Title word cross-reference

[AF23, BKH20, BAK22, BRZ+23, BGS22a, BTV22, BEP+20, BP21, BL22, CDL21, CG23, CFS23, CRF+21, CIMG21, CNCM21, Da22, DT21a, DFW22, GTDB22, GDA20, GP23, HZTN21, HLB20, HBF22, HNF+21, HP21b, KSTD22, KL23, LPS21, LP20a, LLD20, LZH23, LLCK20, MFG22, MPSP22, MSIM21, ML20, MRZ21, NFL+21a, OLS21, Oru21, PWH+22, PTT22, PCD23, SRD20, SLOZ21b, TWY22a, TBM22, Tlu22, TNF23, WCZ+20, WZ21, WY22a, WY22b, WGU+22, WK21b, XRL21, ZF20, dLF23]. 4
[CMH20, PT23a], 6th [VPDD22], 0 [SHL+20], 2 [KBCH20], sgs [CPX21]. A
[RC20b]. α [BABD21, TT22a], B [Ume23], C [SHL+20], C1 [Bar21a], δ
[FGZ20]. div B = 0 [GGB22], E [Ume23], ε [YcD23], f [LMHL21]. G
[PHHJ22]. $H$ [PT23b]. $J$ [HLB20]. $K$

[CPX21, Ian20, ZLW23, CPGD20, GLSZ22, SEG22, YcD23]. $k_{\text{eff}}$ [PB22]. $L$


[YLK20]. $\mu$ [CCE+22, YYJ+23]. $\mu(I)$ [BFNK+21, LY20a]. $N$

[HT21b, HLA21, RIC+22, UHZ+24]. $N \log N$ [RMA20]. $O(N)$ [RE20]. $\omega$

[YcD23]. $p$ [ARTB20, LWR20, NMR+22, WGY20, XSC21]. $P_N$ [XJS21]. $\Phi$

[RC20b, HLB20]. $Q$ [SVW21, XG22, ZLW23]. $S$ [PBJ+22, MMKM24]. $S_N$

[YOH+20, SHM23b]. $\Sigma$ [NKA+20]. $t$ [KUO23]. $\tau$ [AGR23]. $T$ [NKA+20].

-adaptive [NMR+22, WGY20, XSC21]. -adaptivity [ARTB20].

-Algorithm [Ian20]. -body [RIC+22, UHZ+24]. -component [HLA21].

-continuous [PHHJ22]. [?] cross-Umeda:2023:NIR. -CVT [MN22]. -D

[WZC21, GDAP20, ID20, KLZ23, NFL+21a, Oru21, PBVC22, UY22, WCZ+20, WK21b, YU22]. -dimensional [Bal21]. -exact [SEG22]. -frame


[KUO23]. -nearest-neighbors [GLSZ22]. -phase [HT21b].

-Algorithm-Huang:2021:CCM. -point [ID20]. -regularization [DD22a].


[LWR20].

İzmir [MMSW22].

1 [Ano20a, Ano20b, Ano20c, Ano20d, Ano20e, Ano20f, Ano20h, Ano20i, Ano20j, Ano20k, Ano20l, Ano21a, Ano21c, Ano21d, Ano21e, Ano21g, Ano21f, Ano21h, Ano21i, Ano21j, Ano21k, Ano21l, Ano22a, Ano22b, Ano22c, Ano22d, Ano22e, Ano22g, Ano22f, Ano22h, Ano22i, Ano22j, Ano22k, Ano22l, Ano23a, Ano23b, Ano23c, Ano23d, Ano23e, Ano23f, Ano23h, Ano23i, Ano23j, Ano23k, Ano23l, Ano24a, Den23, SLOZ21a, WMTQ20]. 15

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2 [Abg20, KSST21, SLOZ21b]. 2020

[Ano20a, Ano20m, Ano20n, Ano20o, Ano20c, Ano20d, Ano20e, Ano20f, Ano20g, Ano20h, Ano20i, Ano20j, Ano20k, Ano20l, Ano20m, Ano20n, Ano21a, Ano21b, Ano21c, Ano21d, Ano21e, Ano21f, Ano21g, Ano21h, Ano21i, Ano21j, Ano21k, Ano21l, Ano21m, Ano21n, Ano21o, Ano21p, Ano21q, Ano21r, Ano21s, Ano21t, Ano21u, Ano21v, Ano21w, Ano21x, Ano21y, Ano21z]. 2021

[Ano21a, Ano21b, Ano21c, Ano21d, Ano21e, Ano21f, Ano21g, Ano21h, Ano21i, Ano21j, Ano21k, Ano21m, Ano21n, Ano21o, Ano21p, Ano21q, Ano21r, Ano21s, Ano21t, Ano21u, Ano21v, Ano21w, Ano21x]. 2022
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[Ano24a, Ano24b]. 265
[HPA22]. 2P [CDT22a]. 2V [ATCS20].


advection-diffusion [BFG22, FPT23, GTDB22, LCWH23, MTB22, SWF21].
advection-diffusion-reaction [ARR21, BFP21].
advection-dispersion [DGW20].
advection-dominance [ARR21].
advection-dominated [LT20c, SFGNMGN22].
advection-reaction [CCL21].
advection-dominated [LT20c, SFGNMGN22].
advection-reaction [CCL21].
advection-dispersion [DGW20].
advection-dominance [ARR21].
advection-dominated [LT20c, SFGNMGN22].
advection-reaction [CCL21].
advection-dispersion [DGW20].
advection-dominance [ARR21].
advection-dominated [LT20c, SFGNMGN22].
advection-reaction [CCL21].
advection-dispersion [DGW20].
advection-dominance [ARR21].
advection-dominated [LT20c, SFGNMGN22].
advection-reaction [CCL21].
advection-dispersion [DGW20].
advection-dominance [ARR21].
advection-dominated [LT20c, SFGNMGN22].
advection-reaction [CCL21].
CFM22, DJ22, DLMZ22, DW20a, FCM+20a, FBCD22, HDML23, HR22, KLF22, KSBG20, KCP20, LC22, LWWH23, LXY23b, LR23, LLSD20, LM22, MYM+21, MBK21, NPD20, NBR22, PDPK20, RS23a, SHJ+23, TJC21, TSP22, TPPA22, WDL21c, WHS22, XFL21, ZBY+23, SGB+21b. **applied** [DA23, DFP+21a, HP21a, KP23, LPJ+23, PHHJ22, PPHO22, SMK23, ST24, SS22c, TVL+22, WR23c, ZLM+21]. **Applying** [KS11, MRT+22, PSL20, XBRL21, HZTN21]. **Approach** [Yan21b, ABH21, AYH+21, ASW21, ASSZ21, Ale23, ABY23, AN21b, AWB+21, BCG+20, BZSF20, BV20, BF122, Bha20, BTEK22, BNN20, BJR22, BD20b, BBL23, BKN23, CS20, CAF+22, CL20c, CLS20b, CPG22, CA22b, DKM+20, DGGL22, DCHF21, DNP23, DD22b, DW21, Dup21, EDFL20, EFR21, EK21, FSW22, FJ21, GZW20a, GNF22, GQR21, GLJB20, GOF23, GCD20, GTKA20, HLZ20, HRR21, HRRHG21, HGH20, HPX23, HX21, HNZ23a, HJJ21, JYK22, KGBT20, KP23a, KSI+23, KS21b, KNS21, KF23, KHM+22, KV23c, KBC22, LE21b, LHXZ22, LHA+21, LW20a, LL21d, LOLS23, MHA23, MM21a, MRL+23, MBTS20, NdLPL21, NGZ22, NVPP23, OL23, Or21, PA21, PRKS23, PM22a, PZK23, PPH23, PCD23, PEL23, RUG20, RDAB23, RA23, STEK17, STEK22, SLWRG21, SEG21b, SDP20, Sin23, SES21, SY23, SS22b, SS22d, SOB22]. **approach** [SI22, TBM22, TM23, UHZ+24, VMS20, VPDD22, WQ20, WZ20, WS22a, WD23, WKKB21, WL22, XHC22, YGW+20, YTK22, YZH+23, YK20a, ZOG22, ZA21, ZS22b, ZOG21b, ZZ22, ZYY21, ZHRB23]. **approaches** [GNZ23, HA21, JWH20, SPD+21]. **appropriate** [AK22]. **Approximate** [BMQ20, FFY21, Re23, AHR20, AR21, BLWL22, BHH21, CMP23, DNO23, GGEJ20, HBF20, LVK+22, LJJ23, LS22b, MM21b, PJB20, SGB+21b, SFNMF+21, Svi22, WH22a, WPBS22, XF23]. **approximate-factorization** [PJBB20]. **Approximated** [BCdS+23, WLPK20, WDL21b]. **approximating** [QZHD23]. **Approximation** [TSSOA20, ASJ23, AF23, BLF20, BF22, BGY22, CWL+21, CCL22, CMP+21, CDT22b, CY22a, CCH20a, CS23, CGM+23, CX22a, CX22b, CH22, DES23, DD20, DV21, ELS22, FJG+20, GFG22, GS21, GPS20, GCL+22, HLM+20, HRMY20, JYK22, KMS20, LSC20a, LZ22a, LT22b, LM22a, LM22b, MRK+20a, MRK+20b, MRK+20c, MLL+21, MK20, MST23, PS22b, SEG21a, SKT20, SSK20, TMY22, TLL22, TPPA22, UY22, WZ21a, YK22, YZZ22]. **approximations** [AD20, BNP+22, BT20, FK20, GMY+20, GN20, GLY22, HV20, JTK22, LHF23, LLL20, LT22b, LZ24, LOLS23, MR23a, MR23b, Sin21, SAM23, YH22a]. **APR** [MZC+22]. **April** [Ano20a, Ano20m, Ano21a, Ano21m, Ano22a, Ano23a, Ano23m, Ano22m]. **aquifers** [SFP+20]. **Arbitrarily** [GZW20b, Cam21, CL23a, CC23, HHL20, MWH21, PR20, PAG23, ZWW23]. **arbitrarily-shaped** [PAG23]. **Arbitrary** [CLB23, GBC+20, SOSM20, WZL21, XDLX21, AAM20, AD23, ATCS20, BT23, BZ21, CMM+22, CLLL20, CBB20, CT21b, CCAR22, CLP21,
CGM23, DD21, DLY22, EPL21, FHKW21, FX22, Hac21, HSXZ21, KCS21, KKS21a, KKS21b, KB22a, KLB23, KB23, LZX22a, LQXM22, LEH21, Nis22b, PA21, QJQW22, QJL23, REC22, RC20a, RRPSS21, TWY22a, TGR22, TSSOA20, TRC22, VVRWT21, WDK22, YTWK23, ZCL20, ZXX23.

body-fitted [FADJ20]. Bogoliubov [GC20a]. Bogoliubov-de [GC20a].
Boiling [ZZN22, KVH20, MCBA20, SGB+21a, TUCT24, WZCK21].
Bogoliubov [KKJ21, dv23a, AYH+21, AMW22, AWB+20, AWB+21, BSR20,
BGGM22, BVT20, BT20, BZ20, BSK+23, CSY21, CYS23, CTG23, CW22b,
CFJF23, CBA+21, DSSSP20, DBSS+20, DFJ20, DWM23, EC20, EH22b,
Gin21, GFJ+20, HPW21a, HTV+22, HQ20, Jai22b, Jai22c, JLL22,
KS21d, LL20, LLKY21, LRT13, LGZ21, LLWX22, LZ20b, LSZY20, LHWZ21,
LZY+22b, LMK21, LLSD20, LLD+22, MWW+20, MTB22, MST23, MRG22,
MY+23, MRBS22, MR23b, OGM20, PZ20, PAA21, Po¢23, QKG21, Rei22,
RWS21, RR22, RA21, SH23a, Sar21b, SMK23, SM+23a, SOG+22,
SKM22, SMLM23, TKR22, TS20, TYPY22, WZC21, WSA22, WS22,
WTZB23, WGY+21, WLL+23, Xia21, XF21c, XF23, Xie22, YSC23, YYJ+23,
ZHPZ21, ZQC+23, ZZZ20, ZIMA24, ZYY23].
Boltzmann-BGK [BVT20, BT20, DWM23].
boom [YWN20, YI23].
boost [CC20].
bootstrap [CY21].
bootstrapping [MPIG23].
Boris [CC22b].
Bose [CL21, CDLX23, GC20a, LXY23b, MR23b].
Boson [LM22, MPMD20].
both [HCL20].
bottom [AMB22a, ZDT23].
bottomhole [LO23].
Bound [FGKY22, GS20, HSW22, HS23, CYS22, CDW23, DY22d, GLY20, JLYQ21,
KWS23, LCSZ21, LRT+22b, TYC23].
Bound-preserving [FGKY22, CYS22, CDW23, DY22d, GLY20, KWS23, LCSZ21, LRT+22b, TYC23].
Bound/positivity [HSW22, HS23].
boundaries [CDBS21, CRF+21, Co20, CMS23, HJ22, LBN21, Lév22, MMZ22, Ree23, TKR22, VACE21, ZCY+21].
Boundary
[ASS21, BRT22, BBF20, CMNS21, EWN+23, HSS23, Sei22, SAm23, ZHR20,
ZH20, AHG21, AD20, AD21, ALCZ20, ADM+21, BMV22, BBGT21,
BZ21, BFG22, BKK21, BFS23, DBB21, CHS20, CNB+23, CBCT+21,
CAG20, CLS+20a, CLW22, CZLC20, CYS23, CTG23, CZCY23, CLLL20,
CW22b, CFJF23, CAT20, Chi23, CSLC21, CRPB20, CPBB21, CL23b,
D2W3, DA23, DHK23, DR20, DLM+23, DSZ20, DG23, DN21, DLL22,
DLYZ23, DC22b, EFR21, ELSV22, FDH+24, FZ20a, FH23, FH20, FDP20,
FB23, FGD+21, GRC+22, Gin21, GAB+22a, GS22, GOF23, GF21, GKD23,
HBFB20, HF23, HP21a, HP22b, HLA22b, HNZ23b, HXQL23, Ish22, IK23b,
IRT22, JPAZ21, JLC21, JDB+23, JG21, KM22a, KBSF22, KS11, KRG+23,
KSH22, KEY20, KdMJ+22, KJdM+22, KF23, KKY+21, KTO22, LSW21,
LM21b, LLY20, Li20, LZ+22b, LZ22b, LP+23, Lin21, LHT21].
boundary
[LCF+23, LJS+23, LAMC24, LSTZ21, LCDS23, MWW+20, MZ22, MPBG23,
MQ20, MBM+22, MGA20, MD20c, NG22, NFL+21b, NG22D, NLZ+22,
NG20, Nor22a, OB20, OL20, OLS21, OSL22, OCGT22, PSL20, PJ22,
DAGL23, PACG23, PH22, PL20, PPB23, QHLL20, RKA+23, RS20b,
RF22, RRPS21, RS23b, RGR21, SM21a, SYOS19, SYOS21, SPdF20,
SKT20, SW21, SRTB21, SC22a, SBL22, SY21, SSMA21, SNW23, Svä21,
Tak23, TAWD23, TNB21, TPB22, Thu22, TF20, VABA22, Vre20, Vre21b,
WQ20, WGS+20, WP21, WH22b, WKKB21, WLL+23, XC20, XY20a,
XC23b, XSA+21, YLS21, YYM+22, YYB23, YGL20, YP22, YP24, ZG21,
13


Boundary-consistent [BBF20]. boundary-lattice [MWY+20]. boundary-layer [HBF20, MD20c]. boundary-material [NLZ+22].


boundary/multi [CW22b]. boundary/multi-relaxation [CW22b]. bounded [Ere22, HBF22, KGN22, Nor22a, PEA20, PO21, Rec23, SB23, SSG+20]. boundedness [MIM20]. bounds [CF20].


breakdown [NTSM20, XSF23]. breakups [GMD22]. breakdowns [NTSM20].


Carbonate [YZK23]. Cardiac [ASG+23, BPS23, BGQ+20, BBQ+21, BGQ+23, FBD+22, RSA+22].


[BSCG22, BJR22, CZ22b, DGGL22, DEB21, HRG+23, PBN+21, SWHJ22, WZSK22, ZP20, ZAW+20]. **CFD-DEM** [CZ22b]. **CFD-driven** [BSCG22, ZAW+20, WZSK22]. **CFL** [CK20, HZHL22, Liu20b]. **CG** [CMS+22b]. **Challenge** [CaI21]. **change** [BSV22, HHAFR21, HLA22a, LZT+23, LCP23, LYH23, MMZR21, MRL+23, WA23]. **changes** [CMPZ22, GBC+20, HCL22, HF23, KSST21, MS20a]. **changing** [LSTZ21, SCB20]. **channel** [DTB20, HKJ21, XC20, Xie22, XC23a, ZGLL20]. **channels** [CCAR22, Liu20a]. **Chaos** [Po¨e22, RBBD22, Bha20, BKON23, CGC21, EPL21, EPL22, HL20c, KP23a, LT20a, NDH20, Poe23, ST24, PB22, TPSN20, VGG23]. **chaos-informed** [CGC21]. **chaotic** [CBCF20, CF22, HD23, KP23a, WH20a]. **character** [YAX20]. **Characteristic** [CYS23, YMY+21, ABDD20, CCH+23, FL21, FDP20, KFSM21, MZ22, SC22a, TN23, YSN23]. **characteristic-based** [SC22a]. **characteristic-featured** [FL20]. **characterization** [KAC22]. **characterized** [GSOM23]. **charge** [AFF+23, CCY+20, EC20, Ere22, PP22c, SMY22, XC20]. **charge-conserving** [CCY+20, Ere22]. **charge-momentum-energy-conserving** [SMY22]. **charged** [KCCR22, RC20a, RGLN22, SGM21, Ume23, WHL21]. **charged-particle** [KCCR22, RC20a]. **Chaussee** [PJBB20]. **Chebyshev** [BG20c, EDLF20, RS20c, WH22a, YNT20]. **Chebyshev-based** [BG20c, EDLF20]. **Chebyshev-collocation** [RS20c]. **check** [CMGGS23]. **checkerboard** [DMRG22]. **checkpoint** [CCN21]. **checkpoint-restart** [CCN21]. **chemical** [AGR23, GN23c, HZY22, PEL23, XYL22]. **chemically** [DY22d, JK20]. **chemistry** [BCG23, BB20a, GCVI22, LLB+23, MLM+21, PSCK23]. **chemo** [GN23c]. **chemo-hydro-mechanical** [GN23c]. **chemoepitaxial** [LCC+23b]. **chemotaxis** [BGH21, HLY22, QLY21]. **Cherenkov** [BD20b, LKG+20, NNL+20]. **Chimera** [KFSM21, MMZZ22]. **chiral** [KCK21]. **chirality** [FCGKR23]. **Choice** [ZS21a, Kem24, RRPSS21, ZZH22]. **CIAs** [BTK22]. **circle** [Sha23]. **circuit** [BGSP22]. **circular** [FZS+21]. **circulation** [RSA+22]. **Circumventing** [ZNC+21]. **class** [BGFB20, CCH20, EFR21, GLY22, HSV22, LCR22, Mar23, RBC+23, SAP22, SY21, TT22b, TT23, TYC23, WH22a, WZSC22, WHS22, YZdCNS21, ZWZL22]. **classes** [CS20]. **classic** [CDW23, GTWJ24]. **Classical** [CLY21, AZ22, DY22b, JLR22, ZOWW20]. **cleaning** [CPGD21, DFGR20, KKK+20]. **clear** [VT23]. **climate** [WDL+21b]. **clinical** [LAMC24]. **cloaking** [WYHL21]. **cloaks** [CHG21]. **Close** [KKCC20]. **closed** [RSA+22]. **closed-loop** [RSA+22]. **closest** [HCL22]. **closure** [BBB23, BKY21, BKMM24, HCCR22, PB+22, PO23, QJQW22, SS22, TBW22, WH20a, WZSK22, WSS22]. **closures** [YCD+20, YCD23, ZDS+21]. **cloud** [CLKL+23, RSWD21]. **clouds** [PM22a, PLYZN23]. **cluster** [DCA+22, DBC+22, SAL+20]. **Clustered** [XCL22]. **Clustering** [IL23, GHE+23, LKJL22, TACO22, VGG23]. **clusters** [LMUHR22]. **CMP**
...
Complex-scaling [DHM21b]. Complexity
[ASBM20, CF20, Bre20, JLY22, JLY23, LBN21]. Complexity-reduction [ASBM20].
Complexity-compliant [BBKB21]. complicated [SYOS19, SYOS21, TNB21].
component [ADJ23, FTK23, HLA21, JZL+24, KK22a, LIVK+22, LLQ+23, MS20a, PAA21, Say22, TWY22a, ZY+23]. components
[ADJ23, GIKR22, LRT13, LW22a, Yan21b, dv23a]. Composite
[LHCK24, DYGC22, GZW20a, Kus20, MK20]. composites
[LJ20, MBDS23, ZOG21a]. compositional [AdDMT21, BE20, CCW20, FMS21, JW21, LTD+21, LTT21, LYS22a, WLW+20, ZF20]. compound
[YLK23].
Comprehensive [TKK22, TZ20, RWD22, WR23b]. compressibility [MRK+20a, NIT21]. Compressible
[DAGL23, AMB22b, Che23a, DJID20, EGN23, HM22, SC22c]. compromise
[LW22b]. Compton [KKL+23, MTW23, TLWM20]. Comput
[Abg20, ACM20a, BLL20, EFO20, GRT21, HPA22, LMF22a, MM22, SZ20, SYOS21, STEK22, SS22b, Vre21b, Vre21a, YGJ21a, ZCQ20a, ZC22b].

Computation [CCER20, FSM+22, BGA21, GHH21, CL20a, CPX22, CFS+22, CT22, CBCP20, EFPR21, EK21, FLOL23, GLT+20, GKD23, KS22a, KKL+23, LPS21, LGC23, LWL+23, LM22, MM21a, Nis21, REC+22, Wan23, YTK23, YR22, ZS23]. Computational
[AP23, CCE+21, CP20, KST21, LLO22a, TACO22, YLLO23, AS21, AFGLV20, AWB+21, CAE+22, CHCC23, CL20b, DVF22, DFP+21a, DY22b, DC22b, FTPB23, GCV22, GLJB20, MM22, GN23c, HY20, HGZ23, HHIA19, JM23, KBCH20, KSW22, KRL21, KCT+23, LGV20, LWY+20, LAS22, LMR20, MD20a, MRT+22, MAP+20, NIT21, Pan20b, PW22, WRBK20, YCM+20, ZW22, ZJSX23, ZAM20, BCdS+23].
Computationally [DS23a, WLS22]. computations [BHW23, CE21, CFS23, EDC+23, GU20, Nis22a, NÄ21, PB22, RWDG22, RIC+22, SMLM23, VPDD22, ZJSX22]. compute [MCBA20, NPD20].

computed [TTP22]. computer [DEB21, LCL22a, XCL22]. computers [ZLC+20].


concentrated [TTP22]. concentrated [MCBA20, NPD20].

condensation [MR23b]. condensing [CLT21]. condensates [CL21, CDMX23, GC20a, LXY23b]. condensation [MR23b].

condensation-dependent [LBM20]. concentrations [APR22]. concentration-dependent [LBM20]. concentrations [APR22].

conditional [BFC23, SPGG23, TBST20, Che20, CD23, GN23a, HGS22, LT20a, PZ21, ST24, TBSH21]. conditional-value-at-risk [GN23a]. conditioned [HKJ21].

conditional [BBDT21]. conditions [AD21, BZ21, BFG22, BG20b, BFS23, CHS20, Cal21, CLS+20a, CLW22, CK21, CCDS20, DG23, DN21, FZ20a, FH24, FDP20, HP21a, HL22b, HNZ23b, HXQL23, JPAZ21, LM21a, LYL20, LZZ23b, LCF+23, LAMC24, MPB23, MGA20, NFL+21b, NG20, NW22, PJA22, PAGJ23, PT23b, RS23b, SYOS19, SYOS21, SMMA21, Swä21, TAW23, TNP21, TPB22, VBA22, WZW21, WKB21, WLL+23, YLS21, YLM+22, YGL20, BRT22].

conditions-free [HXQL23]. conducting [AWP23, KLP22, USRH20].

conductivities [BCG+20]. conductivity [ILX22, JYK22, Kus20, VSB+22, YST20]. conductor [HLB20].

conductors [LL23a]. cone [HPA22]. configuration [KLP22, LW22a, MNC+22, QC23, SM21b].


conforming [BG22a, CBC21, CDMX23, HSG+22, Jai22c, LRL22, WY22b, XHY23, ZSKN22]. congruity [RA21].


conservative [Yan23, ZB21a, ZLN22, ZSQ21].

conserved [KV23c, LC22, Yan21c].


