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$(-\Delta)^n$ [DMRV24]. $(2 + 1)$ [KG20a, Waz20, WTQ+20]. $(3 + 1)$ [WTSZ20]. $(h - h/2)$ [EGP20]. 1 [Ale23, FKW22, HMW21, HJ23, Koc22, RMBC24, ŻW21a]. 2 [AADMA23, ACLP22, Ale23, BWR21, BS23b, BZ22, BGG+20, BDL20, BDF24, Boł22, BZ21, BHD+21, CFP22, CWLQ22, CSS23, CLL+24, DN22, DFS21, DC22, FKW22, FMS22, HZ21, HJZ23, HQLJ20, HLQ24, HH23, HHR22, HHL+21, JJ23, KR24, LL22a, LCT21, LZL+21, LYL+22, LP22a, MZ23a, MKP23, Oru20, QP24, RDF24, SM22a, SN20b, SLGF20, SLYL22, VLD+24, WZY23, WDYZ24, XZT23, YLW+22, YJZ20, ZS21, ZK21]. $2 + 1$ [KRO24]. $2m - 1$ [ZH23b]. 3 [ABL24, Ant21, BWR21, CAD24, CTGR24, CQG+24, CWLQ22, DLC22, EFK+23, HKJ23, HLN24, KCC20, MZ23b, MGA22, OKSS21, Pta21, RL20, SLGF20, WPLW22, YL20a, YZJ+22, YLQ22, YWT22, YW20, ZP24, Zha22c, ZS21, ZMS21, ZNMS23]. 3×3 [XL20]. 4 [Ant21]. ^{1} [LQY22, TS21, Zhe22]. ^{2} [BEIL21, GB23, HDG23]. ^{3D} [XMQ+21]. $^{\infty}$ [CYQW21]. $^{x}3$ [KGW+21]. $_{2}$ [AWA+22, GO20, MAT+20, ZJCG21]. $_{3}$ [GO20, MAT+20]. $_{4}$ [ZJCG21]. $_{\sigma}$ [WZ22]. α [AZHY22, CBŁP23, WS21a, ZX24, ZQS24]. $\bar{L}1$ [ZQS24]. C [BEIL21, LWL21]. C^0 [BJyST24]. C^1 [BLO22a, BGKV20, CHL22, GKK+20, GK21, KV22, MS22, dVDR20]. C^k [Sch24]. C^r [HLW24]. d [KV20]. H

[KCC20, KD23, LQY22, TZX23, TS21, ZJCG21, CRM22]. $H(\mathrm{curl})$ [XZT23]. $H(\mathrm{div})$ [HFG23]. $H(div, \Omega) \times H^1(\Omega)$ [CRF+20]. H^1 [AZHY22]. H^2 [FHM22]. H^3 [FdOS20]. $H\mathrm{curl}\Omega$ [EJR24]. $H\mathrm{div}\Omega$ [EJR24]. hp [BHS20, DW20, CGM+20]. $K(x, y) = K(x - y)$ [LX22]. L [GB23, KC23b, WZ22, CYQW21]. $L1$ [MFZX23]. L^2 [LL22a, LLXZ23, WYP23, YLW23, ZC23]. L^∞ [LLXZ23]. L^p [LD21]. L_2 [Ku24]. L_∞ [YLZ20b]. H [AFM23]. PT [WZY23]. N [RLSC23]. O [ZJCG21]. Ω [KD23]. p [BKM23, CGM+20, DZ21, EAM20, ELS24, GAM22, Gun22, HGW18, SR20, ZR23]. $p(x)$ [ADFP23]. P_0 [SK21]. ψ [MKAM20]. q [LCX+20]. r [OP24]. R_0 [BDS+22]. τ [HQL23]. θ [LK20, WF24]. $\times$ [MZM21]. $TV - L^2 - H^{-1}$ [HK20a]. TV^p [PMLC20]. v [MKAM20]. ε [KN20]. $W^{1,p} \times L^p$ [FLOQ21]. $\wp$ [ZR23]. Z [GCJ23].

-absolute [ZX24]. **-Adaptive** [OP24, CRM22]. **-approach** [HDG23]. **-biharmonic** [ADFP23, SR20]. **-conforming** [BLO22a]. **-D** [BHD+21, CSS23, HHL+21, HJ23, Pta21, ŻW21a]. **-dimensional** [KG20a, WTSZ20, Waz20, WTQ+20, RLSC23]. **-DPG** [LD21]. **-elliptic** [KD23, TZX23]. **-FEM** [LSW22]. **-finite** [BHS20]. **-Gaussian** [LCX+20]. **-gradient** [WYP23]. **-hierarchical** [Gun22]. **-Laplace** [ELS24]. **-Laplacian** [DZ21, BKM23, HGW18]. **-matrices** [AFM23]. **-matrix** [KCC20]. **-norm** [LQY22, TS21, AZHY22]. **-norms** [LLXZ23]. **-optimality** [KN20]. **-preconditioner** [HQL23]. **-refinement** [EAM20]. **-Robust** [AZHY22, WS21a, ZQS24, MFZX23]. **-simplices** [KV20]. **-Stokes** [GAM22]. **-symmetric** [WZY23]. **-type** [EGP20, GCJ23]. **-versions** [CGM+20]. **-water** [AWA+22, GO20].

1 [Ano21-52, Ano21-53, Ano21-63, Ano21-57, Ano21-51, Ano21-65, Ano21-66, Ano22-52, Ano22-70, Ano22-59, Ano22-51, Ano22-56, Ano22-71, Ano22-67, Ano22-66, Ano22-68, Ano22-62, Ano22-63, Ano22-53, Ano23-57, Ano23-71, Ano23-72, Ano23-52, Ano23-51, Ano23-59, Ano23-60, Ano23-55, Ano23-53, Ano23-61, Ano23-64, Ano23-68, Ano24-44, Ano24-45, Ano24-34, Ano24-40, Ano24-39, Ano24-35, Ano24-37, Ano24-36, KC23b, ZKBC21]. **1.0** [RHR+21]. **13th** [ZSH+21]. **15** [Ano20-59, Ano21-59, Ano21-50, Ano21-56, Ano21-54, Ano21-49, Ano21-55, Ano21-61, Ano21-58, Ano21-62, Ano22-57, Ano22-55, Ano22-69, Ano22-58, Ano22-49, Ano22-65, Ano22-54, Ano22-61, Ano22-60, Ano22-64, Ano22-50, Ano23-56, Ano23-65, Ano23-70, Ano23-54, Ano23-50, Ano23-63, Ano23-66, Ano23-58, Ano23-49, Ano23-62, Ano23-67, Ano23-69, Ano24-32, Ano24-38, Ano24-41, Ano24-43, Ano24-31, Ano24-42, Ano24-33]. **1D** [BGG+23].

2 [HZA22, ZBKC22]. **2-1** [WZ22]. **2018** [ZSH+21]. **2020** [Ano20-59]. **2021** [Ano21-52, Ano21-59, Ano21-53, Ano21-50, Ano21-56, Ano21-63, Ano21-54, Ano21-49, Ano21-57, Ano21-55, Ano21-51, Ano21-61, Ano21-65, Ano21-58, Ano21-66, Ano21-62]. **2022** [Ano22-52, Ano22-57, Ano22-70, Ano22-55, Ano22-59, Ano22-69, Ano22-51, Ano22-58, Ano22-56, Ano22-49, Ano22-71, Ano22-67, Ano22-65, Ano22-66, Ano22-54, Ano22-68, Ano22-61, Ano22-62, Ano22-60, Ano22-63, Ano22-64, Ano22-53, Ano22-50]. **2023** [Ano23-57, Ano23-56, Ano23-71, Ano23-65, Ano23-72, Ano23-70, Ano23-52, Ano23-54, Ano23-51, Ano23-50, Ano23-59, Ano23-63, Ano23-60, Ano23-66, Ano23-55, Ano23-58, Ano23-53, Ano23-49, Ano23-61, Ano23-62, Ano23-64, Ano23-67, Ano23-68, Ano23-69]. **2024** [Ano24-44, Ano24-32, Ano24-45,

Ano24-34, Ano24-38, Ano24-41, Ano24-40, Ano24-43, Ano24-39, Ano24-31, Ano24-35, Ano24-37, Ano24-42, Ano24-36, Ano24-33]. **2D** [Oru22, JWR+23, RL23]. **2D/3D** [JWR+23, RL23].

3- [CCGV22]. **30P30N** [zLqLZ+24]. **316L** [Cao21]. **3d** [DFSV22, BGG+23, JWR+23, Koc22, RL23].

6-simplexes [CCGV22]. **67** [JFS20].

7 [GSW21]. **75** [DZ21]. **78** [JL20]. **79** [MMAK21].

98 [LZW21a].

= [LWL21]. **Ārtap** [KPO+21].

A-posteriori [MCW21]. **A1** [Ano20-50]. **A2** [Ano20-50]. **ABC** [HHR22]. **above** [EFF21]. **absolute** [ZX24]. **absorber** [HLY22]. **absorbing** [BLX+24]. **abstract** [BBD21b, CP21]. **ACA** [ADD22]. **accelerate** [CAD24]. **accelerated** [HLPW22, HC22b, KCC20, LQ24]. **Accelerating** [BBK24, BGPS20, VT21]. **Acceleration** [DMŠ22, ADD22, CPBF21, NH24, WKC21]. **accounting** [GP22c]. **accretive** [KP20]. **accuracy** [CT22, CCWS20, DSF24, KWM22, RKRRL22, WH21, YZ21]. **Accurate** [YCCW24, ACXI24, AG24, AZY22, BGH20, BB23a, FdOS20, JWR+23, KRO24, KJ21, LS20, Oru22, Rav20, SR23, SPZL21, WZY22, WX22, WCWZ23, YTK21, ZXQQ22]. **accurately** [BV23]. **achieved** [HKJ23]. **achievements** [KJ22]. **Acoustic** [GCSF21, ADD22, BFE+21, CWLQ22, DMG23, JYHS23, KCC20, LFGZ23, LCE23, PSSW20, QV22, vtWHG+22, XLCP20, XJY+20, YCL20, YWLF21, ZCY22, ZCYL24, ZYC+24]. **acoustics** [PD21]. **across** [CWTM20, HKJ23]. **action** [AHM20]. **activation** [ANH+21, CWX22]. **active** [ABC+21, SCD23]. **adaptation** [CHD24, DBR21, GP22c, WRMB23]. **adapted** [CMR22]. **Adaptive** [BFVY23, CHY21, DC22, GP22a, GvV22, GB21, Hak20, HSM+23, KM22, Ku24, LHC23, LCC22, LC22, MB24, OP24, Tau22, WYH20, WDGS23, AGPP22, BBI+22, BRS21, BKK+23, BWMW23, CM21, CD20, CRM22, CQG+24, DE22, DVA+20, DMŠ22, ELS24, EGP20, FS21a, FP20, GMS23, GB23, HDG23, HWY23, HIP23, Hop23, JZXR24, KWM22, KTXP21, KW20, LLSY24, LSGN23, LZS23, LCC+24, LAB23, MMC21, MJVH24, MZ23b, NC20, PMLC20, PD21, QWC+23, RS21, SMDC23, SGF+21, SV21, SYHN24, SMS+23b, SNHH21, TL22, WWW21, WXF22, WL23, WBY23, WWCJ23, XWXF23, YA21, YTA23, YZW+22, ZY23]. **adaptivity** [AMP20, AMC23, BBK21, BX20, CTGR24, DFHT21, HD21]. **additional** [HH21, HH22]. **Additive** [CPS21, Par22a, CCWC23, LAB23, dlRRG+24]. **additively** [KJL+20]. **ADI** [BDF24, CL21, ČPPŠ20, DZ22, LZ20d, QQX21, QGQ22, TQX23, TH23, WYHQ24, ZLPR20, ZZFL21]. **ADI-based** [LZ20d]. **adiabatic** [DBH+21]. **Adjoint** [GS22, KFD+20, OKSS21, RGS+20, VSG21, WCH20, Wat22]. **Adjoint-based** [GS22]. **adjusted** [LCT22]. **adjusting** [BCCR20]. **admittance** [BHD+21, BHDV22]. **ADMM** [TW23]. **ADS** [ŁWP+23]. **Advanced** [GZG20, Lop20, JRZ21]. **advancements** [HGD21]. **Advances** [BDG21]. **advection** [BS23a, CY23, CLZW20, CSI23, DT23, DC22, GLÖ21, HTDT23, Hoa22, LDW+24, LMMMP20, ŁSSP23, MMC21, MMAK20, MMAK21, OTC24, RNMÖX24, RHA21, SQ23, SXLZ21, SHT+24, TZ21, XSZ+23, ZJJ20, ZLW23, ZHPW23]. **advection-diffusion** [CSI23, LDW+24, MMC21, SQ23, SXLZ21, TZ21].

advection-diffusion-reaction [MMAK21, OTC24]. **advection-dominated** [ŁSSP23]. **advection-reaction** [HTDT23]. **advective** [LYZ23]. **adversarial** [MSBO23]. **aeroacoustic** [AAM+24]. **aeroacoustics** [zLqLZ+24]. **aerodynamic** [PDB22]. **aerospace** [ZLF+22]. **AFC** [Jha21]. **AFE** [YMTS20]. **affine** [BX20]. **age** [DYZ22]. **age-dependent** [DYZ22]. **agent** [ZWS22]. **Agglomeration** [AFM+24]. **aggregation** [AWA+22, LHC+22]. **aggregation-based** [LHC+22]. **aggregations** [DDFZ23]. **Agros** [KPO+21]. **aided** [WCZ24]. **air** [AADMA23, JJOG20, XLZ+21]. **air-vehicles** [JJOG20]. **airflow** [TGL21]. **airfoil** [zLqLZ+24, WS21b]. **Airport** [TGL21]. **airway** [HQCW22]. **Al** [GO20, MAT+20]. **algae** [NM23b]. **Algebraic** [ASV20, DDFZ23, NHCJ22, ATBT20, CAD24, DBR21, JZPG21, Loh21]. **algorithm** [AHM20, ABS23, ATBT20, BMVA23, BCCR20, BCM22, CAD24, CQG+24, CSCY24, DYC+22, DYZ22, FSH+23, GPRS22, GHS23, HC21, HC22a, HLCW24, HC22b, JJZ21, JZS23, KP22d, KLRT21, KJ20, LQLF23, LGQZ21, LHH22, LC23a, LC23b, LFY+20, LCH23, LH23b, LQ24, ŁSSP23, MZHJ24, MJR20, MWRA22, Ngu20, OEASY24, PBR24, PLVL21, PSI+24, QWC+23, ST23, SLYL22, TK20, WCWZ23, WBY23, WZS24a, XJ21, XHL21, XHL24, YA21, YJZ20, ZP24, ZXGF22, ZZ20a, ZNH24, ZH23c]. **algorithms** [ABLS23, BGZ22, CDM24, FZH22, JL19, JL20, KSSS23, LFF+24, LT23, LZFZ22, PXLY23, Qiu21, SM23, TZ21, ZS21, ZZS24]. **aliasing** [LP22b]. **aligned** [AWA+22, AAG22]. **Alikhanov** [MGD23a]. **all-at-once** [ZX24, ZGL23]. **all-speed** [SQB22]. **Allen** [BWMW23, CS20a, DZ22, KLK+24, Lee20, LSH21, LWSZ21, LLZL24, LSGN23, LQZ23, OXY21, UHLZ24, WARX23, XHH+23, ZWMF24, ZY23, ZNH24, ZH23c]. **allowing** [BEIL21]. **almost** [YYZ22]. **along** [SBH+21]. **Alternating** [LWL+20, NSMM21, OAH+24, ZX20, LYL+22, MR22, QXCG20, WC21, YQZT21]. **Alternative** [FSS+20]. **aluminium** [BDJ20, SRP21]. **American** [ASSV20, GM22, YZL20]. **among** [CK23]. **Ampère** [SNHH21]. **amplifiers** [HGD21]. **AMRVAC** [KTXP21]. **anaerobic** [BAM+21]. **analogue** [WCH23]. **analyses** [GLC24, PND+24, SWZC23]. **analysing** [UuIUK21]. **Analysis** [AKO21, ÁCS22, AJK23, ADG23, AEF20, BDMX21, BLX+24, CGO22, CLL+24, GGRBRG20b, GGRBRG20a, GSRG21, Kri20, Krz22, LHN24, LWX20, LWX21, LY23, MZHJ24, NP24, OSO+23, OSZ22, QS20, QFL20, XHL21, YHZ22, YQZL22, YYY+20, ZSH+21, ZLL20, AA21, ADKH20, AD21, AS23, ACLP22, AZHY22, ASSV20, AAWJ20, BWR21, BGR23, BZDQ21, BB23a, BLRRS20, BZ23, BBD21b, BGKV20, Bra20b, BRRT21, BTT20, BOSV20, CWZ21, CFP22, CBK24, CMY23, CHZ23, Che24, CWLQ22, Dai22, DYC+22, DN22, DG22a, DG22b, DSR23, Der23, DK23, DVA+20, DKMS22, DW20, DSF24, DBB23, FSH+23, FK20, FYXL21, Gal21, GP22a, GQ23, GORBS21, GDA21, GZAR23, HHJO20, HSWG21, HJM23a, HJ24, HLEF20, HH21, HH22, HC22a, HNLPP20, HYJ20, HX22, HYW+24, HS20, HXZ+22, HAC23, JM23a, Jaw21, JWZ22, JMN22, JJ23, KHD24, Kam21, KPS23a]. **analysis** [KEUY23, KG20a, KF22, Kei21, KK23b, Kra23, KP24, KSJ23, KTY24, KKJ+22, LL21a, LSW20, LSH21, LWSZ21, LWZ22, LL22a, LXZ23, LL23, Li24, LML23, LXH24, LYZ23, LS23, LARGVR23, MCD23, MFZX23, MCD24, MMN21, Man24, MJWD20, MLS22, MLHS23, MP23, MNB23, MS20b, NAS20, Nag24, NHCJ22, NERB+22, PG21, QH22, QHHW20, RR22, SN20a, SB24b, SMV+21, SMDC23, SGF+21, SL20, SL21, SJ21, SZ22b,

SJ23, SZ24, SQ24, SS20, SJM24, SMR24, SRP21, SZCW24, TA22, TSARR21, TJYL22, UHLZ24, VBDR24, WLJ21, WM23, WLL23, WYW+24, WS20a, WLW+22, hWCsLjH21, WCW20b, Xen20, XCLX24, XXLS23, XFX22, XHH+23, XJY+20, YL20a, YL22, YWL23, YJ24, YLZ20a, YWL21, YTY24, ZHYL21, ZYTX22, ZJZ24, ZZ24b, ZZZ24, ZHH21, ZPK22, ZL22b, ZXG+24, ZHPW23, ZQS24, dSMAdOW22, dlRRG+24]. **Analysis/application** [YQZL22]. **Analytic** [CL24, SQC23, ZWOM21]. **Analytical** [KP24, RNMÖX24, AG24, GNB24, PZZ23, SC21a, SDJ+22, SN20a]. **analyzing** [HHL+21, HLN24, HLY22, ZLYL20]. **Anderson** [NH24]. **angiogenesis** [BGG+23]. **Angle** [BPR22, IKST21, KV20, SS20, ZKBC21]. **angle-ply** [SS20]. **angles** [ADL+21]. **Anisotropic** [GP22c, AZL20, BIMS24, BCM22, CRM22, CHD24, EFFR22, HK20b, KARS23, LYP+22, LAX22, LMZ23, LP22c, LD23, MWY23, RL20, RGL21, SCdH21, SNL23, VJH23, WBY23, WLW+22, WRMB23, XZ24, XLS22, YGZ+22, YH21b, ZWCS20, ZSW23, ZW21b, ZZW23]. **anisotropy** [QP24]. **annular** [HWZQ23]. **anodes** [FGK+21]. **anomalous** [FC24, FYXL21]. **anomaly** [KPS23a]. **antennas** [SN20a]. **anterior** [AEF23]. **Anti** [LP22b, DLT20, MCZL20]. **Anti-aliasing** [LP22b]. **anti-plane** [MCZL20]. **any** [HLW24]. **aorta** [ISA24]. **aortic** [EGF+23]. **aperture** [AHP20, KP22d]. **Appl** [DZ21, JL20, JFS20, LZW21a, MMAK21]. **applicable** [RZSL23]. **Application** [AS21, ABL24, BL20, CRDS20, DT23, JM23a, JJOG20, KP22d, MGA22, MN23b, PN24, QP24, SSZ20, WLX20, XXAD21, AM20, AADMA23, ABC+22, BMH22, BFI+23, BNC+23, BBD21b, BHC20, CCH24, DD24, RFG+21, GCSF21, GK21, HLEF20, HKL+23, JZPG21, Jaw21, Kra23, Lee21, LMBB24, LL22c, MN24, NAE22, SRP21, SS21, WWQ20, WZC+20a, hWCsLjH21, WSO+23, XJ21, YY20a, YQZL22, YTA23, YLWZ20, YCWS20, ZDT+22, ZLF+22]. **Applications** [GZG20, ABMS20, ABLS23, AMM23, AFM+24, Axe20, BTCV20, CSB+21, CL24, CMM23, DSS20, Din21, FSW20, GPA21, LNT22, LP20, MSBO23, PD21, RHR+21, SD21, VLD+24, VADG22, WSS22, YKNS23, ZY21b]. **applied** [BKM23, HNLPP20, zLqLZ+24, LX24, OKSS21, SA24, TGARGT+23, VGA+22, YLY20, ZK21]. **approach** [AFS24, AG24, ANWW21, AWA+22, AAG22, BZE24, BB23a, BLRRS20, BMP+24, BGD22, CSB+21, CTGR24, CCX21, CK23, CS23b, CFT+23, CGI+22, DMŠ22, DSL24, GP20, Gut20, HKJ23, HDG23, HYZZ24, KP22c, KK23a, KN20, LMP23, LLD23, Li21, MH22, MSHB22, MAT+20, MKAM20, NES23, NRV22a, NE22, NP24, OKSS21, Orl23, OF20, PM23, PSI+24, SGJJ20, SFR21, SA22, SL21, SMR24, SGSD20, SNHH21, WYT23, YZL20, YPC+21, YSGD20, YOF20, YY20b, YX21, ŻW21a, ZO21, ZTL22, dSG20]. **approaches** [CO20, HHR+20, LP22b, NSRI24]. **Appropriate** [CO20, SWZC23]. **Approximate** [AL22, BTG24, KPJ22, TPOT20, PQSM21, SAVHB22, Tad23]. **approximated** [ADG23, DFK22]. **approximating** [JBKW23, LS21, PH23]. **Approximation** [BBG23, HM20, Nie23, Sch21, XL24, ACDL24, AGLR21, AMN22, ARV23, ACLP24, AGM+22, BZDQ21, BKW22, BCF+23, BN20, CM22, CXXZ23, CL21, CKBK24, CCWC23, CNT23, DE21, DH23, FLS23, Füh21, GHH20, GAM22, GSRG21, HJM23b, HHR24, JM23b, KS21, KSS+20, KP23, LY23, LLW23a, LZL+21, LCC22, LC22, MC24, MB24, Man24, MN23b, MVHÖ23, MH23, NSRI24, OCCM21, PR20, QFL20, QV22, RTA20, SSY22, SJ21, SSD23, TCA22a, TMML23, Tür20, XXLS23, ZKBC21, ZBKC22,

ZZCM20, ZSK23, Zhe22, ZH23c, ZZS24]. **approximations** [APS21, GNZ24, GRR20, HSZ22, HZW21, JM20b, KKNR21, LdO21, SC21a, SMDC23, YZN22, Zha22b, ZZ20b, ZX22]. **April** [Ano20-58, Ano21-52, Ano22-52, Ano22-57, Ano23-57, Ano23-56, Ano24-44, Ano24-32]. **aqueous** [Hoa21]. **aquifers** [Bou24]. **arbitrarily** [MNB23]. **Arbitrary** [FHZ22, GNZ24, Kim21, BHDV22, CWZ21, CM21, EH23, FJZC20, HMW21, KTY23, LSRL24, LZG+23, NFS24, VJ22, YK20, ZLJ+22, ZXXX23, ZAPK23]. **arc** [BD20, SMS23a]. **arc-length** [BD20, SMS23a]. **architecture** [GHSR23]. **arcs** [Par22c]. **Argyris** [GK21]. **arising** [BKW22, Che24, DG22b, MRP20, ZY21a]. **arithmetic** [AG24]. **Arrhenius** [ANH+21]. **artery** [PTM+23]. **artificial** [GWYR22, WDYZ24]. **Asian** [AG24, Rou20]. **aspect** [YZ21]. **aspects** [GPRH+24]. **Assessment** [Zha21, dSMAdOW22, KWM22, LGQZ21]. **asset** [CYKL23, GM22]. **assimilation** [ADR24, ABC+22, PSDP22, SXKL24]. **assisted** [HMW21]. **associated** [BB21, Hak20, QFL20]. **assumptions** [CWW22]. **Asymmetric** [SW21, SB24a]. **Asymptotic** [KP24, LGL20, LQCM20, BCT21, CGGY23, CCF+21, EP23, NS20, PV22, SSW20, WCW20b]. **asymptotic-preserving** [BCT21, SSW20]. **asymptotics** [BD23]. **asynchronicity** [RLVR21]. **atherosclerosis** [NE22]. **atomic** [ZTL22]. **attention** [Sch21]. **attenuation** [XJY+20]. **Attractors** [YW20]. **augmentation** [sCpLYhG23]. **augmented** [ÁCS22, ACRBT23, BKK+23, CLZ23a, GOV20, KP22c, QFL20]. **August** [Ano20-50, Ano20-65, Ano21-59, Ano22-70, Ano22-55, Ano23-71, Ano23-65, Ano24-45]. **AUSMPW** [SQLZ21]. **Automatic** [DDFZ23, SHQL20, VBDR24, VR20, YA21, ZKTK21]. **Autonomous** [YMTS20, YKNS23]. **Auxiliary** [BHZ20, EJR24, HYZZ24]. **average** [WSS22]. **averaged** [PND+24]. **AX** [LWL21]. **axially** [SN20a]. **axis** [KP21, SCG23]. **axis-switching** [KP21]. **axis-symmetric** [SCG23]. **axisymmetric** [AZL20, EP23, FL22, GNZ24, LL21a, QV22, XCFC21].

B [LYL+22, AS21, BGK23, CG21, EJR24, EFK+23, GP22a, GK21, KG20b, Rou20, WLD22]. **B-methods** [BGK23]. **B-spline** [EFK+23, GK21, KG20b, Rou20, WLD22]. **B-splines** [AS21, CG21, EJR24, GP22a]. **Babuska** [DFHT21]. **back** [DLT20, HLH+20a, zLqLZ+24]. **backtracking** [Par22a]. **Backward** [TH21, Dai22, MKP23, SCG23, SXLZ21, TPOT20, WL22, WS20b, ZRL+22, NAE22]. **Bakhvalov** [ZZ23a, ZZ24a]. **Bakhvalov-type** [ZZ23a, ZZ24a]. **Balanced** [LX24, CBI+23, CZLQ22, LMD22, LZ23, WZZ20]. **balancing** [BMS22]. **ball** [MC24]. **Banach** [CCGI23, CG22, CP21, GORBS21, GI21]. **band** [CLH21]. **bands** [ZAPK23]. **Bank** [BHL+23]. **barotropic** [ADR24]. **barrier** [AG24, RYAM21]. **barycentric** [LMLZ23, Oru20, Oru22]. **based** [AS21, AHM20, ADD22, AG24, ACLP24, Ale23, ABMS20, ADL+21, ABLS23, AGM+22, BNV22, BDP23, BGG+23, BD20, BMS22, BCM22, BGD22, BSRVC20, CCGI23, CD20, CYY+21, CFT+23, CEB24, CNT23, DDFZ23, Dai22, DYC+22, DVA+20, DTV20, DW20, DZ24, DNP+22, DBB23, ERHL22, EJWD23, FL22, FZDS22, GS22, GORBS21, GI21, GP22c, GV21, GI20, GWYR22, GZAR23, HC21, HC23, HZJ+22, HLW23, HXW23, HLMM20, HWL+20, HLH+20a, HDWL24, HHL+21, HLY22, HMX21, IJS+24, Jha21, JAHM23, JZXR24, JJ23, KHD24, KBR20, KPO+21, KM22, KLRT21, KTFI23, Koc22, KJL+20, KJ20,

KSSS23, LNT22, LHC+22, LZJC21, LD22, LHC23, LZF23, LT23, LML23, zLqLZ+24, LZ20d, LYRW21, LZL+21, LCH23, LLZ+23, LZG+23, LLZ+24, LCC+24, LP22b, LP22c, MWY21, MSHB22, Mal22, MZ23b, MB21, MNB23, MCV24, NSMM21, NDC22, NIT+20, NNT22, NNNT22, NSRI24, OKSS21, Oru20]. **based** [PG21, PCC21, PQSM21, Par22b, PLR21, PBR24, PND+24, PR20, PLVL21, PNT+23, PTNR24, QZH23, QQX21, QSL23, RNN22, RTA20, RL20, RYAM21, RLSC23, Rou20, RR22, ST20a, SW20a, SD21, STM21, SJ24, SFR21, SSZ20, SMS23a, SS20, SKG24, SR21, SR24, SGSD20, SPZL21, SQB22, Tad23, TCA22a, TH23, TCA+22b, TBO20, UuIUK21, UHLZ24, VJ22, WYS+20, WWL22, WYP23, WWZ+24, WHC24, WLD22, WHH22, WRMB23, WLQ22, WCY+24, XKXL22, XHY21, XLCP20, XFX22, XSZ+23, YLQ22, YDY+23, YTH+21, YCL20, YX21, Yu23, YWZ+23, YZW+22, ŻW21a, ZL20b, ZZ21, ZO21, ZHZ+22, ZSK23, ZZZ24, ZS21, Zhe22, ZS23b, ZXG+24, ZWS22, ZST22, ZWW+23, ZZS24, ZHW20, dlRRG21, LSRL24, ZZL23]. **Basic** [BBD+21a]. **Basis** [BV21, ABR20, AM22, BNB20, CBK24, GLÖ21, Gun22, HLX22, JZXR24, JBKW23, LYRW21, MH23, Oru20, Sch24, TO20, XCFC21, XLCP20, XFX22, BRÁ+20a]. **bat** [JJOG20]. **bat-inspired** [JJOG20]. **Battery** [MJVH24, SCD23, VGA+22]. **Battling** [Zha22b]. **Bayesian** [BCK24, HLW21, MSBO23, RBSC24]. **BBM** [SQ24, WLJ21]. **BDDC** [KW20, TZ21]. **BDF** [NAE22, HZA22, MA22, TA22]. **BDF-2** [HZA22]. **BDF2** [BM21, QGQ22, SJZ22, WYHQ24]. **BE** [SP20]. **beam** [ADFP23, HV21, RSAG+24, SJM24, WWLG24, ZWW+23]. **beam-deformations** [ZWW+23]. **beams** [JSSS24, MHHR20]. **Beavers** [QQY+23]. **beds** [GORBS21]. **behavior** [Cao21, CCF+21, EGP20, LYXC21, MKM+24, MRP20, YLZL20]. **behaviour** [JSSS24]. **Bell** [GK20]. **Bellman** [YT22]. **Belousov** [KEUY23]. **BEM** [ADD22, AG24, EFK+23, FMS22, GP22a, GvV22, HLN24, LQLF23, MMPR20, NAS20, Pta21, SW20a, Tau22, ZYC+24, ZXG+24]. **BEM-based** [SW20a]. **benchmarks** [ZK21]. **Bend** [DFSV22]. **bending** [DD22, MCD23, SJM24, YLZL20]. **Benjamin** [KJ20, LSRL24]. **Bernoulli** [BLO22b, CGI+22, WWLG24]. **Bernoulli-type** [CGI+22]. **Best** [LCC22]. **between** [DWS20, HB24, LQLF23, Li21, MLJ+20]. **Beyond** [BX20, XL24]. **Bézier** [AS21, BNC+23, HL22]. **BGK** [LZF23]. **bi** [BNC+23, DV22, MN23b, XGL21, EIJH21]. **bi-** [MN23b]. **bi-cubic** [BNC+23]. **bi-disperse** [XGL21]. **bi-harmonic** [BZ23, DV22]. **Bi-parametric** [EIJH21]. **BiCGStab** [Kra20]. **bicompact** [BDB21]. **Bidomain** [BHPS24]. **bifocusing** [KPS23a]. **bifurcation** [WSS22]. **biharmonic** [ADFP23, BLO22a, KPO20, KPJO22, KBW23, LFY+21, Mal22, MM21, SR20, ZPK22]. **bilaplacian** [dlRGR20]. **bilateral** [ZGL23]. **Bilinear** [WXZW21, YS23, YZW+22]. **binarization** [DH24]. **binary** [ADL+21, XKXL22, XWXF23, ZTW22]. **Bingham** [BHS22]. **bio** [AL23, YA23]. **bio-convection** [YA23]. **bio-heat** [AL23]. **bioconvection** [PCC21]. **biodegradable** [AEF20, FGG+20]. **biodegradation** [AM20]. **biodenitrification** [AM20]. **biological** [YYY+20]. **biomass** [SB21]. **biomass-fueled** [SB21]. **biomolecular** [SHWC22]. **biorthogonal** [DLN24]. **Biot** [BS21, CLR23, HFG23, KKNR21, LR23, WCWZ22, WH20]. **Bivariate** [BDS+22]. **Black** [RYAM21, KMP20, Ull20]. **blade** [HJP23, YL20b]. **blanket** [BAM+21]. **blast** [BNQ21]. **Blending** [Kra23, YLY20]. **Bloch** [XLLA20, YLL24, ZLT+21]. **Bloch-Torrey**

[ZLT+21]. **Block** [FK20, JL23, NSRI24, SS22, ATBT20, Axe20, BEG+21, MFZX23, MZM21, WZS+24b, XW24a, XL20, XW24b, ZWCS20]. **Block-centered** [JL23, MFZX23]. **block-structured** [BEG+21]. **blood** [ISA24, LCC+24, SPC+23]. **Blow** [DZ21, HGW18, BGK23]. **Blow-up** [DZ21, HGW18, BGK23]. **Board** [Ano20a, Ano20b, Ano20-27, Ano20-28, Ano20-29, Ano20-30, Ano20-31, Ano20-32, Ano20-33, Ano20-34, Ano20-35, Ano20-36, Ano20-37, Ano20-38, Ano20-39, Ano20-40, Ano20-41, Ano20-42, Ano20-43, Ano20-44, Ano20-45, Ano20-46, Ano20-47, Ano20-48, Ano20c, Ano20d, Ano20e, Ano20f, Ano20g, Ano20h, Ano20i, Ano20j, Ano20k, Ano20l, Ano20m, Ano20n, Ano20o, Ano20p, Ano20q, Ano20r, Ano20s, Ano20t, Ano20u, Ano20v, Ano20w, Ano20x, Ano20y, Ano20z, Ano21a, Ano21b, Ano21-27, Ano21-28, Ano21-29, Ano21-30, Ano21-31, Ano21-32, Ano21-33, Ano21-34, Ano21-35, Ano21-36, Ano21-37, Ano21-38, Ano21-39, Ano21-40, Ano21-41, Ano21-42, Ano21-43, Ano21-44, Ano21-45, Ano21-46, Ano21-47, Ano21-48, Ano21c, Ano21d, Ano21e, Ano21f, Ano21g, Ano21h, Ano21i, Ano21j, Ano21k, Ano21l, Ano21m, Ano21n, Ano21o, Ano21p]. **Board** [Ano21q, Ano21r, Ano21s, Ano21t, Ano21u, Ano21v, Ano21w, Ano21x, Ano21y, Ano21z, Ano22a, Ano22b, Ano22-27, Ano22-28, Ano22-29, Ano22-30, Ano22-31, Ano22-32, Ano22-33, Ano22-34, Ano22-35, Ano22-36, Ano22-37, Ano22-38, Ano22-39, Ano22-40, Ano22-41, Ano22-42, Ano22-43, Ano22-44, Ano22-45, Ano22-46, Ano22-47, Ano22-48, Ano22c, Ano22d, Ano22e, Ano22f, Ano22g, Ano22h, Ano22i, Ano22j, Ano22k, Ano22l, Ano22m, Ano22n, Ano22o, Ano22p, Ano22q, Ano22r, Ano22s, Ano22t, Ano22u, Ano22v, Ano22w, Ano22x, Ano22y, Ano22z, Ano23a, Ano23b, Ano23-27, Ano23-28, Ano23-29, Ano23-30, Ano23-31, Ano23-32, Ano23-33, Ano23-34, Ano23-35, Ano23-36, Ano23-37, Ano23-38, Ano23-39, Ano23-40, Ano23-41, Ano23-42, Ano23-43, Ano23-44, Ano23-45, Ano23-46, Ano23-47, Ano23-48, Ano23c, Ano23d, Ano23e, Ano23f]. **Board** [Ano23g, Ano23h, Ano23i, Ano23j, Ano23k, Ano23l, Ano23m, Ano23n, Ano23o, Ano23p, Ano23q, Ano23r, Ano23s, Ano23t, Ano23u, Ano23v, Ano23w, Ano23x, Ano23y, Ano23z, Ano24a, Ano24b, Ano24-27, Ano24-28, Ano24-29, Ano24-30, Ano24c, Ano24d, Ano24e, Ano24f, Ano24g, Ano24h, Ano24i, Ano24j, Ano24k, Ano24l, Ano24m, Ano24n, Ano24o, Ano24p, Ano24q, Ano24r, Ano24s, Ano24t, Ano24u, Ano24v, Ano24w, Ano24x, Ano24y, Ano24z]. **bodies** [BD23, CRB24, GRR20, Li21, MGBN22]. **body** [MIOK21, QD20, RR23, SD21, ZBCS24]. **Boltzmann** [GCSF21, APGK24, ABMS20, ADL+21, ABLS23, ABS23, BP20, BABS20, CLLL20, CCWS20, CYY+21, CYC+23, CRPdT20, DT23, DLT20, EFF21, EGF+23, FGK20, FS21b, GBK23, GML+20, GDLW23, HHR+20, HLH+20a, HLH+20b, HHY+22, HQCW22, HDWL24, HEDT20, HHR24, HKL+23, Ima20, KRESA21, KGB24, KFD+20, KTFI23, KWK+20, KKA+21, Kri20, KOMK20, LMK+21, LLX23, zLqLZ+24, MWYY22, MIOK21, MLJ+20, NIT+20, OF20, PGK20, PLR21, PWWJ23, PWJ+24, QhCZ+20, RST+22, RLF21, RLSC23, RGS+20, SGJJ20, SB24a, SLX+23, ST20b, TMML23, VL21, WWQ20, WZC+20a, WZC+20b, WCZ24, WZCS20, WCY+24, XL22, XLZ+21, XHH+23, XTZZ24, YOF20, YYY+22, YCWS20, YWZ+23, ZKTK21, ZCY22, ZCYL24, ZTW22, ZHHL23, ZWCS20, ZZ20b, ZYS22, ZDLL22, ZLD+23]. **Bona** [KJ20, LSRL24]. **bond** [CRDS20]. **bonds** [LZ20d]. **bordered** [JL19, JL20]. **Bose** [GM21a, WTQ+20, XHM20]. **BoSSS** [KWS21]. **both** [YLQ22]. **bottom** [CBI+23, LMD22]. **bounce**

[DLT20, HLH+20a, zLqLZ+24]. **bounce-back** [HLH+20a]. **bound** [DHVT20, WXF22, YLZ20b, ZWMF24]. **boundaries** [ABLS23, PWMC23, YX21]. **Boundary** [BBS21, CM20a, CRPdT20, DFS21, Gut20, HXZ+22, Kar24, KCC20, LL20a, vtWHG+22, Zha22e, Alt23, AAK24, BLX+24, Bar22, BTCV20, BBS22, CWZ21, CLZ23a, CFP22, CRRS21, Che24, CZ20, CWLQ22, CSS23, CGI+22, DKMS22, DH23, DLT20, ERG+24, FYM23, FYXL21, GS22, GP23, GS23, GO23, HMF24, HZ21, HTBMC20, HK22, HSR+23, HYW+24, HHL+21, HJ23, JKC24, KC22a, KPJO22, KGB24, KTFI23, LNT22, LL20b, LZ20b, Li20, LZJC21, LDW+24, LQW22, LX24, LC21, LLZ+24, LZY24, Man24, MM21, MZ23b, MJR20, MD21, MK20, MN23b, Nag24, Ngu20, OEASY24, PWWJ23, PS21, QhCZ+20, RLF21, ST20a, SD21, SLX+23, SXCB24, SLGF20, SPZL21, SZCW24, US20, WWQ20, WDGS23, WCZ24, WWLG24, WDYZ24, WSO+23, WZCS20, Xen20, XZS+23, YL20a, YLW+22, YS23, YWL21, YLWZ20, ZLYL20, ZWOM21, ZTW22, ZLQ23, cZsCyC23, ZZ20b, ZHH21, ZCA23, ZQS24, BL20]. **boundary-domain** [CFP22]. **boundary-lattice** [RLF21, SLX+23, WWQ20]. **boundary-type** [YL20a, YLW+22]. **bounded** [ES20]. **boundedness** [LZ20e]. **Bounds** [DTW23, BMS22, GSRG21, Ku24, KKNR21, VLD+24, Wol20, ZY21a]. **Boussinesq** [BS23b, AGM+22, CRRS21, HC22a, HYLH22, YJ24]. **box** [AMPB+22]. **Bratu** [IZ20]. **break** [AS21]. **breakup** [ZDLL22, ZLD+23]. **breather** [JXK20]. **Brezzi** [DFHT21]. **brick** [ZMS21, ZNMS23]. **Brinkman** [Gut20, LZBC24, MS20b, ZMS21, ZHW20]. **brittle** [SMS23a, SYHN24]. **Brownian** [MW20]. **brush** [PCM20]. **bubble** [DdSP21, HSM+23, ZLJ+22]. **bubbles** [WTSZ20]. **buckling** [AA21, KHD24, LML23, MMP21, MNB23]. **Bulkley** [FNGDV23]. **Buongiorno** [RG21]. **buoyant** [ZZZC24]. **BURA** [HLMM20]. **Burgers'** [CO20, JSBZ22, MKP23, RLSC23, SC21a, ySRC22, ZL23c, JWR+23, KJ20, KMS20, LSRL24, jWC23, YL22]. **Burton** [SXCB24].

