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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, SM22a,
SN20b, SLGF20, SLYL22, WZY23, WDYZ24,
XZT23, YLW⁺22, YJZ20, ZS21, ZK21]. $2 + 1$
[KRO24]. $2m - 1$ [ZH23b]. 3
[ABL24, Ant21, BWR21, CTGR24,
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]. ∞
[CYQW21]. ^{x3} [KGW⁺21]. ²
[AWA⁺22, GO20, MAT⁺20, ZJCG21]. ³
[GO20, MAT⁺20]. ⁴ [ZJCG21]. σ [WZ22]. α
[AZHY22, CBLP23, WS21a, ZQS24]. $\bar{L}1$
[ZQS24]. C [BEIL21, LWL21]. C^0
[BjyST24]. C^1 [BLO22a, BGKV20, CHL22,
GKK⁺20, GK21, KV22, MS22, dVDR20]. C^r
[HLW24]. d [KV20]. H [KCC20, KD23,
LQY22, TZX23, TS21, ZJCG21, CRM22].

$H(\text{curl})$ [XZT23]. $H(\text{div})$ [HFG23].
 $H(\text{div}, \Omega) \times H^1(\Omega)$ [CRF⁺20]. H^1 [AZHY22].
 H^2 [FHM22]. H^3 [FdOS20]. $H\text{curl}\Omega$
 [EJR24]. $H\text{div}\Omega$ [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, 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].
 φ [ZR23]. Z [GCJ23].

-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].
-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, Ano24-36,
 Ano24-28, Ano24-33, Ano24-32, Ano24-30,
 Ano24-29, 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, Ano24z, Ano24-31, Ano24-35,
 Ano24y, Ano24-34, Ano24-27]. **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

[Ano24-36, Ano24z, Ano24-28, Ano24-31,
 Ano24-33, Ano24-35, Ano24-32, Ano24y,
 Ano24-30, Ano24-34, Ano24-29, Ano24-27].

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].

absorber [HLY22]. **absorbing** [BLX⁺24].

abstract [BBD21b, CP21]. **ACA** [ADD22].

accelerated

[HLPW22, HC22b, KCC20, LQ24].

accelerating [BGPS20, VT21].

Acceleration

[DMŠ22, ADD22, CPBF21, WKC21].

accounting [GP22c]. **accretive** [KP20].

accuracy [CT22, CCWS20, DSF24, KWM22, RKRRL22, WH21, YZ21].

Accurate

[YCCW24, ACXI24, 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**

[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, DE22, DVA⁺20, DMŠ22, 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,

dIRRG⁺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** [LWP⁺23]. **Advanced**

[GZG20, Lop20, JRZ21]. **advancements**

[HGD21]. **Advances** [BDG21]. **advection**

[BS23a, CY23, CLZW20, CSI23, DT23,

DC22, GLÖ21, HTDT23, Hoa22, LDW⁺24,

LMMMP20, LSSP23, 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**

[LSSP23]. **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, JJO20, XLZ⁺21]. **air-vehicles** [JJO20]. **airflow** [TGL21]. **airfoil** [zLqLZ⁺24, WS21b]. **Airport** [TGL21]. **airway** [HQCW22]. **Al** [GO20, MAT⁺20]. **algae** [NM23b]. **Algebraic** [ASV20, DDFZ23, NHCJ22, ATBT20, DBR21, JZPG21, Loh21]. **algorithm** [AHM20, ABS23, ATBT20, BMVA23, BCCR20, BCM22, 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, LSSP23, MZHJ24, MJR20, MWRA22, Ngu20, 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, LZFF22, PXLY23, Qiu21, SM23, TZ21, ZS21, ZS24]. **aliasing** [LP22b]. **aligned** [AWA⁺22, AAG22]. **Alikhanov** [MGD23a]. **all-at-once** [ZGL23]. **all-speed** [SQB22]. **Allen** [BWMW23, CS20a, DZ22, KLK⁺24, Lee20, LSH21, LWSZ21, 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, 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, HLEF20, HH21, HH22, HC22a, HNLPP20, HYJ20, HX22, HYW⁺24, HS20, HXZ⁺22, HAC23, JM23a, Jaw21, JWZ22, JMN22, JJ23, KHD24, Kam21, KPS23a, KEUY23]. **analysis** [KG20a, KF22, Kei21, KK23b, Kra23, KP24, KSJ23, KTY24, KKJ⁺22, LL21a, LSW20, LSH21, LWSZ21, LWZ22, LL22a, LXZ23, LL23, Li24, LML23, 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, 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, ZHYL21, ZYTX22, ZJZ24, ZZ24b, ZZZ24, ZHH21, ZPK22, ZL22b, ZXG⁺24, ZHPW23, ZQS24, dSMAdOW22, dIRRG⁺24].
Analysis/application [YQZL22]. **Analytic** [CL24, SQC23, ZWOM21]. **Analytical** [KP24, RNMÖX24, GNB24, PZZ23, SC21a, SDJ⁺22, SN20a]. **analyzing** [HHL⁺21, HLN24, HLY22, ZLYL20].
angiogenesis [BGG⁺23]. **Angle** [BPR22, IKST21, KV20, SS20, ZKBC21].
angle-ply [SS20]. **angles** [ADL⁺21].
Anisotropic [GP22c, AZL20, BIMS24, BCM22, CRM22, EFFR22, HK20b, KARS23, LYP⁺22, LAX22, LMZ23, LP22c, LD23, MWY23, RL20, RGL21, SCdH21, SNL23, VJH23, WBY23, WLW⁺22, WRMB23, 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]. **aortic** [EGF⁺23]. **aperture** [AHP20, KP22d]. **Appl** [DZ21, JL20, JFS20, LZW21a, MMAK21].
applicable [RZSL23]. **Application** [AS21, ABL24, BL20, CRDS20, DT23, JM23a, JJO20, 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, LL22c, NAE22, SRP21, SS21, WWQ20, WZC⁺20a, hWCsLjH21, WSO⁺23, XJ21, YY20a, YQZL22, YTA23, YLWZ20, YCWS20, ZDT⁺22, ZLF⁺22]. **Applications** [GZG20, ABMS20, ABL23, AMM23, AFM⁺24, Axe20, BTCV20, CSB⁺21, CL24, CMM23, DSS20, Din21, FSW20, GPA21, LNT22, LP20, MSBO23, PD21, RHR⁺21, SD21, VADG22, WSS22, YKNS23, ZY21b].
applied [BKM23, HNLPP20, zLqLZ⁺24, LX24, OKSS21, SA24, TGARGT⁺23, VGA⁺22, YLY20, ZK21]. **approach** [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, Ori23, OF20, PM23, PSI⁺24, SGJJ20, SFR21, SA22, SL21, SGSD20, SNHH21, WYT23, YZL20, YPC⁺21, YSGD20, YOF20, YY20b, YX21, ŽW21a, 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, AGLR21, AMN22, ARV23, ACLP24, AGM⁺22, BZDQ21, BKW22, BCF⁺23, BN20, CM22, CXXZ23, CL21, CCWC23, CNT23, DE21, DH23, FLS23, Füh21, GHH20, GAM22, GSRG21, HJM23b, JM23b, KS21, KSS⁺20, KP23, LY23, LLW23a, LZL⁺21, LCC22, LC22, 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, Ano24-36, Ano24z].
aqueous [Hoa21]. **aquifers** [Bou24].
arbitrarily [MNB23]. **Arbitrary**

[FHZ22, GNZ24, Kim21, BHDV22, CWZ21, CM21, EH23, FJZC20, HMW21, KTY23, 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]. **Arrhenius** [ANH⁺21]. **artery** [PTM⁺23]. **artificial** [GWYR22, WDYZ24]. **Asian** [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]. **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]. **Banach** [CCGI23, CG22, CP21, GORBS21, GI21]. **band** [CLH21]. **bands** [ZAPK23]. **Bank** [BHL⁺23]. **barotropic** [ADR24]. **barrier** [RYAM21]. **barycentric** [LMLZ23, Oru20, Oru22]. **based** [AS21, AHM20, ADD22, 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, DDB23, 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, 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, NSMM21, NDC22, NIT⁺20, NNT22, NNNT22, NSRI24, OKSS21, Oru20, PG21, PCC21, PQSM21]. **based** [Par22b, PLR21, PBR24, PND⁺24, PR20, PLVL21, PNT⁺23, 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, dIRRG21, ZZL23]. **Basic** [BBD^{+21a}]. **Basis** [BV21, ABR20, AM22, BNB20, CBK24, GLÖ21, Gun22, HLX22, JZXR24, JBKW23, LYRW21, MH23, Oru20, TO20, XCFC21, XLCP20, XFX22, BRÁ^{+20a}]. **bat** [JJO20]. **bat-inspired** [JJO20]. **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, 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]. **Bernoulli** [BLO22b, CGI⁺²², WWLG24]. **Bernoulli-type** [CGI⁺²²]. **Best** [LCC22]. **between** [DWS20, 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]. **bifocusing** [KPS23a]. **bifurcation** [WSS22]. **biharmonic** [ADFP23, BLO22a, KPO20, KPJO22, KBW23, LFY⁺²¹, Mal22, MM21, SR20, ZPK22]. **bilaplacian** [dIRGR20]. **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]. **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** [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, Ano24c, Ano24d, Ano24e, Ano24f, Ano24g, Ano24h, Ano24i, Ano24j, Ano24k, Ano24l, Ano24m, Ano24n, Ano24o, Ano24p, Ano24q, Ano24r, Ano24s, Ano24t, Ano24u, Ano24v, Ano24w, Ano24x]. **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, GDŁW23, HHR⁺20, HLH⁺20a, HLH⁺20b, HHY⁺22, HQCW22, HDWL24, HEDT20, 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]. **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, 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, FYM23, FYXL21, GS22, GP23, GS23, GO23, HMF24, HZ21, HTBMC20, HK22, HSR⁺23, HYW⁺24, HHL⁺21, HJ23, 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, PWWJ23, PS21, QhCZ⁺20, RLF21, ST20a, SD21, SLX⁺23, 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, Wol20, ZY21a]. **Boussinesq** [BS23b, AGM⁺22, CRRS21, HC22a, HYLH22, YJ24]. **box** [AMPB⁺22]. **Bratu** [IZ20]. **break** [AS21]. **breakup** [ZDLL22, ZLD⁺23]. **breather** [JJK20].