Constrained [DVS22, RW+24, BS22b, CSY21, CZ23, CX23, CBA+20, FCM+20a, FVM22, FVM23, GZ20, HR22, LZZ21b, LXY23b, MSM21, MD21, SMS23, XD22, YZK23]. Constraint [FCM20b, MRHR20, MCP23, BNN20, CHZ+21, CW22a, DEvW22, KB20b, LKEM21, LL22, LXY23a, PT23a, ZC23]. Constraint-aware [MRHR20].

constraint-preserving [KB20]. constraints [ABBG23, HKKS21, IK23b, KK20a, LVK+22, RR21, WKA+20].

constriction [ZD21]. construct [YG21]. Constructing [LD22].

cut-cell [BL21b, XS20, XLS22, YWN20]. **cut-cell/volume-of-fluid [XS20]**. **cutoff [HQ20]**. **CVT [MN22]**. cyclic [GSOM23, VRAM21]. **cylinder [CCMC20, CPGD20]**. **cylindrical [BSP21, FLW20b, GKRS22, KJB +24, SLO21b]**.

deforming [BZ21, BGNY22, BV22, WGS^+20, YB22].
degenerate [HST22a, RMWS21, SOSM20].
degradation [CGJM21].
degree [PZZ^+23].
DEIM [EAK20, WDH^+21].
DeLISA [LZY22a].
Delta [FGZ20, FCY^+20, Kho20, RKVV20].
delta-Eddington [FCY^+20].
dememorization [ELL^+23].
denoising [GN23b].
dense [AFF^+23, KVQE21, LY20a, PM21a].
dense-to-dilute [PM21a].
dependent [AH21, AFL22, AFGLM20, AMB22b, BDS23, BG20a, CZ22a, DGW20, DH24, FPT23, GMB^+22, GR21, HHK^+23, HPA22, KCS21, LBM20, LKG^+20, NDH20, Nis23, PB20b, PMF20, PM21b, PH22, PTT22, Qia22, QHL20, QCZ22, RHG^+22, RV20, RS23b, STEK17, STEK22, Shi23, VdGP20, WQ20, WCBQ24, XSC21, Yin21, ZSST23, dZBDMC24].
dependence [VRAM21].
dependent [GQS20].
depletion [CS22].
Derivation [SEG21a, SL20b, WLZP21].
derivative [CCdS20, HNS20, KBCH20, ORCVG24, SMR22, YS22, ZS22a, ORCVG24].
derivative-free [HNS20].
Design/analysis [WMTQ20].
designing [WTX^+21].
detected [KKB23, WZ23b].
Detection [KLA23, NKT21, BZSF20, GQF23, HRMY20, HCL22, KYO22, NKA^+20, PB20a, SP4F20, ZSY21].
Determining [KKN^+22].
Deterministic [JBF21, HJLZ23, MR23b, TLWM20, TRC22].
detonation [JLL22].
detonations [OGG20, WTWB23].
developing [HZX23].
Development [CWY21, CI21a, HCL20, JYY22, PBC21, PGM22, RB21, LMLH21, WZSK22, WYS20, ZAW^+20].
device [ZWZL22].
diagonal [KCS21, LJ22, MZ20, MHY20].
diagonal-norm [M22].
diagonalization [WZ21b].
diagonaled [FJBB20].
diagrams [MCBA20].
diaphragm [TVL^+22].
Diatomic [WZX24, XCL^+21, HGH20].
diblock [BCL^+23].
dictionary [MO22].
dielectric [CCER20, LMUHR22, WZC21, WSAZ22, ZR21].
diffeomorphic
Difference [VVRWT21, ĀAL+21, AT20, AD20, ACR23, BHNS23, BKC23, CLS+20a, CBF22, CHF21, CWX23, CLP21, DMN22, DBD21, DSZ20, DYM230, DT21b, DT22c, DF22, EWN+23, FZQ22a, FZ20a, FZo2b, FH24, Gao22, GLY20, HT21a, HPA22, HZD21, HL20a, HCL20, HXX22, HS+22, Ji21, JTK22, JLY22, KSTT22, KLN20, KK22a, KCD+23, LL21a, LG22, LL23a, LG21, LZ22a, LCR22, LSZ+23a, LH20, LR22a, LW23, LRW21b, LCN20, LSZY20, Liu20b, LM20c, MJS23, MR23a, PP22b, PPP21, PTT22, PGP+23, QC21, RF22, RZ23, RA21, RMWS21, SO21, SK23a, SGT23, SSG+20, SLNM21, SAM23, SN21, TCS22, TAWD23, TB23, TVL+22, WCF+21, WZTZ21, WR22, Xa23, XBR21, Yan21a, YLK20, YLN20, YLL21, ZC22, ZA21, ZK23b, ZDT23, ZZ23c, ZSQ21, ZLW22b, ZL22, ZPK22, Bat20b, VP222].

difference—finite [LSZY20].
difference/finite [YLNT20].
differences [AD21].
differencing [AAKW20, BDBB22, FY22, MGRRV23, RRG24, SZQS23].
different [BBL23, CHZ22, GM23b, GHHR22, GCD20, KLA23, LM21c].
differentiability [JF24]. Differentiable [FW24, HF23, LRT22a, LR24].
differentiate [˚AIN21]. Differentiation [CHDB23, HIN+21]. Diffraction [PM22b, PLM23a, CE23, CDL21, LSW20].
Diffuse [ZMWS22, CSM23, DSPB22, JM20, JAW+23, KB22b, LCCM22, MIM20, YTWK23, YLK20, YL22, YLL21, YLY22].
Diffuse-domain [YL20].
Diffuse-interface [JMM20, JAW+23, YLK23].
diffused [PBM23].
Diffusion—redistanciation [MSIM21].
Diffusophoretic [HH20].
diffusive [BM24, JJ21, LP22, MRS22, PC20].
digital [HP21b, TSS+20].
Dilatancy [BFNK+21, GDBF+20]. dilute [PM21a].
Dimension [CD22, Der23, GYC+23, KSHJ20, KWS22, LCH20, Len20, LT23, PBCL20, VACE21, ZYD20].
Dimensional [SFP+20, AG21, AB24, AdD21, ALFN22, ARGK22, AAK20, BCWD21,
dissimilar \cite{PRO22}. Dissipation \cite{KV23d, SYAM23, AK22, sCpLL22, CDX21, DhJV22, DNO23, FFRT21, FAHA20, FAA20, GMMS22, HYQ20, JP23, KD21a, LFA21, LYZW21, LCR22, LSZ23a, LSXSF22, MM21b, MD20b, PLL21, RKVV20, SEG22, TFWX22, TSHT20, WTX21, WZTZ21}. dissipation-adjustable \cite{DhJV22}. Dissipation-based \cite{KV23d, JP23}. dissipative \cite{KV23d, JP23}. distance \cite{ABBG23, GCV22, Nis21, WXZ22}. distillation \cite{KKM21}. Distributed \cite{HLB20, KSHJ20, KHS20, SGPW21, TEA23, ZLC20, ZO21}. distributed-memory \cite{ZLC20}. Distribution \cite{STG20, AOR22, Ara20, AR20, BCJM20, Cai22, KKS21a, KKS21b, LRAQ22, SWG21, ZCY20, ZCCN23}. distributions \cite{HGSK22, LLR23, TT20, ZOG21a}. disturbance \cite{PA21}. 
div [BDP23, BDP23b]. div-curl \cite{BDP23b}. divergence \cite{CBCT21, DW20b, EOP20, FZB23, Fu20, GEvWD22, KK20b, LZZ21b, LZLS21, LP23b, SCS22, Toh23, WDS22}. 
divergence-conforming \cite{CBCT21}. divergence-free \cite{DW20b, FZB23, Fu20, LZZ21b, LZLS21, SCS22, Toh23, WDS22}. 
divergence-preserving \cite{GEvWD22}. dividing \cite{HST22a}. DLGA \cite{XCZ20}. DLGA-PDE \cite{XCZ20}. DLM \cite{PC23}. DLM/FD \cite{PC23}. DNN \cite{CCXX23, LXZ23}. DNS \cite{HW20a, PO21}. do \cite{MX22}. Domain \cite{OLP23, ABH21, AMG23b, AMGCL21, An21a, AZV23, BDT21, BGH20, BGS22a, CZ22b, CYY22, DMRG22, EJ23b, GSW21, GTDB22, GPS20, HLI21, JTT23, KP23a, KS21b, LHLL23, LZ20a, Liu20b, LLN22, LCK20, MDG20, MFSP22, MP21, MMRP22, OYK22, QCWC23, QHLL20, RC20b, SGPW21, SJK21, SS20, SNW23, SBV20, Tak23, TB23, TBP22, Th22, TLB20, TY24, VACE21, VT23, VEC21, WBRK20, WCF23, WY22a, XHL23, YGL20, ZLW22b}. domains \cite{ASS21, BFG22, BDF23, CLS23a, CPK22, Coo20, CBC23, Ccd20, CNC21, DS23a, DS20, DSZ20, FPT23, GLLM22, HR20, HW23, Jai22c, KMR23, KML23, LWY20, LSH20, MF24, QG21, RS23, RFZ22, RMWS21, Say22, SB23, SWF21, YLT20, YTWK23, YLS21, Yua21, ZPGR22}. dominance \cite{ARR21}. dominant \cite{MHY20}. dominated \cite{BBB23, GFY20, LTD22, LT20c, MM21a, MZ23, SFGNMGN22}. Dormand \cite{NNJ21}. DOSnet \cite{LLSX23}. Double \cite{EDC23, YFY22, ZCY20, BNT23, EEG22, HLC23}. Double-flux \cite{YFY22}. double-sweeping \cite{EEG22}. doubly \cite{WNB21, WC23}. doubly-periodic \cite{WNB21}. dozens \cite{SZW23}. DP \cite{KLW24, LHCK24}. DPG \cite{MMPD21}. DPM \cite{SMF20}, drag \cite{BL19, BLL20, SDA21}. drift \cite{CDT22a, MWZ23, NWM21, RPA22, Sab20, SAH22, WDK22, ZWZL22}. 
drift-correcting \cite{WDK22}. drift-diffusion \cite{RPA22, ZWZL22}. 
drift-kinetic \cite{SAH22}. drift-kinetic-equation \cite{CDT22a}. drift-region \cite{MP21}. DRIPS \cite{LT23}. driven \cite{AHH24, ASSZ21, AMW22, BT21, BB20b, BBH23, BSA21, BSA22, BBA22,
[CJT⁺20, MMSW22]. easily [DGGL22]. EB3 [KDL23]. Eddington
[OPHY23, FCY⁺20, LM21c]. Eddy
[Svā22, EDEV23, FBG20, HLB20, IW23, KS21d, LM21a, LCP21a, LMS23, LWWH23, NMN23, SOG⁺22, SMF20, SS22b, SS22d, XBD⁺20, vNGB22].
eddy-viscosity [EDEV23]. edge
[CHDB23, He22, HSB20, KYO22, LH21, Sem21, FCL21]. edge-based [He22].
eddies [PJR23]. Editor [Abg20]. Editorial
[HGB20, LFP⁺21, MJJ21, MYY⁺23, WNZ20, ZZX20]. Effective [Cie20, LaCXL⁺20, ABDD20, BB20a, DDR22, LPS21, LAS22, TKGB23, XC23a].
effectiveness [KS22d]. Effects
[SPPV20, BEB⁺22, BV21, CBCF20, DSSSP20, DWZ23, FTPB23, GDBFN⁺20, GPSMH20, GN23c, HPW21a, MH22b, SHM23b, SFP⁺20, ZGK⁺22].
efficiency [DCA⁺22, DBC⁺22, GYC⁺23, LW22b, NG22, SLQW22]. Efficient
efficiently [MCBA20]. eigensolution [MCBA20, MCBA20]. eigenanalysis [MAPS20]. eigenmodal [MD20c].
Elastic [AD21, LZS22a, Lkm+22, ALM23, AMM20a, AL20, AL21, ABDD20, BB20b, BY20, CLW20, CGLZ23, CDL21, CC22a, CLJ+20, Dll22, DFW22, GL20, GAC20, HY20, JF20, JAW+23, Kar22, KFS21, LZS22b, LM3a, LMB+23, LTM+23, MD20, TB22, TA23, TY24, WGB22, WZ22, XHZ22, XHL23, Yan21c, YK20a, ZML20, ZS22]. Elastic [CL21, CDLX23, DFG20, GC20a, LXY23b, MR23b].
PM22a, PP22c, QWZ21, RLD24, RC20a, San20, SHL+20, SMY22, SMAY22, energy

Equation

[LT22b, LQX22a, ILNZ21, L20b, LHWW21, LZY+22b, LDC23, LM21c, LLS20, MRK+20c, MBAG21, MGL21, MCVF22, MST23, MRBC22, MRBS22, MR23b, NPMD20, NS22, NT20, NMR+21, OP20, OGVM20, PSL20, PM23, PM20, PCL23, PEL23, QWZW23, R20c, RBPRST20, RA21, RHY21, RMWS21, SH23a, SH23b, Sar21b, STEK17, STEK22, SL20b, SL22b, SPSV20, SL22c, SL23, SMAY22, SCdHJ20, SMRW22, SQSS20, SACT21, SZQS23, TZ21, TLKK23, TZNHD20, TBST20, TBC20, TKR22, TS20, TL21, TEA+23, TPYX22, VRK21a, VMBS20, VVRWT21, WGW20, WZC21, WNB21, Wan22, WJK20, WKK23, WK23, WK24, WZBV20, WC23, Xin2a, XF21c, XG22, YL20, YCH21, YX22, YSC2, YW22, YK20a, Yin21, YFL21, ZW21, ZOW20, Z20, Zha22, ZXY22, ZC23, ZY23, ZL23, aKAK20, vGAT21, PRKS23].

Equation/Variable [PRKS23].

Equation/Variable-free [PRKS23].

Equations

[CCPS21, ADK+21, Ads22, AG21, AMB22a, AAMPR24, ARGK22, AST21, AZ22, AHWW20, AR20, AK21, AF23, ARR21, BDT21, BFP21, BL20, BT21, Bal20, Bal21, BBH+20, BGN22, BDS23, Bar21a, BFM21, BBB23, BB23b, BM21, BCIT22, BGGM21, BL21a, BK23, BP22, BKY21, BWG+20, BDP3a, BDL+20, BP21, BGS+22b, BLK+23, BJL21, BPVE24, BSK+23, BM24, CCE+22, CMR21, CKL23, CP22a, CZ22a, CL22, CHT20, CHSS20, CC20a, CRO+20, CCWX22b, CJ22, CDX22, CN22, CXX23, CSS20, CLO20a, CCT22, CCE+21, CBRY21a, CBRY21b, CK21, CP22, CY23, CS20, CXX23, CGM+23, CX22a, Coc20, CCHS20b, CA22a, CCdS20, Cs22, CESS20, DEN20, D22, DM21, DC23, DS22a, DLP21, DCG20, DH20, DLY23, Don23, DYM20, DOQ23, DGW20, DZ22, DZ23, DFG20, DT20, DV20, DFP+21b, ELL+23].

Equations

equations

[LD20a, LCJ20a, Li20, LCSZ21, LZZ21b, LG21, LH21, LY22b, LLO22b, LQX22b, Lz23, LLLZ23b, LWF23, ILTZ20, LP23a, LNYD20, LCT23, LBT+23, LW20a, LSLH20, LF21, LZLS21, LW21, LP22, LWYY22, LM23b, LJS+23, LZ23, LMFV22a, LFV22b, LY23, LM21c, LLS20, LP20b, LM20c, LL23b, LL23c, LCJ+20b, LZCC22, MSC+20, MD20a, MCF23, MTK22, MRK+20a, Mar20, MHLR22, MOBR22, MPZ23, MB21, MYL21, MTB22, MZ23, MM21c, MM22, MDF21, MBM+23, MHY20, MMM23, NCQ22, NV22, NGZ22, NY22, NG20, NW22, Nor22b, OMP22, OY21, OWHN22, OBB22, Os20, PDM23, PWH22, PCB21, PCB22, PZ22, PB20b, PAA23, PCQL20, PHX23, PA20, PPHO22, QG21, QWZ21, QLY21, QW22, Ran22, RWQX23, Ren21, RS23b, RC20b, RN23, RAB23, RRHH+21, RRFK+21, SLF23a, Sac22, SKT20, SHS+20, Sem21, SDKL21, SWF21, SSS20, SSSX23].

equidistribution

[KH20].

equifinality

[GSOM23].

equilibrates

[MX22].

equilibria

[HP22a].

equilibrium

[AAM20, BJ23, CSCL20, CSS20, EM20, EFR21, FTK23, GLJB20, GN23c, HIJL20, JTT22, MSIM21, NKT21, PFC21, SVW21, Sim23, TZ20, LWL+20, YhCj+23].

equilibrium-diffusion

[CSS20].

equilibriums

[DNO23].

EQUIP

[CHSS20].

Equivalence

[MMPD21].

equivalent

[HCL20, MBDS23, MMRP22, YcD23].

equivalent

[GDLL22, HZ23].

Erdos

[CY21].

Error

[LCG22a, QZHD23, RW23a, ZPK22, ALL22, AR21, BGG22, COR+23, CHG+20, CMH20, CG22, CZC23, CX22a, DMC+23, DM23c, EFS21, GF21, GZ21, HGB20, IW23, JO22, LRV22, LK21, LTM+22, LNM20, PV20, SL22a, SBJ+23, SM21b, SM22, TL21, VM22, ZHL21, ZLW23].

error-controlled

[SL22a].

Error-correcting

[LCG22a].

Error-optimized

[ZPK22].

errors

[BSR20, FA22, GE-WD22, KK22b, STB+21, WS22, XLT+20].

ESAV

[GLLM22].

ESAV-Hermite-Galerkin

[GLLM22].

escape

[Sab20].

ESERK

[MVK20].

ESI

[LL21d].

ESI-SAV

[LL21d].

essentially

[BSA22, GLF23, HLA20c, SK20, WTZZ23].

estimate

[KNT22].

estimates

[Gri20, KS22c, KS22b].
[TT20, BLL19, BLL20, BCG+20, BS20, CGJM21, DM23c, EKPS23, GSOM23, HB21, JO22, KC20b, KNP20, KBC22, LCG22b, LCPW23, LT20a, LAMC24, POS+20, RLL22, RBC+23, SM22, VM22, WK24, XLLH21, ZHL21].

estimator [GTDB22, WW20a]. estimators [BLWL22, ZS21b].

ETD [ZYZ+23]. Euler [BLL20, BLL19, Bal21, Bar21b, BBB23, BB23b, BDL+20, BJL21, CBBI20, CGM+23, DC23, FX22, GMRS20, GGB20, GG+23, HRRHG21, HBF22, HTLY23, IK23b, JTW22, Kem23, KR23, LP20a, LD20a, LCJ20a, LG21, LCT23, MS20b, Nor22b, PRL22, Ran22, RWQX23, Ren21, SEG21a, LF24a, Sva21, TPY20, WZT22, WK+22, YMY+21, YSN23, ZA20, ZS21a, ZL21b]. Euler/Navier [WZT22].

Eulerian

Evaluating [DHMT21, AZV23]. Evaluation [GJL20, KCD+23, AMW22, BFL20, CCM+22, DKM+20, DDVO21, DGW20, DLY22, EM20, EASA23, FHWK21, FX22, GBC+20, GGY22b, HLA20a, HSXZ21, HQ22, JN20, KKS21a, KVH20, KBS+21, KWR+23, LB24, LG22, LPL+22, LZX+22a, LQXM22, MJ23, NCQ22, NFL+21b, PM21a, PJW21, QJQW22, QJL23, REC+22, RMJ23, RRPS21, SOSM20, SRTB21, SMY22, SSP22, TKR22, WWYC21, WZL21, YL21b, ZXX23].


evolution [BB20b, CL20d, TFCH22, YA21, YGL20]. Ewald [BTZ3]. Exact [LP21, Miül23, WHN+20, AMB22a, FML21, LXY23a, PWXY22, Per23, PP22c, SEG21b, SEG22, THH22, AFF+23]. exact-interface-fitted [PWXY22]. exactly [BDZ23, CLLL20, DN21, FZB+23, HR20, WDS22].


Expansion [WK20, BON23, CB23, CZ22b, DBC+22, HHVM20, Kus20, LP+20, Mon21, PDM23, TBST20, WCZ+20].

examples [DHMT21, GKD23, TBSH21, TPSN20, VBA22, WK20].

expensive [WLS22]. experimental [BJW20, Gla21, SM21b, SLOZ21b]. experiments [GMMS22, PC22, RA21].

Formulations

Forward [CCMC20, BS22b, BJW20, CZ22a, CY22a, CCB22, FCY20, GGM23, GWZ22, LG20, LWZ22, LMK21, PMS23, PC21, PSM20, QQ21, VAK20, YMK21, ZZZG23].

Four-way [HC22, KFS20a, LH20b, HSR22, JRD22, LW22a, MZ22, OGG20, PS23, XY20a, YLNT20, YW21, ZL21, ZZZZ22, Yua21, ZJZK20, ZOG21b, ZM22, ZSM22, ZJ21].

Four-phase [HC22, KGN22].

Fourier-based [AWP23, AWP21, BHT21, BHV22, CBA22, CFY20, FMT23, GGM23, HSR22, HTH20, HSP20, JRD22, LW22a, MZ22, YLNT20, YW22, ZL21, ZZZZ22].

Fourier [AWP23, AWP21, BHT21, BHV22, CBA22, CFY20, FMT23, GGM23, HSR22, HTH20, HSP20, JRD22, LW22a, MZ22, YLNT20, YW22, ZL21, ZZZZ22].

Fourier-based [AWP23, AWP21, BHT21, BHV22, CBA22, CFY20, FMT23, GGM23, HSR22, HTH20, HSP20, JRD22, LW22a, MZ22, YLNT20, YW22, ZL21, ZZZZ22].

Fractional [BHNS23, SW23, PS20, QQ21, VAK20, YMK21, ZZZG23].

Fractional-step [BHNS23, SW23, PS20].

Fracture [BBV23, BVR22, DMD22, Cbi23b, Da22, DAZ22, HSC22, KSW22, ND20, NL22, RQ20, SBV20, WY22a, WY22b, XYZ21, ZHP21].


Fracturing [BBV23, BVR22, DMD22, Cbi23b, Da22, DAZ22, HSC22, KSW22, ND20, NL22, RQ20, SBV20, WY22a, WY22b, XYZ21, ZHP21].

Fractured-porous [PP20, PP20].

Fractional [BHNS23, SW23, PS20, QQ21, VAK20, YMK21, ZZZG23].

Fractional-step [BHNS23, SW23, PS20].

Fredholm [H22].

Free [ADK21, ABH21, ASG23, BRZ23, CDL21, CGJ21, KNN22, C22, CM22, DLY23, DW20b, EFR21, EL22, FZB23, Fu20, GQF23, GMMS22, GDB23, HNS20,

free-boundary [EFR21, MZ22].

free-energy [MRK +20c, NMR +21].

free-energy-based [HT21b].

free-flow [SGW +23].

free-stream [ZZZH23].

free-surface [GQF23, HXQL23, JKZS21, LZT +23, LMZ +21a, MSK +22, Pop20, SHM +23a, YYJ +23, ZYL23a, ZZZH23, ZIMA24, ZYY23, ZY24, vdEW23, PRKS23].

freedom [PZZ +23].

freely [SK23a].

freezing [LWZ +21, SDP20].

frequencies [FCGKR23].

Frequency [vHG +22, AMG23b, Ani21, CBF22, EJ23b, GLT +20, HHIK +23, ILX22, JL21a, KP23a, KF23, LE21b, LL23b, MGA20, Shi23, SH22, SZ21, TBM22, TZNHD20, XSC21, YCC +22, ZSST23].

Frequency-dependent [Shi23, XSC21, ZSST23].

frequency-domain [AMG23b, KP23a, TBM22].

Frequency-robust [vHG +22].

Frequent [SYC +23].

frequential [PR24].

friction [CFS +22, GBLT20, WWYC21, YXY21].

frictional [BDMP22, MCT21].

Friedrichs [OKTD21].

friendly [BZC +22].

front [BTCV22, GEvWD22, GHE +23, HW23, IKP22, LTBM23, SLBH23, TZ21, FO22].

front-tracking [BTCV22, HW23, IKP22, SLBH23, FO22].

fronts [CNB +23, Liu21].

Frozen [HXZ23, HRMY20].

FSC [EPL21, EPL22].

FSI [BCPV21].

FSISPH [PR22].

FT [GB22b].

FT-GCR [GB22b].

Fuchsiain [BL21a].

Full [AN21b, EdCC +23, EGG22, AT20, AMG23b, AL21, BS20, DKM +20, DW21, Dup21, LMHL21, MCBA20, QCWC23, TMZ +20, YWN20].

full-body [QCWC23].

full-field [YWN20].

full-potential [Dup21].

full-range [MCBA20].

Full-waveform [AN21b, EdCC +23, AL21].


fully-decoupled [CY22b, Yan21c].

fully-discrete [GTWJ24, HHS22].

fully-implicit [TH23].

fully-ionized [CMS +22b].

Function [BB21, BB23a, CJT +20, CL20c, DYM20, DFJ20, GMB +22, GKR22, GKNÖ23, HZTN21, HYM20, JYY22, KLN20, KL22, LSC20a, LLLL23, LYS +22b, MGL21, MK20, Ste22, TVL +22, TPYX22, WCC23, YDC22, ZCH22, ZCYS20, ZY24].

function-based [LYS +22b, ZCYS20, ZY24].

functional [AFL22, BGSP22, LRVF22, MYM +22, RPDO +21, TMG20, VFK21, WZ21a, YB22].

functionalized [ZOWW20].

functionals [CX22a].

functions [ABBG23, Bar21a, BFL20, CLL22, MCC24, CCM +22, CHKL23, DN21, DW20b, FZS +21, FFL +23, FL23a, GJL20, GD21, Hac21, JKK20, KKN20, KL24, KEY20, KB22b, LCL22a, Li22, LR23, MO22, MMKM24, Per23,
PKL$^{-21}$, PRPK23, PKK22, WQZP20, WSAZ22, WGH23, WWZ20. fusion [BS22b, PGR$^{-23}$].  