Cable [GLL+20b, ZLJT20]. **CADI** [CC20]. **Cahn** [SXKL24, BWMW23, CS20a, CL22a, CMY23, DZ22, FRW22, JWL20, JAMX24, KTY23, KLK+24, Lee20, LKC+24, LSH21, LWSZ21, LLZL24, LSGN23, LQZ23, NR22, OXY21, SBNR23, UHLZ24, WZY22, WHH22, WARX23, XFS23, XHH+23, YLZ20b, ZWMF24, ZZW20, ZZ21, ZO21, ZY23, ZNH24, ZH23c]. **calcium** [JJ23]. **calculation** [Ant21, BDJ20, LFGZ23, LLJ23, MJR20, PWC+23]. **calculus** [JH24]. **cancer** [AOL22, AMC23, SAVHB22]. **canonical** [CPBF21]. **CaNS** [CPBF21]. **cantilever** [RSAG+24]. **canyon** [WSGT21]. **canyons** [AADMA23]. **cap** [KHD24]. **capacity** [NRV22b]. **capillary** [WYS+20]. **capsules** [CRPdT20]. **Caputo** [Din21, FSW20, SHM21]. **Caputo-Riesz** [SHM21]. **carbon** [AAS+20, FGK+21, PCM20, WCW20b]. **carbon-nanotube** [PCM20]. **Carleman** [LNT22, LLN24, NNT22]. **Carleman-based** [LNT22, NNT22]. **Carlo** [AHM20, BW21]. **Carreau** [MLHS23]. **Cartesian** [zLqLZ+24, MIOK21, XHY21]. **cartoon** [RGL22]. **cascaded** [GML+20, XTZZ24]. **cascades** [HLEF20]. **cascadic** [SSW20]. **case** [BX20, EJR24, WZXN21]. **Casson** [AGA+21, KC23a]. **casting** [YLWZ20, YWPS24]. **catalytic** [AGA+21]. **Cattaneo** [ANH+21, AAG22, BWZ23]. **Cauchy** [BJG23, BCM22, CV20, GPA21, MH23, NRV22a, SDG20, WW20a]. **Cauchy-type** [GPA21]. **cavitating** [EH23, KJ21]. **cavities**

[KC23a, MGD23b, YZ21]. **cavity** [ACXI24, BRÁ+20a, GO20, HBC+21, PM23, SPC+23, TSARR21, WX22, ZZZC24]. **CBS** [YQZL22]. **CBS-SEM** [YQZL22]. **Cell** [CSI21, Bar22, BDJ20, FGK+21, GHRD20, LWZ22, LLW23a, MJVH24, MWY23, VSG21, WCZ24, WKGH21, ZYM24, ZPK22]. **cell-centered** [LLW23a, MWY23, ZPK22]. **Cell-vertex** [CSI21]. **cells** [JJ23, KWM22, LARGVR23, MGBN22, SPC+23, ZDW+20]. **cellular** [MB21]. **CEM** [PFCZ23]. **CEM-GMsFEM** [PFCZ23]. **centered** [DWS20, JL23, LLW23a, LMZ23, MFZX23, MWY23, ZPK22]. **central** [EH23, QD23]. **certain** [CDM24]. **Certified** [WARX23, BRÁ+20a]. **CEV** [RYAM21]. **CFD** [ZY21b]. **CG** [BFE+21]. **CH** [ZJCG21]. **Chaboche** [RUMT+24]. **chain** [MSBO23, ZTL22]. **challenges** [KJ22]. **Chan** [LQZ23]. **change** [EBDY22, FL22, HHY+22, JFS20, TWH+22, ZK21]. **channel** [AAWJ20, BPR22, CBK24, MIOK21, MAT+20, QD23, YY23]. **chaos** [BNSZ24]. **Characteristic** [KGB24, LYXC21, BRRT21, LZF23, QFL23, SWW22, ZSPW20]. **characteristics** [JWW+21b, KP21, ZD21]. **characterization** [BEIL21, KJL+20]. **charge** [LXJ+21, VGA+22, ZD22, ZZ24b, ZST22, ZZS24]. **charge-conservation** [ZST22, ZZS24]. **charge-conservative** [ZD22, ZZ24b]. **Chebyshev** [DYC+22, NML23, Pel23, SKG24]. **checking** [YJZ20]. **chemical** [BGG+23, HEDT20, JSBZ22]. **chemically** [AWA+22]. **chemo** [GGRBRG20b, GGRBRG20a, SCD23, WaZWZ23]. **chemo-mechanically** [SCD23]. **chemo-repulsion** [GGRBRG20b, GGRBRG20a]. **chemo-repulsion-Navier** [WaZWZ23]. **chemotaxis** [BGG+20, BOSV20, CCGI23, HHNV23, IQS20, PCC21, ZXZF20]. **chemotaxis-driven** [PCC21]. **chemotaxis-Navier** [CCGI23]. **chemotherapeutic** [SAVHB22]. **Chimera** [SGSD20]. **China** [ZCZ+21]. **chip** [CRDS20]. **chiral** [AAA24]. **Choice** [CKS22]. **choosing** [JAHM23]. **Christov** [ANH+21, AAG22, BWZ23]. **chromatography** [MAT+21]. **Ciarlet** [YJ24]. **Circulant** [PQSM21, LZFZ22, ZZL22]. **Circulant-based** [PQSM21]. **circular** [AMPB+22, ASV20, DBH+21, DKH22, SN20a, YX21]. **circumvent** [DFHT21]. **cities** [dCG20]. **clamped** [KPJO22]. **class** [BMZ20, BLF23, CL24, DZ21, GLL20a, GLLZ23, HGW18, JL19, JL20, LS21, LMLZ23, LLZ+24, MW20, MZM21, MD21, NT21, OSZ22, PQSM21, SSD23, SSdA20, hWCsLjH21]. **classical** [GSRG21, VGA+22]. **classifier** [NR22]. **cloaking** [FLW20]. **close** [BKT+23]. **close-contact** [BKT+23]. **closed** [CQG+24, ZL23a]. **closed-loop** [CQG+24, ZL23a]. **closest** [Yan24]. **closure** [AS23, MCK+23]. **clouds** [HK22]. **clustering** [CDPL24, MN24]. **CNTRC** [MJWD20]. **CO** [ZJCG21]. **coarse** [BDJT21, GHS23]. **coarsening** [DDFZ23, HC21, He23b]. **coating** [AMPB+22]. **COCR** [LWL21]. **code** [KKA+21]. **coefficient** [ABFPA24, BGH20, HTDT23, KS21, LT23, LLZL24, LLXY23, MFZX23, PT24, WXZW21, YS23, YYSL20, ZCL20]. **coefficients** [AGPP22, BLO22b, CLYH22, CEL20, HLX20, JL23, LSW22, LNNP24, Pło22, WZ22, XLLA20, ZLT+21]. **coerciveness** [Zha23]. **coercivity** [QN20]. **cohesive** [YA21]. **cold** [ZCZ+21]. **Cole** [BWR21, RLSC23]. **collapse** [DdSP21]. **Collective** [CM21]. **collision** [ADL+21, OF20]. **collocated** [ADB+22, NERB+22]. **collocation** [BDF24, BDS+22, CLZ23a, CCX21, CD20, CPS21, CFT+23, FKW22, FS21a, FYXL21, GKHU22, JM23a, JZXR24, LZ20b, LZL+21, LGZC23, LP22c, LN22, MHHR20, NE22,

NML23, QC24, TO20, TQX23, Tür20, WYHQ24, XLCP20, XFX22, ZDWR22, ZSL22]. **color** [LP22b]. **Combination** [LMLZ23]. **Combined** [AGA+21, AA20, BHD+21, BSRVC20, JJ23, MKP23, SGJJ20, SR22, TFWX23, WYW+24, YKNS23, Zhe22]. **combustion** [KRESA21]. **Comments** [DZ21]. **common** [YTY24]. **Compact** [CMM23, LP20, AM22, BZ22, CT22, CLL21, CLLG23, FHM21, GLLZ23, HC22a, HLPW22, JZHZ22, LC23a, LCT22, MN23b, PM23, ST20b, YL22, ZCYL24, ZAH23, ZLL23, ZQZ20]. **comparative** [LFF+24]. **Comparison** [BBS22, KOMK20, MCK+23, WZXN21, BMK21, BCF+23, BDJT21, CS20b, LMBB24, RSAG+24, SSK+23]. **Comparisons** [DSS20, LAL+24]. **complement** [Bot20]. **completeness** [ZLJ+22]. **complex** [AD20, AXLW24, AAWJ20, DK23, KJL+20, LL20b, LWL21, LL21b, LFGZ23, LQW22, XHY21, XLCP20, XP22, YKMZ21, ZXG+24]. **complex-geometry** [XLCP20]. **complexity** [DKH22]. **complicated** [YWLF21]. **component** [Fan23, WYT23, ZBKC22, ZGW23]. **components** [RGL22]. **Composite** [BHL24, jWC23, DSL24, HYH23, MMP21, MNB23, Pta21, QP24, WWZ+24, YLZL20]. **composites** [BNB20, MR22, Mit22]. **composition** [SGSD20]. **comprehensive** [KWM22, PTM+23]. **compressed** [CYY+21]. **compressible** [ADB+22, AEZ24, CYC+23, GPL21, HEDT20, JZHZ22, JZXR24, KP22b, PFCZ23, RZC21, RDP20, SJ24, XJ21, YPC+21, YZN22, ZH20, ZCXG20, ZYS22]. **compressible/incompressible** [GPL21]. **Compressive** [BTT20, LCN20, YZW+22]. **comprising** [AWA+22, AAG22]. **Comput** [DZ21, JL20, JFS20, LZW21a, MMAK21]. **computable** [KKNR21]. **computation** [BGPS20, BRS21, GM22, KN20, KC23a, MRN+20, YHZ22, Yan24, YYY+20, YTT+22, YWLF21]. **Computational** [GPRH+24, Lop20, OAA+22, BMP21, CT22, CHJR21, DSL24, DTV20, EGF+23, GKHU22, HGD21, KAKK23, KSSS23, KR24, Oru22, PTM+23, TRSM23, YD23]. **computationally** [GP22b, HYZZ24]. **Computations** [GZG20, DNP+22, LYP+22, RG21, VBDR24, ZTL22]. **computers** [Fia21]. **computing** [AHM20, BDS+22, DdSP21, EH23, NAE22]. **concave** [WL20]. **concave-convex** [WL20]. **concentrated** [HSZ22]. **concentration** [Hoa21, IJS+24, RBSC24, SGJJ20, ZL20b]. **concepts** [BBD+21a]. **concrete** [YA21]. **condensate** [WTQ+20]. **condensates** [GM21a, XHM20]. **Condenser** [NRV22b]. **condensing** [YL20b]. **Condition** [KC21, AAK24, BLX+24, DFS21, DKMS22, DLT20, EAM20, FYM23, GV21, HMF24, HTBMC20, IKST21, KGB24, KV20, Krz22, NIT+20, SLGF20, WSO+23, YLWZ20, ZLQ23, Zha22e]. **Conditioning** [KF22]. **conditions** [Adj22, Alt23, BTCV20, BPR22, CSS23, DDNS21, DFHT21, GS22, GO23, HK22, HYW+24, KPJO22, LNNP24, LZ20b, LZY24, MM21, MJR20, MD21, MK20, OEASY24, QQY+23, ST20a, SGZ+23, US20, WXZW21, WDYZ24, XZS+23, YS23, YWL21, ZCA23]. **conducting** [Du24, KP22d]. **conduction** [BCM22, CZ20, CFT+23, ČPPŠ20, DD20, FYXL21, Gra21, HZ24, HYJ20, QX23, SL20, TJYL22, Vab22, WQ24, XFX22, YWL21, ZLYL20, ZRL+22, ZZL23]. **conductive** [TSARR21, XKXL22]. **conductivity** [BD23, JM23a, MLHS23, Par22b, QP24, ZLYL20]. **conductor** [LSV21]. **configuration** [ZLD+23]. **conformal** [HWY23]. **Conforming** [NW24, WN24, AMV20, BDMX21, BHK+24, BLO22a, DDG23, EFK+23, HFG23, NAS20, PLR21]. **conical** [HWZQ23, MAT+20]. **conical/cylindrical/spherical** [HWZQ23].

conjugate [FK20, Ima20, SBH+21, ZHHL23]. **consensus** [ZWS22]. **conservation** [BCT21, BS23c, DTW23, GCJ23, Haj21, KG20a, Kim21, KBB+21, Pel23, SK21, ZST22, ZZS24]. **conservative** [CWC22, CYQW21, FHZ22, FX22, GDA21, HC22a, HFG23, HJXW23, JZ20, KTY23, Lee20, QFL23, SZ22a, TH23, WH20, XHH+23, XF23, YTK21, YWL23, ZD22, ZZ24b, ZW21b]. **conserving** [LMBB24]. **considering** [BLX+24, FSH+23, NIT+20, SB21]. **consistency** [WYP23]. **consistent** [Mit22, PDB22, WWCJ23, ZGW23, Zha22d]. **consolidation** [AZL20, HFG23, LR23, WCWZ22]. **constant** [ABFPA24, HLX20, Sau23, TSARR21]. **constant-coefficient** [ABFPA24]. **constants** [PV20]. **constitution** [YCZ+21]. **constitutive** [PGR23, RUMT+24]. **constrained** [AGM+22, BV21, BGZ22, CSB+21, CS23b, FWLD22, GPRS22, GS23, IJS+24, SV21, SHWC22, YY20b, ZZ23b]. **constraint** [ERHL22, HJZ23, TS21]. **constraints** [BHS20, BKK+23, BJyST24, CSCY24, DDG23, ELN+20, JM23b, JW20, KW20, LDW+24, LN22, SCD23]. **constructed** [KKNR21]. **constructing** [Fan23]. **Construction** [ABFPA24, BHDV22, DZ20, JZPG21, LLZ+24, BEIL21, GK21, OF20]. **consuming** [LCT22]. **consumption** [ZL20b]. **contact** [ABC+21, BKT+23, DFK22, HHJO20, HC22b, LSV21, LXH24, VADG22, ZKBC21]. **containing** [KPO20]. **contaminant** [RBSC24, SQC23]. **context** [Gie23]. **Continuous** [ADR24, LdO21, BAKR24, CRM22, CM23, CXXZ23, CG22, DO23, GQZ23, GGRBRG20a, LZFZ22, OKSS21, VSG21, YLWZ20, YWPS24, ZLL20, ZL23c]. **Continuous/discontinuous** [LdO21]. **contour** [MZWD23]. **Contraction** [YKMZ21, NNT22]. **contrast** [BHD+21, CCH24, GML+20, vtWHG+22]. **contrasts** [YWZ+23]. **control** [AFS24, AS23, AGM+22, BHS20, BGZ22, BJyST24, CSB+21, CRRS21, CDM24, CSCY24, CEB24, DE22, DSR23, DH23, ELN+20, FLW20, FF24, GS22, GP23, GS23, HHM21, HJ23, Ila20, KUK20, Kar24, KPS23b, KN20, KVV23, LLSY24, LCW22, LAL+24, LC23b, LC21, Man24, MP23, NE22, NM23b, RGS+20, SW20b, TS21, TKK23, WLX22, WZD24, WWLG24, XW24b, YY20a, YL20b, YTH+21, YWPS24, ZCL20, ZL20b, ZC22, ZZH23, ZWS22, ZWW+23]. **control-net** [MP23]. **controllability** [KPJ22]. **controller** [BMS22]. **controlling** [YY20b]. **convection** [ACXI24, ÁCS22, AN23, BRÁ+20a, CGGY23, CZ23, CMR22, CEL20, CSS23, EBDY22, FZDS22, GO20, HHM21, HDWL24, HYJ20, HRvdZ20, Ima20, Jha21, JWR+23, JMN22, KSJ23, LLD23, LD21, LL22b, LS23, MZ23a, MN21, MN23a, PXLY23, QFL23, RL20, RST+22, RR22, SG23, SB24a, SADW21, SSY22, SL20, SZ24, SSD23, SBH+21, SR24, TWH+22, VR20, VBDR24, WX22, WZCS20, WCY+24, XFLZ22, YA23, YH21a, YZ21, YZJ+22, YWPS24, ZL22a, ZF22, ZZ23a, ZWCS20, ZSPW20, ZZB20, ZK21]. **convection-cooling** [HHM21]. **convection-coupled** [ZK21]. **convection-diffusion** [CSS23, Jha21, MN21, RR22, SG23, SR24, VBDR24, WCY+24, ZZ23a]. **convection-diffusion-reaction** [SSY22, YH21a]. **convection-dominated** [CGGY23, FZDS22, SZ24, VR20, XFLZ22]. **convective** [BWZ22, BAB+20, GS22, GCC20, KUK20, LZ20a, LZS23, OAA+22, TSARR21]. **convective-like** [GS22]. **Convergence** [AEZ24, BAKR24, BC20b, Che24, Cos23, DD20, DW20, FS21a, GB23, HHNV23, KSJ23, KTY24, LXZ23, MCD23, NT21,

NCRGVR21, PFCZ23, SMV+21, ZHH21, BHPD23, BB23a, Bot20, Bra20b, DG22a, DSL24, EGP20, FP20, GDŁW23, HH21, HH22, HC22a, He23a, HIP23, HGW21, HZA22, HJXW23, KP20, KWLW24, Ku24, LSW22, LLD23, MI20, PS22, SGZ+23, SQL21, UHLZ24, WM23, YPZ+21, ZZ24a, ZHZ23]. **convergent** [MKS+21, PS20, PSDP22, SG23, TPA24, WLL23, ZC22]. **convertible** [LZ20d]. **Convex** [SS24, Bar21, BKW22, Boł22, CK23, Haj21, LS22b, LLJ23, Par22a, RGL22, SJZ22, WL20, XLLA20, ZZW20]. **convexification** [LLN24]. **conveying** [ANH+21]. **ConvLSTM** [CYY+21]. **Convolution** [ES20]. **Convolutional** [Dai22]. **cooling** [DKV21, HHM21]. **coordinate** [CFT+23, Fan23]. **coordinates** [JRu24, LLZ+24]. **copolymer** [WZY22]. **core** [Fia21]. **Coriolis** [ANH+21]. **corner** [CKBK24, KPJO22, ZL20b]. **Corrected** [LS22a, FZDS22]. **correcting** [Agg20]. **correction** [GJS20, LYAZ20, Loh21, RL23, SLUW+21, YCCW24, ZSF23, ZST22]. **corrections** [Zhe22]. **Corrector** [KMS20, LS20, LZ20d]. **correlations** [HSZ22]. **corresponding** [KPJO22, STO22]. **Corrigendum** [LZW21a]. **cost** [CBŁP23, LM24, TZ20, Wol20]. **costly** [YYY+20]. **Couette** [KARS23]. **counter** [SB21]. **counter-flow** [SB21]. **counterparty** [ASSV20]. **couple** [JSSS24, YY23]. **Coupled** [CRDS20, AZY22, AAK24, BML22, BBK21, BKT+23, BBDM21, BAB+20, CTGR24, CG21, CLR23, CO20, CFT+23, CCGRL21, DFS21, DK23, FKW22, FCFW21, FCF22, GM21a, GOV20, GV21, HWZQ23, HKM21, HBC+21, HKL+23, JJZ21, JWR+23, KWLW24, KOMK20, LD22, LH23a, LZBC24, MJRM20, MA22, NSRI24, OCCM21, PL24, RLSC23, SCD23, SXCB24, SSdA20, SMR24, SR22, SZCW24, TA22, WYS+20, WZY22, WR23, WCZ24, WH20, WCH23, ZR22, ZL23a, ZSK23, ZSF23, ZZZ24, ZSY22, ZWW+23, ZK21]. **Coupling** [GO23, JM23b, BMP21, BGG+23, BPR22, CWTM20, DNP+22, JWW21a, JM23a, KGW+21, LQLF23, LYAZ20, MMPR20, SGSD20, WCZD20, ZLF+22, ZST22]. **CPINNs** [ZL23a]. **CPU** [DdSP21]. **CPU-GPU** [DdSP21]. **crack** [KPO20, MCZL20, YA21]. **cracks** [BNB20, GNB24, KP22d]. **Crank** [BDF24, GLLZ23, LHN24, LSW20, Li24, LLZL24, RWaZ23, WZ22, ZZH23]. **creation** [Ngu20]. **criteria** [BC20b]. **Critical** [CS22, KJ22, SR20, SSdA20, ZJCG21]. **cross** [AZL20, GSS24, GO20, HH21, HH22, Lob21, SS20, ZJZ24, dCG20]. **cross-anisotropic** [AZL20]. **cross-diffusion** [GSS24, HH21, HH22, Lob21, dCG20]. **cross-field** [ZJZ24]. **cross-ply** [SS20]. **Crouzeix** [CS22, Sau23]. **crucial** [AWA+22]. **cryosurgery** [TK20]. **crystal** [AZY22, JW20, LYP+22, LAX22, LJ24, PHL21, QZH23, YWT22, ZWT23, ZHZ23]. **crystalline** [LQYJ23]. **CT** [YKNS23]. **cubature** [ASV20, ST23]. **cubic** [BNC+23, WLD22, ZC23]. **Cumulant** [EFF21, APGK24, FGK20, PGK20, GCSF21]. **CuO** [CBK24]. **CuO-EG** [CBK24]. **curl** [CWW22, FHH23, KD23, LD24, PV20, TZX23]. **current** [AAC23, BLRRS20, BD23, EP23, OSO+23]. **currents** [CRDS20, GJM22, GDA+22, HKR22]. **curvature** [LF24, LSH21, MHHR20, SP20, XXYL23]. **curvature-driven** [LSH21]. **curve** [BCK24]. **Curved** [LWW24, WKC21, Adj22, ABLS23, DD24, EJWD23, JVBM23, MMP21, WWZ+24, YY23, aKST22]. **curves** [JICRMG+20]. **curvilinear** [GQZ23, JRu24, OR22]. **Cut** [KNBR22, KWM22, KBR20, VSG21]. **cut-cell** [VSG21]. **cVEM** [ABV23]. **cVEM-DG** [ABV23]. **cycle** [SAR20].

cyclic [PRN+23]. **cycling** [SCD23]. **cylinder** [AMPB+22, AGA+21, LML23, SCG23]. **cylinders** [AIG+21]. **cylindrical** [HWZQ23, KHD24, LL22c, YLZL20, ZCA23].

D [BWR21, BHD+21, CSS23, HHL+21, HJ23, Pta21, ŻW21a, ZS21, AADMA23, ACLP22, Ale23, ABL24, Ant21, BWR21, BS23b, BZ22, BGG+20, BDL20, BDF24, Boł22, BZ21, CAD24, CTGR24, CFP22, CQG+24, CWLQ22, CLL+24, DN22, DLC22, DFS21, DC22, EFK+23, FKW22, FMS22, HKJ23, HMW21, HZ21, HJZ23, HQLJ20, HLQ24, HH23, HHR22, HLN24, JJ23, Koc22, KCC20, KR24, LHN24, LL22a, LCT21, LZL+21, LYL+22, LP22a, MZ23a, MZ23b, MKP23, MGA22, OKSS21, Oru20, QP24, RDF24, RL20, SM22a, SN20b, SLGF20, SLYL22, VLD+24, WZY23, WDYZ24, WPLW22, XZT23, YL20a, YLW+22, YZJ+22, YLQ22, YWT22, YJZ20, YW20, ZP24, Zha22c, ZS21, ZMS21, ZNMS23, ZK21]. **D-3D** [Koc22]. **D-based** [MZ23b]. **D-Boussinesq** [BS23b]. **D-heated** [HKJ23]. **D/** [BWR21, ZS21]. **D1V** [RMBC24]. **dABCD** [CSCY24]. **dam** [AS21, YY20b]. **dam-break** [AS21]. **damage** [BT22]. **damped** [AKO21, Ade20, KRO24, WZS24a, YJ24]. **damping** [JZS23, LNNP24, WLZZ22, XZ23, YW20, ZQM20, ZS21]. **Darcy** [BN20, CRF+20, DFSV22, GOV20, Gut20, HKM21, HX22, LYAZ20, LD22, QHHW20, QWC+23, QC24, SR22, TKK23, WDZ21, WCH23, XHL24, ZL20a, ZHW20]. **Data** [FWLD22, LWZ22, WZY23, ADR24, ABC+22, BBS22, IJS+24, KMZ22, KLK+22, LNT22, LK20, LWX21, PWMC23, PSDP22, Pło22, PT24, SXKL24, TVKN21, UHP23, WZT23, WLW+22, ZF22]. **Data-driven** [FWLD22, LWZ22, WZY23]. **Date** [Waz20]. **DDFV** [IQS20]. **DDM** [ZSPW20, ZLW23]. **de-icing** [BTCV20]. **deal.II** [ABD+21]. **deblurring** [BML22]. **Debye** [BNSZ24]. **decay** [DZ21, HGW18]. **decaying** [LZ20c]. **December** [Ano20-61, Ano21-53, Ano21-50, Ano22-59, Ano22-69, Ano23-72, Ano23-70]. **decompose** [RGL22]. **decomposing** [Zdu21]. **Decomposition** [LHH22, AS21, AMV21, APS21, BDB21, BMVA23, BMST20, CDPL24, DLC22, DZ24, FLS23, FZDS22, Gun22, KCD+23, LQLF23, LXZ23, LC23a, LCE23, PV22, PRN+23, PNT+23, PTNR24, SM22a, SR24, SNHH21, SWC24, SS24, VLD+24, WLQ22, XHM20, ZS21, Zhe22, ZS23b, ZSL22]. **deconvolution** [AL22, BTG24]. **Decoupled** [WZY22, HJM23b, HYLH22, SPC+23, WR23, XHL24, ZD22, ZS23a, ZWT23, Zha22d]. **decoupling** [AZY22, HX22, KKNR21]. **dedicated** [VADG22]. **Deduction** [ZDT+22]. **Deep** [ZWY23, ACLP24, BB23b, CAD24, GHSR23, GZAR23, HLX22, OP24, PSI+24, SGR+23, WZXN21]. **deep-GA** [PSI+24]. **deep-genetic** [PSI+24]. **Defect** [Agg20]. **deferred** [YCCW24]. **defined** [HK22, OR22, SPZL21]. **definite** [MS20a]. **deflagration** [BTYM+21]. **deflagration-to-detonation** [BTYM+21]. **deflection** [AKA+21, KAKK23, YX21]. **Deformable** [KJ22, CRPdT20, MHHR20, SRA20]. **deformation** [BBDM21, SCD23, SRA20, Vah22]. **deformations** [CCX21, GHRD20, SSK+23, ZWW+23]. **deforming** [LR22, OXY21]. **degeneracy** [BCT21, FRW22]. **degenerate** [AGLR21, ASGGRG23, ANZZ23, ACV21, IQS20]. **degradation** [FGG+20]. **degraded** [DH24]. **DeGVR** [PWC+23]. **Deicing** [ZCZ+21]. **DEIM** [CS20a]. **delay** [HZ21, SB24b, WSS22, YGZ+22, ZWS22]. **delay-reaction** [HZ21]. **delayed** [XZSY23, ZW20b]. **delivery** [AEF23, FJP22, PTM+23, YD21, YD23]. **demarcation** [SA24]. **dendritic**

[DMŠ22, LAX22, RST+22]. **denoising** [BML22, HK20a, LP22c, RGL21]. **dense** [GBK23, HLH+20a]. **Density** [PWC+23, GPA21, GML+20, HHNV23, KMZ22, LL22a, NM23a, XTZZ24, YWZ+23, ZTW22, ZDW23]. **Density-extrapolation** [PWC+23]. **density-suppressed** [HHNV23]. **dependence** [BPR22]. **dependent** [AS21, AS23, AL23, AN23, BDV23, BLF23, Bar22, CLH22, CMR22, DLN24, DYZ22, GDA21, GHSR23, Gra21, HJM23a, HYH23, JRu24, JL23, KAKK23, LXH24, LMLZ23, LS23, ŁWP+23, MH22, MMN21, PG21, Pło22, PT24, PTNR24, QX23, QHHW20, RL23, RYAM21, SLW22, SJM24, SC21b, THF20, Wat22, Waz20, YWL21, Yua23, ZA23]. **depletion** [Ngu20]. **deposition** [SADW21]. **derivative** [AZL20, BWZ22, Din21, FSW20, HLH24, HHR22, MR24, SYZ23]. **derivatives** [JBKW23, LLZ20, NS24, Par22b, SHM21, XL24]. **derive** [Zha22d]. **describing** [CMS23, IQS20, LARGVR23]. **Design** [ABD+21, DKV21, HWY23, YPC+21, BC20b, CWLQ22, FLW20, KPO+21, OKSS21]. **detailed** [HEDT20]. **details** [LHC23]. **detection** [KPS23a, MZ23b, MR24, SHQL20]. **deteriorated** [SM22b, ZYW20]. **Determination** [AL23, QX23]. **determine** [LNNP24, Ngu20]. **determined** [LNT22]. **deterministic** [BKK+23]. **detonation** [BTYM+21]. **Developing** [HLY22]. **Development** [KTFI23, SK23, XXAD21, Din21, KP22b, MJRM20]. **developments** [BBD+21a]. **device** [LCH23, SJ23]. **devices** [HWY23]. **DG** [ASGGRG23, ABV23, BFE+21, HFG23, Kim21, Med23, Orl23, PSSW20, SK21, WCH23, Yua23, ZPK22]. **DG-DGLM** [Kim21, SK21]. **DGFEM** [HHR24, PS20]. **DGLM** [Kim21, SK21]. **diabatic** [SB24a]. **diagonal** [LC23b, XW24b]. **diagonalization** [YW24]. **Diagonalized** [YM23]. **diamond** [LD23, QP24]. **dielectric** [BHD+21]. **diesel** [SB24b]. **diffeomorphic** [HJZ23]. **Difference** [BWR21, BGG+20, NAE22, AS20, AKO21, ANZZ23, AJ23, AAWJ20, BWZ23, BZ20, BDB21, CT22, CLL21, CLLG23, CCWS20, CTZ22, Der23, DAS20, EH23, FHM21, FS21b, GDA+22, GLLZ23, GCMS21, GWYR22, HLH24, HC22a, HLCW24, HYW+24, HGW21, HQL23, JM20a, JM23b, JZ20, JHG+21, JL23, JBKW23, KSS22, KK23a, KC22b, KTY23, KMP20, LHN24, LZ20b, LZ22, LC23a, Lob21, LCT22, MFZX23, MC24, MLS22, MKP23, QD23, QQX21, QSL23, RST+22, SG23, SQL21, SZ24, SLGF20, ST20b, SLYL22, TRL23, TGARGT+23, VL21, WZZ20, WS21a, WC21, WZ22, XZ23, XZ24, XLLA20, YQZT21, YL22, YWT22, YLL24, Yan24, ZTL22, ZAH23, ZLL23, ZLJT20, ZL22b, ZX20, ZSPW20, ZZB20, ZZFL21, ZAPK23]. **difference-Legendre** [Der23]. **difference-proper** [LC23a]. **difference-spectral** [BWZ23]. **difference/finite** [XLLA20]. **difference/generalized** [GCMS21]. **difference/Kansa** [YLL24]. **difference/spectral** [MC24, ZLJT20]. **differencing** [FX22]. **different** [ADL+21, CQG+24, HHR+20, LZY24, QWC+23, WSGT21, YZ21]. **differential** [ABFPA24, AMM23, ATBT20, BCCR20, BHD+21, BHDV22, CDLW20, Che24, CKS22, CMM23, CP21, Dai22, Din21, FS21b, GKHU22, GAM24, He23a, HZW21, HHL22, JICRMG+20, KSS+20, KSSS23, LMLZ23, MCW21, MN23b, NSRI24, OP24, PSI+24, SMDC23, SR23, SKG24, SZ21, TQX23, TFWX23, TBO20, Ull20, WCL20, WL22, WYHQ24, hWCsLjH21, YTT+22, YLCC21, YWPS24, ZA23, ZX20, ZWS22, ZQS24]. **differentiation** [MM21, ZKTK21]. **diffraction** [GMS23]. **diffuse** [KP22b, SWWZ23, ZHHL23, ZGW23]. **diffuse-interface** [SWWZ23]. **Diffusion**

[RNN22, AD20, AM23, ACV21, ABL24, AN23, AN21, BHJ22, BS23a, BIMS24, BKM23, BMK21, BHL24, Bra20b, CY23, CS20b, CLZW20, CLYH22, CMR22, CL24, CSI23, CL21, CEL20, CSS23, DSS20, DPP21, Der23, DHVT20, DWS20, DAS20, DC22, DH24, EFFR22, FKW22, FC24, FSW20, FZS22, FZDS22, Gal21, GSS24, GP22b, GHH20, GM22, GCMS21, HZ21, HLW23, HLMM20, HH21, HH22, HM20, HZR23, Hoa22, Hof20, HDWL24, HRvdZ20, HS20, HQL23, Jha21, JWZ22, JAHM23, JHG+21, JWR+23, JMN22, KSS22, KYY+20, KC22b, Krz22, KSJ23, KP23, KC23b, LPK22, LWX20, LLW20, Li20, LD21, LL22b, LCW22, LH23a, LXY23, LDW+24, LY21, LYL+22, LMZ23, LYZ23, LLXY23, LZS23, LZ23, Lob21, LMMMP20, ŁSSP23, LP22c, LD23, MFZX23, MZ23a, MC24, MJRM20, MMC21, MI20, MMAK20, MMAK21, MRPK21, MN21, MWY23, MN23a, MRP20, ND21].

diffusion [NY22, NFS24, OTC24, OAH+24, PXLY23, PQSM21, PH23, QFL23, RNMÖX24, RL20, RGL21, RR22, SM22a, SG23, SSY22, SM23, SMV+21, SHM21, SGZ+23, SSW20, SZS20, SQL21, SQ23, SDG20, SCG23, SZ24, SSD23, SN20b, SR24, SXLZ21, SHT+24, TH23, TZ20, Top22, TH21, TZ21, TTKV20, VR20, VBDR24, VJH23, WS21a, WML21, WC21, WLX22, WDYZ24, WLW+22, WKGH21, WZCS20, WSS22, WLQ22, WCY+24, Xen20, XHY21, XLS22, XSZ+23, XZSY23, YH21a, YZT21, YGZ+22, YCCW24, YEO21, YFK20, YFK23, YYSL20, ZM20, ZJJ20, ZHYL21, ZFL22, ZDWR22, ZYTX22, ZL22a, ZF22, ZAH23, ZZ23a, ZWCS20, ZJCG21, ZSPW20, ZZB20, ZW21b, ZXQQ22, ZLW23, ZZW23, ZHPW23, ZZFL21, ZW20b, dCG20].

diffusion-based [LP22c].

diffusion-reaction [GP22b].

diffusion-wave [Bra20b, Der23, HZR23, JHG+21, KP23, KC23b, SM23, SCG23, ZAH23].

diffusion/Burgers [JWR+23].

diffusions [ZLQ23].

diffusive [ÁCS22, BT22, HB24, HSWG21, KP22a, SB21, SSW20, SW24, SHT+24, YZ21, YJL22].

diffusive-viscous [HSWG21, SW24].

diffusivity [LL22b].

digital [KLRT21].

dilatable [BBS21].

dilute [SRP21].

dimension [ČPPŠ20, HLW24, Koc22, LLZL24, RTA20, XFS23, XWXF23, ZHPW23].

dimensional [AM23, AMN22, BV23, BZ20, BBK24, BABS20, CBŁP23, CO20, CLL21, CLLG23, CDLW20, CDM24, CZ20, CYQW21, CL21, CHL21, RFG+21, DHW20, DZ22, Der23, DGQT20, DAS20, EH23, FX22, GWN21, GCMS21, HZ24, HM20, HZR23, HYW+24, HGW21, HJXW23, HQL23, HHG20, HA23, Ila20, IZ20, JRu24, JJZ21, KSS22, KK23a, KG20a, Kim21, KLK+22, KP23, LNNP24, LZ20b, LGQZ21, LSRL24, LFY+20, LFY+21, LRZ23, LLJ23, MFZX23, MB24, MMC21, MR22, Mit22, MN23b, NML23, Oru22, PSI+24, QQX21, QGQ22, QX23, QSL23, RZSL23, RG21, RLSC23, RR22, SB24a, SJ24, SSD23, ST23, SU23, SXLZ21, SWC24, TO20, TQX23, TH23, TVKN21, Ull20, Vis24, WFH+20, WTSZ20, WC21, WXF22, WZ22, WQ24, Waz20, WTQ+20, WCW20b, WWH23, XLLA20, XLS22, YQZT21, YLL24, YTT+22, YFK20, YLWZ20, YWPS24, ZM20, ZCYL24, ZLPR20, ZJJ20, ZLT+21, ZZL22, ZZL23, ZZS23].

dimensional [ZLL20, ZZ20b, ZL23c, ZSW23, ZLJT20, ZZB20, ZSL22, ZWY23, ZZFL21].

dimensions [GLL+20b, KRO24, MMPR20, NW24, QXCG20, RZC21, WYHQ24, WN24, ZW21b, aKST22].

Dirac [FLOQ21, HMW21].

Direct [AD20, AHP20, APGK24, BBS21, PWWJ23, AAA24, BS23a, BS23c, CHY21, CL22b, CPBF21, GF21, LFGZ23, NE22, WWQ20, XL22, Zdu21, DKH22].

direction [LWL+20, LYL+22, LMMMP20, OAH+24, QXCG20, WC21, YQZT21, ZX20].

Directional [BIMS24]. **directions** [MAT+20, QP24]. **Dirichlet** [DDNS21, DH23, GP23, GS23, Gut20, LC21, MM21, MK20, SM23, SGSD20, WSO+23, ZLQ23]. **Dirichlet-to-Neumann** [MK20]. **discharge** [YTT+22]. **discontinuities** [SHT+24]. **discontinuity** [WZT23]. **Discontinuous** [BDG21, CO21, GHMD22, GRR20, KC21, LZBC24, NAS20, WLX22, ZQM20, ADB+22, AMV21, AFV22, AMM23, AN21, BNSZ24, BGR23, BZ23, BKB22, BS23c, CY23, CHY21, CLR23, CLRT24, CRM22, CM23, CHD24, CLYH22, CZLQ22, CXXZ23, CMR22, DW20, Haj21, HWW21, Hop23, HYJ20, HHW21, HA23, KSS22, KCW22, Kar24, KPS23b, KJN21, KGJN24, KBB+21, KWS21, LMD22, LdO21, ND21, Nie23, NERB+22, PV22, RZC21, RZSL23, RWaZ23, RHR+21, SGZ+23, SSW20, SCdH21, SR22, Sto20, SW24, WLX20, WaZWZ23, Wie23, WKC21, XL22, YH21a, YZN22, YEO21, YYSL20, YH21b, ZH20, Zha22b, ZQY+23, ZXXX23, ZPC20, ZPC22, PDB22]. **Discovery** [WZT23, WZY23]. **Discrete** [BV21, LLZ+23, SCCS21, WZCS20, AGLR21, AZY22, BNV22, BGR23, BFI+23, CS20b, CL22a, CHZ23, CG22, DN22, DFHT21, DD22, FdOS20, GGRBRG20b, GGRBRG20a, GSRG21, HYH23, JH24, KF22, LZJC21, LMLZ23, LZY24, PT24, RDP20, SSW20, TWH+22, TPOT20, TVKN21, WDYZ24, WCY+24, XP22, YJL22, YYY+20, YTH+21, ZL20b, ZLQ23, ZZZ24, XGL21]. **discrete-phase** [ZL20b]. **discrete-time** [ZLQ23]. **discretely** [EKB20]. **discretisation** [BTG24, HS20]. **discretisations** [BBD21b, LMBB24]. **discretised** [MCK+23]. **discretization** [AMV23, BHJ22, Bal21, BLO22a, BFVY23, BBDM21, BCCR20, Bra20b, Cos23, DSS20, Gal21, HC21, HZJ+22, JH24, LSV21, LQLF23, LWX20, LQ20, LP22a, MN21, MWY23, MS23, PS21, Pon20, PZZ23, SQC23, SQ23, TCW23, Wie23, WLQ22, YS23, ZHW20, dlRGR20]. **discretizations** [AD21, BHPS24, Bar21, BHZ20, BBK21, BZY20, BMvdZ21, CPS21, DD21, DS20, EFK+23, Haj21, HLPW22, KCD+23, LD22, NERB+22, Orl23, PS22, SW21, TZ21, dlRRG21]. **discretized** [ADR24, BHS20, BM20, NH24, SXKL24, VLD+24]. **diseases** [THF20]. **disk** [MM21, MLHS23, SN20a]. **disparate** [MLJ+20]. **disperse** [XGL21]. **dispersed** [MR22, Mit22]. **Dispersion** [KG20a, Ale23, HNLPP20, JFS20, SRP21, WCH20, WSGT21]. **dispersive** [BWR21, NS20, ZAPK23]. **displacement** [CXXZ23, SR21, WCH20, YZN22, ZR23, ZH20]. **disrupted** [TGL21]. **dissimilar** [MGA22]. **Dissipation** [WFH+20, AIG+21, CCF+21, DZ22, LCT22, PM23, WSCP24, ZWMF24]. **Dissipation-preserving** [WFH+20]. **Dissipative** [Bal21, PZL23, ABV23, Lee20, ST22]. **dissolution** [SGJJ20]. **distance** [WDGS23]. **distances** [MJR20]. **distorted** [WLQ22, ZSY22]. **distortion** [EAM20]. **distributed** [BHS20, BJyST24, CL21, Der23, GLL+20b, GF21, GCMS21, IJS+24, JWZ22, JHG+21, Kar24, KSS+20, KSSS23, LLSY24, Nag24, PWMC23, QXCG20, SKG24, TQX23, WLX22, YCZ+21, YFK23, ZM20, ZFL22, ZLJT20, ZWS22]. **distributed-order** [CL21, Der23, GLL+20b, GCMS21, JWZ22, JHG+21, QXCG20, SKG24, TQX23, YCZ+21, ZM20, ZFL22, ZLJT20]. **distribution** [CBI+23, DKH22, HRS20, LXJ+21, LLZ+23, XLZ+21]. **distributional** [BLO22b]. **distributions** [SS21, SS24]. **disturbance** [WWLG24, ZWW+23]. **div** [CWW22, HJM23a, HJ24, JZS23, KD23, LXRQ22, LD24, LH23b, PV20, QHHW20, WCH23]. **div-curl** [CWW22, LD24]. **divergence** [BHK+24, EKB20]. **divergence-conforming** [BHK+24]. **divergence-free** [EKB20]. **divergent**

[MKS+21]. **DLN** [CQG+24]. **DM** [JYHS23]. **DM-TS** [JYHS23]. **DMD** [AMS24]. **DMLPG** [AD20, Ila20]. **DMRT** [SADW21]. **DMRT-LBM** [SADW21]. **document** [DH24]. **Domain** [AMV21, BWR21, SNHH21, Zhe22, ADD22, APS21, BMVA23, BMST20, Bot20, CFP22, CCX21, DLC22, DZ24, FLS23, FZDS22, GMS23, JZXR24, KP22c, KWK24, KCD+23, KFD+20, Leg21, LXZ23, LZA23, LCE23, LLJ23, nMjWlS24, MGA22, PG21, PWMC23, PNT+23, PTNR24, PZZ23, RLVR21, RLF21, SR24, SGSD20, VLD+24, WLQ22, XHM20, Zdu21, ZYC+24, ZS21, ZCA23, ZS23b, ZSL22, ZY21b, ZAPK23]. **domain-decomposition** [PNT+23]. **domain-free-discretization** [PZZ23]. **domains** [AD20, BDV23, BL20, CK23, DK23, FMS22, FH21, GP20, GCMS21, HK22, JVBM23, KBR20, KTY23, LLW20, LYRW21, LSRL24, MSHB22, XHY21, XLLA20, XLCP20, YK20, YW24, ZLT+21]. **dominated** [CGGY23, FZDS22, KSJ23, ŁSSP23, QFL23, SZ24, VR20, XFLZ22]. **Double** [RYAM21, ÁCS22, DFHT21, EJWD23, HWZQ23, KC23a, NSMM21, SXCB24, WSS22, YZ21, ZZZC24]. **double-diffusive** [ÁCS22, YZ21]. **double-lid-driven** [ZZZC24]. **doubly** [MMP21, WS20b]. **DPG** [BDMX21, BHPD23, DZ20, DGK20, DS22, FH21, Füh21, FHH23, FF24, HD21, LD21, LD24, MN21, PD21, RH21, RMBC24]. **DPG-star** [DGK20]. **DPSS** [CSS20]. **drift** [JAHM23]. **drift-diffusion** [JAHM23]. **driven** [ACXI24, ACV21, AA20, BP20, EGP20, FWLD22, HBC+21, JWW21a, KC23a, LSH21, LWZ22, MW20, MKAM20, PCC21, WX22, WZY23, WZT23, WKGH21, ZZZC24, ZCZ+21]. **DRM** [Sch21]. **drones** [JJOG20]. **drop** [NM23a]. **droplet** [ADL+21, HKL+23, Vah22, WZXN21]. **Drug** [AEF20, AEF23, BFRA21, FdOS20, FJP22, FGG+20, PTM+23, SAVHB22, YD21, YD23]. **DSA** [PS20]. **DSSR** [NHCJ22]. **DtN** [WDYZ24]. **DtN-type** [WDYZ24]. **Dual** [OTC24, ABC+21, CLRT24, GDA21, GAM22, HXZ+22, JZPG21, Ku24, LXRQ22, LFGZ23, LZBC24, LYRW21, QQY+23, WW20a, WZ21, ZYC+24]. **Dual-grid** [OTC24]. **dual-level** [LFGZ23]. **dual-mixed** [GDA21, GAM22]. **dual-phase-lag** [LYRW21]. **dual-porosity** [QQY+23]. **dual-porosity-Brinkman** [LZBC24]. **dual-porosity-Stokes** [CLRT24, LXRQ22, WZ21]. **Duality** [PR20]. **Duality-based** [PR20]. **duct** [AA20, MKS+21]. **due** [KK23a]. **DuMu** [KGW+21]. **Dune** [BBD+21a]. **Dupuit** [Bou24]. **during** [AOL22, BGG+23, BNC+23, BPID20, ISA24, PTM+23, TK20]. **dusty** [CBK24]. **dynamic** [Alt23, BT22, Cao21, CRPdT20, CDPL24, Hop23, Li21, Nag24, SMV+21, SYHN24, SZCW24, WYS+20, ZDW+20]. **dynamic-Immersed** [CRPdT20]. **Dynamical** [MRP20, CHJR21, LHC23]. **dynamics** [ADB+22, ANH+21, AMS24, ERG+24, GV20, HKL+23, JM20b, Kar24, LLW20, LWZ22, PTNR24, RNMÖX24, SPC+23, WLD22, YZJ+22, ŻW21a, ZDLC22, ZZZ24, ZJCG21].