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** [HLM20].

Burgers' [CO20, JSBZ22, MKP23, RLSC23, SC21a, ySRC22, ZL23c, JWR⁺23, KJ20, KMS20, jWC23, YL22].

Cable [GLL⁺20b, ZLJT20]. **CADI** [CC20].

Cahn [SXKL24, BWMW23, CS20a, CL22a, CMY23, DZ22, FRW22, JW20, JAMX24, KTY23, KLK⁺24, Lee20, LSH21, LWSZ21, 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, EJ24, 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** [ZL23a]. **closed-loop** [ZL23a]. **closest** [Yan24]. **closure** [AS23, MCK⁺23]. **clouds** [HK22]. **clustering** [CDPL24]. **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, LLXY23, MFZX23, WXZW21, YS23, YYSL20, ZCL20]. **coefficients** [AGPP22, BLO22b, CLYH22, CEL20, HLX20, JL23, LSW22, Plo22, 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, 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]. **Compact** [CMM23, LP20, AM22, BZ22, CT22, CLL21, CLLG23, FHM21, GLLZ23, HC22a, HLPW22, JZH22, LC23a, LCT22, MN23b, PM23, ST20b, YL22, ZCYL24, ZAH23, ZLL23, ZQZ20]. **comparative** [LFF⁺24]. **Comparison** [BBS22, KOMK20, MCK⁺23, WZXN21, BMK21, BCF⁺23, BDJT21, CS20b, 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, CYC⁺23, GPL21, HEDT20, JZH22, 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, 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, LZ20b, LZY24, MM21, MJR20, MD21, MK20, QQY⁺23, ST20a, SGZ⁺23, US20, WXZW21, WDYZ24, XZS⁺23, YS23, YWL21, ZCA23]. **conducting** [Du24, KP22d]. **conduction** [BCM22, CZ20, CFT⁺23, CPPS20, 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** [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]. **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, 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, 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** [AS23, AGM⁺22, BHS20, BGZ22, BJyST24, CSB⁺21, CRRS21, CDM24, CSCY24, CEB24, DE22, DSR23, DH23, ELN⁺20, FLW20, GS22, GP23, GS23, HHM21, HJ23, Ila20, KUK20, KPS23b, KN20, KVV23, LLSY24, LCW22, LAL⁺24, LC23b, LC21, Man24, MP23, NE22, NM23b, RGS⁺20, SW20b, TS21, TTK23, 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** [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, GDLW23, 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, Bol22, CK23, Haj21, LS22b, LLJ23, Par22a, RGL22, SJZ22, WL20, XLLA20, ZZW20]. **convexification** [LLN24]. **conveying** [ANH⁺21]. **ConvLSTM** [CY⁺21]. **Convolution** [ES20]. **Convolutional** [Dai22]. **cooling** [DKV21, HHM21]. **coordinate** [CFT⁺23, Fan23]. **coordinates** [JRu24, LLZ⁺24]. **copolymer** [WZY22]. **core** [Fia21]. **Coriolis** [ANH⁺21]. **corner** [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** [CBLP23, 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, RLSC23, SCD23, SSdA20, 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, LSW20, Li24, 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, ABL23, 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, BoI22, BZ21, CTGR24, CFP22, CWLQ22, CLL+24, DN22, DLC22, DFS21, DC22, EFK+23, FKW22, FMS22, HKJ23, HMW21, HZ21, HJZ23, HQLJ20, HLQ24, HH23, HHR22, HLN24, JJ23, Koc22, KCC20, KR24, LL22a, LCT21, LZL+21, LYL+22, LP22a, MZ23a, MZ23b, MKP23, MGA22, OKSS21, Oru20, QP24, RL20, SM22a, SN20b, SLGF20, SLYL22, 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, WLZZ22, XZ23, YW20, ZQM20, ZS21]. **Darcy**[BN20, CRF⁺20, DFSV22, GOV20, Gut20, HKM21, HX22, LYAZ20, LD22, QHHW20, QWC⁺23, SR22, TKK23, WDZ21, WCH23, XHL24, ZL20a, ZHW20]. **Data** [FWLD22, LWZ22, WZY23, ADR24, ABC⁺22, BBS22, KMZ22, KLK⁺22, LNT22, LK20, LWX21, PWMC23, PSDP22, Plo22, 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, SM22a, SR24, SNHH21, SS24, 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, 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, DYZ22, GDA21, GHSR23, Gra21, HJM23a, HYH23, JRu24, JL23, KAKK23, LMLZ23, LS23, LWP⁺23, MH22, MMN21, PG21, Plo22, 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**

[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** [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, LZ20b, LZ22, LC23a, Lob21, LCT22, MFZX23, MLS22, MKP23, QD23, QQX21, QSL23, RST⁺22, SG23, SQL21, SZ24, SLGF20, ST20b, SLYL22, TRL23, TGARGT⁺23, VL21, WZZ20, WS21a, WC21, WZ22, XZ23, 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 [ZLJT20].
differencing [FX22]. **different** [ADL⁺21, 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, UII20, 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, LSSP23, LP22c, LD23, MFZX23, MZ23a, MJRM20, MMC21, MI20, MMAK20, MMAK21, MRPK21, MN21, MWY23, MN23a, MRP20, ND21, NY22].
diffusion [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, 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, RTA20, XFS23, XWXF23, ZHPW23]. **dimensional** [AM23, AMN22, BV23, BZ20, BABS20, CBLP23, 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, KKL⁺22, KP23, LZ20b, LGQZ21, 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, 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, ZLL20, ZZ20b, ZL23c]. **dimensional** [ZSW23, ZLJT20, ZZB20, ZSL22, ZWY23, ZZFL21]. **dimensions** [GLL⁺20b, KRO24, MMPR20, QXCG20, RZC21, WYHQ24, 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, CRM22, CM23, CLYH22, CZLQ22, CXZZ23, CMR22, DW20, Haj21, HWW21, Hop23, HYJ20, HHW21, HA23, KSS22, KCW22, 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, LZYZ24, 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]. **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, dIRGR20]. **discretizations** [AD21, Bar21, BHZ20, BBK21, BZY20, BMvdZ21, CPS21, DD21, DS20, EFK⁺23, Haj21, HLPW22, KCD⁺23, LD22, NERB⁺22, Orl23, PS22, SW21, TZ21, dIRRG21].
discretized [ADR24, BHS20, BM20, SXKL24]. **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** [CXZX23, 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, JWZ22, JHG⁺21, 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, 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]. **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, nMjWIS24, MGA22, PG21, PWMC23, PNT⁺23, PZZ23, RLVR21, RLF21, SR24, SGSD20, 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, MSHB22, XHY21, XLLA20, XLCP20, YK20, YW24, ZLT⁺21].
dominated [CGGY23, FZDS22, KSJ23, LSSP23, QFL23, SZ24, VR20, XFLZ22].
Double [RYAM21, ÁCS22, DFHT21, EJWD23, HWZQ23, KC23a, NSMM21, WSS22, YZ21, ZZZC24]. **double-diffusive** [ÁCS22, YZ21]. **double-lid-driven** [ZZZC24]. **doubly** [MMP21, WS20b]. **DPG** [BDMX21, BHPD23, DZ20, DGK20, DS22, FH21, Füh21, FHH23, 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, 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** [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, 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, GV20, HKL⁺23, JM20b, LLW20, LWZ22, 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, Ano24c, Ano24d, Ano24e, Ano24f, Ano24g, Ano24h, Ano24i, Ano24j, Ano24k, Ano24l, Ano24m, Ano24n, Ano24o, Ano24p, Ano24q, Ano24r, Ano24s, Ano24t, Ano24u, Ano24v, Ano24w, Ano24x]. **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, 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, 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, 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, CCW22, CM21, CCGI23, CGM⁺20, CM23, CLZW20, CLYH22, CWC22, CHL22, CLH22, CLZ23b, CHZ23, CS23a, CCWC23, CRF⁺20,

DS20, DFSV22, DV22, DG22b, DD20, DE21, DGQT20, DDG23, DK23, DWS20, DTV20, DH23, DZ24, Du24, DBB23, EAM20, FSS⁺20, FHM22, Fia21, FCFW21, FP20, GLL⁺20b, GQ23, GNZ24, GP23, GOV20, GORBS21, GPY22, GDA21, GNB24, GENRB21, GCC20, GSW21, GQZ23, GS23].

element [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, LZA24, LWW24, 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, NC20, NNNT22, NP24, NY22, NFS24, NML23, OXY21, OR22, OSZ22, PS22, PG21, PZL23, PND⁺24, QXCG20, QS20, Qiu21, QQY⁺23, RS21, RL23, RR23, SM22a, SR23, SPC⁺23, SL20].

element [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, 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, dVDM22].

elements-based [AS21].