**FV** [BBD$^{-20}$, NCQ22, PWH$^{-22}$]. **FV/FE** [BBD$^{-20}$].

**Galerkin**

[LMFV22a, ZCQ20a, ADK$^{-21}$, AdS22, AÖR22, ARR23, ALM23, AMM$^{+20}$b, AMM20a, ADM22, AM22, AHWZ20, AMM23, BL22a, Bal20, Bal21, BRT22, BZSF20, BCF22, BGGM21, BKY21, BWG$^{-20}$, BBMA23, BNN20, BDP23b, BV20, BPVE24, BX20, CHS20, CQY$^{-21}$, CBQ21, CWW22, CK20, CLW22, CLDC20, CTG23, Che23b, CZL20, CKLM$^{+23}$, CBBI20, CI21a, CI21b, CX22a, CX22b, CCB22, CCN23, CMRR21, DEN22, DY22a, DCGQ20, DH20, DHR20, DMC$^{-23}$, DY22c, DSZ22, DT20, DK21, EM20, EH22b, FMWK20, FHWK21, FGKY22, FCL21, FX22, FCY$^{-20}$, GQR21, GK20, GMSLC24, GAB22b, GC20b, GAC20, GHTC21, GLL22, Hac21, HMV22, HYQ20, HTL21, Heu21, Hig20, Hig22, HSMR20, HQ22, HR20, HLY20, HABG23, HLQZ23, JTW22, JKJ20, JK20, JJ21, KNLB21, KGBT20, KR23, KMF23, KSBG20, KMF20, LCS22, LTD$^{-22}$, LSXC20, LWR20].

**Galerkin-Finite** [GAB22b, MYJ$^{-23}$].

**Galerkin/Hermite** [BCF22].

**Galilean** [LM21a].

**Gappy** [NS23].

**games** [ALFN22, FLOL23, HYCL23, LFY21, MYZ22, YLLO23].

**gaps** [BCJM20].

**Gas** [Cap23, LLZ23c, MA21, SDA$^{-21}$, BAT23, BJC23, BTKP24, CPX21, CPX22, CZL20, CCE$^{-21}$, DEvW20, EM20, FZLL20, GMNY23, GAB22b, HGH20, HLA22a, JZSX20, JZSX24, Kem23, KWCS23, LVK$^{-22}$, LCJ20a, LLZ$^{-20}$a, LLQC21, LLQ$^{-23}$, LZX20, LJC$^{-20}$b, MZC$^{-22}$, NBR22, PZX20, PZX$^{-22}$, PR20, SH23b, SHER20, SYL23, SYC$^{-23}$, SSS20, SKCM22, SGLP23, SZW$^{-20}$, TZM$^{-20}$, Ufi20, Ufi21, VFB23, WNZ20, WCP23, WZX24, WA23, WABK21, WLZP21, XLC20, XCL$^{-21}$, YGW$^{-20}$, YJSX22, ZCYS20, ZS21a, ZL21b, ZLW$^{-22}$a, ZWLG23, ZZ20a, ZJSX22, ZG20, ZPS$^{-21}$].

**Gas-dust** [SDA$^{-21}$].

**gas-gas** [CZL20].

**gas-kinetic** [CPX21, CPX22, JZSX20, JZSX24, LCJ20a, LLZ$^{-20}$a, LLQC21, LLQ$^{-23}$, LZX20, PZX20, WCP23, WZX24, WLZP21, XCL$^{-21}$, YJSX22, ZL21b, ZLW$^{-22}$a, ZWLG23, ZJSX22].

**Gas-liquid** [MA21, WABK21].

**gas-particle** [MZC$^{-22}$, TZM$^{-20}$].

**gas-water** [CZL20].

**gaseous** [SFP$^{-20}$, WTZB23].

**gases** [FHJ22, OBB22, WLZP21, XYL22].

**gauge** [HJK$^{-21}$].

**Gauss**

Gauss/anti-Gauss [PPHO22]. Gauss/anti [PPHO22].


General [CD22, SOSM20, ZPS+21, AT20, ASW21, ACE+22, Aro20, BD20a, CS20, DGGL22, GYWH20, GKNÖ23, GKA22, HK20, KAO+20, Len20, LHS22a, LHA+21, NNL+20, PGTS21, RBRPST20, Sha21, TT22b, TT23, YSC23, YH23, ZML20, ZW22, ZZZ20]. generalizable [ZXLH23].

generalisation [GCSH22, RR21b]. General [CD22, SOSM20, ZPS+21, AT20, ASW21, ACE+22, Aro20, BD20a, CS20, DGGL22, GYWH20, GKNÖ23, GKA22, HK20, KAO+20, Len20, LHS22a, LHA+21, NNL+20, PGTS21, RBRPST20, Sha21, TT22b, TT23, YSC23, YH23, ZML20, ZW22, ZZZ20].

Generating [CP22b]. Generation [KKN20, ADM+21, BGR20, CL23a, KL20, KKM21, LPS21, MN22, VCNC+21, WWN+22, YJK21, YkhdC20].

generative [GN22, KS22d, RK21, WW20a, WD23, WKA+20, XZ22]. generator [PWXY22].


[CAT20, CSLC21, JG21, OCGT22]. *ghost-point*
[ACR23, Coc20, CMS23, LL23a]. *Gibbs* [CS21b, RS20c]. *Gilbert*
[CCWX22a, LXD+20, YCH21]. *GINNs* [HTKT21]. *Ginzburg*
[HMXC23, ZOG21b]. *given* [PGS22]. *ghost-point*
[ACR23, Coc20, CMS23, LL23a]. *Gilbert*
[CCWX22a, LXD+20, YCH21]. *GINNs* [HTKT21]. *Ginzburg*
[HMXC23, ZOG21b]. *given* [PGS22].

[ST24]. **Helmholtz** [BRT22, BNT23, CE21, CCM+22, DMRG22, DJ22, FJH20, GLK21, GRKRS22, JL21a, JWH20, LJ22, MBAG21, MCF23, SML20, SACT21, TZNHD20, TGB20, TY24, WCY20, YRC21, YCC+22]. **Helmholtz-curl** [YRC+21]. **Hemodynamic** [AP20, HSXZ21].

SEG22, SRV21, SAP22, SLF23b, SFNMF+21, SS22c, SZ21, SP23, SSS22, TFWX22, TTY22, TCS22, TL20, TWY23, TCA21, TJC21, TZNHD20, TJM23, Ui20, VVWT21, VOL23, VSB+22, WGY20, WTX+21, WTZZ23, WCP23, WABK21, WZB20, WGY+21, WLLZ21, XZ22, XDLX21, XHZ22, XCL22, XBRL21, XHLH23, YSCM21, YLW21, YJSX22, YOH+20, YCC+22, YWLL21, ZBYZ20, ZB21b, ZZ22, ZCZ22, ZLG+23, ZVY21, ZCY23, ZML20, ZL21a, ZL21c, ZC22a, ZC23, ZYZ+23, ZHR20, ZJSX22, ZJSX23, ZBY+23, ZSQ21, ZLW22b, ZO21, ZOEL20, dLF23, vNGB22, Der23].

high-contrast [AH21, RSA+20]. high-dimensional [ALFN22, BCWD21, BPVE24, CNBH23, CL20b, DV20, DV21, DJID20, EHL+20, GW23, GY221, HZD21, HGSK22, KTBP20, KV20, KL+22, LRL23, LD22, ORCVG24, TTY22, TL20, TWY23, XZ22, XCL22, ZBYZ20, ZZZ22, ZCZ22, ZC22a].

high-frequency [ZYZ+23]. high-Mach-number [vNGB22]. High-order [BGH20, BKC23, CPX22, CF21, DY22d, DT20, DT21b, DT22c, FHWK21, FL23b, GCDT22, GLY20, HPPZ20, HRWP22, HNZ23b, HJQ+23, KS22c, KS22b, KL22, KK21, LCL22a, LJW+22, LVK+22, LMS23, LSZ23b, LH20, LSY+23, NFL+21a, NFL+21b, NBR22, NKW22, PZX20, Pan20a, PP22b, PBN+21, PSCK23, PGMT23, RMWS21, Say22, SBL22, XBH+22, XM20, YU22, ZDT23, ZQS20, ASG+23, ADP22, AP20, AZV23, AMM+20b, BBH+20, BL22b, BL21b, CDK+23, Cam21, CPX21, CBF22, Cha23, CND22, CDN+22, CLP21, CCB22, CCdS20, CMRR21, CNMCM21, CA22b, CCLM22, DHM21a, DS22a, DC21, DHR20, DY22b, DY22c, DK21, DGW22, DWM23, EDEV23, FMWK20, FML21, GDL21, GLF23, Gla21, GDB20, GZW20b, HMV22, HGF20, HKRS23, HL20a, HZ22b, dMKJ+22, IW23, JZX20, KS23, KBB21, KLF22, KdMJ+22, KdMJ+22, KdMJ, KL22, KdL20, KV23d, LCJ20a, Li20].

higher [LLQC21, LCR22, LLZ23a, LLQ+23, LRW21b, LM20a, LS23, LYS+22b, LSCL+20, LN24, LZC22, MHW22, MGA20, Mon21, NS22, Nic22, NGK+21, PWL+23, PPP21, PM21b, PS22b, PD21, QG21, RUG20, Ren21, SMSAGG22, SEG21b, SEG22, SRV21, SWF21, SAP22, SS22c, TFWX22, TJC21, VVWT21, WGY20, WTX+21, WTZZ23, WCP23, WABK21, WZBV20, XDLX21, XBR21, XHLH23, YSCM21, YJSX22, YOH+20, ZSPZ20, ZCY23, ZML20, ZL21a, ZC23, ZJSX22, ZJSX23, Der23].

higher-order [PM21b]. high-plasma-frequency [ZS21].

higher-resolution [HKS20, KIHB21, PAA23]. high-Reynolds-number [YFW21]. high-speed [DLI+23, HBFB20, HZ22b, NKA+20, ZBY+23].

high-throughput [ZO21]. Higher

[ASVL23, BBW+21, MMKM24, VVL21, VK22, YGL20, ZF20, BL20, CS22, DYGC22, GM23a, GCSH22, IMJ20, JWZ23, PH22, WHS22, YK20b, ZQS+21].

Higher-continuity [MMKM24]. Higher-order

[ASVL23, BBW+21, VK22, YGL20, ZF20, CS22, DYGC22, GM23a, IMJ20, PH22, WHS22, YK20b, ZQS+21]. Highly
LMZ\textsuperscript{+21a}, LM21c, MGP\textsuperscript{+22}, MTK22, ME22, NKW22, OYK\textsuperscript{+22}, PWL\textsuperscript{+23}, QPW21, QJQW22, RPA22, RRHCG23, RRG24, SDA\textsuperscript{+21}, XLHB22, XZC21, YKLL21, YTK22, ZRH20, ZZZH23, ZBY\textsuperscript{+23}, ZAA23, BZC\textsuperscript{+22}, FQS\textsuperscript{23}, HP21a, KEY20, LZPM22, LFI\textsuperscript{+22]. hydrodynamics/radiation [LM21c]. hydrodynamics/radiation-moment [LM21c]. hydroelastic [ZSL\textsuperscript{+23}]. hydrogel [LZX\textsuperscript{+22a}]. hydrogenic [HSB20]. hydrostatic [CN22, GMMS22, Lee21, LP21, Pop20, RWdBAG23]. hyper [CGJM21, CJW22, HSH20, ZXY22]. hyper-reduced [CJW22]. hyper-singular [ZXY22]. Hyperbolic [GKPT22, YcD20, YcD23, BKC22, BB20c, BL22b, CEMO21, CPGD21, CE20, DD22b, DLW22, DSZ22, GCLM22, GKI21, GS23, GPS20, HVD23, HHN\textsuperscript{+21}, HJLZ23, JHT23, Kiv21, KNG22, KGN22, KMF20, KWF20, KdL20, LZZ21a, LSL21, LF24b, Lin21, LWZ23, LD20b, LsCxL\textsuperscript{+20}, LA21, LSTZ21, LpW21, MD20a, MN21, Mar23, MYM\textsuperscript{+21}, Nic22, Nis20b, Nis21, NG20, PMT\textsuperscript{+22}, PGCC\textsuperscript{+22}, QZHD23, SSK20, SLWRG21, SGB\textsuperscript{+21b}, SAP22, TFWX22, TSTH20, VLV21, XS22a, XS22b, XS23, XGQ\textsuperscript{+23}, XM20, ZZ23b, ZHR20, ZH20, ZCQ20b, ZQ20, ZWQG23]. Hyperbolicity [DEN22]. Hyperbolicity-preserving [DEN22]. hyperelastic [BV22, LQXM22]. hyperelasticity [BLM22, FB22, TCR\textsuperscript{+20}]. hyperparameter [DY22b]. hyperreduction [DY22c, WZ23a]. hypersonic [BEP\textsuperscript{+20}, CCMC20, FCW21, PSCK23, PPB23]. hyperviscous [LCP21a]. hysteresis [ZSsC\textsuperscript{+22}]. hysteretic [YZK20].

IBM [LOL22, LWZ\textsuperscript{+21}]. ice [CPTR23, CFM22, HPH\textsuperscript{+23}, IL23, LGL23a, MK21, hSMLS23, TTP22, ZMY23]. icosahedral [CIMG21]. icosahedral  [CS21a, CMS\textsuperscript{+22b}, DevW20, DT20, LZLS21, LF23, MSC\textsuperscript{+20}, OBB22, RRHCG23, WGS23, ZYD20]. ideal-gas [DeW20]. IDENT [HLK\textsuperscript{+23}]. Identification [AP21, JP22, BSCG22, HCF\textsuperscript{+23}, KLP22, NCC21, ZL201, HNH\textsuperscript{+23}]. identify [MNG\textsuperscript{+22}]. Identifying [CDJM21, GGN\textsuperscript{+20}, TLKK23]. identity [TL21].

IEQ [Yan21b]. IGA [LEMK21]. II [BOB21b, CEL\textsuperscript{+20}, CPX21, CKLM\textsuperscript{+23}, CBRY21b, DZ22, DZ23, KGN22, LLO22b, LQX22b, LR24, RRHH\textsuperscript{+21}, TT23, TV22, YK20b]. II. [HJJ\textsuperscript{+21}]. III [LLZ\textsuperscript{+20a}]. illustrations [BBL23]. illustrative [BLL23]. Image [ZBB21, MTB22, YM20]. image-based [YM20]. imaging [LY222, Par22, WGB22, YSTK20]. IMEX [YGJ21a, BDL\textsuperscript{+20}, BP21, KBT20, OBB22, PCQ20, TPK20, YGJ21b].

IMEX-DG [OB22]. IMEX-LDG [PCQ20]. Immersed [DNW23, KBSF22, KnD\textsuperscript{+22}, LML22, Vrc20, Vrc21b, ALM23, ACLZ20, BBGT21, BKBK21, CDMS21, CBCT\textsuperscript{+21}, CQY23, CW22b, CFJF23, CAT20, Chi23, CSL21, CSD20, CPBB21, CL23b, DHK23, Eld22, FDH\textsuperscript{+24}, GGCvR22, GOF23, GF21, GL20, GLL20, GZ21, HP22b, HW23, IK29b, JHY21, JZ20, JGvR23, JDB\textsuperscript{+23}, JG21, KM22a, KBG23, KSH22, KBCG20, KCT\textsuperscript{+23}, KdMJ\textsuperscript{+22}, DF32, KKY\textsuperscript{+21}, KJ20, KKJ21, LS22, LG22, LHT21,

J [Abg20, ACML20a, BLL20, EFO20, GRT21, HPA22, LMVF22a, MM22, SZN20, SYOS21, STEK22, SS22b, Vre21b, Vre21a, YGJ21a, ZCQ20a, ZC22b].

Jacobi [BCMJ20, CSY20, DM21, FPT20, GHTC21, HA21, KNT22, LPP+20, MYL21, PKL+21]. Jacobian [CT22, GDB23, HBBF20, LL21a].


JSC [DSA23]. July [Ano20f, Ano20r, Ano21f, Ano21r, Ano22f, Ano22r, Ano23f, Ano23r]. Jump [KMF23, BG20b, Cal21, CK21, CCdS20, MST23, WZW21]. jump-diffusion [MST23]. junctions [GLJB20]. June [Ano20g, Ano20a, Ano21g, Ano21s, Ano22g, Ano22s, Ano23g, Ano23s]. justification [BBL].

k-exact [SEG21b]. Kak [DZC+23, YZdCNS21]. Kalliadasis [Abg20].

Kalman [MLCM22, BJ21, HST22b, HSS22, JL22, MLCM21, SSW22, WLZ+24, ZMSX20]. Kapila [ZC23]. Karhunen [LT22b, TBH21, TBST20].


kinetic-ion [SC22b]. kinetics [AGR23, AC23, KOM+22, KAC22]. kink [HCL22].

KIOPS [GRT21, GRT18]. Klein [AZ22, CY23, GLLM22, JWC20, LSH23b, NM21, SQ22, SJ21].

KNOSOS [VCPGR20]. knowledge [CHZ+21]. knowledge-based [CHZ+21].


Kutta [ALMF23, ADP22, AC23, BD20a, BM24, CBQ21, CdS22, FY22, GMA23, JLQ21, KBCH20, KSS21, KS22b, LNP20, Mar20, MYM+21, NC22, NS22, NN21, NV22, SM22, SW23, S23, VLV20, VN21, Ver23, YXY2, ZQ20, ZHR20, ZH20, ZQ20].

Kutta-Summation-By-Parts [LNP20].


Lagrange [BL20, AST21, BLL19, BHK+22, BTM24, CB22, CC22, GMSLC24, HBF22, H23a, LSQ23b, SG21, ZSK22].


leapfrog [CSASS21]. learned [CGZ23]. Learning
[WGSX23, CCL20]. learning-enhanced [CNBH23]. learns [MK20]. Least
[CA21, GTA20, GKA+22, LBZ21, CCL20, CZCY23, DVS22, GL23, HWDM22, JY20+20, LC21, LSZY20, PC21a, PR23, SMSAGG22, TB21, Wan22, WGSX23, ZC22b, ZC22c]. Least-Squares
[OKT21]. library [XZ20, CD22]. Lie [CC22b, ZOG21b]. Liénard
[BLK+23, CL24, HLS20, NT20, Poe23, ZT23]. likelihood
[EKPS23, PWB24]. likelihood-free [PWB24]. limit
[BPT+20, CLY21, CSS20, DW20b, JTZ22, KCK21, LLZ20b, SZ21].
Limitations [CSA21, LR24]. limited [BAT23, DLMZ22, DGPP22, KBC22, LDC23, Par22, Per23, RHG22, YYL20, Yin22]. limited-aperture
[DLMZ22, Par22]. limiter [DSZ22, DK21, GK20, LWR20, ZZ23b]. limiters [CBY23, ZQS20]. Limiting
[BAT23, CLY21, CSS20, DLMZ22, DGPP22, KBC22, Par22, Per23, RHG22, YYL20, Yin22]. limitations [CSA21, LR24]. limited
[BAT23, CLY21, CSS20, DLMZ22, DGPP22, KBC22, Par22, Per23, RHG22, YYL20, Yin22]. limited-aperture
[DLMZ22, Par22]. limiters [DSZ22, DK21, GK20, LWR20, ZZ23b]. linear-scaling
[TPYX22, WZBV20]. linearising [ILX22, Nor22a]. linearity
[MCC+20, PWXY22]. linearization [AFK+23, MMYT23]. Linearized
[NNJ21, HBFB20, IK23b, LSW20, ZHY22]. Linearly
[LLZ23a, CS20, FBG20, JW20, Li22, San20]. lines [BN21, TBG20]. lists [Ale23]. liquid
[FW22]. lithium-ion [FW22]. Load [WY22b, TTSP21, WY20]. Load-balanced [WY22b, WY20]. load-balancing [TTSP21]. loading
[MM21a, WQ20]. Lobatto [RRFK+21]. Local
[Alu22, BBTD21, CP22a, CCH+23, CCCH23, SCS22, Xia21, ARC22, AdS22, BDT21, BCR22, BCD22, CS20, CV23, DCA+22, DCG20, DMC+23, GD21, GHTC21, GN3c3, HVM22, HVD23, HT20, Hua21, KLN20, KL22, LSXC20, LW20a, LW22b, LYS51, MS20a, Mis23, MGA20, NKA+20, PLL+21, QPW21, SRH21, TCS22, TSD020, VSB+21, VBA22, WGS23, WGU+22, XFL21, XLZ21, XCL22, YZH+23, YAX20, Zha22, ZPW+23, ZL22]. Local-basis [Xia23]. localization [BNT21, BSV20, QC23]. localized
[AL20, CGLZ23, C1T+20]. lock [GMMS22]. lock-release [GMMS22]. LOD

Loop [MLCM22, RSA+22]. loosely [BGQ+23]. loosely-coupled [BGQ+23]. Lorentz [BRT22, MBAG21, PBCL20, WHL21, Yan23, ZPK22].


Maxwell-Schrödinger [Suk23].

Maxwell-Stefan [FM20].

May [Ano20i, Ano20u, Ano21i, Ano21u, Ano22i, Ano23i, Ano23u, Ano22u].

MBE [YWCL22].

MC [Poe22, Poe23].

MC-gPC [Poe22].

MCMC [LTK+22, SPdS+21, WDL21b, WDL21c]. ME [EPL22]. ME-FSC [EPL22].

mean [AXWF23, ALFN22, BDMT22, BPT+20, FLOL23, GD20, HYCL23, LCG23, LW21, LFY21, LLO22a, MYZ22, VSBind, YLLO23, ZEG20].

Mesh-Conv [HZ22a]. mesh-free [WZ20]. mesh-incorporated [MKHI20]. Mesh-independent [Bat20a]. mesh-refined [XLZ21]. meshes

[ACÉ+22, AR20, AWB+21, AE20, BGF20, Bar21a, BBPR21, BG21, BFT22, BGS22a, BD20a, BCP22, BL21b, C2K20, CP22b, CW22a, CSY20, CRF+21, CCB22, CF20, DBT+20, DS22a, DD21, DNO23, DSZ22, DK21, FADJ20, GBC+20, GYW20, GHY22a, GK20, HW20b, HLQZ23, IMJ20, JBF21, KKS21a, KKS21b, KSI+23, KFSM21, KRL21, KHM+23, KLB23, KOS23, LM20a, LS23, LWZH23, LMN20, LHF20, MYJ+23, Mar20, Mar23, MRS20, MW22, NNL+20, PP22a, PP22b, PBGB21, PD21, PGTS21, RGR21, SAS+21, SC22b, TNSF23, Tso23, VRAM21, WZZ23, WZL21, XY20b, XM20, YWC22, YCH21, YK20b, ZCQ19, ZCQ20a, ZML20, ZL21a, ZL21b, ZJ22, ZLW+22a, ZCCN23, ZS20, vGAtTBI23].

EHW21, EM20, Eld22, EH22a, EPL21, EPL22, EMS+21, FTP20, FA22,
FTY+22, FDK+24, FZLL20, FJH22, Fei23, FZ20b, FLW20a, FMS21, FFL+23,
FBS23, FBG20, FAHA20, FGD+21, FHT21, FZ23, FMJ21, FMOJ22].

method [FM23b, FM23a, FMB20, FGL+22, FPT23, FCM20b, FZ21, FCL21,
FX22, GGCvR22, GN23a, GJLD22, GMB+22, GHY22a, GLSZ22, Gao22,
GQF23, GL23, GTDB22, GGB20, GGB22, GHY22b, GSOM23, GTWJ24,
GDAP20, GA20, GU20, GKB23, GP23, GOF23, GH23, GGN+20,
GF21, GLCS23, GMNY23, GLWY22, Gao22, GQF23, GL23, GCL23,
FX22, GGCvR22, GN23a, GJLD22, GMB+22, GHY22a, GLSZ22, Gao22,
GQF23, GL23, GTDB22, GGB20, GGB22, GHY22b, GSOM23, GTWJ24, 
GDAP20, GA20, GU20, GKB23, GP23, GOF23, GH23, GGN+20,
GF21, GLCS23, GMNY23, GLWY22, Gao22, GQF23, GL23, GCL23,
FX22, GGCvR22, GN23a, GJLD22, GMB+22, GHY22a, GLSZ22, Gao22,
GQF23, GL23, GTDB22, GGB20, GGB22, GHY22b, GSOM23, GTWJ24,
GDAP20, GA20, GU20, GKB23, GP23, GOF23, GH23, GGN+20,
GF21, GLCS23, GMNY23, GLWY22, Gao22, GQF23, GL23, GCL23,
FX22, GGCvR22, GN23a, GJLD22, GMB+22, GHY22a, GLSZ22, Gao22,
GQF23, GL23, GTDB22, GGB20, GGB22, GHY22b, GSOM23, GTWJ24, 
GDAP20, GA20, GU20, GKB23, GP23, GOF23, GH23, GGN+20,
GF21, GLCS23, GMNY23, GLWY22, Gao22, GQF23, GL23, GCL23,
FX22, GGCvR22, GN23a, GJLD22, GMB+22, GHY22a, GLSZ22, Gao22,
GQF23, GL23, GTDB22, GGB20, GGB22, GHY22b, GSOM23, GTWJ24, 
GDAP20, GA20, GU20, GKB23, GP23, GOF23, GH23, GGN+20,
GF21, GLCS23, GMNY23, GLWY22, Gao22, GQF23, GL23, GCL23,
FX22, GGCvR22, GN23a, GJLD22, GMB+22, GHY22a, GLSZ22, Gao22,
GQF23, GL23, GTDB22, GGB20, GGB22, GHY22b, GSOM23, GTWJ24, 
GDAP20, GA20, GU20, GKB23, GP23, GOF23, GH23, GGN+20,
GF21, GLCS23, GMNY23, GLWY22, Gao22, GQF23, GL23, GCL23,
FX22, GGCvR22, GN23a, GJLD22, GMB+22, GHY22a, GLSZ22, Gao22,
GQF23, GL23, GTDB22, GGB20, GGB22, GHY22b, GSOM23, GTWJ24, 
GDAP20, GA20, GU20, GKB23, GP23, GOF23, GH23, GGN+20,
GF21, GLCS23, GMNY23, GLWY22, Gao22, GQF23, GL23, GCL23,
FX22, GGCvR22, GN23a, GJLD22, GMB+22, GHY22a, GLSZ22, Gao22,
GQF23, GL23, GTDB22, GGB20, GGB22, GHY22b, GSOM23, GTWJ24, 
GDAP20, GA20, GU20, GKB23, GP23, GOF23, GH23, GGN+20,
GF21, GLCS23, GMNY23, GLWY22, Gao22, GQF23, GL23, GCL23,
FX22, GGCvR22, GN23a, GJLD22, GMB+22, GHY22a, GLSZ22, Gao22,
GQF23, GL23, GTDB22, GGB20, GGB22, GHY22b, GSOM23, GTWJ24, 
GDAP20, GA20, GU20, GKB23, GP23, GOF23, GH23, GGN+20,
GF21, GLCS23, GMNY23, GLWY22, Gao22, GQF23, GL23, GCL23,
FX22, GGCvR22, GN23a, GJLD22, GMB+22, GHY22a, GLSZ22, Gao22,
GQF23, GL23, GTDB22, GGB20, GGB22, GHY22b, GSOM23, GTWJ24, 
GDAP20, GA20, GU20, GKB23, GP23, GOF23, GH23, GGN+20,
GF21, GLCS23, GMNY23, GLWY22, Gao22, GQF23, GL23, GCL23,
FX22, GGCvR22, GN23a, GJLD22, GMB+22, GHY22a, GLSZ22, Gao22,
GQF23, GL23, GTDB22, GGB20, GGB22, GHY22b, GSOM23, GTWJ24, 
GDAP20, GA20, GU20, GKB23, GP23, GOF23, GH23, GGN+20,
GF21, GLCS23, GMNY23, GLWY22, Gao22, GQF23, GL23, GCL23,
methods [WKW +22, WKK23, WZX24, WZ21b, XSC21, XGCW +20, XHX22, XSSS22, XCL +21, XS22b, XS23, YJH23, YYX21, YYLY22, YZK23, YK20b, YGL20, YH22b, YL24, ZX20, ZZZ22, ZCZ22, ZGLL20, ZOWW20, ZMSX20, ZWZL22, Zha22, ZXY22, ZHR20, ZZYX20, ZMW23, ZQS +21, ZQS20].


