Title word cross-reference

(0, +∞) [DO17a]. (m, ℓ) [Fuj02]. (q, h) [GS15b]. (r + 1)st [ZZW97]. 0 < θ < 1 [TM05]. 1 [EP15, HWCF15, KD13, KKR15, LW07, Now96, SS00, Vej10, ZL18]. 1 + 1 [MPSS16]. 1/t [AM16b]. 1s [CPD⁺05]. 2 [AG05a, AEMX17, Ant13, AC96, BF15, Cau08, CCM02, CCM17, DMPSC16, Fou00, Gon06, HGP11, HHR12, LPR00b, LLHC17, Mur99b, RZ00, Sch02, TCCW89, VA05, WBCK02, YZ17]. 2d [SL17]. 3 [Ant13, ASC03, BV94, BS08, CPZ17, FMS18, HW15, HZ12, Jay95, Kal96, KNP16, KLSW06, Mai06, MKH16, NBNTGV11, NRR06, Ost93, PSP05, PPC00, Ran15, Sha98, Ste97, TYKK01b, WSY18, WSC09, YH00, Zha09]. 4 [EHM01, Ran15]. 6(5) [CV95]. 7 [AB15]. 7(6) [CV95]. 8 [PPS05]. 9(8) [Tsi01]. 90 [EST15]. [H⁻¹, L², L²] [KLY05]. 1 [PZMX16, Zho18]. ∞ [Hua98]. m [BE99]. 1 [Kan04]. 2 [F₂ [JJ15]]. 3 [F₂ [JJ15]]. q [Bec02]. A [GPHAM12, SCvdH92, ZZW97, BC89a, Cha96, ST89]. Ax = b [Cu95]. B [HCX03, AFK92, FSU89]. β [AFS00, Sus10]. C⁰ [LHC09]. C¹ [DS17, Ber86, RL86]. C³ [VCI0]. C₁ [Arc06]. H₂ [FG13]. cos(z) [VC10]. cos π/2x² [Coh90]. 0 [BDV17, DM97, LL02, MdR05, PPS04b]. δ [XZL07]. ϵ² [WSY18]. t₁ [CXZ14]. e [Tan87, FR01, GGS04]. η [BSGU94]. exp(z) [IN89]. F_n(z) = f_n o ⋯ o f₁(z) [Gil91]. G [Lev91a, BHH01, SS10, BC89a]. G² [FPT03]. γ [JN07]. GL(E) [Ben98]. H [MS08b, AOW94, Mus11, SS00, TM05].
Usm97, VO00a, Wan96. $H^1$ [KS02]. $H^\theta$ [TM05]. $H_1$ [ZH18]. $L^2$ [ZH18]. $h_p$
[tSqWyG16, AS97, AK00, BTP96, B"ur12, DF96, FM95, GHH09, Mus11, SGS00]. $LU$
[PRGO16], $k$
[DS97a, GH91, Jac88, KF97, Lem88]. $K_2(P_2)$
[SHA12]. $L$ [FRV11, dACR10]. $L^1$ [GKA17]. $L^\infty$ [LZ14]. $L^\infty(L^2)$ [Dek17]. $L^q$ [Doi14]. $L_1$
[YP18b]. $L_2$ [MB08]. $L_q$ [DKK94]. $LU$
[Doi91, Phi91]. $M$ [GP17]. $R^2$ [Kim14]. $N$
[Gil10, HOS99, Lei99, Lei02, PRST02, DHW09, Lev91b, Li16, SA90, SWCH15]. $P$
[CKL03, SS09, VDVV98, AL09, AOW94, AM16a, BP02, BS96b, CS09, FVGS13,
Gwi09, JJ94, KJ99, KX03, Mai06, ML91, MS00, PPS10, SS00, VO00a, Yos00, dG91]. $p - 3$
[Ver06]. $P_1$ [VB07]. $\phi^4$ [Sus10]. $q$
[TJK18]. $Q_1$ [WCXL09]. $Q_p^{x_0}/Q_0$ [CH07]. $Q_p$
[ST08]. $qd$ [AC10, DS10]. $QZ$ [DSW96]. $r$
[Zeg97, ZZW97]. $R^3$ [HOS11]. $R^d$ [LL02]. $S/P$
[Not92]. $s = 1$ [Beg00]. $S_n$ [YH07].
$\sin(\varepsilon)$ [VC10]. $\sin\pi/x^2$ [Coh90]. $\sqrt{3}$ [JP17]. $T$
[CJM88]. $\theta$ [CHZ14, WGW15, Gan09, BGT97, Fdi97b, Bho11]. $V$
[CK98, NN10]. $\varepsilon$
[DS97a]. $W$
[Nov08, Sch95b, SW95b]. $y^J = f(x, y)$ [CP05a].

- [AOW94, DS97a, Mus11, SS00, VO00a].
- adaptive [BTP96, Usm97].
- algorithm [AC10, GGS04, Tan87].
- anisotropic [GH09].
- averaging [FVGS13].
- based [MS08b].
- Bernstein [GS15b].
- blocking [AFS05].
- body
[HB02, Lei02, PRST02].
- conforming [PZMX16].
- continued [Lev91a].
- convergence [AKF92, HCX03].
- covariance [FSU89].
- cube [BDV17].
- cubic [FPT03].
- cycle [CK98, NN10].
- cycles [KF97].
- Cyclic [PPS10, dG91].
- d
[CCM17, Kal96, Now96, YH00, AG05a, Ant13, KNP16, Sha98, TCCW89, TYKK01b, VA05].
- decreasing [DKK94].
- dimensional [DHW09, Li16, SWCH15].
- energy [DE18].
- extension [TM05].

- FEM [MS00, Yos00].
- finite [AS97, B"ur12, SGS00].
- fraction [CJM88].
- fractions [Lev91b].
- function [Sus10].
- Laplacian [FVGS13].
- mapping [XZL07].
- Maruyama [WGW15].
- matrices [Wan96].
- matrix [HB02].
- mesh [DMR18].
- method [CHZ14].
- methods
[BGT97, Gan09, SW95b, Nov08, Sch95b].
- model [JN07].
- neuron [Bho11].
- norm
[FXZ14, Doi14].
- order [ZZW97].
- orthogonal [DM97, MDR05, TJK18, CKL03, FRV11, dACR10].
- penalty [Zho18].
- periodic [Jac88, Lem88].
- phase [TCCW89].
- point
[EHM01, ZZW97, Gil10].
- quadratic [LL02].
- quasilinear [Ben98].
- refinement [DF96, FM95, JP17, Zeg97].
- spectral
[tSqWyG16].
- stability
[BC99a, Cha96].
- stable [ST09, GPHAM12, SCvdH92, SS09, VDVV98, ZZW97].
- stage
[NBNTGV11].
- step [GH01].
- superconvergence [BSU04].
- tetrahedra [PPS05].
- th
[AL09, AB15, EST15].
- transformation
[BHHS10].
- triangles [PSP04b].
- type
[Fdi97b].
- uniform [FR01].
- version
[AK00, AM16a, CS09, Gwi09, JJ94, KJ99, Mai06, ML91].
- versions [Mus11].

0012 [De 02].

1-D [WKM04].
125 [YP18a].
12th [MH89].
16 [Kni95].
18 [Tsy96].
19th [Ano02g].
2 [BRSD91, BS94a, JLH13, WVBM88].
2009 [Wen10a].
2D [Chu03, LTC03, BP95].
2nd [FJ97, KP07].
3 [BtTBV87].
3-5 [Ano87a].
335-345 [Ano87a].
3d [EH05, CML05, de 92b].
5 [VV95].

60th [CHM09].
61 [ZCSH11a].
8th [vdHWSW98].

95j [Kni95]. 96g [Tsy96].

\(=1\) [Bra00].

A-EFIE [LCJQ12]. A-posteriori [BM13, CMP03, SZ09]. A. [Ano87a, AB2 [LT12]]. Abel [DSK12, SBV17, SS16].


accelerators [Cuy90]. acceptance [HP15]. Accuracy [BVB09, FG09, Hua02, LWD+09, Tur86, Bal00, BH12a, BPTT15, DT10, DS15, EN09, GMGF02, LK07, NW09, Rum87, SG00, SN08, Tsa91, Tsa92].

achievements [AB09b]. achieving [RB12]. acidic [BMP05]. Acoustic [AL87, HD88, CAAT16, GGN12, HD04, HM86, HMP14, KJL12, KL07, LH11, Lee94, RX08].

acoustics [AD15, Har98, IX11, LY16]. across [Gea93, GX93, Jez99]. act [Ise02]. Active [CG13, NU15, HO16, HMW05, LT05, RU07, Sch09]. Adams [AM95b, AGM95, IM98, JL91, Sha87]. Adams-type [AM95b]. Adaptation [BMG12, Bau97, BS97a, But92, CLGD06, FMP04, JM94, Ram94]. adaptations [in 96]. Adapted [AE12, Fra04a, FM11, GHW01, Lin06, LE94, Mat09, TZ00, Van00].

adapting [Kos02]. adaption [BS94b]. Adaptive [AFS11, BCS17, BGS06, BBRBS09, BH97, CP97, DGD03, DM10, DJJ+15, FL09, GHKM09, GS98, IM00, KCW16, KMS10, KS09c, Lan97, LOS03, LGH11, MS05, MT05, Mof95, NRWF08, PSP04a, Pet87, Sar05, SFJ+05, ZW15, AS97, ABR05, AF98, AS06, Aug89, AFLAG+12, AFLP12, AFF+15, AMS17, BLS94, BHJ05, BS14b, BKP09, BKR13, Beh97, BS00a, BC08a, BCU00, BF92b, BTP96, BLY16, BFA93, BDF94, BV94, Bor97, BHR05, BF95, BD11, Bür13, CHR03, Car09a, CR05, Cxz90, CL01b, Chr96, CY05, De 06, DF96, Dol14, DMR18, DGRS09, DH07, FD97, FVB05, FMGN94, FM95, FL+07, GMZ11, GV18, GGO12, GGO16, GDS+15, GM17, HKZ08, HW97, HWCF15, HSY18, JD09, JGK11, Kal96, KDT17, KS09b, LW93, Lan95, Le99, LD10, LLS+96, Log04, DLM16, Man96, MRF00].

adaptive [MZS10, MMT90, MR94, Mit97, MCE+09, Moc95b, NK11, NME13, NRR06, NBP94, Now96, OZ96, PD96, Pic05, Pow94, Qui96, Ran15, SR09, SWW17, Shy86, Shy91a, Shy91b, SG09, Tho85, TLY92, Tse00, Usm97, VO00a, VO00b, Wal00b, WKM04, WPL16, WSS97, WZ17, XZSL15, ZH15, dDF+94].

adaptively [Du11]. Adaptivity [Sö06, Bac17a, BCJ97, BLP01, GH09, Roz05, DGN12].

Addition [MA04, Shy86, Shy91b]. Additive [GGR97, KC03, KFOF02, DLN04, FL01a, GCHR06, HR06, KZ13, Mai09, MH04, NN13, Pan07, TN16, WXL09]. ADER [TH09].

adhesion [NS12]. ADI [AP10, BHSW16, BG16, Den15, FG13, HEC16, JM06, WB03, WPL16, iW07, iW09, iM13]. adiabatic [Rei99]. Adini [HLY04, LH02]. adjacent [Bre91].

Adjoint [BL05, HS97, KS09a, ARS05, CG13,
Ampère [SW11]. Amplitude [PM05, CJ90, Lyn99]. Amplitude-shape [PM05]. AMR [BS94a]. AMSS [CF13a]. analyses [HHR12]. Analysis [AHT17, AMCR17, Ano02g, Bac16, BBD18, BK17, Bec18, BS12, BGHR12, BGH+15, Cai15, CDGA17, CH07, Cod08, CG16, CA15, Cui04, DA16, DGCW17, yDqGnJT09, ELvHS98, EN09, Fra16, GMM09, GS18, GV08, GGO13, HN03, HW04, HS96, HS09b, IV16, JEG10, KLY05, KvyS15, KKE16, LHS00, Par14, Sid14, TMS87, VCC12, VT93, ZdBTO3, vSW90, vS93, AG98, AKGR14, AGP97, AL17, AMH03, Arn95, AC16, AAD14, BBV13, BT97a, Ban97, BM13, BGG04, BBS11, BM00, Ben17, BN12, BRVC09, BCS0a, BLM17a, BW15, BS09, BM09, Buc99, BS12, Bus06, CFCHO9, CFKS07, CG03, Car94, CST18, CKB13, CXX90, CK10, CK13, CDJT06, DEPS15, Dav98, DG10, DR09a, DA17, DXY09, Dob05, DLN04, EL01, FFY08, FY85, FTB97, FH10, FSB97, FR14, FLR08].

analysis [GAML04, CT15, GLV03, GGN12, GHH09, GMP88, GRLL01, HKT10, GSH94, HZ09, Har93, HM00, HH10b, HO16, Jac93, JKN94, Jam93, JTS88, Kel85, Kok08, Kom07, KSO4, KQ13a, KQ13b, KN93, KKR15, KAS17, LH09, LPT94, LZ13, LWD+09, LPZ00, Li01a, LZW17, LT10, Liu09, LRT99, LRE04, MB08, Mag91, MO17, MP96, Man97, MT11, MM07, Mok17, OS12, PD96, PFHL09, PA05, PH17, PSW02, Ran15, RGL16, SMEN04, Sch16b, SS94b, SW94, SZ12, ST05, Sou09, SHG86, TLP18, TX18, TH18, Toc01, TZA13, Ton04, TLSS09, TD09, WY02, JWqW09, Wan17b, WSY18, XZ18, ZZO16, Zhe07, dPT96, vDHV01, BRW17]. Analytic [JR02, L0114, Fat10, Kza02, LSL11]. Analytic-numerical [JR02]. Analytical [ADR17, ESEKZ10, HD04, Boy91a, BH96, GQ89].

angiograms [QM03]. angle [ADK94]. anharmonic [JZJ10]. Anisotropic [AL98, CZS04, CYMO9, DMP08, Do14, FMP04, Sim94b, AG05a, AGJM04, AKL08, DHM09, ESS15, FH08, FM11, GHH09, Linka, MCS06, MM02c, Ngu15, Obe15, TSB10, Wei18]. annular [Phi91, YTZ18]. Ansatz [GT15]. antennas [DDZK05]. anti [BMMZ06, Has08, HJ17]. anti-diffusive [BMMZ06]. anti-Gauss [Has08]. anti-periodic [HJ17]. antidissipative [VW90]. ANUM [LST07]. APP [Noo95]. appearance [SH91]. appearing [KM95]. Appell [AMT17]. Appl [BrTBV87, Kni95, Tsy96, YP18a]. Application [BFH09, CKP15, CJ90, Ewi91, FKA+13, FMP04, HvdHV10, KJC01, KRK16, Rab94, Sid90, SDB15, AK00, AVMV09, AM16a, BG06, CA010, CAD03, CZ04, DF11, Die15, DSSC13, FMS18, FHM+02, Gan96, GS89, Gug05, HK09, Jor11, Kim12, LWCT07, MB08, MG97, MI, Mur98, PG02, QM10, RDH+12, RW87, SST12, Sam94, SS16, Sod91, Sza94, VG04, Vas17, WSP04, ZWK15, BS14a, BGG12, Guo00, LP01, Mur99b]. Applications [AB12a, BS12, BW06, CHM09, DGCW17, DGRS09, FF06, FMZ13, GD09, Gro94, KP07, LP00, MA09, VB99, AES13, BV96, By01, BR01, BPK14, BV94, BDRZ04, Bu04, Ca09a, Chexb, Coh09, DK11, DMP08, DKK94, EH07a, FR14, FM17, GM93, yGQW05, GSW09, HS98, JM16, JM94, KNN03, KF17, Lai09, LGH11, LO96, DLM16, Ost02, OTK04, PC09, ROB17, Riv09, RV05b, Ror06, Sae14, Wen05, WWLS08, vHHS01, LD02]. Applied [Rei85, ZCSH11a, AMT13, AMH03, AC96, Bac14, BGGM12, BTMT08, BJ00, CAS06, DZ12a, DS05, Den15, Fer14, GLo86, HHR12, HO10, HM00, HMW05, IHS13, KDAK16,
LK01, Lei99, LZ17, MOS02, MI03, Mo95, S09, SZE92, SW85, VA05, V50, V50, Wan96, WM07, iW07, iW09, Ano87a].

Approach

[TMS87, AMT17, AD99, AMV03, ARSW05, BMR17, BMM03, BMGG12, BDDV12, BBO03, C13, CCGV08, CA98b, Car94, CLR11, CGCMTR02, CXZ15, CD18, CCJ99, DPPR16, DPP16, DPPR16, FJ17, FV85, For11, GQ89, GRGJ02, GL17, Har98, HP18, HD88, HP14, IHS13, Jes93, KHM14, KK11, KHA12, KL09, KR15, LBLT13, LMSW17, LN08, LP00, MP97, Mit97, Mou03, Nes16, NT16, NV09, RMS17, SC11, SK97, SH09, SW95d, SWR11, VBH96, WCW14, WPL16, Zan01, ZPT92].

Approaches

[CHR03, Min87, AAD08, Buc99, CKS05, Dat99b, DMH18, LWD09, Sv95, WL10].

Approaching

[DL13].

approximants

[Ari87, BW15, Cat10, CPD05, CV88, Dar90, DMGO05, G10, GVP93, IN89, KS91, Ki90a, Mat91, MD05, OGV92b, OGV92a, Pre90, Pre95, Sad97, van86a, v187].

Approximate

[AM09, BLS17, Huc99, SDSC99, BF92a, BT99, BSvdV99, BWY17, BVB10, BVR14, BG02b, CG05, C10, CD18, DS97b, ELvdHS98, E19, ECH01, FV99, GV02, HG98, JMY10, KJ10, MG91, Not92, SY05, SHG86, TZ00, Tar98, WZ02, WMC09, Zha00, Zha14, ZPT92, GPA16].

approximated

[WC02].

Approximation

[ARGA00, AK00, AB14, BM89, DO17a, EL94, HP97, KL98, KCS07, KS01, KP01, Lym12, W10a, ABJ12, ABK12, AEG12, An16, BC12, BLD17, BDGP06, BDP99, BD07, BM05, BKRI13, B19, By01, BGGG13, BM04c, Bho11, Bho12, Bla00, BG14, BV17, BO11, BP85, BMV06, Bre02b, Bre10, BE99, CFS13, CF13a, Che12b, Cho13, Cod08, Cop03, CF05, CD05, CCM17, CLS04, Coy12, DZ12a, DDP12, DO17b, DR09b, DNN18, DVGVO09, DB95, DL06, DR93, EAS12, EGH01, FT06, FJ95, FJS99, Fun94, GS15a, GP00, GL17, GN86, yGQ17, GW10, HB02, HPS12, HHT97, HSS04, HR14, Hin97, HW93, J94, JM05, Jun06, J106b, KBS11, KK11, KO92, Kid90b, Kie17, Kim14, KPR12a, KX03, LVR04, LHW08, L16, LSY17, L12, LC99, MLS08, Lor10, Lu89a].

approximation

[MRF00, MS02, MS13, Mot17, NY13, Nke07, NS16, PR09, Pas91, PH17, PM14, Ri92, RMS17, RX08, R09, RA09, S96, SS16, Sol15, TIK11, TY03, Vas17, WQ17, WSY18, XL09b, YY13, YR09, Zhou17, Zou10, ZCC11].

Approximations

[Ghe97, Sub04, AL95, AOW94, ACM09, AD01, BM13, BM00, B03, Bre06, Bre96, B06, BGO2, BC00a, Bu09, CC90, CHSS11, C11, Che12a, C10, CS07, DDZK05, Dek17, FJP17, Fun90, GT15, GT00, Gj00, GGG16, JV09, KPY15, KZ13, KW93, Len00, Li11, LX09, Lyn99, MS09a, MT06, MV17, MP15, NB01, Nov08, PG10, QA11, RF16, Ren14, SA12b, Ske99, SN04, Tol04, VR01, WAV12, WWLS08, X13, YLL09, ZC15, ZWX17, Zup03] aqueous [BMP05].

Arbitrary

[PGM86, Bal00, BS00a, CLS04, CG14, DM09a, FB01, GRGJ02, RV00, Tol03].

arbitrary-order [T03].

architectures [BC99, JP93, WWS93].

areas [AMRR18].

area [AMV03, Sal93].

areas [CCM17].

argument [Bic16].

arguments [Hu99, LZ17].

arise [DL01, ZNK02].

arising [Aff94, ABFVO9, AC08, BK06, BVT14, BR94, CG92, CKM15, Elmo02, FB09, Guo96, Hua98, Iga85, K06, KAS17, Le12, LMA18, Pea16, Por17, S99, Sch87].

arithmetic [AA04, HFL13, LSK12, MA04, PH91, Sch87, Sch89, Ske99].

ARK [BR05].

ARMS [FW07, Fra06, YY08].

aqueous [BMP05].

aquifer [MNR14].

aquifers [AMMR18].

arbitrary-order [T03]. architectures [BC99, JP93, WWS93].

areas [AMRR18].

area [AMV03, Sal93].
Arnoldi [AB14, Hey10, Jia02, RS08b, SW95b]. Arnoldi-type [AB14, AB12a]. arrows [AB12a]. ART [San03]. arteries [TDC13]. Artificial [MP85, EK96, LW04, Nor97, QL15, Rya00, SGN06, WS04, XLO9b]. Asian [BNV06, ZO14]. aspect [ML91, NR97, PIc05]. Aspects [ML91, NR97, PIc05]. Assembling [NRR06]. assembly [BMR +17a]. assessing [BDSG09, LS07b]. asset [CF08]. assigned [CMP15]. assignment [OP04]. assimilation [RW87]. Associated [RdAP96, BCC16, DB95, DR01, ELR +15, Gan92, Jou05, Mar94, MYSC17, Wu03, dACR10]. Association [MH89]. astronomical [CG03]. astronomy [BCF +13]. Asymptotic [AV91, BGT97, Bor10, CFCH09, Han93, Leo10b, LC09, LX09, PT09, Wan01, ZP97, ZP98, By01, Bre88, BS12, DC09, Fel06, HH98, Has13, KM17, KS07, L2L14, Sco04, Wal90, Wan17a, Yl12]. Asymptotically [AB10a, AW14, BSV09]. asymptotics [CMR12, Sus10]. Asynchronous [Per99, AA1 +93, TDPU17]. Atmosphere [DRC85]. Atmospheric [Beh97, AB97, Bou02, BN03, BB03, KW98, SKAW12, VS95, VBH96]. atomic [CCP04, Le19, LW04, PCA10, XLO9b]. atoms [MT05]. attraction [CN16]. attractors [QR03]. Augmented [CSM07, AL05, BBG14, EV16, SW85]. Author [ANO1a, AN01b, ANo1c, AN01d, AN01a, AN01b, AN02b, AN02c, AN03a, AN03b, AN03c, AN03d, AN04a, AN04b, AN05a, AN05b]. Automata [CFCH09]. automated [SW94]. Automatic [BSW93, RH92, BIR13, DS02, MCE +09, PRST02]. autonomous [CL01a, DM11b, SB14]. avascular [L3LT13]. average [CMP06, Has08]. averages [AB12b, DJL04]. Averaging [DD97, BP12b, CCMSS11, CH90, Dal13, EK95, FVGS13]. Avoiding [HIn95, PJB04]. axially [DI15, LDIW16]. axis [GHKM09, GS09, IMMO4, MI03]. Axisymmetric [Mac86, AC08, Nke07, Sc14]. axons [LFL14].
LHÖ13, LSGK15, Lo06, LYOI99, LP97, LS98, LZY99, Lyo12, MH16a, MB10, MO01, Mat91, MS08b, MKH16, M$$^+$$15, Min04, MD10, Moo04, Nes16, Nov03, OR18, PSP05, Par04, PGS10, Pat98, Pat00, PC00, PT15, PB10. Based [Pow94, QM03, RSY12, Ric08, Ril92, RMK09, SST12, Sch14, Sch16, SH10, SWW17, SXP09, SL15, SLZ10, SL17, SW86, TYYK01a, ÜSHT03, VV02, VBD93, Wal00b, WL10, YCY12, Yi12, YG16, Yu99, YP18a, YP18b, YH07, ZHJ14, ZO14, Zla85b, dAF17, dFN00]. Bases [AA94, AFS11, DDHS97, GPP04, PR12, Win04].

MM02c, Sim04, ZC10, AB14, BN99, BLY17, BRRS15, BT98, BM02, BM06b, BT00, 
Ca07, CL06, CZ12, DGD03, DS10, EJS04, 
GY94, Guo06, Guo11, GS08, LV/FP14, LR18, 
Mag91, Mor05, Nak12, Noo95, Not99, RS08b, 
RGL16, Sch89, SS13a, SCvdH92, TYJ11, 
WPS18, YK04a, YG99, Yua93, ZC91, Zha00, 
ZZW97, Zha01, de 95a, vC93, vdHS01].

block-centered [LR18]. Block-Cholesky [LN92].
block-diagonal [BLY17].
block-GMRES [Mor05]. block-iterative [ZC91].
block-structured [DGD03]. block-triangularly [vdHS01]. blocking [AFS00]. blocks [BMR17b]. blood [PCRR17]. Blow [ALMM96, ALMM98, ALMM01, BDKM92, Cho13, SG92].
Blow-up [ALMM96, ALMM98, ALMM01, BDKM92, Cho13, SG92]. blurs [MRS10].
Boards [Ano03e, Ano04f, Ano04g, Ano04h, Ano04i, Ano04j, Ano04k, Ano05d, Ano05e, Ano18b, Ano18c, Ano18d, Ano87b, Ano91, Ano93, Ano03f, Ano04d, Ano04e, Ano11a, Ano11b, Ano11c, Ano11d, Ano12a, Ano12b, Ano12c, Ano12d, Ano12e, Ano12f, Ano12g, Ano12h, Ano12i, Ano12j, Ano12k, Ano12l, Ano13a, Ano13b, Ano13c, Ano13d, Ano13e, Ano13f, Ano13g, Ano13h, Ano13i, Ano13j, Ano13k, Ano14a, Ano14b, Ano14c, Ano14d, Ano15a, Ano15b, Ano15c, Ano15d, Ano15e, Ano15f, Ano15g, Ano15h, Ano15i, Ano15j, Ano15k, Ano15l, Ano16a, Ano16b, Ano16c, Ano16d, Ano16e, Ano16f, Ano16g, Ano16h, Ano16i, Ano16j, Ano16k, Ano16l, Ano16m, Ano17a, Ano17b, Ano17c, Ano17d, Ano17e, Ano17f, Ano17g, Ano17h, Ano17i, Ano17j, Ano18a].
both [BB98, CL07, Kop89]. Bound [TD09, BMM03, Yu08]. bound-constrained [BMM03]. Boundaries [Gus88, ADFR18, BHH05, BDDG09, LR03, MMKN17, Not97, Not99, Rya00]. Boundary [AQ94, AM95b, BG11a, 
CH09, Hsi06, LT93, PT09, Pec09, SM85, 
TMS87, TLSS90, AS11, AL09, AyLoW18, 
AMP03, AMR17, AMR14, AGM95, AD18, 
AFLE01, BC02, BP04, BBD18, BDSG09, 
BM00, BCL15, BCC17, BGD08, BRRS97, 
BB08, Bo09, BF07, BPr02, BP05, BMV06, 
BT93a, BT93b, BT95, BT98, Cai09, CD00, 
CL08, CGA93, Csa96, CW98, CH01, CZ12, 
CHH15, CS09, Chr01, CRR03, CN15, CN17, 
DY17, DB97, Dea11, DA16, DMPSC16, 
DP85, DY03, Ehr08, EH88, EZ98, EH06, 
EFLFP09, EH91, FS15, FMS18, Fat12, FE93, 
FL15, Fer93, FJ09, Fun09, GAW09, GM95, 
GM95, Ghe97, GP98, GH00, Gw09, Hg98, 
HH98, H03, HJ09, HD04, HM15, HK93, 
Hn00, H03, HX11, HT00, HLL09, HBJ09, 
HLIS16, IO18, JP08b, Jeo09]. boundary [Jun06, KDAK13, KDT17, Kat89, Ke185, 
Kg90, KS09a, KvyS15, KS01, KW93, K02, 
Kur98, LHH96, LR09, Lam13, LM00, LP05, 
LY01, LW04, Li11, LA11, LZ17, Lie01, LC99, 
LO03, LSMW17, LL02, LOM98, Ma03, 
MOS02, Mai06, MS03, MG18, Nes16, 
NY13, O’L87, OS08, PZMX16, PPS10, 
Pap95, PT95, Pul12, QMLC15, QAMX17, 
RK08, RVdCVR02, RTU15, Rya00, Sch96, 
Sch93, Sch16b, SFK01, SC08, SG00, 
Sod91, SDK15, Sof17, SS02, SHG86, SW85, 
ST08, Sub04, Tau09, Ty98, VO00b, VV02, 
Wag85, Wan07a, Wan07b, JWqW09, Wan11, 
JW15, WL16, Wan17b, War92, WW14, 
WT17, WS04, XL09b, YGY15, YL13, Ye04, 
Yos00, hyqW12, ZTM15, ZG92b, Zh96, 
ZC10, ZPT92, Zho17, Zho18, ZWL11, ZR15, 
vR04, AGM09]. Boundary-Fitted [TMS87], boundary-value [Fun04, LC99].
bounded [Ber05, BL91, Che12b, Hin97, 
MDDR11, MS03, Wa00a]. boundedness [FS05, GLMY17, MDP10, MV17, Sip13].
boundedness-preserving [MDP10].
Bounding [BRRS15, Coo89, Gil10].
Bounds [MSP10, Bou16, Che16, CF13b, Dra97, Fac03, GY94, GH02, JR02, KS10, LS12, LV14, LVR92a, Nak12, NN10, Roz05, The17, WWX13, YB10]. Boussinesq [ADM10, EZ03, KD13, LZW17, ZWH+17].


Carleman [Kli15]. Carlo [LHÖ13, MD06, DE18]. Cartesian [ASC02, ASC03, Bac17e, BP12a, AD16, FdSB02, Fre04, Kim14, TY00, WE99]. cascade [AB15]. Cascadic [MR810]. case [Beg09, BRW17, CMR12, CY05, GANT02, Jes93, MN03, Med96]. cases [PAC10]. catenary [AS00]. Cauchy [AK95, Cum95, FFQ09, JP08a, Kli15, MP98, Mat91, Rab94]. Cauchy-type [Mat91]. Caustics [SR88b].
cavitating [XLK07]. cavities [DDCV03, QC12, QL15, dB03]. cavity [Du11, Guo00, JP08a, RBC02, WWLS08].

Cayley [LP00, MO01]. CBEM [JS09]. CE [QM10]. CE/SE [QM10]. cell [Aya09, Bar09, Ber15, BW95, BG03, Car94, Da00, EK95, FS88b, JP08b, Jee09, MSS+15, Us18, ZL18].
cellular averaging [EK95]. cell-centered [Bar09, BW95, BG03, FS88b]. cells [Ber15]. cellular [CKP15]. CEM [AG98, DK14]. centennial [FJ97]. center [CPD+05, ZB07]. Centered [Toö04, Bar09, BW95, BG03, EN09, FS88b, LR18]. central [ASC02, ASC03, BL06, CXNF14, DL16, FCX06, JTB15, LPR00b, NRR06, Pap95, PGDB08, QW04, Tou10, TJ12, TK15, IV09, MB12b]. central-upwind [CXNF14, FCX06]. centered [SGN08].
centrifugation [BBCS05]. centrifuges [BCS06]. Certain [DL01, BKP15, DMGVP009, Dra97, Fuh01, GVSL96, GS05, LS86, LFP04]. certified [Che16]. CFD [BTM08, BS97a, QM03, SST04]. CFIES [CM14]. CFL [MZ04]. CG [Sch99, dv95a]. CGLS [Baz03]. CGSTAB [SSvG10]. chain [Bec02]. chains [BT02, Buc99, DNW18, Mar03]. challenges [DBH+05]. change [CH15, Sal93]. changes [Wag98]. changing [DCC14, SY08].
channel [BJ00, Glk93, JUN06, PK91, RKV15, jWY08]. chaos
chaotic character [Mar99b]. characteristic [Bre06, EAS12, FLR08, JZJ10, LY08, SAG86, SWW11, ZMC13]. characteristics [LGV01, Mar03, PG02, YY13, Ziﬂ99]. characteristics-mixed [YY13]. characterization [ST89]. Characterizations [LX08]. Charge [GG95, NER95, NR97, SG05]. Charge-oriented [GG95]. charges [HNP17]. Cheap [SZ97, GHW01, WGB99]. Chebychev [TGB08]. Chebyshev [ARGA00, BC08a, Boy06, Boy07, BO11, Coh90, DDS86, DS02, DSW96, EK95, FFY08, HM00, KK99b, KY17, M100, Mac92, Ma17b, MRFF17, PH17, SWW17, SWX00, She00, Xu16, ZK00, vS97]. Chebyshev-collocation [MQO17, SWX00]. Chemical [ND5, BBV05, CKB13, DS02, DS03, KCP01, PM05, SK96, ZBT03, dB03]. chemistry [BGG12, VS95, VBB96, WK20]. chemotaxis [CST18]. chemotaxis-swimming [CST18]. chess [WWS+93]. Chile [BGHR12, BGH+15]. Chinese [BGHR12, BH+15]. China [LS07]. chip [ST05]. Choice [GC15, BS00b, CDD00, EG88, Lay08, Neu88, PA91]. Choices [San89, GAW09, SWY03]. Cholesky [HS12, NL92, No95]. Choose [Rob10]. choreographies [RS14]. Christoffel [Bre91]. chromatography [DGM18, vHA98]. circle [BR51, CGBV08, DV00, DBCBPP10, DIR13, SL01a]. circuit [AKGR14, BLV02, GG95, MT11, PG10, ST05]. circuits [BBS11, GR93]. circulant [NR14]. circular [Du90, HT00, LMS08, LBCN00, Son91]. Circulation [ZW87, LG92]. CIRM [Wen10a]. clamped [BB18, Lam13]. class [AL95, ADR17, ADFR18, ABF09, AD18, B99, BSDG99, BC11, BM01, BKP15, Bu91, Bu06, CA99, CN17, CG14, CU95, CV02, De06, DGN12, DY09, D09b, D12b, D13, EM05a, EVO04, FL05, Fer09, Fer96, FR18, FJ95, FJS99, GT15, Go06, Ka90, Li12, MH16a, MAH18, MA14, Man96, Ost93, PD01, RY13, RT95, Sa97, SEG92, SG05, SL08, Ts96, VDV98, W11, WZ14, WSW96, WDG92, ZLL01, ZZ97, in 92]. classes [KM17]. Classical [Lee10, AS11, B00, BDRZ04, CCJ99, DJM09, FR18, GMG02, GP01, LS12, MZZ17, MOS02, Mar94, Mar99b, MM02a, MMP02b, PA18, Sal03, TJK18, Wel10a, Wel10b]. classification [KKR15, Ush18]. Coating [DGS+15]. Clenshaw [CL14, Maj17a]. closed [TMM15]. cloud [WK20]. Clough [Bar12]. cluster [DS01]. clusters [F99]. CM [BS94, VV95]. CM-2 [BS94a]. CM-5 [VV95]. CM-2 [Pet92]. CNLF [LT12]. co [CZY08, LLY11]. co-coercive [LLY11]. co-existing [CZY08]. coagulation [DS07]. Coarse [SS99, FdSB02, NN13]. coarse-mesh [FdSB02]. coarsening [GGLR09, GGR97, LWT07, de 96]. coastal [KDAK16]. coaxial [IJ14]. cochlear [F09]. Code [Ara99, ZW87, AA87, AB98, CST97, GPPR12, Sal89, SW86, WSP97, WB92]. codes [BMR+17, Ber86, BT97, GMG02, GM04, Sha85, Sha87]. coefficient [BJ01, BJ03, BRW17, CCL04, DP12, DL01, HP14, HLIS16, IT16, JR02, KS07, Lu98a, PJB04, Su94, SW17, TK05]. Coefficients [Hig93, AL09, BF17, BC05, C90, CC04, Chn17, CL88, DXY09, DCC14, DKK94, DC09, HLMKZ06, JV09, KP92, LP01, Maj17b, ML16, PM14, Spi13, VScYD02, WCXL09, YTO0, ZM17]. coercive [DHS05, LLY11]. coherent [CCP04]. Collaborating [MR92]. collapsed [TYKK01]. collapsible [LT00, TYKK01]. collisions [CL15]. Collocation [AB88, BR97, CN15, HM17, AV96, AFS02, Bal00, BAD13, B17a, BIM15, Bru92, BMM97b, BMM97a, Bru07, CHL07, ...
Collocation-based [Pat00].

Collocation-type [Han93].

Colored [Kom07].

Column [GY94].

Column-block [GY94].

Combination [HEG16, LKV01, MM02b].

Combinations [DJM09, LH02, WM08].

Combinatorial [REH99].

Combine [AN15].

Combined [APJ09, MK14, PA18].

Combining [DM12].

Combustion [BH85, BBV05, GS89, KCJP01, NER95, NR97].

Communication [dv95a].

Commutator [BM06a].

Commutator-free [BM06a].

Commuting [BB98].

Compact [CGA93, CRU15, GX11, GL1W14, HJKW17, Jor11, Pir09, SG16, Ven15, Wan17b, YT00, ZGDL17].

Compact-WENO [SG16, ZGDL17].

Compaction [DB95, MW93].

Compactly [Ehr08].

Companion [BR01, BW06, Win04].

Comparative [BdFPS4SC08, BT99, CG03, GRLL01, PSP05].

Comparison [ACM09, CKPS15, EVO06, M095b, NN10, PCCR17, Aya09, BD07, Boy91a, CL01a, EK97, GP01, HT94, KPR06, KW12, LWD+09, LP200, MD96, NN13, VseYD02].

Comparisons [YTZZ18, WSS97].

Compatible [GP00].

Compensated [WG10].

Compensation [KRKB16].

Complement [Cao09, Cao10, CG89, KMS10].

Complementarity [Ius97, KP03b, LLL12, LMP99, MH16a, WZ14].

Complements [RZ04, GM87].

Complete [CGGGS11, Meu14].

Complex [CFCH09, AC08, AES13, AMS17, Dar90, DKK94, Fun94, Gab02, Kar89, KDK17, Lu98a, PH91, TC03, TY00].

Complex-symmetric [AC08].

Complexity [LRT99, MZS10, MMT90].

Compliant [CFRA08, FH10].

Component [GG16, MM14, OZ96].

Component-wise [MM14].

Components [BLW02, CG14].

Composite [DP90, Maj14, jWyG08, AMH03, Dra91, FSB97, HY01, Jor11, MMT90, NR94, NB04, NU15].

Composition [DK11, Bla01, CCC08].

Compound [RS08a].

Compressible [BW86, CFX08, CKK10, DS97a, DGRS09, DII15, Fal00, FL01a, JKW12, JN07, KRC94, KCL00, Kie17, Kwe00, Kwe03, LD1W16, Mou03, Q030, RCGM98, RZ15, SZE+92, Sod91, Tur86, ZYSZ14, ZQLK11, vdHJW01].

Compression [PGS10].

Computation [BJS12, BPTT15, BGVHN10, CMP15, DV95b, ERS00, EV96, HGR01, MH98, MR06, SL01a, Sun00, Waa88, YT03, BCU00, BG06, BJ13, BW17, C0V00, CCBGV08, C090, C0D0, DW1W18, D920, EH88, FvDMS17, FL0+97, GP01, GSR00, Har98, HR14, Inn97, Jez04, Kop89, LM00, Mar93, M070, Nes16, Nov03, Ram12, Rot10, RTT01, SW06, SHY86, S95, SS10, Vas17, Wee01, HY00, vHA98, MH89].

Computational [BJS12, BPTT15, BGVHN10, CMP15, DV95b, ERS00, EV96, HGR01, MH98, MR06, SL01a, Sun00, Waa88, YT03, BCU00, BG06, BJ13, BW17, C0V00, CCBGV08, C090, C0D0, DW1W18, D920, EH88, FvDMS17, FL0+97, GP01, GSR00, Har98, HR14, Inn97, Jez04, Kop89, LM00, Mar93, M070, Nes16, Nov03, Ram12, Rot10, RTT01, SW06, SHY86, S95, SS10, Vas17, Wee01, HY00, vHA98, MH89].

Computationally [YK07, AA87].