Eliminating [HRvdZ20].

elimination [ST23, ZLJ⁺22].

elliptic [AN20, BHS20, BBI⁺22, BMVA23, BB23b, BX20, BJyST24, 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, 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, RHA21, WF24, YHLA22, DD24]. **Enrichment** [GNB24, BIMS24, HWL⁺20, SWZC23, WHH22]. **enrichments** [HSM⁺23]. **ensembles** [MWRA22]. **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, 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, HGW21, HJXW23, HS20, HAC23, HJ23, JZ20, JJZ21, JWZ22, JXK20, KRO24, KK23b, KLK⁺24, KMS20, KPJ22, KP23, KC23b, LSW22, Lee20, LWL⁺20, LWX20, LZ20b, LSW20, LWL21, LL21b, LSH21, LL22b, LCW22, LXY23, LZ23, LJ24, LY21, LZL⁺21, LYL⁺22, LSGN23, LLXY23, LZ23, LZY24, MZWD23, MN21, MM21, MLLL24, MN23a, MKP23, MGA22, MS23, MH23]. **equation** [NAS20, ND21, NR22, OTC24, OXY21, Oru20, OAH⁺24, PXLY23, PHL21, PZL23, PSSW20, PLVL21, Plo22, QH22, QZH23, QGQ22, QX23, QXCG20, 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, ZS23, ZSF23, ZLL20, 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, 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, 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, LLN24, LL21a, LPK22]. **equations** [LG23, LGL20, LLW20, LQ20, LZ20c, LZ20a, LWX21, LZ22, LXZ23, LT23, LDW⁺24, LHF24, LX22, LD20, LFY⁺21, LSWY21, LZF22, 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, UII20, WFH⁺20, WCL20, WZZ20, WZ22, WZY23, WZTZ23, WYHQ24, WZS24a, WS20a, WS20b, WZCS20, WL20, WKC21, WLQ22, WWH23, WCY⁺24, XCFC21, XCLX24, XLLA20, XLCP20, XLS22, XZSY23, Yan20, YHZ22, YCCW24, YLZ20a]. **equations** [YWZ21, YHLA22, YTH⁺21, YTA23, YLCC21, YFK20, YFK23, YYS20, YWPS24, YH21b, YW20, ZM20, ZQM20, ZFZ20, ZZ21, ZD22, ZZL22, ZS23a, ZXXX23, ZDW23, ZZ24b, ZWCS20, ZLH22, ZPC22, ZGL23, ZSW23, ZA23, Zha24, ZS21, ZSPW20, ZW20a, ZZB20, ZSY22, ZST22, ZWY23, ZLW23, ZH23c, ZHPW23, ZHW20, ZZFL21, dVDM22]. **equilibrated** [BNB20, CNT23, DFK22, Mal22]. **equilibrium** [ABL24, LLXY23, PZZ23]. **equipped** [MAT⁺20, TSARR21]. **Equivalent** [FS21b, IKST21]. **ergodicity** [WVH23]. **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, Plo22, 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, EFR22, FLOQ21, GQ23, GWN21, Hak24, HLW23, HD21, HAC23, Jha21, Kei21, KPS23b, KP24, KKNR21, LZ21, LL22a, LN21, LQY22, LS23, Mal22, MCW21, MS20b, 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, EFR22, 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, RBSC24, STO22, VR20, VGA⁺22, YS23, YYY⁺20].

estimations [MCW21]. **estimator** [HLW23]. **estimators** [EGP20, Jha21, SW20a]. **Euler** [BLO22b, CZLQ22, CSI21, EH23, JZH22, LL22a, RDP20, WWLG24, ZXXX23]. **Eulerian** [GNZ24, LZG⁺23, RBSC24, SR23, WCH20, YL20b, ZXXX23]. **European** [TZ20]. **eutectic** [YZJ⁺22]. **evaluated** [aKST22]. **evaluating** [KLRT21]. **Evaluation** [SA22]. **evaporation** [NM23a]. **evaluation** [BGK23, CMS23, LARGVR23, MW20, QQX21, ZGL23]. **evolutionary** [QWC⁺23, Rav20, ZL22a]. **evolving** [KYY⁺23, 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, 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, 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, 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, LWP⁺23, PXYL23, 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, RKRR22, SNHH21, TH23, TPA24, WPLW22, Yan20]. **faster** [GI20]. **faster-than-real-time** [GI20]. **fatigue** [SAR20]. **fault** [LBTVG22]. **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, Ano24-28, Ano24-31]. **feedback** [CRRS21, KVV23, RNN22]. **FEM** [HMX21, Ade20, AWA⁺22, AAG22, BHS22, BBI⁺22, BX20, BRS21, BRRT21, CGO22, DPP21, EGP20, FMS22, HIP23, 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, 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, YZS⁺23, YK20, YZJ⁺22, YWT22, Yan24, YYY⁺22, 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, Or123]. **filters** [ABC⁺22]. **finance** [YY20a]. **financial** [CWC22, SZ21]. **finding** [Bot22]. **Finite** [BWR21, BGG⁺20, BDG21, BBS21, CO21, CLZ23b, CL21, DK23, DH23, GCMS21, HH21, HH22, HSZ22, HNLPP20, HMX21, KK23a, KNBR22, KC21, MI20, NCRGVR21, QQY⁺23, WZD24, XLLA20, YA21, ZTL22, ZH23b, ZLJT20, AS20, AGLR21, AKO21, Adj22, ANZZ23, ADFP23, AJ23, ÁCS22, 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, CCW22, CM21, CCGI23, CM23, CCWS20, CWTM20, CLZW20, CLYH22, CWC22, CLH22, CHZ23, CSI21, CHL21, CCWC23, CCGRL21, CRF⁺20, Cos23, CTZ22, DD20, DE21, DGQT20, DDG23, DFGS24, DCCM23, DTV20, DZ24, Du24, DBB23, EAM20, EJR24, EH23, FSS⁺20, FZS22, FHM22, FS21a, FHM21, Fia21]. **finite** [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, LP23, LLD23, LWSZ21, LZ21, LD22, LZ22, LL22a, LZA23, LWV24, LC23b, LX24, LFY⁺20, LS21, LY21, LN21, LSGN23, LMZ23, LLXZ23, LS23, LZ23, LLW⁺23b, Lob21, MFZX23, MGD23a, MMN21, MSHB22, Man24, MRN⁺20, MA22, MRPK21, MLS22, MZ23b, MLLL24, MKP23, NT21, NC20, NNNT22, NY22]. **finite** [NFS24, 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, WS24, WLW⁺22, WH20, WHH22, WZS⁺24b,

WLQ22, XHY21, XXLS23, XP22, XZSY23, YA23, YQZT21, YHZ22, YWT22, YLW23, YLL24, YJ24, Yan24, YWL21, YWZ21, YZZ20, YKNS23, YYS20, ZBCS24, ZR23, ZD21, ZCYL24, ZH20, Zha21, ZLT⁺21, ZHYL21, Zha22b, ZD22, ZHZ⁺22, Zha22a, Zha22c, ZS23a, ZC23, ZQY⁺23, ZZH23, ZZ23a, ZSF23, ZZ24b, ZZ24a, ZXZF20, ZLH22, ZLL23, ZSW23, ZS21, ZL22b, ZS23b, ZSPW20, ZW20a, ZW21b, ZXQQ22]. **finite** [ZSY22, ZST22, ZZW23, ZH23c, ZSS24, 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]. **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, JJOG20, WCZD20, ZWW⁺23]. **flexibly** [WS21b]. **Flow** [Y CZ⁺21, ZSH⁺21, ACXI24, ADR24, AMPB⁺22, AAG22, APGK24, AGA⁺21, AIG⁺21, AA20, 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, 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, OKSS21, OSZ22, PM23, PWMC23, PGK20, PFCZ23, 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, WL23, WYP23, WFW⁺24, WS21b]. **flow** [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, sCpLYhG23, CYC⁺23, CRPdT20, CCGRL21, CL22b, CPBF21, DCCM23, Du24, EH23, FNGDV23, GS22, HEDT20, HBC⁺21, KP22a, KP22b, KJ21, LBTVG22, LL20a, LMD22, LZ23, LLZ⁺23, LLW⁺23b, MWYY22, MH22, MGBN22, MRN⁺20, MCW22, MKAM20, NC20, NAE22, 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, 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, Oru22, RLVR21, RL23, SJ24, SWW22, SBH⁺21, SRA20, SNL23, 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-structure** [CCG⁺²³, GV21, 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}, 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, Bof22, 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, LSSP23, Med23, NC20, RMBC24, TBO20, ZR23, ZS23a, Zha24]. **formulations** [ACRBT23, BB21, 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]. **foundations** [YX21]. **Fourier** [JZ20, LDW⁺²⁴, SWWZ23, WCW20a, dlRRG⁺²⁴]. **Fourier-spectral** [SWWZ23]. **Fourth** [CLL21, AD20, AAC23, AKO21, BZ22, CLZ23a, CLLG23, CK23, DPP21, HSZ22, HLPW22, HAC23, HQL23, LX24, LS21, LY21, LdO21, MFZX23, Men22, PZL23, QFL23, Rou20, SJ21, TS21, TRL23, WCL20, WYW⁺²⁴, WL20, XZ23, YZT21, YL22, YFK23, ZYTX22, ZAH23, ZZS23, ZL23b, ZCA23]. **Fourth-order** [CLL21, AD20, AAC23, AKO21, BZ22, CLZ23a, CLLG23, CK23, DPP21, HSZ22, HLPW22, HAC23, HQL23, LS21, LY21, LdO21, MFZX23, QFL23, SJ21, TS21, TRL23, WYW⁺²⁴, WL20, XZ23, YZT21, YL22, ZYTX22, ZAH23, ZZS23, ZL23b, ZCA23]. **Fractal** [CBK24]. **Fractional** [AZL20, GSS24, LH23a, SSZ20, AD20, AM23, 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, HZR22, 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, LFY⁺²⁰, LY21, LZL⁺²¹, LYL⁺²², LRZ23, LLJ23, LZS23, MFZX23, MCW21, MI20, MW20, MMAK20, MMAK21, MLS22, MZHJ24, MLLL24, ND21, Oru22, OAH⁺²⁴, PQSM21, Pon20, QGQ22, QXCG20, RYAM21, RR22, SC21a, SM22a, SG23, SMDC23, SHM21, SZS20]. **fractional** [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, 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, Li20, Li21, LL21b, LR23, MCD23, MGD23a, MCD24, Men24, MWY23, MS23, MNB23, NP24, NCCD24, OCRN22, PZZ23, SK23, SGS20, 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, JZH22, LSW22, WYS⁺20]. **full-implicit** [WYS⁺20].
full-space [LSW22]. **full-wave** [HKR22].
Fully [AGLR21, BGR23, Hoa22, HYH23, 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, Oru20, RUMT⁺24, SA22, SZ21, SWZC23, TO20]. **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, 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, CO20, CRM22, CM23, 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, KC21, KPS23b, KJN21, KGJN24, KBB⁺21, KSJ23, KD23, KWS21, Lee21, LG23, LSW20, LL21b, LCW22, LMD22, LY23, LL23, LWW24, LZBC24, LN21, LQY22, LSGN23, LMST20, LdO21, MCD23, MGD23a, MCD24, nMjWIS24, MCW21, MA22, MLLL24, NAS20, ND21, Nie23, NERB⁺22, OSO⁺23, PKP21, PK23, PDB22, Plo22, QSW23, QXCG20, RZC21, RZSL23, RTA20, RWaZ23, RHR⁺21, RHA21, ST20a, SCdH21, SSK⁺23, SR22, Sto20]. **Galerkin** [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]. **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]. **Generalization** [Jaw21, SZS20]. **Generalized** [JBKW23, QSW23, SLGF20, BMZ20, CBLP23, CSS20, CCF+21, FSS+20, GAM22, GCMS21, HLQ24, HLCW24, HYLH22, LQ20, LSW20, LL23, MS20a, MLHS23, Oru22, QSL23, SM22b, SS22, SZ21, WZY23, YCWS20, ZL22b, BGG+20]. **generalized-** [CBLP23]. **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]. **geostrophic** [MS22]. **geothermal** [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, Mal22, VR20, BBK21, BBI+22, BMvdZ21, HIP23]. **Goal-oriented** [CNT23, DBR21, Mal22, VR20, BBK21, BBI+22, BMvdZ21, HIP23]. **Godunov** [XTZ+21]. **Godunov-type** [XTZ+21]. **Golub** [ATBT20]. **Gordon** [AJ23, CC20, GZ23, JZ20, SZ22a, WL22, 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, JZS23, LXRQ22, LH23b, PV20, QHHW20, WCH23, LLZ+23]. **grad-div** [HJM23a, 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, KK23b, LC23b, LZY24, MRPK21, SJM24, WZT23, WYP23, ZO21]. **gradient-based** [BCM22]. **gradient-flow** [MRPK21]. **Graetz** [AA20]. **Graham** [RUMT+24]. **grains** [KRESA21]. **granular** [FL22]. **graph** [AFM+24]. **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, 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, 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]. **haptotaxis** [BGG⁺20, NCRGVR21]. **hard** [LDW⁺24, Par22c]. **Harmonic** [Hak24, BZ23, DV22, Hak20, LAL⁺24, MN23b, SDJ⁺22]. **harvesting** [NM23b]. **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, PM23, QX23, RG21, RH21, SADW21, TSARR21, TJYL22, Vab22, WQ24, XKXL22, XHL21, YLY20, YCZ⁺21, YYZ22, YWL21, ZLYL20, ZWOM21, ZRL⁺22, ZHHL23, ZZL23, ZSF23, 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, MD21, hWCsLjH21, XCLX24]. **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, JZH22, 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, CBLP23, 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, 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, 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, CBLP23, DD21, FSS⁺20, FHZ22, FX22, Kei21, LQ20, MWYY22, MRN⁺20, RR22, SHM21, WDYZ24, Xen20, XFLZ22, XZ23, YSGD20, YHZ22, ZQZ20]. **High-performance** [GM22, BEG⁺21]. **high-power** [DKV21]. **high-velocity** [Ha20]. **Higher** [DSL24, SMD23, 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, PFC23, TGARGT⁺23]. **Hilbert** [Cos23, TH21]. **Hilliard** [JWL20, WHH22, CL22a, CMY23, FRW22, JAMX24, KTY23, NR22, SXKL24, WZY22, XFS23, YLZ20b, ZZW20, ZZ21, ZO21]. **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, 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, Sau23, BHS22, LSW22, NAS20, SGR⁺23]. **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, 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]. **hydraulic** [ZCZ⁺21]. **hydrostatic** [CZLQ22, FNGDV23, RZSL23]. **hyperbolic** [BAKR24, BCT21, CBLP23, CMY23, DG22a, DD20, DTW23, GCJ23, Haj21, HZ24, HA23, Kim21, KBB⁺21, LGL20, LBPC20, MGA22, NRV22b, NNT22, Orl23, SK21, WS20a]. **hyperbolic-parabolic** [BAKR24]. **hyperelastic** [BZDQ21]. **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, KMZ22, BDJ20, CFT⁺23, HTDT23, KP22d, KFD⁺20, Par22c, YEO21]. **identifying** [AHP20]. **IDS** [Ade20]. **IEQ** [CMY23]. **IFISS** [BRS21]. **IGA** [LWP⁺23, EFK⁺23]. **IGA-ADS** [LWP⁺23]. **IgA-BEM** [EFK⁺23]. **ignition** [SB24b]. **iGRM** [LMMMP20, LMMMP21]. **II** [KPJO22, BGK23, GP22a, GZG20,

