QZ20, WYZ20b, dVCN<sup>+</sup>23]. **Additive** [BJ22, CHS21, KLS20, Par20, YDS21]. **Adjoint** [YWB24, CM21, LWZ20]. **Advancement** [AH21]. **Advection** [HZ20, MZZ22, SWZ20]. **Affine** [BG20, EEST22]. **Agglomeration** [ABBV23]. **Agglomeration-Based** [ABBV23]. **Algebraic** [BKSS24, MPV20, Xia21]. **Algorithm** [ARSY20, BdBEO21, BHYZ23, BC20, BN23, Col23, GW20, GANT20, QWL22, SSZ23, TWZZ23, ZRZ23]. **Algorithmic** [HHM<sup>+</sup>20]. **Algorithms** [BW20, CL21, CCW21, CDD<sup>+</sup>20, DH21, GL24a, GL24b, HPBL21, MR21, Ni21, SZ21a]. **Allen** [CGP20, JLQ22, ILTZ20]. **Alternative** [WR21]. **American** [DLZ20]. **AMF** [GPHHA20]. **AMF-W-Methods** [GPHHA20]. **Ampère** [BBHT24]. **Amplitude** [IG21]. **Amplitude-based** [IG21]. **analogue** [AK20a]. **Analyses** [LET20]. **Analysis** [AGS21, AB20, ADS23, AHPV25, ABCS24, BGNS20, BCJQ24, BK21, BFOQ24, BSWW22, BPS22, BH21, CJZ22, CH22a, CL21, CFV23, CSW25, DN21, DEL21, DS20, DGL20, EH22, FGOS20, FA22, FGP21, Gal21, GHM21, GS23, GKS23, GMSZ22, GKMR22, GWY22, Guo21, GK24, Hal21, HY22, HN21, HS21, HS23, HPBL21, JLZ24, JZ21a, JK22, KR23a, KS20, KM20a, Kop20, KLMZ21, LS20a, LWS22, LZ23, LSXY24, LWWW22, LRK22, LZCZ22, LWXZ20, MSD22, MO25, MST22, MST20, MS20, Mus20, ND22, NR21, OS24, Otá22, Pap22, RS21a, Rub20, RN20, SGT20, SC23a, Sun21, WLPU21, Wan23, WTSZ24, WYZ24, WYZ20a, WB21, WLF23, XZ22, YZZ20, ZZZ22b, ZN23, ZDMZ20, ZQ23, ZL21, ZW23, ZWT24b, dVCN<sup>+</sup>23, vWR23]. **Analytic** [CL24]. **Anderson** [BC22, EPRX20]. **Anisotropic** [AK20b, BJL23, CAGD22, Hal22]. **Anisotropically** [ST22]. **Annealing** [DGLT24]. **Any** [AK20b, WHL21]. **AP** [PCQL21]. **Application** [ACM24, BCT21, BGG23, CFV23, CMZ21, DH21, HLM22, JLY21, JLM<sup>+</sup>25, KN23, LZ23, PR22]. **Applications** [CS23, CL24, GP22, JLM22, Kar21, LJL<sup>+</sup>21, LYI24]. **Applied** [BJ22, CMZ21, GANT20]. **Applying** [VL23]. **Approach** [AHW23, BHL24b, CS22b, CS24, CSW25, GKN21, Mai21]. **Approaches** [GH12, GHK25, GFSZ20]. **Approximability** [RW24]. **Approximants** [NT21a]. **Approximate** [Lab20, WLPU21, Zha23b]. **Approximated** [DXY22]. **Approximating** [CGR20, DMM24, FL21, Ni21]. **Approximation** [AN21, AJH23, BPW23, BO20, BHL21, BG20, BHL24b, CC23, CLLY25, CBM25, CS23, CRR24, DLZ20, DH21, DSY21, DDO20, EHK24, EG23, EG25, FLO20, Gaw20, GSW21, GPR20, HKYY21, KR23a, KR23b, KR23c, KLMZ21, LS20b, MSS20, Mus20, NT21b, OS24, PS20, PS21, PM24, PSS22, RSS22, RSS24, Spr24, WYZ20b, Wor25, Xia21, YWB24, ZSH20, ZZZ22b, ZW20a, ZW20b, ZDMZ20, dDFH23]. **Approximation-Based** [CBM25]. **Approximations** [AHP24, AP21a, AP21b, ADM17, ADM21, BR20b, BLV20, BDG23, CZZ22, DGL20, EW21, GS23, GAJN25, GMSZ22, GKMR22, GHM20, Hel24, HL23, HK20, JZ21a, LC24b, LP25, MSD22, MNO21, Wan23]. **Arbitrary**

- [CHW22, CH22b, Han23, HX20, Kam21, LMN23]. **Area** [JSZ23, KYB23].  
**Area-Preserving** [JSZ23]. **Arising** [dDFH23]. **Arnoldi** [CCW21]. **Artificial** [BHL24a, DIL<sup>+</sup>20, JLY21, SWZ20].  
**Assimilation** [GANT20]. **Assumptions** [Kam21]. **Asymptotic** [DHS24, EHK24, GV20, GGHS22, GPR20, HD24].  
**Asymptotic-Preserving** [EHK24, GV20].  
**Asymptotically** [CHJS21, LTTF21].  
**Asymptotically-Preserving** [CHJS21].  
**Attractors** [DK23, LYC23]. **Average** [CDW24, YDS21]. **Averaged** [WX20].  
**Averages** [BE24]. **Axisymmetric** [DN21].  
  
**B** [HHM<sup>+</sup>20]. **B-Splines** [HHM<sup>+</sup>20].  
**Backpropagation** [ABCS24]. **Backward** [HHL24, KV22, WZZ22]. **Balance** [LWWW22]. **Banach** [MvdZ20]. **Barrier** [KM20a]. **Based** [AHW23, ABBV23, AP24, BGNS20, BHLZ24, BdBEO21, BHYZ23, BFS23, CBM25, CFV23, CCL23, CGZ25, CLR23, CCMP24, CDD<sup>+</sup>20, DGLT24, DMS21, GW20, LL22a, LM25b, MSD22, MRV23, PS21, RZZ24, Rub20, ZWT24b, AF21, IG21, KS20, PCQL21].  
**Basis** [AHP24, AJ24, HO24, SS25]. **Batch** [JLL21]. **Bates** [BCT21]. **Bathymetry** [NPT22]. **Bayesian** [ACM24]. **BDF** [AK20a, ACYZ21, HS24, LWZ20, ILTZ20, LL22b, SC23b]. **BDF2** [LIL22]. **BDF3** [LIL22]. **Beam** [QS21]. **Beavers** [SSZ23].  
**Behavior** [CCHHK20, MPV20]. **Bellman** [CFF20, CGZ25, FL21]. **Bernoulli** [DSS24].  
**Besov** [WSH20]. **Best** [DH21, NT21a].  
**Between** [SZ21a, GB20]. **Beyond** [GK24].  
**Bi** [CP23]. **Bi-Laplacian** [CP23]. **Bianchi** [HLM22]. **Bifurcation** [SV24]. **Biharmonic** [CKP23, DMS21, DE22, MSS20, YZ20].  
**Bilinear** [BFOQ24]. **Biomaterials** [GKMR22]. **Biot** [GVMRBV23].  
**Biperiodic** [Zha23a]. **Bitemperature** [ADBP22]. **Block** [LWC23, LWX24]. **Blow** [CRR24, KM20b]. **Blow-Up** [KM20b].  
  
**Blow-Ups** [CRR24]. **Boltzmann** [DHS24, DEL21, HQY21, PR22]. **Borrvall** [Pap22]. **Bound** [CDW24, MQ23, SX20b, CS22b, CS24].  
**Bound-Preserving** [CDW24]. **Boundary** [AHW23, BOWZ25, BFS20, CGP24, CMZ21, DFFS22, GZ21, GMSZ22, HJHUT20, HS21, JK24, JK22, KN20, Met21, NPT22, NH20, SBL22, SWZ20, WM23, YHLR22].  
**Bounded** [AHP24, HW22, LM22b, QS21, ZW22].  
**Bounds** [BCY21, BCF22, BW24b, CZZ20, CP23, DH24, FV23, GS25, GO23, HM22, Kam21, KRS<sup>+</sup>21, KM20b, WR21].  
**Branching** [SX20a]. **Bregman** [BCJQ24].  
**Brezzi** [AK20b]. **Brinkman** [AHPV25, Mu20]. **Brownian** [FLO20].  
**Bubble** [BV22]. **Bubble-Enriched** [BV22].  
  
**C** [ALOS23]. **Cahn** [CSWY23, CHSZ23, CGP20, CHS21, JLQ22, ILTZ20, LMR23, Met21, QW20]. **Can** [CZZ20]. **Caps** [LC24b]. **Cardinality** [BC20]. **Carleman** [BdBEO21].  
**Carleman-Based** [BdBEO21]. **Carlo** [CG24, CF25, FA22, GKS23, GSM24, HAST22, HZW23, KVM22, LWY23, SSX23, TS23]. **Case** [CL21, GHM20]. **Cases** [FH24].  
**Cauchy** [BGJ22]. **Cell** [CDW24, GKMR22].  
**Cell-Induced** [GKMR22]. **Central** [WJS23]. **Certain** [RW24]. **Chains** [BCT21]. **Changing** [CLR23]. **Chaos** [Wor25]. **Chaotic** [LWXZ22].  
**Characteristic** [MZZ22]. **Characteristics** [Sun21]. **Characteristics-Mixed** [Sun21].  
**Charged** [HLS23, WZ21].  
**Charged-Particle** [HLS23, WZ21].  
**Chebyshev** [CHS20, Huy22, SST<sup>+</sup>20, Wan23].  
**Chemotaxis** [FHW21, GGC23].  
**Chemotaxis-Consumption** [GGC23].  
**Chemotaxis-Stokes** [FHW21]. **Choice** [KR20]. **CIP** [ZW23]. **CIP-FEM** [ZW23].  
**Class** [ACM24, BCJQ24, CT21, CL24],

FLLT24, HS21, HD24, HS24, Lab20, LWZ20, NPT22, SX20b]. **Classes** [AN21, RW24]. **Classical** [CS22a, FV23]. **Close** [ARSY20]. **Closed** [BL23, BJL23, Li21]. **Clustered** [LWX24]. **Coefficient** [BJ22, JZ21a]. **Coefficients** [CGZ25, CLR23, EG25, Hu21, Hu23, Mai21, OP24, Spr24]. **Coercive** [WL23]. **Collocation** [AB20, CL20, CCL23, EEST22, FLM21, LL22a, LTF21, PM24]. **Combined** [LC24a]. **Commutativity** [FdRS24]. **Compact** [AKM23, CGR20, TS23]. **Compact-Equivalent** [AKM23]. **Comparison** [GB20]. **Compatibility** [HD24]. **Compatible** [BD23, LTF21, Geo21]. **Complex** [AKM23, ACW21, DH21, Hal21, Hal22]. **Complexes** [HLM22, HZZ22]. **Complexity** [JK22]. **Complicated** [Zha23b]. **Compressibility** [JLY21]. **Compressible** [LS22]. **Compression** [DIL<sup>+</sup>20, FP20]. **Computation** [ACW21, DH20, Geo21, HHM<sup>+</sup>20, Huy22, LWXZ22, Sto20]. **Computational** [GO23, HP20, LJL<sup>+</sup>21, SAY25]. **Computations** [Col23]. **Compute** [CZZ20]. **Computing** [AB20, Col22, JLZ24, LWXZ20]. **concept** [AK20a]. **Condition** [FdRS24]. **Conditions** [BKSS24, BOWZ25, BFS20, CGP24, DNT22, GSZ20, HS21, JK24, JK22, KN20, Met21, NPT22, NH20, Otá22, SBL22, SSZ23, SWZ20]. **Conductor** [RS21a]. **Conductor-like** [RS21a]. **Conforming** [BDL20, CJZ22, CHW22, CH22b, FK22, HLM22, KK20]. **Congested** [PS22]. **Connected** [KOO23]. **Connections** [SZ21a]. **Conservation** [AXSZ22, BR20a, CDW24, DMM24, FR21, FMR22, LZM<sup>+</sup>20, LLS21, PS20]. **Conservations** [WZ23]. **Conservative** [CDP22, DWW22, TC24]. **Conserving** [AP21a, AP21b, AP22, GLS20, MCL20, FLM21]. **Consistency** [MT20, YZZ20]. **Consistent** [HS23]. **Constant** [Gal21, Sto20]. **Constituted** [FGOS20]. **Constrained** [LWY23, GZ21, HW21]. **Constraints** [BPW23, SM25, YZDCNC23]. **Constructing** [CS22b, CS24]. **Construction** [KD25]. **Consumption** [GGC23]. **Contact** [LM25a]. **Contact-Mechanics** [LM25a]. **ContHutch** [ZHT25]. **Continuation** [BDE21, BDE23]. **Continuous** [AHV22, BSWW22, GAJN25, LET20, XLZZ24]. **Continuous-in-Time** [GAJN25]. **Continuum** [RS21a]. **Contraction** [LPW24, dVCN<sup>+</sup>23]. **Contractivity** [SZ20]. **Control** [AP24, BHYZ23, BFOQ24, CC23, CL21, CGN24, CMZ21, CLR23, Col22, DH21, GL24a, GL24b, GO21, GMSZ22, HPBL21, LSTY21, LS24, MK20, MU22, MK24, MST22, Otá22]. **Control-Based** [CLR23]. **Convected** [MNO21]. **Convection** [CCHHK20, CJZ22, MST22, WX20, WLF23, ZSH20, ZRZ23]. **Convergence** [AP21b, ALW21, AB20, ABCS24, AKM23, BR20a, BL23, BLM21, BCJQ24, BR20b, BK21, BJ22, BCF23, BSWW22, BN23, BO20, BH21, BCT21, BDG23, CL21, CAGD22, CN21, CP23, CZZ22, CLLZ24, CAS23, CHS21, DXY22, EEST22, EH22, EPRX20, FGK23, FKM22, FMMS23, FDvW21, FMR22, GPHHA20, GKMR22, GB20, GWY22, GLW22, GGC23, HP20, Hu21, HQY21, Hu23, HPBL21, JLL21, KR23a, KR23b, KR23c, KR20, KD25, LPW24, Li20, Li21, LS22, LYC23, LWWW22, LMR23, LZCZ22, LWXZ20, MS23, NSD22, ND22, Otá22, QW23, SGT20, SC23a, WYZ20a, WSH20, WR21, Xia21, XLZZ24, XZ22, YZZ20, YC21, ZWC20, Zha22, ZN23, Zha23a]. **Convergent** [BHL24a, BNY23, CG20, FKP25, JZ21b, LWX20, LWXZ22, Met21, NRY22]. **Converging** [EPRX20]. **Convex** [BLV20, BC20, CT21, KR20, Par20, SZ20, Tra24]. **Convexity** [JSZ23]. **Convexity-Preserving** [JSZ23].