Easy [LST22]. **economic** [AGM+22, dCG20]. **Eddy** [BD23, SGF+21, BLRRS20, EP23, GJM22, HKR22, MKS+21, PZZ23, SQB22]. **Eddy-current** [BD23]. **edge** [AAG22, ASV20, GK21, LMZ23, PND+24, RGL21, SHQL20, ZDLL22, ZLD+23]. **edge-centered** [LMZ23]. **edge/node** [PND+24]. **edge/node-based** [PND+24]. **Edged** [YCL20]. **Edged-based** [YCL20]. **edges** [GQZ23, KTY24, TSARR21, TKK22, WWZ+24]. **Editorial** [Lop22, Ano20a, Ano20b, Ano20-27, Ano20-28, Ano20-29, Ano20-30, Ano20-31,

Ano20-32, Ano20-33, Ano20-34, Ano20-35, Ano20-36, Ano20-37, Ano20-38, Ano20-39, Ano20-40, Ano20-41, Ano20-42, Ano20-43, Ano20-44, Ano20-45, Ano20-46, Ano20-47, Ano20-48, Ano20c, Ano20d, Ano20e, Ano20f, Ano20g, Ano20h, Ano20i, Ano20j, Ano20k, Ano20l, Ano20m, Ano20n, Ano20o, Ano20p, Ano20q, Ano20r, Ano20s, Ano20t, Ano20u, Ano20v, Ano20w, Ano20x, Ano20y, Ano20z, Ano21a, Ano21b, Ano21-27, Ano21-28, Ano21-29, Ano21-30, Ano21-31, Ano21-32, Ano21-33, Ano21-34, Ano21-35, Ano21-36, Ano21-37, Ano21-38, Ano21-39, Ano21-40, Ano21-41, Ano21-42, Ano21-43, Ano21-44, Ano21-45, Ano21-46, Ano21-47, Ano21-48, Ano21c, Ano21d, Ano21e, Ano21f, Ano21g, Ano21h, Ano21i, Ano21j, Ano21k, Ano21l, Ano21m, Ano21n, Ano21o]. **Editorial** [Ano21p, Ano21q, Ano21r, Ano21s, Ano21t, Ano21u, Ano21v, Ano21w, Ano21x, Ano21y, Ano21z, Ano22a, Ano22b, Ano22-27, Ano22-28, Ano22-29, Ano22-30, Ano22-31, Ano22-32, Ano22-33, Ano22-34, Ano22-35, Ano22-36, Ano22-37, Ano22-38, Ano22-39, Ano22-40, Ano22-41, Ano22-42, Ano22-43, Ano22-44, Ano22-45, Ano22-46, Ano22-47, Ano22-48, Ano22c, Ano22d, Ano22e, Ano22f, Ano22g, Ano22h, Ano22i, Ano22j, Ano22k, Ano22l, Ano22m, Ano22n, Ano22o, Ano22p, Ano22q, Ano22r, Ano22s, Ano22t, Ano22u, Ano22v, Ano22w, Ano22x, Ano22y, Ano22z, Ano23a, Ano23b, Ano23-27, Ano23-28, Ano23-29, Ano23-30, Ano23-31, Ano23-32, Ano23-33, Ano23-34, Ano23-35, Ano23-36, Ano23-37, Ano23-38, Ano23-39, Ano23-40, Ano23-41, Ano23-42, Ano23-43, Ano23-44, Ano23-45, Ano23-46, Ano23-47, Ano23-48, Ano23c, Ano23d, Ano23e]. **Editorial** [Ano23f, Ano23g, Ano23h, Ano23i, Ano23j, Ano23k, Ano23l, Ano23m, Ano23n, Ano23o, Ano23p, Ano23q, Ano23r, Ano23s, Ano23t, Ano23u, Ano23v, Ano23w, Ano23x, Ano23y, Ano23z, Ano24a, Ano24b, Ano24-27, Ano24-28, Ano24-29, Ano24-30, Ano24c, Ano24d, Ano24e, Ano24f, Ano24g, Ano24h, Ano24i, Ano24j, Ano24k, Ano24l, Ano24m, Ano24n, Ano24o, Ano24p, Ano24q, Ano24r, Ano24s, Ano24t, Ano24u, Ano24v, Ano24w, Ano24x, Ano24y, Ano24z]. **Effect** [OCCM21, PGR23, SBH+21, AAC23, AAG22, DKH22, JWW+21b, SADW21, SGAC+20, SP20, Vah22, WLZZ22, YLZ20a, YWZ21]. **Effective** [MR22, Mit22, HK20a, SB21, SHD23, WH21, XXYL23]. **Effects** [KRESA21, MHHR20, SRA20, ZDLL22, ZLD+23, HKL+23, WZCS20, XXYL23, YD21, YD23]. **efficiency** [GDA+22, KCC20, TL22]. **Efficient** [AJ23, BHJ22, BHK+24, BM20, DE22, DBB23, EP23, FCFW21, HKS21, HC22a, JMM20, KRO24, LF24, LCH23, LP22c, MC24, NCCD24, PCC21, XFS23, XZ23, YW24, ZZFL21, BV23, BMP+24, CDM24, CWX22, DLC22, DNP+22, GP22b, GLLZ23, HKR22, HH23, JVBM23, JSSS24, JWR+23, KTFI23, KR24, LYAZ20, LZ20b, LAX22, LC23a, LS20, LS23, LMST20, LST22, LAB23, MJR20, MWRA22, Rav20, RTA20, RGL21, SMS23a, SPZL21, TK20, WCL20, WXF22, WYP23, WYT23, XL22, XWXF23, XLS22, YQZT21, YTK21, YA21, YHF24, ZWT23, ZSPW20, ZXQQ22, ZLW23]. **Efficiently** [DZ22]. **efflux** [JJ23]. **EG** [CBK24]. **Eigenanalysis** [NERB+22]. **eigenproblem** [Med23]. **Eigenproblems** [Hak24]. **eigenvalue** [AMV23, BKW22, BB21, BBG23, BZY20, CGM+20, ERG+24, KMZ22, KBW23, PN24, QV22, STO22, TCA22a, Tür20, XXLS23, YDY+23, YM23, ZY21a, ZH23a]. **eigenvalues** [Ant21, DV22, RTA20, WBY23]. **eighth** [BZ20]. **eighth-order** [BZ20]. **eikonal** [HMF24, LQ20]. **Einstein** [GM21a, WTQ+20, XHM20]. **elastic** [AA21, ADD22, EJWD23, HLQ24, HMX21, WF24, YLW+22, YLZL20, YLFL20, YYY+22, ZH23a]. **elasticity**

[AHLZ24, ARV23, BHK+24, BB21, CXXZ23, CS23a, CPS21, CLL+24, DGQT20, DFGS24, DSL24, GENRB21, HWL+20, HLW21, HWWZ24, Med23, Nag24, RR23, SDJ+22, TLZF20, Vis24, WCW20b, Yu23, ZR23, Zha22c, Zha24]. **elasticity-poroelasticity** [BHK+24]. **elasto** [PRN+23]. **elasto-plasticity** [PRN+23]. **elastodynamic** [ABC+21, CHZ23, KCC20]. **elastodynamics** [FMS22]. **elastoplastic** [BZ21, GM21b]. **electric** [CRDS20, FSH+23, KTY24, YLZL20, ZS23a]. **electric/magnetic** [YLZL20]. **electrical** [CEB24, KLRT21]. **electrically** [Du24]. **Electricity** [FGK+21]. **Electrified** [AAS+20]. **electro** [AA21, ASH+21, EJWD23, WLZZ22, YLZL20, YLFL20]. **electro-hydrodynamics** [ASH+21]. **electrodes** [PCM20]. **electrolysis** [SRP21]. **electrolytes** [HSZ22]. **electromagnetic** [AAA24, BHDV22, FLW20, GPRH+24, LSV21, TPA24]. **electromagnetics** [PD21]. **Electromechanical** [MKM+24]. **electronegativity** [LXJ+21]. **electroosmotic** [AA20]. **electroporation** [SAVHB22]. **electrostatic** [HSZ22]. **Element** [BL20, BDG21, BBS21, BLMV24, CO21, DFS21, HNLPP20, HMX21, KC21, KCC20, NCRGVR21, SBMS22, XGL21, dVDR20, ADKH20, AGLR21, AN20, AMN22, AMV23, Adj22, ACLP22, ADFP23, ÁCS22, AZY22, AZHY22, ACRBT23, AAB+21, AJK23, AMV20, ABD+21, AGPP22, AN23, AAM+24, BDV23, BIMS24, BLF23, BGR23, BS23b, BM20, BHZ20, BW21, BJG23, BB23a, BMPP22, BER21, BNC+23, BZY20, BBS22, BCF+23, BMvdZ21, CWZ21, CAD24, CCW22, CM21, CCGI23, CGM+20, CM23, CLZW20, CLYH22, CWC22, CHL22, CLH22, CLZ23b, CHZ23, CS23a, CKBK24, CCWC23, CRF+20, DLN24, DS20, DFSV22, DV22, DG22b, DD20, DE21, DGQT20, DDG23, DK23, DWS20, DTV20, DH23, DZ24, Du24, DBB23, EAM20, ERG+24, ELS24, FSS+20, FHM22, Fia21, FCFW21, FP20, GLL+20b, GQ23, GNZ24, GP23, GOV20, GORBS21, GPY22, GDA21, GNB24]. **element** [GENRB21, GCC20, GSW21, GQZ23, GS23, Gun22, GB21, GB23, GXFT23, GO23, HC21, HKJ23, HZ21, HZJ+22, HJM23b, HH21, HH22, HLX20, HQLJ20, HSZ22, HWY23, HLQ24, HV21, HBC+21, HYLH22, HX22, HHL+21, HS20, HXZ+22, HLY22, HAC23, HWWZ24, JVBM23, JZPG21, JM23b, JMM20, JZS23, KHD24, KBR20, KJ21, Kei21, Ku24, KSJ23, KC23a, KD23, KTY24, LLSY24, LS22a, LP21, LP23, LLD23, LL21b, LWSZ21, LZ21, LZJC21, LD22, LL22a, LZA23, LWW24, LLZL24, LHF24, LR23, LC23b, LX24, LFY+20, LD20, LS21, LY21, LN21, LSWY21, LSGN23, LGZC23, LLXZ23, LS23, LZ23, LLW+23b, MCD23, MGD23a, MCD24, MMN21, MSHB22, Man24, MI20, Mas23, MA22, MKM+24, MZ23b, MLLL24, MN23a, MKP23, MS22, MS20b, MCV24, NC20, NNNT22, NP24, NY22, NFS24, NW24, NML23, OXY21, OR22, OSZ22, PS22, PG21, PZL23, PND+24, QXCG20, QS20]. **element** [Qiu21, QQY+23, RS21, RL23, RR23, SM22a, SR23, SPC+23, SL20, SL21, SJ21, SJ23, SL24, SQ24, SWW22, SGR+23, SR21, SR22, Sto20, SS21, SWZC23, TLZF20, TA22, TCW23, Top22, TKK22, TKK23, VBDR24, VJ22, WYH20, WW20b, WW20a, WWW21, WXZW21, WML21, WDZ21, WCWZ22, WWL22, WL22, WWS23, WGC23, WZD24, WZS24a, WSCP24, WYW+24, WLW+22, WWCJ23, WHC24, WH20, WHH22, WN24, WLQ22, XXLS23, XLLA20, XP22, YPC+21, YA23, YL20a, YLW23, YJ24, YWL21, YWZ21, YZZ20, Yu23, YW24, ZLYL20, ZWOM21, ZR23, ZD21, ZH20, ZL20a, ZHYL21, Zha22b, ZD22, Zha22c, ZF22, ZS23a, ZH23b, ZQY+23, ZZH23, ZZ23a, ZSF23, ZZ24b, ZZ24a, ZXZF20, ZSW23, ZS21, ZS23b, ZCW24, ZW20a, ZW21b,

ZXQQ22, ZST22, ZZW23, ZH23c, ZZS24, ZHW20, ZX22, CLL+24, DD24, KNBR22]. **element-free** [HBC+21, LL21b, MCD23, MCD24, YL20a, ZL20a]. **element-projection-proximal** [LC23b]. **element/level** [NC20]. **elements** [AS21, ASV20, BNV22, BHS20, CS22, CHL21, DMRV24, DFGS24, EJR24, Fan23, FS21a, FK21, GK20, GLC24, Hak20, Hak24, HWL+20, HSM+23, HHL+21, JMM20, KK21, Lee21, LWW24, LLZ+24, NT21, Pta21, Sau23, Vis24, YHZ22, YKNS23, YZW+22, ZMS21, ZNMS23, ZK21, dVDMM22]. **elements-based** [AS21]. **Eliminating** [HRvdZ20]. **elimination** [ST23, ZLJ+22]. **elliptic** [AN20, BHS20, BBI+22, BMVA23, BB23b, BX20, BJyST24, CAD24, CHY21, CCW22, CD20, CGM+20, CLZ23b, CSCY24, CCWC23, CV20, CSS23, CNT23, DS20, DE21, EJR24, FHM22, GP22a, GB21, GB23, GXFT23, HLX20, HHL22, JK22, KC22a, KJN21, KD23, LLSY24, LNF24, LNT22, LG23, LQW22, LC23b, LS21, LC21, LC22, Men22, MD21, MN23b, NT21, PK23, QSL23, QN20, STM21, SSD23, SSdA20, TZX23, TKK22, TBO20, WW20b, WW20a, WXZW21, WGC23, WL20, XZT23, XZ24, YLY20, YEO21, ZFZ20, ZC22, Zha23, ZCW24, ZW20a]. **elliptical** [ZH23b]. **Embedded** [ZBCS24, CXXZ23, Koc22, OAA+22, WCW20b]. **emergence** [dCG20]. **emitting** [PH23]. **employing** [ABC+22, SWZC23]. **enclosed** [MSHB22]. **enclosures** [BP20, ZSL22]. **endocrinology** [YKNS23]. **energetic** [ADD22]. **Energy** [GZ23, HZW21, ZWMF24, ANH+21, AJ23, AIG+21, BEKV21, CBI+23, DG22a, DZ22, DK23, DW20, FL22, FZH22, GS22, GGRBRG20b, HKJ23, JWL20, JW20, KTY23, LLSY24, Lee20, LWSZ21, LJ24, PHL21, QH22, QZH23, ySRC22, SZ22b, SQ24, SXKL24, ST22, SWZ23, TRL23, VJ22, WZY22, WYP23, WaZWZ23, WSCP24, WHH22, XKXL22, YWL23, ZL20b, ZO21, ZD22, ZY23, ZS23a, ZDW23, Zha22d, ZHZ23]. **energy-conservative** [YWL23]. **energy-dissipation-preserving** [DZ22]. **energy-dissipative** [Lee20]. **energy-preserving** [AJ23, DG22a, FZH22, SZ22b, SQ24, TRL23]. **Energy-production-rate** [HZW21]. **energy-stable** [CBI+23, GS22, GGRBRG20b, LWSZ21, QH22, QZH23, WaZWZ23, ZS23a, Zha22d]. **Enforcement** [KC21]. **Enforcing** [HK22]. **Engineering** [JKL20, DG22b]. **Enhanced** [FCF22, XTZZ24, AEF23, CCG+23, CEB24, FdOS20, FJP22, KW20, LF24, LHH22, NP24, WYP23, ZD21]. **Enhancement** [WCZ24, MAT+20, YGZ+22]. **ENO** [BD20]. **Enriched** [DGQT20, LG23, LM24, RHA21, WF24, YHLA22, DD24]. **Enrichment** [GNB24, BIMS24, HWL+20, SWZC23, WHH22]. **enrichments** [HSM+23]. **ensembles** [MWRA22]. **enstrophy** [LMBB24]. **enthalpy** [ZK21]. **entropic** [YOF20]. **Entropy** [BKB22, TSARR21, AMPB+22, sCpLYhG23, CSI21, RDP20, WKC21]. **entropy-stable** [CSI21, RDP20]. **entry** [WKGH21]. **environment** [DYZ22, MJR20]. **environmental** [CSB+21, YTH+21, YTA23]. **environments** [LYZ23, YT22]. **epidemic** [BDS+22]. **epileptic** [MRP20]. **EPSD** [HJP23]. **equal** [HHW21, LHF24, PS22]. **equal-order** [HHW21, LHF24, PS22]. **equalization** [LXJ+21]. **equation** [ADKH20, AAC23, Ade20, AFS24, ANZZ23, ACV21, ACLP22, ACLP24, ADFP23, Alt23, AZHY22, ADG23, ABV23, BS23a, BZ20, BHZ20, BLO22a, BTCV20, BDL20, BDP23, BZ23, BHL24, BLO22b, BWMW23, CFP22, CCF+21, CS20b, CL22a, CLH22, CMY23, Che24, CGK24, CL20, CWX22, CDG+23, RFG+21, DDNS21, DZ22, DHVT20, DS22, DZ21, DW20, FBK+24, FRW22, FHZ22, FX22, FZH22, GvV22, GLL+20b, GCMS21,

HMF24, HSWG21, HGW18, HWW21, HC22a, HSZ22, HZ24, HNLPP20, HDWL24, HHR22, HYH23, HRvdZ20, HHR24, HGW21, HJXW23, HS20, HAC23, HJ23, JZ20, JJZ21, JWZ22, JXK20, KRO24, KK23b, KLK+24, KMS20, KPJ22, KP23, KC23b, LSW22, Lee20, LKC+24, LWL+20, LWX20, LZ20b, LSW20, LWL21, LL21b, LSH21, LL22b, LCW22, LXY23, LZF23, LJ24, LY21, LZL+21, LYL+22, LSGN23, LLXY23, LZ23, LZY24, MZWD23, MC24, MN21, MM21, MLLL24, MN23a]. **equation** [MKP23, MGA22, MS23, MH23, NAS20, ND21, NR22, OTC24, OXY21, Oru20, OAH+24, PXLY23, PHL21, PZL23, PSSW20, PLVL21, Płło22, PT24, QH22, QZH23, QGQ22, QX23, QXCG20, RDF24, RZSL23, RYAM21, RH21, RR22, ySRC22, SJ21, SZ22b, SCG23, SZ24, SQ24, SCdH21, SZ21, SR24, SMS+23b, SJZ22, SWZ23, SW24, SHT+24, TO20, TQX23, TRL23, TCW23, TGARGT+23, WTSZ20, WH21, WC21, WLJ21, WLX22, WHT22, WL22, jWC23, WCWZ23, WLL23, WF24, WZD24, WSCP24, WYW+24, Waz20, Wie23, WTQ+20, WPLW22, WARX23, XHY21, XFLZ22, XZ23, XP22, XHH+23, XSZ+23, XF23, XHL21, YQZT21, YZT21, YL22, YYZ22, YWL23, YLL24, YJ24, YKMZ21, YEO21, YLZ20b, YT22, YTT+22, YH21b, Yua23, ZWOM21, ZLPR20, ZZW20, ZJJ20, ZLT+21, ZHYL21, ZO21, Zha22a, ZFL22, ZDWR22, ZYTX22, ZL22a, ZF22, ZY23, ZH23b, ZAH23, ZZS23, ZSF23, ZLL20]. **equation** [ZPC20, ZL23c, ZLJT20, ZNH24, ZX20, ZXQQ22, dlRGR20]. **equations** [AS20, AM23, AGLR21, AKO21, AXLW24, ABR20, AJ23, ACRBT23, ABFPA24, AMM23, AN23, APS21, ATBT20, BV23, BWR21, BLF23, BS23b, BHPS24, BDB21, BB23a, BKB22, BCCR20, BN20, BHC20, Bra20b, BPR22, BSRVC20, CHY21, CO20, CBI+23, CC20, CS20a, CLZW20, CW20, CZLQ22, CLZ23b, CZ23, CYQW21, CSI21, CHJR21, CKS22, CL21, CEL20, CMM23, CP21, CTZ22, Dai22, DS20, DK23, DKMS22, DAS20, DC22, FSW20, FZS22, FS21b, FK21, GP22a, GP22b, GI21, GKHU22, GJS20, GAM24, GZ23, HMW21, HZ21, HJM23a, HJ24, HTBMC20, HTDT23, HQLJ20, He23a, He23b, HZR23, HZW21, Hop23, HHW21, HYLH22, HLPW22, HZA22, HHL22, HQL23, HHG20, JRu24, Jha21, JL19, JL20, JAHM23, JHG+21, JZS23, JICRMG+20, JMN22, KUK20, KPO20, KPJO22, KC22b, KC20, KWK24, KCD+23, KP20, KWLW24, KJ20, KSS+20, KSJ23, KSSS23, LNT22, LHN24]. **equations** [LLN24, LL21a, LPK22, LG23, LM24, LGL20, LLW20, LQ20, LZ20c, LZ20a, LWX21, LZ22, LXZ23, LT23, LDW+24, LLZL24, LHF24, LX22, LSRL24, LD20, LFY+21, LSWY21, LZFZ22, LQY22, LMLZ23, LRZ23, LH23b, ŁWP+23, LCT22, MFZX23, MMC21, MCW21, MRN+20, MW20, MMAK20, MMAK21, MRPK21, MZHJ24, MGA22, MN23b, MS22, Ngu20, NNT22, NY22, NFS24, NML23, NSRI24, OP24, PQSM21, PS21, Pon20, PNT+23, PSI+24, QSW23, QFL23, QS20, Qiu21, RZC21, RDP20, RMBC24, RLSC23, SC21a, SM22a, SM23, SMDC23, SR23, SHM21, Sch21, SCCS21, SSW20, SZS20, SQL21, SQ23, SS22, SHD23, SDG20, SZ22a, SWW22, SKG24, SLGF20, SXKL24, SW21, SBNR23, ST22, SXLZ21, TH23, TFWX23, Top22, TH21, TBO20, Ull20, WFH+20, WCL20, WZZ20, WZ22, WZY23, WZTZ23, WYHQ24, WZS24a, WS20a, WS20b, WZCS20, WL20, WKC21, WLQ22, WWH23, WCY+24, XCFC21, XCLX24, XLLA20, XLCP20, XLS22]. **equations** [XZSY23, Yan20, YHZ22, YCCW24, YLZ20a, YWZ21, YHLA22, YTH+21, YTA23, YLCC21, YFK20, YFK23, YYSL20, YWPS24, YH21b, YW20, ZM20, ZQM20, ZFZ20, ZZ21, ZD22, ZZL22, ZS23a, ZXXX23, ZDW23, ZX24, ZZ24b, ZWCS20, ZLH22, ZPC22, ZGL23, ZSW23, ZA23,

Zha24, ZS21, ZSPW20, ZW20a, ZZB20, ZSY22, ZST22, ZWY23, ZLW23, ZH23c, ZHPW23, ZHW20, ZZFL21, dVDMM22]. **equilibrated** [BNB20, CNT23, DFK22, Mal22]. **equilibrium** [ABL24, LLXY23, PZZ23]. **equipped** [MAT+20, TSARR21]. **Equivalent** [FS21b, IKST21]. **ergodicity** [WWH23]. **ERHSS** [SW20b]. **Erlangization** [YTA23]. **erodible** [LMD22]. **erosion** [AEF20]. **Erratum** [MMAK21]. **Error** [ADKH20, BMS22, CMY23, DVA+20, DSF24, Gal21, GENRB21, HS20, JZ20, JMN22, LSV21, Li24, LLW23a, MCD24, Man24, MA22, Pło22, QH22, STM21, TA22, ACLP22, BGR23, BS23b, BHS20, BHS22, BZE24, BS21, BX20, BZ23, BHL+23, CY23, CC20, CHL22, CHZ23, CYQW21, CNT23, DN22, DFK22, DHVT20, DH23, EGP20, ES20, EFFR22, FLOQ21, GQ23, GWN21, Hak24, HLW23, HD21, HAC23, Jha21, Kei21, KPS23b, KP24, KKNR21, LZ21, LL22a, LN21, LQY22, LS23, Mal22, MCW21, MS20b, MCV24, NAS20, PG21, PHL21, PR20, QZH23, SMDC23, SW20a, SZ22b, SL24, SWZ23, TCA22a, TTKV20, VR20, WC21, WBY23, XZT23, XXLS23, XP22, YJ24, ZJJ20, ZYTX22, ZC23, ZAH23, ZZH23, ZZ24b, ZCA23, ZQS24, aKST22]. **Error-estimate-based** [DVA+20]. **errors** [DBR21, GB23, ZAPK23]. **erythrocyte** [PGR23]. **escape** [WDGC20]. **ESFR** [QN20]. **essential** [HK22]. **essentially** [GCJ23, WZTZ23]. **estimate** [CY23, DVA+20, LLW23a, OAH+24, SWZ23, TTKV20, WC21, XZT23, ZJJ20]. **estimates** [BS23b, BHS22, BZE24, BS21, BZ23, CC20, CYQW21, DFK22, DH23, ES20, EFFR22, FLOQ21, GWN21, JZ20, LSV21, LZ21, LX24, LN21, LQY22, MA22, NT21, PKP21, PHL21, PR20, QZH23, STM21, SLW22, SZ22b, SL24, TCA22a, WBY23, XP22, ZC23, ZAH23, ZZH23, ZCA23, aKST22]. **Estimation** [YLWZ20, AOL22, BX20, BHL+23, CHL22, CNT23, GENRB21, Hak24, JJZ21, Mal22, MCV24, RBSC24, STO22, VR20, VGA+22, YS23, YYY+20]. **estimations** [MCW21]. **estimator** [HLW23]. **estimators** [EGP20, Jha21, SW20a]. **Euler** [BLO22b, CZLQ22, CSI21, EH23, JZHZ22, LL22a, RDP20, WWLG24, ZXXX23]. **Eulerian** [GNZ24, LZG+23, RBSC24, SR23, WCH20, YL20b, ZXXX23]. **European** [SMR24, TZ20]. **eutectic** [YZJ+22]. **evaluated** [aKST22]. **evaluating** [KLRT21]. **Evaluation** [SA22, AG24]. **evaporation** [NM23a]. **evolution** [BGK23, CMS23, LARGVR23, MW20, QQX21, ZGL23]. **evolutionary** [HJ24, QWC+23, Rav20, ZL22a]. **evolving** [KYY+20, LF24, SR23]. **Exact** [DDG23, KWK24, KG20a]. **examination** [MAT+21]. **examining** [MGBN22]. **example** [RHR+21]. **examples** [ZA23]. **excitation** [HJP23, SN20a]. **Existence** [BMZ20, DHW20]. **exit** [HM20]. **expansion** [KG20b, XL24]. **expansions** [KP24, LDW+24]. **expected** [XXY20]. **expedited** [JFS20]. **Experimental** [EGF+23, SB24b, APGK24, BAM+21, BMK21, KTFI23, MAT+21]. **experiments** [PV20]. **Explicit** [FX22, LGZC23, ADB+22, CZ23, ERG+24, FBK+24, FZDS22, LSW22, LLZ+23, MWYY22, RDP20, WL23, WLD22]. **explicit-implicit** [FZDS22]. **explicitness** [TSS24]. **explicitness-preserving** [TSS24]. **Exploring** [RNMÖX24]. **Exponential** [AFM23, AHM20, DE22, FHZ22, FX22, LCY23, XFX22, XF23, YYZ22, ZLQ23, ZZS23, ZZ24a]. **exponents** [SR20]. **extended** [ADKH20, AA20, ATBT20, BHDV22, CCW22, CCWC23, DSR23, Ha20, KWS21, LD23, PZL23, SJZ22, SWZ23, YTY24, ZCW24]. **Extending** [JRZ21]. **Extension** [WZC+20b, YWL21, BNV22, RFG+21, GHH20, Hak24, MS20a].

extensions [Hak20]. **exterior** [ADD22, DFS21, JH24]. **extra** [ZDT+22]. **extra-thick** [ZDT+22]. **extracted** [LLZ20]. **Extraction** [KPO20, KPJO22]. **extragradient** [LQ24]. **extragradient-like** [LQ24]. **extrapolated** [HZA22]. **extrapolation** [Agg20, HLPW22, LLZL24, PWC+23, VJ22]. **extremal** [Ant21]. **eye** [AEF23].

faces [GQZ23]. **facesheets** [AA21]. **faceted** [ZLJ+22]. **facilitating** [Loh21]. **factor** [He23b]. **factorization** [FCF22]. **factors** [ADG23, ASSV20, KPO20, KPJO22]. **failure** [BJG23, SAR20]. **FALKSOL** [Zdu21]. **family** [AGLR21, LMZ23, Vis24, WH21, WFMD20, Zha22a, ZC23, ZW20a]. **Fast** [BC20a, CMPR23, CLLG23, JHG+21, Lob21, LBPC20, ŁWP+23, PXLY23, QGQ22, SQ23, SLYL22, ZZ21, CDLW20, FSW20, FZS22, FZH22, HGW21, HHL+21, HLN24, JJZ21, JWZ22, KP22d, LQ20, LGQZ21, LFGZ23, LX22, LQY22, LLJ23, LN22, MLLL24, Par22b, Pta21, RKRRL22, SNHH21, TH23, TPA24, WPLW22, Yan20]. **faster** [GI20]. **faster-than-real-time** [GI20]. **fatigue** [SAR20]. **fault** [LBTVG22]. **favorable** [VLD+24]. **FCNN** [KC22b]. **FD** [DMŠ22, LQYJ23, SZ21, Ull20]. **FD-FV-LB** [LQYJ23]. **FDM** [BFRA21, Jaw21]. **FE** [SP20, BSRVC20, CSCY24, HDG23, LL22c, VR20, ŻW21a]. **FE-dABCD** [CSCY24]. **feature** [CDPL24]. **features** [AWA+22, AAG22, ABD+21]. **featuring** [ZZ24a]. **February** [Ano20-66, Ano20-68, Ano21-64, Ano22-51, Ano22-58, Ano23-52, Ano23-54, Ano24-34, Ano24-38]. **feedback** [CRRS21, KVV23, RNN22]. **FEM** [HMX21, Ade20, AWA+22, AAG22, BHS22, BBI+22, BX20, BRS21, BRRT21, CGO22, DPP21, EGP20, FMS22, HIP23, Kar24, KPO+21, KCD+23, LFF+24, LSW22, LQLF23, LSW20, LT23, Li24, MMPR20, OCRN22, SW20a, SZ22a, SLW22, SZ22b, TK20, WBY23, YLZ20a]. **FEM-BEM** [FMS22]. **FEM-IDS** [Ade20]. **FEMs** [GWN21, WLL23]. **Femurs** [YKNS23]. **FEniCS** [BHL+23, Kam21, MRS21, ZY21b]. **Fermi** [HSZ22]. **ferrofluid** [HKL+23]. **ferromagnetic** [EP23]. **ferronematics** [MMN21]. **FEs** [YMTS20]. **FESTUNG** [RHR+21]. **Feynman** [CYKL23, MZWD23]. **FG** [KHD24, MJWD20]. **FGM** [HWZQ23]. **FGMs** [JMM20, XFX22]. **FHN** [ZZZ24]. **fiber** [HGD21]. **fibre** [FGK+21]. **fibres** [SGAC+20]. **Fickian** [ZLL23]. **fictitious** [KP22c, Leg21]. **field** [ASGGRG23, ACXI24, ANWW21, AIG+21, AZY22, BMH22, BWZ22, BWZ23, Bal21, BLX+24, BBS22, CLH21, CZLQ22, DMŠ22, FSH+23, FCFW21, GOV20, GML+20, HXW23, HKL+23, JWW21a, JWL20, JW20, LYP+22, LWSZ21, LAX22, LQYJ23, LJ24, LLW+23b, PWC+23, PM23, PHL21, QZH23, RST+22, SYHN24, SRA20, WSGT21, WZY22, WXF22, WWCJ23, WHH22, WSO+23, WYT23, XKXL22, XWXF23, XXYL23, XZS+23, YK20, YZJ+22, YWT22, Yan24, YYY+22, YTY24, YWZ+23, YZW+22, ZKBC21, ZBKC22, ZDT+22, ZTW22, ZWT23, ZL23b, ZJZ24, ZHZ23, KEUY23]. **field-finite** [RST+22]. **Fields** [BC20a, BZ21, GO20, TMML23, ZXXX23]. **Fifth** [GCJ23, WZZ20, WZTZ23]. **Fifth-order** [GCJ23, WZZ20, WZTZ23]. **filament** [WCZD20]. **film** [WLZZ22, ZDLL22, ZLD+23]. **filter** [AOL22, NR22, QWC+23, VGA+22]. **filtered** [Pel23]. **filtering** [CMPR23, Orl23]. **filters** [ABC+22]. **finance** [YY20a]. **financial** [CWC22, SZ21]. **finding** [Boł22]. **Finite** [BWR21, BGG+20, BDG21, BBS21, CO21, CLZ23b, CL21, DK23, DH23, GCMS21, HH21, HH22, HSZ22, HNLPP20, HMX21, KK23a, KNBR22, KC21, Lin24, MI20, NCRGVR21, QQY+23, WZD24, XLLA20, YA21, ZTL22, ZH23b, ZLJT20, AS20,

AGLR21, AKO21, Adj22, ANZZ23, ADFP23, AJ23, ÁCS22, AEZ24, AZY22, AZHY22, ACRBT23, AAB+21, AJK23, ABD+21, AGPP22, AAM+24, AAWJ20, AN21, BNV22, BDV23, BIMS24, BWZ23, BGR23, BS23b, BZ20, BHS20, BM20, BHZ20, BW21, BJG23, BB23a, BER21, BNC+23, BZY20, BBS22, BHL24, BCF+23, BMvdZ21, CAD24, CCW22, CM21, CCGI23, CM23, CCWS20, CWTM20, CLZW20, CLYH22, CWC22, CLH22, CHZ23, CSI21, CHL21, CCWC23, CCGRL21, CRF+20, Cos23, CTZ22, DLN24, DD20, DE21, DGQT20, DDG23, DFGS24, DCCM23, DTV20, DZ24, Du24, DBB23, EAM20, ERG+24, EJR24, ELS24, EH23]. **finite** [FSS+20, FZS22, FHM22, FS21a, FHM21, Fia21, FCFW21, FS21b, FP20, FK21, GLL+20b, GQ23, GNZ24, GP23, GHRD20, GOV20, GORBS21, GPY22, GDA21, GMS23, GDA+22, GENRB21, GCC20, GSW21, GQZ23, GS23, Gun22, GB21, GWYR22, GB23, GXFT23, GO23, HC21, HKJ23, HZ21, HJM23b, HLH24, HSM+23, HLEF20, HLX20, HQLJ20, HWY23, HLQ24, HV21, HLCW24, HYLH22, HX22, HYW+24, HS20, HLY22, HAC23, HWWZ24, JVBM23, JM20a, JZPG21, JM23b, JZ20, JZS23, JL23, JBKW23, KSS22, KBR20, KJ21, KMZ22, Kei21, KC22b, KTY23, KK21, KMP20, Ku24, KSJ23, KC23a, KD23, KVV23, LLSY24, LS22a, LHN24, LP23, LLD23, LWSZ21, LZ21, LD22, LZ22, LL22a, LZA23, LWW24, LLZL24, LC23b, LX24, LFY+20, LS21, LY21, LN21, LSGN23, LMZ23, LLXZ23, LS23, LZ23, LLW+23b, Lob21, MFZX23, MGD23a, MC24, MMN21, MSHB22, Man24, MRN+20, MA22, MRPK21]. **finite** [MLS22, MZ23b, MLLL24, MKP23, NT21, NC20, NNNT22, NY22, NFS24, NW24, OXY21, OR22, OSZ22, PS22, PG21, PWJ+24, QSL23, QXCG20, QS20, Qiu21, RS21, RL23, RST+22, RR23, SG23, SR23, SPC+23, SQL21, SL20, SL21, SJ21, SJ23, SZ24, SQ24, SWW22, SGR+23, SLGF20, SR21, SR22, Sto20, ST20b, SS21, SWZC23, TA22, TCW23, TGARGT+23, Top22, VBDR24, VL21, WYH20, WZZ20, WW20a, WZC+20a, WZC+20b, WS21a, WXZW21, WML21, WDZ21, WWL22, WL22, WGC23, WCZ24, WZS24a, WSCP24, WLW+22, WH20, WHH22, WZS+24b, WN24, WLQ22, XHY21, XZ24, XXLS23, XP22, XZSY23, YA23, YQZT21, YHZ22, YWT22, YLW23, YLL24, YJ24, Yan24, YWL21, YWZ21, YZZ20, YKNS23, YYSL20, ZBCS24, ZR23, ZD21, ZCYL24, ZH20, Zha21, ZLT+21, ZHYL21, Zha22b, ZD22, ZHZ+22, Zha22a, Zha22c, ZS23a, ZC23, ZQY+23, ZZH23, ZZ23a, ZSF23, ZZ24b, ZZ24a]. **finite** [ZXZF20, ZLH22, ZLL23, ZSW23, ZS21, ZL22b, ZS23b, ZSPW20, ZW20a, ZW21b, ZXQQ22, ZSY22, ZST22, ZZW23, ZH23c, ZZS24, ZHW20, ZX22, ZK21, ZAPK23]. **Finite-Difference** [BWR21, CCWS20, GWYR22, HLH24, ST20b, VL21, ZAPK23]. **finite-element** [FHM22]. **finite-size** [PWJ+24]. **finite-strain** [CWTM20]. **finite-volume** [MRPK21, Zha21]. **fins** [SB24a]. **first** [BN20, CZ23, LL22a, OCCM21, QH22, SV21, Zha23, ZHZ23, BB23b]. **first-** [QH22]. **first-order** [LL22a, Zha23, ZHZ23, BB23b]. **Fisher** [ADKH20, PZL23, SJZ22, SWZ23]. **fishery** [YTY24]. **fitted** [MIOK21]. **fitting** [Leg21, ZZ20a]. **FitzHugh** [KUK20, LZ20a, LY23, ZZZ24, ZSY22, WPLW22]. **FitzHugh-Nagumo** [ZSY22]. **five** [GOV20]. **five-field** [GOV20]. **Fixed** [dSG20]. **flame** [BTYM+21]. **flames** [SB21]. **flapping** [RGS+20]. **flat** [dSMAdOW22]. **flat-top}** [dSMAdOW22]. **flaw** [MR24]. **FLEXI** [KBB+21]. **Flexible** [BBK21, GSW21, ISA24, JJOG20, WCZD20, ZWW+23]. **flexibly** [WS21b]. **Flow** [YCZ+21, ZSH+21, ACXI24, ADR24, AMPB+22, AAG22, APGK24, AGA+21, AIG+21, AA20, AEZ24, AFV22, AAS+20,

AAK24, BWZ22, BWZ23, Bal21, BRÁ+20a, BLX+24, BBK21, BFI+23, BV21, BBS21, BP20, Bou24, BLM+24, BPID20, CCG+23, CRDS20, CCWS20, CDG+23, DBH+21, RFG+21, DKH22, DK23, DNP+22, EFF21, EGF+23, FLS23, GNZ24, GPL21, GAM22, GCC20, HLEF20, HHY+22, HLCW24, HYZZ24, ISA24, JSBZ22, JZXR24, JWW+21b, KK23a, KARS23, KFD+20, KGW+21, KMS20, LMP23, Lee21, LHC+22, Li21, LSH21, LLJ23, LCC+24, MIOK21, MRPK21, MD21, MWRA22, MS20b, NDC22, NIT+20, OAA+22, OSO+23, OEASY24, OKSS21, OSZ22, PM23, PWMC23, PGK20, PFCZ23, QC24, RG21, RZŠ21, SB21, SGJJ20, SK23, SGAC+20, SA22, SBH+21, SRA20, SRP21, SPZL21, TKK23, Vah22, WDGC20, WWQ20, WZC+20a, WZC+20b, WWW21, WSGT21, WX22, WWL22, WDGS23]. **flow** [WL23, WYP23, WFW+24, WS21b, WZXN21, XYT+21, XTZZ24, YD23, YY23, YPC+21, YK20, YL20b, YQZL22, YCWS20, ZL20b, ZO21, ZGW23, RSB+21]. **flowing** [KC23a]. **Flows** [Agg20, BEKV21, AS21, ASH+21, BBDM21, CLLL20, CBK24, CGHJ24, sCpLYhG23, CYC+23, CRPdT20, CCGRL21, CL22b, CPBF21, DCCM23, Du24, EH23, FNGDV23, GS22, HEDT20, HBC+21, KP22a, KP22b, KJ21, LBTVG22, LL20a, LMD22, LZF23, LLZ+23, LLW+23b, MWYY22, MH22, MGBN22, MRN+20, MCW22, MKAM20, NC20, NAE22, PL24, QD23, Rav20, SD21, SJ24, SYZ23, SNL23, SR22, ST20b, SQLZ21, TMML23, WLX20, WZC+20a, WZC+20b, WRMB23, XL22, YA23, YLY20, YCWS20, YWZ+23, ZP24, ZKTK21, ZCXG20, ZHZ+22, ZYS22, ZLL23, ZY21b]. **Fluid** [ZSH+21, AL22, ADB+22, ANH+21, AGA+21, AAK24, BWZ22, BGR23, Bal21, BLX+24, BP20, CCG+23, CBK24, CPBF21, Du24, FL22, GPL21, GV21, GCSF21, HC23, HHR+20, ISA24, JSBZ22, JZXR24, JJOG20, KWM22, KK23a, Kam21, KARS23, KJ21, KFD+20, KMS20, KC23a, LMP23, LFF+24, LWL+20, LYL+22, LLJ23, LR22, MSHB22, MLS22, MD21, MLHS23, OSO+23, OEASY24, Oru22, PTNR24, RLVR21, RL23, SJ24, SWW22, SBH+21, SRA20, SNL23, SWC24, VSG21, WZC+20a, WZC+20b, WYP23, WR23, WS21b, WYT23, XYT+21, XWXF23, YD23, YY23, YK20, YCZ+21, Yan24, YCWS20, ZBCS24, ZKTK21, ZY21a]. **fluid-fluid** [AL22]. **fluid-poroelastic** [WR23]. **fluid-saturated** [LR22]. **fluid-solid** [SWC24]. **fluid-structure** [CCG+23, GV21, ISA24, KWM22, KJ21, LFF+24, MSHB22, RLVR21]. **fluid/rigid** [ZBCS24]. **fluid/rigid-body** [ZBCS24]. **fluidized** [GORBS21]. **Fluids** [ZSH+21, BABS20, CBK24, FGK20, GML+20, HLH+20b, LMBB24, LL20a, XKXL22, ZTW22, dSG20]. **flux** [CYC+23, CNT23, DT23, HDWL24, Lee21, LLW23a, Loh21, MWYY22, RS21, SLX+23, SHT+24, ZCY22, ZCYL24, ZYS22]. **foams** [BDJ20]. **Fock** [YY20a]. **focus** [KGW+21, MSHB22]. **Fokas** [BHDV22]. **Fokker** [WCW20a, HHR22, YTH+21]. **force** [ANH+21, WYS+20, ZDT+22]. **Forced** [RSAG+24]. **forces** [BLO22b, QD20]. **Forchheimer** [Gut20, ZL20a]. **Forchheimer-Brinkman** [Gut20]. **Forcing** [BBS21, WDGS23]. **forecasts** [ABC+22]. **form** [BDP23, Boł22, DS20, DW20, Füh21, HKM21, JM20a, KP24, SCdH21, TH23, YHZ22, ZK21]. **formation** [Bar22, KYY+20, YLQ22]. **forms** [LLZ+23, WSS22]. **formula** [CYKL23, MGD23a, Men22, WL22, XLCP20]. **formulas** [CDM24, Din21, KPO20]. **formulation** [ARV23, BV21, BD23, CWZ21, CWTM20, CRF+20, CLL+24, Füh21, GCC20, HC23, HV21, JJOG20, KC21, LLX23, ŁSSP23, Med23, NC20, RMBC24, TBO20, ZR23, ZS23a, Zha24]. **formulations** [ACRBT23, BB21, CHD24, CM20a, CG22, DMRV24, GI21, Hoa22, MHHR20, RH21,

