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 [JJ15]. q [Bec02]. A [GPHAM12, SCvdH92, ZZW97, BC89a, Cha96, ST89]. Ax = b [Cui95]. B [HCX03, AFK92, FSU89]. β [AFS00, Sus10]. C⁰ [LHC09]. C¹ [DS17, Ber86, RL86]. C² [Ver93]. C₁ [Arc06]. H₂ [FG13]. cos(z) [VC10]. cos π/2x² [Coh90]. d [BDV17, DM97, LL02, MaR05, PSP04b]. δ [XZL07]. r² [WSY18]. r₁ [CXZ14]. c [Tan87, FR01, GGS04]. η [BSGU94]. exp(z) [IN89]. Fₙ(z) = fₙ o ⋯ o f₁(z) [Gil91]. G [Lev91a, BHHS10, SS10, BC89a]. G² [FPT03]. γ [JN07]. GL(E) [Ben98]. H [MS08b, AOW94, Mus11, SS00, TM05].
95j [Kni95]. 96g [Tsy96].

=1 [Bra00].


Adapting [Kos02]. Adaption [BS94b]. Adaptive [AFS11, BCS17, BGS06, BBRS09, BH97, CP97, DGD03, DM10, DJJ+15, FL90, GHKM09, GS89, IM00, KCW16, KMS10, KS09c, Lan97, LOS03, LGH11, MS05, MT05, Mol95, NRWF08, PSP04a, Pet87, Sar05, SFJ+05, ZW15, AS97, ABR05, AF89, 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, CXZ09, CL01b, Chr96, CY05, De 06, DF96, Dol14, DMR18, DGRS09, DH07, FD97, FVB05, FMGN94, FM95, FLÖ+97, GMZ11, GV18, GGO12, GGO16, GDS+15, GM17, HKZ08, HW97, HWCF15, HSY18, JD09, JGK11, Kal96, KDT17, KS09b, IW93, Lan95, Le99, LD10, LLS+96, Log04, DLM16, Man96, MRF00].

Adapt [AK00]. Acceptance [HP15]. Accuracy [BVB09, FG09, Hun02, LWD+09, Tur86, Bal00, BH12a, BPPT15, DT10, DS15, EN09, GMGF02, LK07, NW09, Rum87, SG00, SGN08, Tsa91, Tsa92]. Achievements [AB09b]. achieving [RB12]. Acidic [BMP05]. Acoustic [AL87, HD88, CAAT16, GGN12, HD04, HM86, HMP14, KJL12, KL07, LH11, Lee94, RX08]. Acoustics [AD15, Har98, HX11, LY16]. across [Gea93, GX93, Jéz99]. Act [Ise02]. Active [CG13, NU15, HO16, HMW05, LT05, RU07, Sch09]. Adams [ZJH18, AM95b, AGM95, IM98, JL91, Sha87]. Adams-type [AM95b]. Adaptation [BMGM12, Bai97, BS97a, But92, CLGD06, FMP04, JM94, Ram94]. Adaptations [in 96]. Adapted [AEG12, Fra04a, FM11, GHW01, Lin01, LE94, Mat09, TZ00, Van00].

Adapting [Kos02]. Adaption [BS94b]. Adaptive [AFS11, BCS17, BGS06, BBRS09, BH97, CP97, DGD03, DM10, DJJ+15, FL90, GHKM09, GS89, IM00, KCW16, KMS10, KS09c, Lan97, LOS03, LGH11, MS05, MT05, Mol95, NRWF08, PSP04a, Pet87, Sar05, SFJ+05, ZW15, AS97, ABR05, AF89, 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, CXZ09, CL01b, Chr96, CY05, De 06, DF96, Dol14, DMR18, DGRS09, DH07, FD97, FVB05, FMGN94, FM95, FLÖ+97, GMZ11, GV18, GGO12, GGO16, GDS+15, GM17, HKZ08, HW97, HWCF15, HSY18, JD09, JGK11, Kal96, KDT17, KS09b, IW93, Lan95, Le99, LD10, LLS+96, Log04, DLM16, Man96, MRF00].
advected [AD15]. Advection
[IHS13, ABR05, BN12, BM04b, BM04c, CdFN01, FMP04, GPPR12, GPAH16, GS94, HM15, Hin95, HT94, HV95, JL17, KOW05, KL09, LKV01, LR18, Liu09, MOU14, NMB10, SvdVvD06, Tro96, Usm97, dHV13].