**Convolution** [LM22a, SC23b]. **Cook** [QW20]. **Cordes** [CGZ25]. **Correct** [EG23]. **Correction** [Lab20]. **Correctness** [EG25]. **Corresponding** [MPV20]. **Corrigendum** [ADM21, CS24, GHK25]. **Cosserat** [BDN25]. **Cost** [AB24]. **Countably** [PSS22]. **Coupled** [CS22c, KHM24, KLMZ21, LSXY24, vWR23]. **Coupling** [BJMO22, DFFS22, GHM21, KV22, ZCPZ21]. **Covariances** [BGNS20]. **Crank** [AGS21, JLY21, SR20]. **Criticality** [LM25b]. **Cross** [BPS22, CG20, DNT22]. **Cross-Diffusion** [BPS22, CG20]. **Cross-Points** [DNT22]. **Crowd** [LMSS20]. **Crystal** [BNY23, ZWT24a]. **Crystalline** [BO20, BOWZ25]. **Crystals** [GWY22, NRY22]. **Cube** [MSS20]. **Cubic** [CG24, JORS24]. **Curl** [CFV23, EG23, WL20, WX20]. **Curse** [RW24]. **Curvature** [BL23, DN21, DN23, EG22, Gaw20, Li21]. **Curve** [JSZ23, Li20, YC21]. **Curved** [AW20, AJH23, CGP24, DFFS22, GHM20, NO21, WM23]. **Curves** [BJL23, SJ21]. **Cut** [BHL24b].

## D

[DFFS22, FLH23, HM22, Han23, KLMZ21]. **Darcy** [FA20, JLY21, SSZ23, ZCPZ21]. **Data** [CDD<sup>+</sup>20, Col23, DH20, DSY21, DGL20, FHK22, GANT20, Gla20, HL23, LM22a, LLMR23, LWZ23, bLWZ21, LCS24, LS20b, SWH24]. **Data-Based** [CDD<sup>+</sup>20]. **Data-Driven** [Col23]. **Davidson** [LWX24]. **Dean** [CF25]. **Dean-Kawasaki** [CF25]. **Decay** [WS23]. **decaying** [ALW21]. **Decomposition** [AFB<sup>+</sup>21, BBHT24, BDE24, CDW24, DNT22, GH12, GL24a, GL24b, GHK25, GSZ20, Hu21, KRS<sup>+</sup>21, LS20b, MS21, NR21, RS21a, SSZ23, Wor25, Zha23b]. **Deconvolution** [Lab20]. **Decoupled** [FHW21, LMR23, ZRZ23]. **Decoupling**

[LUZ20]. **Decreasing** [JSZ23]. **Deep** [AN21, DGYZ22, GHLY23, HPBL21, MS23, MR21, ZWT24b]. **Defeaturing** [BCG<sup>+</sup>24]. **Defect** [BO20]. **Defected** [YHLR22]. **Defective** [YWB24]. **Defects** [BOWZ25]. **Defined** [DL20b, SJ21]. **Deformations** [RSS22]. **Degenerate** [CT21, DE20]. **Degree** [GGPS21]. **Degrees** [CKP23]. **Delay** [CBM25, PM24, SV24]. **Densities** [GKS23]. **Density** [GHLY23, KN23]. **Dependence** [HHL24]. **Dependent** [GVMRBV23, GH24, HK20, KS20, KD25, MO25, SWH24]. **Derivative** [BBH22, DGG20, EW21, GAJN23, KM20a, MNO21]. **Descent** [DGLT24, JLM22]. **Design** [MSD22]. **Designs** [LC24b]. **Detailed** [LWW22]. **Deterministic** [GFSZ20]. **Deviations** [CHJS21]. **DG** [ZCPZ21]. **Diagonalization** [GW20]. **Diagonalization-Based** [GW20]. **Difference** [AF21, AGS21, AY20, DN21, lDzSW22, FL21, FLH23, FKP25, GvR24, KRS<sup>+</sup>21, MNO21, MSS20, RN20, SBL22, WK23, ZW22, Zou23]. **Difference-Discontinuous** [WK23]. **Differential** [ACM24, AB20, DK23, EEST22, GNS20, GHM20, GLS23, HHL24, HT20, HK20, LL22a, LZ23, ILL23, MS23, OS24, OSV23, SW23, SZ21a, WZZ22, ZWT24b]. **Diffraction** [HN21]. **Diffusion** [AHW23, BZ21, BJL23, BJ22, BPS22, BCT21, CK20, CG20, CCHHK20, CJZ22, CCL23, DEL21, DL20a, EEST22, GVMRBV23, HZ20, HLTW21, JZ21a, KVM22, KV22, KR23d, LMSS20, LTTF21, LWWW22, MZZ22, MST22, Mus20, NSD22, ND22, SWZ20, WR21, WX20, YZDCNC23, ZZZ22b, ZW20a, ZW20b, ZDMZ20]. **Diffusions** [GHLY23]. **Diffusivity** [LWXZ20]. **Dimension** [CHW22, CH22b, GK24, HO20, HO24]. **Dimensional** [ADBP22, BPP20, CCMP24, GV20, GK24,

HHL24, HJHUT20, HK20, JLM22, KLMZ21, LWX20, LM25b, LCS24, LRT25, PS21, PSS22, QS21, RW24, ZWC20, Zha23a].

**Dimensionality** [RW24]. **Dimensions** [BLY21, HZZ22, KN23, Led21, SSX23, WHL21, IG21]. **Diminishing** [CG20]. **Dirac** [BCY21]. **Direct** [CP23]. **Dirichlet** [CMZ21, GL24a, GMSZ22, JK24, Zha23b]. **Dirichlet-to** [Zha23b]. **Discontinuities** [ARSY20]. **Discontinuous** [AXSZ22, AM22, BR20a, BCF23, CDG23, CLLY25, CFV24, Che21, CDP22, CHSZ23, CS22c, DHS24, DMS21, DS20, DWW22, EG23, EG25, FHN23, GM22, HX20, KR23a, KR23b, KR23c, KK24, KK20, KR23d, LET20, LR20, LZM<sup>+</sup>20, LLS21, MKR24, MMD24, Pap22, RZZ24, Spr24, WK23, WTSZ24, WJS23, XSZ20]. **Discontinuous-Galerkin-in-Time** [CS22c]. **Discovery** [DGYZ22, KD21, ZWT24b]. **Discrepancy** [MR21]. **Discrete** [AM22, ADBP22, BR20b, CHKL22, CRR24, DN23, DH24, GHM21, GZ21, GV20, GWY22, GGC23, Guo21, Kar21, KK24, KN20, LM25a, LYC23, ILLL23, LZCZ22, NPT22, QW20, Tra24, XLZZ24, YC21, ZZZ22b]. **Discrete-Time** [LYC23]. **Discretization** [ABB<sup>+</sup>21, ACM24, BGJ22, BFOQ24, BPS22, BGG23, Che21, CHS21, DL20a, GS21, HW22, JK24, LSTY21, LMSS20, MvdZ20, SV24, SM25, SR20, YZZ20, ZZZ22a]. **Discretizations** [CFV22, CFV24, DRV21, DMS21, FLLT24, GGPS21, MST20, RN20]. **Discretized** [BDE23, FM21, LPW24]. **Disparate** [JLL21]. **Dispersion** [WD24, ZW23]. **Dissipative** [GW20, SX20b]. **Distance** [XLZZ24]. **Distances** [CWW24]. **Distributed** [CBM25, HMO22, bLWZ21, LS24]. **Distribution** [GKS23, HHL24]. **Div** [EG23, CH22b, WX20]. **div-** [CH22b]. **divdiv** [CH22b, HLM22]. **divdiv-Conforming** [CH22b]. **Divergence** [BDL20, BHL24b, FK22, Gal21, Han23, KK20, LS22, NO21, VL23, WHL21].

**Divergence-Conforming** [BDL20, FK22, KK20]. **Divergence-Free** [BHL24b, Han23, LS22, WHL21, NO21].

**Domain** [AFB<sup>+</sup>21, AJH23, BK21, BBHT24, BDE24, DNT22, GH12, GL24a, GL24b, GSZ20, RS21a, SSZ23, WYZ20a, vWR23, GHK25]. **Domains** [AHP24, AJH23, CC23, CFV20, DL20b, GHM20, HW22, KLMZ21, LWX20, LL22b, MZZ22, NO21, QS21, SJ21, SST<sup>+</sup>20, ST22, ZW22]. **Douglas** [AK20b]. **Downscaling** [GANT20]. **DP** [BPP20]. **DPG** [FH24]. **Drift** [BJ22, BDG23, CCW22]. **Driven** [BH21, Col23, CHS21, NSD22, ND22, PSS22]. **Dropout** [LRT25]. **DtN** [BLY21]. **Dual** [BBH22, CK20, CWW24, WW20]. **Duality** [AP24, Tra24]. **Duality-Based** [AP24]. **Dynamic** [MQ23, Met21, Wor25]. **Dynamical** [Col23, DEL21, EHK24, Guo21]. **Dynamics** [BCF22, DGYZ22, FV23, HLS23, KD21, LPW24, LZCZ22, WZ21, ZZZ22a, ZWT24b]. **Dziuk** [BL23, Li20, Li21, YC21].

**Earth** [GP22]. **EC** [CCMP24]. **Edge** [WYZ20b]. **Effective** [LWXZ20]. **Efficiency** [HP20]. **Efficient** [BS22, Met21, PSS22, SSX23, WL23]. **Eigenproblems** [JLM<sup>+</sup>25]. **Eigenspaces** [DE24]. **Eigenstates** [ST22]. **Eigenvalue** [ACZ24, CZZ20, CP23, CLLZ24, CL24, GLS23, HMO22, HP20, HT20, Kam21, LX23, RN20, Sch23, SC23a, YWB24]. **Eigenvalues** [DE24, GO23, GSW21, LWX24, YWB24]. **Einstein** [HLM22]. **Elastic** [BLY21, Bar20, CHH23, QS21, ZW22]. **Elasticity** [AKNY20, CT25, YLZ22, ZQ23]. **Electric** [HY22]. **Electromagnetic** [LC24a, WYZ20a]. **Element** [AKNY20, ABBV23, AH21, AJH23, BL23, BHL24a, BLY21, BZ21, BJL23, BL25, BPW23, BLV20, BGJ22, Ben25, BPP20,

BDL20, BGHY22, BFS23, BDN25, BFS20, BHL24b, CGO20, CK20, CSWY23, CZZ20, CM21, CFV22, CZZ22, CHH23, CHW24, CGZ25, CAS23, DN24, DFFS22, DL20b, DGL20, DWW22, ER20, ER21, FA20, FLM21, FLH23, GS23, GANT20, Geo21, GSW21, GLW22, Han23, HG22, HL23, HJHUT20, HLM22, HZZ22, JKVY23, JK24, JLWZ22, JSZ23, JZ21a, Kam21, LSTY21, Li20, LWX20, Li21, LAZ22, LZ23, LSXY24, LYI24, LP25, LS24, LL22b, MCL20, MZZ22, MSD22, Met21, Mu20, MRV23, NRY22, QW20, QZ20, RSS22, RSS24, Spr24, Sto20, WW20, WYZ20b, WX20, WB21, WLF23, ZSH20, dDFH23]. **Elements** [AW20, BL23, BV22, CKP23, CHW22, CH22b, Gaw20, GMMP24, Li21, NO21, WHL21, dVDV24].