SV21, vtWHG+22]. **Fortin** [DZ20]. **Forward** [AS23, LBTVG22, BFE+21, ZWY23]. **FOSLL*** [Kei21]. **FOSLS** [MS23]. **foundation** [AA21, YLFL20]. **Foundational** [NW24]. **foundations** [YX21]. **four** [NW24, WN24]. **Fourier** [JZ20, LDW+24, SWWZ23, WCW20a, dlRRG+24]. **Fourier-spectral** [SWWZ23]. **Fourth** [CLL21, AD20, AAC23, AKO21, BZ22, CLZ23a, CLLG23, CK23, DPP21, DLN24, HSZ22, HLPW22, HAC23, HQL23, LX24, LS21, LY21, LdO21, MFZX23, Men22, PZL23, QFL23, Rou20, SJ21, TS21, TRL23, WCL20, WYW+24, WL20, XZ23, YZT21, YL22, YHF24, YFK23, ZYTX22, ZAH23, ZZS23, ZL23b, ZCA23]. **Fourth-order** [CLL21, AD20, AAC23, AKO21, BZ22, CLZ23a, CLLG23, CK23, DPP21, DLN24, HSZ22, HLPW22, HAC23, HQL23, LS21, LY21, LdO21, MFZX23, QFL23, SJ21, TS21, TRL23, WYW+24, WL20, XZ23, YZT21, YL22, YHF24, ZYTX22, ZAH23, ZZS23, ZL23b, ZCA23]. **Fractal** [CBK24]. **Fractional** [AZL20, GSS24, LH23a, SSZ20, AD20, AM23, AFS24, AAS+20, BDMX21, BML22, BS23a, BWZ22, BWZ23, BKM23, Bra20b, BWMW23, BGD22, CCH24, CLL21, CLLG23, CS20b, CDLW20, CLZW20, CL22a, CLYH22, CL21, CV20, CP21, DYC+22, DCCM23, DHVT20, DAS20, DC22, FKW22, FC24, FSW20, FZS22, FRW22, FZH22, GLL+20b, GP22b, GHH20, GKHU22, GWN21, GAM24, GCMS21, HLMM20, HH23, HZR23, Hof20, HHR22, HYW+24, HGW21, HJXW23, HS20, HAC23, HQL23, HHG20, JH24, JJZ21, JWZ22, JHG+21, JSBZ22, JWR+23, KG20a, KCD+23, KSS+20, KSSS23, KP23, KR24, KC23b, LWX20, LWX21, LCW22, LC23a, LXY23, LT23, LLZL24, LSRL24, LFY+20, LY21, LZL+21, LYL+22, LRZ23, LLJ23, LZS23, MFZX23, MC24, MCW21, MI20, MW20, MMAK20, MMAK21, MLS22, MZHJ24, MLLL24, ND21, Oru22, OAH+24, PQSM21, Pon20, QGQ22, QXCG20, RDF24, RYAM21, RR22, SC21a, SM22a]. **fractional** [SG23, SMDC23, SHM21, SZS20, SYZ23, SQL21, SQ23, ySRC22, SCG23, SKG24, SLYL22, TQX23, TH23, Top22, TH21, UHLZ24, WFH+20, WS21a, WC21, WLX22, WHT22, WZ22, WCWZ23, WYHQ24, WZD24, WQ24, WYW+24, WLW+22, hWCsLjH21, XCFC21, XLLA20, XLCP20, XLS22, XSZ+23, XF23, YQZT21, YL22, YCCW24, YLL24, YLZ20b, YFK20, YPZ+21, ZM20, ZLPR20, ZZW20, ZJJ20, ZZ21, ZLT+21, ZDWR22, ZZL22, ZF22, ZY23, ZAH23, ZZS23, ZLJT20, ZNH24, ZX20, ZZB20, ZXQQ22, ZHPW23, ZQS24, ZZFL21]. **Fractional-order** [GSS24, LH23a, CCH24, MI20]. **fractional-step** [MZHJ24]. **Fracture** [BV21, ANWW21, BFI+23, BT22, Ha20, JWW21a, SMS23a, SYHN24, YZW+22]. **fractured** [BBDM21, SNL23]. **fractures** [AFV22]. **fragmentation** [BT22]. **Framework** [ZA23, BBD+21a, BEG+21, BBD21b, BMvdZ21, CG21, CHD24, CKBTS24, DD21, HLH24, KJ21, KBB+21, LP21, MKAM20, RZSL23, RLF21, SD21, SMS23a, WZC+20a, XHM20, Zha22d, ZLF+22]. **Fredholm** [LX22]. **Free** [KKJ+22, MJWD20, ADKH20, AHLZ24, BFI+23, BLMV24, CWZ21, CLLL20, CM22, CXXZ23, CS23a, CLL+24, CGI+22, DNP+22, EKB20, GNB24, HWL+20, HFG23, HV21, HBC+21, HWWZ24, JWR+23, KPJO22, LM24, Li20, Li21, LL21b, LR23, MCD23, MGD23a, MCD24, Men22, MWY23, MS23, MNB23, NP24, NCCD24, OCRN22, PZZ23, SK23, SGSD20, ST22, TLZF20, WCW20b, YPC+21, YL20a, YA21, YZZ20, Yu23, ZZCM20, ZL20a, ZHH21, Zha24, ZX22, dSMAdOW22]. **free-surface** [CLLL20, SK23]. **frequencies** [BL20]. **frequency** [AGPP22, BDJT21, MR24,

ŻW21a, ZAPK23]. **frictional** [ABC+21]. **Friedrichs** [CKBTS24, LQ20, PV20]. **frog** [BNSZ24, YWZ21]. **Front** [NM23a]. **Front-Tracking** [NM23a]. **FSDT** [EJWD23, KHD24, LYXC21]. **fuel** [FGK+21, SB24b]. **fueled** [SB21]. **full** [BFE+21, HKR22, HGD21, JZHZ22, LSW22, WYS+20]. **full-implicit** [WYS+20]. **full-space** [LSW22]. **full-wave** [HKR22]. **Fully** [AGLR21, BGR23, Hoa22, HYH23, PT24, RDP20, TO20, AZY22, BAB+20, CCGI23, CL22a, CHZ23, CCGV22, DN22, DG22b, GOV20, GORBS21, GGRBRG20b, GSRG21, MSHB22, RLF21, SYZ23, XP22, YJL22, ZR22, ZS23b]. **fully-discrete** [DN22]. **fully-mixed** [CCGI23, GOV20, GORBS21]. **function** [ACV21, ACLP24, AM22, GLÖ21, Ila20, JZXR24, JBKW23, LYRW21, LLZ+23, MCZL20, MH23, NW24, Oru20, RUMT+24, SA22, SZ21, SWZC23, TO20, WN24]. **Functionalized** [ZO21]. **Functionally** [JMM20, AKA+21, EJWD23, FYXL21, LYXC21, MKM+24, PND+24, ZD21, ZRL+22, ZZL23]. **functionals** [Wol20]. **functions** [BIMS24, BNB20, BGKV20, CS22, CM23, CWX22, FJZC20, GK21, LCC+24, OR22, Rou20, ST20a, Sch24, WCL20, XCFC21, ZLJ+22]. **Fundamental** [SLUW+21, AMV21, Gra21, LCT21, MCZL20, QFL20, RBSC24, dFLdSLM22]. **furnace** [BNQ21, YLQ22]. **Further** [XTZ+21]. **future** [KJ22]. **FV** [LQYJ23, BSRVC20]. **FVLBM** [WCZ24].

GA [PSI+24]. **gain** [XXY20]. **Galerkin** [AD20, ADKH20, AS23, ADB+22, AJK23, AFV22, AMM23, BS23a, BNSZ24, BGR23, BS23b, BAKR24, BDG21, BX20, BZ23, BKB22, BS23c, BSRVC20, CY23, CHY21, CG21, CO21, CLR23, CLRT24, CO20, CRM22, CM23, CHD24, CM22, CZLQ22, CXXZ23, CMR22, DG22a, DW20, GM21a, GHMD22, GDA21, GNB24, GRR20, GWN21, GQZ23, Haj21, HZ21, HWW21, Hop23, HHR22, HBC+21, HYJ20, HHW21, HRvdZ20, HWWZ24, HA23, JJZ21, KCW22, Kar24, KC21, KPS23b, KJN21, KGJN24, KBB+21, KSJ23, KD23, KWS21, Lee21, LG23, LM24, LSW20, LL21b, LCW22, LMD22, LY23, LL23, LWW24, LZBC24, LN21, LQY22, LSGN23, LMST20, LdO21, MCD23, MGD23a, MCD24, nMjWlS24, MCW21, MA22, MLLL24, NAS20, ND21, Nie23, NERB+22, OSO+23, PKP21, PK23, PDB22, Pło22, PT24, QSW23, QC24, QXCG20, RZC21, RZSL23, RTA20, RWaZ23, RHR+21]. **Galerkin** [RHA21, ST20a, SCdH21, SSK+23, SR22, Sto20, SW24, TZX23, TS21, Tau22, Top22, WLX20, WFH+20, WW20a, WLX22, WWL22, WGC23, WaZWZ23, WF24, WZS+24b, Wie23, WKC21, XL22, XZT23, YH21a, YZN22, YWL23, YA21, YZZ20, YHLA22, YH21b, ZQM20, ZH20, ZL20a, ZFL22, ZR22, ZQY+23, ZXXX23, ZLL20, ZXZF20, ZPC20, ZPC22, ZL23c, ZSW23, ZXQQ22, ZX22]. **Galerkin-type** [ST20a]. **Galilean** [HHR+20]. **game** [YTY24]. **gap** [Bar22, CLH21]. **gas** [BNC+23, BEKV21, JM20b, LZF23, LLZ+23, RCSM23, SCCS21, SRP21, TWH+22, WLX20, WTSZ20, WLZZ22, ZL20b]. **gas-particle** [ZL20b]. **gas-plasma** [BNC+23]. **gas/HE** [RCSM23]. **gaseous** [FL22]. **gates** [WDGC20]. **Gauss** [FSS+20, HSR+23, LQ20]. **Gaussian** [CFG+23, HJP23, LCX+20, WWH23]. **Gelfand** [IZ20]. **General** [ZFL22, ABL24, BZDQ21, BJyST24, HZ24, LX22, MZM21, Nie23, SZ22b, TKK22, YWL21, ZQM20, Zha23, Zha22d]. **Generalised** [MN24]. **Generalization** [Jaw21, SZS20]. **Generalized** [JBKW23, QSW23, SLGF20, BMZ20, CBŁP23, CSS20, CCF+21, FSS+20, GAM22, GCMS21, HLQ24, HLCW24, HYLH22, LQ20, LSW20, LL23, MS20a, MLHS23, OEASY24,

Oru22, QSL23, SM22b, SS22, SZ21, WZY23, XZ24, YCWS20, ZL22b, BGG+20]. **generalized-** [CBŁP23]. **generate** [JMM20]. **generated** [JM20a, YOF20]. **Generating** [SS21, SS24, HZW21, KP21]. **generation** [FGK+21, Ima20, SNHH21]. **generative** [MSBO23]. **genetic** [PSI+24, ZW20b]. **genuinely** [SQLZ21]. **geomechanics** [XMQ+21]. **geometric** [BEIL21, HC21, HWZQ23, IKST21, Li21, LSH21, XJY+20]. **geometrical** [LS20]. **Geometrically** [PDB22, EJWD23, KNBR22]. **geometries** [BGKV20, EH23, LQW22, RTA20, YWLF21]. **geometry** [SA22, XLCP20]. **GeoMFree** [XMQ+21]. **geophysical** [ADR24, Lee21, LMBB24]. **geostrophic** [MS22]. **geothermal** [CQG+24, ZL23a]. **Gevrey** [CL24]. **GFEM** [dSMAdOW22]. **ghost** [Ha20, LWL+20, WCZ24, YLCC21]. **ghost-fluid** [LWL+20]. **Gibbs** [HRvdZ20, Zha22b]. **Gibson** [AAC23]. **Ginzburg** [HYH23, LSW20, LL21b, WLL23, XP22, ZLPR20, ZZS23]. **GJF** [MCW21]. **GJF-Petrov** [MCW21]. **glass** [Ha20]. **glioma** [LARGVR23]. **Global** [LYZ23, PWC+23, WLW+22, YLW23, Yua23, ZLQ23, ANWW21, LWL21, ZC22, Zhe22]. **GMMP** [HS20]. **GMRES** [KCC20]. **GMsFEM** [PFCZ23]. **GNU** [RHR+21]. **Goal** [CNT23, DBR21, ELS24, Mal22, VR20, BBK21, BBI+22, BMvdZ21, HIP23]. **Goal-oriented** [CNT23, DBR21, ELS24, Mal22, VR20, BBK21, BBI+22, BMvdZ21, HIP23]. **Godunov** [XTZ+21]. **Godunov-type** [XTZ+21]. **Golub** [ATBT20]. **Gordon** [AJ23, CC20, GZ23, JZ20, SZ22a, WL22, YHF24, FZH22, WH21]. **governed** [LCW22, LC21, WLX22, WZD24, XCLX24, ZCL20]. **governing** [YTT+22]. **GPAV** [QZH23]. **GPAV-based** [QZH23]. **GPU** [CPBF21, DdSP21, FZDS22, GM22, KLRT21, KTFI23, MJR20, WKC21, ZCXG20]. **GPU-based** [FZDS22, KLRT21]. **GPU-parallelized** [ZCXG20]. **grad** [HJM23a, HJ24, JZS23, LXRQ22, LH23b, PV20, QHHW20, WCH23, LLZ+23]. **grad-div** [HJM23a, HJ24, JZS23, LXRQ22, WCH23]. **grade** [Oru22]. **Graded** [JMM20, AKA+21, BRRT21, EJWD23, FYXL21, HYW+24, KC23b, LMLZ23, LYXC21, MKM+24, PND+24, RR22, SU23, Top22, ZD21, ZRL+22, ZZL23, ZXQQ22]. **Gradient** [BBDM21, cZsCyC23, AADMA23, BZE24, Bra20b, BCM22, CSCY24, DSL24, FK20, HYZZ24, IJS+24, KK23b, LC23b, LZY24, MRPK21, SJM24, WZT23, WYP23, ZO21]. **gradient-based** [BCM22, IJS+24]. **gradient-flow** [MRPK21]. **Graetz** [AA20]. **Graham** [RUMT+24]. **grains** [KRESA21]. **granular** [FL22]. **graph** [AFM+24, MN24]. **graphene** [AA21, HLY22, LZA23]. **graphene-based** [HLY22]. **gravitational** [CZLQ22, ZXXX23]. **gravity** [HKL+23]. **gray** [LP22b, CLLG23, LFY+20]. **gray-scale** [LP22b]. **gray-scale/color/outline** [LP22b]. **Green** [ACLP24, MCZL20]. **grid** [ABLS23, BZY20, CLZW20, CLH21, CLH22, DZ24, Du24, GWYR22, HZJ+22, HX22, KTXP21, LD22, LT23, LLZL24, LCH23, LLW+23b, MIOK21, MJR20, OTC24, SPZL21, TCW23, WCH20, WS20a, XHY21, YJL22, YZN22, YLZ20a, YOF20, ZFZ20, ZHYL21, ZH23c]. **grid-adaptive** [KTXP21]. **grids** [AFM+24, CSI21, HZ24, HLW24, KJN21, KLK+24, KWK+20, LKC+24, NDC22, NY22, NFS24, ZCYL24]. **Gross** [FHZ22, WTQ+20]. **Ground** [SSdA20, XHM20]. **groundwater** [BLM+24, CDG+23, SQC23]. **group** [XZSY23]. **growth** [BPID20, HKJ23, JW20, LYP+22, LAX22, LQYJ23, RST+22, SWWZ23, YZJ+22, YYY+20]. **Grünwald** [XLCP20]. **Grünwald-formula** [XLCP20].

Guaranteed [Ku24, KKNR21, Wol20, ZY21a]. **guess** [CKS22]. **gyroidal** [APGK24].

half [jWC23, YLFL20]. **half-space** [YLFL20]. **Hall** [AAC23, OSO+23]. **Hamilton** [AS20, LLN24, LZ22, YT22]. **Hamiltonian** [BMS22, DHW20, FZH22, LRZ23]. **Hamiltonian-preserving** [LRZ23]. **hand** [Kra20]. **hanging** [Sch24]. **haptotaxis** [BGG+20, NCRGVR21]. **hard** [LDW+24, Par22c]. **Harmonic** [Hak24, BZ23, DV22, Hak20, LAL+24, MN23b, SDJ+22]. **harvesting** [NM23b, YTY24]. **HDG** [CKBTS24, LL22b, TZ21]. **Heat** [MAT+20, MLHS23, ZSH+21, ANH+21, AGA+21, AL23, BWZ22, BTCV20, BCM22, CRDS20, CZ20, CFT+23, ČPPŠ20, DBH+21, DD20, DS22, FL22, FYXL21, GvV22, Gra21, GZAR23, HZ24, HLCW24, Ima20, JSBZ22, JWW+21b, LWL+20, LYRW21, LGZC23, LLJ23, MLJ+20, MN24, PM23, QX23, RG21, RH21, SADW21, TSARR21, TJYL22, Vab22, WQ24, XKXL22, XHL21, YLY20, YCZ+21, YYZ22, YWL21, ZLYL20, ZWOM21, ZRL+22, ZHHL23, ZZL23, ZSF23, ZX24, ZSL22]. **heated** [CRB24, HKJ23, KP21, Oru22]. **heating** [SADW21, SLW22, WWQ20, ZCZ+21]. **Heaviside** [ACV21]. **height** [BRÁ+20a]. **Hele** [Bar22]. **Hellinger** [Vis24]. **Helmholtz** [AXLW24, AMV21, BHPD23, BZ20, BGH20, BDJT21, BPID20, CWX22, DFS21, EFK+23, HMW21, HNLPP20, KF22, LSW22, MGD23b, MMPR20, MS23, NAS20, Tad23, YKMZ21, YH21b, ZPC20]. **hemivariational** [BMZ20, FYM23, LXH24, MD21, hWCsLjH21, XCLX24]. **hemivariational-variational** [LXH24]. **hepatic** [PTM+23]. **Hermite** [BNC+23, CTZ22, GCMS21, WCY+24]. **Hermitian** [MS20a]. **Herschel** [FNGDV23]. **heterogeneous** [BNB20, CEL20, DdSP21, ERHL22, HMW21, LSW22, LMZ23, LYZ23, LD23, MWY23, OCRN22, OTC24, PFCZ23, SM23, YD21, YKMZ21]. **heuristic** [sCpLYhG23]. **hexahedral** [HWL+20, JZPG21, JMM20, LZG+23]. **Hierarchical** [BHL+23, CRF+20, CDPL24, AMP20, BGKV20, CTGR24, GP22a, Gun22, HLX22, zLqLZ+24, MZ23b]. **High** [BBD21b, CT22, DdSP21, GM22, JZHZ22, MGA22, NDC22, QD20, SLM23, ST20b, WKC21, XHH+23, YTK21, YZ21, YFK20, Zha22c, ZXXX23, ZLL23, ZW21b, Adj22, AL22, ADB+22, ABMS20, AGPP22, BNV22, BEG+21, BGH20, BCT21, BDJT21, BS23c, CBŁP23, CG21, CO20, CYC+23, CDM24, CL21, CHL21, CRF+20, DD21, DKV21, EAM20, FSS+20, Fan23, FHZ22, FX22, GDA+22, GML+20, Ha20, HLX20, HBC+21, HHR24, HHG20, JWR+23, JYHS23, Kei21, KBB+21, KMS20, LQ20, MWYY22, MRN+20, NM23a, PSI+24, RR22, SHM21, SCdH21, ST23, SU23, SAR20, TL22, TH23, Ull20, WDGS23, WCWZ23, WDYZ24, vtWHG+22, Xen20, XFLZ22, XZ23, XZ24, XXY20, YSGD20, YHZ22, ŻW21a, ZZL22, ZQZ20]. **High-accuracy** [YZ21]. **high-contrast** [vtWHG+22]. **high-cycle** [SAR20]. **high-dimensional** [CDM24, PSI+24, ST23, SU23, Ull20, ZZL22]. **high-efficient** [JWR+23]. **high-frequency** [AGPP22]. **High-Order** [BBD21b, QD20, CT22, NDC22, SLM23, ST20b, WKC21, XHH+23, YTK21, YFK20, Adj22, ADB+22, BNV22, BGH20, BCT21, CBŁP23, DD21, FSS+20, FHZ22, FX22, HHR24, Kei21, LQ20, MWYY22, MRN+20, RR22, SHM21, WDYZ24, Xen20, XFLZ22, XZ23, YSGD20, YHZ22, ZQZ20]. **high-order/** [HHR24]. **High-performance** [GM22, BEG+21]. **high-power** [DKV21]. **high-velocity** [Ha20]. **Higher** [DSL24, SMDC23, TRL23, BBK21, CCF+21, CCGRL21, CDPL24, Din21, FWLD22,

HHL+21, IZ20, KSS22, MJR20, NAE22, PS22, Pta21, SSD23, ZR23]. **higher-dimensional** [IZ20]. **Higher-order** [DSL24, TRL23, BBK21, CDPL24, Din21, FWLD22, KSS22, MJR20, NAE22, PS22, Pta21]. **Highly** [WX22, WYP23, WYT23, ZWT23, AHM20, ACXI24, EFFR22, GHS23, PFCZ23, TGARGT+23]. **Hilbert** [Cos23, TH21]. **Hilliard** [JWL20, WHH22, CL22a, CMY23, FRW22, JAMX24, KTY23, LKC+24, NR22, SXKL24, WZY22, XFS23, YLZ20b, ZZW20, ZZ21, ZO21]. **history** [LXH24]. **history-dependent** [LXH24]. **HIV** [SSZ20]. **HJB** [RZ21, YTH+21]. **HM** [SLUW+21]. **HOC** [MKAM20]. **HOFEIM** [DRSY20]. **Hohenberg** [QH22, WCWZ23, YTK21]. **Hölder** [CP21]. **Homoclinic** [JXK20]. **homogeneous** [ACLP22, BL20, BM23, CCGRL21, MRPK21, PWWJ23, PWJ+24, QC24, WXZW21]. **Homogenization** [LR22, PCM20]. **Homotopy** [HHL22, ACXI24, JICRMG+20, Liu20, WX22, YX21]. **homotopy-based** [YX21]. **HomPINNs** [HHL22]. **Hong** [TGL21]. **Hopf** [CDM24, RLSC23, WSS22]. **Hopf-type** [CDM24]. **horizon** [KVV23]. **horizontal** [CBK24]. **hot** [BNQ21]. **hp** [CKBTS24, YPC+21, CM23, CHD24, HHR24, Sau23, BHS22, LSW22, NAS20, SGR+23]. **hp}-adaptation** [CHD24]. **hp}-Crouzeix** [Sau23]. **hp-FEM** [BHS22]. **hp-finite** [SGR+23]. **hp-HDG** [CKBTS24]. **hp}-mesh** [CM23]. **hpq** [MZ23b]. **hpq-adaptive** [MZ23b]. **HSDT** [SFR21, SS20]. **Hu** [CLL+24]. **Huber** [GAM22]. **Huxley** [YL22]. **HWENO** [ANZZ23]. **Hybrid** [BBD21b, KLK+24, LS22b, QD20, TCA+22b, WZTZ23, ZQY+23, AAM+24, BMVA23, BSRVC20, DK23, GKHU22, MMP21, MKAM20, SSD23, ST22, WX22, XFLZ22, YFK23, ZCYL24]. **hybrid-numerical** [SSD23]. **Hybridizable** [CLR23, CLRT24, EFFR22]. **hybridized** [FCFW21, HHW21]. **hydraulic** [ANWW21]. **hydrodynamic** [BAM+21, NS20, RWaZ23]. **hydrodynamically** [AZY22, WZY22]. **hydrodynamically-coupled** [AZY22]. **hydrodynamics** [ASH+21, ABL24, BKB22, CGO22, LAB23, Qiu21, SHT+24, YOF20, dSG20]. **hydrogels** [HYH23]. **hydromagnetic** [OSO+23]. **hydromechanical** [BMP21]. **hydronic** [ZCZ+21]. **hydrostatic** [CZLQ22, FNGDV23, RZSL23]. **hyperbolic** [BAKR24, BCT21, CBŁP23, CMY23, DG22a, DD20, DTW23, GCJ23, Haj21, HZ24, HA23, Kim21, KBB+21, LGL20, LBPC20, MGA22, NRV22b, NNT22, Orl23, SK21, WS20a]. **hyperbolic-parabolic** [BAKR24]. **hyperelastic** [BZDQ21]. **hypersingular** [SXCB24]. **hypersonic** [sCpLYhG23, WLX20]. **hyperspherical** [JICRMG+20]. **hyperthermia** [AOL22]. **hypothesis** [Bou24]. **hypoxic** [LARGVR23]. **hysteresis** [VGA+22].

IB [WCZ24, DKH22, WCZD20]. **IB-LBM** [DKH22]. **ice** [LYP+22]. **icing** [BTCV20]. **ideal** [WSGT21]. **identical** [ZDW23]. **identical-relation-preserving** [ZDW23]. **Identification** [GM21b, IJS+24, KMZ22, BDJ20, CFT+23, HTDT23, KP22d, KFD+20, Par22c, YEO21]. **identifying** [AHP20]. **IDS** [Ade20]. **IEQ** [CMY23]. **IFISS** [BRS21]. **IGA** [ŁWP+23, EFK+23]. **IGA-ADS** [ŁWP+23]. **IgA-BEM** [EFK+23]. **ignition** [SB24b]. **iGRM** [LMMMP20, ŁMMMP21]. **II** [KPJO22, BGK23, GP22a, GZG20, GGRBRG20b, HH22, Mit22, WZC+20b, WN24]. **II.** [LC22]. **Image** [KJL+20, PMLC20, BML22, BH22, BKM23, CCH24, GP22c, HK20b, HJZ23, JAMX24, KJ22, LCN20, LHC23, LQZ23, LP22c, MJRM20, MB21, NES23, NR22, RGL21, RGL22, SHQL20, TRSM23, YGZ+22, ZZ21, ZZ23b]. **Image-based** [KJL+20, MB21]. **images** [CCH24, DH24, LP22b]. **imaging**

[CEB24, EGF+23, KPS23a, PLVL21]. **IMEX** [Che24, KTY23, LYZ23, SMR24, TSS24, WLL23]. **IMEX-split** [TSS24]. **Immersed** [BBS21, CLYH22, CRPdT20, Adj22, BZ22, BBS22, CHZ23, DG22a, DVA+20, ERG+24, FBK+24, GBK23, GXFT23, PK23, RLF21, SGAC+20, SD21, SLX+23, SPZL21, WWQ20, WXZW21, WDGS23, WCZ24]. **immersogeometric** [Kam21, SGF+21]. **immiscible** [AEZ24, CBK24, GML+20, HLH+20b]. **immobile** [BS23a, CLL21, CLZW20, DC22, QXCG20]. **impact** [Ha20, JJ23]. **impacting** [WZXN21]. **imparity** [SB24a]. **impedance** [CEB24]. **imperfect** [MKM+24, SN20a, ZHHL23]. **imperfections** [LS20, ZD21]. **impinging** [YLY20]. **implant** [FGG+20]. **Implementation** [PZZ23, RUMT+24, SJM24, SLUW+21, BGH20, HHM21, HGW21, LS20, SHWC22, TMML23, XL22, YPC+21, YWL21, ZKBC21, ZBKC22, dSG20]. **implementations** [GLLZ23]. **Implicit** [FBK+24, TW23, AAWJ20, BZ20, BZ22, BHPS24, BZ23, CCG+23, CZ23, FZDS22, Hoa22, HDWL24, JHG+21, JZHZ22, LYL+22, MWYY22, MGA22, QXCG20, QS20, RMBC24, SYZ23, SQ23, SQB22, WYS+20, WC21, WHH22, WCZD20, WPLW22, XJ21, YPC+21, YQZT21, ZDLC22, ZYS22, ZX20, ZZB20]. **Implicit-explicit** [FBK+24, MWYY22]. **implicit-in-time** [RMBC24]. **implicit/explicit** [CZ23]. **implicitly** [OR22]. **implicitly-defined** [OR22]. **imposed** [Med23]. **Imposing** [ST20a]. **Improved** [EFFR22, GPRS22, GLC24, KHD24, Nag24, BWZ23, CYC+23, EJWD23, Gun22, HJ24, HLH+20a, HBC+21, LXJ+21, LYZ23, MRN+20, MKM+24, OEASY24, OCRN22, SK23, YJZ20, ZLH22]. **Improved-FSDT-based** [KHD24]. **Improvement** [SQLZ21, XJ21, DNP+22]. **Improving** [LCY23, ZKBC21, ZBKC22]. **improvised** [LSRL24]. **impulse** [RNN22, YTH+21]. **impulsively** [WCZD20]. **in-compressible** [JZXR24]. **In-silico** [SAVHB22]. **inattention** [YT22]. **inclined** [ACXI24, OSO+23, WX22]. **including** [APGK24, DBR21, SP20, ZZ20b]. **inclusion** [ZWS22]. **inclusions** [Par22b]. **incompatible** [CWTM20]. **incompressible** [AHLZ24, ASH+21, CCG+23, CGO22, CCWS20, CW20, DCCM23, DSF24, Du24, FLS23, GS22, GPL21, GI21, GCC20, GRR20, GML+20, GJS20, HQLJ20, JRu24, JWL20, KP22a, Li24, LH23b, LLW+23b, LCT22, MWYY22, MH22, MGBN22, MZHJ24, MCW22, PNT+23, QS20, Qiu21, QD20, SD21, SCCS21, SHD23, SR21, SPZL21, ST20b, TA22, WWQ20, WWW21, WYP23, WS21b, WYT23, XKXL22, XYT+21, YHZ22, YQZL22, YWZ+23, ZR23, ZHZ+22, ZS23a, ZQY+23]. **incorporated** [YLY20]. **increased** [DKH22]. **independent** [BV23, Bot20, LQLF23, RKRRL22]. **index** [CHJR21]. **index-2** [CHJR21]. **indicator** [SBMS22]. **indifference** [LLZ20, YZL20]. **indirect** [NE22]. **indoor** [SADW21]. **induced** [BGG+23, HHR+20, SA22, SNL23, WCZD20]. **induction** [BGPS20, CRB24]. **inductionless** [ZD22, ZZ24b, ZST22, ZZS24]. **Industrial** [SGF+21]. **inequalities** [AMN22, BMZ20, DD21, LQ24, MD21, RZ21]. **inequality** [BHS22, BFVY23, FYM23, HJZ23, LXH24, hWCsLjH21, XCLX24]. **inertia** [SGAC+20]. **inertial** [CRPdT20, ZLQ23]. **Inexact** [ABC+21, BFVY23, BMST20, Che24]. **inextensible** [GRR20]. **inf** [CS22, DFHT21, Sau23]. **inf-sup** [CS22]. **infection** [SSZ20]. **inference** [RBSC24, UHP23]. **infinite** [BLX+24, DHW20, YTT+22]. **infinite-dimensional** [YTT+22]. **infinitely**

[BBS21]. **Inflow** [KP21]. **Influence** [DP20, EAM20, SAVHB22, SGZ+23]. **influx** [JJ23]. **information** [GP22c, Par22c]. **informed** [CGGY23, CGHJ24, CGI+22, CDG+23, DSR23, GZAR23, HHL22, LDW+24, LCC+24, NES23, PL24, TFWX23, ZL23a, ZL23b]. **Ingard** [KC20, KWK24]. **inhibiting** [KN20]. **inhomogeneities** [AHP20]. **inhomogeneous** [DG22a, LN22, RL20, SCG23, YL20a, YL22, ZSW23]. **initial** [CL22a, CKS22, FC24, HZ21, HTBMC20, HYW+24, JAHM23, LNNP24, LS20, PS22, QX23, SGZ+23, TTKV20, ZQS24]. **initial-boundary** [HYW+24, ZQS24]. **injection** [BNC+23]. **injectivity** [YJZ20]. **inkjet** [ZYM24]. **inkjet-printed** [ZYM24]. **inlet** [RBSC24]. **inner** [CFT+23, Hak20]. **inpainting** [HK20b, JAMX24, NR22, ZZ21]. **input** [KP24]. **inputs** [CSB+21]. **inserts** [MAT+20]. **Insight** [ANH+21]. **Insights** [QN20, ABD+21, RNMÖX24]. **inspired** [JJOG20]. **instabilities** [SMS23a, XTZ+21]. **instability** [BPID20, RCSM23, SB21]. **insulation** [BKW22]. **insurer** [XXY20]. **integer** [GPRS22, LH23a]. **integer-order** [LH23a]. **integrability** [Waz20]. **integrable** [KCD+23]. **Integral** [DFS21, KMS20, XZS+23, Bar22, CFP22, CM20a, GP22a, GPA21, Gut20, JRu24, LX22, MZWD23, ND21, PS21, SXCB24, WS20b, vtWHG+22, YTT+22]. **integrals** [HXZ+22]. **integrated** [AA21, BW21, NC20]. **Integration** [LP20, AMM23, DVA+20, DTW23, EFK+23, FBK+24, HBC+21, HLN24, KWM22, OCCM21, TW23, VJ22, WLD22, YQZL22, Yu23, ZWOM21, ZDLC22, ZLH22]. **integrator** [ZZS23, dSG20]. **integrators** [DE22, FHZ22]. **integro** [Che24, LMLZ23, SMDC23, SZ21, TQX23, WYHQ24, ZX20, ZQS24]. **integro-differential** [Che24, LMLZ23, TQX23, WYHQ24, ZX20]. **integro-parabolic** [SMDC23]. **integrodifferential** [QGQ22]. **intense** [CYC+23]. **intensities** [ADG23]. **intensity** [Che24, KPO20, KPJO22]. **Interaction** [Li21, AL22, CCG+23, GV21, GCSF21, HC23, ISA24, JJOG20, KWM22, Kam21, MSHB22, QhCZ+20, RLVR21, SWC24, WR23, WS21b, ZBCS24]. **interactions** [AAC23, BTYM+21, BNC+23, LFF+24, LCE23]. **interest** [BMP+24, LZ20d]. **Interface** [KC21, TWH+22, Adj22, BHK+24, BZ22, BDF24, BCF+23, CCW22, CS23b, CHZ23, CCWC23, CSS23, DG22a, DD20, DDG23, DNP+22, FHM21, GV21, GXFT23, GO23, HHR+20, KP22b, KP22c, Koc22, KTY24, LS22a, LQLF23, Li21, PK23, QSL23, QQY+23, RS21, RCSM23, SD21, SWWZ23, TKK22, US20, WXZW21, WGC23, XZ24, Zha22c, ZHHL23, ZGW23, ZSW23, ZCW24]. **interface-penalty** [Zha22c]. **Interface-resolved** [TWH+22]. **interfaces** [Adj22, CRB24, KJ21, LF24, LWL+20, NML23, SGZ+23]. **Interfacial** [CWTM20, WZXN21]. **Interior** [LG23, NAS20, BJyST24, EFFR22, YSGD20]. **interlayer** [Ha20]. **internal** [MZWD23, WDGS23, ZLYL20]. **International** [TGL21, ZSH+21]. **INTERNODES** [VADG22]. **interpolating** [ADKH20, ZL20a]. **Interpolation** [XMQ+21, BNV22, BBS22, GPA21, HLX20, HDWL24, KKJ+22, LFF+24, LL20b, zLqLZ+24, LZL+21, LMLZ23, LD23, MJWD20, MWY23, NP24, Oru20, Oru22, PLR21, RSAG+24, TFWX23, WLD22, YCL20, ZP24, ZDLC22]. **interpolation-based** [BNV22, PLR21]. **interpolation-free** [MWY23]. **interpolations** [HLW24]. **interpolatory** [ST20a]. **intersecting** [AFV22]. **Interval** [BHC20]. **intervals** [SS21, SS24]. **intravitreal** [FGG+20]. **Introduction** [JYHS23, KWK+20]. **intrusive**

[AS21, SDM21, SC21b, ZXGF22]. **invariance** [HHR+20]. **invariant** [ZSY22]. **invariants** [MN24]. **invasion** [AMC23, NCRGVR21]. **Inverse** [NRV22a, STO22, AHP20, AAA24, BDJ20, BFE+21, CZ20, DHVT20, FC24, HKS21, HLW21, Ila20, JKC24, KP22d, LBTVG22, LXY23, Liu20, MC24, MH23, MSBO23, PN24, PQSM21, Par22c, Tad23, TTKV20, TBO20, WQ24, YDY+23, Zha22e, ZWY23]. **inversion** [BCK24, BFE+21, ZDWR22]. **investigate** [Bar22]. **Investigation** [LP22c, MLJ+20, Par22b, SB24a, WLZZ22, YLZL20, BMH22, DKV21, DTV20, JWW+21b, RCSM23, SNL23, YZ21, YZJ+22, YLQ22]. **investment** [PR20, XXY20]. **inviscid** [EH23]. **involved** [HHR22]. **involving** [BKM23, KP20, PV20, SB24a, SA22, WLZZ22, WL20]. **ionic** [BHPS24, GBK23]. **IPDGFE** [LSH21]. **irregular** [GP20, KWK+20, LYRW21, LLJ23, TGARGT+23, XLLA20, ZLT+21, ZSW23]. **irreversibilities** [AGA+21]. **irreversible** [Zha22d]. **irrotational** [QD20]. **Isaacs** [YT22]. **Isogeometric** [BMST20, BGKV20, GP22a, LMMMP20, LMMMP21, Xen20, XJY+20, ZLYL20, ZYC+24, BLM+24, BTT20, CTGR24, CPS21, DVA+20, HLEF20, KV22, Kra23, LMST20, LST22, LBPC20, MHHR20, PDB22, SFR21, SYHN24, WM23, ZJZ24, ZLF+22, dlRGR20, dlRRG21]. **isoparametric** [LS21]. **isothermal** [Bal21, CZLQ22, MCW22]. **isotherms** [MRN+20]. **isotropic** [CCGRL21, GRR20, HWY23, MNB23, PM23]. **issue** [ZSH+21]. **iterate** [JAHM23]. **iteration** [GLL20a, KM22, LAL+24, PS20, RZ21, SQ23, SW20b, WQ24, ZZ23b]. **iterations** [dlRRG21]. **Iterative** [GHH20, HHR24, WWLG24, ZFZ20, ZWS22, BM20, BBK24, CDLW20, DTV20, HYLH22, JWW21a, KP20, KKNR21, LQLF23, LZ20a, LZW21a, LZW21b, NSMM21, PXLY23, Par22b, Tor20, ZHW20].

Jacobi [YT22, AS20, HH23, HZR23, LLN24, LZ22, NSRI24]. **Jacobian** [YPC+21]. **Jacobian-free** [YPC+21]. **January** [Ano20-59, Ano21-60, Ano22-56, Ano22-49, Ano23-51, Ano23-50, Ano24-40, Ano24-43]. **Jeffrey** [LLJ23]. **jet** [BNQ21, YLY20]. **jets** [KP21]. **Jimbo** [Waz20]. **jointed** [BMP21]. **joints** [MR24]. **Joseph** [QQY+23]. **Joule** [SLW22]. **Julia** [HMX21]. **Julia-based** [HMX21]. **July** [Ano20-49, Ano21-63, Ano21-54, Ano22-67, Ano22-65, Ano23-60, Ano23-66, Ano24-41, Ano24-35]. **jump** [GM22, LLXY23, TZ20, WXZW21]. **jump-diffusion** [GM22, TZ20]. **jumps** [Che24, MW20, RS21]. **junctions** [BPR22, PV22]. **June** [Ano20-63, Ano20-64, Ano21-56, Ano22-71, Ano23-59, Ano23-63, Ano24-39, Ano24-31]. **juSFEM** [HMX21].

Kac [CYKL23, MZWD23]. **Kahan** [ATBT20]. **Kalman** [AOL22, VGA+22]. **Kansa** [YLL24]. **Kármán** [Hop23]. **Kashiwara** [Waz20]. **Kaskade** [GSW21]. **Katchalsky** [Krz22]. **Kedem** [Krz22]. **Keller** [AMPB+22, GSRG21, HH21, HH22, LZ20e]. **Kelvin** [BGR23, BPID20, SWW22]. **kernel** [LX22, Lin24, LN22, MN24, NCCD24, RKRRL22, SDM21, STM21, XJ21, ZGL23, ZX20]. **kernel-based** [STM21]. **kernel-smoothing** [XJ21]. **kernels** [BTYM+21, LMLZ23]. **Kerr** [CGK24]. **Kerr-type** [CGK24]. **kind** [BHS22, LX22]. **kinds** [WYH20]. **kinematics** [SGAC+20]. **kinetic** [CMS23, LZF23, LLZ+23, SK23, SCCS21, TWH+22, XYT+21]. **kinetics** [MWY21, XZSY23]. **Kirchhoff** [AN20, CHL22, KC23b, LZJC21, TPOT20, WL20]. **Klein** [AJ23, CC20, FZH22, GZ23, JZ20, SZ22a, WL22, YHF24]. **knot** [MHHR20, YWLF21]. **knowledge**

[GNB24, LNNP24]. **Kolmogorov** [ADKH20, PZL23, SJZ22, SWZ23]. **Kong** [TGL21]. **Korteweg** [AJK23, MRN+20]. **KPS** [ZZB20]. **Kriging** [WWZ+24]. **Kronecker** [CBŁP23]. **Krylov** [JRZ21, YPC+21]. **KSPHPDDM** [JRZ21]. **Kutta** [ADB+22, BZ23, CZLQ22, FX22, KTY23, SQ23].