MgNet [CDX22]. MGRIT [SdSPS24]. MHD [BGW +20, CWX23, FZB +23, GGB22, HPW21b, HLX21, KK20b, LHF23, LZZ21b, LL22, LZLS21, LFW23, MSC +20, MD21, PHHJ22, RRHH +21, STC +21, TCK +22, ZHY22].


mimicking [MAPS20]. mimics [NG22]. minimal [LZLZ21]. minimalistic [Ale23].

mixing [AMK+21, JDB+23], mixture [SS23, SDA+21], mixtures [BR22a, CCN21, PAA21], MLS [REC+22], mobility [BST23, LZZC+23].
MOC [FSDM+22], modal
[CLW22, EM20, dMKJ+22, NdILPL21, SKCM22, WX20]. ModalPINN
Model
model
model
[WW20a, WCC+20, WNZ20, WCL+20, WWYC20, WCF+21, WCM21, WY22a, WY22b, WSA22, WZZ23, WLZ+24, W23a, WLZP21, WL21, XZ22, XJL23, XC20, Xie22, X23a, XY20b, XHY23, YHC+22, Yan21b, Yan21c, YRH22, YWCL22, YS23, YTWK23, YL23, YFY22, YKHF23, YM20, ZH23, ZHY20b, ZH21, ZW21, ZW23, ZC23, ZYL23a, ZZ23a, ZAW+20, ZZ23b, ZLB22, ZIMA24, ZAG20, ZHY+20, ZXD22, ZAA23, dZBDMC24]. model-based [GHNS21], model-data [DCS22].
model-form [HWDMD22], model-order [BVR22], modeled
[CGL+23, KH21a, KS21d, vNGB22, DA23]. Modeling
[CMS+22a, CDL+22, ELL+23, EDLC20, FS23a, GZ20, He22, KSH20, PBVC22, ZDC20, AYH+21, ASSZ21, AB23, AAPMR24, AHJ23, BHV22, Ben23, BABD21, BBH23, BBMA23, Cha20, CL20b, CHF21, CW21,

modeling [WCF22, WWFM22, WCZ22, WD23, WA23, WKA+20, XLLH21, XHLB22, XBD+20, XBRL21, XD22, YWN20, YZSD21, YRK+21, YZK20, YQO20, ZT20, ZSL+23, ZKY23, ZSL20, ZLW22, ZLW23, ZPK22, dv23a].

modeling-based [YZSD21]. Modelling [LBM20, Abg20, ACR23, BTEK22, BJR22, Cie20, DCHF21, FBD+22, IMJ20, LKV+22, SSG21, SW22, SDP20, VPL20, WR23b, XHLH23, YK24].

models [AP21, ASBM20, AMK+21, AMW22, APR22, BHW23, BGR20, BSCG22, BGS+22b, CDBS21, CDT22b, CL20b, CFM22, Che23b, CBA+20, CY21, DS23a, DS21, DEB21, EDEV23, FGGY23, FFGRLS+20, FY22, GPL22, GDBF2+20, GZ20b, GCD20, GWZ22, HbD20, HSK+21, HZ23, HJK+21, HNR23, HNZ23a, HLA22b, HCC22, HSG+22, IT22, ISM23, JD23, KMS20, KRG+23, KC20b, KS22d, KV23b, KFP+22, KLPR20, LCH20, LPS21, LSL20, LLM20, LT20c, MGV22, MFK21, NFB23, PRKS23, PBJ+22, PS22c, BB22, Poi23, RWdBAG23, RLH22, San20, SKP+21, SBC20, SL20b, SL22b, hSMLS23, SMS23, SM22, SPAC23, T20, TBST20, Tow20, TAVD21, VAK+23, WRH20, WLS22, WZSK22, XLLH21, XCL22, YcD20, YcD23, YJP23, ZA21, ZOG21a, ZHPZ21, ZXLH23, ZWB21, ZSKN22].


online monitoring [DZJ22, MMO20]. monodomain [WCF+21]. monolayers
[Cie20]. Monolithic
[ALMF23, PKC22, CPK22, CMS+22b, HSXXZ21, LHXZ22, XC23b].
Monotonicity [BB20c, LVK+22, YYLY22, GYWH20, OGG20, YM21].
Monotonicity-Preserving [LVK+22, BB20c, YM21].
Monte
[SXZ+23, ALF+22, BBQ+21, DZC+23, Fei23, GN23a, GP23, HLZ20, HJLZ23,
KO+22, KFP+22, KNP20, KSK21, LT22a, LCPW23, LGL23b, LMG+21,
LTK+22, LMUHR22, MRBS22, OGVMM22, PJW21, PZ20, PV20, PB22,
Poc22, RA21, SH23a, SGM20, SGM21, SSX23, Shi23, SBJ+23, SH22, TT20,
TBD+20, VM22, WPBS22, YS22, Yan21a, ZS21b]. Monte-Carlo
[ALF+22, PV20, RA21, SH22].
MOOD [BLM22, BL22b].
Mori
[LL21c, WRH20]. Morphological [WCA+20]. morphology [ZAMG20].
Morse [WKK23]. mortar [EFR21, ZL21a]. most [YR22].
motion
[Li21, LX21, NTSM20, OSZ21, PSJ23, SB23, Ume23, ZEG20]. movement
[PKSH23]. Moving
[GTKA20, GKA22, MKHI20, AR20, BBGT21, BFG22, BSW+22, BR22b,
CNB+23, CZZ21, CP22b, CZCY23, Coc20, CBC+23, DT21a, DT22c,
GBC+20, GLF23, GLCS23, HGZ23, HR20, HLRQZ23, KH20, KHM+22, LL20,
LW22, LW22a, LMZ21b, LJS+23, LMN20, LAN21, MSK+22, MMZZ22,
NGZD22, OB20, PD21, SM21a, SHL+20, TKB22, Vre17, Vre21a, WCF+21,
WZL21, XFL21, XS20, XLHB22, XLS22, XLT+20, YWCB22, YYB23, ZY20a,
ZPW+23, ZDT23, ZR20, ZCY+21, ZKY+20, vGAtTBI23, vdEW23].
moving-least-square [GLF23]. moving-least-squares [CZCY23].
moving-mesh [BR22b]. MPAS [CP22b]. MPFA [SWG+20]. MPI
MR-WENO [LWZ23]. MS [XHS23]. MS-XFEM [XHS23]. MsRSB
[BKMC21]. much [Giv23]. Multi
[ABH21, BPBM23, CCW20, DZ22, EPL22, GQF23, GKN23, HST22b,
KKY22, KS21b, LQ21, LW22, MBK21, MN20, MP21, ODM23, SH22,
SSX22, VKR+22, WZSK22, YDC22, ZJ22, ZBY+23, AF23, ACR23, Bar21b,
BS22b, BDB21, CS20, Cha21, CHS20, CLXS23, CDX+21, Cs22, DS23a,
DFJ22, DhJY+22, DYM2C0, DFJ20, DV22, EHW21, FS22A, FN22,
FBCD22, FTK23, GN23a, Gar21, HHK+23, HSM20, HZHL22, HLL23,
HV2D23, HPX23, Hig20, HHL22, HWM22, HD23, HS+22, Jai22c, JZX24,
JT23, KYO22, KS21a, KK22a, KFP+22, KD21b, LB24, LK22, LMG+22,
LPL+22, LWX22, LLQ+23, LZX23, LSLH20, LPZ22, LTK+22, LFL+22,
LN22, MZI+23, MS20a, MCP23, MK20, MVO+22, MD22, PZ22, PWL+23,
PAA23, PAA21, DM23b, QJL23, RS20b, RZH20, Sar21a, Say22, SL22c, SL23,
SX20, TYY22a, TYB2W2, VSS21, VGG23, VBB+23, WBN21, WWYC21].
multi [WZTZ21, WDS22, WZW23, XF21b, XF21a, XDLX21, XYL22,
YL23, YKdHC20, YZW23, ZZML20, ZRH21, ZW22, Zha22, ZY+23,
ZSST23, ZQS20, ZS20, ZSP+21, SAL+20]. multi-component [FTK23,
KK22a, LVK+22, LLQ+23, MS20a, PAA21, Say22, TYY22a, ZY+23].

Cap23, CLW22, CLDC20, CJW22, CKLM\textsuperscript{+}23, CQA21, CK21, CPK22, CS23, Coc20, DY22a, DD22b, DLY22, DGW22, FZQ21, FZQ22a, FHWK21, Fei23, FQSW23, FWNT21, GGCvR22, GNZ23, GQR23, GS22, GCL\textsuperscript{+}22, HFBEB20, HKMR20, HMO\textsuperscript{+}20, HR20, HRWP22, JGLvR23, JCLK21, JK20, JS22b, KS23, KMR23, KLS\textsuperscript{+}20, KS22b, KSI\textsuperscript{+}23, KPKB20, L21a, LN22, LG20, LD20a, Li20, LCSZ21, LLNL21, LLO22b, LWF23, LZ23, LP20b, MRK\textsuperscript{+}20a, MRK\textsuperscript{+}20b, MHLR22, MOBR22, MDF21, MHY20, NGZD22, NY22, NMR\textsuperscript{+}22, OY21, OB22, PCB21, PCB22, QHDL20, RUG20, RS23b, RRFK\textsuperscript{+}21, Sel22, SP22, UY22, WZT21, WH22b, WJHS23, WH22, YL20, YL21a, ZL21b, ZPGR22, ZLW\textsuperscript{+}22a, ZT23, aKAK20.

Navier [dLF23].

Near [LYZ22, BDWC23, CZLC20, GZW20a, GWC\textsuperscript{+}22, Ish22, LWY\textsuperscript{+}20, PN22, YGJ21a, YGJ21b].

near-axis [GWC\textsuperscript{+}22].

near-boundary [CZLC20].

Near-field [LYZ22, PN22].

near-ground [LWY\textsuperscript{+}20].

near-minimax [YGJ21a, YGJ21b].

nearest [GLSZ22].

easily [CCB22, GLK20, LLKY21].

nearly-conservative [CCB22].

nematic [SVW21, WSS22, CY22b].

neoclassical [VCPGR20].

Nernst [KKJ21, LWYY22, LM23b, QWZ21, QXY23, XC23a, YFLL21, ZGLL20, RA23].

nested [KKN20, VCNC\textsuperscript{+}21, WZT21].

Net [LY22b, TR21].

ets [JCLK21].

Network [TR21, BFM23, BSVM23, BZSF20, CL21, CCL22, CCPS21, CCP23, Cha21, CX21, CCWX22b, Coa21, Coa21, DM21, DD22a, GLWZ22, GDLL22, GWY21, GYC\textsuperscript{+}23, HLL22, HXQL23, HJJL20, HBF21, KCWZ22, LMS\textsuperscript{+}22, LJH23, LHCK24, LLZ22, LLM20, LY22b, LT22b, LC22, LGL23b, MLM\textsuperscript{+}21, MHLR22, MX22, MK20, MRBC22, Mi23, NA21, QCC22, SY21, SMS23, VP21, WRH20, WWFM22, WXZ22, WCZ22, WZ24, XI23, XJ23, XZ23, XZR21, XZWH22, YHC\textsuperscript{+}22, YCC\textsuperscript{+}22, YLY20, YLY21, YYD\textsuperscript{+}22, ZC22a, ZZZG23, ZYL\textsuperscript{+}23b, ZHRB23, ZTK23].

Networks [HTKT21, PZKN22, PZKN23, PJZ\textsuperscript{+}23, RR21a, RHG22, UHZ\textsuperscript{+}24, AHJ23, AK21, ACD23, BA23, BS22b, BZ23, BP22, BTK22, BDMT22, BX20, CWL\textsuperscript{+}21, CA22, CGL\textsuperscript{+}23, CDX22, CHK23, CG23, CFS23, CY21, CDM\textsuperscript{+}23, DDP20, DM23a, DCS23, DHR20, DN21, DW23, FGK22, FFFY20, GCVI22, GSW21, GN22, GZ20, GD23, GCSH22, GYW23, HNS20, HLZ20, HBG\textsuperscript{+}21, HPKS23, HLXZ21, HXFD20, IL23, JKK20, JMA22, JCLK21, JL23, KTBP20, KV20, KWS22, LCG22a, LLY20, LY22a, LWW2, LHY23, LHA\textsuperscript{+}21, LMK21, LAS22, MRHR20, MB23, MK21, MFK21, MN23, NCC21, PZ21, PMACG21, PPK20, PZ22, PGR\textsuperscript{+}23, PMT\textsuperscript{+}22, PHX23, PSM23, PBVC22, PEL23, QZHD23, SRH21, SEG22, SJH\textsuperscript{+}23, SFDW23, SGLP23, TBJ22, TXH\textsuperscript{+}21, WCC23, WKA\textsuperscript{+}20, WL22, XF21c, XSF23, XHD21, YMK21, YIP23, YNDH22, YB20, ZZZG23, ZCZ22, ZNCZ\textsuperscript{+}21, ZLS22, dLF23].

Networks [AM22, BBV23, JADS21].

Neumann [SYOS21, TNP21, AIN20, KBCH20, KD21b, LM21b, MMZZ22, SYOS19, TPB22, XC20].

Neural [AM22, BFM23, BPVE24, DD22a, DLM\textsuperscript{+}23, GD23, HTKT21, JADS21, LMS\textsuperscript{+}22, LLZ22, MRBC22, MPIG23, NÄ21, ORCVG24, PZKN22, PZKN23, PJZ\textsuperscript{+}23, RR21a, RHG22, TR21, UHZ\textsuperscript{+}24, WZ24, AHJ23, AK21, ACD23,
Neural-network [LMS +22, MRBC22, MLM +21].
Neural-network-augmented [BFM23].
neuron [FL21, HLXZ21].
neutral [AAL +21, GRC +22, KSK21].
neutron [DJ22, DJ23, DC22a, GHY22a, Gar20, Gar21, HA21, KWMF22, LKEM21, ZG20].
neutronics [CS22].
neutronics-depletion [CS22].
Neveu [Lak20].
Newton [BE20, CYYS22, GDB23, Lee21, LTT21, LCC +23b, hSMLS23, VdGP20].
Newtonian [BE20, CYYS22, GDB23, Lee21, LTT21, LCC +23b, hSMLS23, VdGP20].
NH [LLZ22].
NH-PINN [LLZ22].
nine [LDM +21].
nine-dimensional [LDM +21].
Nitsche [JDB +23, LT20b, WR23c].
NN [YYD +22].
no [RS23b, GS22, IKP22, DCS23].
noslip [GS22].
No-U-Turn [DCS23].
nodal [BWG +20, CCWX22b, DT20, MSC +20, MRK +20c, NW20, NMR +21, NMR +22, PLKM22, RRHH +21, WVRLG23].
nodal-gradientes [NW20].
node [KDL23].
node-centered [KDL23].
nodes [CS23, MGRVR23, RRKF +21].
NoFAS [WLS22].
Noise [EFSH21, AWB +20, CCM +22, CCHS20b, EK21, HHS22, LVL +23, SQSS20, SSX22, ZL21c].
oises [ZMK21].
oisy [BCSK21, JL22, KTDG22, LMZ23, LLR23, WF32, XZW21, YMK21, Yin22, ZL21d].
[ZJZK20, ZX22, Zha22, ZZYX20, ZOG21b, ZIMA24, ZYY23, ZPS+21].

nonlinearities [KH21a].

Nonlinearly [CND22].

Nonlocal [ELL+23, PDPK20, YYY+22, ALFN22, ASSZ21, DZ22, DZ23, EL23, FYT+22, GLLM22, HZX23, HM21a, JPAZ21, KS21a, LCS22, LTD+22, NS22, VLC+20, ZYW21, ZYY+20].

nonlocally [KCK21].

nonorthogonal [HNF+21].

nonphysical [CW21].

nonsmooth [WZBV20].

Nonstationary [ADK+21, VaB23].

nonuniform [CSY20, lLTZ20, Xie22, ZOG21a].

Nordheim [MR23b].

norm [An21a, CN21, MZ20, YWCIL22].

Normalizing [GWZ22, WLS22, HYCL23].


numerical [HL20c, HLYZ21, HP22b, JF20, JLRZ20, JRD22, KMS20, KKN20, KIH21, KJB+24, KWD22, KV23c, KLPR20, KD20, LLCJ23, LVK+22, Li21, LZ22b, LGL23a, LBM20, LFT+20, LMZ21b, LCW23, LKG+20, MBDS23, MKH20, MFTZ20, MSWH22, MTT+23, MH2Y21, MM+22, MM+23, MP21,
KD20, KK21, KdL20, KV23d, LCL22a, LJW+22, LBN21, LVK+22, LMS23].

order
[LL21a, LL23a, LCS22, LCS23, LD20a, LCJ20a, Li20, LCSZ21, LLQC21, LG21, LYZW21, LZ22a, LCR22, LJ23, LSZ23b, LLZ23a, LLQ+23, IWL+23, LXSF22, LH20, ILTZ20, LRaq22, LWZ23, LRW21b, LM20a, LS23, LSZY20, LD20b, LFZ21, LYS+22b, LWYY22, LSY+23, LJS+23, LZ23, LCWH23, LcXcL+20, LT20c, LN24, LY22c, LZCC22, MZ22, MA23, MCVF22, MH21, MH22, MQ20, MKM23, Mis23, MG20a, Mon21, MCI23, NS22, NFL+21a, NF+21b, NKT21, NP20, NT20, NBR22, NP23, Nic22, NKG+21, Nkw22, Nis20c, Nis22b, NW23, Oru21, OA21, OGG20, PZX20, Pan20a, PCF21, PP22b, PWL+23, Pan20b, PPP21, PB20b, PM21b, PS22b, PH22, PTT22, PSCK23, PD21, PGCC+22, PGMTP23, PGTS21, PPB23, QG21, QZHD23, QLY21, RMA20, RUG20, RSWD21, RFZ22, RZ23, RWQX23, Ren21, RLH22, RRBR+23, RBF+21, RIC+22, RA23, RMWS21, SN19, SN20, SMSAGG22].

order
[San20, Say22, SL20b, SL22b, SEG21b, SEG22, SFR21, SWF21, SBL22, SAP22, SY21, SKCM22, SS22c, SZ21, TFW22, TCS22, TJC21, TjM23, TPK20, Toh23, TEA+23, Uli20, Un21, UY22, VVL21, VVrWT21, VPDD22, VOl23, VBA22, VK22, WW20a, WMTQ20, WGY20, WW20b, WRH20, WCL+20, WTX+21, WLH21, WCF22, WTZZ23, WCP23, WLZ+24, WABK21, WzBV20, WwLZ21, WHS22, XBH+22, XLLH21, XY20a, XGCW+20, XDLX21, XSSSS22, XRLR21, XS22a, XS22b, XHLH23, XMO20, YU22, YYX21, YSCM21, Yan21c, YZSD21, YJSX22, YLY22, YH22a, YZ223, YKH24, YOH+22, Yn21, YK20b, YGL20, YH22b, YM20, ZSP20, ZEG20, ZEG21, ZB21b, ZYW21, ZCY23, ZCQ19, ZCQ20a, ZML20, ZL21a, ZL21b, ZHY22, ZX22, ZLW+22a, ZC23, ZZ23b, ZDT23, ZHR20, ZZ220, ZH21, ZJSX22, ZJSX23, ZZ23c, ZSQ21, ZwQG23, ZQS+21, ZQ+22, ZQS20, ZS20, ZF20, ZL22, aZWy23, ZWB21, dLF23].

order

s [LL20, SAS+21, BHNS23, BCTIT22, HM21b, KR23, KNG22, KGN22, LW22a, Vre17, Vre20, Vre21b, Vre21a]. overview [DM23c].


pairing [DFW22]. paper [Pan20b]. papers [DSA23].


pairing [DFW22]. paper [Pan20b]. papers [DSA23].

pairing [DFW22]. paper [Pan20b]. papers [DSA23].


pairing [DFW22]. paper [Pan20b]. papers [DSA23].


data [AP21, ABDD20, BCPV21, CCWX22a, DWWZ21, GCMV23, LSL20, ZZ22b, MNG+22, PK23, VLC+20, XLLH21].


Particle [BZC+22, FQSW23, HP21a, KEY20, LZP22, LFL+22, MVO+22, RA21, ST+21, TCA21, ALE23, AWP23, ALF+22, AFF+23, AF23, BL19, BL20, BOB21b, BOB21a, BFS23, BBW+21, BTL23, BPT+20,
Penalty [FCL21, SCdHJ20, HNZ23a, KMF23, SY21, aZWy23].

Peng [FCWS22, LYY20].

Peregrine [KMS20].

Peng [FCWS22, LYY20].

Perform [PV22, PO23, ADP22, KSW22, KD20, RBD+21, YJSX22].

performing [FTP23]

Performance [PV22, PO23, ADP22, KSW22, KD20, RBD+21, YJSX22].

perfect [LL23a, XYL22].

Perfectly [LL23a, XYL22].

Perfectly [LL23a, XYL22].

Performance [PV22, PO23, ADP22, KSW22, KD20, RBD+21, YJSX22].

performing [FTP23]

Perfectly [LL23a, XYL22].

Perfectly [LL23a, XYL22].

Perform [PV22, PO23, ADP22, KSW22, KD20, RBD+21, YJSX22].

Performance [PV22, PO23, ADP22, KSW22, KD20, RBD+21, YJSX22].

performing [FTP23]
plane-wave
planes
plank
planning
plaque
Plasma
plasma-based
Plasma-material
plasmas
plasmon
plasmonic
plasmonics
plastic
Plastic
plasticity
plate
plating
plume
PML
pneumatic
PointNet
point-particle
point-source
point-value
point-wise
Polynomial
Polydisperse
polyatomic
polyhedral
polyhedron
polycrystalline
polyhedrons
polymer
polymeric
Polynomial
polyhedral
polyhedral
polynomial
Polyhedral-Chaotic

Prediction [EMS+21, AAM20, BJW20, DLM+23, DYGC22, HJLY21, KUO23, NKT21, PZZ+23, RLH22, SFGNMG22, SPGG23, SM21b, Y123, ZYL+23b, vdBSB20].

Predictive [EMS+21, AAM20, BJW20, DLM+23, DYGC22, HJLY21, KUO23, NKT21, PZZ+23, RLH22, SFGNMG22, SPGG23, SM21b, Y123, ZYL+23b, vdBSB20].

Predictive/multicorrector [LBC23].