### **Elliptic**

[BIP22, BKR<sup>+</sup>24, CM21, CL24, DHM23, DE20, EEST22, EH22, GHM20, GMP22, HL23, Hu23, JZ21a, LWX24, Mai21, MK20, MK24, MS23, QZ20, SC23a, Spr24, WYZ20b].

### **Embedded** [LR20, NWZ22]. **Energy**

[ALW21, ACYZ21, AHW23, BCJQ24, BL25, BLN21, CDCVV21, DH24, Dua25, DWW22, EHK24, FLM21, GMSZ22, GKMR22, GWY22, HLTW21, LSTY21, ILTZ20, LMN23, MCL20, MQ23, PCQL21, RK20, RZZ24, SX20b, SWW22, WB21, ZWT24a].

### **Energy-Based** [RZZ24, PCQL21].

### **Energy-conserving** [FLM21].

### **Energy-decaying** [ALW21].

### **Energy-Preserving** [WB21].

### **Energy-Stable** [BL25, Dua25, GWY22].

### **Enhanced** [DGG20, PCQL21]. **Enhancing** [MR21]. **Enriched** [BV22, YLZ22].

### **Ensemble** [AHV22, BSWW22, CHSV24, CST20, JLY21, LRT25, SSZ23]. **Entropic** [CHKL22]. **Entropy**

### [BPS22, CHKL22, CG20, DMM24].

### **Epistemic** [SAY25]. **Equation**

[ABB<sup>+</sup>21, ALW21, AGS21, BLM21, BCY21, BCF22, BW24a, BW24b, BK21, Ben25, BDL20, BBHT24, BS22, BDE21, BGG23,

BDE23, CS22a, CLLY25, CKP23, CGP24, CFV20, CMZ21, CDP22, CHSZ23, CGZ25, CF25, CHS21, DFFS22, DNT22, DEL21, DWW22, FLM21, GM24, Geo21, GM22, GMMP24, GSZ20, GPR20, GH24, HQY21, JORS24, JLWZ22, KK20, KLS20, KM20b, LC24a, LY20, LWY23, LL24, ILTZ20, LLZZ22, LS24, MZZ22, MST22, MSS20, Mus20, NSD22, ND22, NWZ22, PR22, QW23, RZZ24, SX20a, Sto20, TC24, WK23, WYZ24, WB21, YZ20, YHLR22, ZW22, ZWT24a, ZW20a, ZW23, ZW24, Zou23, QW20].

**Equations** [ACM24, AB20, ADM17, ADM21, AHPV25, Avi23, BR20b, BM22, BDN25, BDE24, CCHHK20, CJZ22, CFF20, CN21, CFV22, CFV24, Che21, DH22, DL20a, DE20, DS20, IDzSW22, DK23, DGL20, ER21, EEST22, EH22, EG25, FHW21, FL21, FLH23, FLLT24, FM21, FKP25, GS22, GS23, GANT20, GHM20, GLS23, GO20, HM22, HHL24, Han23, HZ20, HX20, HS20, Hu21, HL25, HS21, HS23, HS24, HK20, IG21, JKVY23, JK24, Kam21, Kar21, KN20, KS20, KV22, KHM24, Kop20, KR23d, LL22a, Led21, LWX20, LS20a, LWZ20, LAZ22, LM22a, LM22b, LWS22, LMS22, LLMR23, LWZ23, LWC23, MQ23, MS23, Met21, NPT22, OSV23, PS22, QS21, QZ20, SGT20, SV24, SW23, SZ21a, SX20b, SR20, Spr24, SWZ20, WZ20, WW20, WZZ22, WS23, WTSZ24, WJS23, XSZ20, YZDCNC23, YH25, ZZZ22b, ZW20b].

**Equations** [ZDMZ20, ZWT24b].

**Equidistribution** [GH12, GHK25].

**Equilibrated** [BCG<sup>+</sup>24, CFV23].

**Equivalent** [AKM23]. **Ergodic** [CL21].

**Ergodicity** [TS23]. **Erickson** [NRY22].

**Erratum** [BL23, MK24]. **Error**

[ALOS23, AXSZ22, AGS21, ACZ24, ADM17, AP24, ACW21, BCY21, BCF22, BW24b, BPW23, BLV20, BV22, BBH22, BCG<sup>+</sup>24, CSWY23, CDG23, CH22a, CGN24, CGP24, CFV22, CFV24, CMZ21, CSW25, CGP20, Col22, DLZ20, DN21, DEL21, DGG20,

DRV21, DMS21, DH24, DS20, DGYZ22, FV23, FHW21, FGP21, GS25, GaL21, GANT20, GGPS21, GO21, GK24, HW22, HZ20, HZW23, HS21, HS23, JORS24, JZ21a, KS20, KK20, KRS<sup>+</sup>21, KM20a, Kop20, KR23d, KM20b, LS20a, LWS22, LSXY24, LM25b, MST22, MS20, MPV20, Mus20, NT21a, NR21, Otá22, QW20, WLPU21, WL20, WZ21, Wan23, WYZ24, WR21, WB21, XSZ20, YWB24, ZZZ22a, ZW20a, ZDMZ20, ZWT24b, Zou23, dVCN<sup>+</sup>23, vWR23, ADM21, JK22]. **Errors** [BIP22]. **Estimate** [AXSZ22, BBH22, DRS24, FHW21, XSZ20, ZW20a]. **Estimates** [AM22, ACZ24, ADM17, ADM21, BW22, BPW23, BLV20, BV22, BLN21, CGO20, CSWY23, CDG23, CGP24, CFV22, CFV24, CMZ21, CGP20, DLZ20, DRV21, DMS21, GANT20, GO21, HW22, HZ20, HG22, JORS24, KR23d, LM25b, MST22, QW20, SR20, WZ21, YWB24, ZZZ22a]. **Estimation** [BIP22, CDD<sup>+</sup>20, DGYZ22, GHLY23, KN23, WL20, Zou23, ZHT25]. **Estimator** [BCG<sup>+</sup>24, GGPS21, KK20, MPV20]. **Euler** [AGS21, ADBP22, BJ22, KLS20, ZZZ22a]. **Eulerian** [HX20, LMN23, vWR23]. **Evaluation** [SWZ20]. **Events** [WLPU21]. **Evolution** [BHL24a, BDE24]. **Evolutionary** [WS23]. **Evolutions** [MS20]. **Evolving** [BHL24a, LL22b]. **Exactly** [LS22]. **Existence** [DJK24]. **Expanding** [ST22]. **Expansion** [CGR20, FDvW21, HN21, SGT20]. **Expansions** [ZWC20]. **Expected** [FP20]. **Explicit** [AH21, BW24a, BGG23, CFV22, CFV24, CAS23, HM22, MST20, OSV23, RK20, WTSZ24, ZWT24a, AK20a, LWZ20]. **Exponent** [BDS23]. **Exponential** [BW24a, BW24b, DH22, FMMS23, HKYY21, JLQ22, KD25, LM22a, LMS22, LLMR23, LWZ23, LL24, MS23, NWZ22, OSV23, ZWC20, Zha22]. **Exponential-Type** [NWZ22]. **Extended** [Wor25]. **Extension** [HHM<sup>+</sup>20]. **Extensions** [Hu21]. **Exterior** [DFFS22]. **Extrapolation** [ZEG20]. **Extrinsic** [CL20, CHW24]. **Face** [VL23]. **Factor** [KK24]. **Factorization** [ST22]. **Family** [HZZ22]. **Fanbeam** [BH21]. **Far** [BOWZ25]. **Far-Field** [BOWZ25]. **Fast** [BN23, DL20a, QS21, SST<sup>+</sup>20, SWZ20, ZDMZ20]. **FBSDEs** [YZZ20]. **FE** [YWB24]. **FEAST** [HT20]. **FEM** [AP21a, AP21b, AP22, AJ24, BIP22, BNY23, CN21, Dua25, DL20b, FKM22, FMMS23, FHW21, GS25, ZW23]. **FEMs** [Sun21]. **FETI** [BPP20]. **FETI-DP** [BPP20]. **Fibrous** [GKMR22]. **Field** [Avi23, BHL24a, BOWZ25, CSZ24, CL21, CHSV24, FGOS20, HN21, Kar21, LC24a, LS22, LJL<sup>+</sup>21, OS24, WZ21, ZWT24a]. **Fifth** [HKYY21]. **Fifth-Order** [HKYY21]. **Film** [FM21]. **Filter** [CHSV24, JLM<sup>+</sup>25, QWL22]. **Filtered** [bLWZ21, WLF23]. **Filtering** [ACM24]. **Filters** [FGK23]. **Finite** [AF21, AKNY20, AGS21, AY20, AH21, AJH23, BL23, BHL24a, BLY21, BZ21, BJL23, BL25, BPW23, BLV20, Ben25, BDL20, BGHY22, BFS23, BDN25, BHL24b, BD23, CGO20, CK20, CSWY23, CG20, CCHHK20, CZZ20, CM21, CFV22, CH22b, CZZ22, CHH23, CGZ25, CAS23, DN21, DN24, lDzSW22, DL20b, DGL20, ER20, ER21, FA20, FLM21, FL21, FLH23, FMR22, FKP25, GvR24, GS23, GANT20, GAJN25, Gaw20, Geo21, GSW21, GLW22, Han23, HL23, HLM22, HZZ22, HPBL21, JKVY23, JK24, JLWZ22, JSZ23, JZZ24, JZ21a, JZ21b, Kam21, KSG23, LSTY21, Li20, LWX20, Li21, LZ23, LSXY24, LYL24, LP25, LS24, MCL20, MZZ22, MSD22, MT20, MNO21, Met21, Mu20, MRV23, MSS20, NRY22, QW20, QZ20, RN20, RSS22, RSS24, SBL22, Spr24, Sto20, WW20, WK23, WX20, WB21, WLF23, ZSH20, ZW22, Zou23]. **Finite** [dVDV24, dDFH23, BGJ22, LL22b]. **Finite-Difference** [SBL22].