Computations [BDKMK2, L01b, AS97, Asc12, BC02, Chr96, Dat99a, FL01a, GT15, GT91, KH91, Kor95, LSGK15, MS08a, MM16, MPG+16, WPS18, ZP12, van95, vdHMdS99].
computer [MDRR11]. computed [EH08, WT08]. computer [BRSD91, Fre91, Her91, Ney95, de 95a].
computerized [San03]. computers [SK91, Som93, VS94, dH95, de 92b, dv95a, vvdV97].
Computing [Alt85, ALF96, Boy06, CFTW08, CF18, HM09, HP91, KBG04, LST07, LW07, Lu97b, Tan97, Yos00, AT13, BC99, CKM10, CB99, CCS02, DIn93, FHM02, Gil91, Jia02, KW98, LMV17, Li00b, LfX15, Mar03, Mat86, Moo95a, ST09b, Tru00, WB90, ZC91].
Computing [Alt85, ALP96, Boy06, CKM03, CFTW08, CF18, HM09, HP91, KBG04, LST07, LW07, Lu97b, Tan97, Yos00, AT13, BC99, CKM10, CB99, CCS02, DIn93, FHM02, Gil91, Jia02, KW98, LMV17, Li00b, LfX15, Mar03, Mat86, Moo95a, ST09b, Tru00, WB90, ZC91].

Concepción [BGHR12, BGH15]. concepts [HSW99]. concerning [Han06]. condensates [ZB07]. Condition [GK93, Kor95, Win01, Ang06, BM12a, BPA06, CB91c, CMS06, DA16, Dob05, KBS11, Lam13, LHH08, LH09, LW18, NC16, OMP98, RvDvC92, RvC02, Vw95, jWqW09, jWqW10, WL16, YL13, yYqW12, Zho18, vR04].
Conditioning [Mag91, Not92, BFO9, Li12]. Conditions [Ano87a, Gus88, JL86, JL87, PT09, AS11, AQS94, AK95, BBD18, BDSG09, BCL15, BMS99, Bor02, BMV06, BBr98, BS96a, BT97d, CL02a, CH95b, CPP02, CAAT16, Chm17, CN15, CH90, Cve02, DY17, Dea11, DP85, Ehro8, EH88, EZ98, FJ09, Gar10, GP98, GM912, Guo1, HG98, HH98, HN03, HJ90, HD04, HJ17, HLO3, HBB9, JW01, KvyS15, Kom07, KM18, LA11, Lie01, Lin01, Ma03, MVVA09a, MVVA09b, MW93, MZ04, Mue14, MG18, NES16, NMB10, O’L87, PP810, QMLC15, QAMX17, Rya00, Sch96, Sch16b, SC08, SG00, SDK15, Sof17, SS02, SHG86, Sp197, Str98a, VV02, Wag85, WT17, WS04, ZR15, BGl11a].
Conductive [BVS94, MVVA09b, RMK09, YY13].
Conjugate [BGH08, DW00, DW15, EAS12, GR02, HVY91, Pf08, San03, SW95d, vdES04]. Connection [Pet92, VV95]. conquer [DH94, Jes93]. conservative [AM09, AKG14, Aff94, Ang06, BAC14, BMGM12, BJ02, BTP96, BFA93, BDF94, BM12b, Bor16, BGP11, BG02, CH15, Dav92, DF96, DGRS09, EK96, FL01b, GT00, GJ17, HSS07, Hor02, HWC15, KS99b, KXR+04, KLSW06, LPR00b, Luo18, PDG08, SG17, Tan01, TJ12, XF06, Ye04].
conservative [BDM03, CHSS01, CS08, CCL04, Fv00, FL11, HLMKF06, HJJ18, Kim07, LDIW16, LR18, MQ03, ZQKL11].
conservations [HFL13]. Consistency [Hor93, Kel85, LL06, SKR+16]. Consistent [HBJ09, Xu13, GKH16, Sid90, WEP12].
consistently [Not92]. consolidation [GLV03, GLV06]. constant [Fan11, FP02, GC15, KCJP01, RF16, SH97, TL07, ZWL11, VK17].
Constant-Convection [VK17]. Constants [ND85, Mat86]. constitutive [Die15].
constrained [Arn98, BMM03, BH93, CVCX14, CD18, EM05b, FLMR14, Han87, KLWS10, LS93, LWCT07, Meh08, RP01, SP99, Tou10, USHT03, Yu08, YP18a, YP18b, ZP12].
Constraint [Cao09, RP01, ZW87, Che16, YD07].
constraints [Aca12, BSZ15, BGIW18, CD19, HDVR17, KP03a, LDP+14, MDT05, Sch09, YLS*09].
constructing [LS93, Ran15, Ren14, Sad97, Tol03, WWS+93]. Construction [BZ91,
BJ96, BJ98, CCP17, GH02, HZ02, JM17, Mat91, Nic86, PR09, PT95, SM93, YR90, AG98, ABH14, Ano87a, CV88, FJ17, JL86, JL87, Lem02, LX08, Man96, MP97, TY00]. Constructive [AAD+08, JNPC03]. contact [AC18, BBD18, CFRA08, CH13, Cop03, CF05, CF13c, CF14, CA15, CA16, DPPR16, GS15a, Gwi09, HS07, HL12a, HMW05, KM11, KW12, Por17]. contaminants [BM04a, BM04b]. Contents [Ano01e, Ano05c]. Contents continuation [Hin97]. continuations [Lyo12]. Continued [JT88, Bre88, CV88, GGMP88, Gil91, Hau88, Jac88, JLP06, KLSW10]. continuations [Ly012]. Continued [JT88, Bre88, CV88, GGMP88, Gil91, Hau88, Jac88, JLP06, KLSW10]. continuations [Ly012]. Continuous [BDGP96, BDP99, CW98, CM07, CLGD06, EH97, TYJ11, Arc06, BT97a, BV06, Bel97, BN12, BGOS2, CCP17, DV95b, DMR18, Fra16, GFB99, JR02, JNPC03, KK17, LHC09, LOS03, LZ17, MST09, Pic05, SA12b, VZ93, ZL18, ZX14]. continuous-discontinuous [Fra16]. continuous-discrete [LOS03]. continuous-time [KK17]. continuous/discontinuous [ZX14]. continuously [CST97, Zha09]. continuum [Dal00, JEG10]. contours [FPT03, Hin97]. contract [GQ08, MQ00]. contraction [PK91]. Contractivity [Bel97, GCHR06, JL94, Zen93, BZ92, Hor99, Kra92, ONL89, San89, Wan17a, in 02]. Contractivity/monotonicity [GCHR06]. contrast [ZCC11]. contribution [Jou05]. contributions [AFS96, GR02, vS96]. control [AH09, AB09a, AVMVMV09, AW09, BKM13, BCT16, BGH08, BS96a, BSvdV99, BSZ15, BC00a, CK15, CH99, CY05, Con01, CF05, Dah02, Dat99a, Dat99b, DMP08, Dhe01, De06, ECB07, EGO9, Han06, Hig93a, Hua98, HFL13, HO16, Jez04, KN08, KR15, LY03, LT05, MDHK06, MC00, MP94, NK11, NH15, NU15, Pea16, RSD+06, Sha05, SG06, SW94, Sim94b, Söd06, WKP12, XL11, YGY15, YÇ16, ZSJ04]. controllable [Leo10a]. controlled [EK95]. controller [LT07]. controlling [For02]. Convection [RBBC85, BO04, BC08a, BBSC05, BC04a, BW96a, BW97, Bla00, BTDV10, CP05b, CT93, CK13, CJS98, DDS89, DYX09, DM11a, Die15, DxCRV03, DL06, Fra14, Fra16, GAML04, GD09, HM00, Hua17, Jun06, KT05, KC03, KS01, Len00, LY09, LS99b, LD02, Luc05, MOS02, Mar05, Mat09, MG18, NS03, OQ15, Sac93, Sch91, SZ09, SG07, Str98a, ST08, SWW11, Tse00, VLO8, WL09b, WK00, YZ17, ZMC13, ZML+12, ZX14, iW07, VK17]. convection-diffusion [BW97, Bla00, CT93, Die15, Fra14, Fra16, KS01, Len00, LS99b, OQ15, Sac93, YZ17, ZMC13, ZML+12, ZX14]. convection-reaction [BW96a]. Convergence [ACMR06, APJ10, AFG‡12, BASC17, BM00, BK09, Ben17, BFK11, BW15, Boy15, BD11, Bür13, CGT13, CC90, Car09a, CC04a, CZX09, CZ12, CHS17, CCS17b, DG10, DS05, DLY09, DLN04, DH07, Fe06, FM11, GMZ11, GGN12, GS05, GGRN17, Hau88, Is94, JTB15, Jay95, KO08, Kok08, KK86, Kr99, KY17, Kza92, Kza99, Lem88, Lev91b, Li01a, Liu02, MZ10, MT11, OT02, PvdV99, Ran16, RT14, Sac93, SA12b, Wan96, WS04, ZT06, vdsH95, ALMM98, AHT17, AM99, AM00, AMP03, AHR12, ABM17, APLP12, AKF92, AL05, BW03, BGO13, Bho12, BRZ10, BM09, CCGGS11, Cao97, Cao98a, Cao01, CL07, CJX11, CH13, Con04, Cun95, Cuy90, CH90, Cye02, Dar06, DA17, DMGV05, Do91, EGH01, FFY08, Fdi97b, FSS88b, FR01, GH91, Gan96, GM94, HPY92, HO10]. convergence [HCX03, ITZ17, JW01, KS91, Kic15, KAS17, LR93, Len00, Lev91a, Lin01, LMP99, MOS02, MO17, Mar03, MT94, MS90, MR94, Nke07, Oos95, OGV92b, Poh93, PCA10, Pré95, SSV89, SW09a, SXP09, SL09, Sid10, SS13b, TN16, TX18, TH18, Vul95, Wa90,
Convergent [Fid17, AB07, BM01, BO11, CDW13, KKN+13, KKN+17, RTU15, SG04, VV02, Wen10a, Woz10, ZLG15, ZX14].

Converging [Jez04].

Concurrent [AM10b, CP07, CKK10, CF18, EB12, Mik97, PCR17, RL86, SC11, YLS+09]. convex / concave [SC11].

Convex [AM10b, CP97, CKK10, CF18, EB12, Mik97, PCR17, RL86, SC11, YLS+09]. convex/concave [SC11].

Convolution [SWW16, Bho11, HR14, LFS15, Lub92]. convolutional [RMS17]. Convolutions [ADG11]. convolved [Con04].

Cook [CCZZ18]. cooperate [AC10]. cooperative [CZY08].

Coordinate [TMS87, CFX08, FJH+01, LT01]. coordinate-free [FJH+01]. coordinates [DS15, KDAK13, LWT07, Pet00, WE99, YH00].

core [MMB07, MM16]. core/convergent [Fid17, AB07, BM01, BO11, CDW13, KKN+13, KKN+17, RTU15, SG04, VV02, Wen10a, Woz10, ZLG15, ZX14].

Corrected [Con99, AFS00, CKB12]. correction [AB12b, BDFV95, BM06b, CP94, CW98, DSZ15b, DSZ15a, FR01, GDS+15, HS11, Hu99, Kre07, Lay08, Lay09, NN13, QMLC15, VV02, ZHJ14].

corrections [Agu15, BG03, CH09, HFL12, Hun02, Min04]. corrective [KN08]. correctors [Lay08]. Correspondence [Jia12]. corresponding [LfX15].

Corrigendum [BlTBV87, JL87, YP18a]. corrosion [BMP05]. cortical [DEPS15, FOMC05]. cosine [AMCM09, CM13, Har00, ZO14]. Cost [TSFB01, BBG14, Dra97, FV01].

Cost-effective [TSFB01]. costs [AD99]. Cosymmetry [KT05]. Cosymmetry [KT05].

Couette [MD00, SH91]. Coulomb [KPR06]. Coupled [ABD16, DS97a, AGJ12, BS09, Bog16, BS04, Cao98b, Den07, JCSR03, JNPG03, KL010, LMA18, LZW17, MP05, QAE+09, SA12a, Sea09, ST05, SW05, Tro93, XZL07, Zhe07].

Coupling [EJS11, GMS12, UNGD08, Ben17, BMS89, DZ13a, Den07, DMQ02, Dor91, FPS15, FLL11, GQ89, GMM09, HY01, HGW16, JS09, KMS10, MOS12, MT11, Rob10, Sus10].

coupon [ALY03]. covariance [FSU89].


Cox [AH17, WMC09]. CPR [DSZ15b, DSZ15a].

crack [MAG13, Par14]. crack-like [Par14].

Crank [ZR15, FP02, LFB00, TH18, ZL17, ZJH18].

Cray [CB99, HVY91, N095, WVB88, van95].

Cray-2 [WVB88]. creeping [GP00].

criteria [Ush18, Gol10, Gul15]. criterion [CDD00, LPT16, SL09].

critical [Ari04, BH97, CJD13, MP11]. Cross [BWE95, BK13, GS15a, GLS09, JJ14, Meh08, van86].

cross-diffusion [GS15a].

cross-section [Meh08].

Crouzeix [BC08b]. crystal [NS13, ZAB15].

crystallization [ABP95]. crystallizers [QAE+09].

Cubature [CBHY11, DSV13, KK17].

cube [BDV17].

cubed [CNT07].

cubed-sphere [CNT07].

cubic [CGP15, DMPSC16, DF92, FPT03, LLL08, LZW17, MN03, PPT02, RV01].

curl [BV09, HS97].

curl-curl [BV09].

Current [AL87, BKP14, DDZK05, MS08b, RV09, Se14].

Curtis [CL14, Maj17a].

Curvature [WT17, ALP+96, Mik97, MS99b, YCY12].

Curvature [WT17, ALP+96, Mik97, MS99b, YCY12].

Curvature-induced [WT17].

curve [C GG02, Mai09, YC00].

curve/surface [YC00].

Curved [hjYK86, FMDV05, KX03, L02, RA09, SF1+05].

Curves [Eis86, Att97, BDV17, CCGM17, GS15b, Han06, LS10, Mik97, MS09b].

curvature [DS15, YH00].

cut [Ber15, BH12b, HLZ14].

cuts [RU14].

CVBEM [HW93].

CVTs [SUP+12].

CHWENO [FC06, LPR00a, SW12].
CWENO-type [FCX06]. CWI [vS96].
cycle [CK98, NN10, NER95, NR97]. cycles [KF97]. Cyclic
[PPS10, All96, BMR17b, Sch89, dG91].
cyclides [MMP02a]. cylinder [Du90, LMS08, PP00]. cylinders [Son91].
cylindrical [BCS06, Kwa09, LWT07, Pet00, TT03].
d [CCM17, HW15, AG05a, AEMX17, Ant13, ASC03, BF15, BV94, BS08, Can08, CPZ17, DMPS016, EP15, FSM18, Fou00, Gon06, HWCF15, HZ12, Ka96, KD13, KNP16, KLSW06, LPR00b, LHC17, LW07, Mai06, MKH16, NRR06, Now96, PSP05, PPC00, RZ00, SS00, Sha98, Ste97, TCCW89, TYYK01b, VA05, Vej10, WKM04, WSY18, YH00, YZ17, ZLL01, Zha09, ZL18].
D-convergence [ZZL01]. D-flows [BS08].
DAE [CY98, NR97]. DAE-aspect [NR97].
DAEs [AFS00, CCMSS11, Cam99, CZ97, GPHAM12, GS09, AC96, HMT03a, HMT03b, San02, ST05, Wen05, YT03].
damped [KH91, MDP10, Moe98]. damping [CRR03, Jes85, LR01]. Dantzig [YP18a, YP18b].
Darboux [Bre91].
Darcy [BC12, C¸K13, EJS11, EL01, HS17, Kie17, UNGD08]. DASPK [MD96].
Data [DR93, LP05, Vas17, WCGW95, BG02a, BRW17, CPZ17, Ehr08, FvdMS17, Har10, HKZ08, HM15, HM17, Jun97, KKK+13, KKK+17, LO96, P052, PS03, R809, RL86, RCGM98, RW87, RV05b, Sch08a, TD09, ZJH18, ZHL08, ZXW18].
Data-dependent [DR93]. Data-parallel [WCGW95].
Data-sparse [LP05, Vas17]. databases [WWS+93]. Davidson [Gen10, MS99a].
DDE [TS06]. DDEs [ST01, Sha05]. Death [BMR17b, BLM17b].
deblurring [BS10, DE16]. decay [BDKM92, Maj17b].
 decomposed [GCC91]. Decomposition
[CFC03, TMS87, AAD+08, AF04, AM10b, Att97, BN99, BRRS15, BM89, BRVC09, Bog00, BP90, BS91, CG89, CES91, CJ90, Chm17, CG16, Cve02, De 93b, DA18, DDS89, Dom91, Dou91, EZ98, Ewi91, FL05, Gas92, Gk09, Gen10, GHF00, GS08, Ha97, HPS12, HSS07, IVA93, JM06, Jun97, KCS07, KG90, Kok08, Kop89, KJ90, Kuz90, LY08, LY09, LR00, LOM98, LRT99, LZY09, MH14, ML91, Meu91, ML97, NWF08, NMB10, Par04, PKSB10, Pas91, Pav00, PR90, RV04, RV05a, SWW17, SG09, Ste05b, Su94, SLZ10, TS08, Tse00, WM07, Yu99, ZHL03].
decomposition-type [BN99, Cve02].
deformations [Phi91, PT15].
dekonvolution [FLMR14]. Decoupled [LMA18].
decreasing [DKK94]. Dedicated
[CHM09, FFMZ13]. Dedication
[Ger94, GT93b]. 
defeating [BO11].
defect [FR01, QMLC15].
defect-correction [QMLC15].
deficient [Baz03, SY07].
defined [Att97, CFS13].
definite [AA05, Ara99, Cao01, DL01, Liu02, Liu98b, Sha98, TM15].
definitions [Mar08].
definition [KW93].
deflated [EAV16, Du11, WPS18].
deflating [AA94].
deflation [BWE95, Mor05, VSeYD02].
deflections [YTZ18]. deformation
[GK10, KM11, TYKK01b].
degenerations [PFH09].
degeneracy [Li08, PPS05].
Degenerate
[DFZ16, KXX92, BBRB09, BBC05, BCS06, DSSC13, yGyZ07, KL98, KK09a, LC99, Sp90].
degradation [DSSC13].
degree [AA04, AL06, Bow07, BLY17, DhW09, Has08, Kin94, MHI17, PM91, Sal03, Xin08].
degrees [Mau08].
deflated [YV17].
 Delaunay [LS93]. Delay [SG06, ZFX17].
AHT17, BF92a, BP06a, BZ92, Be97, BR94, BRdS10, Bre06, But92, Cah92, CHZ14, CZ12, Den15, EH97, Err06, Fan11, FJ97, Fel06, FNT06, Gan09, Gug05, Gao01, HJ97, HS95, Hu99, JY97, JZK06, KV95, K096, KF97, LD14, LW92a, MZK05, Pan92, PH17, RA17,
SMJ12, SH97, SZ17, SM17, TYJ11, Van00, WZL08, WC11, WGW15, WB92a, WB92b, WMC09, YXT17, ZL01, ZH09, ZC10, ZO16, ZP97, ZP98, ZX10, in 92, in 96].

Delay-dependent [ZFX17].

delay-differential [BR94, WB92a, WB92b].

Delay-differential-algebraic [SG06].

delay-integro-differential [BF92a, ZH09].

delayed [LLD18].

delays [BT97a, BCT16, HHT97, Hig93a, Hua00, LRE04, NT92, tSqWyG16].

DELSOL [WB92a].

delta [BW15, GGS04].

Deming [Mon09].

denoising [BS10, YCY12].

denominators [PA91].

dense [LW92b, ZNK02].

density [AKT97, CKS05, SW06, BNH01].

Dependence [BN03].

Dependent [FG96, AB90a, AL17, AF89, ARS97, AMS17, BHJ05, BP14, BDF89, BrTBV87, Bre02a, BK12, BJ01, BJ03, BJ06, Cab92, CP95b, dCCSR03, CCS17b, CST97, Dia95, DY03, DR93, FNT06, GLP00, GGR97, HHT97, HP14, HM15, HM17, HILK13, HR96, HL16, JCSR03, KH91, LKV01, Lay09, LLT07, Lu1L7, MG97, MS08b, NT92, NC16, Nor97, Pea16, PJ04, PAJ12, RZ00, RY13, Rya00, Sar05, SM13, Sim10, S17, SvdVvD06, TCR03, Toc01, Wan09, WZ13, Won08, WdG92, YS09, ZFX17, ZYS17, ZJ10, tV87, vdVS08].

derothing [PPC00].

Derivation [Chr01, CMRV11, CAAT16].

derivative [AH11, AB14, AH15, AHO16, BP02, BB04, BM06, EH07b, GJ00, KGR08, M004, Ram12, Rus95, SL15, WL16, WB92b, Wn09, ZY14, iW07, iW09, iM13].

derivatives [AGY08, APJ09, BFK11, CHZZ06, Che12b, CHS17, CD00, DaL13, DO1b7, DR01, HEC16, JHL13, KCS07, KS01, LHW08, LHO13, LfX15, Rat13, Tan87, ZLZ15].

describing [GRGJ02].

descriptor [EK97, Sim93].

DESI [Dia95].

Design [AL03, BZ17b, PSSW02, SW95a, AC08, ARSW05, BvFPSdSC08, CH04, IPL02, Jam93, P103, SA08, SG05].

designs [KS10].

destruction [BDM03].

detect [GGS04, MMKN17].

Detection [Eir99, AC10, JD09, JGK11, KM95, KXR1+04, Lo06, SSW04].

Determinantal [Pre90].

determinants [WB90].

Determination [Dell01, AED12, CJI13, HK09, KY11, LV12].

determined [SK10].

Determining [AY08, LN08, Su94, WL09c].

Deterministic [GS15a].

detonation [ZG92a].

Developing [BD89, Pau92].

Development [AL87, Bor97, RA03, de 96, AFS96, DdsF07, FPPS00, vS96, van96].

Developments.

[Bak89, AQS94, ABFV09, BC99c, Dat99b].

device [LS07b, YY13].

diabetes [MLK06].

diagonal [BL17, BKS07, Fuh01, TW00, ZH15].

diagonalization [HC01].

Diagonalized [AyLqW18].

diagonally [But93, DR09a, JR00, AB14, BJ96, BJ98, BW03, CDP12, FS08, HH10a, Hor98, JVZ95, vSC92, vS93, WBC02].

Diagonally-implicit [But93, BW03, CDP12].

diagrams [Mar93].

diameter [CL07].

dichotomically [ELLE02].

diesel [SM08].

Difference [BKM95, BCE04, KKP17, Pot85, RBBC85, RS00, AES15, AEMX17, AA+93, Ano87a, AFS00, AP10, BM00, BM12b, BCS06, CCG13, CGA93, CHSS01, CP05b, Chl12, Choi13, CCL04, Con99, CMCGTR02, Dor01, DS15, EP15, Est95, FE93, FG98, FKA+13, Fou00, GX11, GLV03, GFMK09, Gia94, Golo, GH00, Hag15, HZ09, JH86, JL87, Jor11, JV09, Kam00, KTB05, KXS11, Kat89, K13D3, Knt94, Kn95, Kop89, KDK17, KW93, KLSW06, LY08, LHW08, LY09, LR18, LS99b, Lyn99, MDP10, MP11, MM14, MT06, Mct03, MdD04, Pap95, Pir09, RZ00, RTU15, RT95, RU07, RU15, Sam94, SDK15, SL15, SAMA01, Sto96, Str98b, SWW11,
differencing

[AEM+14, Dea11, RK91, van86b]. different

[DJM09, GGG16, HIS02, JT09, IWD+09, MM16, SWFK13, SC08, Yu99].

differential [Gul15, Zeg97].

differencing

[AEM+14, Dea11, RK91, van86b]. different

[DJM09, GGG16, HIS02, JT09, IWD+09, MM16, SWFK13, SC08, Yu99].

different [DJM09, GGG16, HS02, JT09, LWD+09, MM16, SWFK13, SC08, Yu99].

differentiable [Zha09].

Differential

[BGHR12, BGH+15, FR18, Jac87, Mar02, Pet87, Rei85, Rub04, AB88, AM99, AM00, AMCM98, AT93, ABF09, AF89, Arn93, ARS97, ALP+96, ADH00, AV00, Bac16, Bac17b, BS14a, BHJ05, BHHJ06, BKM95, BF92a, BT97a, BBPR05, BP06a, BL05, BKP09, BJ05, BZ92, Bel97, By01, BMGG12, BGGS13, BDF89, BF92b, Bho12, BCC16, Bia01, BtTBV87, BR94, Bok03, BJ11, BMP15, Bre06, BP92, BMM97a, Buc06, BS12, BC89b, BB06, BDP96, BB98, But92, BC95, BJ96, BJ98, CC90, CGA96, CL01a, CHZ14, CD95, CSS87, CCM02, Cha98, CZ12, CL01b, Chie12, CST97, CN11, CN15, CP03b, DS05, DR09b, Den93, DL13, DLPV17, DB08, ELCWS98, ESEKZ10, ELLE02, EGL09, EMMK01, EH97, Emr06, FID18, FMMK01, Fan11, FL93, FTB07, Fe06].

differential [FT06, FNT06, Gan09, Gan96, GS99a, GPHA06, GLM09, GM17, GN86, yGw6w05, yGy07, yCpY09, GGO13, Guo01, HM87, HZBM05, HP18, HJ05, HJ17, Hig93b, HWX15, HR96, HL89, IM98, Is02, IJ17a, JL91, Jac93, JVZ96, JVZ97, Jac92, JKR96, JZK06, Jay95, JW01, JCN94, JMPY10, KPY15, KV95, KK11, Kau95, KO96, KS08, Koz94, KP15, KKR15, LHR94, Lay09, LP200, LIO15, LZ14, LZ17, LYF17, LSL11, LMSW17, LZL14, LYK17, LL18, LP00, LS98, Luc05, MDD14, MAH18, MP96, MCS16, Mar95, MT11, MKZ05, MT06, Mok17, MP94, MN08, Mur99b, NMKE13, NT92, Olv92, Ost93, PM05, Pau92, PT11, PTV16, PH17, PAJ12, Pot97, PM14, PG02, Pul05, Pul99, ROB17, RA05, RKVZ15, RTV00, RTV02, SS08a, SA90, San89, Sar05, SA12a, SMEN04, Sch02].

differential [Sch87, SD13b, SG06, tSwWy16, SZ12, S17, uIVS13, Sol15, SvIH86, ScVdH92, Sp97, SL01b, SG17, TN16, Tan93, TX18, Tem15, Tho85, Tia15, TB01, TY11, TZA13, TDP17, TV91, Tro93, VV09, Van00, Ver96b, WGK12, WZL08, WG10, WC11, WXX13, WGW15, WMF17, WAC12, WC14, WYL11, WB92a, WB92b, WSS09, Wd92G, XFLC00, Xu13, YXT17, YBL13, YC13, YDWW17, ZG92b, ZH09, ZC10, ZZO16, ZF17, ZS04, ZP97, ZP98, ZX09, ZC99, ZAB15, ZK00, Zzu95, dDF94, in 92, in 95, in 96, tv87, vSW90, van96, vS97, vvdV97, vdHSW98, vB95].

differential-algebraic

[Arn93, BL05, BKP09, BF92f, DS05, EGL09, Hig93b, Jay95, JW01, KKR15, LPZ00, Lu05, MP96, Már95, Mur99b, Ost93, RA05, SA12a, ZP97, vB95].

differential-delay [KO96].

differential-functional [ZK00].

differentiated

[FP92]. differentiation

[Bal00, Ber86, GDG03, EES05, Jam95, RH92, Ske89a, Ske89b, ZL11b]. DiffMan

[EMMK01].

diffraactive [DHL00].

diffuse [Sch16b].

diffusion [GM85, AS11, ALMM96, ALMM98, ALMM01, ABJ12, AC18, AL98, ABR05, BA81, B15, B15D13, Bec18, BM01, BO04, BRR09, BO8a, BCC05, BC04a, BM04b, BW97, Bla00, BTDV10, BFs10, BK12, BC97a, BCDP17, CGGGS11, CFCH09, CC18, CdF01, CM02, CD17, CT93, CDW13, Chn17, CJLS98, CF08, CA16, Deb01, DXY09, Den15, DM11a, Die15, DMM09, DL06, EV96, FMP04, Fno00, FV87, Fra14, Fra16, FJ05, GAML04, GS15a, GS09, Gas92, GV02, GPP12, GPHA16, GS94, HM15, HW06, HEG16, HS95, HFL13, Jia12, JT06a, Jum06, KM95, KKT16, KV07, KC03, KOW05, KLO9, KS01, KSO4, LWT07, LW93, Lan95, Lan97, Len00, Li01a, LY09,
LS99b, Liu09, LYY15, LCLW17, LO96, MOS02, MMKN17, MPSS16, Mar05, Mat09, MG18, MOSW00, MRFF17, NS03, NMB10].
diffusion
[OQ15, Par04, PS09, RSL89, RV13, Sac93, ST11, ST14a, SZ09, SM13, wSJP15, SG09, SG07, SW13, SL15, Str98a, ST08, Su94, SW11, SvdVvD06, zSW06, SW17, TSB10, TH09, Tro96, TMM15, VA05, VVR08, Vej10, Wan01, WL09b, Wan09, WZW13, WW14, Wei09, WB03, Won08, WG11, YL13, YZ17, ZMC13, ZCZ15, ZML+12, ZX14, dHV13, iW07, iW09, iM13, VK17].
Diffusion-Reaction [VK17].
diffusion-wave [CC18, zSW06].
diffusions [Dah02, Spi90].
diffusive [BMMZ06, C¸K13, CCM17].
diffusivity [MG18].
digital [GG95].
dilation [GP17].
dimension [HL89, LL98, MP11, SSvG10, TM04, WSS97].
Dimensional [Per88, Pet87, SR88b, TMS87, TD09, AS11, AW03, AMR12, ASCM02, Bac14, Bak89, Bar09, BRRB09, BG11b, BZ17a, BFA93, BS94b, BBLT15, Bri85, BS12, BF95, CH01, CDW13, CAT16, CY05, dCCSR03, CPOG017, CMCGR02, DhiW09, DE06, Deh01, DA18, DCC14, Din93, DN08, ELCWS98, FP02, FD07, FsSB02, GX11, GM16, GMM09, HZ09, Hor99, HK85, HR97, JTB15, JTO6a, JGK11, KV07, KM16, KF97, KCC04, KS09b, LM00, Lan95, LCHR03, Li16, LS07b, LAH09, LS93, DLM16, LMWZ07, MQO17, Med96, MH16b, Moo95b, Moo95c, Mus11, NY13, PR90, QM10, Sch91, SLJ86, SLW17, SR09, SXP09, SJ11, SZE+92, SvdHK94, SK96, SW12, Su94, SWCH15, TJ12, TV91, WZL13, WQ17, XCS5, XL09a, ZC511a, ZQLK11, ZC511b, dHV13, iW09, vSK97].
Dimensions [MOZ87, BHJ06, BD11, CMP03, EFLFP09, FL09, Gar03, KZ13, MPSS16, Mar05, MD96, Ros93, Str98a, TM05].
diminishing [Ano87a, JL86, JL87].

DIMSIMs [FJ17, JM17, Jac02].
dipole [Nes16].
dipoles [HNP17].
Dirac [Gia12, GGS04].
Direct [ECB07, Leo10a, VV95, YC13, AT93, BTC16, BJM01, CM02, CCGCM12, CC99, CMCGR02, DB08, HFL13, HT94, LCVG01, Map05, Zla85a, MS13].
direction [ACM91, BJ00, CSXL14, FMU15, GX11, JL94, KH91, Phi87, ZXXZ].
direction-dependent [KH91].
directional [BKR13, Dal13].
Directions [Bie87, CXZ14, Sch99, dRT99].
Dirichlet [Ant13, Bie12, DA16, DP85, DY03, HJ09, HB10, MH14, Mau08, MG18, OMP98, PA18, Sch16b, Zho18, vR04].
Dirichlet-to-Neumann [Bie12, OMP98].
DIRK [Ale03, Cam99, HO10].
disadvantages [Car09b].
discontinuities [AG05a, AGY08, CFXZ06, Hig93a, JD09, KS07, WB92b].
discontinuity [DL13, MQO17].
Discontinuous [BP06a, CGJ16, Cas06, Fre98, GH09, Kam16, LKY17, Por17, SW05, YZ17, ACG14, AL09, AW14, AFS11, Aug89, Bac14, Bac16, Bac17a, Bac17b, Bac17c, BVT14, BTP96, Bus06, CP06, CGN03, CCK08, DGN12, DN13, DL13, DMR18, DL16, ER07, FD16, Fra16, FJ95, HLM09, HSS07, HMP14, HJ18, HJ03, KPY15, KWLK00, KXR+94, KQ13a, KQ13b, LH11, LHS00, LZ14, LS07b, ML16, Mus11, PCRR17, RC18, SA12b, SZ09, wSJP15, SvdVvD06, Tem15, VSeYD02, WCXL09, XF06, YT00, ZY14, ZZ17, vR04, vdVS08, vB95].
discontinuously [VT91].
Discrepancy [Sch04, DE18].
Discrete [DLM05, Ehr08, FHK05, Har93, KR18, LMS08, AM09, Ale11, AD18, BS14a, BM12a, BKM13, BRIPO8, BCE04, BF09, BH96, BL06, BGSO2, CXXN14, CR505, CMS04, Dal00, DV95b, EV96, Enr06, FGPR12, GFB99, Gon06, Hu99, KPR12a, KK17, LOS03, LSK12, Lyn92, MC17, MRH14, MWY18, PR09, PT11, PD01, RT14, zSW06, Vej10, jWJ17, YK04b, ZWK15, ZR15].
discrete/continuous \[\text{GFB99}.\] discretely \[\text{FV01}.\] discretisation
\[\text{BDM03, HvdHV10, TGB08}.\] discretisations \[\text{Mat09}.\] discretised \[\text{HS95}.\] Discretization \[\text{Ab09a, Fli03, LS98, AMT13, ASZ15, AKT97, AB12b, BM12a, BCS17, BW95, BK12, CGT13, CLT97, DY17, DM11a, DT10, FMS18, GHK16, GAW09, HL99, HT94, KDAK13, KPR06, KvyS15, Kra92, LPT94, LCLW17, LO96, MS86, NBNTGV11, Rei99, Rob01, SW12, TN16, Tan09, VB07, VK17, VL08, YB10, vR04}.\] discretizations \[\text{AMC02, APJ10, BVV09, BJ01, BJ06, Fun04, GLV06, Gje07, GT93a, HS98, HW97, HST14, HS97, LO95, Mhl99, OsW97, PJB04, Sch02, Sch87, STr98a, vSK97}.\] Discretize \[\text{SC11, CD18}.\] Discretize-then-relax \[\text{SC11}.\] Discretized \[\text{Imo00, ADH00, BN12, DJ10, Guo15, IsT97, Poh93}.\] Disease \[\text{HL97}.\] disorder \[\text{Den07}.\] disordered \[\text{ABD16}.\] dispersion \[\text{AB97, JL17, LR18, van86b}.\] dispersive \[\text{DM09b, DGM18, DL16, Est95, PD01}.\] displacement \[\text{FBS09, LY08, RVD00, ZYSZ14}.\] dissimilar \[\text{Mag13}.\] dissipated \[\text{GM08}.\] dissipation \[\text{Leo10a, SGN06}.\] dissipative \[\text{Gar96, HO10}.\] dissipatively \[\text{HL99}.\] Dissipativity \[\text{Gan09, Hua00, WYL11, MDD14}.\] distances \[\text{CP07}.\] distorted \[\text{WG11}.\] distributed \[\text{ABG}^+\text{15, BCG08, BSZ15, Ei95, LSGK15, LREA04, MRV93, MRFF17, Per99, XL11, dv95a}.\] distributing \[\text{Mit97}.\] distribution \[\text{DNW18, Shy91b}.\] distributions
\[\text{BD07, DGMVP09, Rus95, SdS99}.\] div \[\text{BVV09, MV18}.\] div-grad \[\text{BVV09}.\] divergence \[\text{CHSS01, GDS}^+\text{15, HZ12, HS97, Mat08, MP15, MWYZ18, Pas91}.\] divergence-free \[\text{HZ12, MP15, Pas91}.\] divergent
\[\text{BW15, CFV10, Wen10a, Wen10b, ZJ10}.\] diversification \[\text{AD99}.\] divide \[\text{DH94, Jes93}.\] divide-and-conquer \[\text{DH94}.\] division \[\text{FT96}.\] divisor \[\text{BWY17}.\] DKLAG6 \[\text{CST97}.\] DMLPG \[\text{MS13}.\] document \[\text{MMBB07}.\] Domain \[\text{AF04, Bog00, BS91, CES91, IVA93, JM06, KG90, Kop89, KJ99, LY08, ML91, Pas91, Pav00, TMS87, AMR14, ABG}^+\text{15, BM99, BRVC09, BP90, BH12b, CGS9, CM14, Chun17, CRR03, CG16, DF11, DZZ10, De 93b, DD89, DHL00, Dor91, Dov01, Dy98, Ewi91, FWL18, FL05, Fat12, FPPS00, Gas92, Gk90, Gen10, GCP91, GHF00, Haa97, Hab08, HS01, HSS07, Jun97, Kok08, KRBK16, Kuz90, LLL08, LY09, LR00, LOM98, LS05, MS86, MH14, Meu91, Mit97, MRV93, NMB10, Par04, PR09, PR90, RAS09, RV04, RV05a, SH10, SWW17, Ste05b, SM89, Su94, Tse00, Yu99, YDWW17, ZPT92, ZHL03, Zho17, Zho18}.\] domain-based \[\text{Har98}.\] domains
\[\text{BN12, CL08, CM02, CS17, FMS18, Fer09, FL15, FBM17, yGyZ07, HZBM05, HP18, HY01, JT06a, KDK17, Lau17a, LHWF08, MPTT17, Nke07, Pec09, Roz05, RA09, RS00, RU15, SFD9+5, SvdVd06, Tsy98, TY00, Wal00a, WS04, Yos00, Zha14, ZZL17}.\] dominant \[\text{DB95, SMJ12}.\] dominated \[\text{BC08a, CP05b, GAML04, Hinf5}.\] Döring \[\text{DS01}.\] Dormand \[\text{EL97}.\] double \[\text{C}K13, DS97b, GL17, MK14, MCS06, Wd10b}.\] double-diffusive \[\text{C}K13.\] double-sided \[\text{GL17}.\] doubly \[\text{BW06, WKP12}.\] down \[\text{CH04}.\] downdating \[\text{YK04a}.\] Downwind \[\text{BW97}.\] DP \[\text{DH95}.\] drift \[\text{BK12, DR09a, Fou00}.\] drift-diffusion \[\text{BK12, Fou00}.\] drift-implicit \[\text{DR09a}.\] driven \[\text{AKT97, DHM09, Guo00, Mik97, MS99b, RBC02, RTO11}.\] driven-cavity \[\text{Guo00}.\] Drummond \[\text{BRZ10}.\] dry \[\text{BDM12}.\] DtN \[\text{CAAT16}.\] Dual \[\text{CLS04, GHT05, BSZ99, Car09b, CCK03, HMM05, MDT05, NRR06, SZ99, dRT99}.\] dual-species \[\text{CCK03}.\] duality \[\text{DE16}.\]
duals \[MB08\], duct \[Gla94\]. Due \[PGM86, BMP05, Fai00\]. Duffing \[EK95\]. Dundee \[Ano02g\], Dupin \[MMP02a\].
Dynamic \[HL89, MC00, Aho07, AC18, BBD18, BS94b, CS01, Chr96, CF13c, CF14, DS07a, De 06, DBH+05, EWO8, FLØ+97, GL17, HSR18, Ito17, KW12, LA12, LZ13, RP01, RN04, SMC08, Shy91a, Shy91b, SM89, Wee01]. Dynamical \[CLT97, J´ez04, Arn95, Bai02, BM06a, BCF+13, CH95a, Car94, CCP04, DV95b, Hua00, Ise94, LBCN00, MR06, Pul12, Ram96, RW87, Sch95a].

dynamically \[Tho85, TLV92\].
dynamically-adaptive \[Tho85\].