Preface [AACX21].

preferential [TACO22].

presence [DSSSP20, ZHL21].

preservation [XMZ+23].

preserve [HRY+22]. preserves [GGB22]. Preserving


Pressure [ISM+23, Af20, As21, Asj23, Bg20, Bjc23, Bp21, Bbl23, Scpl+22, Cg23, Dsp22, Dev20, Dtb20, Fgy22, Ftk23, Grm20, Hpw21a, Htl21, Hig22, Hpl2a, Htlty23, Ks22c, Ks22b, Lpm+20, Lo23, Lrt+22b, Llz23c, Lcs23, Mdb20, Ms20b, Nb+21a, Nfl+21b, Rs23b, Slp23a, Sbh21, Sw22, Skt21, Mvo21, Xls22, Ya21, Yzk23, Yzk20].

pressure-based [BP21, Dsp22, Dev20, Hpw21a, Htl21, Mvo20].

pressure-correction [Af20, Lrt+22b]. pressure-equilibrium [Ftk23].

pressure-equilibrium-preserving [Bj23].

pressure-free [Sbh21].

pressure-temperature [Slf23a]. pressures [Gqs20, Ks22b]. prestrained [Bgn22].

prestressed [YkdHc20].

preventing [Skt21, Gf21].

primal [Cw22, Lols23, Ng20, Nor22a, smls23, Ww20b].

primal-dual [Cw22, Lols23, smls23, Ww20b].

primary [Fgl+22, Mmdmb22].

primary [Lwj+22, Pcb21, Sel22].

principle [Ab23, Jly21, Lpl+22, Llt20, Ns22, Sb23, Tbr23, Xs22b]. Principles
printing [OYK+22]. prior [LSL20]. priori

probability [BJZ20, CW21, CL20c, YZdCNS21, ZJ23]. probable [YR22]. probe

[CSA21]. probing [GHW21]. Problem

[ZS21a, AN21b, BCI+23, BCIR22, BST23, CEL+20, CZ20b, DLL22, DT22b, ELSV22, FS23b, FCWT22, FZ21, GGM+23, HLB20, HSX22, HHVM20, HJH+21, HNF+21, HSS21, Hua21, ILX22, JLCT22, KS22a, KBCH20, KKB20, KLZ23, LSW20, LDLV21, Lin21, MNG+22, MBM+22, OKTD21, Par22, SS22a, SBVM20, SCL20, UHZ+24, WJKW20, YL24, ZMK21, ZML20, ZHRB23].


problems [ZXY22, ZZZG23, ZYL+23, ZLL23, ZS21b, ZPK22, vHP22].

procedure [ASKH21, LSTZ21]. procedures [LMN20]. Process

[STG20, XCL22, ABE22, BBH23, BGH21, CZ23, CL20b, CDL+22, CS21, GTBD22, HNR23, LTL20a, MRT+22, OYK+22, SDP20, Wan23, ZLC+20].


processing [AG21, BEP+20, DM23c, EHL+20, MTB22, SM21]. processors [LFL+22]. product [AMG23b, CN21, Don23, HKS21, KAZS23].

SBVM20, SLQW22, VVL21, vdBSB20. **Quadrature-based**
[TM23, PO23, SBVM20]. **quadrature-finite** [LYS+22b, LSY+23].
**quadrilateral** [BW23, GYWH20, KRL21, PP22b]. **quads** [MN22]. **quadtree** [CPK22, PPV+21]. **quality** [HW20b]. **quantification** [AR23, BCPV21, CDT22b, CC20, EPL22, FJG+20, GN22, GGEJ20, KP23b, KLG+22, KWF20, NYZ21, PMZ+23, SSG21, SC23, SBJ+23, TBST20, XF21b, XF21a, ZBB21]. **Quantifying** [KNP20].
**Quantitative** [FS23b, MM21a, LTK+22]. **quantities** [LC22, YL21b, VGG23]. **Quantum** [Le21a, TS20, AAL+21, AFL22, BCG23, BSZ+23, CZ20b, HKRS23, HXZ23, JLY22, JLY23, LHW+23, MR23b, PLM+23b, VCCN+23, WLZP21]. **Quasi** [BF23, PLM23a, SS22b, AB24, BFL20, CHT20, CCE+21, CF20, GWC+22, GCL+22, Lee21, LAT+22, MDG20, NTSM20, SHL+20, WZ23b, SS22d].
**Quasi-Spectral** [SS22b, SS22d]. **quasi-static** [LAT+22]. **quasi-symmetry** [GWC+22]. **quasi-uniform** [CF20]. **Quasi-periodic** [DS23c]. **quasiperiodicity** [CSX21].
**R** [Pan20b]. **Race** [BABD21]. **radar** [MTB22]. **radial** [DW20b, FZS+21, JYY22, KEY20, LLLL23, LYS+22b, TVL+22, WQZP20, WCC23]. **radially** [Bre20, SOBP22]. **radiation**
[BOB21b, BOB21a, BVR22, BRZ+23, BR23, BD20b, CSS20, CLS24, CIMG21, CCH20, DDR22, DW20a, HR23, HNF+21, JTTZ22, KKL+23, LSW20, MH22a, PM22a, PMF20, TR21, TLM20, TYB23, Yan21a, YAX20].
**radiation-moment** [LM21c]. **Radiative**
**Random-batch** [DFJ22]. **random-choice** [ZHZH22]. **random-weight** [DW23]. **Randomized** [SPds+21]. **randomly** [FTY+22, KT20]. **Range**
[TL20, ARGK22, CH22, DV23b, DCSG22, EOP20, EHW21, EJ21, EOS23, EMS+21, GQ22, KWMF22, Os20, PMF20, PM21b, PM23, PEI23, ZOG21b]. **Rankine** [GKL21]. **RANS**
[AF21, AHP22, BPJ22, DR20, EDEV23, PB23, ZDS+21, ZAW+20].
**RANS-based** [BPJ22]. **RANS/LES** [DR20]. **Raphson** [VdGP20]. **rapidly**
Reduced-dissipation reduction-based [CGJM21, ZGLL20].
Reduced-order reduction [ASBM20, An21a, AWB+20, BF22, BFM23, BVR22, Ben23, BW20, CGJM21, CCGC23, CDZ23, Da22, DV23b, DFG20, EAK20, FTZ22, GHE+23, GFY20, HR23, HWDM22, KC20a, KV20, KSK21, LT22a, LCPW23, LC20, LL21c, LT23, MZ23, Mis23, NP23, OA21, PC21a, PR23, PBJ23, Qia22, RA23, TL20, VACE21, WCL+20, WDH+21, WZZ23, YH22b, ZGLL20].
Reduction-based [CGJM21, ZGLL20].
Reinitialization [AAM20, HCL22, SYC+23, XSA+21].
Reinterpretation [AOR22, XY20b].
Reinterpreted [XHY23].
Rejections [CSASS21].
Related [ABH21, HNR23, tLjTbZ22, WZ22].
Regeneration [LZPM22].
Regime [BJC23, CY23, GMD22, LSC+20c, SZ21, ZGK+22].
Regions [AZ22, KOM+22, KDB+20].
Registration-based [FTZ22].
Registration [FTZ22].
Regularization [LGZ21, BCIR22, DD22a, ESJ23, HYCL23, JKZS21, LLW20b, NVPP23, PB23, WSAZ22, ZLL23].
Regularized [BY20, ZMSX20, ZXY22, LY20a, NCC21, SL22a, WCM+21, YP24].
Reinforcement [ABY23, BPBM23, FSWA23, FCL23, HGY+21, KKY22, ND23, PS22a, VRK+21b].
Reinitialization [AAM20, HCL22, SYC+23, XSA+21].
Reinterpretation [AOR22, XY20b].
Reinterpreted [XHY23].
Rejections [CSASS21].
Related [ABH21, HNR23, tLjTbZ22, WZ22].
Relation [EL23, NG20].
Relations [HXFD20, XHD21].
Relationships [YH23].
Relative [WCA+20, TAVD21, YZK20].
Relativistic [AZ22, BKC23, CDT22a, CCY+20, CTK21, CW22a, DT20, DT21a, DT22b].
DT22c, LDM$^+$21, Li23, LKG$^+$20, NNL$^+$20, Ume23, WNZ20, WLH21.

relativistically [XLT$^+$20]. relaxation

[ADP22, AKKMR23, CW22b, CHM24, DFJ20, FBG20, GKPT22, HKMR20, HRG20, JZ22, KMR23, LLZ23a, LHWZ21, LZY$^+$22b, LY23, MTB22, TPK20, ZMWS22, ZS22b, ZHZ22, GM23b]. relaxation-learning [LY23].

relaxed [Fei23]. RelaxNet [XF23]. release [GMMS22]. relevance

[ADP22, AKKMR23, CW22b, CHM24, DFJ20, FBG20, GKPT22, HKMR20, HRG20, JZ22, KMR23, LLZ23a, LHWZ21, LZY$^+$22b, LY23, MTB22, TPK20, ZMWS22, ZS22b, ZHZ22, GM23b]. relaxation-learning [LY23].

relaxed [Fei23]. RelaxNet [XF23]. release [GMMS22]. relevance

[ADP22, AKKMR23, CW22b, CHM24, DFJ20, FBG20, GKPT22, HKMR20, HRG20, JZ22, KMR23, LLZ23a, LHWZ21, LZY$^+$22b, LY23, MTB22, TPK20, ZMWS22, ZS22b, ZHZ22, GM23b]. relaxation-learning [LY23].

relaxed [Fei23]. RelaxNet [XF23]. release [GMMS22]. relevance

[ADP22, AKKMR23, CW22b, CHM24, DFJ20, FBG20, GKPT22, HKMR20, HRG20, JZ22, KMR23, LLZ23a, LHWZ21, LZY$^+$22b, LY23, MTB22, TPK20, ZMWS22, ZS22b, ZHZ22, GM23b]. relaxation-learning [LY23].

relaxed [Fei23]. RelaxNet [XF23]. release [GMMS22]. relevance

[ADP22, AKKMR23, CW22b, CHM24, DFJ20, FBG20, GKPT22, HKMR20, HRG20, JZ22, KMR23, LLZ23a, LHWZ21, LZY$^+$22b, LY23, MTB22, TPK20, ZMWS22, ZS22b, ZHZ22, GM23b]. relaxation-learning [LY23].

relaxed [Fei23]. RelaxNet [XF23]. release [GMMS22]. relevance

[ADP22, AKKMR23, CW22b, CHM24, DFJ20, FBG20, GKPT22, HKMR20, HRG20, JZ22, KMR23, LLZ23a, LHWZ21, LZY$^+$22b, LY23, MTB22, TPK20, ZMWS22, ZS22b, ZHZ22, GM23b]. relaxation-learning [LY23].

relaxed [Fei23]. RelaxNet [XF23]. release [GMMS22]. relevance

[ADP22, AKKMR23, CW22b, CHM24, DFJ20, FBG20, GKPT22, HKMR20, HRG20, JZ22, KMR23, LLZ23a, LHWZ21, LZY$^+$22b, LY23, MTB22, TPK20, ZMWS22, ZS22b, ZHZ22, GM23b]. relaxation-learning [LY23].

relaxed [Fei23]. RelaxNet [XF23]. release [GMMS22]. relevance

[ADP22, AKKMR23, CW22b, CHM24, DFJ20, FBG20, GKPT22, HKMR20, HRG20, JZ22, KMR23, LLZ23a, LHWZ21, LZY$^+$22b, LY23, MTB22, TPK20, ZMWS22, ZS22b, ZHZ22, GM23b]. relaxation-learning [LY23].

relaxed [Fei23]. RelaxNet [XF23]. release [GMMS22]. relevance

[ADP22, AKKMR23, CW22b, CHM24, DFJ20, FBG20, GKPT22, HKMR20, HRG20, JZ22, KMR23, LLZ23a, LHWZ21, LZY$^+$22b, LY23, MTB22, TPK20, ZMWS22, ZS22b, ZHZ22, GM23b]. relaxation-learning [LY23].

relaxed [Fei23]. RelaxNet [XF23]. release [GMMS22]. relevance

[ADP22, AKKMR23, CW22b, CHM24, DFJ20, FBG20, GKPT22, HKMR20, HRG20, JZ22, KMR23, LLZ23a, LHWZ21, LZY$^+$22b, LY23, MTB22, TPK20, ZMWS22, ZS22b, ZHZ22, GM23b]. relaxation-learning [LY23].

relaxed [Fei23]. RelaxNet [XF23]. release [GMMS22]. relevance

[ADP22, AKKMR23, CW22b, CHM24, DFJ20, FBG20, GKPT22, HKMR20, HRG20, JZ22, KMR23, LLZ23a, LHWZ21, LZY$^+$22b, LY23, MTB22, TPK20, ZMWS22, ZS22b, ZHZ22, GM23b]. relaxation-learning [LY23].

relaxed [Fei23]. RelaxNet [XF23]. release [GMMS22]. relevance

[ADP22, AKKMR23, CW22b, CHM24, DFJ20, FBG20, GKPT22, HKMR20, HRG20, JZ22, KMR23, LLZ23a, LHWZ21, LZY$^+$22b, LY23, MTB22, TPK20, ZMWS22, ZS22b, ZHZ22, GM23b]. relaxation-learning [LY23].

relaxed [Fei23]. RelaxNet [XF23]. release [GMMS22]. relevance

[ADP22, AKKMR23, CW22b, CHM24, DFJ20, FBG20, GKPT22, HKMR20, HRG20, JZ22, KMR23, LLZ23a, LHWZ21, LZY$^+$22b, LY23, MTB22, TPK20, ZMWS22, ZS22b, ZHZ22, GM23b]. relaxation-learning [LY23].

relaxed [Fei23]. RelaxNet [XF23]. release [GMMS22]. relevance

[ADP22, AKKMR23, CW22b, CHM24, DFJ20, FBG20, GKPT22, HKMR20, HRG20, JZ22, KMR23, LLZ23a, LHWZ21, LZY$^+$22b, LY23, MTB22, TPK20, ZMWS22, ZS22b, ZHZ22, GM23b]. relaxation-learning [LY23].

relaxed [Fei23]. RelaxNet [XF23]. release [GMMS22]. relevance

[ADP22, AKKMR23, CW22b, CHM24, DFJ20, FBG20, GKPT22, HKMR20, HRG20, JZ22, KMR23, LLZ23a, LHWZ21, LZY$^+$22b, LY23, MTB22, TPK20, ZMWS22, ZS22b, ZHZ22, GM23b]. relaxation-learning [LY23].

WTZZ23, WCP23, WDK22, WGU+22, WABK21, WZBV20, WZL21, XLXC20, Xia21, XF21b, XF21a, XDLX21, XG22, XHLH23, YLK20, YGJ21a, Yan21b, YGJ21b, YM21, Yan21c, YRHN22, YWCIL22, YTK22, YH22a, YY22, YKdHC20, YYL20, YWLL21, ZB21a, ZCS20, ZL21b, ZQC+23, ZWLG23, ZZ23b, ZCQ20b, ZQ20, ZJSX22, ZZSX23, ZZ23c, ZSQ21, ZWQG23.

scheme [ZG20, ZPS+21]. schemes


Schmidt [LPL+22]. Schrödinger

[AB24, AST21, AKM23, BLF20, BCJM20, BG20a, CLY21, GMB+22, GR21, GLLM22, JL21a, JPAZ21, JLRZ20, LS23b, MCVF22, MW23, RMWS21, Sac22, STEK17, STEK22, SDKL21, Suk23, WDG20, Was22, WVL21, Zha22].


[MK21, BABD21, CPT23, CFM22, LGL23a, hSMLS23]. Sea-ice [MK21, hSMLS23]. search [HL22a, WZ24]. search-guided [WZ24]. Second [CKT21, CDLX23, GPS20, GCL+22, KLB23, LYZ21, LD20b, LCH23, PCF21, PGCC+22, XGCW+20, ZEG20, ZZZ20, ZH21, Abg20, AuIL20, AAK20, AKM23, BD+20, CCW22a, CZZ21, CZ20a, CY22b, CLJ+20, CBY23, CGM+23, CX22a, Den23, FGKY22, FGTY23, HJ22, HLA22b, KS11, KBB21, LL23a, ILT20, Mar23, MR23a, MQ20, MKM23, M21, NT20,
KCP20, LAMC24, SJGC21, YS22]. Sensitivity-driven [FGB+20].
Sensitivity-enhanced [KP23b]. sensor [KK22a, WTZZ23]. sensors
[CLGA24, KTDG22, KBC22, RHG22]. separate [LLW20a, QCZ22].
separated [DJ22, DJ23, DOL23, EGN23, Kho20]. separation
[BJ21, WZ22, YQO20]. separations [KKM21].
September [Ano20l, Ano21l, Ano21x, Ano22l, Ano22x, Ano23l, Ano23x, Ano20x].
sequence [DD21]. sequences [GGN+20]. Sequential
[LLW20a, LTT21, MTWBT21, FMT23, LTD+21, LTE23, MH22a]. series
[DS22b, HYZH22, JWH20, Mon21, NPD20, TXH+21]. Serre
[GKPT22, TGM23, ZZYX20]. set
[AAM20, BSW+22, BTEK22, BBA22, CSM23, Coc20, DKA+20, DPX23,
DW21, DFJ20, EdCC+23, HRR21, HCL22, HPS23, HT21b, JGM+22, JFH21,
KKY+21, KCX+21, KB22b, LCG22a, LCG22b, LCG23, LZC+23, LTBM23,
LHFH20, MMdMB22, PBGB21, SYL23, SYC+23, SDP20, The21, VTC20,
XSSH20, XSA+21, YYB23, ZXBS22, ZL+23, ZY20a, ZMW23, FFL+23].
set-based [KKY+21]. set/embedded [LPJ+23]. set/finite
[LLW20a, LTT21, MTWBT21, FMT23, LTD+21, LTE23, MH22a]. set/volume
[DS22b, HYYH22, JWH20, Mon21, NPD20, TXH+21]. setting
[EMS+21, TB21]. settling [PC23]. seven [PBM23, QWZW23].
seven-equation [PBM23, QWZW23]. seventh [LWL+23]. seventh-order
[LWL+23]. several [MVK20]. Shallow
[DS22a, DVB20, AG21, AMB22a, AR20, Bal20, BGGM21, BP22, BCC+20,
CKLZ23, CP22a, CNMB20, CN22, CTC22, DEN22, DSBFN+20, Don23,
DT21b, DFP+21b, GDBFN+20, GCDT22, GLYW22, HMV22, HSM20, Hig22,
HLL22, HXX22, HXQL23, HH23, KGBT20, KCWZ22, KLZ20, LCL+22b,
LM21a, LP23a, Liu20a, Lin21, LM20c, NW22, RHR20, SGB+21b, SGT23,
SPF+20, SDPS24, TAWD23, WCB20, YYX21, ZDT23, ZXX23, ZZ23c].
Shallow-water
[DS22a, AG21, Bal20, BP22, BCC+20, GCDT22, HMV22, HSM20]. Sham
[GMB+22, HXX23, TMG20, VGH21, ZNCZ+21, ZH23]. Shape
[CEW23, DLZ23, DW21, AMG23a, Bar21a, BPBM23, CGLZ23, GEvWD22,
GKA22, GLL20, HF23, HMA23, NSS23, TGB20, VRO+21b, WZ23a, WDK22].
shaped [PA21, PR20, PAGJ23, QAS20, SWHJ22, ZZW23]. shapes
[MZM21, PTT22, TWY22a, ZQC+23]. Shared [DFG+23, RA21]. Sharp
[BCL+23, AU2L20, ALL22, BL22a, BBE+22, BPG23, BSW+22, BS2V22,
CSM23, DU20, EdCC+23, JGvR23, KSH22, KBS+21, KWR+23, LCP21b,
LCP23, MR22, MMM23, PR20, PRJ23, PG20, RKA+23, RSWD21, SMD20,
VFB23, XZN23, ZQC+23, ZZN22, ZGK+22]. Sharp-interface [BCL+23,
BL22a, BPG23, BSW+22, DU20, EdCC+23, KSH22, LCP21b, LCP23].
sharpening [CNC21, LLPL22, LLQ+23]. Sharp [CY22b]. shear
[AP22, CNMB20, PWK20]. shearing [WNB21]. sheath [BB21, BMG+23].
sheet [GH23, HPH+23]. sheets [AR22, CLT21, CHP22]. shell [IL23]. shell


Space-time [BBQ+21, CBA+21, KSW22, Mis23, TCR+20, AMM20a, BDP23a, BTEK22, GJL20, HR20, LY22c, MPMD20, PM22b, SPGG23, VRK21a]. space/time [HVD23]. spaces [AFGLM20, FBCD22, GKNÖ23, HW20a]. spacetimes [BL21a]. Spalart [LMFV22a, LMFV22b]. Spalart-Allmaras [LMFV22a].

Special [EFS+20, ZX20, CKT21, CW22a, DT20, DT21a, DT22b, DT22c].

species
[ATCS20, DS23a, DFJ22, FN22, HHK+23, LLWX22, RWDG22, XYL22].
specific [LVK+22, LC23, QCWC23, WK20]. spectra [KKL+23].
special [LVK+22, LC23, QCWC23, WK20].
Stability [CS22, KD21b, LQX22b, LQX22a, PCQL20, RV20, RC20b, TCS22, BCF22, CMR21, CN21, DJZ22, DBC+22, DS23c, FDH+24, GS22, GFY20, GLT+20, HBFB20, HP22b, IKZ23b, KBCH20, LW22b, Mar23, MD20c, OY21, RUG20, RWBS21, SW23, SPGG23, WMTQ20, ZHY22, ZLL23, aZLY23].

Stability-enhanced [PCQL20].

Stabilization [CMS+22b, DHM21a, GQR23, KMF23, KV23d, TT22a, XBD+20]. Stabilized [ZOG22].

Stabilized-Invariant [LBT+23, Wan23, Agr23, CS23, DCL20, FGF22, FCWT22, LT20b, TCK+22, WGY+21].

Stable [BFM21, BL21b, Gla21, GCSH22, LCDS23, MBAG21, van22, Abg20, AD21, AP20, AK22, BBC21, BKG20, BKC23, BKX21, BWG+20, BDMP22, BBDC22, BGQ+23, CMR21, Cha20, CT22, CLW22, CWW20, CWL+23, CSY20, CND22, CDN+22, CMRR21, DMN22, DWZW21, DW20b, DMC+23, DT20, DT21a, DT21b, DT22c, DVB20, EWN+23, FCWS22, FSQ23, FSB+20, FAA20, GLM22, GHHR22, Gar20, GMSLC24, GZW20b, GMD22, HZHL22, HRRHG21, PX21, HYZ22, HS21, HSW22, Jai22b, JRD22, KLS+20, KWD22, KWC23, LBS20, LS22, LN22, LCS22, LB21, LDLW21, LLZ23b, LNYD20, LCT23, LBM20, Liu20b, LMVF22a, LMVF22b, LcSxL+20, MK+20a, MK+20b, MK+20c, MGMV22, MPSP22, NT20, Nor22b, NMR+21, NMR+22, PHP21, PWL+23, PBN+21, PRK23, QWZ21, QW22, RWI+24, Ren21, RBD+21, RRHH+21, RRHC23, San20, Sar21b, SHL+20, SN21, Svi21, TT22b, TT23, TAWD23].

Stage [BJ21, CCW20, DL24, FLW20a, GWC+22, KS22b, LLQ+23, LC22, SL22c, SL23, WZ21b, ZLYW+22a].

Staggered [BBD+20, BDF+23, BDI+21, CS23, DNO23, DLYZ23, DVB20, FZB+23, GS21, KKS21a, KKS21b, LPP+20, LL21b, LD20a, LPE23a, OP20, PKC22, QPW21, SWG+20, SGW+23, SGW+20, SGW+23, GHT23, Vre17, Vre21a, WY22b, ZXCZ21, ZLYW22b].


steady-state [GSW21, KM22b, PSRM20, SZW +20, WX22].
steady-state-preserving [Liu20a].
steady-state-preserving [PSRM20, SZW +20, WX22].
step [AN21b, BHNS23, CC22b, DEvW22, HTV +22, JZSX24, Lak20, LL21a, Li20, LD20b, LKG +20, LHFH20, PCB20, PSRM20, SDKL21, SYAM23, SW23, YWCI22, ZDC20].
steps [ARC22, CP22a, DL24, FH23, GLLM22, KS22a, KV23a, LJTZ20, NA22, NFB23, Sev21, SSMA21, SP22, VLL20, WGU +22, ZRH20, ZY20b].
steps [LOL22].
stein [PT23a].
stellar [GWC +22, LCPW23, VCPGR20].
stellar [GWC +22, LCPW23, VCPGR20].
stellarator [MND +20].
Stefan [BEB +22, FM20, FLS23, HSS21, MRL +23, WP21].
Stein [PT23a].
Steklov [AIN20].
Steklov-Neumann [AIN20].
steepness [HRY +22].
steepness-based [HRY +22].
Stein-based [PT23a].
Stir [CFS +22].
Stochastic [AKWY20, CKLM +23, DYG22, EH22b, FGK22, GFPO22, MPZ23, OP22, SQSS20, WK21a, ACHG +21, AY23, BTZ22, BGH21, BJR22, CGC21, CL20b, CL20c, CHF21, Che23a, CCFGJ23, CCHS20b, DFN22, DFJ22, ELSV22, EPL21, FGB +20, FZLL20, FJ21, FHJ22, GCMV23, GWZ22, HHS22, HHL22, KTBP20, KKS21, KMF20, LSS20, LI20, LP22, MCI23, PZ20, PB20b, QHZ23, RMM +22, SSK20, SC23, SP22, SSL22, TC23, WMS21, WDL +21a, WDL21b, WDL21c, WFC22, WPBS22, XF21b, XF21a, ZMN22, ZMG +22, ZJ23, ZTK23].
Stokes [Sel22, SP22, SMLM23, Th22, UY22, Vrc20, WZT21, WJS23, WZBV20, WSH22, YU22, YCM +20, YLK20, YA21, ZML20, ZL21b, ZPGR22, ZLW +22a, ZH21, ZT23, aKAK20, dLF23].
Stokes-cloud [CKLM +23].
Stokes-Cahn [DD22b, KRM23].
Stokes/Navier-Stokes [MRK +20b, NMR +22].
Stokesian [OSZ21].
storage [GMA23].
strain [FB22, LBC23, ZJ21].
Strang [LQX22b, LQX22a].
Strategies [ADM22, BBDT21, KRL21, KR22, KWF20, LAS22, PJZ +23, SYAM23].

terminus [HPS23]. terms [A¨OR22, BS22a, BKN23, J21, KSHJ20, PR20, SL23, SMS23, WZ21a, ZH20].
tetrahedral [LQX22b, HZX23].
tetrahedron [CIMG21].
TgNN [XZRW21]. TgNN-wf [XZRW21]. their [BCIM20, BBQ+21, DLMZ22, EDC+23, GQ22, KMS20, LLSD20, MBM+23, MAPS20, NdlLPL21, PIZ+23, PA20]. theorem [ODM23]. Theoretical
Theory-guided [ACD23, CHZ+21, WCCZ22, XZRW21]. Thermal
[BOB21a, Ani21, CKLZ23, CZ20b, CCW20, DC22a, EM20, FADJ20, FS21, GA20, GDB23, GFG22, Kan20, KM22b, KLZ20, MMZR21, MH22a, MPBG23, PGM22, RLD24, THLM20, TYBW23, TBC20, WLL+23].
thermoacoustic [LBN21]. thermocapillary [SMK23]. thermochemical [FC2W21, LHW+23]. Thermodynamically
[HGZ23, PMT+22, KLS+20, KWS22, PAA21]. thermometry [BAK22].
thick [BFST23]. thin [AC20a, AC20b, BW20, BBK23, CCPS21, CCPS23, CMPZ22, FC2GKR23, HYSS22, HCL22, Hig20, KJB+24, LWL22, PH22, QERT20, VSS21, VACE21, YL24]. thin-film
[AC20a, AC20b, PH22]. THINC [KC2+21, TFXX22]. Third
[KB23, QLY21, Uni21, XS22b, LL21a, IWWY22, NW23, Toh23, ZL21b, ZS20, vLN21, NV22]. Third-order
[KB23, LL21a, NW23, Toh23, ZL21b, ZS20, vLN21, NV22]. Thomas
[BB23, KAZ23]. thoracic [TVL+22]. Three
Three-dimensional [CS21c, TTP22, XZNZ23, ZCY23, Cam21, CCM+22, FSW22, FZ20a, FWG22, FGL+22, GHY22a, GHP+23, GZ21, HSG+22, JLL22, KZC23, LCG23, LRT22a, LR24, LC23, MF24, OYK+22, PFR23, PLV20, RZ23, SL20a, SOV21, SKCM22, Tak23, VCNC+21, WC23, XS20, YLNT20, YK22, YSN23, ZGLL20, ZFG21, ZWZL22, ZPGR22, ZXY22].

three-domain [ABH21].

three-field [BGS22a].

three-phase [GPSMH20, ZY20b, ZS+22].

three-point [BSA22].

three-scale [DYGC22, YSCM21].

three-temperature [CLS24].

three-way [LW20b].

threshold [ZEG20].

throughput [ZO21].