- Finite-Element** [AJH23]. **Finite-Volume** [JZ21b]. **Finitely** [KOO23]. **First** [CSZ24, EG23, EG25, GS22, LJL<sup>+</sup>21, QZ20, WYZ24]. **First-Order** [EG23, EG25, LJL<sup>+</sup>21, QZ20, WYZ24]. **Fixed** [BC22, BN23, EPRX20]. **Fixed-Point** [EPRX20]. **Flow** [AFB<sup>+</sup>21, AP21a, AP21b, AP22, BL23, BW22, BL25, BHL24b, CLLZ24, DN21, DN23, GLS20, GLW22, HP20, HD24, JSZ23, Li20, Li21, Sun21, WLYZ25, YC21, GWY22]. **Flows** [CWW24, CSW25, Dua25, GAJN23, GMSZ22, JLQ22, Lab20, LWXZ20, LWXZ22, NR21, Rub20, ZEG20]. **Fluctuating** [CF25]. **Fluid** [ALOS23, FK22, GP22, ZSH20, ZRZ23]. **Fluid-Fluid** [ALOS23]. **Fluid-Structure** [FK22]. **Fluids** [FGOS20]. **Flux** [BR20a, BGHY22, BCG<sup>+</sup>24, CFV23, ER20]. **Flux-Mortar** [BGHY22]. **Fluxes** [LZM<sup>+</sup>20]. **Fokker** [BS22, LLZZ22, WW20]. **Followed** [GKS23]. **Forchheimer** [FA20, ZCPZ21]. **Forcing** [HL23]. **Form** [DWW22, EG23, EG25, LZ23, QZ20, Spr24, WK23]. **Formulae** [KYB23]. **Formulation** [BHYZ23, BPS22, FGOS20, GS22, GVMRBV23, GLS20, Led21]. **Fortin** [FH24]. **Forward** [HHL24]. **Fourier** [CLL24, HQY21, LET20, PR22, PS21, SST<sup>+</sup>20, ZL21]. **Fourier-Based** [PS21]. **Fourier-like** [SST<sup>+</sup>20]. **Fourier-Matching** [ZL21]. **Fourth** [CGN24, MZZ22, XSZ20]. **Fourth-Order** [CGN24, MZZ22, XSZ20]. **Fractal** [JK22]. **Fractional** [ADS23, BFOQ24, BLN21, BG20, BGG23, IDzSW22, FKM22, FMMS23, FLLT24, GO21, HW22, HZ20, Kar21, KM20a, Kop20, KLS20, Mus20, NSD22, ND22, Otá22, SST<sup>+</sup>20, SSX23, WS23, ZW20a, ZW20b]. **Fractional-Derivative** [KM20a]. **Fracture** [AFB<sup>+</sup>21, GHM21]. **Framework** [CCMP24, CS22c, LMN23, MG23, PM24, RS21b, SV24, XZ22, vWR23]. **Free** [BCJQ24, BHL24b, CT25, DN24, Han23, LS22, NRY22, PS22, SW23, WHL21, YZ20, YLZ22, dVCN<sup>+</sup>23, LLS21, NO21]. **Free-Congested** [PS22]. **Freedom** [CKP23]. **Frequency** [AB24, CFV22, CFV24]. **Frequency-Explicit** [CFV22, CFV24]. **Frequency-Independent** [AB24]. **Frictionless** [LM25a]. **Friedrichs** [LZM<sup>+</sup>20]. **Frog** [JLY21]. **Front** [LWXZ22]. **Full** [BGJ22, Che21, CHS21, GAJN23, JORS24, WD24]. **Full-Spectrum** [WD24]. **Fully** [BR20b, CRR24, GWY22, Guo21, LM25a, QW20, SSZ23, YC21, vWR23]. **Function** [AHP24, ACW21, BE24, CC23, GNÖ23, Led21]. **Functional** [AB20]. **Functionals** [BCJQ24]. **Functions** [AJ24, AY20, BCKS21, CS23, GvR24, GKS23, Gla20, HHT23, HO20, HO24, Huy22, IG21, KOO23, KSG23, KM20a, MO21, PS21, PU22, RW24, SZ21a, Xia21]. **Gain** [OP24]. **Galerkin** [AXSZ22, AM22, ADS23, ADM17, ADM21, BCF23, BPS22, BS22, CDG23, CJZ22, CSZ24, CFV24, Che21, CDP22, CHSZ23, CS22c, DLZ20, DHS24, DRV21, DMS21, DE22, DS20, EG23, EG25, FA20, FHN23, GS23, GM22, HZ20, HJHUT20, HX20, HQY21, KR23a, KR23b, KR23c, KK24, KK20, KR23d, LET20, LR20, LZM<sup>+</sup>20, LLS21, MCL20, MKR24, MST20, Mu20, MvdZ20, MMD24, Pap22, PR22, RZZ24, SST<sup>+</sup>20, WW20, WK23, WTSZ24, WJS23, XSZ20, YZ20, YLZ22]. **Galerkin-Mixed** [GS23]. **Galerkin/Hermite** [BCF23]. **Game** [CSZ24, OS24]. **Games** [CL21, LJL<sup>+</sup>21]. **Gamma** [NRY22]. **Gamma-Convergent** [NRY22]. **Gauge** [LWZ23, MQ23]. **Gauge-Transformed** [LWZ23]. **Gauss** [FLM21, KSG23]. **Gaussian** [CHSV24, Gaw20, Huy22, NSD22, ND22, QS21, SAY25]. **General** [DC24, Gla20, GNÖ23, HHL24, Mai21, RS21b, ZEG20]. **Generalized**

- [CDP22, CAS23, GNS20, GK24, IG21, JK24, JLQ22, LZM<sup>+</sup>20, LWZ23, MSD22, MSS20].
- Generate** [MU22]. **Generation** [GH12, GHK25]. **Genetic** [CCW22]. **Genus** [DN21]. **Genus-0** [DN21]. **Geodesics** [ZN23]. **Geometric** [ABBV23, Dua25, LRK22, TS23, WZ23, WJS23]. **Geometries** [BPV20]. **Geothermal** [QWL22]. **Gevrey** [CL24]. **Gibbs** [CHKL22]. **Ginzburg** [DH24, GS23, MQ23]. **Glaciology** [dDFH23]. **Global** [BLV20, HP20, JZZ24, ZWT24a]. **Global-in-Time** [ZWT24a]. **Gordon** [BCF22, CS22a, MCL20]. **Grad** [EG23, WX20, SGT20]. **Graded** [KM20a, Mus20, ZW20b]. **Gradient** [BHYZ23, BC20, CWW24, CHH23, CLLZ24, CSW25, DRS24, DGLT24, DL20a, HP20, HK20, JLM22, JLQ22, LWY23, ILLL23, Par20, SZ20, ZEG20]. **Gradient-Dependent** [HK20]. **Gradients** [GZ21]. **Greedy** [SWH24]. **Green** [GvR24, KN20, NPT22]. **Grid** [XZ22]. **Grids** [AKNY20, BGHY22]. **Grönwall** [FLLT24]. **Gross** [CLLZ24, HP20]. **Guaranteed** [CP23].
- Halton** [OP24]. **Hamilton** [CFF20, CGZ25, FL21]. **Hamiltonian** [Ohs23, TS23, WLYZ25]. **Harmonic** [BPW23, GLW22, KOO23]. **Hasimoto** [BMS24]. **HDG** [CMZ21, FK22, LRK22, ZW24]. **Heat** [BDE23, GMMP24, GLW22, KM20b, YH25]. **Hellan** [AW20, Led21]. **Helmholtz** [Ben25, BDE21, CFV20, CAS23, DFFS22, DNT22, GS25, GSZ20, GH24, HM22, HS20, HL25, JLWZ22, LX23, MST20, ZW23, ZW24]. **Hermite** [AF21, BCF23, KSG23, SGT20]. **Hermite-based** [AF21]. **Herrmann** [AW20, Led21]. **Heterogeneous** [CFV20, CAS23]. **Heuristic** [KR20]. **Hidden** [ZW20a]. **Hidden-Memory** [ZW20a]. **High** [ALOS23, AXSZ22, AJ24, AH21, BL23, BDE21, BGG23, BDE23, CT21, CT25, CDW24, DE22, DHM23, DH24, DE20, EW21, FLM21, FdRS24, GvR24, Gaw20, Gla20, GGHS22, GMP22, GK24, HHL24, HS21, HK20, JLWZ22, KN23, Lab20, LET20, Li21, LWC23, LCS24, LRT25, LZCZ22, Mai21, PS21, RW24, SJ21, SC23b, Tra24, WZ20, YHLR22, ZZZ22a, ZW22]. **High-** [DH24]. **High-Accuracy** [YHLR22]. **High-Dimensional** [GK24, HHL24, HK20, PS21, RW24]. **High-Index** [LZCZ22, ZZZ22a]. **High-Order** [AH21, BL23, BDE21, BDE23, CT25, CDW24, DE22, DHM23, GvR24, Gaw20, GMP22, HS21, LET20, LWC23, Mai21, SJ21, SC23b, Tra24, CT21, DE20, FLM21, Li21, WZ20]. **Higher** [BOWZ25, CG24, DRV21, DE24, Zha23a]. **Higher-Order** [BOWZ25, CG24, Zha23a]. **Highly** [WZ23]. **Hilbert** [SWH24]. **Hilliard** [CSWY23, LMR23, QW20, CHSZ23, CHS21, Met21]. **Hiptmair** [Hu21, Hu23]. **Hodge** [WB21]. **Hölder** [HW22]. **Homogeneous** [HQY21]. **Homogenization** [BKR<sup>+</sup>24, FGP21, Spr24]. **Homogenized** [RSS24, Spr24]. **Homographic** [DH21]. **Hood** [GS21]. **Horizon** [HPBL21]. **hp** [AP22]. **hp-FEM** [AP22]. **Hurst** [ND22]. **Hybrid** [AHPV25, Ben25, BCT21, CT21, CT25, CFV20, DE22, ER20, GMP22, HL25, MS21, Tra24]. **Hybrid-Mixed** [AHPV25, CFV20]. **Hybridizable** [CHSZ23, DS20]. **Hybridized** [BDE21]. **Hydrodynamic** [LWS22, LWX20]. **Hydrodynamics** [CF25, MT20]. **Hyperbolic** [CDW24, DMM24, DN23, HX20, KHM24, LYL24, LLS21, SBL22, XSZ20]. **Hyperinterpolation** [bLWZ21]. **Hyperlens** [LYL24]. **Hypersingular** [WM23]. **Hypoocoercivity** [Geo21]. **Hypoocoercivity-compatible** [Geo21]. **Hysteresis** [PS20].

- Ideal** [WJS23]. **Identification** [JZ21a, ZZZ22b]. **ii** [Hu23, AP21b, BCKS21, CS22b, CS24, GL24b, JK22, KR23b]. **III** [AP22, KR23c]. **III-Posed** [GB20]. **IMEX** [GGHS22, HS21, HS24, LWS22, WYZ24]. **IMEX1** [PCQL21]. **IMEX1-LDG** [PCQL21]. **Immersed** [Guo21]. **Impedance** [GSZ20]. **Implementation** [AP22]. **Implicit** [BR20b, BGG23, CDP22, CCMP24, CRR24, GM24, GGHS22, Li20, LWZ20, LWC23, WTSZ24, YH25, YC21, ZEG20, ZWT24a, ZHT25, AK20a, LMS22]. **Implicit-Explicit** [WTSZ24, ZWT24a, LWZ20, AK20a]. **Implicitly** [FGOS20, SJ21]. **Importance** [HZW23]. **Imposed** [GLS20]. **Imposition** [BFS20]. **Improved** [BCF22, DHM23, WR21]. **Improves** [EPRX20]. **Improving** [HKYY21]. **Including** [GAJN23]. **Inclusions** [OS24]. **Incomplete** [BBC<sup>+</sup>24]. **Incompressible** [BHL24b, FGOS20, GAJN23, Han23, NR21, Rub20, SR20, Sun21]. **Incremental** [MS20]. **Indefinite** [CM21]. **Independent** [AB24, Huy22, MS20]. **Index** [LZCZ22, ND22, ZZZ22a]. **Induced** [GKMR22]. **Inequalities** [FLLT24, WYZ20b]. **Inequality** [dDFH23]. **Inexact** [XZ22]. **Inextensible** [Bar20]. **Inf** [Pra20, Gal21]. **inf-sup** [Gal21]. **Infinite** [AF21, CS23, JLM22, LM25b, SV24]. **Infinite-Dimensional** [JLM22]. **Influence** [AJ24]. **Information** [BBC<sup>+</sup>24]. **Informed** [DMM24]. **Inhibiting** [DGG20]. **Inhomogeneous** [JK24]. **Initial** [LM22a, NH20]. **Injection** [LRK22]. **Instationary** [GS22]. **Integral** [FKM22, FMMS23, GO20, HW22, KYB23, LC24a, LM22b, SST<sup>+</sup>20, SSX23, WM23, YHLR22, ZHT25]. **Integrality** [SM25]. **Integrals** [BHLZ24]. **Integration** [BMS24, CLW21, CLS23, GKS23, GSM24, GK24, IKM22, LTTF21, MO21]. **Integrator** [BLM21, BW24a, BW24b, DEL21, JLQ22, KLS20, LMS22, LWZ23, NWZ22]. **Integrators** [CS22a, DH22, Ohs23, RS21b, WZ23]. **Integro** [LZ23, ILLL23, OSV23]. **Integro-Differential** [LZ23, ILLL23, OSV23]. **Interacting** [JLL21, LWXZ22]. **Interaction** [ALOS23, DXY22, FK22]. **Interactions** [LSXY24]. **Interface** [CS22c, Guo21, SSZ23]. **Interface-Coupled** [CS22c]. **Interfaces** [ZW22]. **Interpolation** [AK20b, Bör22, BE24, DC24, GFSZ20, LCS24, LP25, SWH24, SS25]. **Interpolatory** [MG23, Pra20]. **Interval** [BE24]. **Intervals** [CS23]. **Invariants** [IKM22, Ohs23]. **Inverse** [ACL20, BLX20, CZZ22, GB20, GH24, Hel24, JLM22, LRT25, MZ24, ZWT24b]. **Inversion** [AHV22, BSWW22, CST20, LRT25]. **Involution** [EG23]. **Involution-Preserving** [EG23]. **Involving** [HX20]. **Irrational** [JLM<sup>+</sup>25]. **Irrational-Window-Filter** [JLM<sup>+</sup>25]. **Isogeometric** [BPV20, MST22]. **Isometric** [RSS22]. **Isoparametric** [LL22b]. **Itô** [GHLY23]. **Iterated** [Bör22]. **Iteration** [BN23]. **Iterations** [AHW23, BCJQ24]. **Iterative** [LX23, MPV20]. **Jacobi** [CFF20, CGZ25, FL21, LWX24]. **Johnson** [AW20, Led21]. **Johnson-like** [Led21]. **Joseph** [SSZ23]. **Jump** [BCT21, Hu21, Hu23]. **Jump-Diffusion** [BCT21]. **Kacanov** [BDS23]. **Kalman** [AHV22, BSWW22, CHSV24, CST20, LRT25]. **Kármán** [CN21]. **Kawasaki** [JZ21b, CF25]. **KdV** [LWZ23, WTSZ24]. **Keller** [SX20b]. **Kernel** [CCL23, GB20, LTTF21, LCS24, MZ24, SWH24]. **Kernel-Based** [CCL23]. **Kernels** [BG20]. **Kind** [LM22b, WYZ20b].