L [SPC+23]. **L-shaped** [SPC+23]. **L1** [HYW+24, JJZ21, LWX21, LXY23]. **L1-finite** [HYW+24]. **L2** [ZGL23]. **L2-type** [ZGL23]. **laden** [PWJ+24]. **lag** [LYRW21]. **Lagrange** [LLD23, ZNH24]. **Lagrangian** [BKK+23, GNZ24, HWL+20, LZG+23, RBSC24, WCH20, YL20b, ZXXX23]. **Laguerre** [YW24]. **Lamé** [GI21]. **lamina** [LP22a]. **laminar** [KWM22, SD21, WZC+20a, WZC+20b, WS21b]. **laminated** [Ha20, KKJ+22, MNB23, SP20, SS20, WWZ+24, YLZL20, YLFL20]. **Landau** [HZA22, HYH23, LSW20, LL21b, WLL23, XP22, ZLPR20, ZZS23]. **Landweber** [WQ24]. **Laplace** [ELS24, LFY+21, MM21, MH23, STO22]. **Laplacian** [DZ21, BKM23, HMF24, HGW18, ND21, XLCP20, YPZ+21]. **Larché** [SBNR23]. **Large** [MKS+21, SGF+21, AKA+21, AFS24, ATBT20, BMVA23, FH21, GHRD20, KM22, LQ20, LGQZ21, LXJ+21, LFGZ23, LQW22, LR22, PWC+23, PGR23, PZZ23, QD20, SQB22, XTZZ24, YX21, YWLF21, ZTW22, ZPC20, ZWW+23]. **large-scale** [BMVA23, LQ20, LGQZ21, LFGZ23, LQW22, PWC+23, YWLF21]. **larger** [KMS20]. **lateral** [FKR21]. **Lattice** [ABLS23, CRPdT20, GBK23, GCSF21, KRESA21, KTFI23, KWK+20, LMK+21, PWJ+24, QhCZ+20, VL21, YOF20, ZDLL22, APGK24, ABMS20, ADL+21, ABS23, BP20, BABS20, CLLL20, CCWS20, CYY+21, CYC+23, DT23, DLT20, EFF21, EGF+23, FGK20, FS21b, GML+20, GDŁW23, HHR+20, HLH+20b, HHY+22, HQCW22, HDWL24, HKL+23, KGB24, KFD+20, KKA+21, Kri20, LLX23, zLqLZ+24, MWYY22, MIOK21, MLJ+20, NIT+20, PGK20, PLR21, PWWJ23, RST+22, RLF21, RLSC23, SGJJ20, SB24a, SK23, SLX+23, ST20b, TMML23, WWQ20, WZC+20a, WZC+20b, WZY23, WCZ24, WZCS20, WCY+24, XL22, XYT+21, XLZ+21, XHH+23, XTZZ24, YYY+22, YCWS20, YWZ+23, ZKTK21, ZCY22, ZCYL24, ZTW22, ZHHL23, ZWCS20, ZZ20b, ZYS22, ZLD+23, HLH+20a, HEDT20, Ima20, KOMK20, OF20, RGS+20]. **Lattice-Boltzmann** [YOF20]. **lattices** [ZZZ24]. **law** [BP20, BS23c, DKMS22, PGR23]. **laws** [BCT21, DTW23, GCJ23, Haj21, KG20a, Kim21, KBB+21, KVV23, Pel23, SK21]. **Lax** [LQ20]. **layer** [CGHJ24, CMR22, Hoa21, KARS23, KTFI23, LL20a, LCC22, LC22, MZ23b, QD23, QhCZ+20, YLQ22, YCL20, aKST22]. **layer-adapted** [CMR22]. **layered** [ASZ24, BDB21, BDL20]. **layers** [BRRT21, CBK24, ZZ24a]. **LB** [LQYJ23, WCZD20]. **LBM** [DKH22, JYHS23, MJR20, SADW21]. **LDA** [CSI23]. **leading** [AAG22]. **leap** [BNSZ24, YWZ21]. **leap-frog** [BNSZ24, YWZ21]. **leapfrog** [CGK24]. **Learning** [BMP+24, KC22b, ACLP24, BMvdZ21, BGD22, CAD24, CGGY23, CFT+23, CGI+22, GHSR23, GZAR23, HHL22, OP24, PN24, SSK+23, UHP23, VT21, WWLG24, YKNS23, ZWS22, ZWY23]. **Least** [BB23b, BB21, BDG21, AN21, BBG23, CM21, FP20, FK21, JBKW23, KC21, Ku24, LCC22, LD23, QC24, QFL20, SV21, STM21, Sto20, WW20b, WCZ24, Zha23]. **Least-Squares** [BDG21, BB21, BBG23, CM21, FP20, FK21, KC21, Ku24, LCC22, STM21, Sto20, WW20b, Zha23]. **LED** [DKV21]. **Legendre**

[Der23, FKW22, JM23a, JJZ21, KJ20, KKJ+22, LYL+22, NML23, QC24, SJM24, WFH+20, YM23, YW24, ZDWR22]. **Legendre-Laguerre** [YW24]. **Legendre-radial** [KKJ+22]. **Legendre-tau** [NML23]. **length** [BD20, SMS23a]. **lens** [LP22b]. **LEoPart** [MRS21]. **less** [LCT22]. **Level** [NIT+20, BS23b, CCWC23, CV20, DLC22, GPY22, GS23, HLN24, HLW21, KCW22, LFGZ23, MKAM20, NC20, NDC22, NNNT22, PLVL21, Qiu21, UuIUK21, YA23, YPZ+21, Zdu21, ZST22, dlRRG21]. **Level-set** [NIT+20, NNNT22]. **levels** [BD23, DKH22]. **Lévy** [CWC22, DYZ22]. **library** [AAB+21, ABD+21, KWK+20, MRS21]. **lid** [ACXI24, HBC+21, KC23a, WX22, ZZZC24]. **lid-driven** [ACXI24, HBC+21, KC23a, WX22]. **Lie** [WHT22]. **Lifshitz** [HZA22]. **lifting** [WWL22]. **light** [GPL21]. **like** [CT22, GS22, LQ24, Loh21]. **Limit** [YTA23, ABL24]. **limitation** [Zha22e]. **limited** [AHP20, KP22d, Par22c]. **limited-aperture** [AHP20, KP22d]. **limited-view** [Par22c]. **limiter** [ZQZ20]. **limiters** [DT23]. **Limiting** [LLW20, Haj21, SK21]. **line** [SPZL21, jWC23]. **line-based** [SPZL21]. **Linear** [JW20, KG20b, KTY23, LJ24, ZCY22, ZCYL24, ADKH20, AHLZ24, Alt23, ABFPA24, ADG23, BTCV20, BB21, BZ23, BHC20, BWMW23, CMPR23, CBŁP23, CSS20, CC20, CXXZ23, CPS21, CCGRL21, CL22b, CLL+24, CP21, ÇM20b, DGQT20, EP23, Füh21, FF24, GLÖ21, GENRB21, GB21, GB23, HC21, HZJ+22, HWL+20, HLQ24, HV21, HM20, HRvdZ20, HHR24, HJXW23, HWWZ24, HA23, JL19, JWL20, JL20, KM22, KP24, KPJ22, LZ20c, LZW21a, LZW21b, MGD23a, MZM21, Oru22, OF20, PD21, QH22, SM22a, SS22, SL21, TLZF20, TKK22, WHT22, WLD22, Wie23, XSZ+23, YDY+23, YM21, Yu23, Yua23, ZR23, ZHYL21, ZC22, ZFL22, ZZL22, ZH23b, Zha22d, Zha24, ZXQQ22]. **linear-cost** [CBŁP23]. **Linearity** [CSI23, DWS20, LD23, MKP23]. **linearity-preserving** [DWS20, LD23]. **Linearized** [ZLPR20, BZDQ21, CL20, GWN21, LSW20, LL21b, LL22a, Li24, LQY22, MLLL24, NS20, SZ22a, WYW+24, YWL23]. **linearly** [PHL21, WPLW22]. **lines** [HDG23]. **Lipschitz** [GQZ23]. **liquid** [AAWJ20, BPID20, HHY+22, SRP21, TWH+22, WTSZ20, ZDLL22, ZLD+23]. **liquid-vapor-solid** [HHY+22]. **liquidity** [SMR24]. **liquids** [LCT21]. **LL*** [Kei21]. **loads** [SS20, YLZL20]. **Local** [HLX20, HYW+24, HLW24, LD22, MN23a, ND21, SW24, YWLF21, ZAH23, ZS21, ZZS24, AD20, ANWW21, AGA+21, BS23a, BMH22, BZY20, BZ23, BMST20, BEKV21, CMR22, ERHL22, Hoa22, HHR22, KCW22, MLJ+20, Oru20, PZZ23, QP24, SXKL24, WDZ21, XMQ+21, XHL21, YWL21, ZSK23, ZGL23, Zhe22, dlRRG+24]. **localization** [Par22b]. **Localized** [LQW22, CCF+21, CFT+23, JZXR24, LFY+21, QFL20, WCH20, XFX22]. **locally** [GDA21, LCY23, RDP20, ZW21b]. **location** [SADW21]. **locking** [CXXZ23, HWL+20, HFG23, HV21, HWWZ24, LR23, TLZF20, YZZ20, Yu23, ZZCM20]. **locking-free** [CXXZ23, HWL+20, HFG23, HV21, HWWZ24, LR23, TLZF20, YZZ20, Yu23]. **logarithmic** [sCpLYhG23, DZ21, HGW18]. **logistic** [HH21, HH22, LZ20e]. **lognormal** [BN20]. **long** [AJK23, HD21, MKS+21, Rav20, YT22]. **long-run** [YT22]. **long-time** [Rav20]. **long-wave** [AJK23]. **longitudinal** [SB24a]. **Looking** [LP22b]. **loop** [CQG+24, RGS+20, ZL23a]. **loosely** [GV21]. **loosely-coupled** [GV21]. **Lorentz** [ZAPK23]. **loss** [LCC+24]. **Low** [ZZ20a, ZMS21, CY23, CWW22, CCH24, CL21,

CRPdT20, GHH20, LM24, LLD23, MB24, RGL22, TLZF20, UHP23, ZZL22, Zhe22]. **low-contrast** [CCH24]. **low-cost** [LM24]. **low-dimensional** [MB24]. **Low-order** [ZMS21, TLZF20]. **low-quality** [UHP23]. **Low-rank** [ZZ20a, CL21, GHH20, ZZL22, Zhe22]. **low-Re** [CRPdT20]. **Lower** [GSRG21, CL20, Wol20, ZY21a]. **lowest** [BLMV24, DWS20, GQ23, WGC23, Yu23]. **lowest-order** [DWS20, GQ23, WGC23, Yu23]. **LQR** [YY20a]. **lubrication** [HLH24]. **luminaire** [DKV21]. **Lump** [WTSZ20]. **lump-stripe** [WTSZ20]. **lumped** [ZH23c].

M [BW21, CLLG23, LFY+20]. **MAC** [He23b, WR23]. **Maccari** [JXK20]. **Mach** [CYC+23, JZHZ22, JYHS23]. **Machine** [VT21, BMvdZ21, CFT+23, PN24, SSK+23, YKNS23]. **machine-learning** [BMvdZ21]. **machines** [BGPS20]. **macro** [DDG23]. **macroelement** [LL21a]. **macromolecular** [HYH23]. **macroscopic** [QP24, VT21]. **magnetic** [ACXI24, AHP20, AMPB+22, AIG+21, AAWJ20, BLX+24, BHD+21, EGF+23, GO20, HKL+23, LSV21, MAT+21, NML23, SRA20, TMML23, YLZL20, ZS23a]. **magnetic-electric** [ZS23a]. **magnetics** [DD24]. **magnetized** [VJH23]. **Magneto** [AAC23, CGO22, EJWD23, OAA+22, Qiu21, Rav20, SDJ+22, YLZL20, YLFL20]. **magneto-convective** [OAA+22]. **magneto-electro-elastic** [EJWD23, YLZL20, YLFL20]. **magneto-hydrodynamics** [CGO22, Qiu21]. **magneto-micropolar** [Rav20]. **magneto-thermo-elasticity** [SDJ+22]. **Magneto-thermoelastic** [AAC23]. **magnetohydrodynamic** [DSF24, HJ24, KK23a, Li24, LLJ23, MWRA22, PL24, TA22, ZD22, ZST22, ZZS24]. **Magnetohydrodynamics** [QS20, GJS20, LL22a, LH23b, MH22, SHD23]. **magnetonanofluid** [PM23]. **Mahony** [KJ20, LSRL24]. **Malik** [LHC23]. **management** [YYY+20, YTH+21, YT22, YTA23]. **manifold** [ZZL23]. **manufactured** [KJL+20]. **manufacturing** [LAB23]. **map** [ZZZ24]. **mapped** [LZ22, TL22]. **mapping** [OTC24]. **MAPS** [WCL20, XCFC21]. **March** [Ano20-51, Ano20-53, Ano21-67, Ano21-49, Ano22-66, Ano22-54, Ano23-55, Ano23-58, Ano24-37, Ano24-42]. **marching** [WYP23]. **market** [LLZ20]. **marking** [CM21]. **Markov** [MSBO23]. **Markovian** [LCX+20, ZW20b]. **marks** [YLQ22]. **martial** [HKJ23]. **martingale** [WS20b]. **Mass** [ZSH+21, ZDW23, AGA+21, HFG23, JSBZ22, KP22a, KMZ22, Lee20, LST22, PH23, ZH23c]. **mass-conservative** [Lee20]. **mass-emitting** [PH23]. **massive** [BNC+23]. **massively** [CPBF21, Zdu21]. **massively-parallel** [CPBF21]. **matched** [YCL20]. **matching** [BCF+23, DDFZ23, LFF+24, ZLF+22]. **matching-based** [DDFZ23]. **material** [BNC+23, BHDV22, FSH+23, JFS20, KJL+20, NML23, WR23]. **Materials** [JMM20, DSL24, EP23, FL22, FYXL21, HWY23, KHD24, MKM+24, MB21, Pta21, YSGD20, ZRL+22, ZZL23]. **Math** [DZ21, JL20, JFS20, LZW21a, MMAK21]. **Mathematical** [AM20, ACDL24, ASSV20, BZDQ21, CMS23, FGG+20, FJP22, SB21, SRP21, JJ23, LWZ22, zLqLZ+24, LARGVR23, SSZ20]. **MATLAB** [RHR+21]. **MATLAB/GNU** [RHR+21]. **matrices** [AFM23, BFRA21, JMM20, MM21, ZZ20a]. **Matrix** [DSS20, AHM20, ATBT20, Axe20, BFI+23, KM22, KCC20, LWL21, LST22, SGSD20, Tad23, TH23, UHLZ24, WXZW21, YA21]. **matrix-free** [BFI+23, SGSD20, YA21]. **Matrix-oriented** [DSS20]. **Maximizing**

[XXY20]. **Maximum** [CC20, HKJ23, IKST21, WXF22, YYSL20, ZWMF24, ZY23]. **Maxwell** [BWR21, BWZ22, BNSZ24, BLX+24, BDB21, BBG23, BD23, CGK24, HGD21, HZA22, ŁWP+23, NML23, YLZ20a, YWZ21, YH21b, ZSW23, dVDMM22]. **May** [Ano20-60, Ano20-62, Ano21-57, Ano21-55, Ano22-68, Ano22-61, Ano23-53, Ano23-49, Ano24-36, Ano24-33, LQCM20]. **McKean** [MW20]. **ME** [SQLZ21]. **ME-AUSMPW** [SQLZ21]. **Mean** [WDGC20, YTY24, ZLQ23]. **mean-square** [ZLQ23]. **means** [JM23b]. **measurement** [BD20]. **measurements** [Ngu20]. **measures** [DDFZ23, FLOQ21]. **mechanical** [AA21, BBDM21, LML23, SCD23, WLZZ22, YSGD20, YLZL20]. **mechanically** [SCD23]. **mechanics** [BM21, CFG+23, TRSM23, VADG22, VSG21, WZS+24b, ZY21a]. **mechanisms** [ZWW+23]. **Media** [RSB+21, AZL20, ANWW21, Ale23, ÁCS22, AEZ24, AFV22, AAA24, BDB21, BBDM21, BLM+24, CGK24, DG22a, GBK23, Hoa21, JWW21a, KRESA21, KGW+21, LHC+22, MLJ+20, MS20b, NS20, PFCZ23, SSY22, SYZ23, SLX+23, SNL23, SWZC23, TPA24, VT21, WYH20, WBY23, vtWHG+22, YL20a, YH21b, ZLL23, ZAPK23]. **medicine** [YMTS20]. **medium** [AGA+21, BWR21, JSBZ22, NS20, OAA+22, OTC24, QC24, RL20]. **melt** [LAB23, RST+22]. **Melting** [AAG22, CRB24, BKT+23, GZAR23, JFS20, ZYM24]. **melts** [WZY22]. **membrane** [KMZ22, Krz22, PGR23]. **membranes** [AFS24]. **memory** [Ade20, BGH20, Fia21, JJ23, KPJ22, Vab22]. **memory-based** [JJ23]. **Merton** [GM22]. **mesenchymal** [ZDW+20]. **Mesh** [CM22, VJH23, BF21, Bot20, CRM22, CM23, DBR21, EAM20, GP22c, Gie23, JWR+23, Kra23, KC23b, Li21, zLqLZ+24, MGD23a, MZ23a, NC20, NCCD24, RR22, SMDC23, SBMS22, WML21, WWS23, WHC24, WRMB23, ZZ24a, ZLL20]. **Mesh-free** [CM22, JWR+23, NCCD24]. **mesh-independent** [Bot20]. **meshes** [AN20, AFM23, ABL24, AN21, BDMX21, BCT21, BHL24, BRRT21, CWTM20, CLZ23b, CMR22, DV22, DD24, DDG23, DD22, FZS22, FGK20, GMS23, GKK+20, GQZ23, HMF24, HWL+20, HYW+24, HRS20, Ima20, JZPG21, KCW22, KGJN24, KSJ23, KTY24, LFF+24, LS22a, LHF24, LSWY21, LMLZ23, LMZ23, LZG+23, LD23, MWY23, Nie23, PK23, PLR21, QQX21, SGF+21, Sch24, SU23, ST22, SNHH21, Top22, TKK22, WM23, WKC21, WLQ22, YH21a, YZZ20, ZP24, ZQM20, ZC23, ZZ23a, ZPK22, ZW20a, ZXQQ22, ZSY22, dVDR20]. **Meshfree** [LLXY23, AADMA23, LNF24, MJWD20, MNB23, Nag24, SS20, XMQ+21, YLW+22]. **Meshkov** [RCSM23]. **Meshless** [HHR22, HHG20, LL23, MCZL20, ZSK23, AD20, BS23a, BMH22, BPID20, DMŠ22, DC22, GM21b, HC21, HHNV23, JM23b, Jaw21, LYRW21, LC21, LP22c, MB21, Oru20, QSL23, SAVHB22, TO20, TGARGT+23, XSZ+23, ZCXG20]. **Mesoscopic** [JKL20, ZYM24, LMP23]. **mesostructures** [ERHL22]. **meta** [PSDP22]. **meta-procedure** [PSDP22]. **metabolism** [YD23]. **metaheuristic** [GM21b]. **metal** [BNQ21]. **metallization** [ZYM24]. **metamaterial** [FLW20]. **metamaterials** [YWZ21]. **Method** [BV21, BBS21, CO21, DFS21, HMX21, KC21, KMS20, LCT21, LMMMP20, PV22, SN20a, XMQ+21, XGL21, YA21, AD20, ADKH20, AADMA23, AS21, ABC+21, AHM20, AN20, AHP20, ACLP22, ASH+21, ADFP23, ÁCS22, ABMS20, AZHY22, ABLS23, ABS23, AJK23, AMV20, ABV23, AM22, AGPP22, AAM+24, BMH22, BWR21, BWZ23, BNSZ24, BGR23, BS23b, BZ20, BZ22, Bar22, BAKR24, BDB21, BFVY23, BH22, BMK21, BTCV20, BDP23, BGPS20, BB23b, BMPP22, BDF24,

BNC+23, BP20, BKT+23, BKK+23, BM21, BHDV22, BMST20, BS23c, Bra20b, BLM+24, BC20b, CCG+23, CBŁP23, CLLL20, CHY21, CCW22, CWW22, CLZ23a, CCGI23, CGM+20, CLRT24, CGHJ24, CCWS20, CDLW20, CC20, CS20a, CLZW20, CYY+21, CLH21, CLYH22, CWC22, CHL22, CLH22, CZLQ22, CLZ23b, CXXZ23, CS23a, CGK24, CZ20, CMR22, CWLQ22, CHJR21, CYKL23, CKS22, CFT+23, CV20, CCGRL21].
method
[CWX22, DN22, DLN24, DFSV22, DV22, DT23, DG22a, DG22b, DGK20, DLC22, Der23, DD22, DFK22, DHVT20, DS22, DBR21, DWS20, DW20, DC22, DSF24, DZ24, Du24, DNP+22, EGF+23, FSS+20, FKW22, FSW20, FWLD22, FZS22, FKR21, FHM22, FK20, FYXL21, FS21b, FH21, FHH23, FF24, GLL+20b, GLL20a, GM21a, GQ23, GP23, GHRD20, GOV20, GORBS21, GPY22, GHH20, GKHU22, GDA21, GNB24, GMS23, GJM22, GPA21, GENRB21, Gra21, GDŁW23, GJS20, GQZ23, GS23, GAM24, Gun22, GB21, GCMS21, GWYR22, GB23, GXFT23, HC21, HC23, HMW21, HZJ+22, HJP23, HXW23, HJ24, HL22, HDG23, HLEF20, HSR+23, HLH+20a, HLX20, HQLJ20, HWW21, HQCW22, HFG23, HZ24, HLQ24, HHNV23, HH23, HLCW24, Hop23, HHR22, HBC+21, HHW21, HYLH22, HYW+24, HRvdZ20, HHL+21, HLPW22, HS20, HLW21, HC22b, HXZ+22, HLY22, HAC23, HWWZ24, HHG20, HA23]. **method**
[Ila20, Ima20, JVBM23, JM20a, JM23a, JRu24, JM23b, JSSS24, JZ20, JJZ21, JZXR24, JL23, JMN22, KSS22, KPS23a, KEUY23, KBR20, KNBR22, KRESA21, KM22, KW20, Kim21, KJN21, KLK+24, KGJN24, KCD+23, KTFI23, Koc22, KBW23, Kri20, KMP20, KSJ23, KTY24, KC23b, KOMK20, KKJ+22, LLSY24, LNT22, LLN24, LNNP24, LK20, LP21, LM24, LKC+24, LL20b, LZ20b, LD21, LWL21, LL21b, LSH21, LWSZ21, LLZ21, LL22b, LXRQ22, LCW22, LMD22, LXZ23, LLX23, LQYJ23, LZA23, LZBC24, LD24, LLZL24, LS20, LX22, LL22c, LR23, zLqLZ+24, LZW21a, LZW21b, LYRW21, LQW22, Lin24, LSRL24, Liu20, LD20, LS21, LY21, LFY+21, LN21, LZL+21, LSWY21, LYL+22, LQY22, LSGN23, LCH23, LGZC23, LLJ23, LS23, LZ23, LLW+23b, LZG+23, LZY24, LP20, LP22c, LYXC21, LCT22, LN22, MCZL20, MWYY22, MCD23, MZWD23, MFZX23, MGD23a, MZ23a, MCD24, nMjWlS24, MIOK21, MGBN22, MGD23b, MRN+20, Mas23, MS20a].
method [Med23, MJWD20, Men22, MZM21, MLLL24, MN23a, MKP23, MR22, MGA22, MS22, MNB23, MS20b, Nag24, NM23a, NIT+20, NNNT22, ND21, Nie23, NML23, OTC24, OXY21, OP24, Oru22, OAH+24, OSZ22, PG21, PS20, PCC21, PWC+23, PKP21, PK23, PGK20, PZL23, Pel23, PLR21, PWWJ23, PSSW20, PDB22, PZZ23, QSL23, QC24, QXCG20, QS20, QQY+23, QFL20, QD20, RZC21, RDF24, RNN22, RBSC24, RZSL23, RS21, RZŠ21, RWaZ23, RL23, RST+22, Rou20, RR23, RHA21, RGS+20, SC21a, SQC23, SM22a, SDJ+22, SAVHB22, SMV+21, SR23, STM21, SJ24, SSW20, SQL21, SMS23a, SWWZ23, SL20, SJ23, SXCB24, SZ24, SK21, SS20, SCdH21, SWW22, SJM24, SLGF20, SR21, SR22, SR24, SPZL21, SW20b, ST20b, SS21, SXLZ21, SJZ22, SQB22, SWZC23, SWC24, SZCW24, Tad23, TO20, TQX23, TH23, TZX23, TS21, TSS24, TCW23, Top22].
method [Tür20, UuIUK21, UHLZ24, VR20, VADG22, VSG21, WLX20, WYH20, WW20b, WYS+20, WWQ20, WCW20a, WZC+20a, WZC+20b, WCH20, WS21a, WWW21, WXZW21, WML21, WDZ21, WLX22, WXF22, WHT22, WCWZ22, WZ22, WL22, WDGS23, WL23, jWC23, WYP23, WWS23, WGC23, WaZWZ23, WYHQ24, WCZ24, WF24, WZD24, WQ24, WFW+24, WYW+24, WS20a, WLW+22, WWCJ23, WHC24, WH20, WLD22, WHH22, WCH23,

WZS+24b, hWCsLjH21, WARX23, XL22, XKXL22, XJ21, XFS23, XHY21, XFLZ22, XWXF23, XXYL23, XZT23, XZ24, XLLA20, XLCP20, XLZ+21, XLS22, XSZ+23, YD21, Yan20, YL20a, YK20, YH21a, YZ21, YHZ22, YJL22, YLW+22, YZJ+22, YWT22, YZN22, YDY+23, YWL23, YLL24, YJ24, YWL21, YWZ21, YZZ20, YHLA22, YYY+22, YCL20, YLCC21, YFK23, YM23, Yu23, YWZ+23, YWLF21, ZWOM21, ZCL20, ZCYL24, ZH20, ZCXG20, ZL20a, Zha21, ZLT+21, ZD22, ZHZ+22, Zha22a, ZC22, ZR22, ZDWR22, ZDLC22, ZYTX22, ZRL+22, ZL22a]. **method** [ZF22, ZTW22, ZH23b, ZQY+23, ZZL23, ZZ23b, ZZH23, ZZ23a, ZSF23, ZJZ24, ZZ24a, ZLL20, ZXZF20, ZZ20b, ZLH22, ZPC22, ZPK22, ZL23c, ZSW23, ZA23, ZL22b, ZCA23, ZS23b, ZCW24, ZSL22, ZST22, ZZW23, ZHW20, ZQZ20, ZAPK23, dFLdSLM22, dlRRG21, BL20, BGG+20, BLMV24, GCSF21, HNLPP20, OSO+23, SBMS22, SLUW+21, YL20b, dVDR20]. **method-based** [KTFI23]. **methodology** [CO21]. **Methods** [BDG21, GZG20, JKL20, KCC20, Lop20, AXLW24, ADB+22, ABR20, AMV21, AAB+21, AFV22, BDMX21, BDV23, BHK+24, BS23a, BLF23, Bar21, BW21, BGK23, BER21, BZ23, BBS22, BBD21b, BJyST24, BSRVC20, CY23, CAD24, CM21, CG21, CLR23, CBI+23, CW20, CHZ23, CSI21, CSI23, DSS20, DD20, DZ22, DTV20, DTW23, EAM20, ERG+24, ELS24, EFFR22, FMS22, FP20, GLÖ21, GM21b, GP20, GO23, HZ21, HJM23a, Hoa22, Hof20, HHR24, JZPG21, JK22, JRZ21, JBKW23, KRO24, KP22c, Kei21, KPS23b, KC22b, KGB24, KFD+20, Kra20, KAKK23, Ku24, KD23, KP23, KWS21, LF24, LS22a, LG23, LP23, Leg21, LWL+20, LQ20, LZ20a, LZ21, LXJ+21, LD22, LWW24, LHF24, LAL+24, LX24, LC21, LLXY23, LMST20, MCW21, MI20, MA22, MZ23b, MCW22, Mit22, MCV24, MR24, NSMM21, NE22, NH24, NCRGVR21]. **methods** [NAE22, NCCD24, Oru20, Par22a, PD21, QSW23, QGQ22, QHHW20, QFL23, QN20, RSAG+24, RKRRL22, RHR+21, ST20a, Sch21, SZS20, SYZ23, SQ23, SLM23, SMR24, Sto20, SW24, TCW23, Tor20, TKK22, TKK23, VLD+24, WFH+20, WW20a, WKC21, XZ23, XF23, YA23, YTK21, YCCW24, YFK20, YM21, YW24, YH21b, ZM20, ZKTK21, ZQM20, ZFZ20, ZFL22, Zha22c, ZC23, ZXXX23, ZH23a, Zha23, ZZ24b, ZPC20, ZLL23, ZLJT20, dlRGR20, CM20a]. **Metric** [WRMB23]. **Metric-based** [WRMB23]. **MFEM** [AAB+21, WLJ21]. **MFS** [AAA24, Sch21, YLCC21]. **MG** [HLPW22]. **MHD** [AAG22, GO20, JSBZ22, Tür20, ZS23a, ZSF23, ZZ24b]. **micro** [AA20, DBH+21, SQC23, WLZZ22]. **micro-duct** [AA20]. **micro-electro-mechanical** [WLZZ22]. **micro-organisms** [SQC23]. **microarchitectured** [KJL+20]. **microbial** [FGK+21]. **microelectronic** [CRDS20]. **microenvironment** [LWZ22]. **microorganisms** [AWA+22, AAG22]. **microplates** [AA21]. **micropolar** [JSSS24, Rav20, SBH+21]. **microsphere** [HYH23]. **microwave** [KPS23a]. **migration** [PLVL21, SQC23]. **Miller** [SXCB24]. **mimetic** [Lee21]. **Mindlin** [DD22, YZZ20]. **Minimal** [SW21, BMvdZ21, BMP+24]. **minimal-residual** [BMvdZ21]. **Minimization** [LMMMP20, BM20, Bar21, HSM+23, ŁMMMP21, RGL22]. **minimum** [BBK24, KV20]. **miscibility** [ZGW23]. **miscible** [BM23, HLH+20b, SR21, WCH20, YZN22, ZH20]. **MITC3** [PND+24]. **Miwa** [Waz20]. **Mixed** [ACXI24, ADFP23, DMRV24, GP23, JK22, LY21, QV22, TKK23, ZK21, AGLR21, ÁCS22, APS21, BHJ21, BMZ20, Bar21, BHZ20, BB23a, BDL20, BLMV24, CGO22, CCW22, CCGI23, CO21, CW20, CWC22,

CHL21, CRF+20, DLN24, DS20, DFSV22, DG22b, DGQT20, DFGS24, FHM22, FLS23, FCFW21, GQ23, GPRS22, GOV20, GORBS21, GI21, GDA21, GAM22, GKK+20, Gut20, HZJ+22, HWW21, HLQ24, Hoa22, HAC23, KPJO22, KK21, Koc22, KBW23, Lee21, LXH24, LS21, LS23, LLW+23b, MHHR20, MD21, MCW22, MS20b, MCV24, OSZ22, Qiu21, SM22a, SL20, SJ21, SLGF20, SR22, TCA22a, TCW23, WTSZ20, WDZ21, WX22, WCWZ22, WF24, WYW+24, YJ24, ZR23, ZH20, ZHYL21, ZQY+23, Zha24, ZCA23]. **mixed-dimension** [Koc22]. **mixture** [BM23, SRP21]. **ML** [BMvdZ21]. **ML-MRes** [BMvdZ21]. **MLMCE** [LL22b]. **MLMCE-HDG** [LL22b]. **MLS** [ZZL23]. **MLS-based** [ZZL23]. **MM** [TW23]. **MM-ADMM** [TW23]. **MMALE** [SJ24]. **MMOC** [CLZW20]. **MMOCAA** [ZLW23]. **MMOCAA-DDM** [ZLW23]. **MMPDEs** [TW23]. **mobile** [BS23a, CLL21, CLZW20, DC22, QXCG20]. **mobile/immobile** [BS23a, CLL21, CLZW20]. **modal** [FK20, GLC24, NERB+22]. **mode** [AS23, CDPL24, NML23, RCSM23, SSZ20]. **Model** [ABC+22, HGD21, WH20, YL20b, AADMA23, ASGGRG23, ADR24, AOL22, AL23, ADL+21, AZY22, AGM+22, AJK23, AMC23, AAK24, BWZ23, BNSZ24, BGR23, Bal21, BRÁ+20a, BZDQ21, BMP21, BMS22, BT22, BOSV20, BM23, BABS20, CCH24, CLLG23, CRM22, CM23, CMS23, CLH21, CWC22, CHJR21, DD20, Der23, FGK20, FdOS20, FGG+20, FL22, GORBS21, GPY22, GBK23, GM22, GJM22, GHSR23, GV20, GI20, GML+20, GGRBRG20b, GGRBRG20a, GZAR23, GSRG21, Ha20, HK20b, HK20a, HJZ23, HJM23b, HXW23, HH21, HH22, HLH+20a, HLH+20b, HHY+22, HFG23, HWZQ23, HX22, HKL+23, IZ20, JWL20, JAMX24, JL23, JM20b, KP22a, KP22b, KEUY23, Kar24, KTY23, KGW+21, KMP20, KTY24, KR24, LMP23, Li20, LWSZ21, LGQZ21, LD22, LAX22, LXRQ22, LHC23, LY23, LC23a, LZF23, LQYJ23, LZBC24, LR23, LZ20e, LFY+20, LS22b, LYZ23, LQZ23, LLW+23b, LCC+24]. **model** [LARGVR23, LP22a, MJRM20, MS20b, NS24, NM23b, NS20, NCRGVR21, PH23, PNT+23, PTNR24, PZZ23, QHHW20, QWC+23, RZSL23, RG21, RNMÖX24, RWaZ23, RYAM21, RGL21, RUMT+24, RLSC23, RGL22, SK23, SHWC22, SSZ20, SWWZ23, SHQL20, SYHN24, SRP21, TJYL22, TPOT20, VGA+22, WSGT21, WZY22, WXF22, WCWZ22, WDYZ24, WHH22, WS21b, WSO+23, WZCS20, WCY+24, XKXL22, XWXF23, XTZZ24, XHL24, YLY20, YTK21, YJL22, YLQ22, YWT22, Yan24, YYY+20, YCWS20, YW20, YZW+22, ZKBC21, ZBKC22, ZWMF24, ZL20a, Zha21, ZXGF22, ZHHL23, ZWT23, ZL23b, ZGW23, ZZZ24, ZWCS20, ZHZ23, ZS23b, ZMS21, dCG20]. **model-based** [GZAR23]. **modeled** [zLqLZ+24]. **Modeling** [FKR21, SS20, YTT+22, AS21, AKA+21, AS23, AZL20, AEF23, Bot20, EJWD23, EKB20, FJP22, GWYR22, HTDT23, LBTVG22, LWZ22, LS20, LYRW21, MIOK21, MRP20, RST+22, SQC23, SDM21, SMS23a, SC21b, US20, YA21, ZHZ+22, ZYM24, ZDLL22]. **Modelling** [SGAC+20, AM20, AFV22, DMŠ22, KAKK23, vtWHG+22, XJY+20, ŻW21a, ZWOM21]. **models** [AD21, AL22, ASSV20, BMH22, BHPS24, BC20a, BDS+22, BGD22, CLL21, CDLW20, CS23b, CFG+23, ČPPŠ20, DGQT20, DFGS24, EP23, FNGDV23, GHS23, HEDT20, JW20, KBR20, KK21, Kri20, KJ22, KOMK20, LF24, LML23, LZL+21, LP22b, LN22, MLJ+20, MJVH24, MCK+23, MZ23b, PN24, SGZ+23, SLM23, SSK+23, SLYL22, THF20, TZ20, UHP23, WYT23, XFS23, XHH+23, XZS+23, ZXZF20, Zha22d]. **modes** [Hak20, SM22a]. **modification** [LZG+23, ZLL20]. **Modified**

[Ale23, ABLS23, Men22, RZŠ21, BWZ22, CGK24, CZ20, CSI23, CCGRL21, DK23, HSZ22, LGQZ21, LJ24, PHL21, RG21, RUMT+24, SHQL20, SZ24, SWW22, TZX23, XZT23, XP22, YM21, ZZ21, ZTW22, ZWT23, ZH23a]. **modular** [AAB+21, HJM23a, HJ24]. **modulus** [ZZ23b]. **moist** [KTFI23]. **MoL** [BDL20]. **molecular** [ZJCG21]. **mollification** [ZDWR22]. **molten** [Cao21]. **moment** [BN20, Leg21, LLZ+23, Mal22]. **moments** [LLZ+23, WCY+24]. **moments-based** [LLZ+23]. **momentum** [KK23b, ZDW23]. **Monge** [SNHH21]. **Monolithic** [BAB+20, Haj21, BBD21b, CWTM20, HC23, PCC21]. **monotone** [ABL24, NY22, NFS24, RZ21]. **monotonization** [Orl23]. **Monte** [AHM20, BW21]. **Moore** [AAC23]. **Morley** [DPP21, Men22]. **morphable** [WFW+24]. **Morse** [KC20, KWK24]. **mortar** [APS21, MMPR20]. **motility** [HHNV23]. **motion** [MW20, ZZZC24]. **Moving** [KC21, SGZ+23, BDV23, CCG+23, HRS20, JBKW23, KK23a, KJ21, LS22a, LSV21, Li21, MGBN22, QFL20, SD21, SNHH21, WFW+24, WHC24, XJ21, XZ24, ZY21b]. **moving-domain** [ZY21b]. **MPI** [KTXP21]. **MPI-AMRVAC** [KTXP21]. **MPS** [Sch21, YLCC21]. **MPS-MFS** [YLCC21]. **MRes** [BMvdZ21]. **MRT** [BP20]. **MRT-lattice** [BP20]. **mufflers** [XJY+20]. **Multi** [LQZ23, Qiu21, ZM20, ZJZ24, AM23, ASH+21, AMC23, ASZ24, BMST20, BHC20, CBŁP23, CYKL23, CM20a, DSL24, DAS20, EFK+23, FC24, Fia21, GKHU22, GCMS21, HZR23, Hoa21, HYW+24, HLN24, HAC23, KV22, Kim21, KLK+22, KP23, LHC23, LSRL24, LYL+22, nMjWlS24, MLLL24, MR24, NC20, PWMC23, PLVL21, QGQ22, RCSM23, SM22a, SYHN24, Top22, WZZ20, WYT23, XZSY23, ZP24, Zdu21, ZYTX22, ZSK23, ZGW23, ZX20, ZWS22]. **multi-agent** [ZWS22]. **multi-asset** [CYKL23]. **multi-component** [WYT23, ZGW23]. **multi-core** [Fia21]. **Multi-dimensional** [ZM20, AM23, CBŁP23, DAS20, GCMS21, HZR23, Kim21, LSRL24, QGQ22]. **multi-domain** [nMjWlS24]. **multi-frequency** [MR24]. **multi-group** [XZSY23]. **multi-layer** [Hoa21]. **multi-layered** [ASZ24]. **Multi-level** [Qiu21, HLN24, NC20, PLVL21, Zdu21]. **multi-linear** [BHC20]. **multi-mode** [RCSM23]. **multi-noise** [LHC23]. **multi-order** [HZR23]. **multi-parameter** [FC24]. **Multi-patch** [ZJZ24, BMST20, EFK+23, KV22, SYHN24]. **Multi-phase** [LQZ23, ASH+21, ZP24]. **multi-resolution** [WZZ20]. **multi-scale** [AMC23, DSL24]. **multi-slice** [KLK+22]. **multi-step** [PWMC23]. **multi-symplectic** [ZSK23]. **multi-term** [GKHU22, HYW+24, HAC23, KP23, LYL+22, MLLL24, SM22a, Top22, ZYTX22, ZX20]. **multi-trace** [CM20a]. **multiblock** [ZP24]. **multibody** [JJOG20]. **multicomponent** [Bal21]. **multiderivative** [TSS24]. **multidimensional** [Bra20b, JM20b, KJ20, KSSS23, SQLZ21]. **Multigoal** [ELN+20]. **Multigoal-oriented** [ELN+20]. **Multigrid** [DDFZ23, ZH23a, ABS23, AFM+24, BHPD23, BMK21, CAD24, Gun22, HC21, KWS21, LHC+22, Liu20, PD21, SSW20, WPLW22, XLS22, YPZ+21, dlRGR20]. **multigrid-homotopy** [Liu20]. **multigrid-reduction-in-time** [YPZ+21]. **multigroup** [TO20]. **Multilayer** [FNGDV23]. **multilayered** [AZL20]. **multilevel** [AHM20, BW21, CEB24, JRZ21, LNF24, LGQZ21, ZZL22]. **multinode** [DDNS21]. **multiphase** [Bal21, EH23, HQCW22, MRN+20, NC20, NDC22, XTZZ24, YWZ+23]. **Multiphysical** [SP20]. **multiphysics** [BEG+21, GPY22]. **Multiple** [JICRMG+20, ADL+21, ADG23, BTYM+21, BD23, BC20b, HHL22, Kra20,

LLX23, MK20, SN20b, WZ21, Waz20, WZCS20, WCY+24, YWZ+23]. **multiple-relaxation-time** [ADL+21, LLX23, WZCS20, WCY+24, YWZ+23]. **multiple-time-step** [WZ21]. **multiplicative** [CS20a, GSS24, LH23a, LS22b, dlRRG21]. **multiplier** [OAH+24, ZNH24]. **Multipoint** [Jaw21]. **multipole** [HHL+21, HLN24, LGQZ21, LX22, Pta21, RKRRL22]. **multiquadric** [SZ21]. **multirate** [BCCR20, JWW21a]. **Multiscale** [APS21, CO21, CEB24, CEL20, HLH24, KC23a, OCRN22, EKB20, HLPW22, PG21, PRN+23, WL23, WHH22, YD21, YD23, ZL20a, ZTL22]. **multithreaded** [ÇM20b]. **multivariate** [SLM23]. **Mumford** [SHQL20]. **MUSCL** [CCGRL21]. **MUSCL-type** [CCGRL21]. **MUSIC** [KP22d]. **mutualism** [LQCM20]. **mutualistic** [dCG20].

N [DK23]. **N-S** [DK23]. **Nagumo** [ZZZ24, KUK20, LZ20a, LY23, WPLW22, ZSY22]. **nano** [AMPB+22, CBK24, GBK23, SJM24]. **nano-polymer** [AMPB+22]. **nano-scanner** [GBK23]. **nanocomposite** [AA21]. **nanofluid** [AWA+22, AAG22, AIG+21, AAS+20, DK23, GO20, MAT+20, OAA+22, TSARR21, WX22]. **nanoliquid** [RG21]. **nanoparticles** [JFS20, MAT+21]. **nanophotonics** [NS20]. **nanotube** [MMP21, PCM20]. **nanotube-reinforced** [MMP21]. **nanotubes** [AAS+20, WCW20b]. **narrow** [WDGC20]. **NATriuM** [KWK+20]. **natural** [ÁCS22, BRÁ+20a, BL20, CZ23, GO20, Ima20, LLD23, LS23, OEASY24, SBH+21]. **Navier** [JWL20, WHH22, Agg20, ABR20, ACRBT23, BSRVC20, CCGI23, CW20, CL20, CTZ22, DKMS22, GOV20, GI21, HJM23a, HQLJ20, HX22, JRu24, KNBR22, LHF24, ŁMMMP21, LCT22, MRN+20, MZHJ24, PNT+23, QQY+23, QD20, RZC21, RDP20, SCCS21, SXKL24, WDZ21, WWS23, WaZWZ23, WFW+24, WWH23, XW24b, YHZ22, YW20, ZDW23]. **Near** [PGK20, GRR20, MIOK21, US20, YLY20, ZJCG21, aKST22]. **near-incompressible** [GRR20]. **near-inextensible** [GRR20]. **Near-wall** [PGK20, MIOK21, US20, YLY20]. **nearly** [AHLZ24, GI21, KP22a, ZR23]. **nearly-incompressible** [AHLZ24]. **Negative** [PKP21, Leg21, SR20, SV21]. **negatively** [ZZ23b]. **Nektar** [YPC+21]. **Nernst** [GDA21, LSWY21, ST22]. **nerve** [JJ23]. **nested** [Bot20, KCC20]. **net** [MP23]. **Network** [BV21, CGHJ24, CWX22, Dai22, DSR23, HLW23, HZW21, Koc22, LCC22, LC22, MH23, NES23, Pel23, SSZ20, SKG24, SGR+23, ZL20b, ZXGF22]. **network-based** [SKG24]. **networks** [AFV22, AFM+24, BFI+23, BF21, CGGY23, CDG+23, GWYR22, HLX22, HHL22, JKC24, KC22a, LDW+24, LCC+24, MB24, MRP20, MVHÖ23, MSBO23, PL24, SDM21, SW24, TFWX23, YDY+23, ZL23a, ZLQ23, ZL23b, ZHH21, ZWY23, ZW20b]. **Neumann** [HYW+24, LZ20b, nMjWlS24, Man24, MM21, MK20, SM23, jWC23, YS23]. **Neural** [YDY+23, ZL20b, AFM+24, BF21, BMP+24, CGGY23, CGHJ24, CWX22, CDG+23, Dai22, DSR23, GWYR22, HLW23, HLX22, HHL22, JKC24, KC22a, LDW+24, LCC22, LC22, LCC+24, MB24, MCK+23, MRP20, MVHÖ23, MH23, MSBO23, NES23, PL24, SDM21, SSZ20, SKG24, SGR+23, SW24, TFWX23, ZXGF22, ZL23a, ZLQ23, ZL23b, ZHH21, ZWY23]. **Neural-network-based** [ZL20b]. **neural-weighted** [BMP+24]. **neuron** [LY23]. **neurostimulation** [DTV20]. **neutral** [HZ21]. **neutrally** [ZZZC24]. **neutron** [MWY21, TO20, XZSY23]. **neutrons** [XZSY23]. **Newton** [BFVY23, BFE+21, CKS22, HLPW22, LQ20, Loh21, YPC+21, ZC22, ZHW20].