GGRBRG20b, HH22, Mit22, WZC⁺20b]. **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, TSS24, WLL23].

IMEX-split [TSS24]. **Immersed** [BBS21, CLYH22, CRPdT20, Adj22, BZ22, BBS22, CHZ23, DG22a, DVA⁺20, FBK⁺24, GBK23, GXFT23, PK23, RLF21, SGAC⁺20, SD21, SLX⁺23, SPZL21, WWQ20, WXZW21, WDGS23, WCZ24].

immersogeometric [Kam21, SGF⁺21].

immiscible [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, BZ23, CCG⁺23, CZ23, FZDS22, Hoa22, HDWL24, JHG⁺21, JZH22, 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, HLH⁺20a, HBC⁺21, LXJ⁺21, LYZ23, MRN⁺20, MKM⁺24, OCRN22, SK23, YJZ20, ZLH22].

Improved-FSDT-based [KHD24].

Improvement [SQLZ21, XJ21, DNP⁺22].

Improving [LCY23, ZKBC21, ZBKC22].

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, 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, CGI⁺22, CDG⁺23, DSR23, GZAR23, HHL22, LDW⁺24, LCC⁺24, NES23, 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, 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, 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, JJOG20, KWM22, Kam21, MSHB22, QhCZ⁺20, RLVR21, 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, TTK22, US20, WXZW21, WGC23, 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, EFR22, 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]. **invasion** [AMC23, NCRGVR21]. **Inverse** [NRV22a, STO22, AHP20, AAA24, BDJ20, BFE⁺21, CZ20, DHVT20, FC24, HKS21, HLW21, Ila20, KP22d, LBTVG22, LXY23, Liu20, 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** [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, dIRGR20, dIRRG21]. **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** [dIRRG21]. **Iterative** [GHH20, WWLG24, ZFZ20, ZWS22, BM20, 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, Ano24-33, Ano24-35]. **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]. **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, Ano24-32, Ano24y]. **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, LN22, NCCD24, RKRR22, 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]. **knot** [MHHR20, YWLF21].

knowledge [GNB24]. **Kolmogorov** [ADKH20, PZL23, SJZ22, SWZ23]. **Kong** [TGL21]. **Korteweg** [AJK23, MRN⁺20]. **KPS** [ZZB20]. **Kriging** [WWZ⁺24]. **Kronecker** [CBLP23]. **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, LXZ23]. **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, ZS23]. **Landweber** [WQ24]. **Laplace** [LFY⁺21, MM21, MH23, STO22]. **Laplacian** [DZ21, BKM23, HMF24, HGW18, ND21, XLCP20, YPZ⁺21]. **Larché** [SBNR23]. **Large** [MKS⁺21, SGF⁺21, AKA⁺21, 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, GDLW23, 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** [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, 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, 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, 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, dIRRG21].
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, CBLP23, CSS20, CC20, CXXZ23, CPS21, CCGRL21, CL22b, CLL⁺24, CP21, ÇM20b, DGQT20, EP23, Füh21, GLÖ21, GENRB21, GB21, GB23, HC21, HZJ⁺22, HWL⁺20, HLQ24, HV21, HM20, HRvdZ20, 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** [CBLP23]. **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]. **liquids** [LCT21]. **LL*** [Kei21]. **loads** [SS20, YLZL20]. **Local** [HLX20, HYW⁺24, HLW24, LD22, MN23a, ND21, SW24, YWLF21, ZAH23, ZS21, ZS24, 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, dIRRG⁺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** [RGS⁺20, ZL23a]. **loosely** [GV21]. **loosely-coupled** [GV21].
Lorentz [ZAPK23]. **loss** [LCC⁺24]. **Low** [ZZ20a, ZMS21, CY23, CWW22, CCH24, CL21, CRPdT20, GHH20, LLD23, MB24, RGL22, TLZF20, UHP23, ZZL22, Zhe22].
low-contrast [CCH24]. **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, JZH22, 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, KK23a, Li24, LLJ23, MWRA22, TA22, ZD22, ZST22, ZZS24]. **Magnetohydrodynamics** [QS20, GJS20, LL22a, LH23b, MH22, SHD23]. **magnetofluid** [PM23]. **Mahony** [KJ20]. **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, Ano24-30, Ano24-34]. **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, 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, ZWFM24, ZY23]. **Maxwell** [BWR21, BWZ22, BNSZ24, BLX+24, BDB21, BBG23, BD23, CGK24, HGD21, HZA22, LWP+23, NML23, YLZ20a, YWZ21, YH21b, ZSW23, dVDM22]. **May**