**Kinetic** [BS22, LPW24, SGT20]. **Klein** [MCL20, BCF22, CS22a]. **Kolmogorov** [Geo21]. **Korobov** [KN23]. **Korteweg** [CDP22]. **KPP** [LWXZ22]. **Krasnosel'skii** [BN23]. **Krylov** [AKM23, BCKS21]. **Kutta** [AXSZ22, BKSS24, GGHS22, LL24, OSV23, RK20, SZ20, SWW22, XSZ20, ZWT24a].

**L2** [MG23, QW23]. **L2-Optimal** [MG23]. **L2-Type** [QW23]. **Lacking** [Pra20]. **Lagrange** [BHL24b, CSZ24, CS22b, CS24, CSW25, DLZ20, KLMZ21, LWX20]. **Lagrangian** [CFF20, HX20, LMSS20, LMN23, MT20]. **Lanczos** [PM24]. **Landau** [AGS21, BCJQ24, DH24, GS23, MQ23]. **Landscapes** [DJK24]. **Langevin** [LPW24]. **Laplace** [BHL21, BG20]. **Laplacian** [ADS23, BDS23, BFOQ24, BLN21, CP23, CDCVV21, FKM22, FMMS23, HW22, HMO22, SST<sup>+</sup>20, SSX23]. **Large** [BDS23, BM22, CCHHK20, CHJS21, HS20, RSS22, ZW24]. **Large-Scale** [BM22, RSS22]. **Lattice** [GvR24, LYC23]. **Lavrentiev** [BGJ22]. **Law** [PS20]. **Laws** [AXSZ22, BR20a, CDW24, DMM24, FR21, FMR22, LZM<sup>+</sup>20, LLS21, SWW22]. **Lax** [LZM<sup>+</sup>20]. **Layer** [JLWZ22, LZZ25]. **Layered** [HN21, ZWC20]. **Layers** [BK21, ZSH20, Zha22, Zha23a, ZRZ23]. **LBB** [Sto20]. **LDG** [PCQL21]. **Leap** [JLY21]. **Leap-Frog** [JLY21]. **Leapfrog** [CHS20, CH22a, HLS23,ZN23]. **Leapfrog-Chebyshev** [CHS20]. **Leapfrog-Type** [CH22a]. **Learning** [BHYZ23, BKR<sup>+</sup>24, CL21, DGYZ22, GHLY23, GB20, HHL24, Hel24, MZ24, MR21, ZWT24b]. **Least** [AHP24, CCL23, DC24, GS22, Hel24, HS20, LY20, QZ20, Sto20]. **Least-Squares** [CCL23, DC24, QZ20, Sto20]. **Leffler** [KLS20]. **Legendre** [CBM25]. **LES-C** [ALOS23]. **Level** [DL20b, HL25, LX23, LWX24, FA20].

**Level-Sets** [DL20b]. **Lifshitz** [AGS21]. **Lifting** [PS24]. **Liftings** [AP20]. **Like** [LZZ25, Led21, RS21a, SST<sup>+</sup>20]. **Limit** [AF21, AHV22, BSWW22, CS22a, DEL21, DXY22]. **Limited** [MST22]. **Line** [GKN21, ZDMZ20]. **Linear** [AB24, AFB<sup>+</sup>21, ASP25, BIP22, BDN25, CT25, CHJS21, CGZ25, DHS24, DEL21, DGYZ22, FHW21, FK22, GM22, Hel24, IKM22, KD21, LMSS20, LYC23, LP25, MvdZ20, Ni21, SGT20, Sch23, SWW22, XSZ20, YLZ22, ZQ23, ZWT24b]. **Linearized** [HLM22, KN20, LWX20, WTSZ24, dVDV24]. **Linearizing** [LUZ20]. **Linearly** [EPRX20, Huy22, Li20, YC21]. **Lines** [LMN23]. **Lipschitz** [AY20, HW22]. **Liquid** [BNY23, GWY22, NRY22]. **Local** [BLV20, BLN21, CFV23, DXY22, FKM22, GSZ20, JK22, KR23a, KR23b, KR23c, KV22, LZM<sup>+</sup>20, MS20, MRV23, WTSZ24, ZWC20, ZDMZ20]. **Localization** [NT21a, Wan23]. **Localized** [GM24, MS21]. **Locally** [MSD22, YHLR22]. **Locking** [CT25, YLZ22]. **Locking-Free** [CT25, YLZ22]. **Log** [CS23, NT21b]. **Logarithmic** [Xia21]. **Logarithmic** [KK24, WYZ24]. **Lognormal** [GK24]. **Long** [BCF22, Geo21, LWZ20, WS23, YH25]. **Long-Time** [BCF22, WS23, Geo21, LWZ20]. **Loosely** [LSXY24]. **Lossy** [MST20]. **Low** [BW24a, BW24b, BCKS21, CS22a, DEL21, EHK24, JORS24, LMS22, MR21, NWZ22, RS21b]. **Low-Discrepancy** [MR21]. **Low-Rank** [BCKS21, DEL21, EHK24]. **Low-Regularity** [LMS22, NWZ22]. **Lower** [AH21, CZZ20, CP23, CHH23, GO23, Kop20]. **Lower-Order** [CHH23]. **Lower-Triangular** [AH21]. **Lowest** [Sun21]. **Lowest-Order** [Sun21]. **lumped** [DE20]. **Lumping** [ER21]. **Lyapunov** [SZ21a].

**MAC** [LS20a]. **Machine** [BHYZ23, CL21, MZ24]. **Magnetic** [BCY21, LS22, WZ21]. **Magneto**

- [LWX20, LWS22].
- Magneto-Hydrodynamic** [LWS22, LWX20].
- Magnetohydrodynamics** [BD23, dVDV24].
- Magnetostatic** [GGPS21]. **Main** [Hu23].
- Manifolds** [CL20, CCMP24, TS23]. **Mann** [BN23]. **Mapped** [SST<sup>+</sup>20]. **Maps** [BMS24, BPW23, GLW22, WR21, Zha23b].
- Marching** [MMD24, WTSZ24]. **Marini** [AK20b]. **Markov** [BCT21]. **Maruyama** [BJ22]. **Mass** [AP21a, AP21b, AP22, AH21, CCW22, DE20, ER21, FLM21, GLS20, TC24]. **Mass** [FLM21]. **Mass-lumped** [DE20]. **Matched** [BK21, JLWZ22, LZZ25, Zha22, Zha23a].
- Matching** [ZL21]. **Material** [CDCVV21].
- Matérn** [BGNS20]. **Matrix** [AH21, BCKS21, GHM21, GLS23].
- Maximal** [AM22, KK24]. **Maximization** [CDCVV21]. **Maximum** [HG22, ILTZ20, MQ23].
- Maximum-Principle** [ILTZ20]. **Maxwell** [ACZ24, AJH23, CFV22, CFV24, Che21, DS20, ER21, EG25, GO23, GSW21, HY22, Hu21, HLTW21, LX23, MCL20]. **McKean** [HHL24]. **Mean** [BL23, CSZ24, CL21, CHSV24, DN21, HO20, HO24, Li21, LJL<sup>+</sup>21, OS24]. **Mean-Field** [CHSV24]. **Means** [LLMR23]. **Measurable** [BJ22]. **Measure** [Col23, LM25b, PSS22].
- Measure-Based** [LM25b].
- Measure-Preserving** [Col23]. **Mechanics** [LM25a]. **Media** [DL20a, FA20, Sun21, ZWC20]. **Median** [GSM24]. **Medium** [ACL20, FM21]. **Meets** [DGLT24]. **Member** [Lab20]. **Membrane** [BNY23]. **Memory** [ZW20a]. **Mesh** [ACL20, CAGD22, Dua25, GH12, GHK25].
- Mesh-Preserving** [Dua25]. **Meshes** [CDG23, CJZ22, CKP23, CGP24, ER20, FLLT24, Guo21, Kam21, KM20a, Mus20, QW23, YZ20, ZW20b]. **Meshfree** [HW21, LTTF21]. **Meshless** [CL20].
- Metamaterials** [LYL24]. **Method** [AB24, AXSZ22, ALW21, ACYZ21, AKNY20, ACZ24, ADS23, ABBV23, ABCS24, AW20, BL23, BHL24a, BLY21, BZ21, BJL23, BHLZ24, BL25, BGJ22, Ben25, BPP20, BDL20, BDE24, BFS20, BDE21, BDE23, BHL24b, CGO20, CK20, CHKL22, CLL24, CJZ22, CCW22, CZZ20, CT21, CT25, CFV20, CDP22, CCL23, CHH23, CHSZ23, CAS23, CLR23, DHS24, DN24, DFFS22, DHM23, DSS24, DL20a, DL20b, DWW22, ER21, EH22, FA20, FL21, FLH23, FA22, FGP21, FDvW21, FMR22, FHN23, GANT20, GM22, GMP22, GO20, HZ20, HW21, HX20, HN21, HS20, HQY21, HL25, JKVY23, JLY21, JLWZ22, JSZ23, JLM<sup>+</sup>25, JLL21, KVM22, KK24, LL22a, LR20, Led21, Li20, LWX20, LY20, LUZ20, Li21, LAZ22, LLMR23, LX23, LWX24, ILL23, LYL24, LL22b, LLS21, LZZ25, LMN23, LWXZ22, MZZ22, MU22, MRV23, Pap22, PCQL21].
- Method** [QS21, QW23, RZZ24, RS21a, SC23a, SSX23, Sto20, TC24, WW20, WK23, WYZ20a, WLF23, WM23, YZ20, YLZ22, ZW22, Zha23b, ZCPZ21, ZQ23, ZL21, ZW24].
- Method-of-Lines** [LMN23]. **Methods** [AM22, AY20, AB20, AH21, AHPV25, ASP25, Avi23, BGNS20, BCY21, BCF22, BCKS21, BCF23, BM22, BKSS24, BGHY22, BFS23, BDN25, BBHT24, BS22, BPV20, BGG23, CDG23, CH22a, CWW24, CM21, CL20, CHJS21, CMZ21, CHW24, CGZ25, CF25, DNT22, DE22, DS20, DGYZ22, ER20, EPRX20, FLM21, FR21, FdRS24, GL24a, GL24b, GAJN25, Geo21, GPHHA20, GGHS22, GB20, GLW22, HLS23, Hal21, HG22, HJHUT20, JLZ24, KD21, KK20, KR23d, LET20, LZM<sup>+</sup>20, LWZ20, LM22b, LIL22, LZ23, LWC23, LL24, LJL<sup>+</sup>21, LS24, LRK22, LMN23, MCL20, MSD22, MKR24, Mu20, MvdZ20, NRY22, NR21, OSV23, PR22, Par20, PS21, QW20, QZ20, RK20, Sch23, SZ20, SST<sup>+</sup>20, SWW22, Tra24, WL23, WTSZ24, WX20, WB21, XSZ20,