Newton-like [Loh21]. **Newton-MG** [HLPW22]. **Newton-type** [LQ20]. **Newtonian** [AAWJ20, CBK24, EGF+23, KC23a, OAA+22, OEASY24, OSZ22]. **Nicolson** [BDF24, GLLZ23, LHN24, LSW20, Li24, LLZL24, RWaZ23, WZ22, ZZH23]. **Nine** [MN23b]. **Nine-point** [MN23b]. **NIPG** [MZ23a]. **Nitsche** [CCWC23, DFK22]. **NLSE** [FWLD22]. **Nodal** [JRu24, KMS20, BNSZ24, XL22]. **Node** [LNF24, HC21, ST23]. **node-based** [PND+24]. **node-coarsening** [HC21]. **nodes** [Sch24]. **noise** [CS20a, DYZ22, GSS24, LHC23, LH23a, LS22b, RNN22, SDG20, TPOT20, WWH23]. **Non** [DFS21, DCCM23, EGF+23, Leg21, LLX23, SDM21, SC21b, UHLZ24, ADKH20, AS21, ADG23, AAWJ20, BDMX21, BTCV20, BZY20, BCF+23, CMPR23, CCGRL21, CL22b, DKH22, EFK+23, GCC20, GCJ23, HJP23, HV21, HRvdZ20, HKL+23, Ima20, KC23a, LFF+24, LSV21, LL20a, LLZ21, LXJ+21, LD22, LXRQ22, LCX+20, LS22b, LMMMP20, ŁMMMP21, MIOK21, MGD23b, MLJ+20, MRPK21, MCW22, MKP23, NAS20, NERB+22, OAA+22, Par22b, PLR21, PTNR24, PZZ23, QQX21, QC24, RZSL23, RLF21, RGL22, SB21, ST20a, SL20, SSD23, TMML23, WXZW21, WZTZ23, Wat22, YWLF21, ZZW20, ZJJ20, ZXGF22, ZF22, ZZ23b, ZLF+22, ZGL23, ZLL23]. **non-body-fitted** [MIOK21]. **non-circular** [DKH22]. **non-conforming** [BDMX21, EFK+23, NAS20, PLR21]. **non-convex** [LS22b, RGL22]. **non-equilibrium** [PZZ23]. **non-Fickian** [ZLL23]. **non-Gaussian** [HJP23]. **non-homogeneous** [CCGRL21, MRPK21, QC24, WXZW21]. **non-hydrostatic** [RZSL23]. **non-interpolatory** [ST20a]. **Non-intrusive** [SC21b, AS21, ZXGF22]. **non-isothermal** [MCW22]. **non-isotropic** [CCGRL21]. **non-iterative** [Par22b]. **non-linear** [ADKH20, ADG23, CMPR23, CCGRL21, CL22b, HRvdZ20]. **non-linearity** [MKP23]. **non-local** [MLJ+20, ZGL23]. **non-magnetic** [LSV21]. **non-Markovian** [LCX+20]. **non-matching** [BCF+23, LFF+24, ZLF+22]. **non-modal** [NERB+22]. **Non-negative** [Leg21]. **non-negatively** [ZZ23b]. **Non-Newtonian** [EGF+23, AAWJ20, KC23a, OAA+22]. **Non-orthogonal** [LLX23]. **non-oscillatory** [GCJ23, WZTZ23]. **non-overlapping** [BTCV20, MGD23b]. **non-premixed** [SB21]. **Non-relaxed** [DCCM23]. **non-residual** [GCC20]. **non-self-adjoint** [Wat22]. **non-selfadjoint** [BZY20]. **non-singular** [YWLF21]. **Non-smooth** [UHLZ24, LLZ21, SSD23, ZJJ20, ZF22]. **non-spherical** [RLF21]. **non-stationary** [HJP23, LD22, LXRQ22, LMMMP20, ŁMMMP21, MLJ+20, SL20]. **non-uniform** [HV21, HKL+23, Ima20, LL20a, LXJ+21, QQX21, TMML23, ZZW20]. **Nonconforming** [AMV23, Bar21, CKBK24, BFVY23, BMPP22, LR23, PZL23, SL20, SL21, SZ22a, SL24, WLW+22, Yu23, ZMS21, ZNMS23]. **nondivergence** [Füh21]. **nonequilibrium** [AGA+21]. **nonhomogeneous** [MM21, SWZC23]. **nonisothermal** [AEZ24]. **Nonlinear** [sCpLYhG23, DH24, SFR21, ZWW+23, AKO21, ANZZ23, AN23, APS21, AAK24, BMH22, BHPS24, BKM23, BAB+20, CG21, CCF+21, CLL21, CLZW20, CLZ23b, CGK24, CKS22, CFG+23, DPP21, DZ22, DBR21, EJWD23, ELN+20, FKW22, FHZ22, FX22, GPY22, GLLZ23, GCJ23, GWN21, Gut20, GO23, HJP23, HGW21, HJXW23, HHL22, IQS20, JKC24, Jaw21, JJZ21, JZHZ22, KRO24, KEUY23, KWLW24, KSSS23, LHN24, LHC+22, LPK22, LL20b, LT23, LLZL24, LL22c, LLW23a, Liu20, LY21, LQY22, LGZC23, LRZ23, LLXY23, Lob21, LdO21, LP22a,

MCD24, MB24, MJRM20, MA22, MLLL24, MN23a, MN23b, MS20b, NES23, NRV22a, NH24, NNT22, PKP21, PZL23, PSI+24, SM22a, SDJ+22, SDG20, SJ21, SZ22a, SZ22b, SJ23, SL24, SZ24, SQ24, SLYL22, TFWX23, TRL23, TCW23, WFH+20, WTSZ20, WLZZ22, WL22, WZY23, WLL23, WSCP24, WYW+24, WS20a, WLD22, XZ23, XSZ+23, XF23, YGZ+22, YWT22]. **nonlinear** [YWL23, YWL21, YFK20, YFK23, YLWZ20, YX21, ZQM20, ZLPR20, ZJJ20, ZL20a, ZFL22, ZRL+22, ZWT23, ZSK23, ZZS23, ZWCS20, ZLH22, ZWY23]. **nonlinearities** [RZ21, WL20]. **nonlinearity** [DZ21, HGW18, LHN24, ZH23b]. **Nonlocal** [BKM23, JAMX24, AN20, BH22, BDP23, BS23c, BGD22, CM22, DSL24, Gal21, GLLZ23, JW20, KCD+23, KC23b, Li20, LN22, QQX21, RZ21, ST20a, SL24, SJM24, TTKV20, WCW20b, WSS22, YWZ21, YHF24, ZWMF24, ZLH22]. **nonmonotone** [GB21, GB23, GO23]. **nonsmooth** [BM20, LK20, LWX21, Pło22, PT24]. **nonstaggered** [QD23]. **nonstationary** [HYJ20, QS20, SHD23, WZ21]. **nonsteady** [WLQ22]. **nonsteady-state** [WLQ22]. **nonsymmetric** [LZW21a, LZW21b, SM22b, ZYW20]. **nonuniform** [FZS22, KLK+24, KP23, LKC+24, MGD23a, ySRC22]. **nonzero** [RS21]. **norm** [AZHY22, CC20, KPS23b, Ku24, LX24, LQY22, LZ23, MN21, PKP21, SV21, STO22, TS21]. **Normal** [WSS22]. **norms** [BDMX21, LLXZ23]. **notches** [BNB20, GNB24]. **Note** [Ano20-69, FP20, XL20]. **Notes** [BHJ21]. **notice** [JL20, JFS20]. **Novel** [BB23a, GMS23, GP20, AZY22, AN21, BGPS20, BT22, FC24, FSH+23, GLL+20b, GLC24, HJXW23, HQL23, JWL20, LL22c, LSRL24, MNB23, SJ24, SA22, SWZC23, TL22, UHLZ24, WDZ21, WLD22, XHM20, XFX22, XSZ+23, XF23, YL20a, YCZ+21, ZCXG20, ZX24, ZCA23]. **November** [Ano20-56, Ano20-57, Ano21-51, Ano21-61, Ano22-62, Ano22-60, Ano23-61, Ano23-62]. **Noyes** [KEUY23]. **nozzles** [BEKV21]. **ntkFoam** [MWY21]. **nuclear** [MWY21]. **null** [Yan20]. **null-space** [Yan20]. **number** [CYC+23, EAM20, KMS20, ZPC20]. **numbers** [AL22, ABMS20, CO20, HMW21, HBC+21, JZHZ22, WDGS23]. **Numerical** [AKA+21, ARV23, ASH+21, Ant21, BS23a, BWR21, BTYM+21, BNQ21, BKW22, BLRRS20, BT22, BOSV20, CRRS21, CSS23, DMG23, DKH22, DKMS22, EJWD23, FL22, GZG20, GDA21, GCC20, HHJO20, HSWG21, HJM23a, HJ24, HLMM20, HQCW22, HYJ20, HX22, ISA24, JMM20, JWW+21b, KP22b, KK23b, LSH21, LWSZ21, LQYJ23, LSRL24, LXH24, LFY+21, LLJ23, LARGVR23, MAT+21, MLS22, NE22, NS24, QHHW20, RG21, RYAM21, SC21a, SGZ+23, SV21, SN20b, SMR24, TSARR21, Vab22, WZC+20a, WSGT21, WKGH21, WSO+23, WWH23, XCLX24, XXAD21, XGL21, XLZ+21, YZ21, YL22, YZJ+22, YYZ22, YL20b, YLFL20, YTY24, ZSH+21, ZDW+20, ZDWR22, ZJCG21, ZL23c, ACDL24, AFS24, ACV21, ABMS20, AFV22, ASSV20, AEF20, BZDQ21, BGK23, BDL20, BDP23, BGPS20, BKT+23, BPID20, Cao21, CWW22, CK23, CMS23, CMY23, CCGRL21, CPBF21, DD21, DN22, Din21, DP20]. **numerical** [DC22, DYZ22, EFK+23, FMS22, FC24, FRW22, GF21, GGRBRG20a, HLEF20, HH22, HHM21, HZ24, HD21, HHNV23, HZR23, Hof20, HZW21, Hop23, HLN24, HHG20, IZ20, JSSS24, JWZ22, JM20b, KRO24, KRESA21, KLK+24, KN20, KJ20, LF24, LNT22, Lee20, LYZ23, LP22b, MRP20, NM23a, OCCM21, PV20, PWWJ23, RNMÖX24, Rou20, RR22, SSY22, SB24b, SHWC22, SP20, SSD23, SKG24, SSK+23, SNL23, Tad23, TGARGT+23, VJ22, WYS+20, WCWZ23, WDYZ24, hWCsLjH21, WS21b, XL22, XFS23, XTZ+21, YZL20, YTK21, YLQ22, YCCW24, ZZCM20, ZO21,

cZsCyC23, ZWT23, ZZL23, ZHZ23]. **Numerically** [LZ20d, JL19, JL20]. **numerics** [CFP22]. **NURBS** [SFR21]. **NURBS-based** [SFR21]. **NVD** [YL20b]. **Nyström** [HSR+23, TPA24].

O [GO20, MAT+20]. **object** [ASZ24, MN24, PH23]. **objects** [BHDV22, FGK20]. **oblique** [BWZ22, BWZ23, TSARR21]. **observation** [AOL22, YYY+20, YTH+21]. **observations** [HTBMC20, Wat22]. **observed** [SXKL24]. **observer** [SSZ20, ZWW+23]. **observer-based** [ZWW+23]. **obstacle** [KPS23b]. **obstacles** [BBS21]. **occurring** [BNC+23]. **ocean** [MS22]. **Octave** [RHR+21]. **octic** [JVBM23]. **October** [Ano20-54, Ano20-55, Ano21-65, Ano21-58, Ano22-63, Ano22-64, Ano23-64, Ano23-67]. **octree** [SGF+21]. **off** [BABS20]. **off-lattice** [BABS20]. **oil** [CCGRL21, DP20, WYS+20]. **oil-water** [WYS+20]. **Oldroyd** [LYL+22]. **Oldroyd-B** [LYL+22]. **once** [ZX24, ZGL23]. **one** [HM20, HA23, MMC21, PLVL21, TO20]. **one-dimensional** [HM20, HA23, MMC21, TO20]. **one-way** [PLVL21]. **Online** [RBSC24, LHH22]. **onset** [KRESA21]. **onto** [HSM+23, WZXN21]. **Open** [Kam21, KKA+21, RGS+20, XXAD21, ZK21, BDJ20, GS22, HMX21, KGW+21, Par22c, QD23, ZLF+22, RSB+21]. **Open-loop** [RGS+20]. **Open-Source** [XXAD21, Kam21, HMX21, KGW+21, ZLF+22]. **OpenCAL** [RFG+21]. **OpenFOAM** [MWY21]. **OpenLB** [KKA+21]. **operational** [UHLZ24]. **Operator** [ACLP24, UHP23, ADFP23, BHD+21, BHDV22, CYQW21, CYKL23, DMRV24, EIJH21, HJXW23, JYHS23, KEUY23, LKC+24, LP22c, OF20, Sch21, SZ22b, VLD+24, WXF22, WHT22, WWL22, WSCP24, YWL23, YKMZ21, YTT+22]. **operator-splitting** [WXF22]. **operators** [CV20, DDNS21, DZ20, DE21, GPA21, KP20, LQW22, MGD23b, PV20, Pon20, STO22, SW21]. **optical** [WZY23]. **optics** [HWY23]. **Optimal** [ACLP22, Boł22, CY23, CYQW21, DG22a, EGP20, FLW20, GWYR22, HHM21, He23b, HAC23, KC20, KN20, KVV23, LL22a, NM23b, SL24, YLQ22, YWPS24, AFS24, BHS20, BKW22, BBI+22, BF21, BGZ22, BJyST24, BC20b, CSB+21, CM21, CM23, CDM24, CSCY24, DSR23, DO23, DHVT20, DH23, ELN+20, FF24, GS22, GWN21, HYZZ24, KUK20, Kar24, LLSY24, LCW22, LAL+24, LC23b, LC21, LQY22, MI20, MN21, NE22, PR20, RR23, RGS+20, SZ22b, SGR+23, SW20b, TS21, TCA+22b, TKK23, WLX22, WM23, WZD24, XP22, YY20a, ZCL20, ZL20b, ZJJ20, ZC22, ZZH23]. **Optimal-order** [KC20]. **Optimality** [Axe20, BC20b, GB23, KN20]. **optimisation** [AMPB+22, MJVH24, PNT+23, PTNR24, ZKTK21]. **optimisation-based** [PNT+23]. **Optimised** [CM20a]. **Optimistic** [BGZ22]. **Optimization** [PBR24, WWZ+24, BV21, BGG+23, BKK+23, BLM+24, BGD22, CK23, CLH21, CEB24, ERHL22, FYM23, GPRS22, IJS+24, KPO+21, LL22c, LML23, NIT+20, NNNT22, OKSS21, Par22a, PWMC23, PDB22, UuIUK21, VSG21, WFW+24, WSO+23, Wol20, XYT+21, XXYL23, YS23, YYY+22, ZYW20]. **Optimization-based** [PBR24, BGD22]. **Optimized** [AXLW24, ADB+22, BTCV20, LCY23, WFMD20]. **option** [Che24, NS24, SLM23, TZ20]. **options** [AG24, ASSV20, CDLW20, CYKL23, GM22, RYAM21, Rou20, SMR24, YZL20]. **orbit** [GM21a]. **orbit-coupled** [GM21a]. **Orbital** [LZ20c]. **Order** [BBD21b, KNBR22, QD20, AD20, AADMA23, AS21, AAC23, AKO21, Ade20, Adj22, AFS24, ANZZ23, ADB+22, AZY22, AMM23, BNV22, BS23a, BZ20, BZ22, BBK21, BGH20, BB23a, BCT21, BM21, BLMV24, BS23c, BWMW23, BSRVC20, CT22, CBŁP23, CLZ23a, CCH24,

CM21, CG21, CCF+21, CLL21, CLLG23, CK23, CCWS20, CS20a, CLZW20, CMY23, CQG+24, CL21, CFG+23, CCGRL21, CRF+20, CDPL24, DD21, DPP21, DLN24, DG22a, DE21, Der23, Din21, DWS20, DSL24, DW20, DAS20, DC22, DSF24, EAM20, FSS+20, FSW20, FWLD22, FHM21, FHZ22, FX22, GLL+20b, GQ23, GSS24, GP23, GNB24, GDA+22, GDŁW23, GCJ23, GQZ23, GCMS21, HJM23b, HLX20, HSZ22, HH23, HZR23, HHW21, HHL+21, HLPW22, HAC23, HQL23, HHG20, JVBM23, JWZ22, JHG+21, JZHZ22, JW20, KSS22, KUK20, KBR20, Kei21, Kim21, KC20, KWLW24, KBB+21, KAKK23, KSS+20]. **order** [KSSS23, KC23b, LG23, LCY23, LLD23, LQ20, LSH21, LWSZ21, LL22a, LXRQ22, LH23a, LHF24, LS20, LML23, LX24, LS21, LY21, LdO21, LN22, MWYY22, MFZX23, MI20, MRN+20, MW20, MJVH24, MA22, Men22, MJR20, MKP23, MN23b, NDC22, NAE22, OCCM21, PS22, PHL21, PZL23, PNT+23, PTNR24, Pta21, QH22, QQX21, QFL23, QWC+23, QXCG20, Rav20, Rou20, RR22, SDM21, SMDC23, SHM21, SV21, STM21, ySRC22, SHD23, SJ21, SLM23, SSD23, SCdH21, SKG24, SSK+23, SR21, SR24, SvV20, ST20b, SC21b, SWZ23, TLZF20, TA22, TQX23, TS21, TRL23, WCL20, WW20b, WZZ20, WH21, WZY22, WZ22, WZTZ23, WCWZ23, WGC23, WLL23, WDYZ24, WYW+24, WL20, WKC21, WARX23, Xen20, XFLZ22, XZ23, XZ24, XHH+23, XSZ+23, XHL24, YSGD20, YCZ+21, YTK21, YZT21, YHZ22, YL22, YS23, YHF24, YFK20, YFK23, YM23, Yu23, ZM20, ZR23, ZCYL24, ZLT+21]. **order** [ZO21, ZFL22, Zha22c, ZXGF22, ZYTX22, ZLJ+22, ZXXX23, ZAH23, ZZS23, ZL23b, ZSF23, Zha23, ZZ20b, ZLL23, ZHZ23, ZLJT20, ZCA23, ZW21b, ZMS21, ZQZ20, ZZFL21, BB23b]. **order/** [HHR24]. **orders** [CZ23]. **ordinate** [SSW20]. **organisms** [SQC23]. **orientation** [SGAC+20]. **oriented** [BBK21, BBI+22, BMvdZ21, CNT23, DSS20, DBR21, ELN+20, ELS24, HIP23, Mal22, VR20]. **Orthogonal** [LHH22, AS21, BDF24, GCC20, LC23a, LLX23, LYXC21, PLR21, SM22a, TQX23, WYHQ24]. **orthopedic** [YKNS23]. **orthotropic** [AAC23, TPA24]. **OSC** [YZT21, ZYTX22]. **oscillating** [GHS23, NIT+20]. **oscillatory** [AMS24, GCJ23, KP24, WZTZ23]. **Oseen** [Agg20, BLF23, PG21]. **osmosis** [CMPR23]. **outline** [LP22b]. **outlook** [KEUY23]. **Output** [HJ23]. **outs** [UHP23]. **oval** [MAT+20]. **over-determined** [LNT22]. **over-integration** [YQZL22]. **over-penalized** [LG23]. **overcoming** [Zha22e]. **Overlapping** [CPS21, BTCV20, DLC22, DZ24, GLC24, JRZ21, MGD23b, ZS23b]. **overlying** [KARS23]. **overset** [ZP24]. **Overview** [RHR+21]. **oxide** [YLQ22].

p [WXF22, XWXF23]. **p-adaptive** [WXF22, XWXF23]. **package** [HMX21, KWS21, XMQ+21]. **packaging** [CRDS20]. **Pages** [Ano20-50, Ano20-58, Ano20-65, Ano20-61, Ano20-66, Ano20-68, Ano20-59, Ano20-63, Ano20-64, Ano20-49, Ano20-51, Ano20-53, Ano20-60, Ano20-62, Ano20-56, Ano20-57, Ano20-54, Ano20-55, Ano20-67, Ano20-52, Ano21-52, Ano21-59, Ano21-53, Ano21-50, Ano21-64, Ano21-60, Ano21-56, Ano21-63, Ano21-54, Ano21-67, Ano21-49, Ano21-57, Ano21-55, Ano21-51, Ano21-61, Ano21-65, Ano21-58, Ano21-66, Ano21-62, Ano22-52, Ano22-57, Ano22-70, Ano22-55, Ano22-59, Ano22-69, Ano22-51, Ano22-58, Ano22-56, Ano22-49, Ano22-71, Ano22-67, Ano22-65, Ano22-66, Ano22-54, Ano22-68, Ano22-61, Ano22-62, Ano22-60, Ano22-63, Ano22-64, Ano22-53, Ano22-50, Ano23-57, Ano23-56, Ano23-71, Ano23-65, Ano23-72, Ano23-70, Ano23-52, Ano23-54, Ano23-51, Ano23-50, Ano23-59, Ano23-63, Ano23-60, Ano23-66,

Ano23-55, Ano23-58, Ano23-53, Ano23-49, Ano23-61, Ano23-62, Ano23-64, Ano23-67, Ano23-68, Ano23-69, Ano24-44, Ano24-32]. **Pages** [Ano24-45, Ano24-34, Ano24-38, Ano24-41, Ano24-40, Ano24-43, Ano24-39, Ano24-31, Ano24-35, Ano24-37, Ano24-42, Ano24-36, Ano24-33]. **Pagosa** [RCSM23]. **Painlevé** [Waz20]. **Palabos** [LMK+21]. **panel** [LL22c, SP20]. **panels** [MMP21]. **papers** [ZSH+21]. **parabolic** [AD21, ACDL24, AGLR21, AMN22, ANZZ23, APS21, BAKR24, BB23a, BDF24, BCT21, CCX21, CM22, CKBK24, CNT23, DN22, DLC22, DZ21, ELS24, FK21, GQ23, GLLZ23, HZJ+22, HTBMC20, HGW18, HA23, IQS20, Ila20, KBB+21, KPJ22, KSJ23, LK20, LXZ23, LAL+24, LZ20e, LN21, LMST20, Man24, Ngu20, PKP21, PSI+24, QGQ22, RDF24, RS21, SMDC23, SL21, SL24, SU23, SW21, SNHH21, TPOT20, WYHQ24, Wol20, YS23, ZCL20, ZXGF22, ZZH23, ZX22]. **parabolic-parabolic** [LZ20e]. **Paradigm** [HC22a, DFHT21]. **Parallel** [BFI+23, DS20, Fia21, LMK+21, WLQ22, AHM20, BHPS24, BW21, BGH20, CGHJ24, CPBF21, ÇM20b, DZ24, GHMD22, GDA+22, HMX21, JZS23, KTXP21, LD22, ŁWP+23, PLVL21, TW23, WDZ21, WZS24a, XHL21, XHL24, ZWOM21, Zdu21, ZS21, ZS23b, ZZS24]. **parallelization** [LHH22]. **Parallelized** [AGM+22, ZCXG20]. **Parameter** [AHLZ24, BDJ20, MMN21, BGD22, CGGY23, FC24, HHW21, JJZ21, KM22, LCY23, LM24, MJVH24, MVHÖ23, PTNR24, SH22, WZY23, YEO21, ZDWR22, Zha24, ZWS22]. **parameter-adaptive** [MJVH24]. **Parameter-free** [AHLZ24, LM24, Zha24]. **parameterization** [MHHR20, ZJZ24]. **parameterized** [AXLW24, KV22, MWRA22, SC21b, YX21, ZXGF22, ZZ20b, ZYW20]. **parameters** [BHDV22, FLW20, IJS+24, RYAM21, RR23, SB21, SAVHB22, SLUW+21, VT21, XW24a]. **parametric** [BX20, BMP+24, CL24, DSR23, EIJH21, GHSR23, JVBM23, Kri20]. **parametrized** [ABR20, CSB+21, KBR20, KNBR22, SDM21, UuIUK21, WARX23]. **parareal** [GHS23, MZHJ24]. **part** [BGK23, GP22a, NW24, WN24, GGRBRG20b, GGRBRG20a, HH21, HH22, MR22, Mit22, WZC+20a, WZC+20b, ZKBC21, ZBKC22]. **Partial** [NSRI24, ABFPA24, BCCR20, CMM23, Dai22, FS21b, GO20, GKHU22, He23a, HZW21, LMLZ23, MN23b, OP24, PV22, PSI+24, SMDC23, SR23, SZ21, TFWX23, TBO20, Ull20, WCL20, YOF20, YLCC21, YWPS24, ZGW23, ZA23]. **partial-integro** [SZ21]. **Partially** [ADD22, ČPPŠ20, MGBN22, WL23]. **Particle** [ABC+22, ASH+21, CCG+23, JWW+21b, LGQZ21, Lin24, LAB23, MRS21, RLF21, SADW21, SGAC+20, SHT+24, XJ21, YD21, ZZZC24, ZL20b, ZHZ+22, dSG20]. **particles** [ANH+21, DKH22, HKJ23, HLH+20a, PWJ+24, SGJJ20, SCD23, SLX+23, XGL21, ZYM24]. **particular** [ABFPA24, SAVHB22]. **partition** [AM22, Du24, RDF24, HNLPP20]. **partitioned** [GPL21, JJOG20, LXRQ22, WZ21]. **partitioning** [YD21]. **parts** [NERB+22]. **passive** [DT23, Kri20, KOMK20, PBR24, YL20b]. **patch** [BMST20, BGKV20, EFK+23, KV22, SS20, SYHN24, YH21a, ZJZ24]. **patches** [YJZ20]. **path** [JICRMG+20, OKSS21]. **path-tracking** [JICRMG+20]. **Pattern** [KYY+20, ZZZ24, Bar22]. **patterns** [CBK24]. **PCA** [CEB24]. **PCA-based** [CEB24]. **PCHPDDM** [JRZ21]. **PCM** [JFS20]. **PDE** [ASSV20, BV21, CSB+21, CKBTS24, CKBK24, ELN+20, GP22a, GPRS22, HK20b, HK20a, IJS+24, Kar24, KTXP21, LNF24, LP22b, NES23, SW20b, YLWZ20]. **PDE-based** [LP22b]. **PDE-constrained** [BV21, CSB+21]. **PDEs** [BBI+22, BMVA23, BB23b, BX20, BMP+24,

CAD24, CCX21, CD20, CSS23, DSS20, DN22, Füh21, HA23, Ila20, KP24, LC21, LC22, Lop20, LP22c, MB24, MCK+23, NH24, SDM21, STM21, SU23, WZT23, XXAD21, Zha22b, ZXGF22, Zha23]. **Penalized** [BBS21, LG23]. **Penalty** [NAS20, BLRRS20, BJyST24, DSF24, EFFR22, GPRS22, HBC+21, HHW21, LM24, MH22, RZ21, Zha22c]. **penalty-projection** [DSF24, MH22]. **pencil** [GF21]. **pentatope** [WN24]. **pentatopes** [WFMD20]. **perfectly** [KP22d, YCL20]. **Performance** [ZDLC22, BEG+21, DdSP21, Fan23, GM22, Kra20]. **performances** [XJY+20, ZCZ+21]. **perfusion** [BGG+23]. **peridynamic** [Ale23, BDP23, Ha20, LP22a, SGZ+23, SMS23a, WDYZ24]. **perimeter** [NRV22b]. **periodic** [DHW20, PWWJ23, Wol20]. **periodicity** [ZLQ23]. **permeable** [LL20a]. **permeation** [ZBKC22]. **permutation** [PXLY23]. **Perona** [LHC23]. **personalized** [YMTS20]. **perspective** [AMP20, HLX22]. **perturbation** [LL22c, Men22]. **perturbed** [BHJ22, CGGY23, CMR22, CSS23, CG22, DN22, KSS22, LHN24, LY23, LX24, LZ23, MZ23a, SG23, STO22, SSD23, SN20b, WML21, Xen20, ZZ23a, ZZ24a]. **Peterlin** [HJM23b, YJL22]. **petroleum** [DG22b]. **Petrov** [AD20, BS23a, BDG21, CO21, CRM22, CM23, CHD24, HHR22, HRvdZ20, Lee21, LCW22, MCW21, Nie23, RZC21, Sto20, ZXZF20, ZSW23]. **PETSc** [JRZ21]. **PFASST** [BMK21]. **PFEM** [LFF+24]. **PFEM-FEM** [LFF+24]. **PGHW** [HJP23]. **phantom** [EGF+23]. **Phase** [BC20a, LYP+22, ASGGRG23, ANWW21, ASH+21, AEZ24, AZY22, BMH22, Bal21, BAM+21, BBDM21, BM23, CLLL20, CLH21, CCGRL21, DBH+21, DMŠ22, EBDY22, FL22, GNZ24, GML+20, HXW23, HHY+22, JWW21a, JWL20, JW20, JFS20, KP22b, LHC+22, LWSZ21, LAX22, LQYJ23, LJ24, LYRW21, LQZ23, LLW+23b, MAT+20, NRV22a, PHL21, PL24, QZH23, QP24, RST+22, SK23, SYHN24, TK20, TWH+22, WYS+20, WZY22, WXF22, WYP23, WHH22, WSO+23, WYT23, XKXL22, XWXF23, XXYL23, XZS+23, YK20, YZJ+22, YWT22, Yan24, YCWS20, YWZ+23, YZW+22, ZP24, ZKBC21, ZBKC22, ZL20b, ZTW22, ZWT23, ZL23b, ZGW23, ZHZ23, ZK21]. **phase-change** [ZK21]. **Phase-field** [LYP+22, ASGGRG23, ANWW21, BMH22, CLH21, DMŠ22, GML+20, HXW23, JWW21a, JWL20, LAX22, SYHN24, WZY22, WHH22, WYT23, YK20, YZJ+22, YWT22, Yan24, YZW+22, ZKBC21, ZBKC22, ZTW22, ZWT23, ZHZ23]. **phase-field-based** [YWZ+23]. **phase-wise** [NRV22a]. **phases** [BM23]. **phenomena** [HRvdZ20]. **phenomenon** [KP21, Zha22b]. **photoacoustic** [AOL22]. **photonic** [CLH21]. **photonics** [Bot20]. **photovoltage** [FKR21]. **Physical** [LDW+24, FCF22, PL24, XZ23]. **physical-informed** [PL24]. **Physics** [CGGY23, GI20, GZAR23, TFWX23, CGHJ24, CGI+22, CDG+23, DSR23, HHL22, JAHM23, LCC+24, MSBO23, NES23, ZL23a, ZL23b]. **Physics-based** [GI20, JAHM23]. **Physics-informed** [CGGY23, GZAR23, TFWX23, CGI+22, CDG+23, HHL22, LCC+24, NES23, ZL23a, ZL23b]. **PI** [CCGV22]. **PI-type** [CCGV22]. **Picard** [ZST22]. **Piecewise** [AMS24, BL20, CCH24]. **PIES** [BZ21]. **piezoelectric** [AA21, LYXC21, SS22]. **piezolaminated** [MKM+24]. **pin** [DBH+21]. **PINN** [FWLD22]. **pipe** [HLCW24, TMML23]. **Pitaevskii** [FHZ22, WTQ+20]. **pitcher** [HA23]. **pitching** [PSSW20]. **pivoted** [ADD22]. **placement** [Gra21, MHHR20]. **Plain** [HIP23, CBK24, FP20]. **Planar** [BCK24, BGKV20, GKK+20, LD24]. **Planck** [GDA21, HHR22, LSWY21, ST22, WCW20a, YTH+21]. **Plane** [YH21b,

CGHJ24, CS23a, CWX22, MCZL20, Nag24]. **planetary** [CMS23]. **planning** [BGZ22]. **plasma** [BNC+23]. **plasmas** [VJH23]. **plasmon** [LZA23]. **plastic** [BZ21]. **plasticity** [PRN+23]. **plate** [BLX+24, DYC+22, DD22, KHD24, LZJC21, LC23a, MCD23, MCD24, MZ23b, NNNT22, NP24, YZZ20, YX21, ZDT+22, ZXG+24]. **Plateau** [HL22]. **platelets** [AA21]. **plates** [CWZ21, CHL22, HWZQ23, KAKK23, KKJ+22, LYXC21, MNB23, NP24, SFR21, SS20, WWZ+24, YLFL20, ZD21]. **platform** [AEF20, DdSP21]. **ply** [SS20]. **PMCHWT** [BD23]. **POD** [AGM+22, BSRVC20, CSB+21, CS20a, JMN22, SDM21, SR21, SR24]. **POD-based** [AGM+22]. **POD-reduction** [CSB+21]. **POD-ROM** [JMN22]. **Poincaré** [PV20, VLD+24]. **Point** [XMQ+21, AGA+21, BHJ21, BWZ22, BWZ23, CSS20, CG22, GLL20a, HK22, KKJ+22, LL20b, LZW21a, LZW21b, LLW23a, LZL+21, MS20a, MJWD20, MN23b, PH23, RSAG+24, SM22b, SS22, SH22, Xen20, XW24a, XL20, XHY21, Yan24, YCL20, YLCC21, ZDLC22, ZJCG21, ZYW20, dSG20]. **Pointwise** [KWLW24, WC21, Adj22, BJyST24, HAC23, dFLdSLM22]. **pointwise-in-time** [HAC23]. **Poiseuille** [HLCW24, KARS23]. **Poisson** [WCW20a, BZ22, BJG23, DDNS21, FHM21, GDA21, GHS23, HSZ22, HLPW22, LSWY21, MW20, RZSL23, RMBC24, ST22]. **Poisson-type** [RZSL23]. **Polar** [MM21, CFT+23, LMP23, RTA20]. **polaritons** [LZA23]. **poles** [ZXG+24]. **policy** [RZ21]. **pollutant** [WSGT21]. **polluted** [DYZ22]. **pollution** [AADMA23, HD21, MS23]. **pollution-free** [MS23]. **polygon** [Kra23]. **polygonal** [AN20, AFM+24, ASV20, BHDV22, DD22, GENRB21, KSJ23, KTY24, LZJC21, LHF24, LSWY21, MWY23, NP24, NFS24, PK23, ST22, TKK22, WWS23, YZZ20, ZPK22, ZZW23]. **polygons** [DWS20, OR22, ZLJ+22]. **polyharmonic** [AMV20, DMRV24, ZCL20]. **Polyhedral** [MP23, SBMS22, BDMX21, DV22, DFGS24, HMF24, LD23, ST22, ZP24, dVDR20]. **polyhedrons** [ZLJ+22]. **polymer** [AMPB+22, DP20]. **polymeric** [AEF20, BFRA21, WWCJ23]. **polymers** [LQYJ23]. **polynomial** [ABFPA24, BNSZ24, BFI+23, CLZ23a, GK21, JZPG21, KVV23, LCY23, TFWX23, XCFC21, ZH23b]. **polynomial-augmented** [CLZ23a]. **Polynomially** [ES20]. **polynomials** [HZR23, LYXC21]. **polynomials-Ritz** [LYXC21]. **polytopal** [DDG23, GQZ23]. **polytopes** [ST23]. **Polytopic** [AFV22, YH21a]. **pool** [Cao21, LAB23, WZXN21]. **population** [DYZ22, Kar24]. **pore** [ZDW+20]. **pores** [ZD21]. **poro** [BZDQ21, JM23a]. **poro-hyperelastic** [BZDQ21]. **poro-thermoelastic** [JM23a]. **poroelastic** [ANWW21, WR23, ZR22]. **poroelasticity** [BHK+24, BBD21b, BAB+20, GPY22, LR23, VT21, ZZCM20]. **poromechanics** [BER21, FCFW21, FCF22]. **porosity** [CLRT24, LXRQ22, LZBC24, QQY+23, SRA20, WZ21]. **Porous** [RSB+21, AKA+21, AZL20, AGA+21, ÁCS22, AEZ24, AFV22, BBDM21, BLM+24, Hoa21, JWW21a, JSBZ22, KHD24, KARS23, KRESA21, KGW+21, LHC+22, LR22, MKM+24, MS20b, OAA+22, PND+24, SSY22, SYZ23, SLX+23, SRA20, SNL23, YY23, YSGD20, ZLL23]. **port** [BMS22]. **port-Hamiltonian** [BMS22]. **posedness** [CCF+21, CG22, FRW22, GI21, SSY22]. **Positive** [IQS20, MS20a, SvV20]. **positive-definite** [MS20a]. **Positivity** [QD23, QFL23, DYZ22, LLW23a, NCRGVR21, ST22, XZSY23, YYZ22]. **Positivity-preserving** [QD23, DYZ22, LLW23a, ST22, XZSY23]. **post** [GQ23, LZ23, WZS24a]. **post-processing** [GQ23, LZ23, WZS24a].

Posteriori [HLW23, BHS20, BHS22, BZE24, BS21, BX20, BHL+23, CHL22, DFK22, DH23, FLOQ21, Jha21, KPS23b, LZ21, LN21, Mal22, MCW21, MZ23b, MS20b, MCV24, WBY23, XZT23, XXLS23, ZPK22, PR20, MMC21]. **postprocessing** [HLX20, ZX22]. **potential** [CNT23, HHL+21, HLN24, LMBB24, LZ20c, LGQZ21, Li24, MC24, NNT22, PS21, RZŠ21, WTQ+20, YWT22, ZWT23]. **potentials** [ARV23, aKST22]. **Powell** [BEIL21]. **Power** [BP20, DKV21, DKMS22, YDY+23]. **Power-law** [BP20]. **powers** [CV20]. **PPM** [ZHPW23]. **practical** [YWT22, Yan24]. **Prandtl** [HKJ23]. **precise** [Bar21]. **precision** [MGA22]. **Preconditioned** [LZ20a, LZW21a, LZW21b, ZZS23, CDLW20, EH23, FK20, PS20, XLS22]. **preconditioner** [AM23, Axe20, CL20, CCWC23, FCF22, HQL23, Krz22, NHCJ22, SM22b, SH22, XW24a, ZX24, Zhe22, ZZB20, ZYW20]. **preconditioners** [BFI+23, CSS20, CPS21, JRZ21, KC20, KCC20, PQSM21, SS22, SvV20, XW24b, ZZL22]. **Preconditioning** [KK21, LP23, AHLZ24, BHJ22, BHZ20, BW21, DTV20, EJR24, EIJH21, HKM21, LZ21, LST22, MS20a, TH23, VADG22, Wat22, XL20, ZGL23]. **predator** [Li20]. **predefined** [ZWW+23]. **predict** [QP24]. **predicting** [YSGD20]. **prediction** [FWLD22, SGR+23, VT21]. **predictive** [AGM+22]. **Predictor** [KMS20, LS20, LZ20d, SAR20]. **Predictor-Corrector** [KMS20]. **Preface** [Ano21-68, GZG20, Lop20, PRS24, RLS24, Yua24, ZSH+21]. **prefilmer** [ZDLL22, ZLD+23]. **Preisach** [VGA+22]. **Preliminary** [BMH22, DSR23]. **premixed** [SB21]. **presence** [GO20, RST+22, SQC23, TMML23]. **preservation** [LHC23, RGL21]. **preservative** [KS21, LZS23]. **preserving** [AD21, ASGGRG23, AJ23, BCT21, CG21, CSI23, DG22a, DZ22, DWS20, DYZ22, DTW23, FZH22, HZW21, HGW21, JH24, KWLW24, LLW23a, LRZ23, LD23, PBR24, QD23, QFL23, QS20, SSW20, SZ22b, SQ24, ST22, SLYL22, TSS24, TRL23, WFH+20, WH21, WXF22, XZ23, XZSY23, YTK21, YHF24, YYSL20, ZWMF24, ZY23, ZS23a, ZXXX23, ZDW23, ZNH24, ZSY22]. **Pressure** [RL23, AA20, BWZ22, BWZ23, sCpLYhG23, HHW21, JWW21a, KK23b, LM24, LYAZ20, PS22, RWaZ23, WWS23, YHZ22, ZR23, ZZ20b, ZPC22]. **pressure-correction** [LYAZ20]. **pressure-driven** [AA20]. **pressure-projection** [RWaZ23]. **pressure-robust** [LM24, WWS23, YHZ22]. **pressureless** [JM20b]. **prey** [Li20]. **price** [LLZ20]. **Pricing** [LLZ20, CDLW20, Che24, GM22, LZ20d, NS24, RYAM21, Rou20, SLM23, SU23, TZ20, YZL20]. **Primal** [WW20a, ABC+21, HKM21, KW20, MHHR20, Nie23]. **Primal-dual** [WW20a]. **primary** [ZDLL22, ZLD+23]. **principle** [CS20b, NNT22, WXF22, YYSL20, ZWMF24, ZY23]. **principles** [NW24]. **printed** [ZYM24]. **prior** [KW20, SHQL20]. **priori** [BHS22, DH23, Kei21, LN21, PG21, Par22c, ZZH23, ZPK22, GNB24, BS23b, GSRG21, NAS20]. **prism** [WN24]. **probabilistic** [BMVA23]. **Probability** [CWC22, SS21, SS24]. **Probability-conservative** [CWC22]. **problem** [AD20, AN20, AMV23, AL22, AFS24, AHP20, ARV23, AA20, BHJ22, BHK+24, BKW22, BJG23, BMK21, BLRRS20, BS21, BBG23, BZY20, Boł22, BN20, BRRT21, BJyST24, BCM22, CGGY23, CCGI23, CLR23, CLRT24, CM22, CZ20, CFT+23, CV20, CRF+20, DD22, DO23, DHVT20, DH23, DZ24, FC24, FHH23, GP23, GOV20, GWN21, GS23, GGRBRG20a, Gut20, GO23, HHJO20, HZJ+22, HJM23b, HL22, HTDT23, HKM21, HYJ20, HYW+24, KSS22, KS21,

KP22d, KPS23b, KGJN24, KBW23, Krz22, KKNR21, LS22a, LSV21, LL20b, LYAZ20, LD21, LCW22, LXY23, LL23, LC23b, LS21, LC21, LCH23, LZS23, LS23, LdO21, ŁSSP23, MCD23, MGD23a, MZ23a, MCD24, nMjWlS24, Mal22, MMPR20, MLS22, NR22, Oru22, Par22c, QQX21, QV22, QD20, RL23, RR23, SG23, SL20, SL21, SLW22, SCG23, SJ23, SSD23, SR21, SW20b, SWC24, SA24, Tad23, TZX23]. **problem** [TS21, TPOT20, TH21, TVKN21, TTKV20, Tür20, Vab22, VT21, WS21a, WML21, WDZ21, WZ21, WLX22, jWC23, WWS23, WZD24, WQ24, WLW$^+$22, WCH23, XL20, XZ24, XXLS23, YY20a, YA23, YS23, YEO21, ZCL20, ZH20, ZC22, ZR22, ZQY$^+$23, ZH23a, ZZ23a, ZZ24a, ZHH21, Zha22e, ZPK22, ZNMS23, ZZS24]. **Problems** [XXAD21, AS21, ABC$^+$21, ADD22, AMV21, AMV20, AMM23, AGPP22, AAM$^+$24, AAA24, BHJ21, BHPD23, BDV23, BMH22, BZ22, BHS20, BM20, Bar21, BBK21, BGH20, BGK23, BB21, BDF24, BCF$^+$23, BGZ22, BZ21, BM21, BDJT21, BMST20, BT22, BC20b, CY23, CCW22, CLZ23a, CSB$^+$21, CGM$^+$20, CK23, CLYH22, CHZ23, CDM24, CSCY24, CMR22, CL24, CSI23, CHL21, CCWC23, CNT23, CGI$^+$22, DPP21, DLN24, DFSV22, DV22, DG22a, DSR23, DLC22, DFS21, DFK22, DBR21, DWS20, DSL24, EJR24, EBDY22, EP23, ELN$^+$20, ELS24, EFK$^+$23, EFFR22, FMS22, FHM22, FHM21, FSH$^+$23, FZDS22, FF24, GLL20a, GQ23, GPRS22, GLÖ21, GLLZ23, GHSR23, GAM22, GCC20, Gra21, GQZ23, GB21, GB23, GXFT23, HC23, HZ21, HLW23, HLMM20, HSR$^+$23, HLX20, HLQ24, Hoa22, HKM21, HHL$^+$21, HLN24, HLW21, HC22b, HMX21, HWWZ24, JKC24]. **problems** [JSSS24, JWR$^+$23, JK22, KWM22, KC22a, KNBR22, KF22, KJN21, KFD$^+$20, KGW$^+$21, KD23, KVV23, LLSY24, LK20, Lee21, LLD23, LD24, LAL$^+$24, LQW22, LXH24, LX24, Liu20, LN21, LMZ23, LMST20, LBPC20, LMMMP20, ŁMMMP21, LD23, MCZL20, MSHB22, Man24, MI20, MGD23b, MS20a, Men22, MWY23, MN23b, MH23, MSBO23, Nag24, NT21, NRV22a, OEASY24, Orl23, OCCM21, PG21, PN24, PCC21, PKP21, PK23, PR20, PTNR24, QSL23, QN20, RS21, RL20, RHA21, SSY22, STO22, SD21, SM22b, SA22, SMS23a, SL24, SH22, SvV20, SC21b, TCA22a, TLZF20, Tor20, TZ21, TKK22, UuIUK21, UHLZ24, VR20, VBDR24, Vis24, WYH20, WW20b, WW20a, WCH20, WXZW21, WL23, WGC23, Wat22, Wol20, Xen20, XW24a, XZT23, XW24b, YH21a, YLW$^+$22, YZN22, YDY$^+$23, YM23, Yu23, YW24, YWLF21, YPZ$^+$21, ZBCS24, ZLYL20, ZZCM20, ZY21a, Zha22c, ZRL$^+$22]. **problems** [ZZL23, ZZH23, ZYC$^+$24, ZCA23, ZCW24, ZW21b, ZWY23, ZZW23, ZQS24, ZYW20, ZX22]. **procedure** [PSDP22]. **process** [CFG$^+$23, LCX$^+$20, SLUW$^+$21, ZYM24]. **processes** [DP20, Gie23, HM20]. **processing** [GQ23, LZ23, TRSM23, WZS24a]. **produced** [BNQ21]. **product** [CBŁP23, CHL21]. **production** [GGRBRG20b, GGRBRG20a, HZW21, TSARR21]. **profile** [SGJJ20]. **profiles** [CS23b]. **program** [Boł22]. **progression** [PSDP22]. **Project** [BHL$^+$23]. **projected** [ABC$^+$22]. **Projection** [KBR20, Koc22, DSF24, EBDY22, FK20, GJS20, HC23, HJM23a, HJ24, HDWL24, LC23b, MH22, MN23a, PG21, PCC21, RWaZ23, RL23, SWW22, ZSF23]. **Projection-based** [KBR20, Koc22, HDWL24, PCC21]. **proof** [Zha23]. **propagation** [AS21, AMM23, DG22b, GCSF21, GI20, HLY22, JWW21a, KG20b, LBPC20, SDJ$^+$22, YWZ21, YA21, ZCY22, ZCYL24, ZDLC22, cZsCyC23, ZQY$^+$23]. **propagations** [SWZC23]. **propelling** [AAWJ20]. **Proper** [LHH22, AS21, LC23a, SM22a]. **properties**

[AD21, ACDL24, Ale23, Axe20, DP20, GM21b, MR22, Mit22, NS20, Nie23, YSGD20, YWL21]. **property** [LCX+20, LCT22, NERB+22, PBR24, XZ23, ZSY22]. **property-preserving** [PBR24, XZ23]. **proposal** [FSS+20]. **prostate** [TK20]. **provable** [KTY23]. **proximal** [LC23b]. **Pseudo** [AA20, AD21, ACDL24, DZ21, HGW18, MKS+21]. **pseudo-parabolic** [AD21, ACDL24, DZ21, HGW18]. **pseudoplastic** [AMPB+22]. **pseudopotential** [ADL+21]. **pseudospectral** [CBK24, JZ20, WCW20a]. **PSS** [SM22b, ZYW20]. **Publisher** [Ano20-69]. **pulmonary** [HQCW22]. **pulsating** [DKH22]. **pure** [WSO+23]. **purposes** [SGSD20].

quad [FHH23]. **quad-curl** [FHH23]. **quadratic** [FF24, GGRBRG20b, GGRBRG20a, KPS23b, LLXZ23, YLW23, ZDT+22, Zha22a, ZW20a]. **Quadrature** [JMM20, OR22, aKST22, CWZ21, CCGV22, FSS+20, FJZC20, Leg21, LP20, Tau22, WFMD20, ZA23, ES20]. **quadratures** [MB24]. **quadrilateral** [CLZ23b, CLL+24, GKK+20, GLC24, HWL+20, JZPG21, JMM20, LLZ+24, Nie23, VJ22, WM23, WWZ+24]. **quadrilaterals** [nMjWlS24]. **qualitative** [KPS23a]. **Quality** [PH23, DDFZ23, Gie23, HTDT23, SBMS22, UHP23]. **Quantification** [KAKK23, CL24, CFG+23, SC21b]. **quantitative** [LWZ22]. **quantities** [BMP+24]. **quantum** [YY20a]. **quartic** [BEIL21]. **Quasi** [SGR+23, BAB+20, CZ20, GLL20a, GB21, GB23, Hop23, JSSS24, MN21, MD21, MS22, OSZ22, SMS23a, TMML23, ZR22, ZXQQ22]. **quasi-boundary** [CZ20]. **quasi-brittle** [SMS23a]. **quasi-geostrophic** [MS22]. **quasi-linear** [GB21, GB23, ZXQQ22]. **quasi-Newtonian** [OSZ22]. **Quasi-optimal** [SGR+23, MN21]. **quasi-optimality** [GB23]. **quasi-static** [BAB+20, Hop23, JSSS24, TMML23, ZR22]. **quasi-variational-hemivariational** [MD21]. **quasilinear** [LNT22, LGL20, LZ20e, MGA22, NT21, SSdA20, ZZCM20]. **quenching** [KS21, LZS23].