Tightly [JHT23].

tilts [PV20].


time [KTDG22, KS22a, KCS21, KV23a, KPa24, KSI+23, KSW22, KLZ23, KNS21, KS21c, LBC23, LJW+22, LPP+20, LOL22, LWF23, LLTY23, LLL23, ILT20, ILNZ21, LBT+23, Ln20b, LD20b, LHW21, LR22, LOLS23, LN21b, LY22c, MDG20, MISP22, MBE21, MYL21, MTB2, MS23, MMR22, MPM20, NAZ22, ND20, Nis23, NFB23, NR24, PKC22, PB20b, PMF20, PM21b, PH22, PTT22, PM22b, PC22, Qia22, QZHD23, QHL20, QC22, QW22, QG22, RLH22, RC20a, RV20, RS23b, RC20b, STEK17, STEK22, SSW22, SYA23, Sev21, SWF21, SSA21, SES21, SFGMN22, SP22, SP23, SdSPS24, SQZ23, Tak23, TCS22, TFCH22, TCR+20, TB23, Tot23, Un21, VRK21a, VLV20, VDP20, WRBK20, WMT20, WTX+21, WZ22, WP23, Wan23, WCBQ24, WDK22, WGU+22, XHL23, YLNT20, YZdCNS21, Yan21c, WCI22, WY22, Yin21, YL21a, ZS22a, ZRH20, ZY20b].

Time-Accurate [BFM21, CMR21, Yan21].

Time-Adaptive [BFST23].

Time-averaged [SSW22].

Time-dependent [AH21, AFW22, AMBB2b, BDS23, BG20, CA22a, DGW20, DH24, FPT23, GMB+22, GR21, HPA22, KCS21, Nis23, PB20b, PMF20, PM21b, PH22, PTT22, Qia22, QHL22, QC22, RV20, RS23b, STEK17, STEK22, VDP20, WCBQ24, Yinh21].

Time-domain [TLB20, BG20, HLH21, LLL23, MMR22, Tak23, TB23, WRBK20, XHL23].

Time-explicit [Bar21].

Time-fractional [BSW24, CA22a, FTPB23, GC23, HL20b, HRG20, ILT20, QW22, YWCI22, YW22].

Time-harmonic [AHG21, DV22, MDG20].

Time-implicit [ATCS20].

Time-integration [GCV12].

Time-marching [TCS22].

Time-parallel [CEMO21].
time-periodic [CHM24, MBE21, PR24]. time-relaxed [Fei23].
Time-space [An21a, ZLW22b, Liu20b]. time-spectral
[EDLF20, HFBF20, RMA20]. time-splitting [Yin21]. Time-step
[LKG+20, CC22b, DeW22, HTV+22]. time-stepping
[DGGL22, DL24, FH23, KV23a, KSI+23, LJW+22, IWF23, LLTY23, ILTZ20,
NA22, NFB23, SP22]. time-stepping-varying [GLLM22]. time-steps
[Li22]. time-variant [CL20c]. time-varying [AG21]. time/space
[An21a, ZLW22b, Liu20b]. times [LZY+22b, LTDC23]. timestepping
[BBCD22, KBCH20, MDF21]. tip [CC22a]. tissue [KSHJ20]. tissues
[TBW22]. TM [CWL+23]. TMI/ALE [CPGD20]. Tokamak
[EFR21, BLK+23, GRC+22, Heu21, DAGL23]. tokamaks [CDT22a, HSB20].
tolerant [GB22b, KD20]. tomography
[CJSZ23, DNW23, D2C+23, FY20, KLZ23, RB22]. tool [Suk23].
toolbox [CDJM21]. topography [GBK20, ZDT23]. topological
[BHW23, CMPZ22, ZL21]. topologies [RBPRST20, YYB23].
Topography
[DDZ+22, DAK22, FADJ20, GMNY23, DFJ20, GBC+20, GDAP20, HCL22,
HF23, KKY+21, MQ20, NKA+20, Qia22, TSSOA20, WQ20, YXL22, ZXD22].
toroidal [RBPRST20, WGH23]. toroidally [WGH23]. Torrey
[YLNT20]. Total [Tot23, BBCD22, GU20, tLjTbZ22].
TRAC [AN21b]. Trace [˚AAL+21, LJ22, MBTS20]. tracer [TN23]. tracing
[Bat20a, CIMG21, WCBQ24]. tracking
[BTCV22, CDJM21, GHY22b, GEvW22, GHE+23, HZ22b, HNZ23b, HW23,
IKP22, LMG+21, LTBM23, MZ23, MrdB21, NKT21, PK20, SLBH23, SPZ22,
VMO21, YH23, ZSP22, CRPB20, FO22]. Traction [BDB21].
traffic [BX20, Tow20]. train [WYP22]. trained [WLZ+24]. training
[A21, DD22a, DL21, FL21, GYWG23, HBEK23, HBF21, JD23, LLM20,
OWH22, RK21, SHJ+23]. trains [CDZ23]. trajectories [Sim23].
trajectory [HYCL23, PK20, SFDW23]. trans [WH22a]. trans-
[WH22a]. transcranial [SACT21]. transcritical [BJC23]. Transfer
[Cha21, ADK+21, An21, BOB21a, BRZ+23, BTGA22, CLS+20a, CMC21,
DZP22, DS23b, FLZ20, GA20, GHP+23, GP23, GCS22, HGV+21,
HCCR22, ID20, JD23, JBF21, KSI21, LJ22, LCW23, LHWZ21,
LYT+22b, LLY+23, L20, MS20a, MH22a, MYY+23, MSF+22, NdlLPL21,
OCT22, PT23b, S32, SSS20, SXX23, Sii23, SPF+20, SH22, WGS+20,
WZCK21, XSSS22, XJS21, XZC23, ZCQ19, ZCQ20a, ZSS23, ZST23,
ZYL23a, ZCCN23, ZLW+21, CL23b]. transfer-based [LJ22].
transfer-learning [ZLW+21]. transfers [GMD22]. transfinite
[GD20, ZL21a]. transform [DC22a, JLZ20, MCVF22, MTWBT21, Per23].
transformation [HWD22, MBAG21]. transformers [Cai22]. Transient
[LBM20, AMB22b, BAT23, CMS+22a, CWL+23, EC20, HVD23, LLF23,
RHR20, WMTQ20]. transition [CY21, YR22]. transitional

two-component [ADJ23]. two-derivative [KBCH20, SMR22, ZS22a].


two-dimensions [Sel22, SSPV20, SH22]. two-domain [MP21].


two-phase [HIH+21, QERT20, vdEW23, AdDMT21, BL22a, BBV23, BDM22, BSV22, BMQ20, BE20, BR22b, Cal21, CSCL20, CY22b, Che23b, CK21, CLP22, CMRR21, DLYZ23, DLY22, FQS23, Fu20, GNZ23, GDBFN+20, GQS20, GLZ+22, HKS20, HCL22, HLA20b, HLA20c, IKP22, JMM20, Jai22a, JM22, JM23, JHT23, JGR22, KLS+20, KWDS22, LHC22, LL21b, LOL20, LLY20a, LYS22a, LLPL22, LRT+22b, LTBM23, LLCK20, MJJ21, MA21, MCBA20, MYY+23, MD22, QWZW23, RSA+20, SRD20, SWHJ22, SDA+21, UBT22, WCZ22, WJHS23, WLKR23, XS20, XZRW21, YA21, ZKS22, ZLG+23, ZMWS22, ZWLG23, ZY+23, ZLY+23b, ZMY23, ZL20, ZQG21, ZSQ21, ZF20, ZGK+22, ZOELO20, aKAK20, dSLdA+22].

two-scale [HdDB21].

two-sided [LLNZ21]. two-species [RWDG22]. two-stage [BJ21, DL24, LC22, WZ21b, ZLY+22a].

two-step [JZSX24].

two-temperature [SEG21a]. two-way [CZ22b, CBBI20, PE20, PA21, ZMY23]. type

[BTKP24, CY21, sCpLL+22, CLS20b, CC22b, CNC21, ER22, GCL22, HCD23, Kar22, KLG+22, LL21b, LYS22a, LYS22b, LLTY23, LXZ23, LF24b,
LW23, LW20a, LLS20, Par22, QPW21, SDKL21, XZC21, YZK23, ZOWW20, ZYZ+23, ZQS20, ZS20, HKS20. type-I [ER22]. types [FZ20a].


type-I [ER22]. types [FZ20a].


Unstructured [MB20, BGF20, BLM22, BCP22, CAF+22, CPT23, CZL20, CW22a, CZL22, CDX+21, CRF+21, CCB22, CA22a, DVS22, DBT+20, DSS22, FL21, FBCD22, GCLM22, GK20, HP23, HM21b, HRWP22, HX23, Jai22c, JGM+22, JJSX20, JBF21, KIB21, KLB23, KB23, KOS23, LSZY20, Liu21, LYS+22b, LWW23, LSY+23, LTBM23, LD22, LNM20, LLCK20, LHFH20, MYJ+23, Mar20, Mar23, MNM23, ND20, PP22a, PP22b, PBGB21, RE20, SGB+21a, SEG21b, SEG22, TNP23, Tso23, WY22a, WY22b, WZL21, XJN+20, XDLX21,
XHX22, XM20, YLNT20, ZOG22, ZB21a, ZCY23, ZCCN23, ZJSX22.


[BGNZ22, Baj23, LW21, The21, WLH21]. **volume/finite** [FZB+23].

**volumes** [KDL23, Rec23]. **Voronoi** [BO22, FGZ20, GBC+20]. **vortex** [BPG21, DT22b, GH23, GNW22, MM21a, NMN23, SL20a, SL22a, BDWC23, RHSK21]. **vortex-dominated** [MM21a]. **vortices** [MM21a]. **Vorticity** [WK21h, GGCvR22, HP21b, JGvR23, MD20c, MS20b]. **vorticity-Bernoulli-pressure** [MS20b]. **vorticity-velocity** [GGCvR22, JGvR23]. **voxels** [TB23]. **vs** [HPRW20]. **VSPH** [FGZ20]. **VT** [FCWS22, LYS22a]. **VT-flash** [LYS22a].

**Wachspress** [LCL22a]. **wakefield** [BD20b]. **walk** [CC20]. **Wall** [KS21d, BDWC23, CDBS21, CLW22, DA23, DOL23, HP23, HBF22, HLA22b, IK23b, LN22, LZX+22b, LWHH23, NFL+21b, Nis21, PEA20, PO21, vNGB22, DA23]. **wall-bounded** [HBF22, HLA22b, PEA20, PO21]. **Wall-modeled** [KS21d, vNGB22, DA23]. **wall-resolved** [LWHH23]. **walls** [AF20, LP23b].

**WAN** [OWHN22]. **Wang** [CC20]. **Wannier** [MO22]. **warm** [ZHRB23]. **warm-start** [ZHRB23]. **Wasserstein** [FOL23, GN22, LL20w, WXZ22].

**Water** [DVB20, AG21, AMB22a, AR20, Bal20, BGGM21, BP22, BCC+20, CKLZ23, CP22a, CNM20, CN22, CZL20, CTC22, DEN22, DS22a, Don23, DT21b, DFP+21b, FSDB20, GCDT22, GLYW22, HMV22, HSM20, Hg22, HXX22, HXQL23, HI23, KGBT20, KMS20, KWS22, KLZ20, LP23a, Liu20a, Liu21, LM20c, NW22, SGB+21b, SGT23, SdSPS24, TAWD23, WZ23b, WCB20, YXY21, ZDT23, ZXX23, ZBY+23, ZZ23c]. **waterflooding** [LO23].

**wave** [ALM23, AD21, AP20, An21a, AMM20a, AHWZ20, BDT21, BBMT21, BBM23, BDB21, BFL20, CCL24, CDL21, CHSS20, CP20, CELV22, DHMT21, DH20, DGS20, DZ23, Dup21, DFW22, EGN23, FL21, FGD+21, GC20b, GAC20, HYQ20, HNR23, HHS22, HL20a, JHY21, JLRZ20, KTD20, KSTT22, KS22a, KMS20, LSC20a, LPP+20, LSW20, LLZ+20a, LLLL23, LC22, LD20b, LZX20, LL23b, MDG20, MGL21, MMRP22, NTSM20, NT20, NT23, OP20, OKTD21, RB21, SL22c, SL23, SCdH20, TBM22, TAWD23, TPP22, TBL20, VEC21, WZ22, WCBQ24, WXZ24, XG22, XBR21, XCL+21, XHL23, YG21a, YG21b, ZMZY23, ZJSX22, ZDC20, ZL22w, ZL23, ZPK22, van22]. **wave-induced** [ZMZY23]. **wave-mode** [WZ22].

**wave-packets** [EGN23]. **wave-particle** [LLZ+20a, LZX20, WXZ24, XCL+21]. **wave-scattering** [BFL20].

**wave-structure** [RB21]. **wavefield** [LKvM+22]. **Waveform** [GM23b, AMG23b, AN21b, AL21, BS20, CJT+20, CHM24, DW21, EdCC+23, EGG22, HRG20, LY23]. **waveguides** [NPD20, SML20]. **Wavelet** [IH21, HM21a, HDML23, HHRA19, Pan20b, ZDC20]. **Wavelet-based** [IH21]. **wavenumber** [FCL21, KK22b]. **wavepackets** [GR21]. **waves** [AB24, AMM+20b, CLW20, CLJ+20, DDV21, DLM+23, DV22, DS23c, KFSM21, LMHL21, LTDC23, MF24, PB20a, Pan20a, SSSS22, TG23, TTP22, VEC21, WGB22, WZ23b, WGU+22, YKdLC20, YL24]. **way** [CZ22b, CBB210, JH210, LW20b, PEA20, PA21, RR22, ZMZY23, ZT23].

**WCAWE** [RA23]. **WCNS** [WZWZ23]. **WCSH** [LZX+22b]. **Weak**

Yang [DOQ23]. yeast [HST22a]. Yee’s [DLP21].


References


ÅAlund:2021:TPQ Oskar Ålund, Yukinao Akamatsu, Fredrik Laurén, Takahiroy Miura, Jan Nordström, and Alexander Rothkopf. Trace pre-

**Alame:2020:VLS**


**Ali:2024:MSI**


**Archibald:2022:KLB**


**Alberts:2023:PII**

REFERENCES

Agarwal:2024:SSE


Alsalti-Baldellou:2023:ESS


Allaire:2023:ACS


Azpiroz:2020:ENS


Abgrall:2020:LEA

REFERENCES

Abgrall:2021:E

Ackermann:2021:MST

Akian:2022:LBK

Archibald:2023:SMP

Almuslimani:2023:CSR
REFERENCES


REFERENCES


**Ancellin:2023:EGT**


**Abbaszadeh:2021:ROV**


**Aubry:2021:ASS**


**Antonietti:2022:MLB**

AlJahdali:2022:PRA


Abdulle:2022:LAD


Athkuri:2020:NAV


Ammosov:2022:GMM


Aithal:2020:FPC

Abhiram B. Aithal and Antonino Ferrante. A fast pressure-correction method for incompressible flows over curved walls. *Journal of Computational Physics*, 421(??):Article 109693,
REFERENCES


[AFK+23] Hector Vargas Alvarez, Gianluca Fabiani, Nikolaos Kazantzis, Constantin Siettos, and Ioannis G. Kevrekidis. Discrete-
REFERENCES


Afanasiev:2021:LIT


Abdulle:2023:OES


Ammari:2021:TDH


Adriaens:2021:ASM


Actor:2024:DDW

REFERENCES


Arthurs:2021:ATP


Aono:2022:AND


afKlinteberg:2020:FIE


Albert:2020:SIN


Athanassoulis:2023:NSP

REFERENCES

Ambartsumyan:2020:SMF

Assous:2020:TRE

Assous:2021:SIA

Amiri:2020:AII

Alexiadis:2023:MAP


[AMG23b] Xavier Adriaens, Ludovic Métivier, and Christophe Geuzaine. Inner product preconditioned trust-region methods for frequency-

**Amor-Martín:2021:SAN**


**Ahmmed:2021:CSM**


**Antonietti:2020:STD**


**Antonietti:2020:HOD**


REFERENCES


REFERENCES

Anonymous:2020:Mc


Anonymous:2020:Na


Anonymous:2020:Oa


Anonymous:2020:Sa


Anonymous:2020:Ab


Anonymous:2020:Ad


Anonymous:2020:Db


Anonymous:2020:Fb

REFERENCES

Anonymous:2020:Jb


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Anonymous:2020:Mb


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Anonymous:2022:Ac

Anonymous:2022:Da

Anonymous:2022:Fa

Anonymous:2022:Ja

Anonymous:2022:Je

Anonymous:2022:Jc

Anonymous:2022:Ma
Anonymous:2022:Mc


Anonymous:2022:Na


Anonymous:2022:Oa


Anonymous:2022:Sa


Anonymous:2022:Ab


Anonymous:2022:Ad


Anonymous:2022:Db


Anonymous:2022:Fb

REFERENCES

Anonymous:2022:Jb


Anonymous:2022:Jf


Anonymous:2022:Jd


Anonymous:2022:Mb


Anonymous:2022:M


Anonymous:2022:Nb


Anonymous:2022:Ob


Anonymous:2022:Sb

REFERENCES


Anonymous:2022:EBg


Anonymous:2022:EBh


Anonymous:2022:EBi


Anonymous:2022:EBj


Anonymous:2022:EBk


Anonymous:2022:EBl

REFERENCES

Anonymous:2022:EBm

Anonymous:2022:EBn

Anonymous:2022:EBo

Anonymous:2022:EBp

Anonymous:2022:EBq

Anonymous:2022:EBr


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES

Anonymous:2023:EBs


Anonymous:2023:EBt


Anonymous:2023:EBu


Anonymous:2023:EBv


Anonymous:2023:EBw


Anonymous:2023:EBx

Anonymous:2024:Ja

Anonymous. 1 January 2024. *Journal of Computational Physics, 496(??):??*, January 1, 2024. CODEN JCTPAH. ISSN 0021-9991 (print), 1090-2716 (electronic).

Anonymous:2024:Jb


Anonymous:2024:EBa


Anonymous:2024:EBb


Abgrall:2022:REE


Amlani:2020:SHO

Abdulla:2021:IPL


Armstrong:2022:NSC


Abouhussein:2023:CFE


Almeida:2022:APS


Arpaia:2020:WBR


REFERENCES

Allmann-Rahn:2022:PLR


Azaiez:2021:CID


Abgrall:2023:DGS


Abba:2020:DAC


Aurentz:2020:SUS

REFERENCES


REFERENCES


Abushaikha:2020:FIM


Anderson:2020:ECT


Aithal:2023:TAF


Ahmad:2020:LMM


Astoul:2020:ARS


REFERENCES


REFERENCES


REFERENCES


REFERENCES


178

REFERENCES


Barucq:2021:LSI


Bay:2020:BCB


Bale:2021:OSD


Banks:2020:HOA


Bertrand:2023:DDR

Fleurianne Bertrand, Daniele Boffi, and Abdul Halim. Data-driven reduced order modeling for parametric PDE eigenvalue problems using Gaussian process regression. *Journal of*
REFERENCES


REFERENCES


Approximated decompositions for computational continuum mechanics. 
CODEN JCTPAH. ISSN 0021-9991 (print), 1090-2716 (electronic). 

CODEN JCTPAH. ISSN 0021-9991 (print), 1090-2716 (electronic). 

Efficient estimation of cardiac conductivities: a proper generalized decomposition approach. 
CODEN JCTPAH. ISSN 0021-9991 (print), 1090-2716 (electronic). 

Factorized structure of the long-range two-electron integrals tensor and its application in quantum chemistry. 
CODEN JCTPAH. ISSN 0021-9991 (print), 1090-2716 (electronic). 