- XZ22, YDS21, ZWT24b, AK20a]. **Metric** [CAGD22]. **MHD** [LS22, WJS23]. **Mindlin** [FHN23, GS21]. **Minimal** [BPV20, DC24]. **Minimization** [CT21, GKMR22, MS20, MvdZ20, MRV23, TWZZ23, Tra24]. **Minimizations** [CFV23]. **Minimizers** [DJK24, DH24]. **Minimizing** [BCJQ24]. **Minimum** [TWZZ23]. **Minimum-Surface** [TWZZ23]. **MINRES** [FHK22]. **Miscible** [Sun21]. **Misspecification** [SAY25]. **Mittag** [KLS20]. **Mittag-Leffler** [KLS20]. **Mixed** [AP21a, AP21b, AP22, AKNY20, ACZ24, AHPV25, BGHY22, BFS23, BDN25, CM21, CFV20, CHH23, ER20, FA20, GS23, GKN21, GLS20, JKVY23, KYB23, KLMZ21, MvdZ20, MRV23, SSZ23, Sun21, WB21, ZQ23]. **Mixed-Dimensional** [KLMZ21]. **mKdV** [NWZ22]. **Mobility** [CWW24]. **Mode** [Wor25]. **Model** [BNY23, BCT21, BG20, CHH23, CDD<sup>+</sup>20, DIL<sup>+</sup>20, DHS24, FA20, FK22, GV20, GGC23, HD24, JLY21, LZ23, NRY22, Pra20, RS21a, RSS24, SSZ23, ZSH20, ZRZ23, vWR23]. **Modeling** [ALOS23, GHM21, MG23]. **Models** [AFB<sup>+</sup>21, BG20, DXY22, GHM21, KS20, Lab20, LLLL23, MU22, SC23b, WLP21, XLZZ24]. **Modified** [ACW21, GSW21, ZWT24b]. **Molecular** [FV23]. **Moment** [CLL24, PR22]. **Moment-Preserving** [CLL24]. **Moments** [KYB23]. **Monge** [BBHT24]. **Monolithic** [FK22]. **Monomial** [SS25]. **Monotone** [BR20a, EG22, HW22, MvdZ20]. **Monte** [TS23, CG24, CF25, FA22, GKS23, GSM24, HAST22, HZW23, KVM22, LWY23, SSX23]. **Morley** [CN21, CKP23]. **Mortar** [BGHY22, JKVY23]. **Motion** [BHL24a, EG22, FLO20, LMSS20]. **Moving** [Guo21, SJ21, vWR23]. **mpEDMD** [Col23]. **Multidegree** [HHM<sup>+</sup>20]. **MultiDerivative** [GGHS22]. **Multidimensional** [MK24, MK20]. **Multigrid** [ABBV23, LRK22]. **Multilevel** [CF25, GHM20, HAST22, HK20, MPV20]. **Multiple** [LL24, LWX24, SSX23]. **Multiplicity** [DE24]. **Multiplier** [BHL24b, CS22b, CS24, CSW25]. **Multipliers** [KLMZ21]. **Multipoint** [AKNY20, BFS23, ER20]. **Multipole** [FDvW21, ZWC20]. **Multirate** [CH22a, CS22c]. **Multiscale** [AHPV25, CFV20, CAS23, DHM23, JKVY23, MS21, Mai21, QS21]. **Multistage** [MMD24]. **Multistep** [DGYZ22, KD21, ZWT24b]. **Multivariate** [LL22a, PU22]. **Naghdi** [KN20, NPT22]. **Narrow** [FL21]. **Narrow-stencil** [FL21]. **Natural** [WLF23]. **Navier** [CSWY23, LMR23, FLH23, GANT20, Han23, HS21, HS23, JK24, KR23a, KR23b, KR23c, KS20, LS20a, LMS22, PS22, SR20]. **Near** [CHSV24, WZ23]. **Near-Gaussian** [CHSV24]. **Nearly** [BHLZ24]. **Nédélec** [GGPS21]. **Neighborhoods** [DXY22]. **Nematic** [NRY22]. **Nernst** [TC24]. **Network** [DJK24]. **Networks** [AN21, AY20, ABCS24, BNY23, CFF20, CLW21, CLS23, DMM24, FGK23, FMR22, HPBL21, MS23]. **Neumann** [GL24a, GL24b, Zha23b]. **Neural** [ABCS24, Avi23, DMM24, DJK24, HPBL21, LLZZ22]. **Newton** [MU22, SC23a, TWZZ23]. **Nicolson** [AGS21, JLY21, SR20]. **Nitsche** [LM25a]. **Nodal** [AJ24, BPW23]. **Noise** [BJ22, CHS21, KLS20, LP25, NSD22, ND22]. **Noisy** [DSY21, bLWZ21]. **Non** [AY20, CM21, GS23, LWZ20, YWB24]. **Non-Lipschitz** [AY20]. **Non-Self-Adjoint** [YWB24, CM21, LWZ20]. **Non-Uniform** [GS23]. **Nonautonomous** [RK20]. **Noncoercive** [AKM23]. **Nonconforming** [BDE23, CKP23, WHL21, ZW22]. **Nonconservative** [KHM24]. **Nonconvex** [LWX20]. **Nondivergence** [QZ20, Spr24]. **Nondivergence-Form** [Spr24]. **Nonhomogeneous** [ASP25]. **Nonintrusive**

[Ni21]. **Nonlinear** [AFB<sup>+</sup>21, AXSZ22, BCY21, BCF22, BW24a, BW24b, BM22, CCHHK20, CW24, CCMP24, DRV21, DE20, EH22, FLM21, FR21, JORS24, JLWZ22, KV22, LZM<sup>+</sup>20, LUZ20, LM22a, LL24, ILLL23, MvdZ20, MMD24, RK20, RZZ24, Sch23, WL23, WS23, Zou23]. **Nonlinearities** [HK20]. **Nonlinearity** [BCF22, BW24a, BW24b, CGN24]. **Nonlocal** [BG20, DXY22, FR21, HD24, KVM22, KV22, LTTF21, LJL<sup>+</sup>21, YZDCNC23, ZDMZ20]. **NonMatching** [BGHY22]. **Nonmonotone** [GMP22]. **Nonoverlapping** [EH22, YDS21]. **Nonregular** [BDG23]. **Nonrelativistic** [BCY21, CS22a]. **NonReversible** [SZ21b]. **Nonseparable** [Ohs23]. **Nonsmooth** [BC20, BC22, LWX20, LM22a, DGL20, LM22b]. **Nonuniform** [FLLT24, QW23]. **Norm** [CMZ21, GPHHA20, HG22, PU22, QW23]. **Normal** [BBH22]. **Normalization** [WR21]. **Note** [PU22]. **Novel** [ACZ24, HS20, LZ23, MSD22]. **Number** [BGG23, GH24, JLWZ22, Lab20, NH20, ZW24]. **Numbers** [ALOS23, HS20]. **Numerical** [AHW23, ABCS24, ADBP22, BMS24, Bar20, BCT21, CLLY25, CL21, CDCVV21, CLR23, CCMP24, DDO20, DK23, FGOS20, FGP21, FR21, GP22, GWY22, GK24, HY22, HN21, HD24, JLZ24, KHM24, LL22a, LZM<sup>+</sup>20, LS22, LM22b, LYC23, MO21, OS24, Pap22, PS22, Rub20, SV24, SW23, WL23, WS23, YH25, ZRZ23, ZW20a, ZW20b, ZL21]. **Nystrom** [FA22]. **Observable** [FV23]. **Observation** [MST22, ZZZ22b]. **Obstacle** [HY22]. **ODEs** [AB24, CH22a]. **One** [DFFS22, GPHHA20]. **One-Equation** [DFFS22]. **One-Stage** [GPHHA20]. **Operator** [AKM23, CGR20, EW21, HJHUT20, KV22, LC24a, LWWW22, MS23, RZZ24].

## Operators

[BKR<sup>+</sup>24, EG23, FP20, FH24, GNS20, GNÖ23, Kar21, KD25, LR20, LWZ20, LWX24, LRK22, WD24, WM23, ZHT25]. **Optimal** [AP21b, ACL20, AGS21, BW24b, BPW23, BHZ23, BFOQ24, BDG23, CC23, CSWY23, CCW22, CN21, CM21, CP23, CLR23, CDD<sup>+</sup>20, CDW24, DH21, FLO20, GL24a, GL24b, GS23, GO21, HZ20, HG22, HJHUT20, KRS<sup>+</sup>21, LSTY21, LSXY24, LS24, MSD22, MU22, MST22, MG23, MSS20, Otá22, ST22, WS23, WSH20, XLZZ24, ZW20b]. **Optimal-Order** [MSS20, ZW20b]. **Optimality** [CSSS23, GFSZ20, KSG23, Otá22, SWH24]. **Optimization** [CAGD22, DJK24, GZ21, GLS23, HW21, LWY23, LYC23, LM25b, Pap22, Par20, SM25, SZ21a]. **Optimized** [BJMO22, DH21, DNT22]. **Options** [DLZ20]. **Order** [AF21, AB24, AXSZ22, AJ24, ARSY20, AK20b, AH21, ASP25, BL23, BKSS24, BOWZ25, BG20, BDE21, BDE23, CH22a, CSZ24, CM21, CGN24, CT25, CHH23, CG24, CDW24, DIL<sup>+</sup>20, DRV21, DE22, DHM23, IDzSW22, DWW22, ER20, ER21, EW21, EG23, EG25, EG22, FR21, FdRS24, FHK22, GvR24, GS22, GAJN23, Gaw20, GNS20, Gla20, GGHS22, GMP22, HKYY21, Han23, HS21, HS23, KS20, KLS20, KD25, LET20, LUZ20, LWC23, ILTZ20, ILLL23, LJL<sup>+</sup>21, MZZ22, Mai21, MNO21, MG23, MSS20, Mus20, NSD22, OS24, Pra20, QZ20, SJ21, SC23b, SR20, Sun21, Tra24, WK23, WYZ24, XSZ20, ZW22, Zha23a, ZWT24a, ZW20a, ZW20b, ZDMZ20, ALW21, CT21, DE20, FLM21, Li21, WZ20]. **Oriented** [VL23]. **Orthogonal** [CS23, GO20, KRS<sup>+</sup>21, LS20b, NR21, Wor25, Xia21]. **Orthogonalization** [CCW21]. **Oscillation** [LLS21]. **Oscillation-free** [LLS21]. **Oscillator** [CHJS21]. **Oscillatory** [AB24, WZ23]. **Oseen** [ABB<sup>+</sup>21, BGG23, KK20]. **Outer** [BBH22].

**Oversampling** [DC24].

**P** [CCMP24]. **P-** [CCMP24]. **Padé** [PM24].  
**Parabolic** [BR20b, BW20, BJMO22, DRV21, GL24a, GL24b, GO21, GPHHA20, Guo21, HS24, HK20, JKVY23, JZ21a, KM20a, Kop20, LSTY21, LWZ20, LUZ20, LAZ22, LWC23, LP25, MO25, vWR23].  
**Parameter** [BIP22, KR20, MO25].  
**Parameter-Errors** [BIP22].  
**Parameterized** [WLYZ25]. **Parametric** [BZ21, BJL23, BL25, CL24, Dua25, GHM20, JSZ23, Li20, LLZZ22, Pra20].  
**Parametrized** [BG20, RSS22]. **Parareal** [BW20, BJMO22, GW20]. **Part** [AP21a, AP21b, AP22, KR23a, KR23b, KR23c].  
**Partial** [EEST22, GHM20, LL22a, MS23, OS24].  
**Particle** [FGK23, HLS23, LWXZ22, WZ21].  
**Particles** [JLL21]. **Parts** [EW21, GNÖ23, RN20, WD24]. **Patch** [LY20]. **PDE** [GO21, GZ21, HW21, LS20b, NT21b, vWR23]. **PDE-Constrained** [HW21, GZ21]. **PDEs** [BBC<sup>+</sup>24, BW20, CM21, CL20, FHK22, KLMZ21, LL22b, SST<sup>+</sup>20]. **Penalization** [CDP22]. **Penalty** [BC20, DN24].  
**Penalty-Free** [DN24]. **Perfectly** [BK21, JLWZ22, LZZ25, Zha22, Zha23a].  
**Perform** [SJ21]. **Peridynamics** [CCMP24].  
**Perimeter** [JSZ23].  
**Perimeter-Decreasing** [JSZ23]. **Periodic** [AB20, BLX20, HN21, HS21, KKS20, PS21, ST22, YHLR22, Zha22]. **Periodization** [BGNS20]. **Periodization-Based** [BGNS20].  
**Perturbed** [CK20, KR23d].  
**Pettersson** [Pap22]. **Petrov** [BS22, CJZ22, FHN23, MvdZ20, MMD24].  
**Phase** [CGO20, CDCVV21, GKMR22, Kar21, MO21, ZWT24a]. **Phase-Field** [Kar21]. **Phenomenon** [FM21]. **Physics** [DMM24]. **Picard** [HK20]. **Piecewise** [LP25, WHL21]. **Pitaevskii** [CLLZ24, HP20]. **Pixel** [BH21].