Radial [LZL+21, MH23, AM22, CBK24, GLÖ21, JZXR24, JBKW23, KKJ+22, LYRW21, MJWD20, Oru20, RSAG+24, SRA20, TO20, XLCP20, XFX22, ZDLC22, XMQ+21]. **radially** [FC24, WS21a]. **radiation** [AAG22, ABL24, JSBZ22, LLXY23, PWC+23, SP20, SBH+21, YSGD20, YCL20]. **radiative** [PS20, SSW20, ZSL22]. **radioembolization** [PTM+23]. **rainfall** [NS24]. **random** [CSB+21, CCX21, LL22b, TPOT20, TVKN21, YTH+21, ZLQ23]. **randomized** [NCCD24, SW24]. **randomly** [WDGC20]. **range** [SAR20]. **rank** [CL21, GHH20, RGL22, ZZL22, ZZ20a, Zhe22]. **RANS** [TGL21]. **Rapid** [JMM20, LFGZ23, LGQZ21]. **rapidly** [TPA24]. **rarefied** [LLZ+23, WLZZ22]. **Rate** [BBI+22, He23a, HZW21, IJS+24, LZ20d]. **Rate-optimal** [BBI+22]. **Rates** [KP20, CM21]. **ratio** [JYHS23, XTZZ24, YZ21]. **Rational** [HLQ24, WM23, AM23, LMLZ23, Oru20, YT22, ZWY23]. **ratios** [NM23a, ZTW22]. **Raviart** [CS22, GQ23, Sau23, YJ24]. **Rayleigh** [GWN21, Oru22]. **RBF** [CLZ23a, CD20, DMŠ22, JM20a, JKC24, KC22a, LSRL24, LP22c, MVHÖ23, RDF24, RL20, SSZ20, SS20, SZ21, Ull20, XSZ+23, ZSK23]. **RBF-based** [LSRL24, RL20]. **RBF-FD** [DMŠ22, SZ21]. **RBF-generated** [JM20a]. **RBFI** [YLW+22]. **RBFNN** [MH23]. **RBFs** [HHG20]. **RBFWENO** [AS20]. **Re** [CRPdT20, MGBN22]. **Re-examining** [MGBN22]. **reacting** [HEDT20]. **reaction** [AD20, AN23, BHJ22, BKM23, BMK21,

CY23, CL24, DSS20, DPP21, GP22b, GDŁW23, GCMS21, HZ21, HTDT23, HLMM20, HRvdZ20, IJS+24, JSBZ22, JMN22, KSS22, KEUY23, KYY+20, KC22b, KR24, LPK22, LLW20, Li20, LY21, LYZ23, LZ23, MFZX23, MGD23a, MMAK20, MMAK21, MN23a, MRP20, OTC24, RNMÖX24, RL20, SSY22, SN20b, WML21, WLW+22, WSS22, Xen20, XHY21, XSZ+23, YH21a, YS23, YFK20, YFK23, ZHYL21, ZDWR22, ZL22a, ZF22, ZW20b]. **reaction-diffusion** [BHJ22, BMK21, CL24, DPP21, GCMS21, KC22b, LPK22, MFZX23, WLW+22, XHY21]. **reaction-subdiffusion** [KR24, MGD23a]. **reaction-type** [GDŁW23]. **reactions** [AGA+21]. **reactive** [XJY+20]. **reactor** [BAM+21, MWY21]. **real** [BEKV21, GI20, KPS23a, WSGT21]. **real-time** [KPS23a]. **receptor** [WKGH21]. **reciprocity** [ZYC+24]. **recirculation** [HJ23]. **reconstruct** [BBS22, NNT22]. **Reconstruction** [PWMC23, BS21, CNT23, HTBMC20, HLW21, KLK+22, LCN20, Li21, MWYY22, MRN+20, YH21a, dFLdSLM22]. **reconstructions** [DFK22]. **Recovering** [Hoa21, BZE24, DLC22]. **Recovery** [SW20a, DP20, HLW23]. **Recovery-based** [SW20a]. **rectangular** [KMZ22, KP21, KJN21, KGJN24, KC23a, KKJ+22, MGD23b, YZ21]. **Recurrent** [BF21]. **Recursive** [VL21, BN20]. **red** [SPC+23]. **Reduced** [AADMA23, BRÁ+20a, BV21, KUK20, SM22a, AS21, ABR20, BSRVC20, CS20a, CFG+23, ČPPŠ20, GHS23, HBC+21, KBR20, KAKK23, LWSZ21, LLZL24, LS20, LML23, LN22, MJVH24, PNT+23, PTNR24, SDM21, SSK+23, SR21, SR24, SC21b, UHP23, WARX23, Yu23, ZAPK23, KNBR22]. **reduced-dimension** [LLZL24]. **reduced-order** [AS21, CS20a, LWSZ21, LS20, LML23, LN22, SR21, SR24, SC21b]. **Reduction** [PWC+23, ABC+22, BMS22, CSB+21, CHJR21, CEB24, GHSR23, KC23b, LNNP24, RTA20, YPZ+21, ZXGF22]. **reductions** [KG20a]. **reference** [FSS+20, Hak20]. **refinement** [BF21, EAM20, NC20, VJH23, YWL21]. **refinements** [SGR+23]. **Reflecting** [DFS21]. **reformulation** [BHJ21]. **Regime** [YY20b, BDJT21, WZC+20a, WZC+20b]. **Regime-switching** [YY20b]. **region** [GP22c, ZSY22]. **region-based** [GP22c]. **regions** [TGARGT+23, ZCZ+21, ZSW23]. **registration** [BCK24, HJZ23]. **regression** [CFG+23, PN24]. **regularised** [AJK23]. **Regularity** [BN20, MMAK20, MMAK21, CY23, CWW22, CL24, CP21]. **Regularization** [TTKV20, BCM22, GPA21, GAM22, GO23, LLSY24, PMLC20, SN20a]. **Regularized** [CSS20, CLLL20, ELS24, HMF24, RZŠ21]. **regularizers** [LS22b]. **Regularizing** [WQ24]. **regulatory** [ZW20b]. **reheating** [YLQ22]. **reinforced** [AA21, MMP21]. **reinitialization** [KCW22, NDC22]. **reinsurance** [XXY20]. **Reissner** [DD22, Vis24, YZZ20]. **Relation** [HB24, Sto20, ZDW23]. **relations** [Bar21]. **Relationship** [DWS20, YCZ+21]. **relativistic** [BKB22]. **relaxation** [ADL+21, BM23, CMY23, JM20b, LLX23, SM23, WZCS20, WCY+24, XF23, YWZ+23, ZWCS20]. **relaxed** [CL20, DFGS24, DCCM23, FCF22, HYZZ24]. **release** [AEF20, BFRA21, FdOS20, FGG+20]. **Reliability** [TJYL22]. **reliable** [BHK+24, BER21]. **ReLU** [HLX22, LCC22, LC22]. **remeshing** [GHRD20]. **removal** [BH22, GSS24, LHC23, LH23a, RNN22, SDG20]. **removing** [LS22b]. **reopening** [HQCW22]. **reparameterization** [WM23]. **representation** [CDM24, ZZ20a]. **representations** [GK20, JZPG21]. **reproducing** [Lin24, LN22]. **repulsion** [GGRBRG20b, GGRBRG20a, WaZWZ23].

reservoir [RSB+21, WYS+20, YY20b]. **reservoirs** [CCGRL21]. **Residual** [LMMMP20, MCV24, OSO+23, TBO20, BBK24, BMvdZ21, CBI+23, GCC20, HSM+23, HRS20, Jha21, ŁMMMP21, RNN22, SW21, BMP+24]. **Residual-based** [MCV24, TBO20]. **resistance** [PWMC23]. **resistivity** [KLRT21]. **ResNet** [CYY+21]. **resolution** [MZ23b, WZZ20]. **resolved** [Koc22, RLF21, TWH+22]. **resolvent** [Pon20]. **resonance** [EGF+23]. **resonator** [SJM24]. **resource** [YTY24]. **resources** [YYY+20]. **Response** [HJP23, AKA+21, LL22c, PGR23]. **responses** [EJWD23, SP20]. **resting** [AA21, YLFL20]. **restoration** [BKM23, DH24, LCN20, MJRM20, NES23, PMLC20, ZZ23b]. **result** [LZ20e]. **results** [BMZ20, PKP21, SV21, WL22]. **retarded** [PS21]. **retention** [MAT+21]. **Retraction** [JL20, JFS20]. **reversible** [Zha22d]. **reversible-irreversible** [Zha22d]. **review** [KJ22]. **Revised** [ZLJ+22]. **Revision** [Mit22]. **revisited** [DZ20]. **Revisiting** [DE21, GDŁW23, Kra20]. **Reynolds** [AL22, ABMS20, CO20, HBC+21, JYHS23, KMS20, WDGS23]. **rezoning** [LZG+23]. **Rham** [DD22]. **rheological** [AGA+21]. **Riccati** [ATBT20, YTT+22]. **Richards** [BHZ20, BDL20, BDP23, RFG+21, SMS+23b]. **Richardson** [VJ22]. **Richtmyer** [RCSM23]. **Riemann** [sCpLYhG23, HB24, ZHZ+22]. **Riesz** [AM23, Der23, HQL23, JHG+21, SHM21, SQ23, YFK20, ZZL22, ZZFL21]. **right** [Kra20]. **right-hand** [Kra20]. **rigid** [ZWW+23]. **rigid-body** [ZBCS24]. **rigid-flexible** [ZWW+23]. **rings** [CMS23]. **risk** [ADG23, ASSV20, LLZ20]. **Ritz** [LC22, LYXC21]. **river** [YTH+21, YT22]. **RKDG** [ZQZ20]. **RLW** [SJ21]. **RN** [WL20]. **road** [ZCZ+21]. **Robin** [CSS23, FLS23, GV21, Gut20, MM21]. **Robin-type** [CSS23, FLS23]. **robotic** [ZWW+23]. **Robust** [AZHY22, BNV22, BHPS24, BER21, HKM21, WWL22, ZW20b, BCCR20, FH21, JRZ21, KPO+21, KJ21, LM24, MFZX23, QD20, SG23, SR23, SD21, SJ24, SBNR23, WS21a, WWS23, YHZ22, ZYTX22, ZL23b, ZPC22, ZXQQ22, ZWW+23, ZQS24, dlRGR20]. **Robustness** [HNLPP20]. **rocks** [BMP21, KLRT21]. **rods** [GM21b]. **Rogue** [WTQ+20, JXK20, WTSZ20]. **role** [Mas23]. **roll** [UHP23]. **rolling** [ZDT+22]. **ROM** [JMN22]. **Rosenau** [AJK23, SJ21]. **Rosenau-regularised** [AJK23]. **Rosenau-RLW** [SJ21]. **Rotated** [XW24b, CYC+23]. **rotating** [ANH+21, AIG+21, Bar22, FGK20, MLHS23]. **rotation** [CWZ21, YHZ22]. **rotation-free** [CWZ21]. **rotational** [GJS20, LPK22, LYAZ20, ZSF23]. **rotationally** [BKW22]. **Rothe** [hWCsLjH21]. **rotor** [HJP23, OKSS21]. **rotor-blade** [HJP23]. **Rough** [ZCL20, EFF21, He23a, SLM23]. **roughness** [JWW+21b]. **rows** [MAT+20]. **rp}** [LX24]. **rp}-finite** [LX24]. **RPIM** [XMQ+21, ZDLC22]. **Rule** [ES20]. **Rules** [LP20, CCGV22, FJZC20, HSR+23, Leg21, LQ24, Tau22, WFMD20]. **run** [YT22]. **Runge** [ADB+22, BZ23, CZLQ22, FX22, KTY23, SQ23]. **runner** [BNQ21].

S [DK23, HMX21, ZSPW20]. **S-DDM** [ZSPW20]. **S-FEM** [HMX21]. **Sabin** [BEIL21]. **saddle** [BHJ21, CSS20, CG22, GLL20a, LZW21a, LZW21b, MS20a, SM22b, SS22, SH22, XW24a, XL20, ZYW20]. **saddle-point** [CG22, XW24a]. **Saffman** [CBK24]. **sampling** [AHP20, BKK+23]. **sandwich** [AA21, SP20]. **saturable** [LHN24]. **saturated** [LR22, MGBN22]. **saturated-cells** [MGBN22]. **SAV** [HC22a, LSGN23, SWWZ23, WYT23, ZO21]. **SBFEM** [ZLJ+22]. **Scalable** [BHPD23, SYZ23, KCD+23]. **scalar**

[DT23, HYZZ24, Kri20, KOMK20]. **scale** [AMC23, BMP21, BMVA23, BKT+23, Cao21, CHL21, DFGS24, DSL24, ERHL22, LQ20, LGQZ21, LXJ+21, LFGZ23, LQW22, PWC+23, SGF+21, YSGD20, YLQ22, YWLF21]. **scale-coupled** [BKT+23]. **scale/color/outline** [LP22b]. **scaled** [LZJC21, LLZ+24]. **scales** [SN20b, TH21]. **scaling** [JYHS23]. **scalings** [SSW20]. **scanner** [GBK23]. **scanning** [FKR21]. **scans** [YKNS23]. **scarce** [UHP23]. **scattering** [AHP20, AGPP22, AAA24, ASZ24, BHDV22, GMS23, HLW21, KP22d, LFGZ23, LCE23, MK20, Par22c, SWC24, TPA24]. **scheme** [AS20, ASGGRG23, ANZZ23, AEZ24, AZY22, ABL24, AMM23, AN21, BDB21, BB23a, BZY20, CD20, CL22a, Che24, CYQW21, CL21, ČPPŠ20, CRPdT20, CTZ22, DWS20, EBDY22, FZDS22, GV21, GGRBRG20b, HJM23b, HLH24, HC22a, He23a, He23b, HDWL24, HX22, HYH23, HGW21, HZA22, HJXW23, HQL23, IQS20, JWW21a, JWL20, JWZ22, JZHZ22, JWR+23, KWLW24, KSS+20, KC23b, LHN24, LWX21, LZ22, LL22a, LXY23, LZF23, LZ20d, LYZ23, LZS23, Loh21, LD23, LAB23, MRPK21, MLS22, MKP23, NY22, NFS24, OCCM21, PHL21, Pło22, PT24, QZH23, QQX21, QP24, Rav20, RZ21, RTA20, RR22, SG23, SK23, SHM21, SPC+23, SCCS21, ySRC22, SHD23, SQ24, SKG24, SXKL24, ST22, SQLZ21, TCA22a, TA22, TL22, TWH+22, TRL23, TGARGT+23, Ull20, WZZ20, WC21, WZ21, WLJ21, WZY22, WL23, WZTZ23, WR23, WF24, WDYZ24, WSCP24, WYW+24, WCZD20, WPLW22, XYT+21]. **scheme** [XP22, XZSY23, YQZT21, YL22, YHF24, YYSL20, ZWMF24, ZZW20, ZDLC22, ZY23, ZS23a, ZAH23, ZDW23, ZSK23, ZHZ23, ZX20, ZSPW20, ZZB20, ZXQQ22, ZSY22, ZHPW23, ZQS24]. **schemes** [AKO21, ADB+22, AJ23, Alt23, BD20, BKB22, BCT21, BHL24, BC20a, BAB+20, BWMW23, CT22, CMPR23, CLL21, CLLG23, CRM22, CM23, CMY23, CZ23, CV20, CMM23, DCCM23, DP20, DAS20, DLT20, FHM21, FHZ22, FX22, Gal21, GLLZ23, GCJ23, GGRBRG20a, GZ23, HYJ20, Jha21, JHG+21, JW20, JYHS23, Kar24, KTY23, LPK22, LCY23, LMBB24, LYAZ20, LAX22, LY23, LJ24, LLW23a, LMZ23, LRZ23, Lob21, MMC21, NSRI24, PR20, QH22, QD23, RDP20, SQB22, VL21, WH21, WZCS20, WLQ22, XTZ+21, Yua23, ZLPR20, ZO21, ZTW22, ZWT23, Zha22d, ZW20a, ZZFL21]. **Scholes** [KMP20, RYAM21, Ull20]. **Schrödinger** [AJ23, BV23, CG21, CCF+21, CC20, CLH22, CYQW21, FX22, HGW21, HJXW23, JZ20, JJZ21, KWLW24, LHN24, LZ20b, LZ20c, LRZ23, MA22, SZ22a, SZ22b, TCW23, WHT22, WL22, WZY23, WSCP24, XF23, YWL23, YWZ21, YHF24, ZSK23, ZLH22]. **Schur** [Bot20, NSRI24]. **Schur-based** [NSRI24]. **Schwarz** [CM20a, BTCV20, CPS21, CCWC23, GJM22, JRZ21, MGD23b, MR22, Par22a, SR24, dlRRG21, dlRRG+24]. **Science** [JKL20]. **sciences** [CSB+21, SA24]. **Scientific** [GZG20]. **Scott** [CLLG23, LFY+20]. **SDFEM** [BRRT21]. **Second** [BWMW23, MKP23, YS23, ZSF23, Ade20, AZY22, AMM23, BHS22, BB23a, BM21, CCWS20, CMY23, CZ23, CQG+24, DG22a, DE21, DW20, DAS20, DSF24, GP23, GDŁW23, GQZ23, HJM23b, JHG+21, JW20, KWLW24, LG23, LSH21, LXRQ22, LX22, MW20, MA22, Oru22, PHL21, QH22, QQX21, QFL23, QWC+23, Rav20, STM21, ySRC22, SHD23, TA22, WW20b, WH21, WZY22, WZ22, WLL23, WYW+24, XHL24, YM23, ZO21, ZLJ+22, Zha23, ZZ20b, ZZFL21]. **Second-order** [BWMW23, YS23, ZSF23, AZY22, CCWS20, CMY23, CQG+24, DG22a, DE21, DW20, GDŁW23, HJM23b, JHG+21, LSH21, MW20, MA22, PHL21, QH22, QQX21, QFL23, QWC+23, Rav20,

ySRC22, SHD23, TA22, WW20b, WH21, WZY22, WZ22, WLL23, WYW+24, XHL24, YM23, ZO21, Zha23, ZZ20b, ZZFL21]. **sectorial** [CWZ21]. **sediment** [RWaZ23]. **sedimentation** [SLX+23]. **seeding** [ZDW+20]. **Segel** [GSRG21, HH21, HH22, LZ20e]. **segment** [AEF23]. **segmentation** [CCH24, GP22c, KJ22, LQZ23, YGZ+22, YKNS23]. **segregated** [CFP22, HQLJ20]. **segregation** [XGL21]. **Seidel** [LQ20]. **seismic** [AMM23, PLVL21]. **seizure** [MRP20]. **selected** [KW20, ZSH+21]. **selection** [CDPL24, SHQL20]. **selective** [NP24]. **self** [BCCR20, Mit22, Wat22, WWCJ23]. **self-consistent** [Mit22, WWCJ23]. **selfadjoint** [BZY20]. **SEM** [YQZL22]. **Semi** [CHZ23, HC23, SDJ+22, WHH22, ZWOM21, AG24, Alt23, ÁCS22, BLX+24, CCG+23, CP21, HZJ+22, JZHZ22, LQYJ23, LZS23, QS20, SC21a, SQC23, SL21, UHLZ24, WR23, XJ21, ZHYL21, ZC22, ZH23b]. **semi-adaptive** [LZS23]. **Semi-analytic** [ZWOM21, SQC23]. **Semi-analytical** [SDJ+22, AG24, SC21a]. **semi-augmented** [ÁCS22]. **semi-crystalline** [LQYJ23]. **semi-decoupled** [WR23]. **Semi-implicit** [WHH22, CCG+23, JZHZ22, QS20, XJ21]. **semi-infinite** [BLX+24]. **semi-linear** [Alt23, CP21, HZJ+22, SL21, ZHYL21, ZC22, ZH23b]. **Semi-monolithic** [HC23]. **semi-smooth** [ZC22]. **semi-spectral** [UHLZ24]. **semiclassical** [WHT22]. **semiconductor** [LCH23, SJ23]. **semilinear** [BBI+22, CL24, HLPW22, KSJ23, LWX20, LZY24, Pło22, PT24, SMR24, Tor20, ZFZ20]. **sensitivity** [AS23, CWLQ22, CL22b, RG21]. **separated** [LCC+24, YLY20]. **separations** [SA22]. **September** [Ano20-67, Ano20-52, Ano21-66, Ano21-62, Ano22-53, Ano23-68, Ano23-69, Ano22-50]. **sequence** [LL22c, WWZ+24]. **sequences** [DDG23]. **set** [ABC+21, GO23, HLW21, KCW22, KP20, MKAM20, NC20, NDC22, NIT+20, NNNT22, UuIUK21]. **set-valued** [GO23, KP20]. **setting** [BBG23]. **settling** [RLF21]. **Seven** [ZZ20b]. **Seven-velocity** [ZZ20b]. **several** [BBS22]. **severely** [ZCZ+21]. **sewage** [NM23b]. **shadow** [BH22]. **Shah** [SHQL20]. **shallow** [ABC+22, Bou24, BPR22, CBI+23, EJWD23, LMD22, WZZ20, WZTZ23, WKC21]. **Shape** [FYM23, Par22c, BLM+24, CK23, HXW23, HLW21, KLK+22, LCY23, MVHÖ23, SHQL20, WXF22, ZKTK21]. **shaped** [DWS20, MNB23, SPC+23]. **shapes** [BKW22, KRESA21]. **shared** [BGH20, Fia21]. **shared-memory** [BGH20]. **sharp** [SD21, WZT23]. **Shaw** [Bar22]. **shear** [BNQ21, MHHR20, PWWJ23, PWJ+24, SGJJ20, SGAC+20, Vah22, YLY20, YZW+22]. **shear-deformable** [MHHR20]. **sheet** [OAA+22, OSO+23]. **sheets** [LZA23]. **shell** [HWZQ23, KHD24, LL22c, MJWD20, MKM+24, MZ23b, PND+24, SP20, ZD21]. **shells** [AKA+21, EJWD23, SRA20, YLZL20, ZD21, ZLF+22]. **Shepard** [DDNS21]. **shift** [GLL20a, SH22]. **shift-splitting** [GLL20a, SH22]. **shifted** [DYC+22]. **Shishkin** [MZ23a, WML21]. **Shock** [NR22, BTYM+21, CYC+23, MKS+21, QhCZ+20, SB24b]. **shocks** [SA22, SMR24, XTZ+21]. **shooting** [NE22]. **shooting/collocation** [NE22]. **short** [FP20]. **shrinking** [OAA+22]. **sided** [LCW22, SQL21, ZFL22, ZHPW23]. **sides** [Kra20]. **sideways** [TVKN21]. **Signorini** [LL20b]. **silico** [SAVHB22]. **silicon** [ZYM24]. **silver** [ZYM24]. **similarity** [KG20a]. **simple** [ASH+21, Cos23, EGP20, HXW23, SGAC+20, Vah22, WWQ20, YWT22, Zha23, ZQZ20]. **simplexes** [CCGV22]. **simplices** [KV20]. **simplicial** [HLW24]. **simplified** [ABS23, KP22a, SSK+23, TMML23, WZC+20a, WZC+20b]. **simply** [KPJO22]. **simulate**

[KP22a, NC20, Ull20]. **Simulating** [WCZD20, HC23, HLY22, LZA23, LCT21, LYL+22, SPC+23, ZCY22, ZXZF20]. **Simulation** [ADL+21, BM23, FGK20, Gie23, HLCW24, SGJJ20, SCD23, AADMA23, AMPB+22, ABMS20, AJK23, AEF20, AEF23, BTYM+21, BNQ21, BAM+21, BPID20, CCG+23, CRDS20, CWC22, CYC+23, CCGRL21, Dai22, DMG23, FKR21, FJP22, GBK23, GF21, GML+20, HLH24, HH22, HQCW22, HWY23, KRESA21, KJ20, KMS20, LQYJ23, zLqLZ+24, LQW22, MCZL20, MWY21, MJR20, MB21, MRP20, MWRA22, MKS+21, PGK20, PSDP22, PWWJ23, PZZ23, QhCZ+20, SB24b, SMR24, SQB22, TK20, TWH+22, TSARR21, WYS+20, WZC+20a, WZC+20b, WDGS23, WKGH21, WS21b, XL22, XFS23, YL20b, ZDW+20, cZsCyC23, ZJCG21, ZYS22, dSG20, DKH22]. **Simulations** [HKJ23, SGF+21, APGK24, ASH+21, BEG+21, BFI+23, BV21, BT22, Cao21, CPBF21, DTV20, EFF21, GDA+22, GI20, HD21, HEDT20, JYHS23, KK23b, KWK+20, LHH22, LAB23, MIOK21, NDC22, PWJ+24, RLF21, SPZL21, TGL21, WZC+20a, WZC+20b, XTZZ24, YCCW24, ZCYL24, ZY21b]. **simulator** [KTFI23, KGW+21, RSB+21]. **Simultaneous** [QX23, BML22, DH24]. **sine** [WH21]. **Single** [KP23, CLLL20, JWW+21b, SK23, Vah22, WCW20b, WZXN21, YOF20]. **single-phase** [CLLL20, SK23]. **single-square-grid** [YOF20]. **Single-term** [KP23]. **single-walled** [WCW20b]. **Singular** [BNB20, CGHJ24, CWLQ22, BZ21, FHM21, GP22a, GENRB21, HXZ+22, LQW22, LMLZ23, Men22, SZCW24, YZT21, YEO21, YM21, YWLF21, ZJZ24, ZGL23, ZX20]. **singularities** [KPO20, KPJO22, SGR+23]. **singularity** [AZHY22, CL22a, CKBK24, FC24, GNB24, RR23]. **singularly** [BHJ22, CGGY23, CMR22, CSS23, DN22, KSS22, LX24, LZ23, MZ23a, SG23, SSD23, SN20b, WML21, Xen20, ZZ23a, ZZ24a]. **sinks** [DBH+21]. **SIRS** [GV20]. **SIS** [LYZ23]. **situ}** [AM20]. **Sixth** [FHM21, ANZZ23, MN23b]. **sixth-order** [ANZZ23, MN23b]. **size** [DE22, KAKK23, NM23b, PWJ+24, SJM24, YD21]. **size-dependent** [KAKK23]. **size-structured** [NM23b]. **sized** [CTZ22, LZ22, WZTZ23]. **skew** [LZFZ22, MS20a]. **skew-circulant** [LZFZ22]. **skew-Hermitian** [MS20a]. **skid** [YLQ22]. **slice** [KLK+22]. **sliding** [FGK20, SSZ20]. **slip** [AAK24, DKMS22, FYM23, OAA+22]. **SLM** [Cao21]. **sloshing** [LCT21]. **slowly** [LZ20c]. **sludge** [BAM+21]. **slug** [BPID20]. **Smagorinsky** [BRÁ+20a, ZS23b]. **small** [HHW21, KP22d, KTY24, LF24, Par22b, TKK22]. **smart** [EJWD23, MMP21]. **smeared** [LML23]. **smooth** [CCH24, GENRB21, GKK+20, LSW22, LLZ21, MB24, SSD23, UHLZ24, ZJJ20, ZC22, ZF22]. **Smoothed** [SHT+24, ASH+21, LP21, LAB23, PND+24, SGJJ20, VJ22, YCL20, dSG20, HMX21]. **smoother** [Gun22, XLS22]. **smoothers** [dlRRG+24]. **smoothing** [AADMA23, BFVY23, He23b, LP23, XJ21]. **smoothly** [AGPP22]. **smoothness** [BD20]. **snap** [LL22c]. **snap-through** [LL22c]. **snapping** [SMS23a]. **Sobolev** [BDMX21, HHG20, KJ20, LLW20, MKP23, XFLZ22]. **soft** [LDW+24]. **SoftFEM** [DE21]. **Software** [XXAD21, ZK21]. **soil** [KTFI23, XLZ+21]. **soils** [BDL20]. **solar** [ZYM24]. **solid** [AAC23, CFG+23, HHR+20, HHY+22, KHD24, MKM+24, SRA20, SWC24, TWH+22, WZS+24b]. **solid-liquid** [TWH+22]. **solid-shell** [KHD24, MKM+24]. **solidification** [DMŠ22, RST+22, WSO+23]. **solids** [OCRN22]. **soliton** [FWLD22, Waz20]. **solitons** [WZY23, ZWY23]. **solute** [CS23b, HKJ23].

solute-solvent [CS23b]. **solution** [AA20, ASSV20, BM20, BGH20, BGK23, BDB21, BDL20, BLRRS20, BAB+20, CSS23, DHW20, FMS22, HLMM20, HZR23, Hop23, HHR24, KS21, KC22a, LZF23, LLZL24, LZY24, Loh21, NE22, SM22a, SP20, SN20b, SZ21, SMS+23b, SBNR23, TO20, TGARGT+23, TPOT20, TBO20, Vab22, XHM20, dlRGR20]. **Solutions** [WL20, ACXI24, AMV21, AZHY22, ABFPA24, BIMS24, BGK23, CL22b, FWLD22, FdOS20, FRW22, Gra21, HHL22, HHG20, JXK20, JICRMG+20, KG20a, KP20, Lee20, LGL20, LCT21, LFY+21, MCZL20, MMN21, NS24, QFL20, RBSC24, SAVHB22, UHLZ24, WTSZ20, WX22, Waz20, WS20b, YZT21, YLZ20b, YLFL20, YY20b, ZJJ20, Zha22b, ZW21b, dFLdSLM22, SLUW+21]. **solvation** [CS23b, SHWC22]. **solve** [ADKH20, BZ20, CKS22, HL22, JRu24, SKG24, TFWX23]. **solved** [MLS22]. **solvent** [CS23b]. **Solver** [LMK+21, ŁSSP23, BHPD23, BFE+21, Bot20, BSRVC20, CBŁP23, sCpLYhG23, CYC+23, CL21, ÇM20b, DNP+22, EH23, Fia21, GPL21, GHMD22, GF21, GDA+22, Gun22, HB24, HWL+20, HKR22, HDWL24, LHC+22, LFGZ23, LLZ+23, LMST20, ŁWP+23, MWY21, PD21, SB24a, SLX+23, SU23, TPA24, WPLW22, XFX22, YPC+21, YZT21, YPZ+21, Zdu21, ZCY22, ZCYL24, ZHZ+22, ZYS22, ZY21b]. **solvers** [AFM+24, BHPS24, BBK24, BMST20, CAD24, DS20, FCFW21, GHH20, HKS21, LNF24, LBPC20, WWL22, WZXN21]. **Solving** [BGG+20, CDG+23, DDNS21, HSR+23, HBC+21, KFD+20, XLCP20, YY20a, ABC+21, AFS24, AXLW24, BV23, BL20, BB23b, BHC20, CD20, CO20, CK23, CV20, CWX22, DZ22, DC22, GHS23, GAM24, HZ21, HJM23b, HZ24, HYZZ24, JKC24, JL19, JL20, JAHM23, KGW+21, Kra20, KR24, LWL+20, LQ20, LCW22, LY23, LXY23, LDW+24, LMLZ23, LCT22, MGD23b, MSBO23, OP24, Oru20, PXLY23, QD23, Sch21, SLGF20, SU23, WCL20, WZZ20, WXZW21, XCFC21, XZ24, XSZ+23, YDY+23, YLCC21, YM21, ZWMF24, ZCXG20, Zha22a, ZYC+24, ZHH21, ZSW23, ZA23, ZLW23, ZHPW23]. **Some** [Wat22, Gal21, Hof20, LP20, PR20, THF20, WZCS20, ZNMS23]. **Soner** [HMF24]. **sound** [Par22c, SP20, WYH20]. **sound-hard** [Par22c]. **Source** [XXAD21, AL23, AMV21, DHVT20, GDŁW23, HH21, HH22, HMX21, KSS22, Kam21, KGW+21, KKA+21, KSSS23, LZ20e, OAH+24, PS20, PH23, QX23, SSD23, TSARR21, YL20a, ZLYL20, Zha22e, ZLF+22, dFLdSLM22]. **source-term-discontinuous** [KSS22]. **sources** [DLC22, FHM21, Gra21, LGL20, Nag24, RZŠ21]. **Space** [AMC23, BDV23, FK21, HH21, HRS20, THF20, ZRL+22, AL23, ABV23, BHZ20, BBK21, BMK21, CLLG23, CCWS20, CEB24, DD24, Der23, DS22, DMŠ22, DBB23, EJR24, ELS24, GvV22, GKK+20, Gun22, HLCW24, Hop23, HGW21, HQL23, JHG+21, JWR+23, KV22, KR24, LSW22, LCY23, LLW20, LXZ23, LFY+20, LMST20, LP22a, ŁSSP23, MSHB22, NH24, PS21, QX23, SC21a, SHM21, SQL21, SQ23, SK21, SW21, SC21b, SXLZ21, SLYL22, TH23, TGARGT+23, TH21, WL23, WCWZ23, Wie23, XLLA20, XLS22, XF23, XHL21, YY20a, Yan20, YCZ+21, YLL24, YLFL20, YFK23, Yua23, ZWOM21, ZLPR20, ZZ21, ZLT+21, ZFL22, ZY23, ZZZ24, ZGL23, ZZB20, ZHPW23, ZZFL21]. **space-dependent** [AL23, QX23]. **space-fractional** [HGW21, HQL23, JWR+23, SQL21, SLYL22, WCWZ23, XLS22, XF23, ZLPR20, ZZ21, ZHPW23, ZZFL21]. **Space-time** [AMC23, BDV23, HRS20, ZRL+22, ABV23, BMK21, DS22, DMŠ22, ELS24, GvV22, Hop23, LXZ23, LP22a, ŁSSP23, MSHB22, PS21, SW21, SXLZ21, Wie23, XHL21, Yua23, ZWOM21]. **spaces**

[AMP20, Adj22, BDJT21, CCGI23, CRF+20, CG22, CP21, DDG23, FLOQ21, GORBS21, GI21, NW24, WN24]. **spaces-based** [CCGI23, GORBS21, GI21]. **spacetime** [HA23]. **Sparse** [CHL21, BN20, ÇM20b, KM22, LH23b, SU23, Ull20, ZZ20a]. **spatial** [Bal21, CL21, FZS22, FSH+23, GP22c, GV20, LQLF23, LLZL24, MHHR20, QFL23, SZS20, SW21, WSS22, ZLQ23]. **spatially** [IJS+24, ZLYL20]. **spatio** [AMS24]. **spatio-temporal** [AMS24]. **special** [BKB22, Sch21, ZSH+21]. **species** [BOSV20]. **Specific** [WZXN21]. **specifying** [Ila20]. **Spectral** [AD21, TCA22a, ACLP22, AA20, AAM+24, BWZ23, BDB21, CT22, CK23, CL22a, CKBK24, DE21, Der23, GP20, GCMS21, HQLJ20, HWZQ23, HH23, JJZ21, Lee21, LZ20b, LCW22, LY23, LYL+22, LGZC23, MC24, nMjWlS24, NH24, NHCJ22, NML23, Pel23, QC24, RTA20, SM22a, SWWZ23, TS21, Tür20, UHLZ24, WFH+20, WHT22, jWC23, YPC+21, YCCW24, YM23, YW24, ZM20, ZY21a, ZFL22, ZDWR22, ZLJT20, ZCA23, ZSL22]. **spectral-collocation** [LZ20b]. **spectral-Galerkin** [nMjWlS24, RTA20]. **spectral-geometric** [HWZQ23]. **spectral-like** [CT22]. **spectral/hp** [YPC+21]. **spectrum** [VLD+24]. **speed** [SQB22]. **SPH** [LAB23]. **sphere** [JWW+21b]. **spheres** [SS21, SS24]. **spherical** [HWZQ23, KHD24, LYP+22, RLF21, XGL21]. **spheroids** [SGAC+20]. **spherulite** [LQYJ23]. **spin** [GM21a]. **Spline** [MSHB22, AMP20, BDF24, EFK+23, GKK+20, GK21, HSR+23, KV22, KG20b, Kra23, LLZ+24, Rou20, TQX23, WYHQ24, WLD22, ŻW21a]. **Spline-based** [MSHB22, ŻW21a]. **splines** [AS21, BEIL21, CG21, CM22, EJR24, GP22a, GK21, MP23, ZCL20]. **split** [TSS24]. **Splitting** [Alt23, BGK23, NSRI24, BAB+20, CL20, CYKL23, GLL20a, GM21a, He23a, KS21, KEUY23, KM22, LKC+24, LZFZ22, LMMMP20, LP22c, MS20a, OEASY24, SZS20, SH22, SJZ22, TH23, WCW20a, WXF22, WHT22, WL23, XFS23, XWXF23, ZZW20]. **splitting-up** [He23a]. **splittings** [NSMM21]. **spraying** [SLUW+21]. **spread** [THF20]. **square** [ACXI24, Axe20, HBC+21, LD23, MC24, PM23, WX22, WCZ24, YOF20, ZZZC24, ZLQ23, ZHZ23]. **Squares** [BDG21, AN21, BB21, BBG23, CM21, FP20, FK21, JBKW23, KC21, Ku24, LCC22, QC24, QFL20, SV21, STM21, Sto20, WW20b, Zha23, BB23b]. **squeeze** [WLZZ22]. **squeeze-film** [WLZZ22]. **stabilisation** [YOF20]. **Stability** [BZ23, DN22, Der23, NS20, QZH23, SQL21, AD21, CS22, CYC+23, CZ23, GV21, KTY23, LGL20, LZ20c, LQCM20, SGZ+23, STM21, YYZ22, ZL22a, ZY23, ZLQ23, ZHZ23, ZW20b]. **Stabilization** [BMPP22, CS23a, AN23, BLMV24, CRRS21, CEL20, CLL+24, ERG+24, HJM23a, HJ24, KCW22, LXRQ22, Mas23, MN23a, QHHW20, WCH23, YEO21, YQZL22]. **Stabilization-free** [CS23a, BLMV24, CLL+24]. **Stabilized** [ABR20, BNC+23, BLF23, CO20, CXXZ23, CRF+20, DZ24, FLS23, GCC20, HSM+23, JWW21a, JZS23, JMN22, KC23a, LHF24, LH23b, ŁSSP23, SR22, TBO20, WHH22]. **stabilizer** [MGD23a, ZX22]. **stabilizer-free** [MGD23a, ZX22]. **Stable** [HTBMC20, JYHS23, LPK22, BKB22, BFRA21, BC20a, CMPR23, CBI+23, sCpLYhG23, CGK24, CSI21, GS22, GHMD22, GLÖ21, GK20, GGRBRG20b, GZ23, HYJ20, JWL20, JW20, LWSZ21, LJ24, Lob21, OF20, PHL21, QH22, QZH23, RDP20, Rav20, ySRC22, SU23, SXKL24, SWZ23, VR20, VBDR24, WLJ21, WZY22, WaZWZ23, WDYZ24, WHH22, WKC21, XKXL22, ZO21, ZD22, ZS23a, ZWT23, Zha22d, dSMAdOW22]. **stacking** [LL22c, WWZ+24]. **stage** [CD20, GHSR23]. **Staggered** [ZPC20, BHPS24, GWYR22, KJN21, KGJN24, ZPC22, ZPK22].