each \[GGG16\].
early \[ZGO12, ZO14\].
early-exercise \[ZGO12, ZO14\].
Earth \[Nak05\].
earthquake \[FKA+13\].
Economical \[BM06b, CN11\].
economization \[Som86\].
eddy \[BKP14, LCVG01, MS08b, RV09, Sel14\].
eddy-current \[RV09\].
eddy-current \[RV09\].
edges \[JGK11\].
edition \[Aho87, Aho03e, Aho04f, Aho04g, Aho04h, Aho04i, Aho04j, Aho04k, Aho05d, Aho11a, Bie12, GGO14, BMV06, CF18, Con99, Ghe97, HC01, LfX15, MPB12, FdSB02, Gen10, GGO12, GGO16, GP91, Kes93, LfX15, Mat05, PV93, SL11, Sol15, SL01b, TM15, YLL09, YSBL14].
eigenfunctions \[Bie12, CF18, HM09, Pru00\].
eigenmodes \[LLL08\].
eigenpairs \[Jia02, YSBL14\].
eigenproblem \[JP93\].
eigenproblems \[Jia00, Pet92, RA09\].
eigensolvers \[AG05b\].
eigenspace \[LF15\].
eigensystems \[Tan87\].
Eigenvalue \[Nak12, ZGL98, AGM09, AG05b, AC08, AP08, BGO13, BHN01, BLY16, Bou16, CL08, CJX11, DDP12, FdSB02, Gen10, GGO12, GGO16, GP91, Kes93, Khe91, LVfP14, LX09, LfX15, Mat05, PV93, SL11, Sol15, SL01b, TM15, YLL09, YSBL14].
eigenvalues \[An16, AT13, BC99, Bie12, BG14, BMV06, CF18, Con99, Ghe97, HC01, LF15, Mor05, Ore93, YBL13\].
eigenvector \[BGO13, GGO16\].
eigenvectors
[HC01, LfX15]. eight [Wen98]. eighth [EL97]. eighth-order [EL97]. eikonal [ACMR06]. Einstein [ZB07]. Elastic [CLP15, Abr93, AMV17, CFKS07, Che88, DG96, DTS9, FJH+01, HS07, IT07, KK06, LH11, LDW16, LR01, LR03, RL06, Sim98, WQ17, XC85]. elastic-visco-plastic [HS07]. elastica [It017]. elasticity [BF01, BBG14, BRS05, CHX13, De93b, DN13, LHC09, MOS12, MG00, Por17, SS99, Wan05, XZL07]. elastodynamic [DPPR16, DS15]. elastohydrodynamic [AGJ12]. elastoplasticity [BS02, SW11]. elastostatics [AW03, FMGN94]. electric [Dav98, ESS15, GR93, LW07]. electrical [BBS11]. electro [FPS15, NS16, RV99]. electro-magnetostatics [RV99]. electro-mechanical [FPS15]. electro-stress [NS16]. electroelastic [MZ04]. electroencephalographic [KRKB16]. electromechanical [FOM05]. Electromagnetic [DRC85, CM14, Du11, EH05, GA09, Hab08, HM66, JI14, LGH11, NT16, Par14, Ric08, WN12, WWLS08]. electromagnet [BGM+09]. Electron [DRC85, TMS87, CPD+05, PCA10]. electronic [BLW02, SW06]. Electrophoresis [VK17]. electrophysiology [NK11]. electrostatic [HN17]. Element [BS14a, BW86, BTDV10, CF86, Rei85, ZW87, AMRR18, AL09, AMT13, AS97, AK00, ADK94, AA87, ADFR18, AKL08, ABR05, Arc06, AM16a, AMH03, APJ09, BSGU94, BC12, BHJ05, BP14, BY00, BF01, BK17, BLY17, BM01, Beh97, BB15, BC08a, BMS89, BC08b, BGH08, BKP14, BDF94, Bla00, BC01, BBD08, Bo06, BG14, Boh03, Bra00, BMJ01, BD11, Bür12, Bür13, BL08, BH12b, CLT97, CDGA17, Car09a, Cau08, CS94, ÇD17, CCZZ18, CH01, CX01, CC04b, CZ04, CH07, CZX09, CCLT10, CL10, CJX11, CHX13, CSX14, ÇK13, Cod08, dCCSR03, Cop03, Cuy12, DPPR16, DB97, DA16, DA17, DA18, Dek17, DSDS9, DM11a, DLP06, DN08, DL16, yDqGuJT09, DL06, DR93, EH07a, ER07, EFLFP09, FS15, Fat12, FMGN94, FLO+97, Fre98, FJS99, GAML04, GM10, GA09, GLPW09, GGO12]. element [GGO16, GP01, Gol86, GH05, GGG16, GGRN17, GS94, Grv09, HLZ14, Har10, HKZ08, HLMP09, HS04, HL08, HMDv03, HL02a, HL03, HvHv10, HW97, Hsi06, HLC10, HZ02, HZ12, Hua17, HSY18, JJ94, JP08b, Jro09, JK14, JEG10, Jol01, Kam16, KDAK13, Kar99, Kie17, KK06b, Knu12, KJ99, KFOF02, KZ13, KN03, Kau98, KX03, Kwe01, Kwe03, LHC09, Lam13, LCHR03, LP05, LWD+09, Li98, Li00a, Li01a, LH08, LH09, LA11, Li12, Li16, LH17, LX90, LLS+96, Lu09, LCLW17, LAH09, LL02, LW95, Luc95, LZY09, MD00, MK14, Mai06, MCS06, MZS10, MH16b, MD96, Mou03, MWYZ18, Mul09, Nak05, NY13, Nke07, NS16, PZMX16, Pec09, PP00, PT95, QMLC15, Ric91, Ric94, Ris05, Rob10, RV15, RX08, RBT15, RA09, SSZ16, SS00, SG00, SD11b, SH10, SQ17]. element [SWX00, SA00, SG07, SD09, Sol15, TLP18, TN16, TW00, TM04, TM05, V000a, VAMS07, WZL13, WY18, WK00, Won08, XL09b, YGY15, YL09, YS09, YY13, YSBL14, ZL17, ZAO09, ZCZ15, ZPT92, Zhe07, ZWK15, ZH17, ZHC+18, dFN00, van95, BTDV10, CLR11]. element-free [Li16, ZO09]. Element/Spectral [BTDV10]. Elements [CHM09, AW03, Arc06, BHJ06, Ber04, Ber05, BG06, Bot97, Bra00, BL08, BH23b, CZ04, CYM09, EJS11, FM11, Fun94, HLMP09, HLY04, HLZ06, MW05, HJ03, Jun06, KOS+12, KX03, LPT94, LM00, LH02, LMWZ10, ML01, MN02b, Pavo0, Pic05, ST08, TW00, Tro96, TMM15, WB90, YBL13, Yi12, Zeg97, Zha09]. eliminated [Mau08]. Eliminating [ACM91]. elimination [AGP97, GP93, GY94]. elliptic
elliptical [BDSG09, DSV13].

Embedded [KNT13, BDGP96, BDP99, vR04, Kam16].

embryogenesis [MSS+15]. Emden [LO03].

emphasis [GR02]. enclosed [DS17].

enclosing [DMH18]. Enclosure [RBBC85].

end [Agu15, Wel10b]. end-point [Wel10b].

endgame [WWS*93]. ends [Ito17, RL06].

energies [FJP17]. Energy [AFF+15, EFLFP09, ZHL08, Bar12, BFGP08, CCL04, GM08, Ito17, DE18].

engine [NER95, NR97, SM08, van98].

engineering [SW95d]. engines [Fer14].

Enhanced [BB94, CCC08, GT00, Aff94, CHX13].

enhancement [BGO13, WZ02]. Enlarging [Zha07].

ENO [AMR12, BL06, HS98, KS09b, SZE+92].

ENO-discretizations [HS98]. enough [Enr06]. enriched [WCSQ18]. ensembles [AB17]. ensures [Rob01].

Enthalpy [Jes85, Ros93]. entire [Dés08]. entropy [CD91, HJP10, Tad86]. environment [GGNP02, KLS13]. environmental [DMP08]. environments [LS99a, RN04].

epidemics [HJ06]. equalities [MMP09].

equality [LDP+14, ZP12]. Equation [Ant13, PB10, PGM86, AS11, ABJ12, ADK94, AS04, AHO16, Ale11, AT15, ACMR06, AB10b, Aug06, AM10a, AD01a, ABR05, AR15, APJ09, AM04, AED12, ADH00, AMS17, Bac17c, BF92a, BS06, BOE00, BCS17, BM01, BGT97, BCM04, BMGGG12, BN12, BM04c, BLM17a, Bho12, BDKM92, Bor02, BDN+97, Boy91a, Boy07, BFdO07, BP92, BPTT15, BR97, BC97a, BB98, CGT13, Cal09, CFS13, CGP15, CCG13, CM09, CD17, CCZZ18, CJL13, Che88, CH01, CDW13, CHH15, CZX17, CLP15, CF13b, Cho13, CCC08, CCK08, CR03, CH89, Day98, DS07a, Deb01, Deb05, DA16, DA17, D97b, DSK12, Duj09, EZ03, EVO04, EVO06, Est95, FWL18, FP02, FRRJT10, Ffd96, FT06, FL09, FL15, Fl03, FG13, Fre98, FFQ09, GGN12, Gia12, Guo96, GGO13, HZ09, HP14, HM15, HM17].

equation [HILK13, HLT07, HS95, HW04, HJKW17, HJL18, HvHV10, Hor99, Hor02, HK85, HLY04, HL06, HO16, Is79, Isk89, JR00, JRW06, Jez99, JR02, KDAK13, KB811, KO96, Kim95, KR89, Kra92, KKK6, KR15, Laut7a, Len00, LHWF08, Li08, LW17, LWHC17, LR18, LD97, LO03, Lin97, LCLW17, LP01, LMWZ07, LZ09, Lyn99, Ma03, MZZ17, MDP10, MDR11, MB10, MPTT17, Mai09, MP11, Mar93, MVVA09a, Mar05, MG97, MYSC17, Moe98, Mu99, Ngu15, NMB10, OMP98, PR90, Pau92, PR90, Phi91, Ric94, Rob01, RT14, RMK09, RS00, SS08a, SS04b, SLW17, Sim91, SG09, SS17, SDK15, SL15, SG92, Su94, SW17, SW16, TMD92, Tar98, TOD11, Tia15, Usn97, Van92, Vasil7, jWY08, WL10, WN12, WZW13, jWj17, Wan17a, WQ17, WC14, WW14, WS04, XCS5, YXZ18].

equation [ZL17, ZWH+17, ZHJ18, ZML+12, ZZ17, ZZL17, ZZC+18, ZXW17, ZR15, dVA02, iv09]. Equation-based [PB10].

Equations [BGHR12, BGH+15, CP09, Jac87, Pet87, Rei85, ST86, AS13, ALMM96, ALMM98,
Abu04, AQS94, AB88, AMT13, AK09, ADR17, AM99, AM00, ACM08, AHR12, AT93, AAM03, AB07, AL17, AW03, ABF09, AR18, AF89, Arn93, ARS97, ALP96, AAD14, AD18, AM10b, AFF15, AO91, AV00, BSGU94, Bac16, Bac17b, BHJ05, BKM95, BBPR05, BP06a, BL05, BKM13, BLW07, BES18, BKP09, BF17, BJ05, BGS06, BLY17, BRSD91, Bch97, BZ92, Bel97, BO04, BO11, BH96, BG11b, BGG13, BF92b, BW95, BG02a, BJ05, BLY17, BLM17b, Bla01, BC01, BrTBV87, BDFV95, Bog16, Bok03, BV09, BF09, BBIT15, BJ11, BHHJ13, BCG13, BTDV10, BV09, BBV10, BVRB14, BBRB18, BFUs10, BPM15, Bre06, BS93, BS08, BK12, Bru92, Bru97, BMM17b, BMM97a, Bru07.

equations [BL06, Buc06, BH97, BDM03, B¨ur12, B¨ur13, BCS06, BC89b, BB96, But92, BC95, BJ96, BJ98, Cah92, CFVX06, CNF01, CLT07, CC18, Cd4F01, CC90, CAG06, CL01b, CP04, CHLX07, Cao10, CHZ14, CCP17, CDP17, CKPS15, CD95, CSS87, CCM02, Cha98, CJS09, CT93, CH01, CL07, CXZ09, CZ12, CL14, CXX14, CDH15, CS09, CL01b, CRU15, Chi12, Ch93, CBD16, CK13, CCJ99, CY15, Cod08, CNS00, CP17, CST07, CN11, CN15, CCM15, CG14, CPO3b, Cum95, DT15, DD07, DS17, DG10, DS05, DRO9b, DMH18, DJ10, DXY09, DM09b, DJZ12b, Den15, Den93, Der92, DM11a, DCC14, DS97a, Die15, DLPV17, Dob05, DB08, DDBH14, DNN04, DGRS09, DSSC15, DC09, Dor01, DJL04, DS01, EAV16, Ehr08, ELCW98, ESEEK10, EV96, ELLE02, EGL09, EMMK01].

equations [EH97, En06, EK06, EH09, FID18, FL94, FS15, FMS18, FMMK01, FD16, Fan11, FL93, FJ97, Feo06, FNT06, FCX06, Fer09, FP14, FJP17, FR18, FV87, FJ95, FJS99, Fre04, Fuh01, Fun04, Gan09, Gan96, GS99a, GX11, GLW14, GM16, Gar96, Gol86, GLM09, GM17, GKA17, GGS16, Guo04, GGRN17, GN86, GS94, Guo00, yGqW05, GH07, yGyZ07, yGpY09, Guo15, Guo01, HGP07, HP85, HN03, HM87, Han93, HZBM05, HO10, HP18, HHT97, HJ05, HLR18, HHC08, HL08, HEG16, HJ17, HS17, Huen00, Hey10, HL03, HLMK06, HX15, HW15, HA16, HX11, Hu99, HR96, Hua98, HLL09, HZ12, HFL12, Hua17, HV95, HLM98, IM17, Iga85, Ise02, ITZ17, IRC12, JG17a, JL91, Jae93, JY95, JZ96, JZ97, JZK06, JMS99, JW12, Jes85, JW01].

equations [JEG10, JCN94, Jol01, JMPY10, JT06a, Jun06, JT02, Ka96, KV07, Kan89, KX91, KKK12, KNN03, K008, KPY15, KS00, KT05, KV95, KK11, Kau93, Kau97, KM16, Knel85, KCL00, KO92, KF97, KS02, KLY05, KS08, K07, KOW05, KNT13, KSSS16, KSW16, Koz94, KCB02, KP15, KR18, KN93, KLS10, KKK15, LH11, LHHR94, Lan95, Lan97, LP05, Lau17b, Lay09, LT12, LS16, LHS00, LPZ00, LH02, L05, LHR08, LY09, Li11, LA11, LZ14, LZ17, LF17, LSL11, LS12, LZW17, Lie01, LJK07, LMSW17, LS13, LY16, LW92a, LW92b, LY03, LW07, Liu09, LZ14, LYK17, LLD18, LN12, LR00, LS96, LS98, LRE04, MDD14, MQ017, MA18, Maj14, MO17, ML16, MS08a, Man96, Man97, MCS16, Mar99a, MVA09b, M09, MZ16, MNT06, MV17, MIE89, MO14].

equations [MV02c, MD10, MH16b, MK17, MP94, MN08, MRF17, MWY18, NK11, NMKE13, NT92, Ngu15, NT16, Nke07, Nor97, Oji88, Olv92, OT02, OS12, PM05, Pas91, PM91, P11, PV16, PD01, PA18, Pet00, PP92, PH17, PAJ12, Pot97, Pow94, PM14, PG02, Puh05, Pul09, QLL+08, QM10, QR03, QMLC15, QAMX17, Rab94, RZ00, ROB17, RA05, RR14, RG05, RV05a, RF16, RA03, RTV00, RTV02, Ric91, Rih92, RS08b, RLSS06, RK91, RSK14, Roz05, RT95, SST12, SS16, SA90, San89, Sar05, SH09, SKBS08, SA12a, SS99, Sh08, SZ09, Sch87, Sch95b, Sea09, SB14, SD11, SD13b, SG06, SG86, GS94, Guo00, yGqW05, GH07, yGyZ07, yGpY09, Guo15, Guo01, HGP07, HP85, HN03, HM87, Han93, HZBM05, HO10, HP18, HHT97, HJ05, HLR18, HHC08, HL08, HEG16, HJ17, HS17, Huen00, Hey10, HL03, HLMK06, HX15, HW15, HA16, HX11, Hu99, HR96, Hua98, HLL09, HZ12, HFL12, Hua17, HV95, HLM98, IM17, Iga85, Ise02, ITZ17, IRC12, JG17a, JL91, Jae93, JY95, JZ96, JZ97, JZK06, JMS99, JW12, Jes85, JW01].
SH10, SV00, She96, She00, SY05, SY07, tSqwWyG16, SZ12, SWW16, SZ17, SVB17, Sid02, SG07, uIVS13, SS16, SS13a, SvdHN86, SCvdH92, SW13.

equations [Spi97, SMA01, STS05, SWT12, Sti03, Str98a, SG05, SBG09, SS12, SWW11, SLZ10, SG17, Tad86, Tah96, Tan93, gTpmM07, TX18, TH18, Tan09, TJ98, Tem15, Tho85, TV92, TB01, TYJ11, TZA13, Ton04, TH09, TDPU17, TLSS09, TV91, Tro93, Tr96, Tsy96, TY98, UNGD08, VG04, VA05, VB07, VD03, VV09, Van90, VK17, VCC12, Ver96b, Vic87b, WGKS12, Wan01, WY02, WZL08, WL09b, WG10, WC11, WWX13, WZL13, Wcw14, WGW15, WZ16, WFM17, Wsy18, WAV12, Wei09, WY11, WB92a, WB92b, WB03, WP116, WSS97, WG11, WdG92, XFLC00, XL09a, XL11, Xyt17, Yh00, Ys09, YT00, Yc16, YC13, YX95, Yls+09, Ydww17, Zdb03, ZG92b, ZH09, ZC10, Zha14, ZW97, Zha01, ZZ016, ZFX17, ZSJ04, ZP97, ZP98, ZG90, ZCSH11a, ZCSH11b, ZGDL17, ZC99, ZAB15, Zou10, ZK00].

equations [Zuu95, dAF17, dH95, dDF94, de92b, dG91, de93a, dPT96, dlHV13, in92, in95, in96, iw07, iw09, Im13, tv87, vsw90, van96, vs97, vvdV97, vvdVS08, vdHSW98, vdVS08, CDP12, RMM12].
equi-directional [BKR13]. equidistant [Bec18, DS97b].
equidistributed [BM00].
equidistribution [BM01].
equidistribution [DGM18, DJL04, ITZ17]. equispaced [BS90].
equivalence [BC98, DLD18].
equivalent [PSP04b, RMC04]. ESIRK [CKM10].

ESIrk [WWX13]. Ernst [CM90]. Errata[Tsy96].

ESDIRK [Ran15]. ESIrk [BC98].

ESPRIT [PT15].

ESIRK [CKM10].
LL98, LMWZ10, LZ14, Li16, LYF17, LY03, LO95, LO96, NY13, PD01, RL06, SW11, SG07, SpI93, SWCH15, TM04, TM05, WH13, XL11, YSBL14, ZMC13, ZCZ15, ZYS17, ZWX17, Zou10, Zou11, Zup03, Zup04.
estimating [KK17, YK07]. Estimation [BCM03, Fu99, Rei85, RVdCVR02, AOW94, An16, AMIV03, AB12b, BLS94, BGO13, BD07, BRHR05, BP92, BP06b, CDGA17, CCS17a, DDHS97, DT89, EFLFP09, GHT05, HLMKZ06, KDT17, Kim12, LSK12, Moo04, OZ96, Tia15, Wei18, YV17].
estimation [AM16a, Fdi96]. Estimator [AFLP12, AKT97, AR18, BKS07, Bùr12, HOS11, LS12, SZ09].
estimators [AFF+15, BBG14, Kim07, SS00, Yi12].

ETRs [BT97c]. Euclidean [BS00a, CP07]. Euler [ALMM01, BRD04, Bor10, BW15, BCGI13, Boy91b, CHPV09, DDHS97, DT89, EFLFP09, GLMY17, HK03, JK86, JKW12, Kes85, KKW00, Kor95, LW07, LLD18, PP92, PM14, RZ00, SA03, San02, SMA01, WC11, WM09, vS97].

Euler-accelerated [Boy91b]. Euler-flow [Kor95]. Eulerian [KCC04, RVD00, Sea09].

European [CPOGO17]. evaluate [CPD05, LL15]. Evaluating [EC07, ACM09, BVBO9]. Evaluation [BO87, BP02, BK06, BZ17b, DFC09, EW97, JBL11C, LS16, NRZ12, Pel15, ST14b, SG08]. evaluations [Dah02].

Even [AS05, BCC16, CTBV87, tV87]. event [Aca12]. evolution [AHO16, BG02a, CLTF7, CFKSF07, CNO00, DA17, EH91, Hag15, HO10, KNT13, LT12, MWL207, MQO17, Mik87, MS99b, OS12, PPC00, RT14, SG92, Tah96, XL11].

evolutionary [BJ01, CJLS98, CG14, Gaz96, PM91, Zeg97]. evolving [FM07]. Ewald [HNP17]. Exact [CH15, FJ09, Ise97, AB10a, AW14, FV87, GHKM09, HH98, Hag15, LA12, SL17].

exhibiting [Bec89, SIl92, ZY93]. Exhibitor [Bec18]. exhibits [SG92].

Existence [Fuh95, HS95, KR15, MA03, FL01b, Gu01, HHT97, SPIL13]. existing [CZY08]. exotic [DLM16]. Expanding [HW93]. expansion [Boy87, CJK10, Fel06, GGS16, Han93, Hig93b, NH09b, MS13, NA01, WE99, Zan01].

Experience [Ney95, SD93, BR97]. experiences [SFDM02, HvdHV10]. Experiment [TYKK01a]. experimental [AYa09, FHM+02, KKN+13, KNN+17, SA08].

Experiments [BH85, HG98, Sch99, Ste97, BG11c, CFKSF07, JMP06, PW098, SY03, SH02, SG92, TOD11, VP091]. Explicit [AM99, Cha89, CS03, Con01, DMI11b, DGM18, HLR01, Nao95, Ric91, Som93, VS95, Ver96b, WBVM88, A04, ARS97, BC08a, Bos09, BH93, BUR85, BB96, BW03, CH95b, CMR11, C07, CCG13, CV95, FW07, FW08, FWL18, FD97, FH97, GM16, Gje07, HS09a, Hoa15, HZ02, HJ03, LI17b, KKT16, KKP07, KCL01, KSM16, KWB18, Lwu17, MOU14, NME13, Olv92, Ost93, Ric94, SW09, SG96, SV00, uVS13, Som86, SS09, Ts01, Ver96a, VBH96, WWX13, WK12, WG11, WD92, ZO16]. Explicit-extended [KSM16]. explicit-implicit [Wd92]. Exploding [NME13]. Exploiting [GV04]. Exploring [Her91].

Exponential [CPG15, Duj09, HO05, QR03, RK08, TGB08, WEA12, ABK12, AB14, ACM09, AEF+14, BP12b, Bor10, CO09, CL07, CS17, Har00, Has13, KNT13, LY10, LSL14,Lua17, MS99a, SW09b, TN16, WPS18, ZO16].
Exponentially [BO11, VV05, VV09, Zar17, AW03, CDP17, GS94, VV07].
Exponentially-convergent [BO11].
Exponentially-fitted [VV09, VV07].
exponents [BH97, DV95b]. expression [Pre90].
Extended [Hey10, KCI03, SV00, Sim10, WX06, Bar05, BL86, BT97c, CL85, CZ12, KD13, KSMMM16, KK17, Sim93, YT03, ZH09, van86a, OR18, CLR11].

fast-wave-slow-wave [SKW17]. fastest [Dar00]. FE [HHR12]. FE-analyses [HHR12]. FEA [SA05]. feasibility [vR04]. feedback [MDHK06, SA05]. Feedforward [MDHK06]. Fejér [Nov03]. fem [MOS12, BS14b, BGG04, BBG14, DS07c, Fra16, GT15, GMZ11, Gas92, GMM09, GKMS09, GMS12, Gon06, HY01, KMS10, Lan97, MS00, MS08b, NS12, RDH+12, RV09, Sc14, Usm97, WCXL09, Yos00, ZXW17].

ferromagnetic [Fra04b, SC03]. FETI [DHS05, Ste05a]. few [DV95b]. FGMRES [MRH14]. Fibonacci [BL86, KSSS16]. fibres [NS13]. Fickian [BFdS10].

Fictitious [BH12b, AMR14, ABG+15, Zho17, Zho18]. fidelity [CKS05, Rob01, SYG+05]. Field [DRC85, AAD+08, BC02, BF17, BLY17, BP85, CL02a, CKS05, Dav98, EH88, ESS15, GD09, JK17, LM00, MRS03, PA18, QL16, Ram94, Ric08, TOCV02, YK04b]. fields [DFC09, Lei99, LW07, MAG13, WSC09].

fifth [Chr01, CN16]. filling [FGPR12, LS10].
films [BCMV03, SSW04]. Filon [Has09, Has13, Maj17a]. Filon-type [Has09, Has13]. Filter [Wal00a, HC01, SXP09, TZ00, Wal00b, ZP12].
filtering [Bar05, BGS02, KK17, LOS03]. filters [YR09]. filtration [CGN03, CD13].

final [HP14, YL13]. finance [Lai09, Le 12, RO16, SS08a]. financial [CKM15]. finding [BASC17, Car94, CGG02, CZY08, HdsR17, Iga85, Meh08]. Fine [RTV02, Gus87]. Finite [ADFR18, BW86, BKP14, BTDV10, ÇDI7, CLR11, CF86, ÇK13, Cop03, DL06, EGH01, FJS99, GAML04, GS94, JV09, KZ13, KR12].
finite

finite-conductivity

finite-difference

finite-dimensional

finite-element

finite-length

finite-part

finite-type

fixed

fixed-point

floating

flocculated

flow
AKT97, BDMG12, BFS17, BJ00, BL08, Cai15, CML05, CRTU15, DZ12a, DM09a, Duf90, ER07, EJS11, Ewi91, EWW99, FL01a, FLL11, GM08, GMZ08, GM10, Gar92, GHK16, Gat91, GOGF03, GJR03, HJ09, HCW16, HST14, KHA12, KSSMM16, KH91, Kor95, LTC03, LC02, LMS08, MD00, MM07, Min04, Mon03, Obc15, PT09, PK91, PCRR17, RR00, RVD00, RZ15, RBC02, Sch16a, SQ17, SG16, SZE92, Shy86, Sid02, SY08, SH91, SW05, TYKK01a, TYKK01b, TOCV02, TC03, VO00a, Zan91, ZOZ09, ZYS17, ZQLK11, dB03, vdHVW01]. Flows [CF86, Mac86, hYK86, BL91, BC04b, BBL02, BS08, CIZ96, CHPV09, CCLT10, CHK99, Din93, DMQ02, DdCVR03, DII15, EH07a, EAS12, EL01, Fai00, FPRA09, GP00, Gla93, Gla94, HH10b, JN07, KMR09, Kar89, Kie17, KW98, KDK17, Kwe00, LDIW16, LT00, LR87, LP97, Mur15, NC16, PBC08, QW04, RCGM98, TLP18, TER03, TKN11, Tur86, XLL07]. Fluids [CFXZ06, CFX08, CL09, DJL04, Elm02, Ewi91, FMP04, FLL11, GMM09, Gat91, GS18, GJR03, HTO0, HCW16, JRT90, LTC03, LK07, MP05, Mat08, MR01, NC16, Nü09, PT09, Pul86, RHQ12, Sid02, S093, SM99, Tow16, Tur93, VSN91, VT91, Wu09, ZO90, ZYS17, dPT96, vdHVW01]. fluid-dynamics [dPT96, CFXZ06, CFX08, CL09, DJL04, Elm02, Ewi91, FMP04, FLL11, GMM09, Gat91, GS18, GJR03, HTO0, HCW16, JRT90, LTC03, LK07, MP05, Mat08, MR01, NC16, Nü09, PT09, Pul86, RHQ12, Sid02, S093, SM99, Tow16, Tur93, VSN91, VT91, Wu09, ZO90, ZYS17, dPT96, vdHVW01]. Fluid [Bie87]. Fluids [CF86, Mac86, hYK86, BL91, BC04b, BBL02, BS08, CIZ96, CHPV09, CCLT10, CHK99, Din93, DMQ02, DdCVR03, DII15, EH07a, EAS12, EL01, Fai00, FPRA09, GP00, Gla93, Gla94, HH10b, JN07, KMR09, Kar89, Kie17, KW98, Kop98, KDK17, Kwe00, LDIW16, LT00, LR87, LP97, Mur15, NC16, PBC08, QW04, RCGM98, TLP18, TER03, TKN11, Tur86, XLL07]. Formal [CAAT16, Mur99a, Mur99b, WB90]. forms [BS14a, Beg00, CJ90, Eir95, Sal03, SST09, Zan91]. formula [DH09, Kza99, SHA12, Ske89a, WC02, Zla85b, Zup04]. formulae [BZ93, Ber86, CV95, Dia95, WX06]. formulaations [BR16, BDMGV05, BGVHN10, CCBG08, Chr01, DGV00, DBCBPP10, DIR13, GPHA16, Has08, HJ17, JKN94, KS09c, Kza92, Maj17a, SG96, Sid14, Ske89b, Xiu08]. formulated [AA87, AFS02, BC02, BK17, BRS05, BS96, BP95, Gat91, GP00, GS18, HP85, HH98, HL03, KKP07, KS02, L98, LZY09, MG00, MS08b, Med96, SLJ86, Wan05, Wan98, ZdBT03, DM12]. formulations [LRS09, LLL08, SM13, WK00]. Fortran [GBDB97, TS06]. forward [Fre98, JM94, MII13]. found [Duf90]. four [BLY17, CPD05, WBCK02]. four-center [CPD05]. four-field [BLY17]. four-stage [WBCK02]. Fourier [ST14b, BH96, CPOGO17, DM09b, FFQ09, GANT02, HM09b, HM15, HM17, Luo00, MM07, M99c, Nke07, RGL16, RO16, She00, WZL13, WMF17, YR09, ZO14]. Fourier-finite-element [Nke07]. Fourierization [SW07]. Fourth [BM06a, CHSS01, EH09, GX11, Lu17, YT00, CER91, DWh09, DZ12b, Den15, DB08, yGwWC05, Kat89, KZ13, PZM16, PGDB08, Ven15, Wan07b, Wan17b, Wen98, WYP12, Zha14, BGH15]. Fourth-order [BM06a, CHSS01]. Fourth-order [EH09, GX11, Lu17, CER91, DWh09, Den15, DB08, yGwWC05, Kat89, KZ13, PGDB08, Ven15, Wan07b, Wan17b, WYP12, Zha14]. Fowler [LO03]. fractal [DdCVR03]. fraction [AR93, C1M98, CV88]. Fractional [BZ03, CD18, RO17, AHO16, APJ10, HW04, WCGW95]. forecasting [RW87]. Foreword [FJ92, IN01, Vic87a]. form [Boy06, EK97, JBL11, Kam00, MN03, PWS06, Ree03, Sin93].
BFS17, BZ17a, BCGI13, BJ01, BJ06, BCDP17, CC18, ČD17, CDW13, CJLS98, CP03b, DA16, DA17, ESEKZ10, HJ17, JL17, KBS11, LYF17, LHW17, LR18, LYY15, LYK17, LC1W17, MCS16, MC17, MT06, Mok17, PT16, PH17, PJB04, PAJ12, SKBAS08, SS17, SL15, SW11, SW17, VA05, WZ13, WW14, Wu09, YL13, YDWW17, ZL17, ZIZ17, ZWX17.

Fractional-order [ROB17].

fractions [Bre88, CJV88, GGMP88, Gil91, Hau88, Jac88, JT88, Lem88, Lev91b, Lev91a, Lor10, Njå88, Waa88].

frame [IPL02, Jia12, PLI03].

frames [JP17].

framework [BGO13, DSZ15b, DSZ15a, GR02, KS07, SB03].

frameworks [MM16].

Fredholm [BES18, BMGG12, CHLX07, Fer09, JRW06, Kan89, KX91, KPR12b, LN12, Mie89, PZ11, ROB17, VBD93, Vas17, XL09a].

free [AMH03, BSVO9, BM06a, CDVO0, DA16, DA18, DN13, EH06, FPR09, FJI+10, Fuji99, HZ12, HLJS16, Ito17, Li16, LMSW17, LR87, LYOI99, MNR14, Mat08, MP15, MZY18, NW09, Pas91, SW95b, Ver93, XLK07, ZG92b, ZO09].

freedom [Mau08].

frequency [HM86, KKN+17, KCW16, LT07, LCJQ12, Par14, PG02, Pul05, WWX13].

friction [BBD18, Gw09, KPR06, Por17, QMLC15, QAMX17].]

fractionless [Ahn07].

friendly [TS06].

Frobenius [Gar02, Mr05].

frog [TH18].

front [Gro94, SW86].

Fronts [SM13].

Full [Spi00, Ben02, Mt97, SH10, XZZL15].

Full-FAS [Spi00].

full-Newton [XZZL15].

Fully

[CPR93, ER07, FID18, Gon06, Wan17a, AGJ12, ALMO4, BMK13, CL01b, DS17, DL16, Guo15, Knu94, Knu95, Lan95, LR18, Now96, PD01, zSW06, jWJ17, vSK97].

fully-coupled [AGJ12].

Fully-geometric

[Wan17a].

Function [MRF00, Boy15, BRZ17, BP95, GS17, HSS07, JD09, KKT16, KAS17, LN08, Man96, NRZR12, Pré01, RS09, Sar05, SJ11, uIVS13, SS09, Sus10, Sza94, Ver93, WL09c].

Functional

[BNH01, Jac87, BKM95, BBPR05, BCC16, Bru07, Buc06, Cal92, CST97, CH90, FT06, GM08, JL10, KO92, Li05, LZ17, NT92, Par14, PH17, tSQWyG16, Wan17a, WYL11, ZK00].

functional-differential [CST97, JL91].

Functionally [HS09, Ha15].

Functionally-fitted [Ha15].

functionals [BRRS15, LS86].

functions [AG05a, AMCM09, AGY08, ACM09, Beh93, BO11, BG11c, BE09, CMP15, CFV10, CPD+05, CJKM88, Coo89, CPZ17, Dar90, DW00, Dés08, DMGO05, Die15, Dra07, GFB99, Gil10, GK93, GP04, GPP04, GP17, GGS04, yGY07, HZ96, Iva07, Jac88, Jad94, JJZ10, JM05, Jun07, JGK11, KCS07, Kza92, DLM16, Luo18, Mac92, MD06, MHC16, Mar94, Nov03, PG10, Pas91, ROB17, Sad96, Sad97, Sch08a, SW09b, SS10, TLS09, Uty08, WZ14, War92, XB14, ZT06, Zha07, ZHL03].

Fundamental

[Lyn92, AMV17, GJR03, KJJ12, LLHC17].

furnace [BGM+09].

Further [CH95b, NN13, AFBV09].

Future [Bie87, Son00].

Fuzzy [PCG01].

FVEG [LMW07].

G [BrTBV87].

Galerkin

[ADSS17, BRRS97, Cas06, DM09a, MS13, AB12, AW14, AD08, An16, Ant13, AFS11, AD18, ĀMS17, AV00, Bac14, Bac16, Bac17a, Bac17b, Bac17c, BBV13, Bec18, BVT14, BNV06, BTP96, Bus06, CGJ16, CK98, CCK08, Cuh95, DA16, DAIN, DN13, DB08, DMR18, DL16, EAS12, FD16, Fat10, Fra16, FJ95, Fre98, GH09, GT93a, GJ08, HLM09, HMP14, HJL18, HST14, JRT90, Kam16, KDT17, KNN03, KPY15, KSMM16, KWL00, KXR+04, KQ13a, KQ13b, Kwa09, LH11, LPT94, LHS00, LH02, Li11, LZ14, Li16, LHW17, LTO1, LS07b, LKY17, LNZ12, LMZ07, MQ017, Mai06, MWY18, Mus11, Por17, PCRR17,
Galerkin-characteristic [EAS12].
Galerkin-finite [DL16].
Galerkin-multigrid [CK98].
Galerkin-spectral [LT01].
GAM [FVGS13].
gap [BG06].
Gargantini [CP94].
gas [EWW99, Gla94, LK07, MRS03, Pow94, Tad86].
gases [CCP04, CS01].
gauge [Cau08].
Gauss [KK09b, SLW17, BLS17, CG13, DBBH14, ELR15, GP93, GY94, yGpY09, Has08, Has09, KS09c, Kza99, Lab99, MSP10, The17, VV05, Wel10a, Wel10b, CKB12].
Gaussian [AT13, Boy15, CBHY11, GY94, Ioa89, Kza92, SdSC99].
Gaussian-localized [Boy15].
Gautschi [KR15].
GB [RMS17].
GB-splines [RMS17].
GCD [CKM10].
GCV [Baz03].
GDE [DS07a].
GDN [ZZL01].
GDN-stability [ZZL01].
Gegenbauer [By01, DSM11, Elg17, Has08].
General [BBO03, BB98, But85, CJM88, LHHR94, Zla85a, AH11, AR93, AA87, BCE04, BCJW17, BCSSH16, Buc17, Bur91, BC95, B96, BS00b, BW03, BP06b, BD17, C1J17, CY98, CM12, CST18, CMCGTR02, Dav98, DS07a, EG88, FW07, Fdi97b, FS05, Gan96, GM16, GP17, HH10a, HZ02, HXC03, Leo10b, Li05, MAH18, Mur98, S90, Sch12, Wa100b, XFLC00, YH00, Zha00, ZTO6].
Generalisations [RS80a].
generalisation [EC07].
generalization [BKR13, BHHS10, BC97b, CGA96].
Generalizations [Bre91, BKIP15].
Generalized
[De 88, GM87, GSW09, JL17a, LFS15, Mil17, SZ17, SS16, TCCW89, TYKK01b, BNH01, Bis11, BDKM92, BF007, BRBM08, But09, Cao03, C1J13, Che96, CCLT10, CEW00, DMH18, DSK12, DDBH14, DSM11, FH04, yGy207, GR02, Har93, IM98, JP93, KDAK13, KTS03, LHH96, Li12, LO03, Liu02, Luo18, MDRR11, MCS16, MS13, NR14, PV93, PCA10, Pou00, RSY12, SW95d, Sch99, SLW17, SZ12, TW00, jWyG08, WL16, Wan17a, Wu09, ZGL98, BWEP95, TD09].
generate [CEW00].
Generated
[DD85, CGCMTR02, FKA13, GRGJ02, GPP04, War92, YXB95].
genenerating [CHR03, Ver93].
Generation
[Bak86, Eis86, QM03, Ari03, AD04, BBV13, Bak89, BSFDM02, BS00a, Boh03, CM02, CM04, DH94, EM05a, EM05b, MI03, MC10, PR12, SFJ10, SYG10, Son00, Spi99, Spi00, YC00].
generator [WE99].
generators [GP903].
genetic [Eir99].
genus [LWCT07].
geodesic [ZML12].
Geological [SR88b].
Geometric [CR04, Fra94b, GQ02, MD00, MMP02b].
Geometrically [BCM04].
Geometrical [LA12, SS99].
Geometries
[Fun94, Kar89, Kwa09, She00].
Geometry
[SYG10, FdSB02, GRGJ02, MD00, MMP02b].
Geophysical [Per88, NC16].
geostrophic [WZ13].
Germany
[vdHSW98].
Gersgorin [CP10].
GHDMP [TD09].
ghost [CFX08, LK07, CFXZ06].
Gibbs [Jun07].
Gilbert [BS06].
Ginzburg [LHW17].
given [CP07, Gw09, Jac88].
Global [FJ95, JMS99, LY01, LH02, PGP03, SW09a, SXP09, BRS15, Car94, CN11, EAV16, FSB97, HsR17, JEG10, LS10, LMS08, WKM04, WPK12, dv95a].
global-local [FSB97].
Globally
[HLMKZ06, AB07, BF95, Is02, KKN13, KKN17, NMKE13, SG04].
glow [FMSV07].
glow-plug [FMSV07].
glucose [MLK06].
glucose-insulin [MLK06].
GMRES [AB07, Cao97, DB97, Du11, GL93, JMS99, KYC03, Mei14, Mor05, Ton97, WZ16, dv95a, van95].
GMRES-like [van95].
goal [AS05].
goal-oriented [AS05].
Godunov
[KMR09, LE94, Mat05, SW86].
Godunov-inverse [Mat05].
Goldstein
Good [Zup03, EZ03, ZWH+17]. Gordon [Bac17c, CH89, HZ09, Lyn99, SLW17]. governed [LY03, XL11, YC+17]. GP [GPP04]. GPBiCG [AS13, Fuj02]. GPST [Che88, CZ90]. GPUs [CP17]. grad [BVV09, MV18]. grade [Wu09]. graded [BLM17a, DL06, Mai09, YZ17, Zar17]. gradient [BSGU94, BGH08, CHSS01, CR05, DW00, DWH88, DW15, EASH12, EGH01, GM08, GR02, HYS01, Kie15, KLS13, PF08, San03, SW04, Yu08, YLS+09, vdE04]. gradient-boundary [BGH08]. gradients [AGJM04, Ren13]. Gradual [FT06]. Grail [Bur93b]. granular [BBL02, TSFB01]. Graph [BT94, Gar03, GM17]. Graphics [CC99, Zar99]. Graphics/Cray [CB99]. graphs [BDFK95, DE06, Obe05]. gradients [NT16, Rat13]. gravitational [Lei02]. gravity [AD15, GD09, HD88, NC16]. greatest [BWY17]. greedy [EB18]. Green [Arc06, CA15, DL16]. Green-Naghdi [DL16]. Gregory [CL06]. Greville [Joh95]. Grid [Bai97, Eis86, Mf03, Pet87, Son00, AGM95, AM03, AD04, ACM91, BSFM02, BV94, Boh03, Bor97, BB10, CM02, CL10, CM04, CMS06, DH94, EM05a, EM05b, FD97, FL04, Fer96, FSB97, Fou00, GLV06, GKT10, HSY6, HY01, HGW16, IM00, Jun97, Kni94, Kni95, LKV01, LGH11, LYOI99, LE94, MMT90, MR94, MT05, NN13, OZ96, QL98, Qui96, Ram94, Shy86, Shy91a, Shy91b, Sp09, Sp10, Tow16, Tro93, TY00, VT03, Wag98, WSS97, YCO0, ZTZ15, ZC92]. grid-based [LYOI99]. grid-orientation [ACM91]. Grids [SM85, AG05a, ASCM02, ASC03, APJ09, Bac17c, BPK09, BM00, BEO04, BS94b, BS96a, BTVD10, CGCMTR02, Chu03, DF11, DT10, DGD03, DSSC13, EL94, FD16, FS88b, Fre04, GGLR09, HP97, HZ02, HS97, Imo00, JTB15, KAl96, KWLK00, KTS03, Koz94, KKE16, KQ13b, Lin01, MRF00, MS90, Mit97, MKS12, PPRG06, PC00, RGL16, Rus95, Ste05b, SN04, SG06, Tho85, Tol04, TJ12, VL08, Vic87b, VT91, Zhu09, ZMI+12, dAF01, dVA02, iV09]. gridsize [Hol01]. ground [Bec02]. groundwater [DMQ02]. group [BK17]. groups [LP00, MNA09, WGKS12, WC02]. growth [CL02a, CL02b, HZ96, JK17, LBLT13, RA17]. Guaranteed [ZCZ15]. guess [Boy07].
OMP98, OKS10, PM03, PB10, RS00, dVA02].