**Pixel-Driven** [BH21]. **Planar** [BL25, NT21b, SJ21]. **Planck** [BS22, LLZZ22, TC24, WW20]. **Plane** [DN23, IG21]. **Plate** [GS21, RSS24]. **Plates** [FHN23]. **PML** [LZ23, WYZ20a, YHLR22].  
**POD** [GAJN23, GAJN25, KS20, MU22, Rub20].  
**POD-ROM** [GAJN25, Rub20].  
**POD-ROMs** [GAJN23]. **Point** [BC22, BN23, EPRX20, GVMRBV23].  
**Points** [AXSZ22, DH20, DNT22, JZZ24, OP24].  
**Pointwise** [BLV20, DRS24, HW22, Han23, KRS<sup>+</sup>21, KR23d, KM20b, Sch23]. **Poisson** [BCF23, CGP24, CMZ21, DDO20, GKN21, LY20, PSS22, TC24]. **Pollution** [ZRZ23].  
**Polygonal** [CDG23, CKP23, GHM20].  
**Polygons** [FMMS23]. **Polyhedra** [BLV20].  
**Polyhedral** [CDG23]. **Polymer** [BNY23].  
**Polynomial** [AP20, BE24, FLO20, GGPS21, NT21a, PS24, SS25, Wor25].  
**Polynomial-Degree-Robust** [GGPS21].  
**Polynomials** [DH20, GO20]. **Polytopal** [LM25a, YZ20]. **Population** [JZ21b].  
**Poroelasticity** [BFS23, GVMRBV23].  
**Porous** [DL20a, FA20, FM21, Sun21, ZSH20, ZRZ23].  
**Posed** [GS22, GB20]. **Posedness** [FMR22, ZSH20]. **Positive** [CLL24, GPR20, IKM22, WJS23].  
**Positivity** [FHW21, HLTW21, Kar21, TC24].  
**Positivity-Preserving** [FHW21, HLTW21].  
**Posteriori** [BW22, BBH22, BCG<sup>+</sup>24, CDG23, CGN24, CFV22, CFV23, CFV24, CGP20, DRV21, DMS21, Gal21, GGPS21, KK20, KR23d, KM20b, WL20, YWB24, dVCN<sup>+</sup>23].  
**Potential** [BCY21, BW24a, BW24b, ZZZ22b].  
**Preasymptotic** [GS25]. **Preconditioned** [LC24a, LX23, LWX24]. **Preconditioner** [Hu21, Hu23, ST22, TWZZ23].  
**Preconditioners** [AJ24, AKM23].

**Preconditioning**[AP22, HJHUT20, MST22]. **Preintegration**[GKS23, LO23]. **Prescribed** [BHL24a].**Presence** [CRR24, KD25]. **Preservation**[Ohs23]. **Preserving**

[BZ21, BPS22, CLL24, CW24, CHJS21, CS22b, CS24, Col23, CDW24, DHS24, Dua25, EHK24, EG23, FHW21, GV20, GGHS22, GPR20, HLTW21, IKM22, JSZ23, JZ21b, ILTZ20, LWXZ20, MQ23, PR22, SX20b, TC24, WL23, WD24, WB21].

**Pressure**[ABB<sup>+</sup>21, KR23c, KS20, LR20, SR20].**Pressure-Robust** [ABB<sup>+</sup>21, LR20].**Primal** [Ben25, CW24, WW20].**Primal-Dual** [WW20]. **Principle**[GH12, GHK25, ILTZ20, MQ23]. **Principles**[CHJS21]. **Priori** [AHPV25, CP23, CGP24, FGP21, MO25, MS20]. **Probabilistic** [YZZ20, YZDCNC23]. **Probabilities** [HAST22, WLP21]. **Problem**[AP24, BLY21, BLV20, BGJ22, BHZ23, BDE23, CGO20, CK20, CFV23, CMZ21, CLL24, CGP20, CRR24, DH21, DN24, DMS21, DE22, DDO20, GKN21, HP20, HW21, KM20a, LR20, LZZ25, Pap22, SC23a, Spr24, WL20, WHL21, vWR23]. **Problems** [ALOS23, ACL20, AHW23, ACZ24, ASP25, AJH23, BIP22, BC22, BCG<sup>+</sup>24, BJMO22, CC23, CT21, CGN24, CZZ22, CL24, CAS23, CLR23, CS22c, DH21, DFFS22, DRV21, DHM23, GW20, GL24a, GL24b, GGPS21, GPHHA20, GB20, GMP22, Guo21, GH24, Hal21, Hal22, HMO22, Hel24, HL23, HY22, HT20, Hu23, HPBL21, JLM22, JZ21a, KVM22, LSTY21, LX23, LRT25, MS21, Mai21, MO25, MU22, MST20, MZ24, Mu20, MvdZ20, MMD24, NH20, Pra20, RK20, SWW22, TWZZ23, Tra24, WL23, WYZ20a, WX20, WLF23, YWB24, Zha22, Zha23a, ZCPZ21]. **Procedure** [BPV20]. **Process** [PSS22, SAY25]. **Processes** [BJ22, KYB23]. **Progressive** [ARSY20]. **Projection** [AGS21, Avi23, DST21, DRS24, JLM<sup>+</sup>25,

NRY22, Rub20, TC24, Xia21].

**Projection-Based** [Rub20].**Projection-Free** [NRY22]. **Proof**[EPRX20, HQY21]. **Propagation**[GW20, JK22]. **Proper**[KRS<sup>+</sup>21, LS20b, NR21]. **Properties**[GFSZ20, GGHS22, HHM<sup>+</sup>20]. **Property**[CSSS23, PCQL21, dVCN<sup>+</sup>23]. **Provably**[WJS23]. **Proximal** [BC20]. **Pseudo**[AH21]. **Pseudo-Mass** [AH21].**Pseudoinverse** [EW21]. **Pseudospectral** [SV24].**Quadratic** [BIP22, CGN24, Ohs23].**Quadratically** [EPRX20]. **Quadrature**[Gla20, GHM20, Huy22, KSG23, LM22a, SJ21, SC23b, WM23]. **Quantification**[DE24, KKS20]. **Quantum** [FV23].**Quantum-Classical** [FV23]. **Quasi**

[BPW23, GFSZ20, GKS23, GSM24, HZW23, IG21, KM20a, LYC23, ST22].

**Quasi-Graded** [KM20a].**Quasi-Interpolation** [GFSZ20].**Quasi-Linear** [LYC23]. **Quasi-Monte**[GKS23, GSM24, HZW23]. **Quasi-Optimal** [BPW23, ST22]. **Quasi-Trefftz** [IG21].**Quasilinear** [DH22, GMP22].**Quasilinearization** [WJS23].**Quasiperiodic** [JZZ24, JLZ24, JLM<sup>+</sup>25].**Quotients** [KRS<sup>+</sup>21].**Radial** [AHP24, Hal21, Hal22, HO24].**Radiation** [GPR20]. **Radiative**[GP22, GV20, LWY23]. **Radon** [BH21].**Random** [BLX20, CCW22, JLL21, KKS20, LWXZ20, PSS22, SX20a, SSZ23].**Randomized** [DC24, HZW23]. **Rank**

[BCKS21, CLS23, DEL21, EHK24, GLS23].

**Rank-1** [GLS23]. **Rank-Adaptive** [CLS23].**Rapidly** [MO21]. **Rare** [WLP21]. **Rate**

[AY20, BN23, BO20, BCT21, BDG23, EPRX20, HZW23, MS20, WS23].

**Rate-Independent** [MS20]. **Rates**

[BR20a, CN21, CM21, CP23, GB20, KR23b,

KR23c, LPW24, WSH20, Xia21]. **Rational** [ASP25, BCKS21, HHT23, Pra20]. **Reaction** [AHW23, AY20, CK20, FGK23, HZ20, KR23d, LWWW22, MST22, Mus20]. **Real** [ZDMZ20]. **Reciprocal** [NT21b]. **Reciprocal-Log** [NT21b]. **Reconstructed** [LY20]. **Reconstruction** [BdBEO21, CFV23, LR20]. **Recover** [JZZ24]. **Recovery** [CGZ25, KS20, PU22]. **Rectangular** [CJZ22]. **Rectifier** [AN21]. **Reduced** [AFB<sup>+</sup>21, CDD<sup>+</sup>20, DIL<sup>+</sup>20, KS20, MG23]. **Reduced-Order** [KS20, MG23]. **Reducing** [ALOS23]. **Reduction** [AHW23, ASP25, BG20, Pra20]. **Regge** [Gaw20]. **Regime** [BCY21, CS22a, DH24]. **Regression** [BC20, SAY25]. **Regular** [Hu21]. **Regularities** [Xia21]. **Regularity** [AM22, BW24a, BW24b, CS22a, CL24, HW22, HZ20, JORS24, Kam21, KK24, LMS22, NWZ22, RS21b]. **Regularization** [CST20, GFSZ20, GB20, KR20, LSTY21, WSH20]. **Regularized** [CZZ22, FGK23, HL23]. **Reissner** [FHN23, GS21]. **Relation** [WD24]. **Relativistic** [HLS23]. **Relaxation** [BJMO22, LL24, Zou23]. **Relaxed** [BDS23]. **ReLU** [DJK24]. **Remap** [VL23]. **Renormalized** [GLW22]. **Reproducing** [LTTF21, SWH24]. **Residual** [BM22, DJK24, DMS21, MvdZ20, MRV23]. **Residual-Based** [DMS21]. **Resolution** [HHT23]. **Resonance** [Hal21, Hal22]. **Resonances** [ZL21]. **Response** [Ni21]. **Results** [CS23, Hu23, KV22]. **Retarded** [AB20]. **Revisitation** [EW21]. **Revisited** [PM24]. **Reynolds** [ALOS23, BGG23, Lab20]. **Ribbons** [Bar20]. **Ridge** [HO20]. **Rigorous** [HN21, PCQL21]. **Ritz** [DRS24]. **RKHS** [KN23]. **Robin** [DH21, EH22]. **Robust** [ABB<sup>+</sup>21, AFB<sup>+</sup>21, AKM23, CFV23, CHH23, FH24, GGPS21, KK20, LR20, MST22, MPV20, Mu20, dVDV24]. **ROM** [GAJN25, MO25, Rub20]. **ROMs** [GAJN23]. **Rotating** [ALW21, MO21]. **Rotation** [BFS23]. **Rotation-Based** [BFS23]. **Rough** [DK23, LLMR23, LWZ23]. **Rounding** [MK20, MK24]. **Rule** [BHLZ24, KSG23]. **Rules** [ACW21, Gla20, Huy22, KR20]. **Runge** [AXSZ22, BKSS24, GGHS22, LL24, OSV23, RK20, SZ20, SWW22, XSZ20, ZWT24a]. **Saddle** [GVMRBV23, LZCZ22, ZZZ22a]. **Saddle-Point** [GVMRBV23]. **Sample** [ABCS24]. **Sample-Wise** [ABCS24]. **Sampling** [BGNS20, HZW23, PU22, SZ21b]. **Satisfying** [FdRS24]. **SAV** [FLM21, JLQ22, LS20a, LWS22]. **SAV-Exponential** [JLQ22]. **Scalar** [AXSZ22, CLR23, Hal21, Hal22, IG21, LZM<sup>+</sup>20, LLS21, PS20]. **Scale** [BM22, RSS22, RSS24, WZ23]. **Scaling** [Hal21, Hal22]. **Scattered** [Gla20, LCS24]. **Scattering** [ACL20, BLX20, BLY21, LC24a, LZZ25, MZ24, WYZ20a, YHLR22, Zha22, Zha23a]. **Scheme** [AP22, ADBP22, BDS23, BJ22, BD23, CG20, CFF20, CSZ24, CSW25, DN21, EG22, FV23, FK22, GV20, GWY22, GGC23, HKYY21, Han23, HS23, HLTW21, JZ21b, LM25a, LS20a, LSXY24, ILTZ20, LWWW22, LMR23, MQ23, MT20, Met21, MMD24, NSD22, WYZ24, YZZ20, YZDCNC23, YC21, ZWT24a, Zou23]. **Schemes** [AF21, AFB<sup>+</sup>21, ACM24, AGS21, ABBV23, BR20a, BCT21, CSWY23, CCHHK20, CHS20, CS22b, CS24, CCMP24, CDW24, DGG20, DE20, lDzSW22, FKP25, HS21, HD24, HS24, IKM22, JLQ22, KHM24, LWS22, LWXZ20, MS20, PS22, SBL22, SZ21b, SX20b, WZ20, WZ21, WZZ22, WJS23, YH25, ZEG20]. **Schrödinger** [BMS24, BW24a, BW24b, FLM21, GM22, JORS24, JLM<sup>+</sup>25, LAZ22, LL24, RZZ24, ST22, WYZ24, Zou23]. **Schur** [SC23a]. **Schwarz** [BJMO22, DH21, HL25, Par20, RS21a, YDS21]. **Science** [GP22].