184

REFERENCES


Bretin:2022:LPF

Boisneault:2023:AST

Boscheri:2023:LSP

Barnafi:2023:PBP

Baara:2021:TDA
REFERENCES


Billuart:2023:WCB


Bilbao:2023:EEE


Bui:2020:SSN


Bayat:2022:SNM


Beneddine:2023:NIF

REFERENCES


Bocharov:2020:IMS


Barnett:2022:QAM


Bryngelson:2023:CMM


Barrett:2022:HSL


Busuioc:2023:WPS

[BFG23] Sergiu Busuioc, Aldo Frezzotti, and Livio Gibelli. A weighted particle scheme for Enskog–Vlasov equation to sim-

- **Bergmann:2022:EFV**
  

- **Bruno:2020:EQP**
  

- **Bassenne:2021:TAH**
  

- **Barnett:2023:NNA**
  
REFERENCES


REFERENCES


REFERENCES

Bellotti:2022:MFA


Barnett:2020:HOD


Borowska:2021:GPE


Bonito:2022:LAL


Bao:2022:VPP

REFERENCES

[194]


Bucelli:2023:SLC


Beaufort:2020:ASM


Berrone:2022:CNC


Boureima:2022:DCD

REFERENCES


[BHVJ22] Sara Shokrollahzadeh Behbahani, Hadi Hajibeygi, Denis Voskov, and Jan Dirk Jansen. Smoothed embedded finite-volume method (sEFVM) for modeling contact mechanics in deformable faulted and fractured porous media. *Journal


**Butler:2020:OED**


**Babbar:2022:LWF**


**Bhoriya:2023:HOF**


**Bosma:2021:EMR**


REFERENCES


Brady:2021:FHO


Bai:2022:SCT


Bourgeois:2022:GMP


Banjai:2020:NAS


Bourne:2023:SCP

Emily Bourne, Philippe Leleux, Katharina Kormann, Carola Kruse, Virginie Grandgirard, Yaman Güçlü, Martin J. Kühn, Ulrich Rüde, Eric Sonnendrücker, and Edoardo Zoni. Solver


REFERENCES


REFERENCES


REFERENCES


Bhosale:2021:RVM


Bochkov:2023:NMS


Brenner:2022:EAS


Barnafi:2023:CSS


Burger:2020:ICI

Martin Burger, René Pinnau, Claudia Totzeck, Oliver Tse, and Andreas Roth. Instantaneous control of interacting par-
REFERENCES


REFERENCES


**Brinkerhoff:2022:VIG**


**Brugnoli:2022:DFS**


**Barucq:2022:LOP**


**Benedusi:2023:SMF**

REFERENCES


REFERENCES

Bezgin:2022:WNM


BenHassanSaidi:2022:CDS


Bukreev:2023:CLB


Bures:2021:PLI


Bauer:2020:TED

REFERENCES


[BSW24] Jonas Beddrich, Endre Süli, and Barbara Wohlmuth. Numerical simulation of the time-fractional Fokker–Planck equation and applications to polymeric fluids. *Journal of Comput-


REFERENCES


[Broms:2024:BMC]

[Bi:2022:ACC]

[Boledi:2022:LSB]

[Bloch:2022:TMM]

[Bohle:2022:CIA]
Tobias Böhle, Mechthild Thalhammer, and Christian Kuehn. Community integration algorithms (CIAs) for dynamical systems on networks. Journal of Computational Physics, 469
Bourgeois:2024:ROS

Brugger:2023:ECF

Bendahmane:2022:OEB

Bempedelis:2020:SAS
REFERENCES


Bonito:2020:ETL


Bendall:2023:IAD


Bohm:2020:ESN


Buli:2020:DGM


Bruno:2020:RIE

REFERENCES


Beck:2020:NNB


Colbrook:2022:CMT


Costa:2022:NAT


Cant:2022:UAM


Caudron:2020:OWC

REFERENCES


REFERENCES


REFERENCES


[CCB22] Manuel Colera, Jaime Carpio, and Rodolfo Bermejo. A nearly-conservative, high-order, forward Lagrange–Galerkin method

**Cheung:2023:LLR**


**Colnago:2020:HOI**


**Chetverushkin:2021:CMM**


**Caliari:2022:MIS**


Cohen:2020:EIS


Cai:2021:LSR


Cai:2022:SAD


Cai:2020:DLS


Crestetto:2022:CHO

[CCLM22] Anaïs Crestetto, Nicolas Crouseilles, Yingzhe Li, and Josselein Massot. Comparison of high-order Eulerian methods for electron hybrid model. *Journal of Computational


REFERENCES


REFERENCES


REFERENCES


REFERENCES


Chamarthi:2021:HOC


Chung:2022:OMC


Chung:2023:DDS


Cheylan:2023:AIB


Chen:2022:ESA

REFERENCES


REFERENCES


REFERENCES


[CHCC23] Yu-Jen Chang, Hsuan-Yu Huang, Ruey-Lin Chern, and Yi-Ju Chou. A multiscale computational framework using ac-


Carson:2020:AMA


Chen:2021:ODA


Chiu:2023:CCD


Chen:2023:CFT


Corot:2020:STC

T. Corot, P. Hoch, and E. Labourasse. Surface tension for compressible fluids in ALE framework. *Journal of Computa-
REFERENCES

Ciaramella:2024:CAO


Chen:2021:SLN


Cagas:2020:PMB


Chen:2020:EQI

REFERENCES


Y. Cai and E. Lorin. Stationary state computation for nonlinear Dirac operators. *Journal of Computational Physics*,...
Chen:2020:AGP


Chen:2020:NAT


Chen:2020:KBC


Cai:2021:EAG


Chen:2023:AHO

Zhiming Chen and Yong Liu. An arbitrarily high order unfitted finite element method for elliptic interface problems with automatic mesh generation. *Journal of Com-
<table>
<thead>
<tr>
<th>Reference Key</th>
<th>Author(s)</th>
<th>Title</th>
<th>Journal</th>
<th>Volume</th>
<th>Pages</th>
<th>Date</th>
<th>URL</th>
</tr>
</thead>
</table>
Cheng:2020:SOC


Cheng:2020:EFB


Clain:2021:VHO


Chow:2022:CDA


Chai:2020:FDD

REFERENCES


**Cheng:2020:NIC**


**Cheng:2024:HOC**


**Chen:2021:CSL**


**Chang:2020:EMC**


**Chan:2022:ESM**

Jesse Chan, Yimin Lin, and Tim Warburton. Entropy stable modal discontinuous Galerkin schemes and wall boundary con-


Cartier-Michaud:2023:VAC


Chandramouli:2020:LSV


Colomes:2021:WSB


Carrillo:2021:OAC


Carrillo:2023:WBA

REFERENCES


**Coco:2023:GPS**


**Chin:2021:SEF**


**Cicchino:2021:NNS**


**Chen:2022:USG**


**Carlier:2023:ESB**


**Chattopadhyay:2023:DLE**


**Chiu:2021:AHA**


**Costa:2021:EVH**


**Cicchino:2022:NSF**

REFERENCES

Chandrashekar:2020:PCF


Coatleven:2021:PNE


Coatleven:2022:NEM


Coco:2020:MGP


Cao:2023:RBE

REFERENCES


[Cirrottola:2021:ADU] Luca Cirrottola, Mario Ricchiuto, Algiane Froehly, Barbara Re, Alberto Guardone, and Giuseppe Quaranta. Adaptive deformation of 3D unstructured meshes with curved body fitted bound-


REFERENCES


Carmouze:2020:RSI


Costanzo:2022:PTA


Choung:2021:NWP


Chen:2020:ESG


Chirammel:2023:GFM

REFERENCES


REFERENCES


Chandramoorthy:2021:PFN


Chen:2022:PCP


Cheng:2022:IBM


Chen:2023:DOD


Chen:2021:PIM

REFERENCES


Cheng:2022:PFC


Chen:2023:CBC


Cheng:2022:SSN


Chen:2020:NSO


Chen:2020:BIP

REFERENCES


REFERENCES


REFERENCES

Dauricio:2023:WME


Pascuale:2023:CTB


Desai:2022:TOS


Dusson:2022:ACE


Deshpande:2021:UFG

REFERENCES


Dargaville:2020:SAA


Deka:2020:NGG


Desmons:2021:GHO


Du:2022:CDF


Du:2022:NCG

REFERENCES


[DC23] DeMichele:2023:AEC


[DCGQ20] Ding:2020:SLD


[DCMF21] DeSantis:2021:GMM
REFERENCES


REFERENCES


[Duan:2021:FIP] Yu Duan, Matthew D. Eaton, and Michael J. Bluck. Fixed inducing points online Bayesian calibration for computer models with an application to a scale-resolving CFD simulation. *Journal of Computational Physics*, 434(??):Article 110243, June 1,
Dai:2022:HPW


Deng:2023:UFN


Deriaz:2023:HOA


Dabaghi:2023:TAS


Denner:2020:CFV

Denner:2022:BCT


Deluzet:2023:EPS


Dumbser:2020:GCC


Dugast:2020:RFF


Daus:2022:RBM

Esther S. Daus, Markus Fellner, and Ansgar Jüngel. Random-batch method for multi-species stochastic interacting particle


DeCaria:2022:GLM


Diaz:2022:PAC


Duchemin:2023:EER


Dubois:2022:MLF


Dominguez:2020:ODF

REFERENCES


[DhJV+22] Xi Deng, Zhenhua Jiang, Peter Vincent, Feng Xiao, and Chao Yan. A new paradigm of dissipation-adjustable, multiscale resolving schemes for compressible flows. Journal of...


REFERENCES

Discacciati:2020:COH


Despres:2020:MLD


Dominesey:2022:ROM


Dominesey:2023:ROM


Dunton:2020:PEM

REFERENCES


Don:2022:NRS


Duan:2022:EDA


Dong:2023:KFB


Ding:2023:SRU


Dai:2021:POU


Hurtado-de-Mendoza:2022:NMA

Dao:2022:ESA

Dunning:2020:AMR

Dai:2022:MSP


Dong:2023:SRS


Droniou:2023:PDR


Doherty:2023:SFE


Deck:2020:TEP


Ding:2020:CGE

Dolejsi:2021:NST


Delmas:2022:PHO


Duong:2022:ARS


Datta:2023:CEH


Du:2023:FLM

REFERENCES


[dosSantos:2022:ADM] José Cícero Araujo dos Santos, Paulo Roberto Maciel Lyra, João Paulo Rodrigues de Andrade, Artur Castiel Reis de Souza, Ricardo Jorge Morais de Lira Filho, and Durlan Karlo Elisírio de Carvalho. An algebraic dynamic multilevel and multiscale method with non-uniform mesh resolution and adaptive algebraic multiscale solver operator for the simulation
REFERENCES


**Demou:2022:PBD**


**Ding:2020:APC**


**Dhulipala:2022:ALM**


**Dargaville:2020:GBA**


REFERENCES


Leonardo Afonso da Silva Inácio and André von Borries Lopes. Comment on “Progress and investigation on lattice Boltzmann modeling of multiple immiscible fluids or components with variable density and viscosity ratios”. *Journal of*
REFERENCES


Dektor:2023:TRR


Duran:2020:ESS


Dasika:2022:CLS


DelCorso:2022:FCM


Drake:2020:FAA

[Kathryn P. Drake and Grady B. Wright. A fast and accurate algorithm for spherical harmonic analysis on HEALPix grids with applications to the cosmic microwave background radiation. Journal of Computational Physics, 416(??):Article 109544,


REFERENCES


[DY22b] Suchuan Dong and Jielin Yang. On computing the hyperparameter of extreme learning machines: Algorithm and application to computational PDEs, and comparison with
REFERENCES


**Du:2022:EHH**


**Du:2022:HOB**


**Dong:2022:SHO**


**Dorschner:2020:FMR**

REFERENCES

Du:2022:PML

Du:2023:NSN

dezordo-Banliat:2024:SDT

Ding:2023:PIM

Dana:2022:TGS
REFERENCES


REFERENCES


Elzaabalawy:2023:ASR

Ekici:2020:MPN


Edoh:2022:NKE


Eslaminia:2022:FWI


Evans:2019:ANS


Evans:2020:CAN

Elarif:2021:TFB


Efendiev:2020:SIA


Evstatiev:2021:NEA


Etter:2023:CPR


Egan:2020:XRC

REFERENCE


REFERENCES


Ewert:2021:HAS


Engel:2023:BUM


Efendiev:2023:MHR


Eldredge:2022:MIL


Efendiev:2023:NTE

Efendiev:2022:EHE


Elman:2022:SAG


Ejtehadi:2020:MDG


Exl:2021:PMD


Einkemmer:2020:LRP

Einkemmer:2023:RCD


Esquivel:2021:FDS


Esquivel:2022:MEF


Efendiev:2021:TSA


Epstein:2022:DSR

Charles L. Epstein and Manas Rachh. Debye source representations for type-I superconductors, I: the static type I case. *Journ-
REFERENCES

Eremin:2022:ECC


Epp:2023:FCS


Eriksson:2023:BIM


Faghihifar:2022:ERG

Fleischmann:2020:SSM


Feppon:2020:TOT


Fleischmann:2020:LDM


Farago:2020:ABD


Fuhg:2022:MDE

REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


**Farcas:2020:SDA**


**Fomenko:2021:ABI**


**Franceschini:2022:SPF**


**Fang:2022:SFM**


Fei:2022:USP


Feng:2024:SOH


Fortunato:2021:USE


Fehn:2021:HOA


Fei:2021:HPA


[FL23b] Guosheng Fu and Chun Liu. High-order variational Lagrangian schemes for compressible fluids. Journal of Com-


Kejie Fu, Mingjie Liao, Yangshuai Wang, Jianjun Chen, and Lei Zhang. Adaptive multigrid strategy for geometry optimization of large-scale three dimensional molecular mechan-


**Franc:2023:CSC**


**Fehn:2020:HMM**


**Filbet:2022:FPM**


**Franca:2022:MLS**


**Fu:2023:HOS**

[FOL23] Guosheng Fu, Stanley Osher, and Wuchen Li. High order spatial discretization for variational time implicit schemes: Wasserstein gradient flows and reaction-diffusion systems.
REFERENCES


Fumagalli:2023:WPV


Falcone:2020:MSI


Fryklund:2023:IEM


Feng:2023:ESS

REFERENCES


REFERENCES

Furfaro:2020:TSC


Falabino:2022:CUF


Fang:2022:CFE


Feng:2022:MOB


Feng:2023:DRL

REFERENCES


[Ferrero:2022:RBM] Andrea Ferrero, Tommaso Taddei, and Lei Zhang. Registration-based model reduction of parameterized two-dimensional con-
REFERENCES

- Fu:2020:DFH

- Fang:2022:PTM

- Fang:2023:SBM

- Fan:2024:DHN

- Freret:2022:EAB
  Lucie Freret, Michael Williamschen, and Clinton P. T. Groth. Enhanced anisotropic block-based adaptive mesh refinement for three-dimensional inviscid and viscous compressible flows.
REFERENCES


[FZ20a] Hongsong Feng and Shan Zhao. FFT-based high order central difference schemes for three-dimensional Poisson’s equation with various types of boundary conditions. Journal
REFERENCES


REFERENCES


REFERENCES


[GAC20] Kaihang Guo, Sebastian Acosta, and Jesse Chan. A weight-adjusted discontinuous Galerkin method for wave propagat-


[GBC23] Timon S. Gutleb and José A. Carrillo. A static memory sparse spectral method for time-fractional PDEs. *Journal of


References

Gonzalez:2021:LN


Gowers:2020:DAD


Gaudreault:2022:HON


Guo:2022:SOA


Gallice:2022:ESP

Gérard Gallice, Agnes Chan, Raphaël Loubère, and Pierre-Henri Maire. Entropy stable and positivity preserving

[Gambarini:2023:ROC]


[Guan:2022:SPT]


[Girault:2022:CMC]


[Galassi:2022:ATI]

REFERENCES


REFERENCES


REFERENCES


[GGH+23] Yaguang Gu, Zhen Gao, Guanghui Hu, Peng Li, and Qingcheng Fu. High order well-balanced positivity-preserving scale-invariant AWENO scheme for Euler systems with gravitational
REFERENCES


REFERENCES


Grosheintz-Laval:2020:WBF


Guo:2020:REI


Grogan:2020:DDM


Guo:2022:ECT


Gao:2022:ROM


**REFERENCES**


REFERENCES


REFERENCES


Giacomin:2022:GCS

Grigoriu:2020:DBI

Gaudreault:2018:KFA

Gaudreault:2021:CKF

Gu:2020:BPE
Yiqi Gu and Jie Shen. Bound preserving and energy dissipative schemes for porous medium equation. Journal


REFERENCES


REFERENCES

Heldmann:2023:PTU


Hyde:2021:OSS


Hertel:2022:CLM


Haas:2020:TSA


Hernandez:2021:SPN

Quercus Hernández, Alberto Badías, David González, Francisco Chinesta, and Elías Cueto. Structure-preserving...

**Huang:2022:MLM**


**Hope-Collins:2023:ADC**


**He:2023:GPP**


**Huang:2020:DAB**

REFERENCES

[Henri:2022:GLS]

[Huang:2023:PRO]

[Hageman:2020:SGM]

[Hageman:2021:RTS]

[Harnish:2023:AWM]
He:2022:MFS


Han:2023:HOS


Heumann:2021:GMW


Ho:2023:AOL


Holst:2020:ETE


Haack:2023:NSM


Higginson:2020:CMC


Hong:2022:TKN


Herty:2021:ADH


Hosseininia:2019:CWM

M. Hosseininia, M. H. Heydari, R. Roohi, and Z. Avazzadeh. A computational wavelet method for variable-order


Helsing:2022:SFS


Huang:2023:CCP


Hitz:2021:CMM


Hwang:2020:TEK


Hartung:2021:LML

REFERENCES


REFERENCES

He:2023:GPS


Hitz:2020:PRM


Hoskins:2023:FHO


Hennessey:2020:HTR


Hou:2020:EPT

Baohui Hou and Dong Liang. Energy-preserving time high-order AVF compact finite difference schemes for nonlin-

[Hu:2020:HTF]


[Hu:2020:RUD]


[Herbst:2022:REL]


[Higginson:2022:CDL]


[Han:2020:ELL]

REFERENCES


Hongying Huang, Jin Li, and Jue Yan. High order symmetric direct discontinuous Galerkin method for elliptic interface problems with fitted mesh. *Journal of Computational Physics*, 409(??):Article 109301, May 15, 2020. CO-


Philipp Hähnel, Jakub Marecek, Julien Monteil, and Fearghal O'Donncha. Using deep learning to extend the range of air pollution monitoring and forecasting. *Journal of Computational Physics*, 408(??):Article 109278, May 1, 2020. COD-
REFERENCES


[Henderson:2023:CMG] Iain Henderson, Pascal Noble, and Olivier Roustant. Covariance models and Gaussian process regression for the wave


REFERENCES


REFERENCES

He:2023:HDN

Howard:2023:MDO

Huang:2020:HOP

Holderied:2020:SPV

Hossain:2023:SSH

[Hajabdollahi:2021:CML]


[Holderied:2021:MKH]


[Hergibo:2023:MFM]


[Hu:2020:FFS]
REFERENCES


REFERENCES

Hajisharifi:2023:NID


Hateley:2020:DLS


Hashemi:2021:TDM


Hennemann:2021:PES


Huang:2022:HOC

Qian-Min Huang, Yu-Xin Ren, Qian Wang, and Jian-Hua Pan. High-order compact finite volume schemes for solving the Reynolds averaged Navier–Stokes equations on the unstructured mixed grids with a large aspect ratio. *Journal of
REFERENCES


**He:2022:SAS**


**Huang:2023:BPP**


**Horsten:2020:HFK**


**Hyman:2022:FTT**

REFERENCES


REFERENCES


REFERENCES


Horstmann:2022:CTS

Huang:2021:TDL

He:2020:ERS

Hester:2021:IAV

HVD23


REFERENCES

Hou:2021:RSS


Huang:2023:GBF


Huang:2020:LCR


Huang:2023:SFS


Huang:2022:HOW

Guanlan Huang, Yulong Xing, and Tao Xiong. High order well-balanced asymptotic preserving finite difference WENO schemes for the shallow water equations in all Froude numbers. *Journal of Computational Physics*, 463(?):??, August 15,
Hu:2023:AMC


Huang:2023:EFG


Huang:2023:BMF


Hong:2020:MFF


He:2020:DDA

Xijun He, Dinghui Yang, and Chunjun Qiu. Dispersion-dissipation analysis of triangular numerical-flux-based discontinuous Galerkin method for elastic wave equations. Journal of Computational Physics, 418(??):Article 109630, October 1, 2020. CODEN JCTPAH. ISSN 0021-9991 (print), 1090-2716
He:2022:NSI


Hu:2022:SSH


Hu:2022:RHD


Hu:2022:MCC


Huang:2022:RHO

REFERENCES

Han:2021:AIA

Hao:2021:FCD

He:2022:SSM

Han:2021:CPH

Han:2023:ENO
Huang:2022:DDD


Ianniello:2020:AME


Idesman:2020:NPS


Iijima:2021:ECF


Issan:2023:PSW

[IK23a] Opal Issan and Boris Kramer. Predicting solar wind streams from the inner-heliosphere to Earth via shifted operator inference. *Journal of Computational Physics*, 473(??):??, Jan-
 REFERENCES


JACQUIER:2021:NIR


JAIN:2022:ACP


JAIWAL:2022:ESS


JAIWAL:2022:NLB


JAIN:2023:ADI

Suhas S. Jain, Michael C. Adler, Jacob R. West, Ali Mani, Parviz Moin, and Sanjiva K. Lele. Assessment of diffuse-interface methods for compressible multiphase fluid flows...

**Jolivet:2021:DRT**


**Jin:2021:NNS**


**Jiang:2023:UMT**


**Joachim:2023:PAN**

REFERENCES


REFERENCES


**Jagtap:2020:AAF**


**Jandaghian:2021:EWC**


**Jacobs:2021:NSP**


**Jiang:2021:PDA**

REFERENCES


REFERENCES


REFERENCES


Jiang:2021:SFI


Jiang:2020:LIE


Jakobsen:2020:CSS


Ji:2020:AIF


Jeon:2022:DDA

Young Jae Jeon, Hee Jun Yang, and Hyea Hyun Kim. A data-driven approach for a macroscopic conductivity model

**Jeong:2022:DWS**


**Jiang:2024:HBM**


**Ji:2020:HRB**


**Ji:2024:TSM**


Krasnov:2023:TPT

Kromer:2022:FBV

Kuzmin:2022:UFE

Kromer:2023:TOA

Kelley:2020:MIG
C. T. Kelley, J. Bernholc, E. L. Briggs, Steven Hamilton, Lin Lin, and Chao Yang. Mesh independence of

**Keita:2021:MCP**


**Kumar:2022:SEL**


**Kolahdouz:2020:IIM**


**Kappeli:2020:OGC**

REFERENCES


Keniley:2020:DET


Krath:2021:EPO


Koshkarov:2022:FNI


Kumari:2023:EFD


Kruk:2021:FVM


REFERENCES


REFERENCES


REFERENCES


REFERENCES


Kim:2021:EHR


Kivva:2021:FCT


Kulka:2022:TAC


Kim:2024:PPN


Kou:2022:IBM


REFERENCES


**Kaltenbach:2020:IPC**


**Kuzmin:2020:LDC**


**Kuya:2021:HOA**


**Koga:2022:LDF**


**Kuya:2022:MWA**

[KK22b] Yuichi Kuya and Soshi Kawai. Modified wavenumber and aliasing errors of split convective forms for compressible flows. *Journal of Computational Physics*, 464(?):??, September 1,
<table>
<thead>
<tr>
<th>Reference</th>
<th>Authors</th>
<th>Title</th>
<th>Journal</th>
<th>Volume and Issue</th>
<th>Page Numbers</th>
<th>Year</th>
<th>DOI</th>
</tr>
</thead>
</table>
REFERENCES

**Keshavarzzadeh:2020:GNQ**


**Kaltenbacher:2022:DKL**


**Kim:2020:CES**


**Kenamond:2021:IDB**


**Kenamond:2021:PPC**


Makrand A. Khanwale, Alec D. Lofquist, Hari Sundar, James A. Rossmanith, and Baskar Ganapathysubramanian.


Kang:2022:VMI


Kashefi:2022:PIP


Kusch:2020:FSG


Kou:2023:JPS


Kim:2023:SCA

Keim:2023:RMN


Katsaounis:2020:BPW


Kopriva:2022:TFOa


Kadeethum:2021:EGD


Krumscheid:2020:QUS

Klyuchinskiy:2021:CTR


Klibanov:2022:NVS


Kalinov:2022:DSM


Kuya:2023:KEE


Kantarakias:2023:SAC

REFERENCES


Kantarakias:2023:SEG


Kuhl:2022:DAM


Kochi:2023:SCU


Kelly:2023:PBO


Koliesnikova:2021:UFC

[KRL21] Daria Koliesnikova, Isabelle Ramière, and Frédéric Lebon. A unified framework for the computational comparison of adaptive mesh refinement strategies for all-quadrilateral and


Kaltenbacher:2022:FTS


Karam:2022:HOPb


Karam:2022:HOPa


Kilgour:2022:IBB


Karam:2023:TFP

Krais:2020:SFA


Kingora:2022:NIF


Koch:2020:MTP


Khanwale:2023:PBS


Kwon:2020:MIB


Kumar:2024:AMG


Karumuri:2020:SFS


Kahana:2020:OSB


Kahana:2022:PID

Adar Kahana, Eli Turkel, Shai Dekel, and Dan Givoli. A physically-informed deep-learning model using time-reversal for locating a source from sparse and highly noisy sensors data. *Journal of Computational Physics*, 470(??):??, December 1, 2022. CODEN JCTPAH. ISSN 0021-9991 (print), 1090-2716
Katrutsa:2023:EDM


Kushch:2020:NAM


Katsoulakis:2020:DDV


Kapidani:2023:HOG


Koellermeier:2023:HMM

Julian Koellermeier and Hannes Vandecasteele. Hierarchical micro-macro acceleration for moment models of kinetic equations. *Journal of Computational Physics*, 488(??):??, September 1, 2023. CODEN JCTPAH. ISSN 0021-9991 (print),


REFERENCES


REFERENCES

Koch:2022:NMD


Kawai:2022:GRM


Kong:2023:EESb


Lozano:2021:IFS


Lakoba:2020:SIF

REFERENCES


REFERENCES


REFERENCES


Li:2022:DIM


Lyu:2023:SEP


Liu:2023:AAD


Larios-Cardenas:2022:ECN


Larios-Cardenas:2022:HIS

Luis Ángel Larios-Cárdenas and Frédéric Gibou. A hybrid inference system for improved curvature estimation in


[LCL22a] David Labeurthre, Ansar Calloo, and Romain Le Tellier. High-order Wachspress functions on convex polygons through com-


REFERENCES

Li:2021:BPH


Lin:2023:PPS


Liu:2023:SON


Li:2020:WER


Lespagnol:2020:HOA


REFERENCES


REFERENCES

Lepage:2021:AMI

Levy:2022:POT

Spina:2024:HDG

Liang:2024:NTN

Li:2021:LDS
REFERENCES


[LFY21] Haoya Li, Yuwei Fan, and Lexing Ying. A simple multi-scale method for mean field games. *Journal of Computa-
REFERENCES


Tongtong Li, Anne Gelb, and Yoonsang Lee. Improving numerical accuracy for the viscous-plastic formulation of sea


Liu:2024:OMS


Lee:2021:RMP


Liao:2020:HOA


Li:2021:WBE


Linka:2021:CAN

REFERENCES


REFERENCES

Lin:2020:DPS


Lin:2021:TFI


Lv:2023:DRQ


Liu:2021:MRT


Lin:2021:ABE


Liu:2020:SSP


Liu:2020:MCN


Liu:2021:NWB


Liu:2023:DNS


Liu:2023:HOM


Lan:2022:HOM


Lin:2021:ATF


Latimer:2021:SAS


Lu:2020:TSD


REFERENCES


Lee:2023:GPB  

Luo:2023:FPI  

Leiter:2023:TSB  

Lan:2023:OSB  

Luo:2020:FIH  
Li Luo, Lulu Liu, Xiao-Chuan Cai, and David E. Keyes. Fully implicit hybrid two-level domain decomposition algorithms for two-phase flows in porous media on 3D unstructured grids. *Journal of Computational Physics*, 409(??):Article 109312, May


Lallemand:2021:LBM


Li:2022:RDG


Li:2023:SMT


Lee:2021:GUO


Li:2020:VTN

REFERENCES


REFERENCES

Li:2023:CCL


Li:2022:VCF


Li:2023:OSH


Li:2021:CEH


Lin:2023:CHD

REFERENCES


REFERENCES

Lee:2021:OPS


Lou:2021:VEF


Lundow:2022:ECP


Li:2023:PLM


Liu:2023:DMT


REFERENCES


Lou:2021:PIN


[LMK21]

Lundquist:2020:EEM


[LMN20]

Lye:2020:DLO


[LMR20]

Lario:2022:NNL


[LMS+22]