Helmholtz/Schrödinger [BOEP00].

hemodynamics [DZ12a, RDH +12].

Hermann [Bru97]. Hermite [Bar12, Boy15, CXNF14, CCS17b, CN15, CS17, Iva07, LHH94, LHH96, LH08, Luo18, MST07, NBNTGV11, ZL11a, ZL11b, ZHL08].

Hermitean [GGMP88, LVfP14, Nak12, Pet92].

Hessenberg [GS08, ZP98].

Hessian [MKH16]. Hessian-based [MKH16].

Heston [GGO13].

heterogeneity [Chn17].

heterogeneous [AK09, Ben17, CM09, DN13, IJ14, LP01, MPSS16, RN04, SS94b, WCW14, XZL07].

heterovalent [vHA98].

hexahedral [BS97a, Tob14, Ush18].

hidden [RR14].

Hierarchical [AB15, AD04, CM09, CZ90, FSB97, Haa97, Kwe00, NB94, Zou10, BLS94, CLT97, Che96, EH08, Gar96, GS92, KJ99, Ste97, Zou11, GMS12].

hierarchy [Che88].

Higdon [BG11a, Dea11].

High [AES15, AEMX17, Bla01, BCR01, BT95, Bru07, BB96, CXNF14, CM13, CP05b, CKS05, CRU15, CB99, DRC85, DS15, Elg17, EP15, Fou00, GMG04, GLPW09, Hag15, HEG16, KL07, MPTT17, SST12, SB14, SZE+92, Ver96a, BG11a, BMD03, CGA93, GLW14, GHF00, HOEC86, INR01, Jia12, KK09b, Lee94, LR18, NT16, Sam02, SDK15, Som93, STS00, Str98b, TX18, VV02, WK04, WC14].

High-performance [CB99].

High-resolution [CXNF14, Hag15, Pir09].

high-speed [MS91].

Higher [Aca12, Agu15, BM05, EES05, Gar96, Joh05, NK11, Vej10, WL09b, ZLX14, Arn93, BKR13, BNV06, BC05, BD11, CZ97, CJX11, ELCWS08, ECB07, FM11, GJO0, HvdHV10, HST14, KOS+12, LMWZ10, MS08a, Mat09, Nic86, RA03, SM93, SS13b, Tem15, Tob14, WB03, Coy12].

Higher-order [Agu15, Gar96, Vej10, WL09b, BKR13, MS08a, RA03, SM93, Tem15, WB03].

Highly [Ben96, Fac03, IRC12, IJ17b, JP17, LAH09, AK09, BBV13, CC04b, Che12a, DJ12, DYX09, Den93, Has13, Ise02, Li01a, LWWX10, Maj17a, RCGM98].

high-precision [Var92, vdHMdS99].

Historical [CCZZ18, historical [Bre96, BW96b]].

Hille [Lub92].

Hilliard [CCZZ18, HLT07, KK09a].

Hilliard-Cook [CCZZ18], historical [Bre96, BW96b], history [But96, TCCW89, ZC92].

HJM [Mar09].

HLL [Sch16a]. HLL-type [Sch16a]. Hodge [AM10b, BS14a]. Hohler [LS10]. Hole [FGPR12]. Holistic [Rob01]. Holm [AS06, CLP15, LRS06]. holomorphic [Dar90, LFP04]. holonomic [BGW18].

Holy [Bur93b]. homogeneous [AMV17, BP12b, MH14, PFHL09].

Homogenization [MS00, LP01, RCGM98, XYX18].

homotopies [BZ17b].

Homotopy [YCY12, SL08]. HOPs [NT16]. hopscotch [BrTVBV87, Duf90, HV89, TV87]. horizons [MVG14].

Horizontal
[CMP06, CML05, GRGJ02, QR03]. Hormann [CHS17]. HOTV [San18]. hp [ADGM08, BF15, BS14b, BH10, BD11, Bür13, Dol14, DMR18, DJ08, DH07, DM10, KPY15, KWLK00, KFOF02, KR10, MS05, Moo04, PZMX16]. hp-adaptive [BS14b, Bür13, Dol14]. hp-BEM [BF15]. hp-estimates [KPY15]. hp-refinement [Moo04]. hp-version [KFOF02]. HSS [BY09]. HSS-based [BY09]. Hull [GGO13]. hundred [Bru97]. Hybrid [AC98, CHLX07, KPR06, PH91, Rha99, AA87, AD04, BDMG12, Bai96, Bzc03, BCSh16, CXZ17, Dal00, De06, FHK05, Fu02, GF93, Hua09, Kal96, KD13, KWLK00, LY01, LH02, LK14, LS99b, NK05, Ou11, PH15, RA13, SA00, wSJP15, SV95, TY11, Tou97, VB07, WM08, ZLG15, ZGDL17]. hydraulics [HS98]. hydro [LY16]. hydrodynamic [BGM09, DSW96, JT02, JT06b]. hydrodynamics [CDD00, LL06, Qu96, RI02, SKR15]. hydrogen [CPD05]. hydrologic [RvdCVR02]. Hyperbolic [De88, AM09, AW14, BJ02, BF17, BW95, Ber04, Ber05, BTP06, BM12b, Bor16, BGP11, CRU15, Chi93, CL09, Dav92, DGRS09, FE03, FJS99, GG09, Gas92, GDS15, GJ17, GH00, HWC15, IT16, JY94, JNCP03, KPY15, Kop66, KRR15, KL12, KW10, MS08a, NB01, NFAE03, PGDB08, RZ00, Ric91, RMK09, Sea09, uV513, Sof17, Str98b, gTpM07, TJ12, TM15, V87b, WA00b, XF06]. hyperbolic-heat [RMK09]. hyperbolic-parabolic [FJ99]. Hyperbolicity [LY16]. hypercomplex [AMT17]. hypercube [CSS87, De93b, LS86]. hypergeometric [AR93, CJM88, DIR13]. hyperparameter [LV12]. hyperplane [KLSW10]. hyperplane-constrained [KLSW10]. hyperplanes [Mon09]. hypersingular [AFF15, BVB09, BVB10, BVBB18, Cai09, Mai09, Sid14]. hypersonic [KH91]. hyperspectral [Lo06]. hypoacusia [BF09]. hysteresis [LR01].

IA [AC96]. IBVP [Str98a]. ice [CDV00]. Iced [KTS03]. ICOSAHOM [Ano00a]. ideal [CFX06, GDS15, QM10, Tou10]. idealization [SW94]. identical [BASC17].

Identification [ABP95, BBPR05, CAD03, ND85, SW17, VSG17, AGKK94, BBV05, BCS05, BR94, Die15, HM17, HLJS16, HK09, JKL12, KK06, LDP14, MCM12, SM08]. identify [WZ13]. identifying [HP14, HM15]. identities [AR93]. identity [Bre91]. II [BDDV12, BDMGVO05, BH12b, D098, GHH09, GPHAM12, KQ13b, LH02, LFS15, Mar03, MSP10, Mur99a, Shy86, Shy91b, Tsa92]. IIA [GPHA16]. III [DG12, VC10]. ill [CRS05, E88, KL15, LRH14, SA94, XX17]. ill-posed [CRS05, E88, KL15, LRH14, SA94, XX17]. ILU [Zha00]. IMACS [CFTW08, MH99]. Image [MMM17, BCM04, BS10, CP06, CF13a, CH87, DE16, KM95, KL14, QM03, SC08, SMA01, SL17, WYP12, ZC91]. image-based [QM03]. images [GOGF03, TSB10]. imaging [CG03, HLR18, KNP16, KRBK16, L006, Par14]. imbedded [CST97]. IMEX [CCS17a, JM17, LT12, ST14a, SKW17].


Implementation [AH15, CO09, GT93a, J02, LPT94, Pot85, Ale03, BD85, BF15, BS92, BS08, BMT93, BT98, BM02, BM15, BWE95, CLMS08, CCP17, CK06, Coy12, DVV93, FV99, GV18, GPP03, HS96, H08, LT07, MP97, OMP08, PGS10, PRST02, PWS06, SW94, Uy08, WMF17, Zha01].

implementational [GKT10].
implementations [DL06, PV93]. Implementing [HP91, Ney95]. Implicit [AS04, ARS97, CR05, DGM18, FV01, GM16, Gje07, GHF00, HIJ03, KS51, Kan93, Kan95, KW98, OK98, Pal66, SWE05, TB01, WBCK02, ABH14, AHT17, ACM08, ACM91, BT97a, BC08a, Bos99, BSvdV99, BJ11, Bou02, BN03, Bru93, BM02, BM06b, BJ06, But93, BJ96, BC97b, BJ98, BC00b, BW03, BSW93, CdFN01, CG05, CS04, Cha96, CL09, CD12, CCGM17, DR09a, DK11, DI15, ELCWS98, ER07, FD16, FE93, FS08, FH97, FMU15, FL01b, GX11, GLPW09, GPMR95, GPPMPR03, GPHA06, Gug05, Guo01, HH10a, IM02, IJ17b, JKVZ95, JR00, JK12, KKT16, KMG09, Kni94, Kn95, KK00, KS09c, Lab98, Lay08, LL15, LX08, LMA18, Min04, Pan07, Phi87, PWS06, RZ00, San02, SH90, SMEN04, Sch98, SZ97, Sp95, Sha94, TYJ11]. Implicit-Explicit [DGM18, GM16, Bos09, IJ17b, KKT16, VBH96]. implicit/outflow [MOU14]. Implicit [Bru92, Att97, HC01, Jia02, KBG04]. importance [SA05], imposed [HJ09]. Imposing [ZW87], imposition [jWqW09, hYqW12]. Improved [CX08, FPRA09, Pot85, Ver06, AC15, BZ17a, BRBM08, CL07, GL93, LWXX10, MZZ17]. improvement [CP94, CZ90, Kor95, dFN00]. Improvements [MS86, Gil90]. Improving [Bal00, Dea11, Gen10, KS10, KP03b, Sal89, MM14], impulse [CCS02], impulses [LFL14]. IMPULSIVE [BK95, HW04, LSL11, LZL14]. inflation [TOCV02], incidence [WN12]. including [BBS11, BHHF09, CA09b]. inclusion [CP94, PH91], inclusions [Par14]. incoherent [CCP04]. Incomplete [Guo96, ZNK02, de95a, BD85, BCSH16, Doi91, EVO06, Gu01, Not99, Phi91, RV05b, ST09b, SS10]. incomplete-data [RV05b]. incompressible [BR05, BC01, BC04b, BBL02, BL08, Ca15, CH07, CHX13, CSXL14, DN13, FD16, GM08, GH16, G010, Guo15, HSS04, HH10b, HST14, KMMM16, KLY05, KDK17, LR00, Min04, Mou03, QAXM17, RK91, SQ17, She96, TH18, TLV92, VG04, Zan91, ZOZ09, Zha14]. increases [RAS99], Increasing [DDNZ18, GMFG02, Wal90]. Incremental [CT93, Gar03, GGM07, Gar96, MM02c, P000, PB10, SW13, Che96]. indefinite [CK98, FL05, LMV17, LW18, SS99, Sha98]. independent [CH95b]. Index [An00b, An00c, An00d, An00e, An01a, An01b, An01c, An01d, An02a, An02b, An02c, An02d, An02f, An03a, An03b, An03c, An03d, An04c, An04a, An04b, An04i, An05a, An05b, An16, An92, AFS00, An93, AC96, CZ97, CC96, EBC07, HGP11, HMT03a, HMT03b, Jay95, KKR15, Mur99b, Ost93, RA05, SW13, Che96]. Index-1 [AC96, CC96, HGP11, Mur99b]. Index-2 [AFS00, HMT03b]. index-3 [Wen98]. indexing [MMBB07, TS08]. indicator [KMS10], indicators [GMS12]. indices [LS98, LD02]. Induced [BC02, DDZK05, KCJ01, SSvG10, WT01, XLK07, YT03]. induction [BG0+09]. industrial [BKP14, LDP14]. iNEOS [GGNP02]. Inequalities [DR01, AK95, BN06, BHR05, DSM11, LLY11, MMP09, WH13, ZH14]. inequality [CXZ14, DHS05, Gwi09, MG00]. inequivalent [KS10]. Inertia [For02, AC18]. Inertia-controlling [For02]. Inexact-Newton [WZ16]. inf [Che16]. inf-sup [Che16], infinite [AD08, DT15, Dés08, EC07, Has13, KKP17, LRT99, jW00, jW15, Zhe07, ZR15]. infinity [By01]. Inflow [MOU14].
Inflow-implicit [MOU14].
Inflow-implicit/outflow-explicit [MOU14]. Influence [Win92, AQ00, BP95, SS02]. Information [KNP16, SA05]. infrared [SS16]. Ingersoll [AHT17, WMC09]. inhibition [GS15a].
Influence [Win92, AQ00, BP95, SS02]. information [KNP16, SA05]. infrared [SS16]. Ingersoll [AHT17, WMC09]. inhibition [GS15a].
Inhomogeneous [Gus88, CGN03, DE06, EVO06, Kur98, OS12, QL16, JW15]. Initial [Bi16, De 88, TOCV02, AB15, AMP03, AMCR17, AT93, Bac17a, Bac17b, BY00, Bur93a, BT00, BC89c, Cah89, CL85, Ehr08, EHM01, FW08, FD97, Fer93, GGM95, GH02, yGPY09, Hig93a, JR02, JCSR03, KHM14, KKW00, KW93, LS07a, LT93, LOM98, MS03, MS90, Nap16, RCGM98, SAG86, SWE05, XL16, ZJH18]. initial-boundary [GH02, LOM98, MS90].
Initial-Value [De 88, Bac17a, Bac17b]. initial/boundary [Fer93]. initial/boundary [HdSR17]. Inner [GCHR06]. input [Har10].
initial-boundary [GCHR06]. input [Har10]. initial/boundary [Fer93]. initialization [GdSR17]. Inner [GCHR06]. input [Har10].
initial-boundary [GCHR06]. input [Har10]. initial/boundary [Fer93]. initialization [HdSR17]. Inner [GCHR06]. input [Har10].
instabilities [Cul95]. Instability [CV88, DG96, Lya99, WT17]. instance [KSP10]. Instantaneous [CH99]. insulin [MKL06]. integer [KS91]. Integral [BBLT15, CP09, PG86, AL95, ADR17, AM10a, AAD14, AD18, AFF15, BC02, BES18, BLM17a, BV18, BVRB14, BRBB18, BGW18, Br97, BMM97b, Cah92, Cah92, CHLX07, CCP17, CD17, CL14, CHH15, C09, Cih12, Chr01, CP17, Cum95, DD97, D09, Der92, DS12, EH09, FS15, FMS18, Fer09, FL15, FV87, Fun04, GKA17, GG96, HB02, HGP11, Han93, HP14, Heu00, HA16, HK85, HX11, Hu99, HLL99, IV16, IRC12, Kan89, KK91, KO08, Kyl85, KPR12b, KR18, LRS09, Lau17b, Li11, LD97, LN27, LRE04, Mai09, Male, MAN17, MAN96, MAN97, MV17, Mie89, MD10, NGO15, NT16, PR89, PA18, Rab04, RMB92, CST12, SV00, SVB17, S31, SL85, TMD92, Tau09, TLSS09, WN12, WQ17, WWLS08, XL09a, dAF17, de 93a, CLR11, CD12]. integral-differential [CHI12]. integrals [AA05, BCU00, BV89, CPD+05, CHE12a, CEW00, Eva94, EW97, EC07, Fat10, Fat12, HAR00, Has09, HAS13, Ioa89, Jad94, KM17, LS16, LWWX10, Maj17a, Mot17, PCA10, SL01a, Sau00, Sid14, ZPT12]. integrands [KCI03, TV05]. Integrated [FM95, CM2, SK91]. integrating [AMCR17, FMMK01]. Integration [TM04, ABH14, ALMM01, AD08, ALM04, AD01a, AAD14, AM16b, BCF+13, BTB87, BRB08, BKKS07, BF95, BT93, BJ98, CMP15, CH95a, CGP15, CL85, CBD16, CR04, DH09, Den93, FS15, FW07, Fra04a, Fra04b, GMG04, GPAH16, GVKL96, GML00, GMGF02, GKA17, GQ08, HS02, Ha97, HO89, HM8V93, Hig96, HMT03a, HMT03b, HLR01, JV95, JR00, KGR08, KNT13, Leo10a, LD10, Log04, LGM02, DWM16, DE18, MF99, MC17, MQ63, SS97, SA12a, Sim93, Ske99, Sol15, SvdHK94, SCT05, TMD92, TGB08, VV07, WK02, Xiu08, tV87].
integrator [BCGI13, ELLE02, Le02, Lub04, SS94a, TN16, WE99]. integrators [Ale03, BF99, BDF89, Bla01, BM60a, BP12b, CO09, CLMSS98, CZ97, CY98, EK06, Lau17, MQ00, MPG+16, Mur99a, Mur99b, PWS98, SZ97, WW13, YC13, ZO16].
integerity [JP08a]. integro [AB88, ABF90, ADH00, AV00, BF92a, BT97a, BMGG12, BGG13, BHO12, BP92, BM97a, CZZ, CP03b, DLPV17, EH97, FID18, GAN96, GS99a, HM87, HZBM05, JRM06, KPY15, KAN95, MAH18, MOK17, PT11, PTV16, Pot97, R01B, S08a, SD13b, tSQWY16, SCvdH92, Tan93, TX18, WC14, Z09, VS97].
integro-differential [AB88, ABF90, ADH00, AV00, BT97a, BMGG12, BGG13, BHO12, BP92, BM97a, CZZ, CP03b, DLPV17, EH97, FID18, GAN96, HM87, HZBM05, JRM06, KPY15, KAN95, MAH18, MOK17, PT11, PTV16, Pot97, R01B, S08a, SD13b, tSQWY16, SCvdH92, Tan93, TX18, WC14, VS97].
integrodifferential [Kan93, VSG17, Wan01].
integrodifferential-algebraic [Kau93].
inter [Rob10]. inter-element [Rob10].
Interacting [SR88b, MT05]. interaction [BSP04, EZ03, GMM09, GS18, RDH+12, Sal93, Sod91, Tow16, XLK07, vBvdZdB08].
interactions [CBD16, Nes16]. interactive [GGNP02].
interconnecting [Pec09]. interdomain [Dor91].
interest [KGR08, Mar09]. Interface [PGM86, RTV00, ABG†15, CES91, Chn17, Dav92, Dek17, GMS12, HLZ14, HSY18, JV09, KV07, Li98, LMWZ10, LAH09, MAG13, NMB10, PAP17, PH15, RTV02, SSV89, Sch16b, SJ11, SD09, WCSQ18, ZCC11].
interfaces [AEMX17, FL04, FMW05, FM07, FMU15, KS07]. interfacial [EAS12, ZQLK11]. Intergrid [Osw97, Kan04].
interior [LO95, AD99, BSGU94, Bec18, BH97, Car09b, EB12, HC01, Ius97, Jia02, LHHR94, MOSW00, OQ15, QL15, XZZL15, YZ17, ZL18, Zha07].
International [CFTW08, LST07, MHS9, FJ97].
interpolant [Ber86]. interpolants [BES18, BFK11, BS92, CHS17, LMS09, MST07, SST12, SST09, SST15].
interpolating [CJV88, DF92, KP03a, KPR12a, SWCH15, WT93]. Interpolation [AM16a, BG06, Des08, Moo04, Spe12, AA04, AG05a, AMR12, AN15, BGMG12, Bar12, BRIP08, BG06, BH12a, BS00a, BCJ97, BS09, BB10, BO11, BG1c, Bre02a, BMM97a, CDD00, CDD†17, CGGM17, DMPPP99, DOL14, DR93, FM11, Fra14, GGR97, GJ17, HB02, Iva07, Kid90b, KP01, LY10, PD96, Pla08, PB10, RL86, Rhus95, SE93, SL17, VBD93, VZ93, WW05, ZL11a, ZY14, ZL18, ZHL08, Zup04, de 92a, Boy15, OR18].
interpolations [CZS04]. interpolatory [DCBP10, Fid17, GS05, BDMGVO05].
interpretation [Bot97]. Interval [Sch87, Ben02, Boy15, DBCBPP10, DMIH18, GPP04, KKP17, LZ13, Mar99a, MT94, Sch89, TD09, BO11]. intervals [BDMGVO05, Tar98]. intracellular [NRWF08]. Introducing [RA17].
Introduction [BKM05, CFS94, Had13, LP93, Sal91, But97, Wen10a]. intrusion [AMRR18, MNR14]. invariance [BLP01].
Invariant [HL99, AB10b, BHJ06, BC97a, DB95, ERS00, GSR00, Moo95a, Tru00]. invariants [HXW15, Rei99]. inversion [MPSS16]. Inverse [FOMC05, IT16, Per88, Tah96, YD07, BT99, BLY16, BG02b, CR05, CD18, CPOGO17, FBS09, Hab08, HILK13, Huc99, JM94, KJL12, KNP16, KKN†17, KCW16, KRKBK16, KK02, LYY15, MG00, MN03, Mat05, MCM12, QC12, QL15, ST09a, ST09b, SL11, pSLqJe16, TL07, TK05, WZ02, WL09c, WL16, WW14, XCV86, Zha00].
involved [Kos02]. involution [Cho88, CZ90, DSK12, LF04, Moo95c, Per99, VA05, vI87].
inverted [KKN†17]. Invertible [CRS05]. investigation [Chr01, EZ03, Liu97, Pot97]. inviscid [Mou03, Tow16]. Invited [Ano05f, Ano02e].
involution [Sei02]. involving [CFRA08, CF13c, MV18]. ion [PS00]. IPDG [BS14b]. IPDG-FEM [BS14b]. iPSC [BRS91, de 93a].
iPSC/2 [BRS91]. iron [BMP05]. irregular [APJ09, BW95, DT10, DP90, E94, EW97, DLM16, PM14, Vie87b]. irregularly [Sau00]. ISLIM [Lo06]. isogeometric [GV18, ADSS17]. isolines [BS00a]. isometric [Chu03, Gar05]. Isoparametric [JT06a, LL02]. isospectral [CIZ96, LP97].
Isothermal [DdCVR03]. Issue [BGHR12, BGH+15, CHM09, FFMZ13, ADG+16, CD95, DGCW17, HKNV16, KP07, LST07, SS97]. issues [BF09, LMV17, Sid10]. Itô [DR09a, DR09b].
Italy [RI02]. iterate [ST09a]. Iterated [LNZ12, Bic16, BCC16, BDFV95, Buc17].
CM07, CX08, DVV93, MZK05. iterates [Bog12]. iteration [BY09, BLY16, CKB13, ELvdHS98, Gi88, GRLL01, Gug05, HL02b, Jia00, Mat05, ST09a, ST09b, SW95b, Sp95, WPL16, Zha01, vS93, vdSvdH95, Ney95].

iterations [BSvdV99, BBLT15, DB95, DSS15, EH09, JK99, Lab99, Phi87].

Iterative [Bea04, CFTW08, GPMR95, JGK11, MP05, Mar03, SF16a, SL01b, TS010, dH95, AC98, AG12, AHR12, AG05b, Bog16, BRBB18, Cao08a, Cao98b, Cao01, CH06a, DE16, DP90, Eij95, FIL05, FLMR14, GH91, GK09, GT02, HvvdH10, HW97, IT07, JD09, Kim94, Kim05, KF97, Kin94, KYC03, KSSS16, Kru09, KCB02, KY117, LPT16, LZ13, LWd+09, LR00, MA09, MRV93, Mar99a, Nak05, NH15, OMP98, Pea16, PM03, PT95, RV05b, RSK14, SW95a, ST11, SH02, SH10, SVB17, SW03, TK05, VMP03, Wan96, Wan07b, WL09b, WWS07, WYP12, XQ17, YG95, YR92, YXB95, YH07, ZC91, vSK97].

iteratively [HSY18]. IVPs [BP12b, CM07, CX08, SS09, GM95, Jac96, JN02].

J [BrTBV87]. Jacobi [BGS06, FLS94, For11, RF16, AM16a, BP02, BL06, CG13, CNF14, CSF13, CY05, DMR10, DB08, DBBH14, Gen10, yGwWS05, GHS08, HG09, HGP11, LHS00, MCS16, Mok17, SM13, S03, Thc17, hyqW12, YXZ18].

Jacobi-spherical [GH07].

Jacobi-weighted [AM16a]. Jacobian [CZ97, GHW01, KC16, SY05, WGB99].

Jacobians [KCP01, Jams08a].

January [BGHR12]. jet [AHS03, KHA12].

joint [DNW18]. joints [MMP02b]. Jordan [GY94]. jump [AG05a, BAD13, CF08, HFL13, JD09, KKT16, KSS07, ST11, ST14a].

jump-diffusion [BAD13, KKT16, ST11, ST14a]. jumping [MII13]. jumps [AO05, KK11, LL15, MDD14, Moo04, RP17, WG10].

Kaas [AB17]. Kacanov [GMZ11, HJS97]. Kahan [SS94a]. Kalman [KK17, TZ00].


Kernel [FRV11, BLM17a, BZ94b, CDD00, CDD+17, Che12a, Has13, KKKK22, LD97, MP15, Sch08a, SKR+16, TMD92, Tan93, TY03, VSS17]. kernel-based [CDD+17, Sch08a]. kernels [CHLX07, CL14, KR18, LNZ12, MA17, PT11]. kind [BHR05, Bru97, CHH15, CS09, Fer09, Gwi09, HLL09, Man89, XK11, LNZ12, Mau79, Mie89, SV00, WHI3, XL09a, Xu16].

kinetic [Ale11, FJP17, KW95, RA03, VK17]. kinetics [DS02, PM05]. Kirchhoff [Wei18].

Klein [CH89, HZ09, Lyn99]. Kolgan [VCC12]. Kolgan-type [VCC12].

Kolmogorov [BF007]. Koren [Hol01].

Korteweg [AM04, BDKM92, BR97, FWL18, Isk89].

Krein [KK+13]. Kreiss [AK95]. Krylov [HH10b, Bai02, BBLT15, CM97, EAV16, Fae03, LS99a, MS99a, MN08, FR12, PWS98, RSY12, SW98, Sim10, SX14, SS12, Wal95, WSP97, Wei95, Wen05, ZGL98].


Kutta [AMCM08, BD99, BC08a, BC101, But97, CH95b, CG13, CPR93, DM11b, GMY04, GMM04, GMM04, Hoa15, Lab98, LW17, LNZ5, Mr98, Pat98, Pat00, Som93, VDV98, VV02, vSC92, AH11, AM95a, AB17, Alb96, AMP03, AH17, AR97, AFK92, BMQW16, BDGP96, BTK97a, BJ05, BZ93, BV96, Bem97, Ben96, BG02a, BS92, Bos09, Bot97, BJ11, Bru93, BJ03, BB96, BB98, But96, BS96b, BW96b, BC97b, BTK97d, BC00b, BS03, CMR94, CH95b, CI96, CdF01, CG05, CCG13, CV95, Cas96, Cha96, CCM02, CCS17a, CS03, Coo89, CST97, CN11, DIJ12, De 88, DVM93, DS05, DR09a, DR09b, Dia95, Du90, Eir95, EH97, FS05,
FS08, Fra04a, GCHR06, Gar10, GJ00, GPMR95, GPPR03, GPHAM12, HZ96, Hig96, Hig97, HR06, HS09a, HO05]. Kutta [HXW15, Hor98, Hor96, IR02, J17a, Jac93, JZ96, JKN94, Jay95, Kan93, KCL05, KC03, KMG09, KS08, KW98, Kom07, KM18, KS99, KS09c, KKR15, KNO96, LX08, LP97, LF06, MK99, Ore93, Ost93, OT02, Pan07, PCR17, PJB04, PTA12, PCT01, QCJ92, QC92, QC93, vdSvdH95, vB95].

Kutta-like [PCR17, WX06].

L-curve [CGG02]. L-BFGS [CD18]. L-curve [CGG02]. lacunary [Mat91].

lag [KV95, SS09]. lagged [MG18]. Lagoon [RI02, BDES12].

Lagrange [OR18, ABG +15, BGG04, BNV06, BCGI13, CN17, KCC04, PL05, LPR00a, Luo18, PB08, Tan01, TJ12, XF06, Ye04].

Lagrange-collocation [CN17]. Lagrangian [AL05, BB15, BC08a, Bon02, CFX08, CF13a, FVG13, KCC04, LZ17, PPR00, RV06, Sea09, WL10]. Laguerre [AT15, BMR15, Fun90, yGyZ07, JCN94, Kza99, jWyG08].

Lambda [Leo10a]. Laminar [hYK86, AHS03, Kar98]. laminate [GP01]. laminated [FSB97].

Lanczos [BRRS15, BS93, EJS04, FN95, JP93, Khe91, KGB04, RG02, YR09].

Lanczos-type [BS93, RG02]. Landau [BS96, LHW17].

Landmark [LWCT07]. language [PSB91].

Laplace [BSGU94, BF15, Bie12, BD97, EV06, HvdHV10, KVyS15, Lai17a, LLLC17, LFP00, Moo95c, VA05, yB08].

Laplacian [AK00, CF18, FVG13, SN04].

Laplacians [Lyn92]. Large [Dat99a, Lyn99, ND85, PS03, WVBM88, van95, AB10b, AB07, Bai02, BC99, BLW07, BHN01, BHSW16, BT02, BJ11, Buc99, DW15, Ewi91, FTB97, FM17, GS17, Gen10, GT02, Hab08, HLT07, Hey10, Jac96, Jia00, Jia02, KS07, KW95, KM11, LCVG01, LP05, LS13, LW92b, LCJQ12, Mat86, NMSF94, Pe16, Per99, RS08b, SEG02, SM98, TYKK01b, Toc01, WSP97, YR92, ZNK02].

Large-Scale [WVBM88, Dat99a, AB10b, BHSW16, BT02, BJ11, DW15, Ewi91, FTB97, FM17, GT02, LCJQ12, SM98, Toc01]. Laslett [RMCG04]. latency [GR93], latent [TS08].

lattices [Kau93, Kau95, KCL00, KC03, KMG09].
MS08a, Mon09, Mou03, SWCH15, Yua93].
Lectures [Ano05f, Ano02e]. left [SY05]. leg [Hua00, WZL08, Wan17a, ZH09].
Legendre [AyLqW18, An16, yGpY09, MQO17, SLW17, SW07, gTpM07, jWyG08, jWqW09, WC14].
lemma [DLM05]. lemniscates [FH04].
length [SH91]. Lepp [Riv09, RRMJ12]. Lepp-bisection [Riv09, RRMJ12]. Level [KM11, CCS17b, DLP06, FM07, FMU15, GKL07, HL02b, HFL12, Hua17, Joh01, KL09, Kuz90, Nak05, PSB91, PH15, TL07, Tob14, ZOZ09, ZWL11].
level-dependent [CCS17b]. level-set [PH15]. level-set/moving-mesh [PH15].
Levin [LWWX10, PCA10]. Lévy [ZO14].
limitation [AV96, Eij95, SW95a, Tou97].
Lidstone [CD05].
Lifshitz [BS06]. lifting [MB08]. light [Boh03, Den07, GV04].
like [CJL13, Li01b, Man97, Mur15, Par14, PCR17, SLJ11, SW13, TY98, WT17, WX06, ZZW97, JKN94, van95]. Limit [Gil88, Jac88, Lem88]. limited [SM13]. limiter [DSZ15b, DSZ15a]. limiters [MS08a, ZQL11]. Limiting [BM04c, KXR+04, Sim94a].
Lindsay [CA15]. Line [BG1W18, HP15, Rei85, AHO16, SXP09, WZ16, jWjJ17, ZH15, ZP12].
Linear [HV98, KKV99, MS91, TZA13, AC98, AH11, AS13, AW14, AK00, All96, AMC02, AMP03, AMCM08, AMCR17, AT13, Ara99, AR15, Arn98, AES13, AGKK94, AC16, BF01, BBG14, BF17, BK06, BM04c, BM06a, BP12b, BRBB18, BCJW17, BS93, BM09, Bru92, BCISH16, Buc04, BS12, BH97, BJ06, BRW17, BWE95, But85, BC95, BJ96, BS00b, BW03, BP06b, BD17, CJ17, CRS05, Cao99b, Car099b, CL85, CDI91, CHX13, CG16, Cve02, DB97, DS05, DN13, DJM09, Eij95, EJS04, EG88, Fac03, FHK05, DSV13, FH08, FMMN94, FG09, FHV97, GMZ11, GHK16, Gas92, GD09, GMM07, GS09, GHT05, Guo96, Han87, HVY91, HH10a, HP91, HA16, Hua98, HCX03, HGW05, HT94, IO18, IJ17a, KPY15, KZ13, KP03b, KCB02, KLW06, Lem02, Lev91a]. linear [Li05, LSK12, LY17, LC99, LS99b, LW92b, LLL12, LY17, LMG02, LD02, LRT99, MAH18, MOS12, ML16, Mar08, MF99, MP98, Mär95, MS90, MST09, MH04, MVG14, MRH14, Mot17, Nap16, NRZ12, ONL98, OKS10, OTK04, PAG93, PGS10, Pic05, Pio97, PJP04, Por17, QL16, RA05, RC18, Run87, SS99, Sch12, SH02, SEGV02, SWW16, Sid90, SS13a, SvdHN86, SW03, SSX14, Sp95, Spi93, SS09, Su94, TDP17, VMP03, WL09c, WWS07, XFLC00, YG95, YR92, ZNK02, Zha07, ZP97, ZC99, Zla85a, dH95, in02]. linearised [OQ15]. linearization [Aro96, BCS17, HGW16]. linearizations [Mär95]. Linearized [CXZ14, BG11b, BP85, DG10, DJ10, FDL18, HN03, KM16].
Linearly [Bru93, CdFN01, CG05].
ELCWS98, JKW12, PWS06, BJ06, BSH93, EM05b, GLP09, SM0N04, WSW96].
Linearly-implicit [Bru93, PWS06, BSH93, SM0N04, WSW96].
Lines [FG96, BL15, BDF89, BW96a, BCJ97, HT94, Tah96, TT03]. link [MS08a].
LINSOL [HSW99, HS02, SH02]. Liouville [AGM09, Con99, Ghe97, Pru00, SL15, VVD95].
Lipschitz [LS10, Mat86, RA09, ZM17]. Lipschitzian [WZ14]. liquid [BS04]. liquid-structure [BS04]. Lissajous [BDV17]. List [Ano02e]. Load [dDF+94, Chr96, DBH+95, FL0+97, RN04]. load-balancing [Chr96]. loading [CS09, Che12b, Fai00]. Lobatto [BGVHN10, KK09b, SLW17, Wel10a]. Local [BE99, DM09a, Eis86, KL09, LS07b, Mat09, MS13, PC00, RS09, Sim94a, uV13, Tro93, ACMR06, AMR14, Ang06, ABM17, AF89, AD18, Bac17c, BAVS9, BBRB9, BMV06, Bus06, DHH97, DF11, DJL04, FS89, Fre91, GP98, HH98, Han06, HD04, HL08,
matrix-dependent [GGR97].  Matrix-free [SW95b].  Maximal [AH11, AA94, Khe91, Mil17].  Maximization [KSP10].  Maximized [LS05].  Maximum [Hor99, Kra92, FP02, FHK05, SG16, Vej10].  Maximum-norm [FP02].  Maximum-principle-satisfying [SG16].  Maxwell [AG05b, AM10b, BC12, BG03, BFH09, Bur12, Bur13, CXZ09, DCC14, FJP17, HZ12, KCW16, Ngu15, Nke07, Pet00, RR14, RA09, SYS18, YH00, YT00].  May [CFTW08, Mul99, FJ97].  McCracken [Pot85].  Mean [Abu04, MDD14, WC11, BS12, TZA13, YCY12, dVA02].  Mean-square [MDD14, WC11, BS12, TZA13].  Means [EH08, MS02, VV07, Wen10b].  Measure [Has08, LW04, XL09b, Zha07, ZWK15].  Measured [HM15, KK17, QL16].  Measures [dACR10].  Measuring [Sha85a].  Mechanical [CHH15, HLL09, Arn95, Arn98, BH93, FPS15].  Mechanics [Car09a].  Media [AK09, AKT97, BM04a, BM04b, BBL02, CCK03, CML05, CD13, DE06, DN13, EH07a, ESS15, EWW99, FBS09, FJ09, GRJ03, HJ09, HCW16, IT07, KMR09, MK14, MCM12, SS94b, SY08, TSFB01, WCW14, XZL07, ZYSZ14].  Medical [TSB10].  Medium [AD15, Cho13, KT05, KKN+17, Mur15, QL16, SR88a, ZQLK11].  Mehrotra [Car09b, LLL12].  Mehrotra-type [Car09b, LLL12].  Meiko [HP91].  Mellin [Lau17b].  Membrane [Boz11].  Membranes [CGJ16].  Memory [CFRA08, FVB05, Fre91, JP93, LW92b, LCJQ12, MRV93, VSG17, WM08, Win92, dv95a].  Menten [Wan09].  Menten-type [Wan09].  Merging [Ber15].  Meromorphic [Jac88, DMGVO05].  Mesh [BBV13, Bak86, BS96a, FL93, AL98, AGJM04, AKL08, AF89, BMGM12, BHJ05, Bak89, BKM13, BM01, BL17a, BFA93, BS97a, Bre02a, BT97b, BC97a, CST18, CJLS98, CLGD06, DF11, DEPS15, DMR18, DF92, FsSB02, FMP04, FR01, HW97, HWCF15, HR97, JP08b, JM94, LBLT13, Len00, LH09, LTL07, LS99b, Man96, MCE+09, NS03, NRR06, PD06, PH15, QM03, Ren14, SFJ+05, SYG+05, Sim94b, SS08b, Wan17a, Zar17].  Mesh-dependent [LLT07].  Mesh-moving [BFA93].  Meshes [BSGU94, Bres18, BW95, BS05, BBR897, Bo06, BP97, CHR03, CS08, DSZ15b, DL06, FHK05, FV05, FM94, FL01a, FM11, GHH09, HMP14, KFOF02, Li01a, Mai09, Mat09, MST09, MKH16, NFAE03, PSP04a, Pic05, QM03, SE93, SY08, Tob14, Tur86, WG11, WZ17, YZ17].  Meshfree [GM17].  Meshing [USHT03].  Meshless [Li11, MS13, AAD14, AD18, BHJ13, KDT17, MD10, RP17, SD13a, Scho8a, SR09, SG17, ZT06, DM09a].  Meshless-type [SR09].  Message [BC99].  Meta [KS10].  Meta-programming [KS10].  Metaheuristics [BdFPSdSC08].  Method [BL15, BO87, DT15, De 88, FG96, HT94, Pet87, Ta’86, TMS87, TT03, AS11, AH09, AS13, ALMM01, AY15, ARG00, AMR18, AGM09, AP16, AC15, AHT17, ABK12, AM13, AA94, AK00, AT15, AM17, AHR12, AMR14, AB01b, AT93, AB07, AL17, Ang06, AR18, ASC06, AB14, AM17, AM16a, AM17, AM03, AF89, AC16, AAD14, AD18, Aug89, ABG+15, AEF+14, AM17, AV00, Bac14, Bac16, Baktb, Bac17b, BBV13, BDL17, BP14, Balo01, BLW07, BF01, BS17, BAD13, BLY17, BVT14, BO04, BHSW16, BGGG13, BC08a, BM04a, BDF89, BF92b, BW96a, BCJ97, BTP96, BL17a, BZ17a, BC08b,
BGH08, BC01, BC04b, BBR97, BBD08, 
Bus06, BS96b, BC00b, CGT13, CFX08].