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**Screening** [RS21a]. **Screens** [HJHUT20].  
**SDEs** [FdRS24, PSS22]. **Secant** [BM22].  
**Second** [AB24, ALW21, CH22a, CM21,  
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 EG22, FR21, FHK22, GNS20, HS23, KD25,  
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 [AB24, CH22a, CM21, lDzSW22, ER20,  
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 ZWT24a, ZDMZ20, ALW21]. **Segel** [SX20b].  
**Segments** [BE24]. **Self**  
 [YWB24, CM21, LWZ20]. **Semi**  
 [BR20b, CFF20, CS23, LMS22].  
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 [CFF20]. **Semicoercive** [dDFH23].  
**Semiconductor** [DHS24]. **Semidiscrete**  
 [BL23, Li21, QW20]. **Semiexplicit** [Ohs23].  
**Semigroups** [Col22]. **Semilinear**  
 [AHW23, BLM21, BW20, CLLY25, CH22a,  
 CGN24, HK20, Kop20, KM20b, LLMR23,  
 MU22, OSV23, Otá22, WZ20, YZDCNC23].  
**Seminegative** [SWW22]. **Sequences**  
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**Serre** [ADM17, ADM21]. **Set** [GAJN25].  
**Sets** [DL20b, Huy22]. **Setting**  
 [CHSV24, DDO20, GK24]. **Shadowing**  
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 [AP24, BFS20]. **Simplex** [WX20].  
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 SC23b, WM23]. **Singularities**  
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**Singularly** [CK20, KR23d]. **Six** [ACYZ21].  
**Six-Step** [ACYZ21]. **Size** [ACL20].  
**Skeletal** [CZZ20]. **Slab** [ZL21]. **Slits** [ZL21].  
**Slow** [DL20a]. **Smallest** [Kam21]. **Smooth**  
 [AXSZ22]. **Smoothing** [BC20].  
**Smoothness** [AN21, KSG23]. **Snapshots**  
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 [CL21, FP20, GAJN23, HMO22, LL22a,  
 LS20b, SW23]. **Solutions** [AXSZ22, AB20,  
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 LS22, LM22b, MSS20, SX20a, WS23].  
**Solvability** [CSW25]. **Solver**  
 [MPV20, YHLR22]. **Solvers**  
 [LRK22, NT21b]. **Solving**  
 [BBC<sup>+</sup>24, BM22, Guo21, LZ23, MZZ22].  
**Some** [FLLT24, SZ21a, WZ21]. **Sonic**  
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 [CZZ22, GH24, MZ24, SC23b]. **Sources**  
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 GMMP24, GMSZ22, HKYY21, JKVY23,  
 JLM22, LSTY21, Led21, LY20, LS24, WL23,  
 ZW20a, ZW20b]. **Space-fractional**  
 [ZW20b]. **Space-Time**  
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 GMMP24, JKVY23, LSTY21, LS24, ZW20a].  
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 BCF23, CLL24, DWW22, EG25, GB20,  
 GO20, HZ20, HQY21, LAZ22, LLMR23,  
 MSD22, MS21, PR22, SST<sup>+</sup>20, Wan23,  
 WR21, Xia21, YDS21, Zha23b, ZQ23].  
**Spectral-Galerkin** [SST<sup>+</sup>20]. **Spectrally**  
 [EG23]. **Spectrum** [GNS20, WD24].  
**Speeds** [LWXZ22]. **Sphere** [bLWZ21].  
**Spherical** [LC24b]. **Spline** [LL22a].  
**Splines** [HHM<sup>+</sup>20]. **Splitting**

[BCY21, BCF22, CSSS23, FV23, FdRS24, HS23, LWWW22, LMR23, WZ21].

**Splittings** [KD25]. **Squares** [AHP24, CCL23, DH20, DC24, GS22, Hel24, HS20, LY20, QZ20, Sto20]. **Stability** [AP21a, BK21, CGO20, CBM25, DST21, GGHS22, HM22, HQY21, HS21, HS23, IKM22, KV22, LWS22, LIL22, PCQL21, Pra20, QW23, RK20, SV24, Sch23, SBL22, SWW22, WL23, YZZ20, YH25, ZDMZ20, AK20a]. **Stability-enhanced** [PCQL21]. **Stability-Preserving** [WL23]. **Stabilization** [ABB<sup>+</sup>21, AHV22, BPV20, CHW24, LUZ20, dVCN<sup>+</sup>23]. **Stabilization-Free** [dVCN<sup>+</sup>23]. **Stabilized** [NR21, Rub20]. **Stabilizer** [YZ20]. **Stable** [AHP24, AP20, BL25, BPW23, BS22, CSWY23, Dua25, DWW22, EHK24, FHW21, Gla20, GWY22, HLTW21, LWC23, ILTZ20, LMN23, MQ23, PS24, ZWT24a]. **Stage** [BKSS24, GPHHA20]. **Staggered** [MT20, PS22, ZCPZ21]. **State** [AHW23, CDD<sup>+</sup>20]. **Static** [DS20]. **Stationary** [GHLY23, OS24]. **Statistical** [GB20, Hel24, JLM22]. **Steady** [AHW23, FLH23, JK24]. **Steady-State** [AHW23]. **Stefan** [CRR24, HLTW21]. **Stein** [JLM22]. **Stekloff** [GSW21]. **stencil** [FL21]. **Stencils** [GvR24]. **Step** [ACYZ21, BGG23, LIL22, ILL23, LZZ25, QWL22]. **Step-Like** [LZZ25]. **Stepping** [GM24, KK24, WZ20, WLF23]. **Steps** [ILTZ20]. **Stochastic** [ACM24, ABCS24, BW22, BLM21, BSWW22, BW20, BHL21, BDE24, CHJS21, Che21, CZZ22, CHS21, EEST22, FGK23, FGP21, FKP25, GFSZ20, HHL24, HPBL21, KYB23, KLS20, LWXZ20, SW23, WZZ22, YH25, ZHT25]. **Stokes** [AP21a, AP21b, AP22, AHPV25, BLV20, BDL20, CGO20, CSWY23, DN24, DGL20, FHW21, FLH23, GS22, GANT20, GMSZ22, GLS20, Han23, HZZ22, HS21, HS23, JK24, JLY21, KR23a, KR23b, KR23c, KS20, LR20, Led21, LS20a, LMS22, LMR23, PS22, SSZ23, SR20, Sto20, WHL21, ZCPZ21, dDFH23]. **Strain** [CHH23]. **Strang** [CSSS23]. **Stratification** [CG24]. **Stratified** [CC23, GP22]. **Stream** [Led21]. **Stress** [AKNY20, GVMRBV23, GLS20]. **Stress-Dependent** [GVMRBV23]. **Strong** [BLM21, BSWW22, CHS21, GGHS22, NSD22, SBL22, WZ21]. **Structure** [BLX20, BZ21, BKSS24, BPS22, CWW24, CS22b, CS24, FK22, JZ21b, LSXY24, ILL23, LWXZ20]. **Structure-Preserving** [BZ21, CS24, JZ21b, LWXZ20]. **Structured** [CCW21, GLS23]. **Structures** [HN21]. **Study** [ZRZ23]. **Subdiffusion** [LM22a, LLMR23, QW23, SC23b, WZ20]. **Subject** [BDE21]. **Submanifolds** [SZ21b]. **Suboptimality** [KSG23]. **Subspace** [LX23, LO23]. **Substructuring** [AJ24]. **Subwavelength** [ZL21]. **Sum** [DH20, MK20, MK24]. **Sum-Up** [MK20, MK24]. **Summation** [EW21, GNÖ23, RN20, WD24]. **Summation-by-Parts** [EW21, GNÖ23, RN20, WD24]. **Sup** [Pra20, Gal21]. **Supercell** [BO20]. **Superconductivity** [GS23]. **Superconvergence** [CJZ22, CHSZ23]. **Superconvergent** [MRV23]. **Supercooled** [CRR24]. **Superlinear** [AKM23]. **Superposed** [ZSH20, ZRZ23]. **Supremizer** [KS20]. **Surface** [BHL24a, BZ21, BJL23, BDL20, CCL23, DN24, LZZ25, TWZZ23, YHLR22, Zha23a]. **Surfaces** [BL23, DN21, Dua25, Li21, RSS22, WM23, Zha22]. **Swapping** [BHLZ24]. **Swarm** [DGLT24]. **Swarm-Based** [DGLT24]. **Swept** [VL23]. **Symmetric** [BW24a, CH22b, SC23a]. **Symmetrized** [BJL23, LWZ20]. **Symmetry** [GLS20]. **Symplectic** [CHJS21, Che21, Ohs23]. **System** [ADBP22, BCF23, CSWY23, CG20, GS22, HLM22, HLTW21, JZ21b, KR23a, KR23b, KR23c, KN20, LS22, LYC23, LWWW22,

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- Tangential** [BHL24a, DN24]. **Target** [SWH24]. **Target-Data-Dependent** [SWH24]. **Tau** [PM24]. **Taylor** [GS21]. **Tchebycheffian** [HHM<sup>+</sup>20]. **Technique** [ACYZ21]. **Temporal** [IDzSW22, GAJN23, KV22, MQ23]. **Tensor** [CLW21, CLS23, GWY22, MO25]. **Tensors** [CH22b]. **Teramoto** [JZ21b]. **Term** [SC23b]. **Terminal** [ZZZ22b]. **Test** [CBM25, FH24]. **Tetrahedra** [AK20b, ER21]. **Their** [CZZ22, ZWC20, ACM24]. **Theorem** [VL23]. **Theorems** [SJ21]. **Theoretical** [XZ22]. **Theory** [LS20b]. **Thermodynamically** [BD23]. **Thin** [FM21, LSXY24]. **Thin-Structure** [LSXY24]. **Those** [EPRX20]. **Three** [BLY21, BPP20, HZZ22, Led21, QS21, Zha23a]. **Three-Dimensional** [QS21, Zha23a]. **Tikhonov** [CST20, KR20, WSH20]. **Time** [AM22, AH21, BCY21, BCF22, BK21, BSWW22, BPS22, BHL21, BGG23, BDE23, CCHHK20, CLW21, CLS23, CS22c, DRV21, IDzSW22, FV23, FLLT24, FM21, GM24, GL24a, GL24b, GANT20, GAJN25, GM22, GMMP24, GGC23, IKM22, JKVY23, Kar21, KK24, KS20, KRS<sup>+</sup>21, Kop20, KD25, LSTY21, LYC23, LS24, MZZ22, MNO21, MMD24, Mus20, NPT22, PM24, QWL22, RN20, SBL22, WZ20, WS23, WTSZ24, WYZ20a, WLF23, YH25, ZWT24a, ZW20a, Geo21, LWZ20]. **Time-Delay** [PM24]. **Time-Dependent** [KS20, KD25]. **Time-Discrete** [AM22, NPT22]. **Time-Domain** [BK21, WYZ20a]. **Time-Fractional** [IDzSW22, Kar21, Kop20, WS23]. **Time-Graded** [Mus20]. **Time-Marching** [MMD24]. **Time-Splitting** [BCY21, BCF22, FV23]. **Time-Stepping** [KK24, WLF23]. **Time-Varying** [MZZ22]. **Topology** [Pap22]. **Tori** [KOO23]. **Total** [BW22, BJ22, SM25, TWZZ23]. **Trace** [ZHT25]. **Traces** [PS24]. **Traffic** [HD24]. **Training** [ABCS24, MR21]. **Transfer** [GP22, GV20]. **Transform** [BMS24]. **Transformed** [HN21, LWZ23]. **Transforms** [BH21]. **Transitions** [GKMR22]. **Translations** [ZWC20]. **Transmission** [ACZ24, CLR23, DNT22]. **Transparent** [JK22, KN20]. **Transport** [CCW22, CWW24, FKP25, GPR20, LWY23, SJ21, XLZZ24]. **Trapezoidal** [ACW21, BHLZ24, KSG23, WM23]. **Tree** [CLW21, CLS23]. **Trees** [JK22]. **Trefftz** [GM22, IG21]. **Triangle** [GO20]. **Triangles** [AP20, AJ24, AK20b, PS24]. **Triangular** [AH21]. **Trimmed** [BPV20]. **Truly** [GV20]. **Truncation** [GK24]. **TVD** [FR21]. **Two** [ADBP22, CGO20, CDCVV21, CCMP24, DGG20, FA20, GV20, HL25, Led21, LWX20, LZ23, LX23, LWX24, RSS24, WZ23, XZ22, ZWC20, IG21]. **Two-Derivative** [DGG20]. **Two-Dimensional** [ADBP22, CCMP24, GV20, LWX20, ZWC20]. **Two-Grid** [XZ22]. **Two-Level** [HL25, LX23, LWX24, FA20]. **Two-Phase** [CGO20, CDCVV21]. **Two-Scale** [RSS24, WZ23]. **Twofold** [GVMRBV23]. **Type** [BHL21, CH22a, DH22, GZ21, GMP22, HS24, JLQ22, KV22, NWZ22, QW23, WW20]. **Unbalanced** [XLZZ24]. **Unbounded** [KD25, SST<sup>+</sup>20]. **Uncertainty** [DE24, KKS20]. **Unconditionally** [CSWY23, FHW21, IKM22, SX20b]. **Unfitted** [CGO20, Guo21, LL22b, MZZ22]. **Unified** [BGNS20, DS20, ND22, WM23, YZZ20]. **Uniform** [AP21a, AJ24, BCY21, BCF22, BO20, GS23, GANT20, PU22, Pra20,

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