[Ano20-60, Ano20-62, Ano21-57, Ano21-55, Ano22-68, Ano22-61, Ano23-53, Ano23-49, Ano24-29, Ano24-27, LQCM20]. **McKean** [MW20]. **ME** [SQLZ21]. **ME-AUSMPW** [SQLZ21]. **Mean** [WDGC20, 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, AFV22, AAA24, BDB21, BBDM21, BLM+24, CGK24, DG22a, GBK23, Hoa21, JWW21a, KRESA21, KGW+21, LHC+22, MLJ+20, MS20b, NS20, PFCZ23, SSY22, SYZ3, 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, RL20]. **melt** [LAB23, RST+22]. **Melting** [AAG22, CRB24, BKT+23, GZAR23, JFS20, ZYM24]. **melts** [WZY22]. **membrane** [KMZ22, Krz22, PGR23]. **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, 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, CBLP23, CLLL20, CHY21, CCW22, CWW22, CLZ23a, CCGI23, CGM+20, 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, CWX22, DN22]. **method** [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, GLL⁺20b, GLL20a, GM21a, GQ23, GP23, GHRD20, GOV20, GORBS21, GPY22, GHH20, GKHU22, GDA21, GNB24, GMS23, GJM22, GPA21, GENRB21, Gra21, GDLW23, GJS20, GQZ23, GS23, GAM24, Gun22, GB21, GCMS21, GWYR22, GB23, GXFT23, HC21, HC23, HMW21, HZJ⁺22, HJP23, HXW23, 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, Ila20, Ima20, JVBM23, JM20a]. **method** [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, LK20, LP21, LL20b, LZ20b, LD21, LWL21, LL21b, LSH21, LWSZ21, LLZ21, LL22b, LXRQ22, LCW22, LMD22, LXZ23, LLX23, LQYJ23, LZA23, LZBC24, LD24, LS20, LX22, LL22c, LR23, zLqLZ⁺24, LZW21a, LZW21b, LYRW21, LQW22, 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, nMjWIS24, MIOK21, MGBN22, MGD23b, MRN⁺20, Mas23, MS20a, Med23, MJWD20, Men22, MZM21, MLLL24, MN23a, MKP23, MR22]. **method** [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, QXCG20, QS20, QQY⁺23, QFL20, QD20, RZC21, RNN22, RBSC24, RZSL23, RS21, RNS21, RNaZ23, 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, SZ24, SK21, SS20, SCdH21, SWW22, SJM24, SLGF20, SR21, SR22, SR24, SPZL21, SW20b, ST20b, SS21, SXLZ21, SJZ22, SQB22, SWZC23, SZCW24, Tad23, TO20, TQX23, TH23, TZX23, TS21, TSS24, TCW23, Top22, Tür20, UuIUK21, UHLZ24, VR20, VADG22, VSG21, WLX20, WYH20, WW20b, WYS⁺20, WWQ20, WCW20a]. **method** [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, 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, ZF22, ZTW22, ZH23b, ZQY⁺23, ZZL23, ZZ23b, ZZH23, ZZ23a, ZSF23, ZJZ24, ZZ24a, ZLL20, ZXZF20]. **method** [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, CM21, CG21, CLR23, CBI⁺23, CW20, CHZ23, CSI21, CSI23, DSS20, DD20, DZ22, DTV20, DTW23, EAM20, EFFR22, FMS22, FP20, GLÖ21, GM21b, GP20, GO23, HZ21, HJM23a, Hoa22, Hof20, 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, MR24, NSMM21, NE22, NCRGVR21, NAE22, NCCD24, Oru20, Par22a, PD21, QSW23]. **methods** [QGQ22, QHHW20, QFL23, QN20, RSAG⁺24, RKRRL22, RHR⁺21, ST20a, Sch21, SZS20, SYZ23, SQ23, SLM23, Sto20, SW24, TCW23, Tor20, TKK22, TKK23, 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]. **microarchitected** [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]. **mimetic** [Lee21]. **Mindlin** [DD22, YZZ20]. **Minimal** [SW21, BMvdZ21, BMP⁺24]. **minimal-residual** [BMvdZ21]. **Minimization** [LMMMP20, BM20, Bar21, HSM⁺23, LMMMP21, RGL22]. **minimum** [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, 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, LS21, LS23, LLW⁺23b, MHHR20, MD21, MCW22, MS20b, 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**
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mobile/immobile
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 [FK20, GLC24, NERB+22]. **mode**
 [AS23, CDPL24, NML23, RCSM23, SSZ20].
Model [ABC+22, HGD21, WH20, YL20b,
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 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, KTY23, KGW+21, KMP20,
 KTY24, KR24, LMP23, Li20, LWSZ21,
 LGQZ21, LD22, LAX22, LXRQ22, LHC23,
 LY23, LC23a, LZ23, LQYJ23, LZBC24,
 LR23, LZ20e, LFY+20, LS22b, LYZ23,
 LQZ23, LLW+23b, LCC+24, LARGVR23].
model [LP22a, MJRM20, MS20b, NS24,
 NM23b, NS20, NCRGVR21, PH23, PNT+23,
 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, 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]. **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** [KC21, 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, 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, CBLP23, CYKL23, CM20a, DSL24, DAS20, EFK⁺23, FC24, Fia21, GKHU22, GCMS21, HZR23, Hoa21, HYW⁺24, HLN24, HAC23, KV22, Kim21, KLK⁺22, KP23, LHC23, LYL⁺22, nMjWIS24, 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, CBLP23, DAS20, GCMS21, HZR23, Kim21, QGQ22]. **multi-domain** [nMjWIS24]. **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, Gun22, HC21, KWS21, LHC⁺22, Liu20, PD21, SSW20, WPLW22, XLS22, YPZ⁺21, dIRGR20]. **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, dIRRG21]. **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, SBH+21]. **Navier** [JWL20, WHH22, Agg20, ABR20, ACRBT23, BSRVC20, CCGI23, CW20, CL20, CTZ22, DKMS22, GOV20, GI21, HJM23a, HQLJ20, HX22, JRu24, KNBR22, LHF24, LMMMP21, LCT22, MRN+20, MZHJ24, PNT+23, QQY+23, QD20, RZC21, RDP20, SCCS21, SXXKL24, 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, 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, KC22a, LDW+24, LCC+24, MB24, MRP20, MVHÖ23, MSBO23, SDM21, SW24, TFWX23, YDY+23, ZL23a, ZLQ23, ZL23b, ZHH21, ZWY23, ZW20b]. **Neumann** [HYW+24, LZ20b, nMjWIS24, Man24, MM21, MK20, SM23, jWC23, YS23]. **Neural** [YDY+23, ZL20b, AFM+24, BF21, BMP+24, CGGY23, CWX22, CDG+23, Dai22, DSR23, GWYR22, HLW23, HLX22, HHL22, KC22a, LDW+24, LCC22, LC22, LCC+24, MB24, MCK+23, MRP20, MVHÖ23, MH23, MSBO23, NES23, 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, OSZ22]. **Nicolson** [BDF24, GLLZ23, LSW20, Li24, 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]. **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, LMMMP21, MIOK21, MGD23b, MLJ⁺20, MRPK21, MCW22, MKP23, NAS20, NERB⁺22, OAA⁺22, Par22b, PLR21, PZZ23, QQX21, 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, 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,

LMMMP21, MLJ⁺20, SL20]. **non-uniform** [HV21, HKL⁺23, Ima20, LL20a, LXJ⁺21, QQX21, TMML23, ZZW20]. **Nonconforming** [AMV23, Bar21, BFVY23, BMPP22, LR23, PZL23, SL20, SL21, SZ22a, SL24, WLW⁺22, Yu23, ZMS21, ZNMS23]. **nondivergence** [Füh21]. **nonequilibrium** [AGA⁺21]. **nonhomogeneous** [MM21, SWZC23]. **Nonlinear** [sCpLYhG23, DH24, SFR21, ZWW⁺23, AKO21, ANZZ23, AN23, APS21, AAK24, BMH22, 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, Jaw21, JJZ21, JZH22, KRO24, KEUY23, KWLW24, KSSS23, LHC⁺22, LPK22, LL20b, LT23, LL22c, LLW23a, Liu20, LY21, LQY22, LGZC23, LRZ23, LLXY23, Lob21, LdO21, LP22a, MCD24, MB24, MJRM20, MA22, MLLL24, MN23a, MN23b, MS20b, NES23, NRV22a, 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, YWL23, YWL21, YFK20, YFK23, YLWZ20]. **nonlinear** [YX21, ZQM20, ZLPR20, ZJJ20, ZL20a, ZFL22, ZRL⁺22, ZWT23, ZSK23, ZS23, ZWCS20, ZLH22, ZWY23]. **nonlinearities** [RZ21, WL20]. **nonlinearity** [DZ21, HGW18, 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, ZWFMF24, ZLH22]. **nonmonotone** [GB21, GB23, GO23]. **nonsmooth** [BM20, LK20, LWX21, Pło22].

nonstaggered [QD23]. **nonstationary** [HYJ20, QS20, SHD23, WZ21]. **nonsteady** [WLQ22]. **nonsteady-state** [WLQ22]. **nonsymmetric** [LZW21a, LZW21b, SM22b, ZYW20]. **nonuniform** [FZS22, KLK⁺24, KP23, 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, MNB23, SJ24, SA22, SWZC23, TL22, UHLZ24, WDZ21, WLD22, XHM20, XFX22, XSZ⁺23, XFP23, YL20a, YCZ⁺21, ZCXG20, 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, JZH22, 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, HLMM20, HQCW22, HYJ20, HX22, JMM20, JWW⁺21b, KP22b, KK23b, LSH21, LWSZ21, LQYJ23, LFY⁺21, LLJ23, LARGVR23, MAT⁺21, MLS22, NE22, NS24, QHHW20, RG21, RYAM21, SC21a, SGZ⁺23, SV21, SN20b, TSARR21, Vab22, WZC⁺20a, WSGT21, WKGH21, WSO⁺23, WWH23, XCLX24, XXAD21, XGL21, XLZ⁺21, YZ21, YL22, YZJ⁺22, YYZ22, YL20b, YLFL20, ZSH⁺21, ZDW⁺20,