**method**

[Cai15, Cao98a, CHZZ06, CXZ14, CHZ14, 
CP94, CGG02, CM02, Cas06, Cau08, CS94, 
CΔ17, CM97, CMP03, CKB13, CS01, CX01, 
CC04b, CZY08, CXX09, CHX13, CSXL14, 
Che16, CX17, CC08, CS08, CCK08, CH13, 
CK10, CEW00, CL09, CK13, CJLS98, 
CY05, dCCSR03, CG16, CNS00, CMS04, 
Coy12, CSCM96, Cum95, CH90, DM12, 
DB97, DW00, Dav92, De 93b, DG10, DM09a, 
DA16, DA18, DJ10, DNNZ18, DYX09, 
DM09b, Den15, Den93, DLP06, DN13, DS97a, 
DS97b, DNH03, DNH08, DDBH14, 
Dol14, DL16, DP85, DP90, yDqGaJT09, 
DH15, EJS04, Elg17, EK95, EL97, EW97, 
EH07b, FID18, Fan11, FWO8, FWL18, FL05, 
FFY08, FV85, Fdi96, Fel06, Fer09, FdSB02, 
FSB97, FG13, FPPS00, FV99, FR01, FM07, 
FMU15, FLL11, GS15a, GLS09, GM10].

**method**

[Gas92, GK09, Gen10, Gla93, 
Gol86, GRLL01, GDS +15, Gon06, GS09, 
GLM09, GKT10, GKA17, GGS16, GJR03, GV08, 
GH07, yGyZ07, yGpY09, Guo15, GLMY17, 
GJ17, GL93, Gwi09, Han93, HJS97, HZ09, HLZ14, 
HLM09, HM04, HS08, HL08, 
HSS07, HS17, Heu00, HJL18, HA16, 
HWC15, HR96, HC01, HLC01, HZ12, 
HFL12, HP15, HCW16, HS90b, HSY18, Ius97, 
Jad94, JJ94, JRT09, Jec09, JK14, Jia02, 
JL17, JLH13, JMO6, JT06a, JD09, KKT16, 
Kai06, Kam16, KDT17, KV07, Kan89, 
KKX92, KN03, Kan04, KJL12, KK+13, 
KV95, Kat89, KO92, KSMM16, KS02, 
KK09a, Kim12, KYC03, KWL00, KK00, 
KKN+17, Kop86, KJ99, KPR12b, KP03b, 
KS90b, KLS13, KQ13a, KQ13b, KR18].

**method**

[KLSW10, KAS17, KX03, Kwe01, 
Kwe03, LH11, LH96, LWT07, LHC09, 
LW93, LCHR03, Lau17b, Lau17a, Lee94, 
LL15, Leo10a, LHS00, LWD+09, Li98, 
LF00, Li60b, LY08, Li60, LH09, LY09, 
LWXX10, LK14, Li16, LYF17, LHW17, 
LLHC17, LR18, LD97, LR01, LX09, Lin10, 
LT01, LK07, LN08, Lin09, LHO13, LKY17, 
LMG02, LAH09, LFX15, LOM98, Luc95, 
Luo18, LBCN00, MZZ17, MQ017, MDDR11, 
MD00, MMK17, MH14, Mai06, Mai09, 
MOS12, MP11, MPS16, MSZ10, MCS16, 
Map05, Mar99a, Mar05, MT94, MMT90, 
MC17, MZK05, MS99a, MM07, Meu91, 
MG18, MYSC17, MAG13, MOSW00, MD10, 
MS13, Moe98, MH16b, Mok17, MD96, 
MN08, MRFF17, MLB97, Mou03, MWY18, 
Nak05, NMKE13, Ney95, Ngu15, NH15, 
Nov03, NS16, Oji88, PZMX16, Pap95, Par04, 
PM05, PBC08, PAP17, Pat00, PT11, PR90].

**method**

[PH15, Pet92, Pfl08, Phi87, PP00, 
Pot97, PG02, QM10, QL16, QMLC15, RP17, 
RMCG04, RK08, RO04, RV05a, RMM12, 
Ree03, Ren14, RR00, Ric94, RVD00, RS08b, 
RG02, RMK09, RO16, RU15, SD13a, ST11, 
Sch16b, SS00, Sch98, Sch99, SW11, Sea09, 
Sel14, SG04, SD11, SD13b, SLW17, SWFK13, 
SWW17, She96, SY05, SW07, SXP09, SLJ11, 
tSqWyG16, SWW16, wSP15, SVB17, 
Shy86, Shy91a, Shy91b, uIVS13, 
SW09b, SSV10, Sod19, SS08b, SY08, SL15, 
SMA01, SS09, Ste05b, SW05, St03, SG05, 
Su94, SWW11, SvdVvD06, SWCH15, SW86, 
Sza94, TLP18, Tah96, TL07, TYKK01b, 
gTpM07, TW00, TV91, TM04, TM05, Tse00, 
VO00a, Wan96, WKM04, jWyG08, jWqW09, 
WC11, Wan11, WN12, WL13, jW15, WZ16, 
Wan17b, jWjJ17, WQ17, WCSS18, WC14, 
WW14, Wen98, WBC02].

**method**

[Won08, WWS07, WdG92, XL09a, XXQ17, 
YXT17, YS09, YCY12, YY13, YT00, Yi12, 
Yq16, Yu08, YLS+09, hWyQ12, Yu93, 
YH07, ZTZ15, ZL17, ZGL89, ZT06, ZOZ09, 
ZY14, Zha14, ZHJ14, ZYSZ14, ZL18, Zhe07, 
ZJ17, ZHL03, ZHL08, ZH15, Zho17, Zho18, 
ZZC+18, ZC92, ZWL11, Zi09, ZK00,
ZCC11, dFN00, vdVS08, vB95, CFXZ06, PT09, RB12]. **Methodology**

[AGJM04, CG14, FV87, PRST02]. **Methods**

[BH85, CFTW08, DGCW17, FF06, FFMZ13, MP85, Per88, Rei85, dH95, AH11, AB14, AH15, AM95a, AB17, Abu04, AB88, AyLqW18, ADK94, AS04, Alb96, AES15, AD17, AM99, AM00, AMP03, AMCM08, AMCR17, AV96, AH17, AAI93, AM95b, AGM95, AHS03, Ant13, AKL08, ABF09, AFS11, AFS00, ASCM02, ASC03, Arn93, Arn98, ARS97, ACM09, AC96, AFK92, AFS96, ÁMS14, AV91, BQM016, BGM12, Bai96, BN99, BY09, BKM95, BDGP96, BT97a, BDP99, BD07, BJ02, BLS17, BOEP00, BY00, BES18, BJ05, BK06, BASC17, Bea04, BZ92, BZ93, BV96, BG97, Bel97, Ben96, BB15, BN06, BM89, BMS89, BW95, B02a, BG03, Bie12, BDF94, BS96, Bla01, BCR01, BCF13, Bot97, BGP11, BJ11, Boy91a, Boy91b, BV09, Bfd007, Bra00, BCJW17].

**Methods**

[BH93, Bre85, BZ94a, Bru93, BMT93, BT93a, BT93b, BT95, BT98, BM02, BM06b, BM15, Bru92, BMM97b, BMM97a, Brun07, BH97, BJ03, BH12b, Bur85, BC89b, Bur91, Bur93a, Bur93b, BB96, BB98, BT00, But85, But93, BC95, BJ96, But96, BW96b, BC97b, But97d, BJ08, BC98, BS00b, BW03, BR05, BP06b, BD17, BS93, BS02, Cah98, CJ117, CH95b, CJ12, CD01, CG05, CMRV11, Cam99, CPP02, CG16, CGA96, CM13, Cao98b, Cao01, CHL07, CCP17, CG92, CP05a, CDG17, Car09a, CL85, CD95, Cas96, CP05b, CZZ18, C1J13, CG9, CM00, CCM02, CG13, CCC08, Cha98, Che96, CR05, CK98, CS03, CH07, CL07, CCLT10, CL10, C212, CHH15, CK06, Cn17, CN16, Con01, CM07, CX08, CP09, CPD12, CP17, Coo89, CST97].

**Methods**

[CN11, CN17, CPR93, CKM15, Cul95, Cve02, DIJ12, DP12, DTV03, DS05, DR90a, DR90b, DK11, DS07a, DS07b, DGN12, DM11b, DGRS09, DMP016, DS96, D091, D0j09, EAV16, EH07a, EM05a, ELv08, ELC07, Eir95, EHM01, ENg11, EG88, EK97, EH97, ER07, EP15, CEO7, FMM01, F16, FW07, FPR0A9, Fat12, FLMR14, FL04, FS08, Fer93, Fer96, FM95, FMW05, FS88a, Fou00, Fra04a, Fra06, FG09, FH97, Fr98, Fu02, GH01, Gan95, G99a, GM16, GV18, GANT02, GCHR06, GMG02, Gar10, GGLR09, GM93, GH09, GW90, GY94, GLPW09, GG95, GGM95, GM95, Ghe97, GD09, Ge07, GP01, GPMR95, GPMP03, GPHA06, GPHAM12, GPHA16, GML00, GGMF02, GM94, GKL07, G08, Gug05, GR03].
methods [Ran16, RSY12, RKVZ15, Rha97, RTV00, RTV02, Ric91, RX08, Roz05, RBT15, Sae14, ST09a, SH97, Sar05, Sch08a, ST89, SW09a, SW95b, SW98, SWE05, SWJ09, Sch12, SW95d, SGS00, SZ09, Sch95a, Sch87, Sch95b, SEGV02, SB14, SR09, Sha98, SWX00, SL09, pSLqJcY16, SA00, SC08, SJ11, Sid90, SG07, SD09, Sv95, SKW17, Som86, SvdHN86, SCvdH92, Som93, SK96, SW03, SdSC99, Spi95, Spi96, Spi13, SS13b, SW12, Sto96, SS10, SL08, SW05, SGN08, TMD92, TSB10, TDC13, TOD11, TB01, TYJ11, TK15, Tru00, Tur93, VB07, VDV98, VV02, VV07, VV09, Van00, VS94, VZ93, Ver06, VS95, Ver96b, VS91, VMS07, VMP03, Wal95, WGKS12, mWyG00, WZL08, WM08, WL09b, WL09c, WL09a, WG10, WL10, WZW13, WGW15, WMF17, Wan17a].

methods [WSP04, WEA12, WKP12, Wei95, WYL11, WSW96, Wen05, WCGW95, WSS97, WZ17, XFLC00, YGY15, YK07, YG96, YW08, YZ17, YR92, YX95, Yn99, YTZ18, Zen93, ZZL01, ZH09, ZC10, ZZW97, ZL11b, ZFX17, ZJS04, ZP97, ZX09, ZCSH1a, ZQLK11, ZCSH1b, ZX14, ZC99, Zha85a, Zla85b, dAF17, de 92b, dRT99, de 95b, in 92, in 95, in 96, in 02, van95, vdeS04, vdvHW01, vSC92, vS93, vC93, van93, vS96, van96, vS97, vdmMds99, vdhS01, vdsvdH95, AGM09].

Modeling [BH85, LC02, Per88, BLS94, Bai02, BLW02, Beh97, BGG12, BMP05, BBO03, CM09, CKM15, ESS15, HM00, LJR93, IHS13, IM00, KGR08, KDAK16, MCM12, Mur15, Neu88, NBP94, Ram94, SKAW13, TKN11, TLV92, WL09c, WCGW95, WMC09, WYP12, YCY17, ZW09, ZAB15, van98].

Modelling [BW86, RCGM98, BBPR05, BDES12, BBCS05, BR94, BCS06, DS03, DSSC13, FMSV07, Gwi09, JRW06, KRBK16, LBLT13, Rob10, SMJ12, SH97, SG16, TKN11, TLV92, WL09c, WCGW95, WMC09, WYP12, YCY17, ZW09, ZAB15, van98].

Models [AM95a, ALM04, ABD16, BL15, BAD13, BBV05, BN03, Cai15, CFCH09, CDV00, CD13, CF08, dCCSR03, Dal00, DMQ02, DSSC13, DTM15, ESS15, GJR03, HM00, IJ14, IHS13, IM00, KGR08, KDAK16, MCM12, Mur15, Neu88, NBP94, Ram94, SKAW13, TKN11, TLV92, WL09c, WCGW95, WMC09, WYP12, YCY17, ZW09, ZAB15, van98].

Modes [CCS02, Mul99].

Modification [BKM13, CJV88, VO00b, Waa88].

Modified [Guo15, Has08, LS99a, MH16a, Mar94, SY03, SL08, Bog12, CL14, CL09, DP12, Est95, HPY92, HP85, KM18, KR18, LY09, LK07, LS09b, VVDV95, WL10, WW14, WYP12, XCS85, XXQ17, XZZL15, ZHJ14, Zhu04].

Modular [SA12a].

Modulated [Pu05].

Module [SW95a].

Modulus [MH16a, Waa90].

Modulus-Based [MH16a].

MOESP [SMC08].

MOL [HS98, Hin95, Now96, WSP04, Zha96].

MOL-Applications [HS98].

MOL-Systems [WSP04].

MOL-Treatment [Now96].

Molecular [CS01, AB12b, Lub04].

Mollification [AM09].

Moment [Bis11, CXZ15, LR01, LS07b, Njå88].

Moments [CS17, DFC09].

Monge [SWR11].

Mono [VDVV98].

Mono-Implicit [VDVV98].

Monod [BM05].

Monotone [Bog16, Wan07b, Bog12, CRU15, FBM17, GRLL01, GJ17, WL09b, YLS+09].

Monotonic [AEF+14, DKK94].

Monotonicity [CM12, DMR10, Eir95, Hor02, mWyG00].

Monte [LHÖ13, MD06, DE18].

Monument [DSSC13].

Morley [HLC01].

Morocco [BDES12].

Morphodynamics [KDAK16].

Mortar [BC08b, FMW05, CX01, CH07, EJS11, HLC01, WCXL09].

Mortar-Type [CH07, HLC01, WCXL09].

Mortars [Ste05a].

Motion [PGM86, FMU15, HT00, KOW05].

Motivated [VCC12].

Mound [SR88a].

Mountain [DH12b].

Movement [Bai97, DF11].

Moving [BW86, Pet87, ADFR18, AD01b, BHJ05, HHJ06, BP14, BFA93, BB97a, CHR90, CRR03, dCCSR03, FE93, Fer96, HR96, HR97, HB90, LCHR03, LBLT13, Li11, Li16, LSY17, LR03, RL06, RTT01, SD13a, SS08b, SWCH15, Wag98, Zha96, Zho17, Zup03].

Moving-Boundary [BB08, Zhu17].

MP [HVY91, van85].

MPE [Ace98].

MPE-Iterative [Ace98].

MPI [AAD14, Nak05].

MR [Kua95, Tsy96].

MSABC [PT09].

MSOR [Wan96].

Multi [BC00a, Kom07, Kuz90, LW04, LW17, Log04, Pu05, Ano87a, Aru95, BZ17a, BS12, BF95, But93, CCS17a, CaAL96, DSS98, ESEKZ10, FPP00, Har93, HLMKZ06, Jun97, KKK92, KCC04, KKN+17, KCD16, KM11, LX08, LW07, DLM16, Mar09, MM16, MPG+16, Mur98, Par14, Pohl93, PCA10, RKVZ15, SM89, Tor06, WWX13, XL09b, ZWA15, ZCSH11a, ZQK11, ZCSH11b, iW09, BO11].

Multi-Adaptive [Log04].

Multi-Atomic [Log04].

Multi-Body [Log04].

Multi-Channel [RKVZ15].

Multi-Colored [Kom07].

Multi-Core [MM16].

Multi-Dimensional [MM16].

Multi-Domain [DS89, FPPS00, SM89].

Multi-Domain [DS89, FPPS00, SM89].
multi-frequency [KKN+17, KCW16, Par14, WWX13].
multi-point [Ano87a]. multi-resolution [Har93].
multi-stage [But93, CCS17a, Tor06]. Multi-step [BC00a, LW17].
multi-symplectic [HLMKZ06, ZCSH11a, ZCSH11b].
multi-wavelets [CaAL96]. Multiblock [Li00a, DS15, FV99, Oos95, dPT96].
multibody [Aca12, EK97, HMW05, Sim93, Sim98, WSW96, Wen98]. multi-component [EWW99, QW04].
Multidimensional [BG03, KW10, MKS12, AR15, AM16b, BOEP00, CXNF14, CRU15, CJLS98, Cuy90, FCX06, Hag15, HKZ08, OP04, RBT15, ZC92, iM13].
Multidomain [MQO17, Tro96, YH00, BO11, Kim95, Kop86].
Multi-fluid [DRC85]. multifluids [CFX08].
Multigrid [De 02, DMPSC16, FH08, OG08, Sha98, Ta’86, WZ02, Zha97, BMR+17a, BRSD91, BW97, BVV09, Bre02a, BG02b, CZ90, CK98, CH07, DS97a, EVO06, FL01a, GGLR09, GGN12, GGR97, GJV08, HY02, HST14, JT06a, Kan04, KH91, Kor95, LWT07, LP05, Mic95, Mol95, NN10, Oos95, PS09, Pf08, Phi87, RDH+12, SWX00, Spi99, Spi00, SMA01, TLV92, VP91, WZ17, vBvdZdB08].
multilayered [NBPP94].
multioperators [Tol03]. multiphase [KMR09, WK02, ZC92]. Multiple [ELLE02, HS86, HLIS16, KSP10, SAG86, WGB99, hYK86, BN12, BGH08, BG14, Boy91a, CZY08, EJS04, KS04, KYI17, Lee10, Lei02, MS86, Mon09, PH91, RMK09, SW95b, pSLqJcY16]. multiplication [FT96, MA04].
Multi-operators [FL01a, Mai06, DE16, KKP07, KR12, NN13, TN16]. Multiplier [ONL89, ABG+15, PAP17].
multipliers [BGGO4]. multiply [BS96a]. multiply-refined [BS96a]. multipoint [JL86, JL87, MW93].
multipole [DM12, Eng11]. multiprocessor [CSS87].
multiprocessors [AABI+93, IVA93].
multiquadratic [Jun07, JD09]. Multirate [GR93, BKP09, EL97, HS09b, KP15, PG02, Pu09, Skee9b, SG05, SBG09].
multiresolution [BRRB09, DGRS09, FR14, GDS+15, JP17, PD96, PG910].
multiresolution-based [PGS10].
multiresolution [MP97]. Multiscale [CL08, DO90, EH07a, WC14, CKB13, CC04b, DDHS97, DXY09, HSY18, Jee90, JEG10, LNZ12, Rob10, SKAW12, SQ17, YC16]. Multispectral [CdCV03].
multisplitting [Liu02]. multistage [ABH14, BJ98, JVS95, JR00].
Multistep [CP09, FMMK01, VZ93, AFS00, AFS02, Arn98, BCS17, BT95, CM13, CLS5, Cha98, Den15, HTH97, GM16, Gje07, JI17a, LMG02, MST09, ONL89, OTH04, PAG93, SvdHN86, Spi95, Spi13, in 02, vB95].
Multisymplectic [AM04]. Multithread [RRMJ12]. Multithreaded [Chr96].
multi-value [Bur85, BC89b].
multivariables [Ari87]. multivariate [AEG12, CC04a, CV88, MD06, OGV92a, PGS10, WT93, de 92a].
multiwavelet [DJJ+15].
multiwavelets [AFS11, CS17, MB08]. Munthe [AB17].
MUR8 [EL97]. Murakami [CN16].
MUSTA [To06]. myelinated [LFL14].
n [Pav00]. NACA [De 02]. Nador [BDES12]. Naghdí [DL16]. Nanjing [LST07]. Nanostructures [KNP16].
narrow [Con89]. NASA [BJS12]. natural [CdCV03, Che16, DdCVR03, DY03, HY01, Hua17, HS97, Sch91, Ste05b, VZ93].
natural-norm [Che16]. nature [VS91].
Navier [KM16, Kní95, AR18, BB15, BG11b, BC01, Cau08, CSXL14, CD13, DY17, DJ10, DS97a, DN08, DJL04, FD16, GM10, Gu00, GH07, Guo15, HHC08, HL08, HW15, HFL12, ITZ17, Joh01, Kal96, KS00, KCL00, Kni94, KDK17, KN93, Kwe03, LA11, LR00, LO96, Med06, Nor97, OK98, QR03, QML15, QAMX17, RV05a, RK91, SH10, She96, SA00, Shy86, ST68, TH18, TLY92, Ton04, VG04, WY02, YC16, Zha14].
Navier-Stokes [Shy86]. NCP [PGP03].
Near [PGM86, Ari04, BRIP08, KLSW10, RS08b, Sch02]. near-breakdowns [RS08b]. near-critical [Ari04]. near-minimally [BRIP08]. nearby [DMP99, SL01a].
nearly [BRS05, DN13, ELR+15, Fat10, Mou03, Win01]. nearly-singular [Fat10].
Necessary [Men14]. necessity [BC05, BDDV12, BDDV10]. necking [NMSF94]. need [Mau08]. needle [Li01b].
negative [BC05, CLS04, LDP+14]. negativity [AHT17]. neighborhood [Bar05].
nodes [CMP15, CHS17, KK09b, SR09]. Norther [Dor01]. Norther-type [Dor01]. noise [AHO16, KZ16, KR12, KR15, MH04, MRS10, TN16]. noise-removal [MRS10]. noisy [KLS13]. Non [ADSS17, AMR12, BS00a, BFdS10, FR14, FBM17, LY10, LDP+14, PSP04b, PPS05, TJ12, XL09b, AD15, AS11, AHT17, AK00, ACMR06, AMV17, Ang06, ASCM02, AGKK94, AM10b, BBD18, BRVC09, BM06a, BP12b, BTDDV10, BO11, BMV06, Buc04, Buc17, BJ06, BCS06, BB98, CL01a, CP97, CM02, Cat10, CLR11, CCO4a, CTK10, CCJ99, CLS04, DDP12, Dea11, DS97b, DM11b, DN08, DSZ15b, DSZ15a, Ehr08, EL01, Fvms17, Fou00, FM11, GP98, Gal15, GS94, HM01, HL02b, Jun97, KLSW06, LH11, LC99, LOM98, MD11b, MVVA09a, MSTR09, PGDB08, PFLH09, RS09, RV04, RV05a, Sch93, Sch04, SB14, SYG+05, SG00, Ste05b, WZL08, WC11, WC14, YXT17, ZH09, ZP98]. neutron [FdSB02]. Neville [AGP97, GP93]. Newell [MDRR11]. Newmark [KW12].
nodes [CMP15, CHS17, KK09b, SR09]. Norther [Dor01]. Norther-type [Dor01]. noise [AHO16, KZ16, KR12, KR15, MH04, MRS10, TN16]. noise-removal [MRS10]. noisy [KLS13]. Non [ADSS17, AMR12, BS00a, BFdS10, FR14, FBM17, LY10, LDP+14, PSP04b, PPS05, TJ12, XL09b, AD15, AS11, AHT17, AK00, ACMR06, AMV17, Ang06, ASCM02, AGKK94, AM10b, BBD18, BRVC09, BM06a, BP12b, BTDDV10, BO11, BMV06, Buc04, Buc17, BJ06, BCS06, BB98, CL01a, CP97, CM02, Cat10, CLR11, CCO4a, CTK10, CCJ99, CLS04, DDP12, Dea11, DS97b, DM11b, DN08, DSZ15b, DSZ15a, Ehr08, EL01, Fvms17, Fou00, FM11, GP98, Gal15, GS94, HM01, HL02b, Jun97, KLSW06, LH11, LC99, LOM98, MD11b, MVVA09a, MSTR09, PGDB08, PFLH09, RS09, RV04, RV05a, Sch93, Sch04, SB14, SYG+05, SG00, Ste05b, WZL08, WC11, WC14, YXT17, ZH09, ZP98].
TW00, VL08, WZ14, WT17, iV09, Pet92]. non-asymptotic [Sch04]. non-autonomous [CL01a, DM11b, SB14]. non-clamped [BBD18, non-classical [AS11, CCJ99]. non-commuting [BB98]. non-compactly [Ehr08]. non-conformal [CLR11]. Non-conforming [XL09b, DDPI2, DN08]. non-convex [AM10b, CP97, CKK10]. non-cylindrical [BCS06]. non-Darcy [EL01]. Non-degeneracy [PPS05]. non-equidistant [DS97b]. Non-equivalent [PSP04b]. Non-Fickian [BFdS10]. non-hermitian [Pet92]. non-homogeneous [AMV17, BP12b, PFHL09]. non-linear [AK00, BM06a, Buc04, BJ06, KLSW06, LC99]. non-local [ACMR06, Ang06, BMV06, MVVA09a]. non-lumped [GS94]. non-matching [BTDV10, Ste05b]. Non-monotone [FBM17]. non-negative [LDP+14, CLS04]. non-negativity [AHT17]. Non-oscillatory [TJ12, ASCM02, DSZ15b, DSZ15a, PGDB08]. non-overlapping [BRVC09, Jun97, LOM98, RV04, RV05a]. non-parametric [AGKK94]. Non-periodic [BO11]. non-perturbative [Cat10]. Non-polynomial [ADSS17]. non-quadrilateral [TW00]. non-rationally [Sch93]. non-reflecting [Dea11, GP98, SG00]. non-self-adjoint [Gul15]. non-selfadjoint [HM01]. Non-separable [AMR12]. Non-Sibsonian [BS00a]. non-smooth [FvdMS17]. non-standard [FM11, MDRR11, WT17]. Non-stationary [LY10, Buc17, CC04a]. non-symmetrized [HL02b]. non-trivial [CM02]. Non-uniform [FR14, AD15, Fou00, LH11, MSTD09, RS09, SYG+05, VL08, iV09]. noncompact [Ma14]. Nonconforming [BMS89, JP08b, YLL09, CK98, CZS04, GHT05, JK14, Kan04, Kim12, KOS+12, MCS06, MZS10, Osw97, Par04, Ris05, VMS07, WSY18, ZCZ15]. nonconstant [CCL04]. nonconvex [GT02, SL08]. nondegenerate [KL98]. nondifferentiable [MH16a]. nonexistence [BSV09]. nonhomogeneous [BJ00]. Nonlinear [Bar05, BL91, De 93b, DSS15, EH91, MSS+15, RBBC85, Ren13, SM85, SW13, SCT05, Tan01, WZL08, AC98, AD17, AAM03, AB07, ALM04, AD18, AO91, ADH00, AMS14, Bac14, Bac16, Bac17a, Bac17b, BY09, BHJ06, BLS+17, BGG04, BMM03, BNH01, BS10, BKP14, BS09, BSQ06, BBR01, BGP06, BVRB14, BRBB18, BT98, Bru92, BC97a, BKW06, Bus06, CCG13, CW98, CS94, CJL13, Cha17, CR05, CL07, CZY08, CNS00, DW00, DS17, DA17, DM09b, DZ12b, Den15, Die15, DSSC13, DL16, DHM09, ESEKZ10, EJS11, FID18, Fdi96, Fer96, FI03, FV87, FJS99, FL01b, GLS09, Gm09, Sg09a, PLLW14, GM16, Gm96, GHKM09, GMS12, Gm06, GGNP02, GT93a, GKA17, Hm87, HJS97, HdSR17, HK93, HM09, HS95, HJKW17, HJL18, Hua98, Igoa95, Itus87, JZK06]. nonlinear [JRT90, JW01, Jia12, KM95, Kmo6, Km97, Knt13, KSSS16, KS04, KKP17, Kk17, KLSW10, LPT94, LW93, LOS03, LA11, LHW17, LYO3, Lio09, LRL14, LMP99, Luo18, Ma03, MH16a, MMP09, MDP10, MK14, MP11, MS20, Mik97, Moe98, NC16, Oji98, OT02, Otk04, PM91, PD01, Per99, Pa91, Rha99, Rta14, RV05b, SHR7, SH09, Sch09, Sg99, Sch98, Sch87, SY05, SY07, tsqWyg16, SZ12, SZ17, SVB17, SC03, SS09, SG92, SL01b, Ta96, TH09, VSG17, VP91, Vmp03, nWyg00, Wan01, Wan07a, Wan07b, Wl09b, WC11, Wan11, WZ14, WG15, WZ16, Wan17b, Wei09, WP99, WB03, XZL07, YLS+09, Zha96, ZHo9, ZZW97, Zha01, ZP792, in 95]. nonlinearity [Fuh01]. nonlinearly [MSS99]. nonlocal [ADFR18, Bor02, Deh05, DM09b, KBS11,
MVVA09b, NY13, PD01, VS91]. nonmodal [Dat99b]. Nonmonotone [ZH15, BBD18, Yu08]. nonnegative [BW03]. nonnegatively [FLMR14]. nonnegativity [Hor93]. nonnegativity-conserving [Hor93]. nonoscillatory [HOEC86]. nonparaxial [MP11]. Nonreflecting [Rya00]. nonselfadjoint [CX01]. Nonsmooth [LO96, ZXW17, Aca12, BG02a, BRW17, Nke07, Ril92]. Nonsmooth-data [LO96]. nonsolvable [CC90]. Nonstandard [KCC04, BF01, Mic03]. nonstationary [Cao01]. nonsymmetric [AL05, Cao98b, Cao09, CK98, Jes93, KG90, KCB02, MRS10, SEGv02, YG95, YSBL14]. Nonuniform [JM94, DSSC13, Li01a, MS90, Tur86, KQ13b]. nonunique [CY98]. nonviscous [LKJ07]. Nordsieck [AH15, BJ05, PWS06]. norm [AFF+15, CKB12, CXZ14, Che16, Dol14, EFLFP09, FP02, Gab02, Hor99, JM05, Kra92]. normal [CFRA08, CJ90, FH10, FMU15, GS09, dPT96]. normalized [Auz03]. normed [BRIP08]. norms [Bre02a, GCHR06, HJP10, TM05]. note [Ano04m, AHS03, Ber15, Cao97, CS17, EK96, HV95, Iva07, JUN07, KM16, Li12, Lon88, Mar93, MVVA09a, Mi04, NR14, O’L87, RS14, TY03, Wel10a, YSBL14]. Notes [DT10, BW96b]. Novel [BLD17, NMSF94, LMSW17, MC17, ZZL17]. NtD [CAAT16]. NUFFT [MZZ17]. nullspaces [SY05]. NumAn [ADG+16, HKNV16]. Number [FG01, PG86, BG11c, BS96b, CH95b, CG14, FH+02, GS09, GIP03, HD04, KO96, Kew01, LHI08, LH09, PBC08]. numbering [BW97]. numbers [BBLT15, CMS06, GK93, LW18, SQ17, Win01]. Numer [Kni95, Tsy96, YP18a]. Numer. [BrTBV87]. numeric [CBHY11]. Numerical [Aff94, AD08, Ale11, ALY03, AO05, AL87, ALM04, AM10a, An02g, ADM10, Ari04, AS06, AC16, BF02, Bec02, BDES12, BN06, BGM+09, BBCS05, Bho11, Bho12, BR94, Bor16, BMP05, BBL02, BG11c, Boz11, BFd007, BGHR12, BGD+15, BCDP17, BH55, Cah89, Cah92, CDV00, CCMSS11, CCG13, CHPV09, CST18, CCK03, Che12a, CBD16, CF08, CF05, DZ12a, Da00, DS07a, DGCW17, DG96, Den07, DL13, Die15, DRC85, DLM02, Eis86, EZ03, FF06, FFMZ13, GM85, GKT10, HKS86, HM87, HLR18, HM00, HJ06, Jac87, JRW06, JMP06, Jun06, JT06b, KX91, KO92, KW05, KP07, KS04, KPR12a, KDAK16, LA12, LM17, Le 12, LWT07, LZW17, LK07, LO03, Liu97, LP97, LRE04, MO17, MP96, ML16, MNR14, MF99, Mat08, MS02, MQ00, MH04]. Numerical [Mok17, Moo95c, MRFF17, Mot17, NS12, NER95, Nü09, Ob15, PT09, Pe15, Per88, PS00, PA05, PWS98, Pot97, QAE+09, RP17, RC18, RMM12, RMS17, RX08, RO16, RBT15, SA90, SKBAS08, SKAW12, SH02, SR88a, SWW17, SC03, Son91, SR88b, ST05, Sp09, Sp99, SG92, Str98b, SH91, TER03, TKN11, Tia15, Tsy98, VA05, Van92, VBD93, VP09, Wan01, W009, XGM08, Xin08, Ye04, ZCSH11a, ZAB15, de 92b, de 93a, vHA98, ALMM01, Abu04, AQS94, AL5, AEXM17, APA92, Ang06, AD01a, Arn93, AS00, AAD14, AM16b, Az03, AMS14, BDMG12, BBV13, BGG04, BZ92, BO04, BB15, Bla01, BCF+13, BTBV87, BDFV95, Bor02, BHJ13, Boy91a, BFdS10, Bre10, BS08, Buc04, BG05, BC89b, BC89c, CFK07, CL08, CG92, CL85, CD95]. numerical [CW98, CP05b, CGN03, CJ90, CXYZ08, CAAT16, CN500, CM04, Cu95, DDK05, DS17, DG10, DZ12b, Den03, DMQ02, DSK12, Do05, DBBBB14, DC09, ESEKZ10, EL01, Fai00, FW07, FH+02, FJ97, FL15, FdSB02, FMSV07, Fra04a, FLL11, GQ89,
Gla93, GML00, GMGF02, GLM09, GOP06, GKL07, GL17, GN86, Guo96, HZBM05, Har09, HHT97, HM01, HJ05, Hin97, Hor99, Hor02, HA16, HBJ09, IV16, Iesk89, IMM04, JL91, Jac96, Jad94, JK17, JL17, JR02, JCSR03, JTS88, KV95, KD13, Ke185, KC94, KPR06, KK90a, KNP16, KKW00, KKN17, LPT94, Lau17b, Lau17a, Lee94, Leo10a, LD10, LSK12, LYF17, LR87, LSL11, LC99, LZL14, LLD18, LR87, LFP04, LFS15, LP00, LD02, DLM16, Ma03, MPTT17, MS03, Man97, MRF00, Map05, MVVA09b, MV17, MSS+15, numerical [MP15, Mur15, Mur99a, Mur99b, NRWF08, NK11, NMKE13, NMSF94, NT92, NS16, OS08, Oji88, PR89, Pet00, PP92, PFHL09, PCA10, Ram94, R102, RG05, Ril92, RMK09, RT95, RTT01, San89, SB03, SY03, Sch91, SS94b, Sid10, Sid14, Sim93, Sim91, Sol15, SvdHK94, SS02, SWR11, Tah96, TYKK01a, TOD11, Tho85, TK05, Tor06, Tou97, Tsy96, Uty08, VO00b, VV07, VV95, Wag85, Wan01, Wan07b, WL10, WQ17, WB02a, WCGW95, XL09a, YBL13, ZWH+17, ZL11b, ZML+12, ZP97, ZCC11, tV87, van86b, van98, vDHWSW98, Ano87a, BJS12]. Numerically [War92, CH04, WT08]. numerics [FJH+01, HW04]. Numerov [AGM90, FW08, Sim91, Wan07a, Wan11, ZR15]. Numerov-type [Sim91, FW08]. NUMOL [Dia95]. Nunziato [TKN11]. Nyström [Pat98, AMCM08, BDP99, BCR01, CL14, CPR93, DM11b, Fer09, GMG04, GML00, Hoa15, Lab98, LW17, LS05, Mur98, Pat00, PA05, Som93, Tau09, VDVV98, VV02, vSC92, CH95b].

Object [LLS+96, EMMK01]. Object-oriented [LLS+96, EMMK01]. objects [DH12a, ESS15, IT07, QL16]. oblique [Sod91, WN12, WL16]. Obrechkoff [VV99]. Observations [Pet87, YGY15, YK07]. observed [FV01]. observers [PGC01]. obstacle [BS14b, Imo00, KJL12, Map05, QL15, Zou11]. Obviating [AM16b]. Occasion [CHM09, EST15]. Ocean [AL87, Beh97, Lee94, LG02, RG05, RM12, RW87]. October [Wen10a]. ODAE [PP92]. odd [AS05, BtTBV87, tV87]. odd-even [BtTBV87, tV87]. ODE [Aro96, BM09, MP+16, SSV89]. ODEIVPs [Bur93b]. ODEs [ABH14, AH15, AB97, AV96, AB98, AB09b, BK06, BM06b, BKW06, BP06b, CCMSS11, HS09b, KKP17, LS07a, Mur98, Mur99a, Pat98, SC11, SA12b, SK16, VS95, WSP97, BT97b, BM02, CM97, CPR93, Gea93, GX93, Jac96, JN02, MW93, MQ03, Sal89, Sha85b, Sha05]. off [FV85, Fuh01]. off-diagonal [Fuh01]. oil [Aff94, FBS09]. Old [Cuy90]. omitted [BB10]. on-the-fly [BMR+17a]. One [Buc06, De 88, Gil10, KL09, Pet87, Bac14, Bho12, BFA93, Bok03, CP05a, Chi93, CY05, CN11, DR09a, DL13, Eir99, EK97, FP02, FD97, FdsB02, FR18, Guo01, HZ09, Hin97, Hor99, Huo00, HL89, Kam00, Kie95, KS09b, LL98, LAH09, MQ017, MI13, Moo95b, Mus11, SMEN04, SLJ86, SM93, Sha85b, SJ11, SW12, TYJ11, TM04, Ver93, WZL08, Wan17a, WSS97, YDW17, ZH09, ZZW97, ZQLK11, Bru97]. one-block [Guo01, ZZW97]. One-Dimensional [Pet87, Bac14, BFA93, CY05, FP02, FD97, HZ09, Hor99, KS09b, LAH09, MQ017, Moo95b, Mus11, SLJ86, SJ11, SW12, ZQLK11]. one-leg [Hua00, WZL08, Wan17a, ZH09]. one-level [KL09]. one-parameter [Hin97]. one-point [Gil10]. one-speed [FdSB02]. one-stage [Chi93]. One-Step [De 88, Buc06, Bok03, EK97, Kie95, SMEN04, SM93, Sha85b, TYJ11]. Ontario [CFTW08]. Open [Gus88, Gla93, HGR01, HLL09, Kim14, Mai09, Man97, Mar94, RW87]. Operational [MZ87, Lub92, Mok17, dHV13]. operations [HR14, IMM04, MI03]. Operator [GV02, AMT13, AHS03, AB14, BF15, BMR+17a].
Bie12, BC05, BC04b, BFH09, Bre06, CM02, GK09, IHS13, Kan04, Kic15, KNT13, Kyzy15, LMS08, MS99a, MV18, Ost02, SCT05, SN04, WK00, WWLS08, ZWH

operator-splitting [AMT13, BC04b].

operators [AL95, Auz03, BRIP08, BK06, BCE04, BMV06, Chr01, EH07b, GGMP88, GSR00, GP04, GS05, Haa97, HB02, HH98, HM01, HZ02, Osw97, PAGA93, Pel15, Str98b, SGN06, Xnu13, YBL13, vSW90].