Lederer:2023:HOP

Lopez-Menchon:2022:PMC


Liu:2021:NST


Liu:2021:DNS


Lin:2023:BDE


Lauren:2021:SPI

REFERENCES


REFERENCES


[LOL22] Zhe Li, Guillaume Oger, and David Le Touzé. A partitioned framework for coupling LBM and FEM through an implicit IBM allowing non-conforming time-steps: Application to fluid-structure interaction in biomechanics. *Journal of Computational Physics*, 449(??):Article 110786, January 15,


REFERENCES

Lozano:2023:SMD


Liu:2023:MCA


Lischke:2020:WFL


Limare:2023:HLS


REFERENCES


[Lindeberg:2021:HOF] Ludvig Lindeberg, Ylva Ljungberg Rydin, and Leighton M. Watson. A high-order finite-difference scheme to model the...
REFERENCES


[Lai:2022:SAI]


[Lipnikov:2023:CHO]


[Lam:2020:Esa]


[Li:2020:NSO]

REFERENCES


REFERENCES


REFERENCES


Liang:2022:FOL


Li:2023:ECF


Liu:2023:CGA


Li:2023:SDB


Lin:2020:CSR

Cheng-Chuan Lin and Fu-Ling Yang. Continuum simulation for regularized non-local $\mu(I)$ model of dense granular flows. *Journal of Computational Physics*, 420(?):Article 109708, November 1, 2020. CODEN JCTPAH. ISSN 0021-9991 (print),


REFERENCES


Lu:2023:IRP


Li:2020:PMC


Li:2022:FIT


Liu:2022:IHO


REFERENCES


**Li:2022:ALEa**


**Li:2022:AIB**


**Li:2022:DDL**


**Liu:2022:FCS**


**Li:2021:ACF**

[LZZ21a] Liang Li, Jun Zhu, and Yong-Tao Zhang. Absolutely convergent fixed-point fast sweeping WENO methods for steady


Marche:2020:CHD


Martaud:2023:GES


Messenger:2021:WSP


Marchner:2021:SPM


Moraes:2022:AAD

REFERENCES

Martin:2023:AEI


Meng:2021:SSS


Meng:2021:MFB


Mitchell:2022:SLB


Moller:2023:DGH


REFERENCES

McClenny:2023:SAP

Muralikrishnan:2020:MAT

Medale:2020:ODF

Modave:2023:HDG

Mou:2023:EDD


[MD20b] Yann Moguen and Erik Dick. Diffusion and dissipation in acoustic propagation simulation by convection-pressure split


Jay Mayfield, Yijin Gao, and Songting Luo. An asymptotic Green’s function method for the wave equation. *Journal of


REFERENCES


Lijie Mei, Li Huang, and Xinyuan Wu. Energy-preserving exponential integrators of arbitrarily high order for conservative or dissipative systems with highly oscillatory solutions. *Journal of Computational Physics*, 442(?):Article 110429, October 1, 2021. CODEN JCTPAH. ISSN 0021-9991 (print), 1090-2716
REFERENCES


Mao:2023:IGP


Mao:2021:VIP


Mantravadi:2023:HDE


Meng:2020:CNN


Mehlmann:2021:SID

Carolin Mehlmann and Peter Korn. Sea-ice dynamics on triangular grids. *Journal of Computational Physics,*
**REFERENCES**


[ML23] Yashar Mehmani and Kangan Li. A multiscale preconditioner for microscale deformation of fractured porous media. *Journal of Computational Physics*, 482(??):??, June 1,
REFERENCES


Menon:2021:QAK


Minoshima:2021:LDH


Mirjalili:2021:CEC


Mirjalili:2022:CCE


Mir:2023:DRP

REFERENCES


Ilyes Moufid, Denis Matignon, Rémi Roncen, and Estelle Piot. Energy analysis and discretization of the time-domain equiv-


REFERENCES


Menez:2023:AVP


Mistani:2023:JDN


Munoz-Perez:2020:SGH


McGregor:2022:VSS


Miller:2022:NNB


Mortier:2022:MAP


Morvillo:2021:SPA


Meyers:2021:KOM


Magiera:2020:CAN


[MRT+22] Y. Morita, S. Rezaeiravesh, N. Tabatabaei, R. Vinuesa, K. Fukagata, and P. Schlatter. Applying Bayesian op-

Maurya:2020:NHC


Morse:2021:RSE


Maes:2020:USF


Mullner:2020:NSM


Guillaume Mialhe, Sébastien Tanguy, Léo Tranier, Elena-Roxana Popescu, and Dominique Legendre. An extended model


[MVO+22] J. Michel, A. Vergnaud, G. Oger, C. Hermange, and D. Le Touzé. On particle shifting techniques (PSTs): Analysis of ex-


REFERENCES


REFERENCES

Mo:2023:ILB


Mou:2022:NMM


Marchildon:2020:OMD


Ma:2022:FOU


Mirhoseini:2023:MRC

REFERENCES


[Nguyen:2022:HOS] Tuan Dung Nguyen, Christophe Besse, and François Rogier. High-order Scharfetter–Gummel-based schemes and


REFERENCES

Naddei:2021:SME


Naevdal:2023:CCC


Nardean:2021:NBN


Norddine:2023:RPT

REFERENCES


REFERENCES

Natarajan:2022:MEB

Nicholls:2022:HOS

Nikiforov:2023:MGM

Nishikawa:2020:FAW

Nishikawa:2020:HPS

[Nis20c]


[Nis20d]


[Nis21]


[Nis22a]

REFERENCES


REFERENCES


Ntoukas:2022:ESP


Naranjo-Noda:2021:LLR


Na:2020:DNC


Nordstrom:2022:NLP

Nordstrom:2022:SSE


Nguyen:2023:EAN


Nennig:2020:HOC


Nguyen:2023:POD


Nan:2022:HOM


REFERENCES


REFERENCES


Kian Chuan Ong and Ming-Chih Lai. An immersed boundary projection method for simulating the inextensible vesicle dynamics. *Journal of Computational Physics*, 408(??):Article 109277, May 1, 2020. CODEN JCTPAH. ISSN 0021-9991 (print), 1090-2716 (electronic).
Onder:2023:DLI


Orsi:2023:FIS


Ong:2021:IBP


OReilly:2020:ECS


Olivier:2023:FIV

REFERENCES


[OSL22] Kian Chuan Ong, Yunchang Seol, and Ming-Chih Lai. An immersed boundary projection method for solving the

Ouaknin:2021:PAS


Oliva:2022:TFW


Ohmichi:2021:MFT


Ouyang:2022:HSP

REFERENCES


Renato Paciorri and Aldo Bonfiglioli. Accurate detection of shock waves and shock interactions in two-dimensional

[Patil:2020:RTR]


[Poette:2022:EUC]


[Peng:2020:APP]


[Pertant:2021:FVM]

Peters:2022:FDC


Piroozmand:2023:DRR


Panchal:2023:SED


Parsani:2021:HOA


Ponga:2020:LSI

REFERENCES

Piccioli:2022:MBF


Parish:2021:WLS


Perot:2021:MMP


Pudykiewicz:2022:CEE


Pan:2023:DFM

REFERENCES


REFERENCES


REFERENCES

<table>
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<tr>
<th>Ref</th>
<th>Author(s)</th>
<th>Title</th>
<th>Journal</th>
<th>Volume, Issue, Page Range, Date</th>
<th>CODEN</th>
<th>ISSN (Print), ISSN (Electronic)</th>
<th>URL</th>
</tr>
</thead>
</table>
REFERENCES


**Peng:2023:NGM**


**Pang:2022:AAB**


**Pulliam:2020:IEP**


**Pathak:2023:TDN**


Papoutsakis:2020:SCC

Psaros:2022:MLP

Peyvan:2021:FRU

Park:2023:DMM

Peton:2020:IBM


José Miguel Pérez, Soledad Le Clainche, and José Manuel Vega. Reconstruction of three-dimensional flow fields from


REFERENCES


REFERENCES

Pan:2022:HOA


Pinto:2022:SIE


Potluri:2023:HOD


Putz:2022:GAG


Pares:2021:WBH


References


REFERENCES


Padrino:2020:CAS


Perot:2020:FSM


Palitta:2023:SBP


Pironneau:2023:RCR


Petropavlovsky:2022:TDS

Pukhov:2020:XDM


Poette:2020:NIM


Pereira:2022:PAH


Prescott:2024:EML


Pan:2022:NFS

REFERENCES


REFERENCES

[579]

Park:2022:PIN


Penwarden:2022:MMP


Penwarden:2023:MAP


Pan:2020:HOA


Pan:2023:MDF

Qin:2020:DNS


Quan:2023:FEC


Qin:2021:RGC


Qin:2023:HPF


Qu:2022:LTD

Qin:2020:TPM


Qadeer:2021:SFE


Qi:2023:DDS


Qiu:2020:DDM


Qin:2022:PFM


Qian:2023:ECS


Qiao:2023:SPN


Qian:2023:PIN


Rondeau:2021:TPM


Rumpler:2023:MMW

[RA23] Romain Rumpler and Quirin Aumann. MWCAWE: a multivariate WCAWE approach for parametric model order reduction, and a sampling strategy for the bivariate case.
REFERENCES


Robaux:2021:DVN


Rullan:2022:HGS


Rossat:2022:BIU


Ruzayqat:2023:UEU


Rojas:2021:RPE


REFERENCES

JCTPAH. ISSN 0021-9991 (print), 1090-2716 (electronic).


Xuan Ruan, Matthew T. Gorman, Shuiqing Li, and Rui Ni. Surface-resolved dynamic simulation of charged non-spherical particles. *Journal of Computational Physics*, 466(??):??, October 1, 2022. CODEN JCTPAH. ISSN 0021-9991 (print),
Ruiz-Girones:2021:MIG

Raynaud:2022:MEP

Reuber:2020:ABI

Reissmann:2021:AGE

Rodriguez:2022:PTR
Rodriguez, Athanasios P. Iliopoulos, Kevin T. Carlberg, Steven L. Brunton, John C. Steuben, and John G. Mi-


Ricardo:2024:EEC


Resseguier:2022:RTE


Ramezanian:2020:OPS


Rangarajan:2020:ABA


Rath:2023:IPR

REFERENCES


REFERENCES

Ramabathiran:2021:SSP


Rodriguez:2021:GLC


Rettinger:2022:EFW


Reyes:2023:ROM


Rueda-Ramirez:2021:SCD


REFERENCES


Ramani:2023:FDS

Rosenberger:2023:NPE

Rocha:2020:MMM

Regazzoni:2022:CEM

Romero:2020:MDL
REFERENCES


[RWH+24] Jacob Rains, Yi Wang, Alec House, Andrew L. Kaminsky, Nathan A. Tison, and Vamshi M. Korivi. Constrained optimized dynamic mode decomposition with control for phys-
REFERENCES


REFERENCES


Stammer:2023:MEM


Sharan:2022:HOD


Shiea:2020:NFV


Svolos:2020:USD


Shallcross:2022:ECB


Shukla:2020:WAD


Stanier:2020:CPH


Chen:2022:ADP


Schroeder:2022:LDF


Stoyanovskaya:2021:FMS

Olga Stoyanovskaya, Maxim Davyдов, Maxim Arendarenko, Elizaveta Isaenko, Tamara Markelova, and Valeriy Snytnikov. Fast method to simulate dynamics of two-phase medium with


REFERENCES


Ser23  A. Serezhkin. HLLEPJ and HLLCEPJ Riemann solvers for the Wilkins model of elastoplasticity. *Journal of Computational Physics*, 492(??):??, November 1, 2023. COD-


Shashkov:2023:AMB


Shi:2023:MPP


Siegel:2023:GTA


Shen:2020:ESF


Schwarzmeier:2023:CFS

Shands:2023:MMC

Scullard:2020:ASS

Sugaya:2022:TFS

Simonnet:2023:CNE

Singh:2021:AEA
[Sin21] Mehakpreet Singh. Accurate and efficient approximations for generalized population balances incorporating co-

**Sierra:2021:ABS**


**Shukla:2021:PPI**


**Sharma:2023:FDM**


**Shashkov:2023:MBI**


Nao Shima, Yuichi Kuya, Yoshiharu Tanaki, and Soshi Kawai. Preventing spurious pressure oscillations in split convective form discretization for compressible flows. *Journal of Computational Physics*, 427(??):Article 110060, February 15, 2021. CODEN JCTPAH. ISSN 0021-9991 (print), 1090-2716


REFERENCES


REFERENCES


Sakakibara:2021:FDC


Subramanian:2021:MEP


Subramanian:2022:NIE


Shiroto:2022:MEC


Sirignano:2020:DDL

Scherr:2023:VFB


Song:2020:NEP


Suss:2023:HLB


Singh:2022:NTD


Singh:2022:DFV


REFERENCES


REFERENCES

Santelli:2021:FDS

Sousedik:2022:SGM

Su:2023:FOA

Sun:2023:IAD

Sandim:2020:SRB


Shen:2020:CSI


Schwander:2021:COS


Shahmardi:2021:FEH


Shahane:2021:HOA


Shi:2022:CPN

REFERENCES


REFERENCES


REFERENCES

Shi:2020:APU


Sundaram:2022:NOH


Sokolov:2023:HRF


Schneider:2022:EKI


Sun:2022:MSD

[SSX22] Jiawei Sun, Chi-Wang Shu, and Yulong Xing. Multisymplectic discontinuous Galerkin methods for the stochastic Maxwell equations with additive noise. *Journal of


[Ste22] David B. Stein. Spectrally accurate solutions to inhomogeneous elliptic PDE in smooth geometries using function inten-

**Schaefer:2017:SGA**


**Schaefer:2022:CSG**


**Sadr:2020:GPR**


**Stiller:2020:SDC**


Schoutrop:2021:MTP


Schimming:2021:NME


Semenov:2022:SEM


Spiteri:2023:FSR


Shankar:2021:EHO

REFERENCES


Shen:2023:MDS


Sheng:2021:PPF


Seraj:2023:DTS


Shao:2023:GVL


Shao:2023:GCL

REFERENCES

Sakurai:2019:VPI

Sakurai:2021:CVP

Song:2023:NAO

Su:2021:UFO
REFERENCES


Takahashi:2023:FTD


Trappler:2021:RCN


Tazhimbetov:2023:SFG


Tominec:2021:URF


Tekbas:2023:FDT

Tekbas, Kenan and Jean-Pierre Bérenger. Finite-difference time-domain (FDTD) method with non-homogeneous cells filled with voxels. *Journal of Computational Physics*, 489 (?):??, September 15, 2023. CODEN JCTPAH. ISSN
Tregan:2020:CID


Tissot:2020:OCS


Tang:2022:FSS


Trask:2020:CCS


Tartakovsky:2021:PIM

Tipireddy:2020:CKL


Taghizadeh:2022:EPI


Tushar:2023:DPC


Tangtartharakul:2021:PIP

REFERENCES


REFERENCES


Hart:2022:PPG


Troescher:2023:FIH


Theillard:2021:VPR


Trask:2022:EEP


Taverniers:2021:MIE

REFERENCES


REFERENCES


Toh:2023:CTO


Tot:2023:TTV


Tow:2020:SAL


Thirumalaisamy:2022:HNR


Thomann:2020:ASS

Tiwari:2022:FRC


Tsilifis:2020:SPC


Tu:2022:LSS


Tano:2021:SNA


Tranquilli:2022:DVS

Paul Tranquilli, Lee Ricketson, and Luis Chacón. A deterministic verification strategy for electrostatic particle-in-cell algorithms in arbitrary spatial dimensions using the
REFERENCES


**Todorova:2020:QAC**


**Tsoutsanis:2023:SSA**


**Thari:2022:ATB**


**Treleaven:2020:APM**


**Torres-Sanchez:2020:ATF**

REFERENCES


Zengqiang Tan and Huazhong Tang. A general class of linear unconditionally energy stable schemes for the gradient flows, II. *Journal of Computational Physics*, 495(??):??, December 15, 2023. CODEN JCTPAH. ISSN 0021-9991 (print), 1090-2716


Tong:2020:HOA


Tang:2022:ADD


Tan:2022:EPP


Tu:2022:NAS

Houwang Tu, Yongxian Wang, Chunmei Yang, Xiaodong Wang, Shuqing Ma, Wenbin Xiao, and Wei Liu. A novel al-


REFERENCES


Umeda:2023:NIR


Unfer:2021:TOA


Ubeda:2020:AGR


Upperman:2022:PPE


Vabishchevich:2023:SSD

Vasilyeva:2021:MDR


Vadeboncoeur:2023:FPD


vanWout:2022:SEF


Vasilyeva:2023:EDS


Villamizar:2022:HOL

REFERENCES


REFERENCES


Vu:2023:AMC


vanGestel:2023:ADG


Vauchel:2023:MEN


Vaughn:2021:TAG


REFERENCES

Vakilipour:2021:FCA

REFERENCES


A. W. Vreman. Corrigendum to “A staggered overset grid method for resolved simulation of incompressible flow around


REFERENCES


Veiga:2021:AHO


Wenzel:2023:CIR


Wong:2021:PPH


Wang:2022:CLA


Wang:2023:SEL

REFERENCES


Yiran Wang, Eric Chung, and Shubin Fu. A deep learning based reduced order modeling for stochastic underground flow


Sebastian Wolf, Martin Galis, Carsten Uphoff, Alice-Agnes Gabriel, Peter Moczo, David Gregor, and Michael Bader. An efficient ADER-DG local time stepping scheme for 3D HPC


REFERENCES


REFERENCES


REFERENCES


Wagner:2021:BMI

Wang:2020:DAG

Wang:2021:IEM

Wang:2020:MGK

Wang:2021:DLF
REFERENCES


Wissocq:2022:HLN

Wang:2022:RAS

Weady:2022:FCM

Walters:2022:CIF

Wang:2021:GPG


REFERENCES


REFERENCES


[Wang:2022:LBP]


[WYHL21]


[WYP22]


[WYS20]

REFERENCES


(WZ23b) Jon Wilkening and Xinyu Zhao. Spatially quasi-periodic bifurcations from periodic traveling water waves and a method


[XBH+22] Qing Xia, Jeffrey W. Banks, William D. Henshaw, Alexander V. Kildishev, Gregor Kovačič, Ludmila J. Prokopeva, and Donald W. Schwendeman. High-order accurate schemes for


[XCL+21] Xiaocong Xu, Yipei Chen, Chang Liu, Zhihui Li, and Kun Xu. Unified gas-kinetic wave-particle methods V: Di-

**Xiong:2022:CAS**


**Xu:2020:DPD**


**Xu:2022:PCL**


**Xuan:2021:DLS**

REFERENCES


REFERENCES


[XLZ21] Jianqiang Xie, Dong Liang, and Zhiyue Zhang. Energy-preserving local mesh-refined splitting FDTD schemes for two


Xiao:2023:PCB


Xu:2020:LSI


Xiong:2022:HOA


Xie:2020:FOK


Xu:2020:HDR

REFERENCES


Yang:2021:NFD


Yanaoka:2023:ICN


Ye:2020:LCB


Yu:2022:DFT


Yeung:2022:LRD

REFERENCES


[YD20] Zhiguo Yang and Suchuan Dong. A roadmap for discretely energy-stable schemes for dissipative systems based on a generalized auxiliary variable with guaranteed positivity. Jour-
Yu:2022:MRL


Ying:2021:NBP


Yatsuyanagi:2022:DFM


Yang:2021:MLT


Yang:2021:CFE


[YH22a] Xiaofeng Yang and Xiaoming He. Numerical approximations of flow coupled binary phase field crystal system: Fully discrete finite element scheme with second-order temporal accuracy and decoupling structure. Journal of Computational Physics, 467(?):??, October 15, 2022. CODEN JCTPAH. ISSN 0021-9991 (print), 1090-2716 (elec-

[Yu:2022:MOR]  


[Yan:2022:GBD]  


[Yin:2023:APN]  


[Yamashita:2023:SAS]  

REFERENCES

Yin:2021:FOC


Yin:2022:ACL


Yan:2023:SMS


Yang:2021:EMG


Ye:2023:IDP

Yang:2022:CPH


Yeo:2020:UME


You:2020:DRM


Yang:2022:NAS


Ye:2020:MRI

[YKdHC20] Ruichao Ye, Kundan Kumar, Maarten V. de Hoop, and Michel Campillo. A multi-rate iterative coupling scheme for simulating dynamic ruptures and seismic waves generation in the prestressed earth. *Journal of Computational
REFERENCES


Guoqiao You and Shingyu Leung. Eulerian algorithms for computing some Lagrangian flow network quantities. *Journal of
REFERENCES


Yue:2024:NSC


Yang:2020:PFD


Yang:2023:MMP


Yu:2023:CMF


Yang:2020:UMF

[YLNT20] Zongze Yang, Fawang Liu, Yufeng Nie, and Ian Turner. An unstructured mesh finite difference/finite element method for the three-dimensional time–space fractional Bloch–Torrey


Yang:2021:BPB


Yin:2021:CMM


Yuan:2022:PAP


Yousefi:2020:NWB


Yee:2020:QPF

REFERENCES

Yu:2022:IBM

Yu:2024:RPI

Yushutin:2020:NMP

Yao:2022:VLP

Yao:2021:TDM
Hongbo Yao, Zhengyong Ren, Huang Chen, Jingtian Tung, Yuanao Li, and Xu Liu. Two-dimensional magnetotelluric finite element modeling by a hybrid Helmholtz-curl formulae system.
Yang:2022:CMF


Yamamoto:2022:MCS


Yang:2023:ADN


Yang:2021:HOT


Yin:2023:CMM

Xi-Yuan Yin, Kai Schneider, and Jean-Christophe Nave. A Characteristic Mapping Method for the three-dimensional...


Yang:2021:FKB


Yang:2023:ACA


Yoon:2020:RMH


Yang:2023:MTN


Zhang:2021:IMF


Zoller:2023:PCS


Zhou:2020:CMP


Zhao:2020:RTM


Zapata:2021:CLS

Zeifang:2021:DDH


Zhou:2021:AST


Zhao:2021:IIU


Zhao:2023:MGM


REFERENCES

---

Zhang:2023:RDS


Zhan:2022:WFG


Zhang:2020:RDG


Zhang:2019:HOP


Zhang:2020:CHO

[ZCQ20a] Min Zhang, Juan Cheng, and Jianxian Qiu. Corrigendum to “High order positivity-preserving discontinuous Galerkin schemes for radiative transfer equations on triangular meshes”


Zeng:2022:DNN


Zinchenko:2021:AFH


Zhou:2020:MLR


Zhang:2021:CDD


Zhang:2023:HOA

Zhihao Zhang, Junming Duan, and Huazhong Tang. High-order accurate well-balanced energy stable adaptive moving mesh finite difference schemes for the shallow water equations with non-flat bottom topography. *Journal of Computational Physics*, 492(??):??, November 1, 2023. CO-


REFERENCES


Zhao:2020:BTI


Zhao:2021:SOD


Zhan:2023:NTS


Zhang:2022:MSM


Zhang:2021:LRB

Zhang:2021:SCP


Zhao:2020:BTH


Zhou:2023:NNW


Zhang:2022:FDL


Zhao:2024:CEF

[ZIMA24] Shan Zhao, Idowu E. Ijaodoro, Mark McGowan, and Emil Alexov. Calculation of electrostatic free energy for the nonlinear Poisson–Boltzmann model based on the dimensionless
REFERENCES

Zhao:2021:NCM

Zhao:2022:MPM

Zhao:2023:DDP

Zhao:2022:CHO

Zhao:2023:DMC
Fengxiang Zhao, Xing Ji, Wei Shyy, and Kun Xu. Direct modeling for computational fluid dynamics and the construction


Zhang:2021:STH


Zhang:2021:RFI


Zou:2022:FDM


Zhao:2022:CPM


Zhong:2020:NSP

Zeng:2023:CAL


Zhang:2023:SRD


Zhang:2022:SEP


Zhao:2021:ATL


Zhang:2022:TSF

REFERENCES


REFERENCES

Zhao:2023:SLF

Zhang:2022:DIR

Zhang:2023:TWC

Zepeda-Nunez:2021:DDC

Zala:2023:COB
[ZNK23] Vidhi Zala, Akil Narayan, and Robert M. Kirby. Convex optimization-based structure-preserving filter for multi-
REFERENCES


Theodoros T. Zygiridis, Aristeides D. Papadopoulos, and Nikolaos V. Kantartzis. Error-optimized finite-difference modeling of wave propagation problems with Lorentz material dispersion.
Zhu:2021:GSI


Zhang:2023:ETT


Zhao:2020:HWS


Zhang:2023:CMDa

REFERENCES


Zhao:2021:FEM

Zhang:2020:DCT

Zhang:2021:MRS

Zhu:2020:NTT

Zhang:2021:RCM
Qinglong Zhang and Wancheng Sheng. A random choice method based on the generalized Riemann problem for the Euler equations in gas dynamics. *Journal of Computational Physics*, 441(??):Article 110431, September 15, 2021. CODEN JCTPAH. ISSN 0021-9991 (print), 1090-2716 (elec-
REFERENCES

Zhao:2021:HMC

Zeifang:2022:ITD

Zhang:2022:GSA

Zulian:2022:CAN

Zhang:2023:IMS
Zhilang Zhang, Chang Shu, Yangyang Liu, Wei Liu, and Muhammad Saif Ullah Khalid. An improved M-SPEM for modeling complex hydroelastic fluid-structure interaction problems. *Journal of Computational Physics*, 488(??):??, September 1, 2023. CODEN JCTPAH. ISSN 0021-9991 (print), 1090-2716...
REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


Zhang:2020:WGF


Zhang:2023:SDC


Zhang:2023:FOF


Zhao:2023:WBF


Zhang:2020:RES

Zhu:2022:DRM


Zheng:2020:PIS


Zhan:2020:URS


Zhao:2022:BEM


Zhao:2023:ESM


Zeng:2022:ADN


Zhang:2023:ECS


Zhang:2023:LFS