ZDWR22, ZJCG21, ZL23c, ACV21, ABMS20, AFV22, ASSV20, AEF20, BZDQ21, BGK23, BDL20, BDP23, BGPS20, BKT⁺23, BPID20, Cao21, CWW22, CK23, CMS23, CMY23, CCGRL21, CPBF21, DD21, DN22, Din21, DP20, DC22, DYZ22, EFK⁺23, FMS22, FC24, FRW22, GF21, GGRBRG20a]. **numerical** [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, 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** [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, LP22c, OF20, Sch21, SZ22b, 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, Boi22, CY23, CYQW21, DG22a, EGP20, FLW20, GWYR22, HHM21, He23b, HAC23, KC20, KN20, KVV23, LL22a, NM23b, SL24, YLQ22, YWPS24, BHS20, BKW22, BBI⁺22, BF21, BGZ22, BJyST24, BC20b, CSB⁺21, CM21, CM23, CDM24, CSCY24, DSR23, DO23, DHVT20, DH23, ELN⁺20, GS22, GWN21, HYZZ24, KUK20, 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, 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, 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** [ASSV20, CDLW20, CYKL23, GM22, RYAM21, Rou20, YZL20]. **orbit** [GM21a]. **orbit-coupled** [GM21a]. **Orbital** [LZ20c]. **Order** [BBD21b, KNBR22, QD20, AD20, AADMA23, AS21, AAC23, AKO21, Ade20, Adj22, ANZZ23, ADB⁺22, AZY22, AMM23, BNV22, BS23a, BZ20, BZ22, BBK21, BGH20, BB23a, BCT21, BM21, BLMV24, BS23c, BWMW23, BSRVC20, CT22, CBLP23, CLZ23a, CCH24, CM21, CG21, CCF⁺21, CLL21, CLLG23, CK23, CCWS20, CS20a, CLZW20, CMY23, CL21, CFG⁺23, CCGRL21, CRF⁺20, CDPL24, DD21, DPP21, 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, GD_{LW}23, GCJ23, GQZ23, GCMS21, HJM23b, HLX20, HSZ22, HH23, HZR23, HHW21, HHL⁺21, HLPW22, HAC23, HQL23, HHG20, JVBM23, JWZ22, JHG⁺21, JZH22, JW20, KSS22, KUK20, KBR20, Kei21, Kim21, KC20, KWLW24, KBB⁺21, KAKK23, KSS⁺20, KSSS23, KC23b, LG23]. **order** [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, 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, XHH⁺23, XSZ⁺23, XHL24, YSGD20, YCZ⁺21, YTK21, YZT21, YHZ22, YL22, YS23, YFK20, YFK23, YM23, Yu23, ZM20, ZR23, ZCYL24, ZLT⁺21, ZO21, ZFL22, Zha22c, ZXGF22, ZYTX22, ZLJ⁺22]. **order** [ZXXX23, ZAH23, ZS23, ZL23b, ZSF23, Zha23, ZZ20b, ZLL23, ZHZ23, ZLJT20, ZCA23, ZW21b, ZMS21, ZQZ20, ZZFL21, BB23b]. **orders** [CZ23]. **ordinate** [SSW20]. **organisms** [SQC23]. **orientation** [SGAC⁺20]. **oriented** [BBK21, BBI⁺22, BMvdZ21, CNT23, DSS20, DBR21, ELN⁺20, 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, Ano24-36, Ano24z]. **Pages** [Ano24-28, Ano24-31, Ano24-33, Ano24-35, Ano24-32, Ano24y, Ano24-30, Ano24-34, Ano24-29, Ano24-27]. **Pagosa** [RCSM23]. **Painlevé** [Waz20]. **Palabos** [LMK⁺21]. **panel** [LL22c, SP20]. **panels** [MMP21]. **papers** [ZSH⁺21]. **parabolic** [AD21, AGLR21, AMN22, ANZZ23, APS21, BAKR24, BB23a, BDF24, BCT21, CCX21, CM22, CNT23, DN22, DLC22, DZ21, 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, 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, BW21, BGH20, CPBF21, ÇM20b, DZ24, GHMD22, GDA⁺22, HMX21, JZS23, KTXP21, LD22, LWP⁺23, PLVL21, TW23, WDZ21, WZS24a, XHL21, XHL24,

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parallelization [LHH22]. **Parallelized** [AGM⁺22, ZCXG20]. **Parameter** [AHLZ24, BDJ20, MMN21, BGD22, CGGY23, FC24, HHW21, JJZ21, KM22, LCY23, MJVH24, MVHÖ23, SH22, WZY23, YEO21, ZDWR22, Zha24, ZWS22].
parameter-adaptive [MJVH24].
parameter-free [AHLZ24, Zha24].
parameterization [MHHR20, ZJZ24].
parameterized [AXLW24, KV22, MWRA22, SC21b, YX21, ZXGF22, ZZ20b, ZYW20]. **parameters** [BHDV22, FLW20, RYAM21, RR23, SB21, SAVHB22, SLUW⁺21, VT21, XW24a].
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parareal [GHS23, MZHJ24]. **part** [BGK23, GP22a, GGRBRG20b, GGRBRG20a, HH21, HH22, MR22, Mit22, WZC⁺20a, WZC⁺20b, ZKBC21, ZBKC22].
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partial-integro [SZ21]. **Partially** [ADD22, ČPPŠ20, MGBN22, WL23].
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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, ELN⁺20, GP22a, GPRS22, HK20b, HK20a, KTXP21, LNF24, LP22b, NES23, SW20b, YLWZ20]. **PDE-based** [LP22b]. **PDE-constrained** [BV21, CSB⁺21]. **PDEs** [BBI⁺22, BMVA23, BB23b, BX20, BMP⁺24, CCX21, CD20, CSS23, DSS20, DN22, Füh21, HA23, Ila20, KP24, LC21, LC22, Lop20, LP22c, MB24, MCK⁺23, SDM21, STM21, SU23, WZT23, XXAD21, Zha22b, ZXGF22, Zha23].
Penalized [BBS21, LG23]. **Penalty** [NAS20, BLRRS20, BJyST24, DSF24, EFFR22, GPRS22, HBC⁺21, HHW21, MH22, RZ21, Zha22c]. **penalty-projection** [DSF24, MH22]. **pencil** [GF21]. **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, LY23, LX24, LZ23, MZ23a, SG23, STO22, SSD23, SN20b, WML21, Xen20, ZZ23a, ZZ24a]. **Peterlin** [HJM23b, YJL22]. **petroleum** [DG22b].
Petrov [AD20, BS23a, BDG21, CO21, CRM22, CM23, 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, AZY22, BMH22, Bal21, BAM⁺21, BBDM21, BM23, CLLL20, CLH21, CCGRL21, DBH⁺21, DMŠ22, EBDY22, FL22, GNZ24, GML⁺20, HXW23, HHY⁺22, JWW21a, JW20, JW20, JFS20, KP22b, LHC⁺22, LWSZ21, LAX22, LQYJ23, LJ24, LYRW21, LQZ23, LLW⁺23b, MAT⁺20, NRV22a, PHL21, QZH23, QP24, RST⁺22, SK23, SYHN24, TK20, TWH⁺22, WYS⁺20, WZY22, WXF22, WYP23, WHH22, WSO⁺23, WYT23, XKXL22, XWXF23, XXYL23, YZS⁺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, JW20, 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, XZ23]. **Physics** [CGGY23, GI20, GZAR23, TFWX23, 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, 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]. **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, BFA21, 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]. **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 [LXRQ22, LZBC24, QQY⁺23,
 SRA20, WZ21]. **Porous** [RSB⁺21, AKA⁺21,
 AZL20, AGA⁺21, ACS22, 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, WBY23,
 XZT23, XXLS23, ZPK22, PR20, MMC21].
postprocessing [HLX20, ZX22]. **potential**
 [CNT23, HHL⁺21, HLN24, LZ20c, LGQZ21,
 Li24, 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, 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, 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, YYS20, ZWMF24, ZY23, ZS23a, ZXXX23, ZDW23, ZNH24, ZSY22]. **Pressure** [RL23, AA20, BWZ22, BWZ23, sCpLYhG23, HHW21, JWW21a, KK23b, LYAZ20, PS22, RWaZ23, WWS23, YHZ22, ZR23, ZZ20b, ZPC22]. **pressure-correction** [LYAZ20]. **pressure-driven** [AA20]. **pressure-projection** [RWaZ23]. **pressure-robust** [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, YYS20, ZWMF24, ZY23]. **printed** [ZYM24]. **prior** [KW20, SHQL20]. **priori** [BHS22, DH23, Kei21, LN21, PG21, Par22c, ZZH23, ZPK22, GNB24, BS23b, GSRG21, NAS20]. **probabilistic** [BMVA23]. **Probability** [CWC22, SS21, SS24]. **Probability-conservative** [CWC22]. **problem** [AD20, AN20, AMV23, AL22, AHP20, ARV23, AA20, BHJ22, BHK⁺24, BKW22, BJG23, BMK21, BLRRS20, BS21, BBG23, BZY20, Boł22, BN20, BRRT21,

BJyST24, BCM22, CGGY23, CCGI23, CLR23, 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, LSSP23, MCD23, MGD23a, MZ23a, MCD24, nMjWIS24, Mal22, MMPR20, MLS22, NR22, Oru22, Par22c, QQX21, QV22, QD20, RL23, RR23, SG23, SL20, SL21, SLW22, SCG23, SJ23, SSD23, SR21, SW20b, SA24, Tad23, TZX23, TS21, TPOT20, TH21]. **problem** [TVKN21, TTKV20, Tür20, Vab22, VT21, WS21a, WML21, WDZ21, V21, WLX22, jWC23, WWS23, WZD24, WQ24, WLW⁺22, WCH23, XL20, 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, DFSV22, DV22, DG22a, DSR23, DLC22, DFS21, DFK22, DBR21, DWS20, DSL24, EJR24, EBDY22, EP23, ELN⁺20, EFK⁺23, EFFR22, FMS22, FHM22, FHM21, FSH⁺23, FZDS22, 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, JSSS24, JWR⁺23, JK22, KWM22]. **problems** [KC22a, KNBR22, KF22, KJN21, KFD⁺20, KGW⁺21, KD23, KVV23, LLSY24, LK20, Lee21, LLD23, LD24, LAL⁺24, LQW22, LX24, Liu20, LN21, LMZ23, LMST20, LBPC20, LMMMP20, LMMMP21, LD23, MCZL20, MSHB22, Man24, MI20, MGD23b, MS20a, Men22, MWY23, MN23b, MH23, MSBO23, Nag24, NT21, NRV22a, Orl23, OCCM21, PG21, PN24, PCC21, PKP21, PK23, PR20, 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, ZZL23, ZZH23, ZYC⁺24, ZCA23, ZCW24, ZW21b, ZWY23]. **problems** [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** [CBLP23, CHL21]. **production** [GGRBRG20b, GGRBRG20a, HZW21, TSARR21]. **profile** [SGJJ20]. **profiles** [CS23b]. **program** [Bol22]. **progression** [PSDP22]. **Project** [BHL⁺23]. **projected** [ABC⁺22]. **Projection** [KBR20, Koc22, DSF24, EBDY22, FK20, GJS20, HC23, HJM23a, 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, 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, DZ21, HGW18, MKS⁺21]. **pseudo-parabolic** [AD21, 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** [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** [nMjWIS24]. **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, 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, KC22a, LP22c, MVHÖ23, RL20, SSZ20, SS20, SZ21, Ull20, XSZ⁺23, ZSK23]. **RBF-based** [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, GDLW23, GCMS21, HZ21, HTDT23, HLMM20, HRvdZ20, 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** [GDLW23]. **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, LS20, LML23, LN22, MJVH24, PNT⁺23, SDM21, SSK⁺23, SR21, SR24, SC21b, UHP23, WARX23, Yu23, ZAPK23, KNBR22]. **reduced-order** [AS21, CS20a, LWSZ21, LS20, LML23,