Optical

[BFS17, ASZ15, AES13, BCMV03, Den07].

optics [DHL00, RVdCVR02].

Optimal

[AMP03, AMCM08, APA92, AW09, BS05, CC18, Chi93, DM09b, GS99a, GP98, HJKW17, HJL18, IPL02, KMG09, Kwe03, LMWZ10, MG97, Nke07, ST09a, SHA12, AA04, AM99, AM00, AVMMV09, ARSW05, BCT16, BGPI11, BVB09, BS15, CKP15, EBC07, EGO10, FG13, For11, Has08, KP15, KR15, MZS10, MKH16, NK11, PL103, RSD+, SG00, Sim94b, XL11, YGY15, YK104b, YC16].

optimally-[FG13].

Optimally

[KLSW06].

Optimally-stable

[KLSW06].

Optimization

[Bie87, CDI91, Jor11, LH013, SS09, AH09, AD99, CH87, CD18, CMS06, DW15, EM05a, EM05b, Fer14, For02, GM08, GM08, GM10, GGNP02, KK11, Kok08, KLS13, KL87, LS10, LS68, LT05, ML16, Meh08, Min87, NK11, Out11, PCR17, RP01, Ren99, Rha97, Rha99, SP99, Sch09, SWJ09, SA08, SS09, TLP18, WM08, Yu08, ZWL11, ZP12].

optimization-based [Kok89].

optimization/simulation [Min87].

optimize [CD18, IMM04, MI03, SH02].

optimize-then-discretize [CD18].

Optimized

[Chn17, QLL+, Ts01, AKGR14, CM02, GKMS09, Mar05, SEG02, Ven15].

optimum [Meh08].

option [AD99, CF08, FV01, GGO13, KKT16, LL15, ZW09].

options

[ALY03, AO05, BP14, BAD13, BNV06, Bis11, CXZ15, CPOGO17, HFL13, DLM16, RP17, ST11, ST14a, TGB08, ZGO12, ZO14].

orbit [DG10, vdHMds99].

orbital [GML00].

Order

[BCJW17, Bur85, BT97d, But98, But09, Gar10, IN89, Jac87, Sim98, ZM17, ZJ10, AH11, AB12a, Abu04, Aca12, AKG14, AB88, Agu15, AB15, AES15, AEMW17, Ale13, AM99, AM00, AMC04, AMCM08, AMCR17, AMCR06, AHR12, AL17, AT13, Bac17a, Bac17b, BMGM12, BG11a, Bai02, BOEP00, BFS17, BM05, BK13, BM01, BNV06, Ber04, Ber05, BZ17a, BCC16, Bla01, BCR01, BC05, BM06a, BC01, BVV09, Bos09, BJ11, Bra00, BMPR15, BPTT15, BRBM08, BBKS07, BT95, BMM97a, Bru07, BDM03, BB96, BB96, B396, B986, Cam99, CPP02, CAGA96, CM13, CDP17, CAGA93, CHSS01, CP05b, CES09, CST09, CS09, CY09, CJX11, CK17, CS08, Ch12b, CRU15, Chr01, CN16, CC199, CST97, CD00, CN11, CN15, CN17, CLS04, Coy12, CP03b].

order [DR09a, DR09b, Deo05, DDNZ18, DZ12b, Den15, Den03, DB08, DC09, DJJ+, EHM01, EES05, Elg17, EL97, EP15, EN09, EW97, EH09, FJ17, FW08, Fer93, FJP17, F000, FG09, FM11, GS99a, GX11, GLLW14, Gar96, GMG04, GLPW09, GJ00, GMP030, GML00, GOP06, GGR97, Gu00, yGQWeC05, yGP09, GHF00, HP85, HHR12, HS11, HK012, HP18, HOEC86, HLMP09, HEG16, HMdI03, HS17, HvdHV10, HST14, INR01, ITZ17, IT16, JM17, Jad94, JJ94, JN07, Jia12, JL17, JCN94, Jho05, KS00, Kat89, KLY05, KL07, KK09b, Kom07, KM18, KC16, KZ13, KOS+, KKP17, KLSW06, KW10, LCVG01, LH11, LHHR94, Lee94, Lev91a, LP000b, LX08, LSW10, LYY17, LW17, LR18, LX09, LMG02, LE94, LL02, Lua17, Luc05, MPTT17, MS08a, MVV09a, Ma09, MYR17, MPl16, MD96].

order [MRFF17, MK99, Mur98, NK11, Nap16, NT16, Nic86, PZX16, PGDB08, PCR17,
PJB04, QW04, RZ00, ROB17, Ran15, RA03, RR00, Ris05, RT14, RTU15, RO16, SMJ12, SST12, Sac93, SA90, San02, SM93, SB14, SD13b, Sha87, SZE+92, Ske89a, SDK15, Sof17, SvdHN86, Som93, STS00, SS09, SS13b, Ste08, Str98b, Sub04, SW17, gTpM07, TX18, Tem15, Tob14, TZA13, Tol03, Tol04, Ton04, TDPU17, TY00, WV02, VV09, Vej10, Ven15, Ver96a, Ver06, Wai98, WKM04, Wan07b, WL09b, WWX13, Wan17b, WMF17, W12, WC14, Wen98, WB03, WYP12, YV17, YT00, YC13, YDWW17, YXZ18, Zha96, Zha14, ZWH+17, ZZW97, ZFX17, ZX14, iW09].

Order-dependent [ZJ10]. Order-preserving [ZM17]. ordered [HP97, Not92].

ordinary [HP97, Not92].

ordering [Ara99]. orderings [AMP03, ESEKZ10, SV00, Tsi01]. ordinary [HT93, Bac16, Bac17b, BJ05, BZ92, Bok03, BJ11, BC89b, BB96, BB98, BC95, BJ96, BJ98, CL01a, CD95, Den93, Emr06, FMMK01, GGMP88, yGpY09, HJ05, IM98, Ise02, IJ17a, JY19, JV296, LMSW17, MP94, NMKE13, RT95, San89, ZC99, in 95].

orientation [ACM91, ZML+12]. oriented [AS05, EMMK01, GG95, LLS+96, MPG+16, SG05, WSS97].

Orthogonal [Ari03, BDMG005, AyqLqW18, ADG11, BSMF02, BR01, BR16, Bre91, BDRZ04, CIZ96, CKL03, CMR12, Chu03, Cod08, DA18, DR01, DMR10, DIR13, DM97, DJS0, ERS00, FR11, FR18, FBM17, Hig96, JTO9, Jot95, KS10, Lee10, LFB00, LZ17, LZY09, Mar94, MM02a, MdRo5, Mie98, SG09, SLZ10, TJK18, WM07, dACR10, RMM12].

orthogonality [BRDRZ04, JJ15].

orthogonalization [SS99, ZNK02].

orthonormal [CaAL96]. oscillating [CPR93, DXY09, DC09, FW08, Mar94, RCGM98, San00]. oscillator [EK95, MH04]. oscillators [FW07, GMGF02, JZJ10, YW08].

oscillatory [ASCM02, CC04b, Che12a, CEW00, Den93, DZS15b, DZS15a, Eva94, EW97, EC07, Fra04a, Fra06, GMG02, GMG04, Has09, Has13, Ise02, KM17, KCI03, LWWX10, Maj17a, Mot17, PGDB08, TJ12, VV05, WWX13].

Oseen [AKL08, Cao10, Cod08, KLY05, vdVS08].

Osher [HS86, LDWI16].

Osher-type [LDWI16]. other [DLM16, Ske99].

otherwise [BB10]. Out-of-core [MMBB07].

outflow [Nor97, Nor99]. output [CDGA17].

output-based [CDGA17].

overdeterminations [HP14]. Overflow [FT96, FT06].

Overhauser [Arc66].

overlap [Pav00]. Overlapped [DS07c].

Overlapping [Coy12, TMS87, Wan05, ZHL03, BRVC09, Jun97, LOM98, RV04, RV05a, RGL16, SA12a, de 95a].

overrelaxation [HPY92, KP03b]. overset [QLL+08].

Overview [WP99, FNT06, Hsi06, MLK06, Sv95, We95]. own [KV07].

otherwise [BB10].

otherwise [DLM16, Ske99].

other [DLM16, Ske99].

outflow [Nor97, Nor99]. output [CDGA17].

output-based [CDGA17].

overdeterminations [HP14]. Overflow [FT96, FT06].

Overhauser [Arc66].

overlap [Pav00]. Overlapped [DS07c].

Overlapping [Coy12, TMS87, Wan05, ZHL03, BRVC09, Jun97, LOM98, RV04, RV05a, RGL16, SA12a, de 95a].

overrelaxation [HPY92, KP03b]. overset [QLL+08].

Overview [WP99, FNT06, Hsi06, MLK06, Sv95, We95]. own [KV07].

P [CHM09, Kan04]. P.D. [Ano87a]. P2 [Kim12].

P_SPARSLIB [SW95a]. package [HSW99, HS02, HK93, HVY91, SH02, dh95].

Padé [Ari87, Kid90a, Sad96, AEG12, Bie91, BW15, Bre96, Bre02b, Bre10, But09, CL06, Cat10, Dar90, DMGV005, DMGV009, GLL14, Gil10, GVP93, GM94, KS91, Kid90a, Kid90b, Lor10, MdRo5, OGV92b, Pre90, Pre95, Sad97, van86a, vi87].

Padé-type [Ari87, Kid90a, Dar90, Kid90b, OGV92b, vi87]. Painlevé [AY15].

pair [Cu95, FW07, Ts01]. pairs [BL05, BS92, Hig97, SV00, TM15, Ver96a].

panels [NBP94].

Panograph [AS00, BGT97, DBBH14, Ise97, Liu97, Wan17a].

papers [FJ97, vdHSW98]. Para [BR16].

Para-orthogonal [BR16]. parabolic [AP16, ADK94, AES15, ADFR18, AMC02, AA1+93, APJ10, AED12, BKM13, Ben17, BC08b, Bog12, Bog16, BJO3, BJO6, BCS06, CS94, CX01, CL10, CL01b, De05, DSSC13,
ELCWS98, EL94, FID18, FHK05, FM95, FJS99, GQ98, Gol00, GDS+15, Gon06, HZBM05, HKO12, HM01, HP14, HW04, HO05, IVA93, JCSR03, KL98, KDAK13, KS07, KZ13, Le 12, LW95, LOM98, LO95, MS03, MVVA09a, MS90, Men91, Moo95b, MD96, Now96, OS08, OT02, OTK04, Pap17, PJB04, RC18, Sch87, Sch95b, Sea09, SB14, SWW16, SD09, SLZ10, Tau09, TV91, VSG17, Ver96b, WM04, Yu99, Zho17, ZK00, Zuu95, Ant13.

parabolic-hyperbolic [GDS+15, Sea09].

parabolised [BS08]. Parallel

[AB09b, BOEP00, BDF94, BS92, BTDV10, BMT93, BT98, BF95, Bur93a, BT00, BC95, CSXL14, Con98, CP17, Der92, DF96, FLO+97, FY99, FPS15, GM93, HH10b, IM02, Kie95, Kim95, MW93, Mic95, Mie89, Nak05, Ore93, Pet92, PV93, SK97, Sch91, SH10, Ste05a, WSP04, YH07, ZC91, ZX09, vSC92, vC93, van93, vdHMd99, AT93, AB98, BN99, BC95, BMR+17a, BRSD01, Ben96, BNH01, BT02, BTP96, BDFV95, BS91, BT93a, BT97c, BDF96, BS00b, CKB13, Chr96, CM07, CX08, CPR93, Cve02, DdSF07, DVV93, FL93, FL01a, Fre91, Gen10, GY94, GGM95, Hab08, HY02, HV91, J´ez99, KG90, LS99a, LYO199, LN92, Nuo95, OP04, Oos95, PSB91, PSSW02, QR03, Qu96, SW95a, SWE05, SW90, SK91, SCvdH92, Son93, Tsa91].

parallel [Tsa92, VG04, VS94, VP91, WKP12, WWS+93, WCGW95, Zar99, dH95, dDF+94, de 92b, de 95a, dv95a, de 95b, vs93, vsv96, vvdv97, vdsdH95, dh95].

parallel-iterated [CM07, CX08].

Parallelism

[Che88, CX93, KP07, Doi91, Gae93, SD93].

parallelizable [Kim94]. parallelization [Jun97, RRMJ12]. ParallelogAM [AB98].

Parameter

[BBV05, BP92, KK06, OS08, San18, SWJ09, SSW04, AMV03, AD04, BO04, BR94, Deh01, DT89, Eir99, EG88, FHM+02, GOP06, Him97, LN08, MCS06, MOSW00, Neu88, Sim10].

parameter-uniform [FHM+02, MOSW00].

parameterisation [CM04].

parameterization [Gar05, LG02].

parameters

[AB09a, ABP95, BAP+06, BD07, BBCS05, BCMV03, BS00b, Cat10, CJL13, HK09, MW93, Pul09, WL09c, Zar17, ZFX17].

Parametric [GBF99, Lo06, AGKK94, BP85, Che16, GS99b, LS07a, Ren14, SC11].

parametrisation [GLM09]. parasitism [NH15]. Part

[BV94, Mur99a, BO11, GGO16, Ioa89, Kru99, XB14, BDDV12, CY05, DGN12, GPHAM12, JLLH13, LFS15, Mur99b, NRR06].

Partial [BGHR12, BGH+15, Luc05, Pet87, Rei85, AM90, AM00, AMC08, AF89, ARS97, BHJ05, BHHJ06, BKP09, BRRS15, BtTBV87, CSS87, Cha98, CL01b, Dat99b, DS05, DMGVO05, FID18, FL93, GVP93, GM17, GN86, GGO13, HP18, HR96, HL89, JZK06, JMY10, Koz94, KP15, LHHHR4, Lay90, LW18, LYK17, LS98, MT11, MZK05, MT06, Men14, Olv92, PM05, PAJ12, PT15, Pred90, PG02, Pul09, RA05, SS08a, Sur05, Sch87, SD13b, uIVS13, SG17, TN16, Tan93, Tho85, Tia15, TS08, TDPU17, TV91, Tro93, VC10, Ver96b, WSS97, WdG92, YDWW17, dDF+94, tV87, vSW90, van96]. partially

[GLMY17, HP97]. Particle [CKM15, MP85, CDD00, Cat10, CK06, GS15a, LL06, Nic86, SKR+16, Tow16, ZML+12].

Particular

[PCA10, Pre95, ZFT92]. Partition

[CCD+17, BSP04, Mit97, PPS05, SH10].

Partitioned [BD17, CH95b, DM11b, HR06, Rec03, WGKS12, Wen98]. Partitioning

[DS02, HW06, BSW93, FL93, GY94, RP01, TD09]. partitions [DS97b, LMS09, PSP05, PSP04b, S ST09, ST15]. partnership

[HL97]. parts [Str98b]. passing [BC99]. passive [CG13], past

[CRTU15, LMS08, PP00, TOCV02, Son00]. Patankar

[BDM03, KM18]. Patankar-type

[BDM03]. patch [LSGK15, VR01, ZY14].
patches [WM08]. path [LDIW16, RP01, SZ99]. path-conservative [LDIW16]. path-constrained [RP01]. path-following [SZ99]. pathology [AQ00]. Patrick [PSR04]. patterns [Huc99, NMSF94]. PC [CM07]. PDAEs [LD02]. PDE [Chr96, CD18, DKK94, MR92, MSS+15, PR09, SSV89, Sch96, VG04, WYP12, Zha96]. PDE/stiff [SSV89]. PDEs [AAI+93, AC16, BV94, BKW06, CKM15, Dia95, GLPW09, GPPR12, GPHA16, IVA93, Lua17, Toc01, Wal00b, Zeg97, Ber04, Ber05, CMCGTR02, GGR97, WK04].


Schrödinger [BOEP00]. simulation [Min87]. Spectral [BTDV10]. symplectic [LX08]. transaction [FKV01]. pencils [AA94, AT13]. penetrable [BBL15]. penetrative [Tse00]. Pereyra [MP98]. perfectly [DK14]. perforated [CL08]. Performance [BSDG09, Gy94, LS07b, MRV93, WT08, BMR+17a, BDP96, CB99, Dea11, Du11, Fre91, Gen10, HD04, JIJK, MMBB07, SL98, Win92, van98]. Performances [CCM17, CG03]. performed [BCE04]. Periodic [GM85, BKP14, BDKM92, BO11, BMM97b, BMM97a, CDP17, CCF04, Con99, DG10, DBJ95, FJ09, GIl88, HJ17, Jac88, Lem88, Li00b, MN08, Nes16, Ngu15, NT16, PPS10, Pat98, Sid14, SvdHN86, SS09, VVD95, Vic92, Zha94].


perturbations [BT94]. perturbative [Cat10]. Perturbed [RSL89, RE85, AL98, AM10, BM00, BO04, BBR97, Bog02, Cum95, FW07, FJ09, GGGF02, GOG06, HL99, Kau95, Kau97, KS04, Li00a, Li01a, LT01, LM02, LW95, MF99, MOSW00, MPT16, Mus11, OS08, OQ15, PXM16, Pap95, RK08, RC18, RT05, SK16, SWW17, WY08, YZ17, Zar17, ZCZ15, ZL18, ZLG15, ZX14]. Petrov [DM09a, MS13, AD08, BBR97, DGN12, GJ08, KDT17, KNN03, RP17, Sac93, mWyG00]. Petrovskii [BFD07]. PGEM [ABF09]. Phase [JK17, Boz11, CH15, ER07, GH16, GOGF03, KSMM16, KN01, LL98, LY08, MR06, Pat00, RZ15, Sch16a, SY08, SS09, TCCW99, TK11, Wag98, WM08]. Phase-field [JK17]. phase-fitted [Pat00]. phase-lag [SS09]. phenomena [PI09, Ven15, ZG92a, ZG92b].

LSY17. pieces [WWS+93]. Piecewise [PGS10, RF16, Bec18, CL14, DS17, GVSL96, LZ17, Pic15, Pla08, Sti03, TLO7, ZWL11]. piezoelectricity [MI04]. PIM [dH95]. pipe [DM09a, RR00]. Pipes [hYK86, TT03]. Piskunov [BFdO07]. pitching [OK98]. pivoted [HPS12]. pivoting [GP93]. placement [YK04b]. planar [BF01, EM05a, EM05b, Gab02, RA99, SK01]. Planck [Van92, jWyG08]. Plane [PGM86, LHC09, MM02b, Mik97, MˇS99b, PA18, Wan05]. Planewave [NS13]. Planning [MZ87]. Plasma [DRC85]. plastic [HS07]. plate [BL94, BH12a, CM09, yDqGnJT09, Fai00, HLC01, KX03, YTZZ18]. Plateau [Har09]. plateaus [CCS02, KK06, Lam13, NMSF94, QR03, We18]. plotting [FH04]. plug [FMSV07]. plus [Haa97, LY01]. PML [CWM09, Kim14, TY98]. PMLs [BP12a]. POD [DA18, YV17]. Poincaré [DLM05, Hau88, Lev91a, WE99]. Point [Pot85, SM85, AD99, Ano87a, AL05, BM12a, Bec18, BCC16, BB10, Ca03, Ca07, Ca09, Ca10, Car99b, Cas96, CW98, CJL13, CL07, CC08, Cui04, DJ10, DMGV05, DMGVPO09, DMPSC16, EHM01, Elm02, Gil10, GVP93, HK03, HM09, Ius97, Jac93, Kat89, KS10, Kor95, Lyn92, OG08, OGV92b, OGV92a, PPT02, RV05b, Sin04, She99, Ste97, Wan07a, Wan11, Wei10b, WG11, WYP12, XZZL15, YP18a, YP18b, ZZW97, Zha07, Zup03]. point-like [CJL13]. Points [Eis86, Bal00a, BE09a, CN15, FG13, Gil91, HM09, HS95, Maj17a, DE18, Nov03, Oji88, SSP04b, SK10, SL08, Wai98, WT08, Xu16, YT03, YDWW17, ZSJ04]. Pointwise [Len00, Wei9, ZMC13, BSZ15, Fra14, TM04]. posedness [WW05]. Poisson [AO91, BSGU94, BS14a, CHPV09, EK06, HLY04, HLZ06, KRKB16, LX08, LHWF08, LW07, Phi91, RV04, She00, Zhe07]. Poisson-type [AO91, She00]. Poisson/symplectic [LX08]. Polar [SST09, Kwa09, She00]. Polarizations [SR88b]. pole [Jad94]. poles [SMJ12, SL01a]. policy [RF16]. pollution [AVMVMV09, Bou16, DS03, TM04]. polydisperse [MM14]. polygon [AM10b, CK10]. polygonal [HR97, LHWF08, PR09]. polygons [CF18, LD10, VMS07]. polyhedral [RA09, Yos00]. polymer [ABP95]. Polynomial [BSZ99, BDV17, Pul09, Pul12, Rus95, SW98, AA04, ADSS17, BM04c, Boy06, Boy07, BS09, BO11, CP94, CJL13, Che12b, CS17, DJJ+15, GVSL96, GJ17, Han06, HL08, Iva07, JBLC11, Kid90b, KY117, Mar99b, MN03, MQ03, Mie89, Nov03, PH91, Pla08, SD13a, SZ12, SZ17, Win01, Win04, Wu03, ZWK15, de92a]. Polynomialization [Boy07]. polynomials [AMT17, AyLqW18, Alt85, ADG11, BR01, Ber05, Bor10, BWY17, Boy15, BRS16, Bre91, BDRZ04, BDMGV005, CMR12, CKM10, DGV09, DR01, DMR10, DIR13, DB08, DM97, DJM09, FRV11, FR18, GSW09, JC94, JJ15, JT09, Jou05, KP92, Lee10, LY01, Mar94, MM02a, MG79, Nap16, Pat98, Per03, Sin04a, TJK18, dACR10]. polynomials/functions [GSW09]. polyvalent [CMR94]. population [AM95a, AM13, AL04, Ay09, LS16, QA+14, SH97]. porous [AKT97, BM04a, BM04b, BBL02, CCK03, CML05, Cla013, CD13, EH07a, EWW99, FBS09, GJR03, HJ09, HCW16, KT05, KMR09, MK14, MCM12, SR88a, SY08, ZYSZ14]. portable [PSB91]. posed [CRS05, EG88, Kli15, Lie01, Luc95, MRH14, Sam94, XXQ17]. posedness [SSZ16]. position [CM06]. Positive [BW95, Ca07, BDBCBBP10, Ara99, BRBM08, BBKS07, Ca001, Che12b, CL08, DL01, GP93, GP04, GP17, KCB02, LHu02, Lu98b]. Positivity [BK12, Hor98, Ber04, Ber05, GM87, HK012, Hor05, KP03a].
[BSZ15, CCM02]. Post-processing [BSZ15].
Post-projected [CCM02]. Posteriori
[Rei85, AS05, AB10a, AOW94, AR18, AP08, AM16a, BLS94, Bac14, Bac16, Bac17a, Ban97, BS14b, BCS17, BM13, BBG14, BRVC09, BC04a, BHR05, Bör12, CMP03, CCS17a, DDP12, EG88, EFLF09, FH10, GHP09, GHT05, Joh01, JM94, KDT17, Kim07, Kim12, Kwe00, LCHR03, LS12, LY03, Mool94, Neu88, Roz05, SS00, SZ09, WH13, XL11, YSBL14, ZCZ15].

postprocess [dFN00]. Postprocessing [CJX11, GANT02, YS09]. Potential
[Man96, BP85, CHPV09, CJL13, DD97, DS97b, FJP17, KK02, LWD99, LN08, ST14b, VZ93, dRT99]. potentiality [BT97c]. potentials [AES15, AEMX17, CCP04, EP15, FvdMS17, Gia12, Kan00, MZZ17, RV15, RS05, RU15].

Powell [BFGP08, LMS09, MB10, PT09, SST09, SST15, Spe12]. Power
[DRC85, BL06, CFV10, CL88, Lon88, Mat91, ST09a, Wen10b, Win04]. Practical
[Iga85, CK06]. Prandtl
[CMP06, FHM02, PR89, RLSS06].

Preconditioned [WW07, AGJ12, AG05b, CR05, DW00, HYV91, YG95].
Preconditioner
[BTMT08, Aro96, BLY17, BG11b, BCS16, DO95, DO98, Dor91, Fu99, GS92, HY02, HvHDV10, KK07, KM16, PM03, SWX00, Ste97, Wan05, WCX10].

Preconditioners
[Elm02, AK09, BT99, BS10, Buc17, Cai15, CR05, Cao07, Cao99, Cao10, CES91, CH01, DiSHF07, DJ10, EVO04, EVO06, GGM07, GCP91, GGR97, Haa97, Kos02, MB10, MD96, NR14, Osw97, PS09, Sim04, ZNK02, de 95a].

Preconditioning
[AES13, KK09b, NRZ12, OKS10, San03, AS15, Ba96, BT93a, CD18, DB97, DDS89, DSSC13, Gen10, GKM09, Guo96, HLMP09, Huc99, KJ99, ML91, Muf00, Not99, SW98, SH02, Tur93, WZ02, Zha00].

preconditionings [BD85]. predator
[CL02a, Wan09]. Prediction
[Bre85, Cat10, YH07, ZHJ14]. prediction
[ZH14]. predictor
[ASC03, Bur91, CXZ15, IM02, JL91, LLL12, Wai98, Zla85b, de 95b, vC93, Bur93b].

predictor
[Bur91, JL91, LLL12, Zla85b, vC93, Bur93b]. predictors [HR06]. Preface
[AMT05, AGH+10, ADG+16, An00f, An00g, Ano10, AM05, AM08, BG14, BVL09, BC94, BRZ10, BR09, BGHR12, But94, CPS02, CP03a, DF+17, GHR06, GCJ+12, GKS04, HHV03, HKNV16, Jac06, JRS14, LST07, PS04, PS05, SW95c, SG02, SW02, SVSW05, SVAW09, Spi03, Spi04, VS04, VHAW92, trDvdV91a, trDvdV91b].

preferential [QAE+09]. prefractal
[BBV13]. preliminary
[QLL08].

prescribed [Tol04]. prescribed-order
[Tol04]. presence [Maj17a, Neu88]. present
[Son00]. Presentation [KW12]. presented
[Wen10a]. Preservation
[HXW15, Rei99, BMQW16, Ber04, Mat08].

preserve [Rob10]. Preserving
[Ber05, ABK12, AB14, BK12, DLP06, DF92, Gje07, HK02, HMT03a, HMT03b, Hua09, JK14, KGR08, KT05, KMG09, KP01, MDP10, MDR11, NBNTG11, PA05, VL08, ZM17].

pressure
[BC01, CK95, GP00, GPG02, GS18, HLV0, KS02, LA11, LY16, RBC02].

pressure-velocity
[LY16]. preventive
[KN08]. prey
[CL02a, Wan09].

prey-predator
[CL02a]. prices
[LL15].

Pricing
[ZO14, ALY03, AD99, BAD13, BNN06, CXZ15, CPD10, FV01, GGO13, KKT16, RP17, ST11, ST14a, TGB08, ZW09, ZGO12].

Primal
[AP16, dRT99, BSZ99, Car09b, HMW05, MDT05, Par04, S99].

primal-dual
[Car09b, HMW05]. primitive
[GGRN17, LLL8, RG05, RM12].

Prince
[EL97]. principle
[CL01a, FHK05, SG16, Tad86, Tol03, Vej10].
**Priori**

[Blw02]. probability

[Bd07, Dnw18, Shy91b]. Problem

[Blw02, Yk09, Amr18, Bb15, Ahs03, Ant13, Ac18, Al98, Ak08, Avm03, Ap08, As00, Aflg+12, Bf01, Bbd18, Bm13, Bgg04, Bm00, Brs05, Bn02, Bgm+09, Bbcs05, Bly16, Bis11, Br94, Bjo0, Bz11, Bs97b, Bp85, Bs15, Bsp04, Bp95, Cfra08, Cl08, Cn08, Cg03, Ckp15, Cmp03, Cx01, Ch07, Cjx11, Ch04, Cpf03, Cf05, Cf13c, Cf14, Ca15, Ca16, Cg14, Dy17, Dt15, Du11, ydqGunJt09, Em05b, Ew08, Fhm+02, Fe93, F15, Fb09, Fh10, Fer93, Fer96, Fbm17, Ffq09, Gs15a, Glv06, Gmm09, Gms12, Gs18, Gop06, Gl17, Ggg16, Guo00, Hs07, Hlz14, Han87, Har09, Hilk13, Hj06, Hk85, Hx11, Hlc01, Iv16, Ius97, Jp08a, Jes93, Ks91, Kpr06, Kim94, Ks09a, Knp16, Kkn+17, Ks01, Ks04, Kcw16, Krkb16]. Problems

[Kw93, Kwe01, Le12, Ll98, Lei02, Lpz00, Lma18, Lw18, Lo03, Lk07, Lll12, Lyy15, Lp01, Luc95, Mg00, Man97, Map05, Mnr14, Mn03, Mat05, Mm02b, Ms08b, Mosw00, Mol95, Mcm12, Ns03, Ns12, Ny13, Nja88, Qo15, Ps00, Pic05, Por17, Qc12, Ql15, Ram96, Rsl98, Rtu15, Rbt15, Ssz16, Sgr88a, Sel14, Sc08, Sk01, Sto96, St08, Tia15, Tt03, Tm15, Vsg17, Vr01, Ww05, Wn12, Wl16, Wq17, Ww14, Wt17, Wu09, Yl10, Yl13, Ztz15, Zar17, Zg92a, Zcz15, Zhe07, Zho17, Zho18, Zou11, yBvdZdB08].

Problems [De88, Gus88, Per88, Sm85, Alm01, Ap16, Al09, Ab97, Ag12, AlyLw18, Aes15, Aemx17, Amc02, Amp03, Amcr17, Ab09a, Amv17, Amr14, At93, Ad99, Ag05b, Ac08, Ap10, Aug89, Abg+15, Asm14, Al05, Bac17a, Bac17b, Bc12, Bs14b, Bls+17, By00, Bar09, Baz03, Bec18, Bbv05, Bnh01, Ben17, Bco8a, Bgg12, Bco4a, Bdf89, Bw96a, Bct16, Bw97, Bco8b, Bic16, Bcc16, Bgh08, Brm17b, Btmt08, Bkp14, Bs97a, Bla00, Bbrs97, Bbd08, Bog00, Bog12, Bmmz06, Bos09, Bb15, Bp90, Bjm01, Bt95, Bt98, Bm09, Bj01, Bj03, Bj06, Bur93a, Bt00, Bus06, Bcs9c, Bs00b, Br05, Bd17, Cah89, Crs05, Ca03, Ca07, Ca09, Cao10, Cfp97, Cl85, Cas96, Cw98, Cm02, Ca06, Csa94, Cpa05b, Ces91, Cm00, Cp07, Che96, Cr05, Ck98, Cco4b, Cz04]. problems

[Cy09, Cl10, Cm14, Cm05, Cmk12b, Chn17, Ch13, Cjls98, Cg16, Con99, Cn17, Cui04, Dz12a, Dppr16, Ddh97, Ddp12, Da18, Dw15, Ds07c, Dmpsc16, Dsw96, Ds15, Dp90, Dyo3, Dl06, Ehm01, Elm02, Ecb07, Eg88, Egl09, Eh06, Ew91, El94, Ehgo1, Fms18, Fw08, Fh05, Fl05, Fd97, Fhm+02, Fsdb02, Fmp04, Fra04a, Fgo9, Flr08, Fra14, Fra94, Gaml04, Gmz11, Gmg02, Gmg04, Gen10, Gao9, Gs89, Grll01, Gpmp03, Gml00, Gm06, Gh02, ygpY09, Ghf00, Hbo8, Hjs97, Hko12, Har98, Har10, Hos99, Hm01, Hs04, Hw06, Hmdv03, Hk93, Hm00, Hig93a, Hl02a, Hin95, Ho05, Hos11, Hy01, Hcx03, Hbj09, Hw05, Hl16, Hk90, Hsy18, Io18, Iga85, Imo00, It16, Jj94, Jpo8b, Js09, Jso9, Jk14, Jr02, Jscr03, Jnp03, Jm94]. problems [Jv09, Kdt17, Kst89, Kg90, Khe91, Kmi07, Kl15, Kl09, Kkw00, Kcc04, Kpo3b, Km11, Kk02, Kur98, Kas17, Lh96, Lw07, Lhc09, Lrs09, Lv12, Lkv01, Lau17a, Lee94, Lei99, Lfb00, Lio0a, Lio1a, Ly08, Lmw10, Lw17, Lllc17, Lt07, Lc99, Lmsw17, Ls07a, Lx09, Ls99b, Lt01, Ly03, Lcj12, Lt05, Lmp99, Lt93, Lmg02, Lah09, Lx15, Lw95, Lom98, Mhi16a, Mos02, Mki14, Mki14, Mao9, Mos3, Ml16, Marq4, Ms00, Mat86, Ms90, Mat09, Mel08, Mr01, Men91, Mv18, Min87, Mvh14, Nap16, Ngu15, Nb01, Nfae03, Now96, Os08, Ot04, Pzmx16, Pap95, Pap17, Pea16, Per99, Pa91, Pv93, Ppc00, Pb04, Pw00, Pul12,
RP01, Ram94, RK08, RV04, Rha99, Ric08, RV09, RV05b, Ros93, RU07, SST04, Sac93, SAG86, Sam94, Sch93, Sch09, SKAW12.

problems
[Sch16b, SWE05, Sch95a, SWW17, Sha98, SLJ11, pSLqJeY16, SWW16, SJ11, wSJP15, Sim04, SD09, SKW17, Sol15, SW85, Sub04, SvdVdO6, SL01b, SW05, TL07, TDC13, TLV92, TK05, Tsy98, VO00b, VV02, VV95, VS94, Vej10, VBH96, VSeYD02, VD02, Wan07a, Wan07b, WCCX10, WL90c, Wan11, WZ14, Wan17b, WCSQ18, War92, WWLS08, XFLC00, XC85, XXQ17, YGY15, YSBL14, YZ17, Yua93, Yua99, ZG92b, ZL18, ZL91b, ZL18, ZCC11, FG96].

Procedure
[Pot85, BFA93, BS94b, CKB12, DSZ15b, DSZ15a, HP15, Kim94, LR87, Par04, SW85, TK05, ZQLK11].

procedures
[BSZ15, CIJ17, FS05, GGO12, GGO16, LP97, Nor97, Rha99].

Proceedings
[Ano02g, FG96].

Process
[Bie87, BF17, BRZ10, BKP15, KL87, LYY15, OR18, PG01, RW87, RSD96, Zha96, ZG01].

processes
[ABD16, BLM17b, CKB13, KSSS16, LY17, ZO14].

processing
[Alt85, Bla01, BCR01, BSZ15, CF13a, Duf90, JP17, LP97, Nor97, Rha99].

Procrustes
[FBM17].

Product
[TMD92, AAD14, BS05, Fuj99, GCHR06, GVSL96, GKA17, MN03, MC17, RG02].

production
[BDM03, KN08].

products
[GI91, Goo00, Go09, GFB99].

Professor
[CHM09, EST15].

profile
[BN03].

profiles
[CDV00].

program
[HSW99, HS02].

programming
[BSZ99, Car09b, EB12, GS99b, GT02, GL17, KS91, KS10, LLS96, LL97, MM16, Ren99, SZ99, VB99, Zha07, ZK02].

progressive
[EW97].

Projected
[TMM15, CCM02, KP03b, SS12, Yu08].

Projection
[dAF17, AMR14, AL17, BJ02, BLW07, BS91, Cai15, CM97, CK13, GV04, Guo15, HL08, Kan89, KL09, KR18, LA11, Mat09, Min04, SEGV02, Tob14, YC16, YLS99, Zha14, ZHJ14].

projection-based
[CK13, YC16].

projections
[CH87].

prolate
[BDG90, FRRT10].

prolongations
[Ste08].

prone
[KN08].

propagating
[RA09, SM13].

Propagation
[AL87, DE06, GUS88, AD15, AD01a, BOH03, CH89, Den07, FS01, GL93, IJ14, KS89, KE16, LFL14, SP16, Ven15, Vic87b, Vic92, WAG85, WEC01].

propagations
[Son91].

propagator
[NW09].

proper
[DA18, LZY09, SG09, SLZ10, WM07].

Properties
[GVSL96, ARG00, AE11, BN99, BF92a, BZ92, BT97, BRE85, BT93b, Bru85, CI12, DIR13, EGL09, Gia12, Gil10, GS15b, GS05, GRIP03, HLMK06, IM98, JZV96, JVZ97, LBCN00, MCM12, PHI87, RZ04, Riv09, Sch93, S89b, SLG17, TJK18, WW99, XFLC00].

property
[CMS04].

proportional
[AD99].

Proposed
[Mac86].

Proteus
[Aya09].

Prothero
[Ran15, Ran16].

proximal
[YP18a, YP18b].

proximity
[Zha07].

PSBLAS
[DDSF07].

PSBLAS-based
[DDSF07].

Pseudo
[RZ04, ST86, Boy15, Con01, CX08, HS17, HS09a, Hua15, HHI10b, MKS12, PBC08].

pseudo-penalization
[BPC08].

pseudo-RBFs
[Boy15].

Pseudo-Schur
[RZ04].

pseudo-spectral
[HS17, MKS12].

Pseudo-Time
[ST86].

pseudo-transient
[HH10b].

pseudocompressibility
[SHE96].

pseudorandom
[PG17].

Pseudospectral
[BMV06, HT00, AT15, Aug89, Boy91b, CD00, DDS89, DLH00, EES05, ElG17, Fun90, GT93a, JR00, KS09a, Mar93, MZK05, TX81, JWY08, JWY17, YH00, ZL11b, ZK00].

Publisher
[May04m].

pulsar
[Ter03, TCCW89, XG05].

pulse-spectrum
[TCCW89, XG05].

pump
[RVD00].

Pure
[BB15, Usm98].

purposet
[AA87].

pushbelt
[SUP+12].

put
[ALY03].

PVM
[Mic95].

q
[MM02a, Pav00].

QED
[Sus10].