staggered-grid [GWYR22]. **stagnation** [AGA+21, BWZ22, BWZ23]. **stagnation-point** [AGA+21, BWZ22]. **stainless** [Cao21]. **staircase** [ZKBC21, ZBKC22]. **standing** [DMG23, LZ20c]. **star** [DGK20, DWS20]. **star-shaped** [DWS20]. **start** [CSCY24]. **started** [WCZD20]. **state** [Ale23, AGM+22, BGPS20, BGZ22, BJyST24, BCM22, BC20b, CZLQ22, CSCY24, GORBS21, HBC+21, LSWY21, TS21, VGA+22, WLQ22, XHM20, ZLYL20, ZZL23, ZS23b]. **state-based** [Ale23]. **state-constrained** [AGM+22, BGZ22]. **states** [ABS23, MZWD23, SSdA20]. **Static** [PND+24, ZKBC21, BAB+20, Hop23, JSSS24, TMML23, XZ24, ZR22]. **stationary** [CGO22, CCGI23, HJP23, LD22, LXRQ22, LMMMP20, ŁMMMP21, MGBN22, MLJ+20, MS22, NSMM21, PTNR24, Qiu21, QQY+23, SL20, SLGF20, ZZ24b, ZXZF20, ZST22, ZZS24, ZHW20]. **steady** [ABR20, ABS23, BGPS20, BCM22, GORBS21, HBC+21, JICRMG+20, KNBR22, LSWY21, LLZ+23, SSY22, WDGC20, WFW+24, YA23, ZLYL20, ZZL23, ZS23b]. **steady-state** [BGPS20, BCM22, GORBS21, HBC+21, LSWY21, ZLYL20, ZZL23, ZS23b]. **steam** [HLEF20]. **steel** [Cao21]. **Stefan** [NRV22a]. **Stekloff** [BZY20]. **Steklov** [Ant21, VLD+24, XXLS23, ZPK22]. **stem** [ZDW+20]. **stencils** [CT22]. **stenotic** [ISA24]. **step** [BS23b, DE22, DCCM23, MZHJ24, PWMC23, WZ21, WLD22, YLCC21]. **stepping** [BWMW23, HJM23b, Hoa22, HLCW24, KP23, LAX22, Rav20, RH21, ySRC22, WYW+24, YFK20, YFK23, ZZW20]. **steps** [CQG+24, KMS20, QWC+23, SJZ22]. **stepsize** [LQ24]. **stiff** [DdSP21]. **stiffened** [LML23]. **stiffener** [LML23]. **Stochastic** [YYZ22, ADG23, ASSV20, BX20, BKK+23, CCX21, CS20a, Che24, Dai22, DYZ22, FS21a, FSH+23, GAM24, HJP23, HZR23, LLW20, LZ20d, LQCM20, LD20, LY21, LQ24, MW20, TZ20, VT21, WS20b, WWH23, YY20a, YTH+21, YTT+22, ZLQ23]. **Stokes** [GAM22, SXKL24, WDZ21, Agg20, ABR20, ACRBT23, BSRVC20, CCGI23, CLR23, CLRT24, CW20, CL20, CHJR21, CTZ22, DKMS22, DZ24, FYM23, FLOQ21, GOV20, GI21, GWN21, GS23, HJM23a, HQLJ20, He23b, HKM21, HHW21, HX22, JRu24, JWL20, JZS23, KNBR22, KGJN24, LS22a, LL21a, LM24, LYAZ20, LD22, LXRQ22, LL23, LHF24, LD20, ŁMMMP21, LCT22, MRN+20, MZHJ24, Oru22, OSZ22, PS22, PNT+23, QSW23, QHHW20, QWC+23, QQY+23, QD20, RZC21, RDP20, SCCS21, SLGF20, SR22, Tür20, WZ21, WWL22, WWS23, WaZWZ23, WZS24a, WFW+24, WH20, WHH22, WCH23, WWH23, XCLX24, XW24b, XHL24, Yan20, YHZ22, YHLA22, YW20, ZQM20, Zha22a, ZDW23, ZPC22, Zha24, ZS21, ZNMS23]. **Stokes-Korteweg** [MRN+20]. **Stokes/Darcy** [GOV20, HX22, LYAZ20, QHHW20, QWC+23, XHL24]. **storage** [JFS20]. **storages** [FL22]. **strain** [BZ21, CWTM20, LP21, LP23, SJM24, TRL23, VJ22]. **strain-smoothed** [LP21]. **strains** [PGR23]. **Strands** [BV23]. **strategies** [BF21, DTV20, LZG+23, Loh21]. **strategy** [BGG+23, CGGY23, CRM22, DBB23, GHRD20, GP22b, HLN24, JAHM23, MMC21, MVHÖ23, SMS+23b, SBNR23, ZZ21]. **streamflow** [YTT+22]. **streamfunction** [LLX23]. **streaming** [DMG23]. **streamline** [SSW20]. **streamlined** [SZ24]. **street** [AADMA23, WSGT21]. **strength** [MMP21]. **Stress** [DFGS24, BNQ21, BS21, CXXZ23, DGQT20, DFK22, JSSS24, KPO20, KPJO22, Med23, NNNT22, YY23, YLY20, Zha24]. **stress-based** [NNNT22]. **stretching** [OAA+22, OSO+23]. **stretching/shrinking** [OAA+22]. **stride** [YMTS20]. **stringer** [LML23]. **strip** [MAT+20]. **stripe**

[WTSZ20]. **strong** [AD21, CXXZ23, XTZ+21, YWT22, ZWT23]. **strongly** [AKO21, Ade20, FWLD22, KRO24, Med23, PKP21, WH20, Zha24]. **strongly-constrained** [FWLD22]. **Structural** [CL22b, BM21, FK20]. **Structure** [JH24, ASGGRG23, AZY22, CCG+23, CG21, FZH22, GPL21, GV21, GCSF21, HC23, HGW21, ISA24, JJOG20, KWM22, Kam21, KJ21, KWLW24, LFF+24, MSHB22, MZM21, MKS+21, QS20, RLVR21, SLYL22, WH21, YTK21, YGZ+22, YHF24, ZDW+20, ZS23a, ZXXX23, ZJZ24, ZNH24]. **Structure-preserving** [JH24, ASGGRG23, CG21, KWLW24, QS20, SLYL22, WH21, YTK21, YHF24, ZS23a, ZXXX23, ZNH24]. **structured** [BEG+21, NM23b, OF20]. **structures** [APGK24, BDS+22, DBB23, Gie23, Ha20, HXZ+22, KJL+20, LR22, MJWD20, MKM+24, NNNT22, PND+24, YA21, ŻW21a, ZLF+22, ZXG+24]. **studies** [XTZ+21]. **Study** [GGRBRG20b, GGRBRG20a, RLVR21, SLX+23, Adj22, ACV21, BHPD23, BS23a, CMS23, CS23b, DBH+21, EGF+23, GKHU22, HHR+20, HD21, IZ20, ISA24, KAKK23, LFF+24, MRP20, NM23a, OAA+22, PTM+23, RSAG+24, SB21, SAVHB22, WSGT21, XGL21, XLZ+21, YD21, YD23, YY23, YZL20, ZJCG21, ZL23c, ZLD+23]. **studying** [FL22, HGD21, THF20]. **style** [MB21]. **sub** [DAS20, JVBM23, MJR20, SM23, WLD22, YZT21, ZYTX22]. **sub-diffusion** [DAS20, SM23, YZT21, ZYTX22]. **sub-grid** [MJR20]. **sub-parametric** [JVBM23]. **sub-step** [WLD22]. **subcell** [KCW22, RHA21, SK21]. **subcell-enriched** [RHA21]. **subdiffusion** [JL23, KR24, LQY22, MGD23a, Pło22, PT24, Pon20]. **subdiffusive** [KMP20]. **subdomain** [CQG+24, QWC+23]. **subgrid** [Zha21]. **subject** [ACXI24, ANH+21, LXY23, PWWJ23]. **subjected** [YLZL20]. **suboptimal** [AGM+22]. **subsampling** [LNF24]. **subscales** [EKB20]. **subsonic** [SQLZ21]. **Subspace** [LLZ21, FK20]. **substance** [WSO+23]. **substitution** [SXLZ21, ZRL+22]. **subsurface** [LBTVG22, SYZ23]. **successive** [PXLY23]. **sufficient** [KN20]. **suited** [BMVA23]. **summation** [NERB+22]. **summation-by-parts** [NERB+22]. **sup** [CS22, DFHT21, Sau23]. **super** [GKK+20]. **super-smooth** [GKK+20]. **Supercloseness** [LZ23, MZ23a, ZZ23a, ZX22]. **Superconvergence** [BRRT21, LS23, SJ21, SJ23, WLJ21, WL22, WGC23, WSCP24, WS20a, YWL23, YJ24, YLZ20a, ZNMS23, LSW20, LLXZ23, PKP21, SL21, SLW22, SZ22b, SZ24, SQ24, WLW+22, XXLS23, YLW23]. **Superconvergent** [SL20, WLL23]. **supercritical** [JWW+21b]. **superdiffusion** [AZHY22]. **superlinear** [SSdA20]. **Supermodeling** [PSDP22]. **superposition** [BL20]. **supersonic** [sCpLYhG23, SA22, WLX20]. **SUPG** [JMN22, ZL22a]. **SUPG-stabilized** [JMN22]. **supply** [BEKV21]. **support** [JZXR24]. **supported** [KPJO22, WS21b]. **supports** [CWZ21]. **suppressed** [HHNV23]. **suppression** [ZWW+23]. **supraconvergent** [BFRA21]. **Supremum** [KPS23b]. **Supremum-norm** [KPS23b]. **surely** [YYZ22]. **Surface** [Yan24, ANH+21, AIG+21, AEF20, BHD+21, BHDV22, CLLL20, CFT+23, DNP+22, HKJ23, HLH24, JWW+21b, JBKW23, KK23a, LYP+22, LL20a, Li21, LLZ21, LZA23, MKAM20, NC20, OXY21, SK23, SBH+21, YSGD20, YJZ20, ZDLL22]. **surfaces** [EFF21, GXFT23, KYY+20, Kra23, SR23, YWT22, ZXZF20, aKST22]. **surfactant** [XWXF23, Yan24]. **survey** [Mas23]. **suspended** [AAS+20, HLH+20a]. **Svärd** [KP22a]. **SVD** [NCCD24]. **sweeping** [LQ20]. **Swift** [QH22, WCWZ23, YTK21]. **swimmers** [AAWJ20]. **switching**

[KP21, WDGC20, YY20b, ZW20b]. **Sylvester** [LWL21, LZFZ22]. **Symmetric** [FJZC20, KC23b, BKW22, BS21, CXXZ23, CCGV22, FC24, HZJ+22, KMZ22, LPK22, LWL21, SN20a, SS22, SCG23, SCdH21, WS21a, WZY23, WFMD20, Zha24]. **symmetric-triangular** [SS22]. **Symmetrical** [WS20b]. **symmetry** [DGQT20, DFGS24, Med23]. **symplectic** [ZSK23]. **Symposium** [ZSH+21]. **synapse** [Gie23]. **synchronization** [MRP20]. **System** [BB23b, AN23, BML22, BS23b, BW21, BKM23, BGG+20, BMS22, CRRS21, CQG+24, CSI21, ÇM20b, DN22, RFG+21, DKV21, DYZ22, DSF24, DH24, FKW22, Fan23, FLOQ21, GSS24, GDA21, GHS23, Gut20, HJP23, HTDT23, HHNV23, HH23, IQS20, JZHZ22, JM20b, KG20a, LGQZ21, LXJ+21, LL22a, Li24, LQCM20, MA22, MZM21, PS22, PTM+23, QQY+23, SADW21, SR20, SV21, SN20b, SMR24, TA22, WCW20a, WYP23, WaZWZ23, WSS22, YGZ+22, YHF24, YCWS20, ZL23a, ZSK23, Zha23, ZCZ+21, ZGL23, ZSY22]. **systems** [ACDL24, AS23, BAKR24, BCT21, BHC20, CBŁP23, CSS20, CWW22, CFP22, CG21, CKBTS24, CHJR21, DLN24, DHW20, GP22a, HYZZ24, JL19, JL20, KM22, KYY+20, Kim21, Koc22, Kra20, LZW21a, LZW21b, SS22, SK21, SSdA20, WLZZ22, XZ24, XSZ+23, YY20b, YM21, ZCL20, ZZL22, ZX24, ZWS22].

T [BRS21]. **T-IFISS** [BRS21]. **tailored** [EFK+23, XHY21]. **tank** [LCT21]. **Targeted** [PTM+23]. **targets** [LFGZ23]. **tau** [NML23, ZM20]. **tax** [XXY20]. **Taylor** [XL24]. **TD** [LQLF23]. **TD-BEM** [LQLF23]. **TD-FEM** [LQLF23]. **technique** [Agg20, BV23, BL20, BGH20, BBK24, ERG+24, FC24, GQ23, HLX20, KR24, LCE23, LMLZ23, LP22c, Par22b, RL20, SWZ23, WZ21, YQZL22, Yu23, YW24, ZBCS24]. **Techniques** [DO23, BCF+23, MHHR20, TRSM23, VADG22, WCZ24]. **telegraph** [MJRM20, YQZT21, ZLL20]. **telegraph-diffusion** [MJRM20]. **telegraphic** [MGA22]. **temperature** [AOL22, BABS20, FdOS20, TSARR21, YWL21, ZTL22]. **temperature-dependent** [YWL21]. **tempered** [JL23, QGQ22]. **Temporal** [DAS20, HZA22, AMS24, DTW23, HS20, LWX20, QFL23, SQ23, Top22, ZHZ23]. **tensile** [YZW+22]. **tensile-compressive-shear** [YZW+22]. **tension** [MKAM20, NC20]. **tensor** [CHL21, Mal22, YGZ+22]. **Tensorized** [ZZL22]. **tensors** [BHC20]. **Tent** [HA23, PSSW20]. **Tent-pitcher** [HA23]. **term** [GKHU22, GF21, GCC20, HYW+24, HAC23, KSS22, KSSS23, KP23, LF24, LYL+22, MLLL24, MN23a, Ngu20, OAH+24, SM22a, Top22, WCH20, XFLZ22, YWPS24, ZQM20, ZYTX22, ZX20]. **term-by-term** [GCC20]. **terminal** [XXY20]. **terms** [AMV21, GDŁW23, HB24, KP24, SSD23, ZW20b]. **ternary** [HLH+20b, WZY22, ZWMF24]. **terrain** [TGL21]. **terrain-disrupted** [TGL21]. **tertiary** [DP20]. **tesseract** [NW24]. **test** [CM23, GM21b, MN21]. **Tests** [Zdu21]. **tetrahedral** [Gie23, LLXZ23, WN24, YLW23]. **tetrahedrons** [IKST21]. **textile** [FGK+21]. **texture** [RGL22]. **their** [BHC20, Din21, GLLZ23, Kra23, LMBB24, MRP20, YTA23]. **Theoretical** [ZL22b]. **Theorist** [Sch21]. **Theory** [PV20, BDP23, Ha20, LZJC21, MMAK20, MMAK21, SJM24, WWCJ23, WCW20b]. **Thermal** [LML23, MMP21, ZXG+24, AAG22, AGA+21, AL23, FL22, HKS21, HHY+22, JM23a, JFS20, KGB24, MLHS23, QP24, SB21, SBH+21, SLUW+21, TWH+22, UuIUK21, WWQ20, XFX22, YL20a, YLZ20a]. **thermal-diffusive** [SB21]. **Thermal-mechanical** [LML23].

thermal-wave [AL23]. **thermally** [OCCM21, TA22]. **Thermo** [AA21, BAB+20, HEDT20, SDJ+22, YSGD20, YLW+22, ZR22]. **thermo-chemical** [HEDT20]. **thermo-elastic** [YLW+22]. **Thermo-electro-mechanical** [AA21]. **thermo-mechanical** [YSGD20]. **thermo-poroelastic** [ZR22]. **thermo-poroelasticity** [BAB+20]. **thermodynamic** [AGA+21]. **thermodynamically** [ZGW23, Zha22d]. **Thermoelastic** [ASZ24, AAC23, JM23a, SZCW24]. **Thermogravitational** [PM23]. **thermomechanical** [CWTM20]. **thermomechanics** [CTGR24]. **thermomicropolar** [RL23]. **thick** [ZDT+22]. **thickness** [KKJ+22]. **thin** [BBS21, CWZ21, CRDS20, HXZ+22, LLW20, LZJC21, MNB23, NP24]. **thin-walled** [NP24]. **third** [LCY23, OCCM21, SWZ23, ZCYL24]. **third-order** [LCY23, SWZ23, ZCYL24]. **thixotropy** [Vah22]. **Thomas** [GQ23]. **Thompson** [AAC23]. **thoracic** [ISA24]. **Three** [BAM+21, Fan23, KLK+22, WCW20b, ZBKC22, BS23b, BZ20, BOSV20, BM23, RFG+21, EH23, FCFW21, He23b, HZ24, LGQZ21, MMPR20, QQX21, QSL23, QP24, RZC21, RZSL23, RG21, SXLZ21, SWC24, Vis24, WXF22, WYHQ24, YSGD20, YQZT21, YWPS24, ZCYL24, ZZL23, ZZ20b, ZSW23, ZHPW23, ZZFL21, aKST22]. **Three-component** [Fan23, ZBKC22]. **Three-dimensional** [KLK+22, WCW20b, BZ20, RFG+21, EH23, HZ24, LGQZ21, QQX21, QSL23, RZSL23, RG21, SXLZ21, Vis24, WXF22, YQZT21, YWPS24, ZCYL24, ZZL23, ZZ20b, ZSW23, ZZFL21]. **three-field** [FCFW21]. **Three-phase** [BAM+21, BM23, QP24]. **three-scale** [YSGD20]. **three-species** [BOSV20]. **three-step** [BS23b]. **threshold** [LHC23, SB21]. **tidal** [ZY21b]. **tide** [KK21]. **tIGAr** [Kam21]. **Tikhonov** [DHVT20]. **Time** [BWR21, FRW22, GM21a, HH22, KG20a, Pon20, RH21, SQC23, AD20, AS21, AD21, ADD22, ADL+21, AZY22, ABV23, AMM23, AN23, AMC23, BDV23, BV23, BS23a, BLF23, BHPS24, Bar22, BBK21, BMK21, BB23a, BCCR20, Bot20, Bra20b, BWMW23, CS20b, CCWS20, CLZW20, CL22a, CLYH22, CLH22, CQG+24, CMR22, CMM23, DLN24, DHVT20, DS22, DMŠ22, DAS20, DC22, DBB23, ELS24, FKW22, FC24, FSW20, FBK+24, FX22, FK21, GvV22, GLL+20b, GP22b, GKHU22, GDA21, GMS23, GHSR23, Gra21, GI20, GAM24, GGRBRG20a, GCMS21, HJM23a, HJM23b, HDG23, HH23, HZR23, Hoa22, Hop23, HYH23, HYW+24, HS20, HAC23, HRS20, JRu24, JJZ21, JWZ22, JHG+21, JL23, KPS23a, Kar24, KMS20, KP23, KR24, KC23b, LSV21, LNNP24, LAX22, LXZ23, LLX23, LZA23, LT23, LAL+24, LSRL24, LY21, LYL+22, LMLZ23, LS23, LMST20, LP22a]. **time** [ŁWP+23, ŁSSP23, LCT22, MH22, MFZX23, MC24, MSHB22, MMC21, MMAK20, MMAK21, MJVH24, MLLL24, NH24, OCCM21, OAH+24, PG21, PRN+23, Pło22, PT24, PS21, QHHW20, QWC+23, QXCG20, RDF24, Rav20, RL23, RYAM21, RMBC24, RR22, SC21a, SM22a, SG23, SB24b, SHM21, ySRC22, SLW22, SCG23, SK21, SW21, SC21b, SXLZ21, SJZ22, Top22, TH21, UHLZ24, WDGC20, WS21a, WC21, WZ21, WLX22, WZY22, WZ22, WL23, WYP23, WZD24, WWLG24, WQ24, WYW+24, Wat22, Waz20, WLW+22, WLD22, Wie23, Wol20, WZCS20, WTQ+20, WCY+24, XCFC21, XLLA20, XSZ+23, XHL21, XHL24, YQZT21, YTK21, YGZ+22, YL22, YS23, YLL24, YFK20, YFK23, Yua23, YWZ+23, YPZ+21, ZWOM21, ZZW20, ZJJ20, ZLT+21, ZDWR22, ZDLC22, ZRL+22, ZF22, ZLQ23, ZAH23, ZYC+24,

ZZZ24, ZWCS20, ZGL23, ZA23, ZLJT20, ZNH24, ZX20, ZZB20, ZXQQ22, ZWS22, ZWW+23, ZQS24, ZAPK23, dSG20]. **time-** [MJVH24]. **time-accurate** [YTK21]. **time-adaptive** [HDG23]. **time-consuming** [LCT22]. **time-delay** [YGZ+22, ZWS22]. **time-dependent** [AS21, AN23, BDV23, BLF23, CLH22, CMR22, DLN24, GDA21, GHSR23, Gra21, HJM23a, HYH23, JRu24, JL23, LMLZ23, LS23, ŁWP+23, MH22, PG21, Pło22, PT24, QHHW20, RL23, RYAM21, SLW22, SC21b, Wat22, Waz20, Yua23, ZA23]. **time-discrete** [GGRBRG20a]. **Time-Domain** [BWR21, ADD22, GMS23, LZA23, ZYC+24, ZAPK23]. **Time-fractional** [FRW22, AD20, BS23a, CS20b, CLZW20, DHVT20, FKW22, FSW20, GP22b, GAM24, GCMS21, HYW+24, HS20, HAC23, JWZ22, KP23, KR24, LT23, LSRL24, LY21, LYL+22, MFZX23, MC24, MMAK20, MMAK21, OAH+24, QXCG20, RDF24, RR22, SG23, SCG23, UHLZ24, WS21a, WC21, WZ22, WQ24, XCFC21, YQZT21, YL22, ZZW20, ZDWR22, ZAH23, ZLJT20, ZNH24, ZX20, ZXQQ22, ZQS24]. **time-harmonic** [LAL+24]. **time-independent** [BV23]. **time-marching** [WYP23]. **time-periodic** [Wol20]. **time-space** [SHM21, TH21, ZGL23]. **Time-splitting** [GM21a]. **Time-stepping** [RH21, BWMW23, HJM23b, Hoa22, KP23, LAX22, Rav20, ySRC22, WYW+24, YFK20, ZZW20]. **time-steps** [SJZ22]. **time-varying** [WWLG24, WTQ+20]. **time/space** [SK21]. **times** [HM20]. **Timoshenko** [HV21, JSSS24]. **tiny** [ANH+21]. **TiO** [AWA+22]. **tissue** [BGG+23]. **tissues** [SAVHB22]. **TMoL** [BDL20]. **Toeplitz** [ZZL22]. **tokamaks** [BNC+23]. **tomography** [CEB24, GPRH+24, HKS21]. **toolbox** [BRS21, GSW21, RHR+21]. **toolkit** [KTXP21]. **tools** [NES23]. **top}** [dSMAdOW22]. **topography** [CBI+23]. **topological** [MR24, Par22b]. **Topology** [LZG+23, OKSS21, VSG21, WFW+24, XYT+21, YYY+22, ERHL22, NIT+20, NNNT22, UuIUK21, XXYL23]. **toric** [YJZ20]. **Torrey** [XLLA20, YLL24, ZLT+21]. **torsion** [GM21b, MHHR20]. **total** [CS23b, LCN20]. **TPFA** [AEZ24]. **TR** [BM21]. **TR-BDF2** [BM21]. **trace** [CXXZ23, CM20a]. **tracer** [PBR24]. **tracking** [BJyST24, HJ23, JICRMG+20, LLZ21, ZWW+23, NM23a]. **Training** [JKC24, KC22a]. **transaction** [TZ20]. **Transfer** [ZSH+21, ANH+21, AGA+21, AL23, BWZ22, DK23, FL22, GZAR23, HLCW24, JSBZ22, JWW+21b, LYRW21, LGZC23, LLJ23, MAT+20, MLJ+20, MLHS23, PS20, RG21, SADW21, SSW20, TSARR21, YLY20, YCZ+21, ZHHL23, ZSL22]. **transform** [SZS20]. **transformation** [Cos23, HXW23, HWY23, HXZ+22, KLK+22, RLSC23, WXF22, YKMZ21, ZXG+24]. **transformed** [ZA23]. **Transient** [AIG+21, SWZC23, VBDR24, BMH22, BIMS24, BLRRS20, BKT+23, CRDS20, DBH+21, FMS22, HQLJ20, LGZC23, MLJ+20, NIT+20, SFR21, SZCW24, ZDLC22, ZRL+22]. **transition** [BTYM+21, TK20, WS21b]. **transitional** [APGK24]. **translations** [RKRRL22]. **transmissibility** [LBTVG22]. **Transmission** [MGD23b, AMV23, GO23, Krz22, RTA20, TCA22a, WBY23, ZH23a]. **transport** [BBK21, BGG+23, BAB+20, BSRVC20, CLL21, CRPdT20, DO23, HHR24, KTFI23, KGW+21, Kri20, KOMK20, LHC+22, MWY21, MMC21, PBR24, RWaZ23, SAVHB22, SR22, TO20, TCA+22b, Wie23, YLY20]. **transportation** [HKJ23]. **transverse** [NML23]. **transversely** [GRR20]. **Trapezoidal** [ES20]. **trapping** [WTQ+20]. **treatment** [AOL22, LSRL24, NM23b, PGK20].

treatments [GF21, ZZ20b]. **tree** [ABLS23, HMW21, WSGT21]. **Trefftz** [LFY+21, MNB23, PSSW20, Sch21, XFX22, Yua23]. **Trefftz-based** [MNB23]. **Tresca** [AAK24]. **tri** [MN23b]. **tri-harmonic** [MN23b]. **triangle** [FSS+20, FJZC20, GKK+20]. **triangles** [GK21]. **triangular** [AA20, CL20, ÇM20b, HL22, NY22, Sau23, SS22, WKC21, XW24a, ZC23, ZZ23a, ZZ24a, ZW20a]. **triangulations** [BEIL21]. **triblock** [WZY22]. **tridiagonal** [JL19, JL20]. **trigonometric** [SZS20, WCL20]. **trilinearly** [KV22]. **triple** [KWLW24, ZWCS20]. **triple-coupled** [KWLW24]. **triple-relaxation-time** [ZWCS20]. **Trotter** [WHT22]. **truncated** [NCCD24]. **truncation** [KWK24]. **TS** [JYHS23]. **TT-M** [CLLG23, LFY+20]. **TTTS** [SQ23]. **tube** [QhCZ+20, SB24b]. **tubular** [Koc22]. **tumbler** [XGL21]. **tumor** [ASGGRG23, BGG+23, KN20, LWZ22, PSDP22, SWWZ23]. **tumor-growth** [SWWZ23]. **tumor-induced** [BGG+23]. **tumoral** [NCRGVR21]. **turbidity** [GDA+22]. **turbine** [HLEF20, YL20b, ZY21b]. **turbulence** [PWWJ23, PWJ+24, US20, WS21b, YLY20, YOF20]. **Turbulent** [MIOK21, EFF21, EGF+23, NAE22, PGK20, TGL21, WZC+20a, WZC+20b, XL22, ZCXG20, ZY21b]. **Turing** [AMS24]. **TV** [ZZ23b]. **twins** [TCA+22b]. **twisted** [MAT+20]. **Two** [BZY20, BABS20, CLH22, CV20, DZ24, ERHL22, FMS22, LXJ+21, LT23, LC21, Oru20, XF23, YA23, YLCC21, ZST22, ZH23c, AMN22, AIG+21, AEZ24, ASSV20, BV23, BS23b, BMP21, BBK24, BBDM21, BGKV20, BDS+22, CD20, CO20, CLL21, CLLG23, CDLW20, CLZW20, CLH21, CZ20, CYQW21, CHL21, CCWC23, CCGRL21, DBH+21, DZ22, DLC22, Der23, DGQT20, DFGS24, Du24, EH23, FX22, GLL+20b, GNZ24, GPY22, GM22, GHSR23, GK21, GWN21, GS23, HZJ+22, HX22, HYW+24, HGW21, HJXW23, HQL23, HHG20, Ila20, JRu24, JJZ21, KSS22, KP22b, KK23a, KP23, LHC+22, LZ20b, LD22, LCW22, LY23, LLZL24, LAL+24, LLW23a, LFY+20, LFY+21, LCC22, LC22, LCH23, LRZ23, LLJ23, LLW+23b, LP22c, MZWD23, MFZX23, MAT+20, MR22, Mit22, MN23b, NRV22a, NML23, Oru22, PL24, QD23, QX23, QHHW20, QXCG20, RR22, SB24a, SJ24, SQL21, SSD23, SH22, SWC24]. **two** [TQX23, TCW23, TVKN21, WYH20, WFH+20, WYS+20, WCH20, WC21, WZ22, WYP23, WQ24, WS20a, WZXN21, WWH23, Xen20, XW24a, XLLA20, XLS22, YK20, YJL22, YZN22, YLL24, YLZ20a, YFK20, YLWZ20, YCWS20, YPZ+21, ZFZ20, ZLPR20, ZJJ20, ZLT+21, ZY21a, ZHYL21, ZFL22, ZZS23, ZGW23, ZLL20, ZZ20b, ZL23c, ZLJT20, ZZB20, ZW21b, ZSL22, ZWY23, ZHPW23, dlRRG21]. **two-** [EH23]. **two-asset** [GM22]. **Two-dimensional** [BABS20, AMN22, BV23, BBK24, CO20, CLL21, CLLG23, CDLW20, CZ20, CYQW21, DZ22, Der23, FX22, GWN21, HYW+24, HGW21, HJXW23, HQL23, HHG20, Ila20, JRu24, JJZ21, KSS22, KK23a, KP23, LZ20b, LFY+20, LFY+21, LRZ23, LLJ23, MFZX23, MR22, Mit22, MN23b, Oru22, QX23, RR22, SB24a, SJ24, SSD23, TQX23, TVKN21, WFH+20, WC21, WZ22, WQ24, XLLA20, XLS22, YLL24, YFK20, YLWZ20, ZLPR20, ZJJ20, ZLT+21, ZZS23, ZLL20, ZL23c, ZLJT20, ZZB20, ZSL22, ZWY23]. **Two-grid** [BZY20, CLH22, DZ24, LT23, ZH23c, CLZW20, CLH21, HZJ+22, HX22, LD22, LLZL24, LCH23, LLW+23b, TCW23, WCH20, WS20a, YJL22, YZN22, YLZ20a, ZFZ20, ZHYL21]. **two-layer** [LCC22, LC22, QD23]. **Two-level** [CV20, YA23, ZST22, BS23b, CCWC23, DLC22, GPY22, YPZ+21, dlRRG21]. **two-parameter** [SH22]. **two-parameterized** [ZZ20b]. **two-patch**

[BGKV20]. **two-phase** [AEZ24, BBDM21, CCGRL21, GNZ24, KP22b, LHC+22, LLW+23b, MAT+20, NRV22a, WYS+20, WYP23, YK20, YCWS20, ZGW23]. **two-point** [LLW23a, Xen20]. **Two-scale** [ERHL22, BMP21, CHL21, DFGS24]. **two-sided** [LCW22, SQL21, ZFL22, ZHPW23]. **two-stage** [CD20, GHSR23]. **Two-step** [YLCC21]. **type** [AN20, BHS22, BHL+23, BGD22, CDM24, CGK24, CSS23, CCGRL21, CGI+22, EGP20, FLS23, GPA21, GK21, GDŁW23, GCJ23, HLW23, JAMX24, KC22b, KCD+23, KC23b, LQ20, LZ20c, LYL+22, MZM21, MKP23, PV20, QGQ22, RZSL23, ST20a, TPOT20, WYHQ24, WL20, Xen20, XFS23, XTZ+21, YL20a, YLW+22, Yan24, ZZ23a, ZZ24a, ZGL23, ZWS22, CCGV22, WDYZ24]. **types** [ZZ20b]. **typical** [ZL23b].

ultra [MS23]. **ultra-weak** [MS23]. **ultraconvergence** [HLX20]. **ultrasound** [AEF23, FJP22]. **Ultraweak** [Füh21, CHD24]. **unbounded** [AAC23, FMS22, GCMS21, KK23b, RLF21, YW24]. **uncertain** [IJS+24, TJYL22]. **uncertainties** [FSH+23]. **Uncertainty** [CFG+23, KG20b, AS21, CL24, SC21b, YT22]. **Unconditional** [CZ23, LSW20, SZ22b, SZ24, SQ24, WYW+24, XP22, ZHZ23, JWL20, SXKL24, ZY23]. **Unconditionally** [GHMD22, GWN21, LQY22, WLL23, WaZWZ23, ZO21, CGK24, GGRBRG20b, HYJ20, LWSZ21, LJ24, PHL21, QH22, QZH23, WZY22, WHH22, XKXL22, ZD22, ZS23a, ZWT23]. **undamped** [WH21]. **undulation** [BP20]. **unequal** [CTZ22, LZ22, WZTZ23]. **unequal-sized** [CTZ22, LZ22, WZTZ23]. **unfitted** [BNV22, BDV23, LS22a, OSZ22]. **unicellular** [NM23b]. **unified** [CG21, CKBTS24, DD21, DLN24, DG22b, HLH+20b, HWZQ23, Hof20, SCCS21, TWH+22]. **Uniform** [SvV20, ZL22a, ZZ24a, HV21, HKL+23, Ima20, LL20a, LXJ+21, QQX21, TMML23, ZZW20]. **uniformly** [SG23]. **Uniquenes** [BJG23]. **uniqueness** [BMZ20]. **unit** [JFS20, MC24, ZCZ+21]. **united** [CFP22]. **Unity** [HNLPP20, AM22, Du24, RDF24]. **unknown** [LLZL24, OAH+24, YEO21]. **unmanned** [JJOG20]. **unsaturated** [RFG+21, XLZ+21]. **Unsteady** [BWZ22, BWZ23, US20, BEKV21, CSI23, DLC22, DCCM23, GJS20, KNBR22, LHH22, LLZ+23, LCT22, OEASY24, QhCZ+20, Yan20, YWPS24, YPZ+21, ZSF23]. **unstructured** [AN21, BCT21, BHL24, CSI21, EH23, GMS23, HZ24, KCW22, LMZ23, LZG+23, NDC22, WM23, YA21, ZCYL24]. **upflow** [BAM+21]. **upper** [CL20, Ku24, XW24a]. **upwind** [ASGGRG23, LCT22, ST20b, ZHPW23]. **upwinding** [Lee21, LMBB24]. **urban** [AADMA23]. **usage** [RHR+21]. **use** [BNB20, Loh21, NES23]. **used** [Kri20, PSDP22]. **Using** [TRSM23, YL20b, AS21, ASH+21, AIG+21, AFM+24, BDMX21, BS23a, BGG+20, BP20, BD20, BDJ20, BCK24, CRM22, CRRS21, CM22, CHZ23, CFG+23, CL22b, CDG+23, DLN24, EGF+23, EFK+23, EFFR22, GCSF21, GM21b, GLC24, Gun22, HKJ23, HLH24, HSR+23, HXZ+22, IJS+24, JH24, Kam21, KEUY23, KG20b, KRESA21, KLK+22, KMS20, KKJ+22, LCY23, LQYJ23, LDW+24, LML23, LP22c, LYXC21, MCZL20, MIOK21, MB24, MRN+20, MJVH24, MJWD20, MKM+24, MVHÖ23, NM23a, NE22, NIT+20, NP24, NR22, OSO+23, PDB22, PND+24, RNN22, RSAG+24, RBSC24, RG21, RCSM23, RGS+20, SB24a, SAVHB22, SB24b, SGF+21, SS20, TWH+22, VSG21, WCL20, WCZ24, WFW+24, WS21b, XYT+21, XLCP20, XLZ+21, YPC+21, YCCW24, YA21, YYY+22, ZP24, ZKTK21,

ZD21, ZJZ24, ZL23c, ZXG+24, dlRGR20]. **utility** [LLZ20, XXY20, YZL20]. **utility-indifference** [YZL20]. **utilizing** [DDFZ23, SZ21]. **Uzawa** [AXLW24, HC22b, MZM21, YM21]. **Uzawa-type** [MZM21].

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[aKST22] Ludvig af Klinteberg, Chiara Sorgentone, and Anna-Karin Tornberg. Quadrature error estimates for layer potentials evaluated near curved surfaces in three dimensions. *Computers and Mathematics with Applications*, 111

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[AMS24] Alessandro Alla, Angela Monti, and Ivonne Sgura. Piecewise DMD for oscillatory and Turing spatio-temporal dynamics. *Computers and Mathematics with Applications*, 160(??):108–124, April 15, 2024. CODEN CMAPDK. ISSN 0898-1221 (print), 1873-7668 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0898122124000671`.

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Anonymous:2020:EBb

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Anonymous:2020:EBe

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[Ano22s] Anonymous. Editorial Board. *Computers and Mathematics with Applications*, 114 (??):i, May 15, 2022. CODEN CMAPDK. ISSN 0898-1221 (print), 1873-7668 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0898122122001596`.

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Anonymous:2022:EBv

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Anonymous:2022:EBw

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[Ano22x] Anonymous. Editorial Board. *Computers and Mathematics with Applications*, 116 (??):ii, June 15, 2022. CODEN CMAPDK. ISSN 0898-1221 (print), 1873-7668 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0898122122002371`.

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[Ano22y] Anonymous. Editorial Board. *Computers and Mathematics with Applications*, 117 (??):i, July 1, 2022. CODEN CMAPDK. ISSN 0898-1221 (print), 1873-7668 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0898122122002073`.

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[Ano22z] Anonymous. Editorial Board. *Computers and Mathematics with Applications*, 117 (??):ii, July 1, 2022. CODEN CMAPDK. ISSN 0898-1221 (print), 1873-7668 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0898122122002085`.

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Anonymous:2022:EBbq

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Anonymous:2023:EBbm

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Anonymous:2023:EBbp

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Anonymous:2023:PMb

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Anonymous:2023:PJc

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Anonymous:2023:PJe

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Anonymous:2023:PJd

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[Ano24s] Anonymous. Editorial Board. *Computers and Mathematics with Applications*, 162 (??):i, May 15, 2024. CODEN CMAPDK. ISSN 0898-1221 (print), 1873-7668 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0898122124001834`.

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Liu:2023:GNA

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Li:2020:PIM

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Li:2020:OSS

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Liao:2021:PIM

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Ma:2023:CAE

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[MCV24] Mauricio Munar, Andrea Cangiani, and Iván Velásquez. Residual-based a posteriori error estimation for mixed virtual element methods. *Computers and Mathematics with Applications*, 166 (??):182–197, July 15, 2024. CODEN CMAPDK. ISSN 0898-1221 (print), 1873-7668 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0898122124002232`.

Mao:2021:PEE

[MCW21] Wenting Mao, Yanping Chen, and Huasheng Wang. A-posteriori error estimations of the GJF-Petrov–Galerkin methods for fractional differential equations. *Computers and Mathematics with Applications*, 90(??):159–170, May 15, 2021. CODEN CMAPDK. ISSN 0898-1221 (print), 1873-7668 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0898122121000961`.

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Ma:2020:MSA

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[Men22] Zhaoliang Meng. Modified Morley method by free formula for fourth order elliptic singular perturbation problems. *Computers and Mathematics with Applications*, 126 (??):212–225, November 15, 2022. CODEN CMAPDK. ISSN 0898-1221 (print), 1873-7668 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0898122122003960`.

Ma:2023:RAF

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[MGA22] R. K. Mohanty, Bishnu Pada Ghosh, and Urvashi Arora. High precision implicit method for 3D quasilinear hyperbolic equations on a dissimilar domain: Application to 3D telegraphic equation. *Computers and Mathematics with Applications*, 122 (??):93–116, September 15,

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[MGBN22] Sambit Majumder, Arnab Ghosh, Dipankar Narayan Basu, and Ganesh Natarajan. Re-examining the partially saturated-cells method for incompressible flows with stationary and moving bodies. *Computers and Mathematics with Applications*, 110 (??):19–39, March 15, 2022. CODEN CMAPDK. ISSN 0898-1221 (print), 1873-7668 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0898122122000499`.

Ma:2023:SFW

[MGD23a] Jie Ma, Fuzheng Gao, and Ning Du. A stabilizer-free weak Galerkin finite element method with Alikhanov formula on nonuniform mesh for a linear reaction-subdiffusion problem. *Computers and Mathematics with Applications*, 148(??):180–187, October 15, 2023. CODEN CMAPDK. ISSN 0898-1221 (print), 1873-7668 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0898122123003474`.

Marsic:2023:TON

[MGD23b] Nicolas Marsic, Christophe Geuzaine, and Herbert De Gersem. Transmission operators for the non-overlapping Schwarz method for solving Helmholtz problems in rectangular cavities. *Computers and Mathematics with Applications*, 138(??):37–64, May 15, 2023. CODEN CMAPDK. ISSN 0898-1221 (print), 1873-7668 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0898122123000780`.

Ma:2022:VPP

[MH22] Huimin Ma and Pengzhan Huang. A vector penalty-projection approach for the time-dependent incompressible magnetohydrodynamics flows. *Computers and Mathematics with Applications*, 120 (??):28–44, August 15, 2022. CODEN CMAPDK. ISSN 0898-1221 (print), 1873-7668 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0898122122002644`.

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[MH23] F. Mostajeran and S. M. Hosseini. Radial basis function neural network (RBFNN) approximation of Cauchy inverse problems of the Laplace equation. *Computers and Mathematics with Applications*, 141(??):129–144, July 1, 2023. CODEN CMAPDK. ISSN 0898-1221 (print), 1873-7668 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0898122123001694`.

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[MI20] Gábor Maros and Ferenc Izsák. Finite element methods for fractional-order diffusion problems with optimal convergence order. *Computers and Mathematics with Applications*, 80(10):2105–2114, November 15, 2020. CODEN CMAPDK. ISSN 0898-1221 (print), 1873-7668 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S089812212030362X`.

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[MIOK21] Hirotaka Maeyama, Taro Imamura, Jun Osaka, and Naoki Kurimoto. Turbulent channel flow simulations using the lattice Boltzmann method with near-wall modeling on a non-body-fitted Cartesian grid. *Computers and Mathematics with Applications*, 93(??):20–31, July 1, 2021. CODEN CMAPDK. ISSN 0898-1221 (print), 1873-7668 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0898122121001292`.

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[Mit22] Vladimir Mityushev. Effective properties of two-dimensional dispersed composites. Part II. Revision of self-consistent methods. *Computers and Mathematics with Applications*, 121(??):74–84, September 1, 2022. CODEN CMAPDK. ISSN 0898-1221 (print), 1873-7668 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0898122122002863`.

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[MJR20] D. Mierke, C. F. Janßen, and T. Rung. An efficient algorithm for the calculation of sub-grid distances for higher-order LBM boundary conditions in a GPU simulation environment. *Computers and Mathematics with Applications*, 79(1):66–87, January 2020. CODEN CMAPDK. ISSN 0898-1221 (print), 1873-7668 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0898122118302207`.

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