LN22, SR21, SR24, SC21b]. **Reduction** [PWC⁺23, ABC⁺22, BMS22, CSB⁺21, CHJR21, CEB24, GHSR23, KC23b, 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, HMF24, RZŠ21]. **regularizers** [LS22b]. **Regularizing** [WQ24]. **regulatory** [ZW20b]. **reheating** [YLQ22]. **reinforced** [AA21, MMP21]. **reinitialization** [KCW22, NDC22]. **reinsurance** [XXY20]. **Reissner** [DD22, Vis24, YZZ20]. **relation** [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** [LN22]. **repulsion** [GGRBRG20b, GGRBRG20a, WaZWZ23]. **reservoir** [RSB⁺21, WYS⁺20, YY20b]. **reservoirs** [CCGRL21]. **Residual** [LMMMP20, OSO⁺23, TBO20, BMvdZ21, CBI⁺23, GCC20, HSM⁺23, HRS20, Jha21, LMMMP21, RNN22, SW21, BMP⁺24]. **Residual-based** [TBO20]. **resistance** [PWMC23]. **resistivity** [KLRT21]. **ResNet** [CYY⁺21]. **resolution** [MZ23b, WZZ20]. **resolved** [Koc22, RLF21, TWH⁺22]. **resolvent** [Pon20]. **resonance** [EGF⁺23]. **resonator** [SJM24]. **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, WL20]. **retarded** [PS21]. **retention** [MAT⁺21]. **Retraction** [JL20, JFS20]. **reversible** [Zha22d]. **reversible-irreversible** [Zha22d]. **review** [KJ22]. **Revised** [ZLJ⁺22]. **Revision** [Mit22]. **revisited** [DZ20]. **Revisiting** [DE21, GDLW23, 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, 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, BER21, HKM21, WWL22, ZW20b, BCCR20, FH21, JRZ21, KPO⁺21, KJ21, MFZX23, QD20, SG23, SR23, SD21, SJ24, SBNR23, WS21a, WWS23, YHZ22, ZYTX22, ZL23b, ZPC22, ZXQQ22, ZWW⁺23, ZQS24, dIRGR20]. **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]. **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, TPA24]. **scheme** [AS20, ASGGRG23, ANZZ23, 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, JZH22, JWR⁺23, KWLW24, KSS⁺20, KC23b, LWX21, LZ22, LL22a, LXY23, LZ23, LZ20d, LYZ23, LZS23, Loh21, LD23, LAB23, MRPK21, MLS22, MKP23, NY22, NFS24, OCCM21, PHL21, Plo22, 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, XP22, XZSY23, YQZT21]. **scheme** [YL22, YYS20, ZWMP24, 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, BMWW23, 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, KTY23, LPK22, LCY23, 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, LZ20b, LZ20c, LRZ23, MA22, SZ22a, SZ22b, TCW23, WHT22, WL22, WZY23, WSCP24, XF23, YWL23, YWZ21, ZSK23, ZLH22]. **Schur** [Bot20, NSRI24]. **Schur-based** [NSRI24]. **Schwarz** [CM20a, BTCV20, CPS21, CCWC23, GJM22, JRZ21, MGD23b, MR22, Par22a, SR24, dIRRG21, dIRRG⁺24]. **Science** [JKL20]. **sciences** [CSB⁺21, SA24]. **Scientific** [GZG20]. **Scott** [CLLG23, LFY⁺20]. **SDFEM** [BRRT21]. **Second** [BMWW23, MKP23, YS23, ZSF23, Ade20, AZY22, AMM23, BHS22, BB23a, BM21, CCWS20, CMY23, CZ23, DG22a, DE21, DW20, DAS20, DSF24, GP23, GDLW23, 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** [BMWW23, YS23, ZSF23, AZY22, CCWS20, CMY23, DG22a, DE21, DW20, GDLW23, 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, ZLJ⁺22, 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, Alt23, ACS22, BLX⁺24, CCG⁺23, CP21, HZJ⁺22, JZH22, LQYJ23, LZS23, QS20, SC21a, SQC23, SL21, UHL24, WR23, XJ21, ZHYL21, ZC22, ZH23b]. **semi-adaptive** [LZS23]. **Semi-analytic** [ZWOM21, SQC23]. **Semi-analytical** [SDJ⁺22, SC21a]. **semi-augmented** [ACS22]. **semi-crystalline** [LQYJ23]. **semi-decoupled** [WR23]. **Semi-implicit** [WHH22, CCG⁺23, JZH22, 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, Plo22, 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, 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, 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, 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, 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]. **smear** [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** [dIRRG⁺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, 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, KS21, KC22a, LZf23, LZY24, Loh21, NE22, SM22a, SP20, SN20b, SZ21, SMS⁺23b, SBNR23, TO20, TGARGT⁺23, TPOT20, TBO20, Vab22, XHM20, dIRGR20].

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, LSSP23, BHPD23, BFE⁺21, Bot20, BSRVC20, CBLP23, sCpLYhG23, CYC⁺23, CL21, ÇM20b, DNP⁺22, EH23, Fia21, GPL21, GHMD22, GF21, GDA⁺22, Gun22, HWL⁺20, HKR22, HDWL24, LHC⁺22, LFGZ23, LLZ⁺23, LMST20, LWP⁺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, BMST20, DS20, FCFW21, GHH20, HKS21, LNF24, LBPC20, WWL22, WZXN21]. **Solving** [BGG⁺20, CDG⁺23, DDNS21, HSR⁺23, HBC⁺21, KFD⁺20, XLCP20, YY20a, ABC⁺21, AXLW24, BV23, BL20, BB23b, BHC20, CD20, CO20, CK23, CV20, CWX22, DZ22, DC22, GHS23, GAM24, HZ21, HJM23b, HZ24, HYZZ24, 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, 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, DMS22, DBB23, EJ24, GvV22, GKK⁺20, Gun22, HLCW24, Hop23, HGW21, HQL23, JHG⁺21, JWR⁺23, KV22, KR24, LSW22, LCY23, LLW20, LXZ23, LFY⁺20, LMST20, LP22a, LSSP23, MSHB22, 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, YZ23, 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, DMS22, GvV22, Hop23, LXZ23, LP22a, LSSP23, MSHB22, PS21, SW21, SXLZ21, Wie23, XHL21, Yua23, ZWOM21]. **spaces** [AMP20, Adj22, BDJT21, CCGI23, CRF⁺20, CG22, CP21, DDG23, FLOQ21, GORBS21, GI21]. **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, MHR20, QFL23, SZS20, SW21, WSS22, ZLQ23]. **spatially** [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, DE21, Der23, GP20, GCMS21, HQLJ20, HWZQ23, HH23, JJZ21, Lee21, LZ20b, LCW22, LY23, LYL⁺22, LGZC23, nMjWIS24, NHCJ22, NML23, Pel23, 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** [nMjWIS24, RTA20]. **spectral-geometric** [HWZQ23]. **spectral-like** [CT22]. **spectral/hp** [YPC⁺21]. **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, EJ24, GP22a, GK21, MP23, ZCL20]. **split** [TSS24]. **Splitting** [Alt23, BGK23, NSRI24, BAB⁺20, CL20, CYKL23, GLL20a, GM21a, He23a, KS21, KEUY23, KM22, LZFZ22, LMMMP20, LP22c, MS20a, 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, PM23, WX22, WCZ24, YOF20, ZZZC24, ZLQ23, ZHZ23]. **Squares**

[BDG21, AN21, BB21, BBG23, CM21, FP20, FK21, JBKW23, KC21, Ku24, LCC22, 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, HJM23a, 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, LSSP23, 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, JWJ20, 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, 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, ZYL23, ZS23b]. **state-based** [Ale23]. **state-constrained** [AGM+22, BGZ22]. **states** [ABS23, MZWD23, SSdA20]. **Static** [PND+24, ZKBC21, BAB+20, Hop23, JSSS24, TMML23, ZR22]. **stationary** [CGO22, CCGI23, HJP23, LD22, LXRQ22, LMMMP20, LMMMP21, MGBN22, MLJ+20, MS22, NSMM21, Qiu21, QQY+23, SL20, SLGF20, ZZ24b, ZXZF20, ZST22, ZSS24, ZHW20]. **steady** [ABR20, ABS23, BGPS20, BCM22, GORBS21, HBC+21, JICRMG+20, KNBR22, LSWY21, LLZ+23, SSY22, WDC20, WFW+24, YA23, ZLYL20, ZYL23, ZS23b]. **steady-state** [BGPS20, BCM22, GORBS21, HBC+21, LSWY21, ZLYL20, ZYL23, ZS23b]. **steam** [HLEF20]. **steel** [Cao21]. **Stefan** [NRV22a]. **Stekloff** [BZY20]. **Steklov** [Ant21, XXLS23, ZPK22]. **stem** [ZDW+20]. **stencils** [CT22]. **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** [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, CW20, CL20, CHJR21, CTZ22, DKMS22, DZ24, FYM23, FLOQ21, GOV20, GI21, GWN21, GS23, HJM23a, HQLJ20, He23b, HKM21, HHW21, HX22, JRu24, JWJ20,