QMR
{Cao98b, FN95}. QN [Ree03]. QR [GS08]. Quadratic [FS88b, Han06, HLOa2a, IO18, LMS09, LT05, RS14, SE93, AHR12, Bic16, Bra00, CL07, DW00, Eir95, EB12, GT02, HXW15, HMW05, LP00, LL02, LF15, MMP09, RL86, SST09, SST15]. Quadratic/linear [IO18]. Quadratic [FS88b, Han06, HLOa2a, IO18, LMS09, LT05, RS14, SE93, AHR12, Bic16, Bra00, CL07, DW00, Eir95, EB12, GT02, HXW15, HMW05, LP00, LL02, LF15, MMP09, RL86, SST09, SST15]. Quadratic/linear [IO18]. quadratically [YP18a, YP18b]. quadrilaterals [BSGU94, GHT05]. Qualitatively [Pru00]. quality [BGG12, BS96a, CGCMTR02, Zup03]. quantification [BF17]. quantum [CCP04, JT06b, Lu04]. Quad [BDRZ04, CPP02, Gar05, JJ15, Lem02, MD06, DE18, BWY03, BRIP08, BES18, Car94, Chn03, Cop03, CA16, Fre91, GMZ11, GLV06, GS05, Jou05, LMS09, LMP99, LD02, RR14, SST12, SST09, SST15, SW09a, WZL13, WW14, WK12, BMR17b, BLM17b, GM93]. Quasi-Birth [BMR17b, BLM17b]. quasi-boundary [WW14]. quasi-cell [Car94]. quasi-consistent [WK12]. quasi-geostrophic [WZL13]. quasi-interpolants [BES18, LMS09, SST12, SST09, SST15]. quasi-interpolation [BRIP08]. quasi-interpolatory [GS05]. Quasi-isometric [Gar05, Chn03]. Quasi-linear [Lem02, GMZ11, LD02]. Quasi-Monte [MD06, DE18]. quasi-Newton [Fre91, LMP99, SW09a, GM93]. quasi-nonnegative [BWY03]. quasi-orthogonal [Jou05]. Quasi-orthogonality [BDRZ04, JJ15]. quasi-static [Cop03, CA16, GLV06, RR14]. quasilinear [Ben98, LL98, Sch87, Vui92, ZLG15]. Quasistatic [CFK07, WAV12, CFRA08]. quenching [LTT07]. quintic [DS17, Spe12]. R [BE99, WSC09]. Radau [AC96, BIM15, GPHA16, Wel10a, Wel10b]. Radau-IIA [GPHA16]. radial [AT15, BAd13, BG11c, CPZ17, Jun07, JD09, KKT16, Sar05, SJ11, Sim91, uVS13, TLSS09, XB14, ZT06, ZHL03]. radiation [CAAT16, HG98, NC16, OMP98]. radiative [SK97, Vas17]. radiator [IV16]. random [BO87, BJ02, BF17, CS09, Che12b, DFC09, HP18, Lav94, Pul09, SZ12, Z17, Ssic99, TD09]. random-data [TD09]. Randomized [JLL90, OP04, PM14]. randomly [DH12a]. range [Auz03, CBD16, Eva94, EC07, Has13, JP08a]. ranges [Sp93]. rank [BDL17, Baz03, BHSW16, Ben02, BMR17b, Dor91, DSS15, HPS12, HR14, Hey10, Lai09, SY07]. rank-deficient [SY07]. Rannacher [GKMS09]. Raphson [JLL90]. Rapid [LR93]. rapidly [DC09]. Rate [ND85, Pre95, Ssc13b, AL05, KGR08, Maj17b, Mar09]. rates [BFK11, CHS17, KN08]. ratio [Pic05, Wan09]. ratio-dependent [Wan09]. Rational [AM00, CPD+05, AMCM09, BFK11, BGVHN10, CAD03, CLS04, CV88, DBCBPP10, DBBH14, HA16, IO18, IN89, Iva07, JM05, Lu08a, MN08, OGV92a, PA91, RL86, SYG+05, WT03, YR92]. rational-Gauss [DBBH14]. rationally [Sch93]. ratios [AR93, CJM88, ML91]. Raviart [BC08b, Bra00]. ray [SSW04]. RBF
[BB10, CGGM17, GJ17, JGK11, KCS07].

**RBFs** [Boy15]. **RC** [AKGR14]. **Re** [CM04].

**Re-parameterisation** [CM04]. **reacting** [TER03, dB03]. **Reaction** [GM85, ND85, ALMM96, ALMM98, ALMM01, AL98, ABR05, BJ02, BM01, BBRS09, BC08a, BC04a, BW96a, BFdS10, CFCH09, CdFN01, Chn17, Den15, EV96, FMP04, FJ95, GAML04, GV02, GPPR12, GPHA16, HW06, HS95, HV95, JT06a, KC03, KCJP01, KOW05, KL09, KS04, LW93, Lan95, Lan97, Li01a, Liu09, LO96, MMKN17, MG18, MOSW00, PS09, wSJP15, SG09, SG07, SW13, Str98a, TH09, TMM15, VVR08, Vej10, Wan01, WL09b, Wei99, Won08, ZdB03, ZCZ15, VK17].

**reaction-diffusion** [ALMM96, ALMM01, BM01, Chn17, Den15, EV96, HS95, LW93, Lan95, Li01a, LO96, MOSW00, SW13, TMM15, Wan01, ZCZ15].

**reactive** [CGJ16, KW98, KCC04, SW05].

**reactor** [MA09]. **Real** [LT07, MZ87, BC99, Boy06, CKL03, DO17b, DMPP99, Gla94, JJ15, KCB02, Ore93]. **Real-Time** [MZ87, LT07]. **realization** [HSW99]. **rebate** [BP14]. **reciprocity** [BGH08]. **Recognition** [SS17]. **reconstructed** [DL16]. **Reconstruction** [CPZ17, CGGM17, GOGF03, ABJ12, CH87, CdCV03, DH12b, DSZ15a, KHM+14, Kim12, LYY15, RS09, San03, SL17, XZL07, ZC91]. **Reconstructions** [AN15, BM04c, BL06, MS08a]. **Recovery** [Sch08a, BB94, BG050, LN08, Nke07, ZY14].

**rectangular** [CYM09, HS97, PH91, ST08, WM07].

**Recurrence** [Pré10, BRS16, Leo10b, Lev91a, TJK18]. **recurrences** [Ca09b, WW99]. **Recursive** [FS88a, MST07, BCSH16, Koz94, SST04, SS10]. **Recycle** [WSC09]. **recycling** [SSX14]. **Redistribution** [Eis86, AGM95, DPPR16, RN04]. **Reduce** [WSC09]. **Reduced** [Dal13, Roz05, AW09, Bai02, Boy91a, DF11, DA18, DS03, Dor91, DSS15, HMDV03, LZY09, MH14, PCRR17, SLZ10].

**Reduced-basis** [Roz05]. **reduced-order** [Bai02]. **reducible** [Der92]. **Reducing** [RB12, dv95a, DS02]. **reduction** [AMC02, AMCR17, AFLP12, BMR17b, BCWJ17, CH5b, CHZZ06, Cha17, Dalh02, DY03, HK09, JLFH13, KCVW16, LHO13, MVG14, MPTM16, PB04, SMJ12, Sch96, Sch89, Sim98, SSvG10, WM07, YV17, YT03, dG91, dR19].

**refinement** [MPTT17]. **reference** [BN03]. **Refinable** [GP04, CMP15, GPP04, GS05, GP17, Pei15]. **Refined** [SM85, BSGU94, BS96a, EL94, HMP14, Jia00, Jia02, Zha14]. **refinement** [AA94, AS97, AL98, AGJM04, AKL04, AKL08, AF89, BGM12, BFA93, DF96, FM95, HW97, JP17, LCHR03, MT05, Moo04, PC00, PPC00, RSK14, SS13a, TRO93, VT93, Zeg97].

**refinement/derefinement** [PPP00]. **refinements** [LH09]. **reflecting** [Deta11, GP98, SG00]. **reflection** [Vie87b, VS91]. **Reflectionless** [Pet00]. **reflections** [Waa88]. **reflectivity** [SSW04]. **reformulations** [PGP03]. **refraction** [An16]. **refractions** [Gro94]. **regime** [BAD13, RY13, Sch04]. **regime-switching** [BAD13, RY13]. **regimes** [GOGF03]. **region** [AMV03, BMM03, MPP09, On11, Ren14, SP99, ZH15]. **regional** [Bou14]. **regions** [CP05a, CMCGTR02, CSM07, DP90, NU15, Phi91, Yu99]. **regression** [DEPS15].

**regredding** [Fer93, TV91]. **regula** [CL07]. **Regular** [AFS00, Hig97, AR93, AAS94, Chn03, HP97, MOS02]. **Regularity** [JZV96, JZV97, XFLC00, AW09, BM05]. **regularization** [BFS17, DH12b, EG88, FFQ00, HSS04, HP010, Kii15, LPT16, Le99, Neu88, RSY12, San94, San18, SWW16, Sid14, WL09c, WZW13, XQ17, YL13].

**regularized** [AD01a, LV12, Lyo12]. **Regularizing** [Buc17, CH12, LN08]. **regulatory** [MLK06]. **Reissner**
[AH17, CO09, HHR12, Nov08, PWS05, Ran16, Wen98]. Rosenbrock-type [CO09, HHR12, PWS05]. Ross [AHT17, WMC09]. rotary [RVD00].

rotated [WCXL09]. rotating [TC03, ZB07]. rotation [Zan91]. rotational [AC18].

Roth [LW93]. rough [By01, CWM09]. round [FV85]. rotated [WCXL09]. rotating [TC03, ZB07]. rotation [Zan91]. rotational [AC18].

Rothe [LW93]. rough [By01, CWM09]. round [FV85]. round-off [FV85]. rounding [CH89, RB12]. row [BS91, SEGV02, GR93, GHW01, SW98, SBG09, WSP97, Wen05, ZX09].

ROW-code [WSP97]. ROW-methods [SW98, ZX09]. ROW-map [WSP97]. ROW-scheme [SBG09].

Sabin [BFGP08, LMS09, MB10, SST09, SST15, Spe12]. Saddle [DJ10, AL05, BM12a, Cao03, Cao07, Cao09, Cui04, Elm02, OG08, Sim04]. saddle-point [Sim04]. saddles [SSL93].

Saint [FCX06]. Saint-Venant [FCX06].

Sampled [RS09]. sampling [KK02, QL16].

sandwiches [NBP94]. SAOR [Yua03].

Satisfaction [PT09]. satisfying [BRS16, SG16, Str98b]. saturated [MCM12]. saving [LCJQ12]. scalable [DHS05].

SCS17a, CS03, Coo89, CSt07, CN11, CPR93, DJ12, De 88, DvV93, DS05, DR09a, DR09b, Dia95, DM11b, Duj09, Eir95, EH97, FS05, PS08, Fra04a, GCHR06, GM04, GJ00, GPMR95, GPMR03, GPHAM12, GML00, HZ96, Hig96, Hig97, HR06, HS09a, Hua05, HXW15, Ho98, Hor05, HEJ96, IRC12, IJ17b, Jac93, JZV96, JVZ97].

Runge [JKN94, Jay95, Kan93, Kan95, KCL00, KC03, KMG09, KS08, KW98, Kom07, KS89, KS09c, KKR15, KNO96, Lab98, LX08, LW17, LP97, LO96, LS05, MK99, Mur98, Ore93, Ost93, OT02, Pan07, Pat98, Pat00, PCR17, PJB04, PAJ12, PCRR17, Ran16, ST89, Sch02, Som86, Som93, Spi96, Tsi01, VDVV98, VV02, Van00, VZ93, Ver96a, Ver06, Ver96b, WGKS12, WYL11, WSW96, WX06, YC13, Zen93, ZZZL01, ZFZ07, ZC99, in 92, in 96, vSc92, vS93, vC93, vS96, van96, vSvH95, vB95]. running [CRU15]. rural [CCM17]. Rutishauser [AC10]. RWPM [HK93]. Ryaben’kii [Tsy96]. Ryaben’kii [Ano00h, EST15].

S [Mz87, Tsy96, DE18]. Sabin [BFGP08, LMS09, MB10, SST09, SST15, Spe12].

Saddle [DJ10, AL05, BM12a, Cao03, Cao07, Cao09, Cui04, Elm02, OG08, Sim04]. saddle-point [Sim04]. saddles [SSL93].

Saint [FCX06]. Saint-Venant [FCX06].

Sampled [RS09]. sampling [KK02, QL16].

sandwiches [NBP94]. SAOR [Yua03].

Satisfaction [PT09]. satisfying [BRS16, SG16, Str98b]. saturated [MCM12]. saving [LCJQ12]. scalable [DHS05].

[AKG14, Bac14, BP85, CP97, Die15, KKR15, Ric91, Tan01, TDC13, TA13].

scalars [MA04]. Scale [BHJ06, WBVM88, AB10b, Bani02, BMTR1a, BHS16, BT02, BJ11, Dat99a, Dw15, Ewi91, FTB97, FBM17, Gen10, GT02, Hab08, KM11, LP05, Lei02, LS13, LCQ12, MPG16, Per99, PS03, Pul05, RMK09, SM89, Toc01, van95].

Scale-invariant [BHJ06]. Scaled [GP93].

Scales [RMM12, Boy91a, JEG10]. Scaling [BLP01, BMM03, BSW96, CR17, SW09b, Wei09, dRT99]. scattered [BE99, CPZ17, DR93, LN08, PS02, PS03, ZHL08].

Scattering [FvdMS17, BBLT15, CVM09, CM14, CAAT16, DH12a, GAW09, HD04, HM86, HMP14, IT07, KJL12, KNP16, LGH11, MP05, Map05, Ngu15, NT16, QC12, QL15, Rat13, Tah96, VT19, WN12, WL16, WQ17].

scheme [AA05, AKG14, ACMR06, ABR05, AR15, ...]
APJ09, BF92a, Bar09, BK09, BrTBV87, BMMZ06, BP97, BRBM08, BBKS07, BC97a, BCS06, CGT13, CXNF14, CFS13, CNT07, CRU15, CCL04, CMCGTR02, Dav98, DGM18, DHH09, Duf90, DJJ15, FVGS13, FP02, FE93, GLLW14, GS94, Guo00, HK012, HS86, Hol01, HLMKZ06, HJKW17, HV89, Ito17, JK17, JN07, JT02, KS90, KD13, KW12, LDLW16, LPR00b, LMA18, LS99b, LSGK15, LLD18, LE94, LP01, MDP10, Mic03, MdD04, OR18, PKSB10, PGDB08, PD01, Pow94, RZ00, RT14, RK91, Ron96, Ros93, RO16, Sac93, SG16, SBBG09, SR07, zSW06, SG17, Tan93, TX18, TH18, Ton04, TDP17, Tow16, TY00, VDV95, VCC12, Wan07a, WS04, WG11, YYX12, ZW09, ZWH17, ZH18, Zha01, ZGL17, Zla85a, ZR15, tv87.

schemes [AC98, Aca12, AD08, AEMX17, ADFR18, AGM95, Ano87a, AM04, ACM91, BDMG12, BBRBS09, BCE04, Ben17, BC05, BM12b, Box16, BSvdV99, BO11, BL06, BLO8, CLT97, CCG13, CGA93, CW98, CC04a, CCS17a, Chi12, Chi93, Con04, CM04, CCS17b, DD97, DT10, DKK94, DMR18, DS13, EN09, Est95, FCX06, FG98, Fid17, FL01b, GX11, GHKM09, GPMR95, GRRN17, Gu15, HO10, HOEC86, Heg16, HW15, JL86, JL87, JTB15, JL94, KGR08, KMR09, KCL00, KOC3, KL07, KM18, Kna92, KR12, KKP17, KLSW06, LCGV01, LY10, MS03, MM14, MV18, NRR06, Pan07, QW04, Ram94, RV05b, RTU15, Rus95, ST14a, Sam94, Sch93, SUP12, SM93, SSS94b, SZE+92, Sid02, SDK15, SHG93, SLZ10, SGN06, Tal96, Tan01, TGB08, TZA13, Tol03, Tol04, TH09, Tou10, TJ12]. schemes [Tur86, VV02, Ven15, Vul92, WB03, YDWW17, YH07, ZM17, ZLG15, Zla85b, iW07, iV09, iW09, iM13, vSW90]. Scholes [AAM03, Bis11, jV09]. Schröder [CP94]. Schrödinger [ZCSH11a, AT15, AMS14, AMS17, BZ17a, BSV09, CGP15, CGG13, CJI13, Duj09, Ehr08, Fl03, GT15, GX11, GLLW14, GM16, HLMKZ06, HJKW17, HJL18, KLSW10, LZW17, MZZ17, MP11, MG97, Moe98, Sim91, ZCSH11b, ZR15]. Schrödinger-type [Ehr08]. Scholes [CA09, Cao10, CGS9, GM87, KMS10, RZ04]. Schur-complements [GM87]. Schwarz [AK95, CC18, DldSF07, DLR04, DSS15, Heu00, HH10b, KPK07, KFOF09, LH96, MOS02, Mai06, Mai09, Mar05, MOSW00, MLB97, NMB10, QLL+08, Wan05, WCXL09, ZT06]. Scientific [BJS12, CFTW08, LST07, MH89, MM16]. Scott [BL08]. scrambled [Sch08b]. SDE [AH17]. SDEs [DR09a, RO16, ZM17]. SDFEM [FLR08, ST08, ZMC13]. SDIRK [CPP02]. SE [QM10]. Search [DIJ12, Bur93b, Fer14, HP15, Sch99, SXP09, WZ16, ZH15, ZP12]. seawater [AMRR18, MNR14]. secant [CASM07, Nov08]. Second [AKG14, Beg00, BMPR15, FJP17, yGwWC05, ITZ17, TDP17, AH11, ABH14, AH15, Abu04, AB88, AT13, Bac17a, Bac17b, BRR05, BRBM08, BBKS07, BM97a, CA96, CZX17, CC99, DDD9b, Deo05, Den93, DC09, EM10, EH91, EH07b, FW08, Fer93, FG09, GOP06, GGR97, Guo00, yGpY99, Gwh09, HK012, HP18, JN07, JCN94, Kan89, KX91, Kin94, KKP17, KLSW06, KW10, LHHR94, LW17, LX09, LN112, LE94, LL02, Luc05, Man97, MVVA09a, MYSC17, Mis99, Moo04, Mur98, Nap16, RZ00, RT14, RO16, SJM12, Sac93, SV00, Ske89a, Sof17, SvdHN86, Ton04, VV02, VV09, WH13, WWX13, WMF12, WAV12, Wu09, XL09a, ZWH+17, ZFX17, iW09]. second-degree [Kin94]. second-mode [EH91]. Second-order [BMPR15, Abu04, AB88, AT13, Bac17a, Bac17b, BBKS07, CA96, CZX17, CC99, Deo05, Den93, EM01, FW08, Fer93, FG09, GGR97, HK012, JN07, JCN94, KLSW06, LHHR94, LW17, LE94, MVVA09a, MYSC17, RO16, Sac93, Ske89a, SvdHN86, VV09].
Secondary
section [IJ14, Lin10, Meh08].
Sectorial [Auz03, BG02a, Chn17, PGA93].
securing [GL93]. sediment
[BDES12, KDAK16], sedimentation
[Die15, MM14, RBT15]. Segel [MDRR11].
segmentation [BCM04, LK14, SMA01].
segregated [vdHVW01]. Segel
[MDRR11]. segmentation [BCM04, LK14, SMA01].
segregated [vdHVW01]. Seismic
[SR88b]. seismograms [Abr93].
Selected [FJ97, ND85, vdHSW98, KW12].
selection [BBPR05, BT97b, Fdi97a, HL97, San15,
S¨od06, WPL16]. selector [YP18a, YP18b].
self [GLS09, Gu15, RK08, Rob10, SL08].
self-adjoint [GLS09, Gul15, RK08, Rob10, SL08].
self-diffusion [GLS09]. self-mapping [SL08].
selfadjoint [HM01].
semi
[Bou02, Fat10, FMU15, GPHA06, KMR09,
Mar99b, Min04, Beg00, BB15, BC08a, BN03,
BL06, BH97, CGT13, CXNF14, CG16,
Cao01, CL09, DHI15, FVGS13, FD16, FR18,
GS09, KKP17, LWT07, Lay08, LMA18,
LX15, LRT99, MZZ17, ML16, Pan07, PP00,
RT14, SH09, TZA13, WL10, WC11, ZR15,
de 96, CF13a]. Semi-analytic [Fat10].
semi-axis [GS09]. Semi-classical
[Mar99b, Beg00, FR18, MZZ17].
semi-coarsening [LWT07, de 96].
semi-discrete [BL06, CXNF14, RT14].
semi-discretization [CGT13].
Semi-Godunov [KMR09]. Semi-implicit
[FMU15, GPHA06, Min04, Bou02, BN03,
CL09, DHI15, FD16, Lay08, LMA18, Pan07,
SH09, TZA13, WC11]. semi-infinite
[KKP17, LRT99, ZR15]. Semi-Lagrangian
[Bou02, BB15, BC08a, FVGS13, MZZ17,
PP00, WL10, CF13a]. semi-linear
[BH97, ML16]. semi-permeable [CG16].
semi-simple [LX15]. semi-stable
[GPHA06]. semiaxis [DO17b].
semiconductor
[AW03, BK12, MT11, ST05, YY13].
semiconductors [JT02, JT06b, Sac93].
semiconvergence [SW03]. Semidefinite
[Ren99, BSZ99, GS99b, Z99, VB99, dRT99,
ZNK02]. semidiscretisations [Sei02].
semidiscretizations [ALMM96, ALMM98].
semilinear [APJ10, Bog12, CL10, HKO12,
LS98, Sch95b, SD09, Tia15, Vu95].
Semilocal [AHR12, AMB17]. seminormal
[RSK14]. semiorthogonal [MB08].
semiperiodic [VVD95]. semismooth
[PGP03]. semistrip [DT15]. Sense
[BAP+06, ZAB15]. Sensitivity
[BB10, HO16, LPZ00, SMEN04, Toci1, BBPR05,
BAP+06, CHZZ06, FT97, GFB99, JLH13, LH ¨O13,
MP96, TLP18].
sensor [RSD+06]. sensorineural [BF09].
separable
[AMR12, BD17, GBDB97, SB14, SY07].
separated [Eng11]. Separation
[KL87, PM03, E08, Gus87, OK98].
Separation-of-variables [PM03].
September [Wen10a, vdHSW98]. Sequence
[Bak86, Ber85, BZ94b, BZ96, Brel92, Dra91,
Fdi97a, Gil91, GM94, Hua98, Lem02].
sequences [BL86, BKP15, Dés08, DJM09,
GGM07, Jéz04, JT09, Lav94, Mar99b,
Sch08b, SX14, TJK18, Wen10a, Zuu95].
sequential [BMGG12, BT97c]. Series
[GGS16, RB12, AR93, BP02, Bor10, BW15,
Boy06, Brel92, CFV10, CM06, CL88, DK11,
Gil91, HW93, JKN94, LG87, Lon86, Lon88,
Mat91, Mr05, Mro95c, Mur99a, Mur99b,
PCA10, Pr95, Sch98, Wen10a, Wen10b,
WB90, Woz10, YR09, ZJ10]. set
[CP07, DMH18, DLP06, FM07, FMU15,
GT02, GKL07, HWM05, KM11, MCS06,
MPG+16, Sch09, TL07, ZWL11].
set-oriented [MPG+16]. set/moving
[PH15]. sets
[CP10, Eng11, HP97, SL08, Zup03]. setting
[AD04, GC15]. settling [BCS06]. Seventh
[CFTW08]. Several
[KC94, CKM10, Dar90, Kid90a, Kid90b,
MDD14, Ros93, Str98a, Xu13]. SG1 [Zar99].
Shabat [FvdMS17]. Shading [CP06, GV04].
shadowing [HJ05]. Shadows [SSL93].
shallow [AQS94, BDMG12, Beh97, CFXZ06,
sintering [Zha96].

SISO [De 06].

Sivashinsky [AS04, Mar93].

Six [MS03, Bri85].

six-dimensional [Bri85].

Six [MS03, Bri85].

sixth [AHR12, BM06a, CHSS01, CST97].

sixth-order [BM06a, CHSS01, CST97].

Sixth [AHR12, BM06a, CHSS01, CST97].

sixth-order [BM06a, CHSS01, CST97].

Size [ALM04, AFS02, DS07b, Den07, GPPR12, HOS99, HLR01, Hor05, PAJ12, RAS99, Wai98, WK02].

size-binning [DS07b].

size-resolved [WK02].

size-structured [ALM04].

sizes [Sha85b].

skeleton [PC00].

skew [Kru99, KCB02, Zan91].

skew-symmetric [Kru99, KCB02, Zan91].

Slater [CPD+05].

slightly [BB10, Kie17, de 95a].

slip [LA11].

slots [CDJT06].

slow [KOW05, SKW17].

slowly [Wo´z10].

Small [PGM86, AKGR14, BBLT15, Pav00, Zar17].

smallest [KBG04].

Smith [ADM10].

smooth [BBLT15, CL14, Dar00, FvdMS17, GANT02, KR18, MD06, Mat86, Ram12].

smoothed [CDD00, GJ08, LL06, SKR+16].

smoother [BS97b].

Smoothers [Bre02a, BG02b, PRGO16, RGL16].

Smoothing [DLPV17, GSR00, CRS05, Haa97, KM95, MYSC17, Phii87, Wil95, Zha07, vSW90].

Sobolev [AyLqW18, CMR12, Che12b, DMR10, Ren13].

soft [KJL12].

Software [Enr06, FN95, NT92, SG96, BDF89, HK93, MLK06, MP96].

soil [MCB12].

soil [MCB12].

solid [GMM90, MP05].

solidification [CMOP06].

solids [MR06].

solitary [AD01a, CGP15, DLM02, Zol93].

solute [DA18, DFC09, FL11].

Solution [AO91, BBD08, Bre06, Che96, Fre04, GM85, Jac87, KM95, KS00, Mik97, MS99b, Njã88, PGM86, Rum87, SH09, SM85, AM09, AHT17, AGJ12, AB09b, ADM10, Ara99, AS00, AAD14, BJH05, BF92a, BOEP00, BFS17, Bea04, BB15, BNV06, BF92b, BLM17a, BGD08, BKP14, BDFV95, Bor02, BHR05, BMP05, BHJ13, BTDV10, BVB10, BVRB14, BGIW18, BM97b, BM97a, BSP04, BCP17, BP95, CLT97, CDP17, CG92, Cas96, CW98, CH01, CH04, CF08, dCCSR03, CNS00, Con89, CST97, Coy12, CG94, DB97, DS17, DMIH18, Der92, Dia95, DS97a, DL13, DB08, DBBH14, DMPSC16, ECI07, FL93, FL05, FJ97, FL09, FL15, FH08, FV01, FV99, GLM09, GN86, Gao06, HGP11, HZBM05, Har09, HS86, Hi93b, Hin95, HvH10, HW97, HJ06, Hor99, HJB09].

solution [HST14, Isk89, JL91, JRO06, Jac96, J699, JCS03, JNPC03, JMPY10, Kell85, K90, KNP16, KW95, KK00, Kop86, Kur98, Lau17b, Lau17a, Le 12, Lev91a, LHW08, LTT07, L09a, LCLW17, LT93, LP00, LD02, MPTT17, MS03, MO17, ML16, Mar99a, MVAA09a, Mat06, MR90, Mie89, MD10, MD06, MRFF17, NK11, NS12, NT92, OMP98, Obe15, PR98, PM91, Per99, Pet00, PP92, Pow94, P68, Rab94, RC18, RMM12, Rie08, Rl92, RBT15, SW95a, SST04, SS08a, SA90, SKAW12, SR88a, Sim91, SK91, SMA01, Su04, SWR11, Tho85, TK05, Tsy98, Usm97, Van92, VBD93, WB92a, Won08, Wu09, XL09a, ZML12, ZAB15, Zou10, dHF95, dDF+94, dPT96, dHV13, vdHVW01, vSW90, vSK97, vvdV97].

Solutions [FF06, FFMZ13, Nap16, Alec11, AMV17, AAM03, Are06, BSGU94, Bac17a, BP06a, BM05, BM01, BSV09, Bo03, BDKM92, Boz11, BPTT15, Cal92, CHPV09, CZY08, CLP15, Chi93, Cho13, CPR93, DDS89, EK96, ESEKZ10, Emr06, FW08, FHM+02, FJS99, Fuh01, FL01b, GANT02, GJR03, HJ05, HsSR17, Hor02, Hu99, HT00, IV16, JRO0, JRO2, KX1, KJL12, K92, KS04, KK86, KP15, Lan95, LLHC17, LSL11, LS07a, LRE04, Lyn92, Ma03, MM011, ML16, Mat86, OLV92, Pat98, PM14, 0013, Rl92, RPO2, SC11, SvdHN86, SSS00, Tem15, UHST03, V000b, Wan01, Wan07b, Wan09, Wu03, WMC09, XF06, YK04a,
Yos00, ZPT92, ZLG15, dVA02]. solvability [Sch98]. solve [AMCM08, AM10b, Chn17, DG10, Hua98, Sch95a, SG09, SL08, Zha96]. solved [Bic16, BCC16, BDN+97, De 93b, FHK05]. solvents [Per03]. solver [BRSD91, Beh97, BT02, BV94, BJM01, Cai09, GBDB97, HY02, IT07, KDK17, LCQ12, LYO199, Pau92, PM03, RG05, RZ15, Sch16a, SH02, TS06, VG04, Wall00b].

Solving [AS13, AD18, BNH01, Ben02, BW96a, BCT16, CS887, DS07b, DS03, EW08, HY01, IM98, Koz94, LW92b, ST01, Sha05, SY07, YL13, Yu99, Yu08, AA05, AK09, AG93, AC08, AM03, AP09, BLW07, BLS+17, BES18, BMGGG12, BGGG13, BM04b, Bag12, Bgl16, BRBB18, BS93, BM09, BCSH16, BC89b, Btr93b, Cao98b, CL07, CHH15, CXZ17, CMCGR02, Cai95, DT15, DA16, DS15, EAS12, EHM01, EG88, ELLE02, EMMK01, EVO04, EH09, Fdt96, Fer96, FG09, FV87, FFQ09, GKA17, HVY91, HR96, IVA93, JL17, Kan89, KSMM16, KS07, KSSS16, KFOF02, KPR12b, KS09b, KAS17, Lee94, LFY17, LT01, LYK17, LP97, LL02, MCS16, Mar08, MP09, Meh08, MOU14, MN08, PM05, PR90, PV93, Phi91, PPC00, PT95, Pou00, PB10, PG02, QM10, RZ00, ROB17, Rha99].

Solving [RS08b, RT95, Sal89, Sch09, SEG02, SD11, SD13b, SWW17, SYB17, SS16, SS13a, TOD11, Tsa91, Tsa92, Tsy96, WZL13, WZ16, XCS85, YR92, YXB95, YTZZ18, ZNK02, ZZW97, ZSJ04, Zia85a, Ise02].

Some [BN99, BJSFM02, BV96, BG14, BC89c, Car99b, CH90, Cve02, Fdt97b, Goo90, Gu01, HOC86, JN02, LLY11, Mac86, MM14, NY13, Nov08, SLZ10, The17, TM05, Vul92, WSS97, AB09b, AGK94, AFLAG+12, Ban97, BR01, Bre85, BDRZ04, BT93b, Ca15, CHS7, DS07c, EHM01, GH91, GM95, HJS97, HS98, Hor93, JP08a, JI15, JM05, JT09, JV09, Kan93, KPR06, KAS17, Kza92, MRF00, Mar03, PJS05, PWS02, PT95, Rha99, Sid14, WB90, Woz08, Woz10, BW96b].

Sommerfeld [IV16]. SOR [DO95, DO98, PPS10]. Sound [Bir87, KJL12, LT05, NU15]. sound-soft [KJL12]. source [ASZ15, BM12b, BFR90, Cho13, HP14, HM15, HM17, HILK13, KHM+14, KRB16, LWD+09, LDP+14, RC18, SS17, WZ13, WW14]. sources [FOMC05, KV07, RTT01, SK10, YK04b].

Space [BC01, DGRS09, SLW17, SvdVdD06, vBvdDZ08, AM10a, ABM17, BS00a, BLM17a, BZ17a, Bou02, BRZ17, BR97, BD11, CS94, CDW13, Dah02, ELCWS98, EK97, EL94, FMS18, FID16, FM95, Fra04b, Gar03, Gea93, H13, HL89, IV16, J199, KZ13, LL98, LS10, LYK17, LCLW17, Man97, MT06, MD96, SS99, SHA12, SW07, SW12, Str98a, SWCH15, USH03, WZ13, WSS97, Yu99, YDWW17, vDVS08, ASZ15].

Space/time [AB12, ALP+96,空间].

Space/time-dependent [WZ13].

Space/time-dimensional [ELCWS98].

Space/time-dimensions [BD11].

Space/time-filling [LS10].

Space/time-fractional [MT06].

Space-like [Man97].

Space/time [SLW17, HZ17a, FMS18, FID16, LCLW17, AS15].

Space/time [vBvdDZ08]. spacecraft [CRTU15].

Spacecraft [CHS17].

Spaces [A13, AMCM09, AM16a, Chel2b, CP03b, DE16, GP00, GGG16, JL94, Li16, PGA93].

Spacetime [ALP+96].

Spacetime [PH14, HM15, HM17].

Spacetime-dependent [HM15].

Sparse [BG02b, BS09, Chel2b, JMY10, Zha00, AB07, Ara99, BT99, DWN18, HVY91, Jia00, LP05, LKV01, LGH11, Mag91, Mar08, PV93, SW95a, ST90b, Vas17, WZ02, YR92].

Sparse-grid [LKV01].

Sparse-sparse [ST09b].

Sparsity [Huc99].

Spatial
spatially [EV96, LSGK15, WKM04]. spatial-temporally [ST09b]. Spatial [ADG+16, BGHR12, BGH+15, CHM09, CD95, DGCW17, FFMZ13, HKNV16, KP07, LS97, CJKLS98, GR02, LPZ00, LST07, RT95, SG05, Tsy96, WB00, YC13]. species [CCK03]. species [Deh05]. speckled [TSB10]. spectra [DSW96, LCVG01]. Spectral [AMC02, AQ00, BN12, Bla00, Bon16, DY17, DA17, FD16, Fun94, GD09, Gia12, yGyZ07, He80, HKP89, JZK06, KAR89, Luo18, SJ11, SM89, Tru00, YLS+99, AAD+08, AyLqW18, An16, BK06, BM89, BMS89, BSQ96, BBD08, BP95, CG92, CG89, CSXL14, CNT07, CSMC96, DM09b, DB08, EK95, FD18, FWL18, FPPS00, GANT02, GT00, GGM07, GM17, GH07, HGP11, HS17, KHA12, KWLK00, Kop86, Kop89, Kwa09, Lay09, LT01, LR00, LBCN00, MZZ17, MS86, MD00, MCS16, MM02b, MM07, Min04, MH16b, Mun00, MKS12, Pas91, PM91, Pav00, PD01, PK91, PP00, RX08, SD11, SW07, tSqWyG16, SA00, SVB17, tGpM07, TW00, Tse00, VO00a, VS91, JwQW09, JW15, WC14, WK00, YB10, Yu08, hYqW12, ZL11b, dFN00]. spectral-element [CSXL14]. spectral-Galerkin [DB08, Kwa09]. spectral/ [KWLK00]. spectral/hp [SA00]. Spectral/Rosenbrock [AMC02]. Spectrum/ [AMC02]. spectrum [GCP91, KQ13a, KQ13b, LMS08, TCCW89, XCS85]. speed [FdsB02, MS91, SM13, TSFB01]. SPH [FPRA09]. sphere [CNT07, TOCV02, TLLS09, WZL13, ZL11a]. Spherical [Har00, Bar12, GH07, LMS09, Pet00, RA17, STS00]. spheroidal [BDG09, FRRJT10]. spheroidal-shaped [BDG09]. spin [AB17, Bec02]. spin-Heisenberg [Bec02]. spinning [CS04]. Spline [PTV16, ABJ12, ADSS17, BS14a, BES18, BGS06, Beh93, BH12a, DLPV17, DMRPC16, DT89, EHM01, Gs99a, IO18, Jam95, Joh05, KO08, LMS09, LF00, LZW17, MB10, MST07, MST09, RL86, RK08, SST12, SE93, SST09, SST15, VR01, WE99, YC00]. spline-based [DT89, Jam95]. Splines [St09, Bar12, Bic16, BCC16, DS17, DF92, FGPR12, GV18, Gs90, KP01, KP03a, KPR12a, PR09, Rab94, Ram12, SA90, SYG+05, Spe12, Ver93, WT93, WW05, RMS17]. Split [CHZ14, RKVZ15, WL09a, BG11b, CS01, Hor98, IHS13, KM16, MP11, YXT17]. split-Hamiltonian [CS01]. split-operator [HIS13]. Split-step [CHZ14, RKVZ15, WL09a, MP11, YXT17]. Splitting [GPHA16, LL02, MV18, SK96, AMT13, ABF09, BC05, BC04b, BFH09, Bon02, CSXL14, ELCW98, FL94, GK09, GV02, Gla94, GGRN17, HLL09, HV95, Hun02, JK17, KS00, Kie15, Kni94, Kni95, KNT13, KW10, LHH96, Lub04, MH16a, MZZ17, MG07, OSt02, OS12, Pol93, RA03, SK16, SB14, SCT05, YP18a, YP18b, ZWH+17]. Splitting-methods [GPHA16]. splittings [BWY03, BM09]. sponge [Pet00]. Spurious [Mul99, VT91, Wai98, CM06]. SQP [BdFPSdSC08, HP15, SX09]. square [Abu04, AD01b, BB94, BM04b, BS12, CKL03, Li11, Li16, MDD14, SD13a, TZA13, Waa88, WM07, WC11, Zup03, dB03, dVA02]. square-based [BM04b]. square-root [Waa88]. Squares [CF86, AN15, BLS+17, Ben02, CP07, CQ04, CCLT10, yDgGnJT09, HP85, Han87, HS17, KS02, KLY05, KS09a, KR10, LV12, LSY17, LW18, MOS12, MS08a, MH16b, Mon09, Mou03, PS02, PS03, Ren13, SLJ86, SWCH15, YK04a, Yua93, ZSJ04]. squaring [CH04, SW09b]. squaring-down [CH04]. SSOR [BD85]. ST [SY03]. Stability [Arn93, BF92a, BT97a, BLM17a, Bor02, BSvdV99, BT93b, B01, B06, CGGGS11, CP05a, FL01b, GM85, GM95].
Gol00, Gul15, Guo01, HMT03a, HMT03b, Jac93, KKR15, LT12, LL15, LSL11, LDL18, Mac86, MB08, MS00, MV17, OZ96, Ost02, OTK04, PGA93, SSV89, Sch93, SG00, Ske89b, SHG86, SN04, TH18, ZZO16, Zi´o99, iW07, iV09, iM13, vdHVW01, AH11, Abu04, AMCM09, ABF09, BG11a, BC89a, BP12a, BG97, Ben17, Ber15, BM12b, BN03, BS08, BS12, Bur85, But09, CCG13, Cha96, CZ12, Dav98, DDZK05, DR09a, DA17, DSW96, FP02, FS08, FG09, FHV97, GD09, Gje07, Gu01, GGG16, GLMY17, HM00, HS95, Hin95, Hor93, HA16, Hua09, HV89, Hun02, Ise97, JI94, KMG09, KS89, KW93, LZ13, Lزل14, LT93, LS05].

Stability
[LRE04, MS91, MG97, MZ04, MM07, NMSF94, NBNTGV11, NB01, NFAE03, Pot97, QR03, Sam94, Sch12, Sch98, Sid10, SW13, Sou09, Spi93, Spi97, Tan01, TZA13, Van00, Vul95, WZL08, WC11, ZZL01, ZFX17, ZP97, ZP98, dPT96, in 92, in 96, iW09].

Stabilization
[ABFV09, De 88, AMR14, Arn98, ÇK13, KL09, RC05, Tia15, Tob14, XF06].

Stabilized
[AMT13, AKL08, BL08, LW95, PAP17, SA12a, AS13, ABR05, BC01, BH12b, Cod08, GM10, HLO8, HFL12, Kam16, Pic05, QMLC15, Sch93, SGS00].

Stabilizing
[Hum02].

Stable
[CGA93, DDHS97, SGS00, SGN06, WK00, Ben96, Bok03, Ca09, CD+17, CXZ15, DJJ12, DSK12, DLM02, DK14, Elg17, ELE02, FL04, GHK16, GAW09, GPHA06, GPHAM12, HH10a, IRC12, IJ17b, KLSW06, LK14, Lin10, MW93, ST89, SK16, Ske89a, Sv95, SCvdH92, SS09, TOD11, VDV98, VK17, VZ93, ZZW97].

Stage
[HR06, BJ11, But93, CPP02, CCS17a, Chi93, FJ17, GPMR95, JM17, Luan17, NBNTGV11, Tor06, Ver96a, Ver06, Wen98, WBCK02].

Stage-order
[Ver06].

Stages
[Kie95].

Staggered
[GLV06, Pou00, ASCM02, CS08, FD16, JTB15].

Stagnation
[Men14].

Standard
[Bra00, FM11, KDAK13, MDRR11, MZS10, Vui95, WT17].

Stars
[IN89].

Started
[TOCV02].

Starter
[vB95].

Starting
[CIJ17, Lab98, Lab99, Sha87, GPMPR03, NH15, Ver06].

State
[BSZ15, Cah92, CM02, CML05, Chi93, CY05, CST97, Dah02, EK97, FNT06, HHT97, HK09, ITZ17, KK86, LRE04, NT92, RY13, VVR08].

State-dependent
[Cah92, CST97, HHT97, NT92, RY13].

States
[Bec02, SAG86].

Static
[AM10b, Cop03, CA16, DT89, GLV06, RR14, TV91, YTTZ18].

Stationary
[AAM03, Kin94, AR15, Buc17, CC04a, DNW18, DN08, EH06, HL08, HFL12, LY10, Maj17a, QAMX17, SH10, TMM15, YÇ16].

Statistical
[GPºP03, Ber85].

Steady
[CM02, RV05a, BHJ13, Chi93, CY05, DS97a, GM10, HS86, HT00, ITZ17, Jes85, KK86, LRE04, SAG86].

Steady-state
[ITZ17].

Steel
[PL02, PLI03].

Stein
[BJ11].

Steiner
[PS04b].

Steklov
[AP08, BLY16, YLL09].

Stellar
[Vas17].

Stencil
[Tow16].

Stenoses
[LT00].

Stenotic
[TYKK01a, TYKK01b].

Step
[De 88, Jac87, AM99, AGM95, AFS02, APJ10, BJ05, Ben17, Bho12, Bok03, Buc06, BJ01, BJ03, BJ06, BT97d, BC00a, CLMSS98, CMR11, CHZ14, CFP17, CP05a, CHK99, CILS98, Con01, CX08, CD012, DJ12, DP12, EK97, GH91, GLPW09, GPR12, Hai97, HOS99, HS09a, Hoa15, HLR01, Hor05, HP15, IHS13, Kie95, Leo10a, LW17, MP11, PWS02, PWS05, PWS06, FJB04, PAJ12, QAMX17, RKVZ15, SMEN04, SM93, SWJ09, Sha85b, Söd06, SS09, TYJ11, Ver06, Wai98, WL09a, WSP04, XXZL15, YXT17, ZOX9, ZP12, Zuu95, van93, vdSvdH95, AD04].

Step-by-step
[van93].

Step-parallel
[vdSvdH95].

Step-size
[AFS02, HLR01, PAJ12].

Stephan
[CHM09].

Stepping
[Aca12, BBRBS09, BSvdV99, HLT07, HJ03, KR15, LHC09, LYK17, LFS15, SUP+12, uVS13].

Steps
[LLT07, Yu99].
Stepsize [FS05, BG02a, BC98, BC00a, Con01, GC15, JYZ95, LMG02, MP94, SH97, Spi13, WKP12, Zla85b].
steplike-coefficients [Spi13]. stepsize [CGA96, Stewart [SMC08, Stileltes [DMGVO05, Gil00, Not92]].
stepsizes [CGA96]. Stewart [SMC08]. Stieltjes [DMGVO05, Gil10, Not92].

Stiff [Kie15, AH15, Ale03, Aro96, BJ02, BF92b, Bos09, DBM03, BC89b, BC95, BS00b, BR05, BP06b, CL85, Cas96, FG09, GPMPR03, GPHAM12, HCX03, HS99b, Jac96, MP94, PSW02, RKVZ15, Sa89, SSV89, Sch93, SM93, SWE05, Sim98, TB01, V195, WL09a, WAV12, WSP97, XZ09, in 95].

Stiffly [HHR12]. stiffness [Sha85a]. stimulate [Var92]. Stirling [SG04].

Stochastic
[AHO16, AH17, Bis11, FV85, MA04, AA04, AA05, AB17, Abu04, BF17, Bok03, Buc06, BS12, BB96, BB98, CHZ14, CCZZ18, CF13b, CN11, DR09b, DK11, Fan11, Har10, HWX15, KGR08, KK11, KS08, Kom07, KK16, KK15, Kav94, LSK12, LLD18, MDD14, MHR0, Mo08, Pot97, PM14, RP17, RKVZ15, TN16, TB01, TZA13, WL09a, W10, WC11, WC14, WGW15, YXT17, ZAB15].

Stochastically [Bok03]. Stoke [MH16b].
Stokes [B16, K15, D12a, AH09, AR18, BC12, BM13, BB15, BG11b, BC01, BS97b, BP90, BP95, CKPS15, Can08, CMP03, Che96, CH07, CSXL14, CHH15, CKZ17, CKK10, CD13, DY17, DJ10, DS97a, DN08, Dob05, DJL04, EJS11, FD16, FRRJT10, FM04, GMZ80, GM10, GGG16, Guo00, GH07, Guo15, HLZ14, HH08, HL08, HS17, HW15, HK85, HL12, ITZ17, Jol01, Kalk96, KS00, KCL00, KS02, Kni94, KDK17, KN93, Kwe00, Kwe01, Kwe03, LLLL08, LLL11, LS12, LR00, L096, Med96, MMYZ18, Nor97, OK98, Pas91, Pea16, PK12, Pic05, P14, P00, QR03, QMLC15, QAMX17, RV04, RV05a, RK91, SSZ16, SGS00, SH10, She96, SA00, Shy96, ST86, TLP18, TH18, TLY92, Ton04, UGD08, VG04, VO00a, WY02, WT17, Wu09, YS09, YC16, Zha14, Zho18].
Stokes-like [WT17]. Stokes’/Darcy [DZ12a]. Stokes/Forchheimer [CD13].
Stopping [FLMR14, LPT16, Spi95].
storage [KCL00, KS08]. Störmer [CGA96, vdHMD99]. straight [TT03].
strain [CHX13, HHR12]. Strang
[KW10, Zan01, ZR15]. Strang-type
[Zan01]. Strategies
[Bie87, BM04, BO11, GC15, WSC09].
strategy [AS97, BT97b, BD11, Bu13, CZ90, DF11, DEPS15, DB97, FS15, GGLR09, HR97, HMW05, MCE+09, MP94, PK91, Sch90, SK91, V000]. Stratified
[TC03, LTC03, TOCV02]. stratigraphy
[BVT14]. Stratonovich [ZAB15].
Streakline [Din93]. stream [BP95].
streamfunction [KN93].
streamfunction-vorticity [KN93].
streamline [Bec18, Gas92, KN93, Par04].
streamline-diffusion [Bec18].
strengthened [AK95]. stress
[GP00, GS18, KS02, MAG13, NS16].
stretched [KKE16]. stretching [VT91].
strict [NB01, NFEE03]. STRIDE [But92].
string [Ahn07, LR03, RL06]. strip
[DDZK05, jW15, ZR15]. strips [DP85].
stroboscopic [CCMSS11]. stroke [van98].
Strong [BZ92, FS08, Hua09, NBNTGV11, PM14, RY13, Sus10, XXT17, BB96, Chn17, CN11, DMV1009, Gje07, KMG09, KS07, Nja88, WMC09, ZM17].
Strong-stability-preserving
[NBNTGV11]. strongly
[BBCS05, BBR97, BC06, GPHAM12, JNPC03, KCB02, Wan11]. Structural
[BBS11, BS12, FL05, Leo00a, LS05, NBP94].
structurally [BASC17]. Structure
[KGR08, Shy91a, Shy91b, ABEK12, AB14, ABM17, AC96, BS04, GS18, Gus87, Jun09, Kok08, MR01, PA05, RP01, RDH+12, SW06, vBvdZD08]. structure-interaction
[vBvdZD08]. structure-preserving
[AB14].
Structured
[Buc99, Ram94, AM95a, ALM04, Aya09, BLD17, BL15,
BMR17b, DP12, DMPP99, DGD03, FH08, Ram96, Rus95, Tol04, YC00, ZHJ14.

Structures [SR88b, BL91, CAD03, DT89, Fai00, FLÖ+97, HKZ08, IPL02, Mar09, PLI03, Vic92].

Studies [LBCN00, Ran16, RW87, Str98b].

Superconsistent [Fun04, FFY08].
Superconvergence [Bac17b, Bac17c, Bra00, CZ04, FLR08, Fra14, LHWF08, Ris05, Tem15, WY02, AC15, BSGU94, Li01a, LY01, LH02, WSY18, ZY14].

Superconvergent [SST15, LR01, MCS06].
Supercritical [Gar87, Gla93].
Superlinearly [CDW13]. superoptimal [NR14]. superposition [FMGN94].
supersaturated [SA08]. supersonic [CRTU15, EH91, Nor99]. SUPG [Usm97].

Superconvergent [SST15, LR01, MCS06].

Superconsistent [Fun04, FFY08].
Superconvergence [Bac17b, Bac17c, Bra00, CZ04, FLR08, Fra14, LHWF08, Ris05, Tem15, WY02, AC15, BSGU94, Li01a, LY01, LH02, WSY18, ZY14].

Superconvergent [SST15, LR01, MCS06].

Supercritical [Gar87, Gla93].
Superlinearly [CDW13]. superoptimal [NR14]. superposition [FMGN94].
supersaturated [SA08]. supersonic [CRTU15, EH91, Nor99]. SUPG [Usm97].

Superconvergence [Bar09]. surface [Ari03, CWM09, CAAT16, DEPS15, Dav98, DL13, DMQ02, FPRA09, Fat10, Gar05, Hin97, JP17, LY10, LR87, LY0199, LWCT07, LG02, RZ15, Sch16a, XLR07, YC00, HP91].
surfaces [BFGP08, CS04, CGGM17, FGPCR12, FR14, GT15, HGR01, LY01, NT16, PR09, Ren14, TMM15]. surgery [MDHK06].

Surprising [Asc12]. Survey [Sid10, AAI93, Bre96, But85, BC89c, FSU89, HJ05, Kau97, Mun00, Tho85].
suspensions [BBCS05, BCS06]. SVD [BS09, Lyo12, MMBB07]. SVD-based [Lyo12].

Superconvergence [Bar09]. surface [Ari03, CWM09, CAAT16, DEPS15, Dav98, DL13, DMQ02, FPRA09, Fat10, Gar05, Hin97, JP17, LY10, LR87, LY0199, LWCT07, LG02, RZ15, Sch16a, XLR07, YC00, HP91].
surfaces [BFGP08, CS04, CGGM17, FGPCR12, FR14, GT15, HGR01, LY01, NT16, PR09, Ren14, TMM15]. surgery [MDHK06].

Superconvergence [Bar09]. surface [Ari03, CWM09, CAAT16, DEPS15, Dav98, DL13, DMQ02, FPRA09, Fat10, Gar05, Hin97, JP17, LY10, LR87, LY0199, LWCT07, LG02, RZ15, Sch16a, XLR07, YC00, HP91].
surfaces [BFGP08, CS04, CGGM17, FGPCR12, FR14, GT15, HGR01, LY01, NT16, PR09, Ren14, TMM15]. surgery [MDHK06].

Superconvergence [Bar09]. surface [Ari03, CWM09, CAAT16, DEPS15, Dav98, DL13, DMQ02, FPRA09, Fat10, Gar05, Hin97, JP17, LY10, LR87, LY0199, LWCT07, LG02, RZ15, Sch16a, XLR07, YC00, HP91].
surfaces [BFGP08, CS04, CGGM17, FGPCR12, FR14, GT15, HGR01, LY01, NT16, PR09, Ren14, TMM15]. surgery [MDHK06].

Superconvergence [Bar09]. surface [Ari03, CWM09, CAAT16, DEPS15, Dav98, DL13, DMQ02, FPRA09, Fat10, Gar05, Hin97, JP17, LY10, LR87, LY0199, LWCT07, LG02, RZ15, Sch16a, XLR07, YC00, HP91].
surfaces [BFGP08, CS04, CGGM17, FGPCR12, FR14, GT15, HGR01, LY01, NT16, PR09, Ren14, TMM15]. surgery [MDHK06].

Superconvergence [Bar09]. surface [Ari03, CWM09, CAAT16, DEPS15, Dav98, DL13, DMQ02, FPRA09, Fat10, Gar05, Hin97, JP17, LY10, LR87, LY0199, LWCT07, LG02, RZ15, Sch16a, XLR07, YC00, HP91].
surfaces [BFGP08, CS04, CGGM17, FGPCR12, FR14, GT15, HGR01, LY01, NT16, PR09, Ren14, TMM15]. surgery [MDHK06].
INR01, MDRR11, Mat08, Zan01].

Symmetry-preserving [VL08, MDRR11].

Symplectic
[HOS99, Ske99, ZCSH11a, ZCSH11b, ABD16, BF99, BCF+13, CH95b, CL01a, CM00, DM11b, Eir95, Hai97, HL99, HLMKZ06, Mur99a, Rei99, SS94a, SZ97, WE99].

Symposium [CFTW08].

Synthetic
[Abr93].

System
[TMS87, Aff94, AA87, BS14a, BS00a, BO04, BSV09, CKK10, CH04, DN08, Eij95, Hai97, HL99, HLMKZ06, Mur99a, Rei99, SS94a, SZ97, WE99].

Symposium [CFTW08].

Synthetic
[Abr93].

System
[TMS87, Aff94, AA87, BS14a, BS00a, BO04, BSV09, CKK10, CH04, DN08, Eij95, Hai97, HL99, HLMKZ06, Mur99a, Rei99, SS94a, SZ97, WE99].

Symposium [CFTW08].
[BS05, DHM09]. tensor-driven [DHM09].
tensor-product [BS05]. tensorial [ABJ12].
tensors [BKR13]. term
[BFH09, BDDV12, BRS16, Buc17, CH95a, Cao98b, CdCV03, DW15, DBDV10, ESEKZ10, Mar09, RC18, RG05].
term-by-term [RG05]. term-structures [Mar09]. term [BFH09, BDDV12, BRS16, Buc17, CH95a, Cao98b, CdCV03, DW15, DBDV10, ESEKZ10, Mar09, RC18, RG05].
term-structures [Mar09]. terms [BJ02, BSQ96, BM12b, CY98, Zen93, iW07, iW09, iM13]. ternary [KK09a].
terrain [TC03]. test [GM87, JP08a]. Testing [CGCMTR02, JP08a, GGO12, GGO16, PSW02].
tetrahedra [DFZ16, PPS05]. Tetrahedral [BS97a, AW03, ASC03, BS96a, MCE+09, Zha09].
tetranichidae [CL02a]. th [AL09, AB15, BP02, EST15, SA90].
th-order [SA90]. their [AGM95, CHH15, CM06, EH07a, KSO09, Lem02, MP97, PWS06, ROB17, RZ04, Sae14, SSW04, Uty08, WPS06, WWLS08, Xu13].
theorem [Cao98a, Sza94, Wu03]. theorems [Boy15, Dor01, JT09]. Theoretical [BFdS10, BT98, BC89b, GGMP88, San89, Wei95, KPR06].
thories [Alb96]. Theory [CHM09, DGCW17, Gar87, San94, XB14, AK00, AVMVMV09, BWY03, BF99, CA16, CV88, Gan96, HJ06, K096, KK02, Li05, MDT05, MR94, Mot17, Ost02, PdV99, San89, SG06, Sus10, TM15, BHN01, MR05].
Tetrahedral [DFZ16, PPS05]. Tetrahedral [BS97a, AW03, ASC03, BS96a, MCE+09, Zha09].
tetranichidae [CL02a]. th [AL09, AB15, BP02, EST15, SA90].
th-order [SA90]. their [AGM95, CHH15, CM06, EH07a, KSO09, Lem02, MP97, PWS06, ROB17, RZ04, Sae14, SSW04, Uty08, WPS06, WWLS08, Xu13].
theorem [Cao98a, Sza94, Wu03]. theorems [Boy15, Dor01, JT09]. Theoretical [BFdS10, BT98, BC89b, GGMP88, San89, Wei95, KPR06].
thories [Alb96]. Theory [CHM09, DGCW17, Gar87, San94, XB14, AK00, AVMVMV09, BWY03, BF99, CA16, CV88, Gan96, HJ06, K096, KK02, Li05, MDT05, MR94, Mot17, Ost02, PdV99, San89, SG06, Sus10, TM15, BHN01, MR05].
thermal [DDSS89, GD09, HLIS16, HK09].
Thermally [RBC02], thermo [BGM+09]. thermo-electromagneto-hydrodynamic [BGM+09]. thermonuclear [RMC04]. thermodynamically [GKH16].
thermoelastic [AC18, Cop03, CF05].
thermophysical [MCM12].
thermoviscoelastic [CA16].
thermoviscoelasticity [CF14, CA15].
theta [BF92b, HS99b, WG10, YXT17].
theta-method [HS99b]. thick [CL02b].
Thiele [CV88]. thin [BH12a, BCMV03, CDJT06, DDZK05, vDGuJT09, KHA12, Par14, SSW04, YTZZ18]. Think [Ise02].
Third [HMdV03, SaI03, YDWW17, Bos09, Fer09, Lev91a, LPR00b, RTU15, YC13, BGHR12].
third-order [Lev91a, YC13]. Thomas [Bra00]. Three [AW03, LM00, MOZ87, MMP02a, Nak05, Per88, SR88b, TMS87, ASCM02, BC12, Bak89, BS94b, BRS16, Cao98b, CH01, DW15, Gar03, GGLR09, GPMR95, HFL12, KZ13, LMWZ07, MH16b, MD96, Sch91, SR09, SZE+92, SvdHK94, SK96, Ste97, SK01, ZFX17, vSK97].
three-coarsening [GGLR09]. Three-Dimensional [Per88, SR88b, TMS87, AW03, LM00, ASCM02, Bak89, BS94b, Ch01, LMWZ07, Sch91, SZE+92, SvdHK94, SK96, vSK97].
Three-level [Nak05]. three-point [Ste97].
three-stage [GPMR95]. three-term [Cao98b, DW15].
threshold [Hor05].
Tikhonov [Buc17, Neu88, RSY12].
Time [BPY00, BP12b, CM14, FG96, INR01, MZ87, Sod06, SvdHK9, ST86, WK02, Zuu95, ALMM98, AcIa12, AMCM08, Ab09a, Ab09b, Al17, ASZ15, AF89, ARe97, AEF+14, AM917, BHJ05, BP14, BKM13, BCS17, BBBS09, Ben17, BDF89, BZ17a, BC01, BrTBV87, BP97, BSV09, Bor97, BK12, BR97, BJ01, BJ03, BJ06, BCDP17, CGP15, CS94, CP05b, CDW13, dCCS03, DD07, Dav98, DZK05, Dia95, DHL00, DGRS09, DY03, EHS88, EL94, FMS18, FD16, FM95, FO09, Fra04b, FL01b, GHK16, GX93, GLPW09, Gjo07, GPPR12, GPHA16, GL17, Hab08, Hai97, Har98, HILK13, HLT07, HLR01, HR96, HJ03, HST14, HLIS16, ITZ17, Jac93, Jez99, JL17, JCSR03, KBS11, KNT13, KZ13, Kre07, KK17, KR15, LHC09, LKV01, Lay09, Lei02, Leo10a, LW+09, LT07, LR18].
time [LYK17, LCLW17, Log04, LFS15, Lva17, LO95, LO96, MZZ17, MG97, MS08b, MVG14, MN08, MRFF17, NC16, Nor97, Pca16, PJB04, PAJ12, PM14, Pui05, RMC04, RZ00, RV09, Rya00, RTT01, SM12, SVV97, Sar05, SA12a, SUP+12, SLW17, SW07,
Triangle [BDFK95, CGG02, CD05, Ren14].

triangle-mesh [Ren14].

triangles [PSP04b].

Triangular [KCB02, BP97, Bra00, Cao07, Cao10, CL06, CST18, DDN18, GGLR09, JTB15, JP08b, KFOF02, Kru09, LE94, MRF00, PRGO16, RGL16, Sim04, SN04, Tsa91, Tsa92].

triangulally [vdHS01].

triangulation [LS93].

triangulations [Bar12, BFGP08, Dal13, DR93].

tridiagonal [GS08, Jac93, LVfP14, Mat05, Nak12, dG91].

trigonometric [Han06, Pat98].

Trigonometrically [YW08, FW08].

Trigonometrically-fitted [YW08].

triple [CM94].

triplets [GS17, KBG04].

trivial [CM02].

Trondheim [KN096].

Truncated [Sch98, Sof17, CM06, GLMY17, PS02, TD09].

truncation [Bar10].

trusses [AMH03].

Trust [MMP09, AMV03, BM03, CSM07, Ou11, Ren14, SP99, Zh15].

Trust-region [MMP09, BM03].

trust-region-approach [AMV03].

tsunami [FKA+13].

Tsynkov [Tsy96].

Tubelike [MM02b].

tubes [DI15, LD16, LT00, TYKK01a, TYKK01b].

tumor [MPSS16].

tumour [BL15, RA17].

turning [Dou91].

Turán [MP10].

Turán-type [MP10].

turbine [ARSW05].

turbine [ASCM02].

Turbine [BC93, LCGV01, DS97a, SLJ, VV09].

turbulent [Kar89].

Turek [GKMS90].

turning [Bec18].

Two [AL95, BES18, BCC16, CL10, CPG017, CD12, DP12, DCC14, Eva94, GS15b, GVP93, HFL12, Lam13, Lan95, Loe10a, LA11, LS93, MOZ87, QAMX17, SM85, TOD11, TS08, WZ13, AS11, AMR03, AMR12, ASC10, BHJ06, Bar09, BJ05, BMR+17a, BO04, BBBS09, BRC09, BC05, BLBT15, BWY17, BO11, Boz11, BT97d, CMRV11, CCP17, Cas96, CW98, CMP03, CDW13, Chi93, CAAT16, CL09, CF08, dCCS03, C01, CX08, CP03, CF14, CMCGTR02, CN15, DdSF07, DJI12, DR09a, DS07a, DE06, DE01, DA18, DMGVO05, DMGVP009, Di93, DN08, DMPSC16, ER07, EFLFP09, FMS18, FdSB02, GX11, GM16, GHK16, GMM09, GLPW09, GP10, GO03, GO06, GO6, HK9, HM09, HS09, Hua15, HK85, HL02b, HC16, Hu17, JAd04, JTB15, Jho10, JT06a, JGK11, KV07, KM17].

two [Kas89, KSMM16, KL09, KS01, KZ13, LCHR03, LT12, LY08, LS07b, Lu17, Man97, Mar05, Med96, MT06, MT05, M0095c, NY13, OGV92b, OGV92a, PR90, PPS02, PWS05, PWS06, QM10, QR03, RP17, RZ15, Sch16a, SWJ09, SLW17, SZE+92, SY08, SS09, Su94, TKN11, Tob14, TT12, TV91, TM05, Ver06, Wan07a, Wan11, WZ13, WQ17, WSP04, XC85, XL09a, Xia08, Yu93, ZT15, Zar17, ZO09, ZWO97, ZX09, ZCS11a, ZCS11b, dH13, van98].
two-[ASC10].

two-and [SZE+92].

two-block [Yu93].

Two-dimensional [CPG017, DCC14, Lu195, AS11, AMR12, BBRBS09, BLBT15, CDW13, CAAT16, dCCS03, CMCGTR02, DE06, DE01, DA18, Din93, DN08, FdSB02, GX11, GM16, GMM09, HK85, JTB15, JH06a, JGK11, KV07, LCHR03, LS07b, LS93, Med96, M0095c, NY13, PR90, QM10, SLW17, Su94, TJ12, TV91, WL13, WQ17, XC85, ZCS11a, ZCS11b, dH13].
two-fluid [CL09].

Two-grid [CL10, ZT15].

Two-level [HFL12, LA11, DdSF07, HL02b, Hu17, Jho10, KL09, Tob14, ZO09].

two-parameter [GO06].

two-phase [BZ11, ER07, KH16, GO03, KSMM16, LY08, RZ15, Sch16a, SY08, TKN11].

Two-Point [SM85, BC16, GVP93, Cas96, CW98, DMGVO05, DdSF009, Di93, HK93, HM09, Kat89, KS01, OGV92b, OGV92a, Wan07a, Wan11].

two-points [CN15].

two-scale [BMR+17a].

two-sided [GO02, MT06].

two-stage [Chi93, Lu17].

Two-step [CDP12, DP12, Loe10a, QAMX17, BJ05, BT97d, CMRV11, CCP17, CON1, CX08, DI12, GLPW09,
two-stroke type [van98]. Uniform

U [Bec02]. U. [MZ87]. Ulhenbeck [ZGO12].


unbounded [BT97a, BDMGV05, DY03, EH07b, FMS18, FWL18, Fer09, Gia12, gGyZ07, HZBM05, HZ09, HY01, PeC09, Tsy98, WS04, ZZL17].

uncertain [VF01, ZW09]. Uncertainty [BF17, LGH11, Tar98]. Unconditional [HO10, ZYS17, iW09]. unconditionally [BRBM08, BBKS07, GQ08, KL14, Ske89a].

unconfined [AMR18]. unconstrained [DW15, Fre91, KLS13, Ou11, Rha99].

unconventional [SS94a]. uncoupling [LT12]. under-determined [SK10].

under-field [CL02a]. underdetermined [BLS+17, CKB12]. underflow [FT96, FT06]. underlying [AO05]. underwater [XLK07]. unified

[AC16, Bus06, Har98, HP14, Mou03, SK97]. Uniform

[UWZ17, AD15, BH12a, BCE04, BB10, Cun95, FHM+02, FR14, FQ00, FR01, JM05, LH11, Lin01, MST09, MOSW00, OS08, RS09, SE93, SYG+05, Tro93, VL08, VQ92, VQ93, iV09].

uniformity [CMS04]. Uniformly [BM01, RTU15, ZLG15, HOEC86, ZX14].

Unifying [ABM17]. Unilateral

[SSZ16, Aca12, CH13, Gwi09, HL02a].

uniqueness [Fuh01, Gar92, HHT97, KP15, LYY15]. unit [BRS16, CCBGV08, DGVO0, DBCBPP10, DIR13, SL01a]. united [DMH18]. unity [CDD+17]. univariate [BH12a].

univariately [TD09]. universal [QR03]. Universidad [BGHR12, BGH+15].

University [Ano02g, CFTW08]. undefined [HP14, Mar08]. unknowns [CT93, Gar96, Gar03, MM02c, P000, PB10, SW13, Che96].

unstable [DLM02, Gro94, WK00].

Unstaggered [Tou10]. Unsteady [Du90, SA00, CML05, DM09a, Gla94, Mar05, MV18, Mur15, PBC08, TYKK01a, TH18].

unsteady-state [CML05]. Unstructured [FVB05, ASC03, BS94b, Dal13, DF11, DSZ15b, FL01a, JTB15, Kni94, Kni95, LYOI99, NFAE03, OK98, PSP04a, Ram94, SGN06, SGN08, TJ12]. unsymmetric [Khe91, Nov03, Sch08a]. update [BLD17].

updated [YK07]. updated-observations [YK07]. updates [BTMT08, SW09a].

Updating [BS10, GS08, TS08, XZZL15, ZH15]. upon [AGJM04]. upstream [DN08]. upwind [BGP11, BCS06, CNX14, FCX06, Hol01, LY09, Pir09, RK91, SY08, SR97, VL08, van86b]. upwind-mixed [SY08].

upwinding [AS06, KN93]. urban [CCM17].

Urysohn [KR18]. USA [FJ97]. Use [FJH+01, RS08b, AA04, Att97, BLS94, BJ03, Gil91, JKNN94, Man96, SH02, Tou97, YR92].

used [BBO03, BP95, MS08a, Sha85b]. user [WSS97]. user-oriented [WSS97]. uses
Using [CMS04, MS99a, RSD+06, Sch95a, SG09, ST08, TMS87, Zha96, ABJ12, AyLqW18, Arc06, BC02, BOEP00, BM01, BDF89, BW96a, BCJ97, Ber05, BCT16, BGH08, Bla01, BL08, BH12b, BWE95, CAD03, CDD+17, CJL13, CKP15, CGCMTR02, Che96, CS01, CKS05, Cod08, CMS06, Dah02, DB97, Dea11, Der92, Dia95, DB08, DP85, DL06, Elg17, EW08, ELLE02, EJS11, EC07, FPPS00, Fra14, Gab02, GV18, GGLR09, Gat91, GGM95, Ghe97, GDS+15, GGG16, yGyZ07, HH98, JM94, Jun94, Jun96, KO92, KK09b, Knr94, Knr95, KTS03, Koz94, KX03, LS10, Li98, LH09, LIT07, LL02, MZZ17, MMKN17, MRFF00, MCS16, MM16, Mic95, MP1616, MD96, Moo04, MRF17, NRW08, Nap16, NS03, PT09, Pel15, PP00, Pcr17, QQ04, RP17, Ram12, RG05, RBT15, SK97, Sch09, Uzawa [Cao03, Cui04, Mur15]. Uzawa-like [Mur15].

Utility [AD99].

Utility [AD99].

Using [CMS04, MS99a, RSD+06, Sch95a, SG09, ST08, TMS87, Zha96, ABJ12, AyLqW18, Arc06, BC02, BOEP00, BM01, BDF89, BW96a, BCJ97, Ber05, BCT16, BGH08, Bla01, BL08, BH12b, BWE95, CAD03, CDD+17, CJL13, CKP15, CGCMTR02, Che96, CS01, CKS05, Cod08, CMS06, Dah02, DB97, Dea11, Der92, Dia95, DB08, DP85, DL06, Elg17, EW08, ELLE02, EJS11, EC07, FPPS00, Fra14, Gab02, GV18, GGLR09, Gat91, GGM95, Ghe97, GDS+15, GGG16, yGyZ07, HH98, JM94, Jun94, Jun96, KO92, KK09b, Knr94, Knr95, KTS03, Koz94, KX03, LS10, Li98, LH09, LIT07, LL02, MZZ17, MMKN17, MRFF00, MCS16, MM16, Mic95, MP1616, MD96, Moo04, MRF17, NRW08, Nap16, NS03, PT09, Pel15, PP00, Pcr17, QQ04, RP17, Ram12, RG05, RBT15, SK97, Sch09, Uzawa [Cao03, Cui04, Mur15]. Uzawa-like [Mur15].

Utility [AD99].

Utility [AD99].

V [Tsy96]. V.S [EST15, Ano00h]. vague [MMKN17]. Validated [LS07a, JN02, Jez99]. validating [Tou97].

Validation [AV06, CAAT16, TLV92, BWE95].

Valuation [AO05, CF08, Mar09]. Value [AGM09, De 88, SM85, AA04, ALO9, AyLqW18, AB15, AMP03, AMCR17, AMR14, AT93, AM95b, AGM95, Att97, AFLG+12, Bac17a, Bac17b, BGO13, BY00, BM00, Bic16, BCC16, BRS97, BT93a, BT93b, BT95, BT98, Bur93a, BT00, BC89c, Cah98, CL85, Cas96, CW98, CJ90, CZ12, CN17, DMPS16, EHM01, FW08, FD97, Fer93, Fun94, GGM95, GM95, Ghe97, GH02, yGpY09, HK93, Hig93a, HR06, IO18, JR02, JCSR03, Kat89, KG90, KS09a, KKWO, KS01, KW93, KK02, LH96, LZ17, LW17, LC99, LO03, LS07a, LT93, LOM98, MS03, MS90, MYSC17, Nap16, PZM16, Pap95, PT15, Pul12, RK08, RTU15, SAG86, Sch93, SWE05, pSLqJcY16, SW85, Sub04, TS08, VO00b, VW02, Wan07a, Wan07b, Wan11, Wan17b, War92, WW14, XFLC00, YL13, Yos00, ZG92b, ZC10, ZWL11, dVA02]. valued [LW07]. values [Pré10, SLqJcY16, Zha07]. Vandermonde [MP98]. vanishing [CS17, KV95]. vanishing-lag [KV95]. vapor [CKB13]. Variable [AGM95, Ber04, CLMSS98, GPMPR03, Hai97, Jac87, JZ95, PAJ12, WKP12, Zla85b, Ant13, AFS02, Ber05, BG02a, BJ17a, BRW17, BC98, CGA96, Fel06, GD09, GPP12, HOS99, HP14, HLR01, Ho101, HLMK06, LIJ14, JL17, JV09, KKK92, KS00, LWT07, LLL08, LTL07, LFS15, LM02, PM91, SH97, Sha87, SS08b, Wan98].

Variable-Order [Jac87, Ber04, GPMPR03, Ber05, BZ17a, LG02, Sha87].

Variable-Step [Jac87, AGM95].

Variable-stepspe [WKP12, LM02]. variables [BC93, Dar90, Kid90a, Kid90b, Lav94, Man97, PM03].

Variance [Dah02, JLH13, CHZ06, LHO13]. variant [LLY11, MC17, QM10, Ree03]. variants [HS02].

Vandermonde [MP98]. vanishing [CS17, KV95]. vanishing-lag [KV95]. vapor [CKB13].

Variable-Order [Jac87, Ber04, GPMPR03, Ber05, BZ17a, LG02, Sha87].

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Variable-stepspe [WKP12, LM02]. variables [BC93, Dar90, Kid90a, Kid90b, Lav94, Man97, PM03].

Variance [Dah02, JLH13, CHZ06, LHO13]. variant [LLY11, MC17, QM10, Ree03]. variants [HS02].

Vandermonde [MP98]. vanishing [CS17, KV95]. vanishing-lag [KV95]. vapor [CKB13].

Variable-Order [Jac87, Ber04, GPMPR03, Ber05, BZ17a, LG02, Sha87].

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Variable-stepspe [WKP12, LM02]. variables [BC93, Dar90, Kid90a, Kid90b, Lav94, Man97, PM03].

Variance [Dah02, JLH13, CHZ06, LHO13]. variant [LLY11, MC17, QM10, Ree03]. variants [HS02].

Vandermonde [MP98]. vanishing [CS17, KV95]. vanishing-lag [KV95]. vapor [CKB13].

Variable-Order [Jac87, Ber04, GPMPR03, Ber05, BZ17a, LG02, Sha87].
vectorizable [BV94], vectors [CP07, GM94, VScYD02], velocities [DNL04]. velocity [Ale11, CHR03, DFC09, GLS09, Gat91, GP00, GS18, GGG16, KS02, LY16, LW07, Med96, RR00]. velocity-pressure-stress [GP00, KS02].

Venant [FCX06]. Verification [RBBC85, SK01]. verified [Fac03, Rum87].

version [AK00, AM16a, CS09, GGO13, Gwi09, JJ94, KJ99, KFOF02, KX03, Mai06, ML91, SS00, SK10]. versions [Mus11].

versus [CHR03]. Vertex [ZL18].

Vertex-cell [ZL18]. vertices [Dal13].

Verwer [BtTBV87]. very [BC99, BP14, BCMV03]. vessels [BCS06].

via [AA87, ALP96, Bai97, BGG04, BRRS15, Bor10, BM06b, CFX02, CM04, CPZ17, CGGM17, DSZ15b, DSZ15a, FVGS13, HR14, HXW15, KNP16, KSP10, MS00, NRZR12, Pas91, PM14, SA90, Sid14, WZ16, WQ17, YV17, YT03, Yu08, Zh07, dHV13].

viability [BMMZ06]. vibrating [Ahn01, CCJ99, CFC03, LR03]. Vibration [LHC09, AMH03, Dat99b, LFB00, MR01].

vibrationally [MR03]. vibrations [RL06].

Vienna [AFS96]. Vieta [Wu03]. view [Han87, WH13]. viewpoint [Shy91a, Shy91b]. views [MMP02a].

violating [Vu95]. virtual [Aya09, EBC07, LW92b]. visco [HS07, LDIW16]. visco-elastic [LDI16].

viscoelastic [CFRA08, CCLT10, KK06, ZYS17].

viscoelasticity [HR12, Wen05].

viscoplastic [Mur15]. Viscosity [FF06, FFMZ13, MP85, CRTU15, EK96, GT00, GGRN17, KS00, Luo18].

viscosity-splitting [GGRN17]. Viscous [XF06, CCL04, Du90, FPRA09, FL01b, GM08, HT00, JT06b, KJK07, LT00, LR87, PR90, TYKK01a, TYKK01b]. visual [Spr99]. visualization [Zar99]. Vlasov [BS14a]. VLUGR3 [BV94]. VMS [RMM12]. Vogelius [BL08]. void [NS16].

volatility [FV01, LL15, ZW09]. volatility/transaction [FV01]. Volterra [AB88, AM10a, BT97a, BGGG13, BLM17a, BDFV95, BP92, Bru92, Bru97, BMM97b, BMM97a, Bru07, CCP17, CD1P17, CZ12, CP09, CDP12, CP17, Der92, DLF1V7, EH97, EK06, FJ97, FPR12, GLS09, Gar10, GG16, Han93, HZBM05, HA16, Hu99, ICR12, KO08, Kau97, Li05, LD97, LW92a, MAH18, Maj14, MO17, Man97, MV17, Mic03, MdD04, ROB17, Ril92, SV00, tSqWy16, SV17, WC14, WYL11].

Volume [Ano01c, Ano01d, Ano02a, Ano02b, Ano02c, Ano02d, Ano02f, Ano03a, Ano03b, Ano03c, Ano03d, Ano04c, Ano04a, Ano04b, Ano05a, Ano05b, BMQW16, AKT97, ASCM02, ASC03, BK09, BM04a, BM04c, BW95, BC08b, BG03, BP07, CMP03, CL10, CXZ17, CNT07, DJ10, DM11a, DT10, DN08, DHM09, DI15, EN09, EGHO1, FL04, FM07, FMU15, FL01b, GLLW14, GQ08, G17, HH08, K199, KD13, KCP01, KvyS15, KR12, LLS96, LP01, LMW07, MK14, MS98a, Mat08, MR94, MQ00, MOU14, Ngu15, NB01, NFAE03, RVD00, RBT15, SD11, SD13b, SG16, SG07, SN04, SGN06, SN08, Tol04, TH09, TK15, WZL13, YS09, Zou10, Ano01a, Ano01b, BGP11].

volume-element [RBT15]. volume-finite [KD13, MK14].

Volumes [Ano041, BM04b, Ano92]. Vortex [BO87, GUS87, HK986, MAC86, MOZ87, Ta'86, CR04, NIC86, SOD91, VR01, ZFBT03].

vortical [Din93]. vorticity [AQ00, BP95, Gat91, KN93, Med96, RR00]. vorticity-stream [BP95].

vorticity-velocity [Gat91, Med96, RR00].

Vries [BDMK92, AM04, BR97, FWL18, Isk89]. vs [KL9, Nak05].

W [Ost02, PSW02, WSP04]. W-methods [Ost02, PSW02, WSP04]. W. [SS94a].
wakes [FPPS00]. wall [BL91, DM90a, TYKK01b, Uty08].
wall-bounded [BL91, DM90a, TYKK01b, Uty08].
was [BDN97]. wastewater [PGC01].
water [AQS94, BDMG12, Beh97, BGG12, CFLZ06, CCM17, FCX06, FBS09, HL03, IM00, Lie01, QLL08, STS00, SCT05, SW12, Ton10, VCC12, ZGDL17, de92b, vdHS01].
waters [CdCV03]. Wave [AD15, DH12a, Gus88, Vic87b, WVBM88, AD01a, CC18, Che88, CR04, CSCM96, Dek17, DM09b, DC09, EH91, FMS18, FRRJT10, FJP17, FJ09, FJH01, GL93, HM17, IJ14, JH00, JEG10, JH02, Kim95, KKE16, KR15, LH11, LKJ07, LN08, LMW07, LG02, MDF10, Mot17, Mul99, CPOGO17, CNS00, DGD03, EH05, GPP04, GM17, Jam95, LS16, Ric08, SW13, ZCSH11a, ZCSH11b].
wave-guide [SDK15]. Wavelet-based [BK09, CNS00, Ric08].
wavelet-set [AV00].
wavelet-like [SW13].
Waves [SR88b, AD01a, Bir87, CG015, DLM02, EZ03, EV06, HAG15, HD88, MRS03, MZ04, NC16, RX08].
way [TSPF01].
Weak [AB17, BWY03, TN16, ZZZ18, Abu04, CRR03, DR09a, DR09b, Gol86, KK11, Kom07, MW01Z18, Sch08a, TZ13, DM12].
Weak-convergence [BWY03].
weak-internal [CRR03]. Weakly [HL04, AL95, AAD14, BY09, LBM17a, CHLX07, CP17, DLPV17, DL16, GGS16, KX91, LD97, LNZ12, MH16a, Maj14, MO17, Moe98, Mok17, PT11, PTV16, Tan93, Vas17, dAF17].
weather [WCGW95]. weight [DSM11].
well [Lie01, TK15, ZGDL17, BDMG12, CHS17, Eng11, EL01, KD13, SSZ16].
Well-balanced [TK15, ZGDL17, BDMG12, KD13].
well-posed [Lie01]. well-posedness [SSZ16].
well-separated [Eng11].
well-spaced [CHS17]. wellbore [CML05].
Weller [LHWF08]. wells [GRGJ02].
Wendroff [De88]. Weniger [PCA10].
WENO [BL06, DGM18, GT02].
weitt [BDMG12]."
zero [ALY03, BC00a, LWCT07, Ske89a]. zero-coupon [ALY03]. zero-stable [Ske89a]. Zeros [VC10, ADG11, CMR12, CM06, DR01, DMR10, DIR13, DJM09, JJ15, JT09, KY17, PH91, Sim94a, TJK18, Wu03]. zeroth [SW17]. zeroth-order [SW17]. zeta [Pré10]. Zhang [RG02]. zones [BDMG12, KKE16].

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