JZS23, KNBR22, KGJN24, LS22a, LL21a, LYAZ20, LD22, LXRQ22, LL23, LHF24, LD20, LMMMP21, 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, JJOG20, KWM22, Kam21, KJ21, KWLW24, LFF⁺24, MSHB22, MZM21, MKS⁺21, QS20, RLV21, SLYL22, WH21, YTK21, YGZ⁺22, ZDW⁺20, ZS23a, ZXXX23, ZJZ24, ZNH24]. **Structure-preserving** [JH24, ASGGRG23, CG21, KWLW24, QS20, SLYL22, WH21, YTK21, 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, RLV21, SLX⁺23, Adj22, ACV21, BHPD23, BS23a, CMS23, CS23b, DBH⁺21, EGF⁺23, GKHU22, HHR⁺20, HD21, IZ20, 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, Plo22, Pon20]. **subdiffusive** [KMP20]. **subdomain** [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** [PXYL23]. **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, CSI21, ÇM20b, DN22, RFG⁺21, DKV21, DYZ22, DSF24, DH24, FKW22, Fan23, FLOQ21, GSS24, GDA21, GHS23, Gut20, HJP23, HTDT23, HHNV23, HH23, IQS20, JZH22, JM20b, KG20a, LGQZ21, LXJ⁺21, LL22a, Li24, LQCM20, MA22, MZM21, PS22, PTM⁺23, QQY⁺23, SADW21, SR20, SV21, SN20b, TA22, WCW20a, WYP23, WaZWZ23, WSS22, YGZ⁺22, YCWS20, ZL23a, ZSK23, Zha23, ZCZ⁺21, ZGL23, ZSY22]. **systems** [AS23, BAKR24, BCT21, BHC20, CBLP23, CSS20, CWW22, CFP22, CG21, CKBTS24, CHJR21, DHW20, GP22a, HYZZ24, JL19, JL20, KM22, KYY⁺20, Kim21, Koc22, Kra20, LZW21a, LZW21b, SS22, SK21, SSdA20, WLZZ22, XSZ⁺23, YY20b, YM21, ZCL20, ZZL22, 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, 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, GDLW23, KP24, SSD23, ZW20b].
ternary [HLH⁺20b, WZY22, ZWMF24].
terrain [TGL21]. **terrain-disrupted** [TGL21]. **tertiary** [DP20]. **test** [CM23, GM21b, MN21]. **Tests** [Zdu21].
tetrahedral [Gie23, LLXZ23, YLW23].
tetrahedrons [IKST21]. **textile** [FGK⁺21].
texture [RGL22]. **their** [BHC20, Din21, GLLZ23, Kra23, 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].
thermomicro-polar [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]. **Three** [BAM⁺21, Fan23, KLK⁺22, WCW20b, ZBKC22, BS23b, BZ20, BOSV20, BM23, RFG⁺21, EH23, FCFW21, He23b, HZ24, LGQZ21, MMR20, QQX21, QSL23, QP24, RZC21, RZSL23, RG21, SXLZ21, Vis24, WXF22, WYHQ24, YSGD20, YQZT21, YWPS24, ZCYL24, ZLZ23, 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, ZLZ23, 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, Bar22, BBK21, BMK21, BB23a, BCCR20, Bot20, Bra20b, BWMW23, CS20b, CCWS20, CLZW20, CL22a, CLYH22, CLH22, CMR22, CMM23, DHVT20, DS22, DMŠ22, DAS20, DC22, DBB23, 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, KMS20, KP23, KR24, KC23b, LSV21, LAX22, LXZ23, LLX23, LZA23, LT23, LAL⁺24, LY21, LYL⁺22, LMLZ23, LS23, LMST20, LP22a, LWP⁺23, LSSP23, LCT22, MH22, MFZX23, MSHB22, MMC21, MMAK20]. **time** [MMAK21, MJVH24, MLLL24, OCCM21, OAH⁺24, PG21, PRN⁺23, Plo22, PS21, QHHW20, QWC⁺23, QXCG20, Rav20, RL23, RYAM21, RMBC24, RR22, SC21a, SM22a, SG23, SB24b, SHM21, ySRC22, SLW22, SCG23, SK21, SW21, SC21b, SXLZ21, SJZ22, Top22, TH21, UHLZ24, WDGC20, WS21a, WC21, WY21, 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, GDA21, GHSR23, Gra21, HJM23a, HYH23, JRu24, JL23, LMLZ23, LS23, LWP⁺23, MH22, PG21, Plo22, 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, LY21, LYL⁺22, MFZX23, MMAK20, MMAK21, OAH⁺24, QXCG20, 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, BMWW23, 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]. **TR** [BM21]. **TR-BDF2** [BM21]. **trace** [CXXZ23, CM20a]. **tracer** [PBR24]. **tracking** [BJyST24, HJ23, JICRMG⁺20, LLZ21, ZWW⁺23, NM23a]. **Training** [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** [RKRRRL22]. **transmissibility** [LBTVG22]. **Transmission** [MGD23b, AMV23, GO23, Krz22, RTA20, TCA22a, WBY23, ZH23a]. **transport** [BBK21, BGG⁺23, BAB⁺20, BSRVC20, CLL21, CRPdT20, DO23, 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, 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, ASSV20, BV23, BS23b, BMP21, 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, 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, QD23, QX23, QHHW20, QXCG20, RR22, SB24a, SJ24, SQL21, SSD23, SH22, TQX23, TCW23, TVKN21, WYH20, WFH⁺20]. **two** [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, dIRRG21]. **two-** [EH23]. **two-asset** [GM22].

Two-dimensional

[BABS20, AMN22, BV23, 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, 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, dIRRG21].

two-parameter [SH22].

two-parameterized [ZZ20b]. **two-patch**

[BGKV20]. **two-phase** [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, GDLW23, 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].

unbounded [AAC23, FMS22, GCMS21, KK23b, RLF21, YW24]. **uncertain**

[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, 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, ZCZ⁺²¹]. **united** [CFP22].

Unity [HNLPP20, AM22, Du24]. **unknown**

[OAH⁺²⁴, YEO21]. **unmanned** [JJOG20].

unsaturated [RFG⁺²¹, XLZ⁺²¹].

Unsteady

[BWZ22, BWZ23, US20, BEKV21, CSI23, DLC22, DCCM23, GJS20, KNBR22, LHH22,

LLZ⁺²³, LCT22, 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]. **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,
 EGF⁺23, EFK⁺23, EFR22, GCSF21,
 GM21b, GLC24, Gun22, HKJ23, HLH24,
 HSR⁺23, HXZ⁺22, 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, dIRGR20].
utility [LLZ20, XXY20, YZL20].
utility-indifference [YZL20]. **utilizing**
 [DDFZ23, SZ21]. **Uzawa**
 [AXLW24, HC22b, MZM21, YM21].
Uzawa-type [MZM21].

V [GV20]. **vacancy** [YWT22, ZWT23].
vaccination [GV20]. **vaginal** [SSK⁺23].
Validation [SAR20, APGK24, BAM⁺21,
 KP22b, KTFI23, XL22]. **valuation** [LLZ20].
value [ADG23, CLZ23a, CZ20, Gut20,
 HZ21, HSR⁺23, HYW⁺24, KC22a, LX24,
 MN23b, QX23, Xen20, ZQS24]. **valued**
 [GO23, KP20]. **vapor** [HHY⁺22, KTFI23].
Variable
 [LCC⁺24, ACRBT23, BS23a, BRÁ⁺20a,
 BGH20, BABS20, CLZW20, DYC⁺22,
 DAS20, DC22, EFR22, FSW20, HMW21,
 HH23, HYZZ24, JM23a, KS21, Ku24,
 LLSY24, LK20, LGL20, LL20b, LL22a, LT23,
 MFZX23, MVHÖ23, QWC⁺23, SJZ22, WZ22,
 XLLA20, XSZ⁺23, YL20a, ZLT⁺21, ZDW23].
variable- [LK20]. **variable-coefficient**
 [MFZX23]. **variable-order**
 [BS23a, CLZW20, DAS20, FSW20, HH23,
 XSZ⁺23, ZLT⁺21]. **variably** [JWZ22].
Variance [PWC⁺23]. **variant**
 [LWL21, LZY24, SM22b, WYT23].
variation [CS23b, LCN20]. **Variational**
 [EKB20, ZL20a, AMN22, BHJ21, BMZ20,
 BHS22, BLO22a, BFVY23, DD21, DMRV24,
 JJO20, LP21, LQ24, MD21, PG21, PS21,
 RZ21, STM21, SHWC22, Tor20, XCLX24,
 YWL21, dSG20].
variational-hemivariational
 [BMZ20, XCLX24]. **variationally**
 [VR20, VBDR24]. **variations** [XFX22].
various [KAKK23, MAT⁺20, ZZ20b].
varying [AGPP22, CBI⁺23, KKJ⁺22,
 MHR20, WWLG24, WTQ⁺20, ZLYL20].
vault [Bol22]. **vector**
 [AHM20, DSF24, JH24, Li24, MH22].
vectorial [HGD21, ZZ20b]. **vehicles**
 [JJO20]. **velocities** [WSGT21]. **velocity**
 [CEL20, GJS20, Ha20, HJ23, PWMC23,
 WHC24, YW20, ZDT⁺22, ZSF23, ZZ20b].
velocity-based [WHC24].
velocity-correction [GJS20].
velocity-vorticity-Voigt [YW20]. **VEM**
 [SW20a]. **verification** [GCC20]. **verified**
 [ZK21]. **Versatile** [CW20, MCW22, GF21].
version [DW20]. **versions** [CGM⁺20].
versus [ZR23]. **vertex** [CSI21, DWS20].
vertex-centered [DWS20]. **vertical**
 [HKJ23, HDG23, SBH⁺21]. **Very**
 [BCT21, BMVA23, SJ24]. **Vese** [LQZ23].
via [AADMA23, AJK23, BTYM⁺21,
 CTGR24, CEB24, DFK22, FWLD22,
 GPA21, Hak20, HJP23, HSM⁺23, HSR⁺23,
 HLCW24, HBC⁺21, HJ23, JICRMG⁺20,
 MR24, NES23, Oru22, PMLC20, PWMC23,
 Pon20, SC21a, SQC23, SGR⁺23, UHLZ24].
vibrating [DBB23]. **Vibration**
 [DYC⁺22, ZD21, ARV23, CWZ21, KKJ⁺22,

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[BLM⁺24]

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[BLMV24]

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Bause:2022:CVD

[BLO22a]

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[BMH22]

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[BML22]

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[BN20] Francesca Bonizzoni and Fabio Nobile. Regularity and sparse approximation of the recursive first moment equations for the lognormal Darcy problem. *Computers and Mathematics with Applications*, 80(12):2925–2947, December 15, 2020. CODEN CMAPDK. ISSN 0898-1221 (print), 1873-7668 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0898122120304168>. [BNQ21]

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[BS23b]

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[BWMW23]

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Bai:2022:UOS

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Bi:2023:SAE

[BZ23]

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[BZE24]

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Ishak. Well-balanced energy-stable residual distribution methods for the shallow water equations with varying bottom topography. *Computers and Mathematics with Applications*, 148(??):188–199, October 15, 2023. CODEN CMAPDK. ISSN 0898-1221 (print), 1873-7668 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0898122123003449>. [CC20]

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Han:2020:NAC

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