advection-diffusion [GS94, dHV13].

advection-diffusion-reaction [GPPR12, wSJP15].

advection-dispersion [JL17].

advection-dominated [Hin95].

advection-reaction [HV95].

advection-reaction-diffusion [CdFN01].

advective [FMU15, GJR03].

aeroacoustic [AF04].

aeroacoustics [HG98].

aerodynamic [Jan93].

aerodynamical [De 02].

aerosol [DS07b, SB03].

aerosols [DS07a].

aerospace [Buc04].

affine [BMM03, BSZ99, GGO13, dRT99].

affine-scaling [dRT99].

against [Jes93].

age [AM95a].

age-structured [AM95a].

agent [LSGK15].

agent-based [LSGK15].

aggregation [GJV08, LS16, Mar03].

aggregation/disaggregation [Mar03].

Air [MZ87, DS03].

airfoil [De 02, KTS03, OK98].

Aitken [BKP15].

Alexisbad [vdHSW98].

algebra [HP91, LSK12].

Algebraic
[DH73, KS75].

alternating [ACM91, BLD17, CXZ14, DP85, DY03, GX11, JL94, MLB97, Phi87, ZH84].

alternating-direction [ACM91].

alternative [BDDV12, CP10].

alternatives [ADSS17].

ambiguity [CFV10].

American [ALY03, BAD13, CXZ15, HFL13, RP17, ST11].

AMLI [AV91].

among [CLP15].

amorphization [ZAB15].

Ampère [SWR11].

Amplitude [PM05, CJ90, Lyn99].

Amplitude-shape
analyses [HHR12]. Analysis
[AHT17, AMCR17, Ano02g, Bac16, BBD18, BK17, Bec18, BJ82, BGHR12, BGH+15, Cai15, CDGA17, CH07, Cod08, CG16, CA15, Cui04, DA16, DGCW17, yDqGnJT09, ELvdHS98, EN09, Fra16, GMM09, GS18, GJ08, GGO13, HN03, HW04, HS96, HS09b, IV16, JEG10, KLY05, KvyS15, KKE16, LHS00, Par14, S14, TMS87, VCC12, VdT03, vSW90, vS93, AG98, AGKR14, AGP97, AL17, AMH03, Arn95, AC16, AAD14, BBV13, BT97a, Ban97, BM13, BGG04, BBS11, BM00, Ben17, BN12, BRVC09, BC04a, BLM17a, BW15, BS09, BM09, Buc99, BS12, Bns06, CFCH09, CFKS07, CG03, Car93, Cat18, CKB13, CXZ09, CKT10, CK13, CDJT06, DEPS15, Dav98, DG10, DR09a, DA17, DXY09, Do05, DLN04, EL01, FF08, FVS5, FBT97, FH10, FS07, FR14, FL08].

analysis [GAML04, GT15, GLV03, GGN12, GHH09, GGMP88, GRL01, GKT10, GS94, HZ90, Har93, HM00, HH10b, HO16, Jac93, JKN94, Jam93, JT88, Ke18, Kop18, Kom17, KS04, KQ13a, KQ13b, KN93, KKR15, KAS17, LHC09, LPT94, LZ13, LD249, LP00, LI01a, LZW17, LT01, Lin09, LW18b, LRT99, LR04, MB08, Mag91, MO17, MP96, Man09, MT11, MM07, Mok17, OS12, PD06, PFH09, PA05, PH17, PSW02, Ran15, RGB16, SMEN04, Sch16b, SS94b, SW94, SZ12, ST05, Sou09, SHG86, TLP18, TX18, TH18, Toc01, TA13, Ton04, TLSS09, TD09, WY02, jWqW09, Wan17b, WYS18, YXZ18, ZZ016, Zh07, dPT96, vdHVW01, BR17].

Analytic
[JR02, LCLZ14, Fat10, Kza92, LSL11]. Analytic-numerical [JR02].

Angiograms [QM03]. angle [ADK94]. anharmonic [JZJ10]. Anisotropic [AL98, CZS04, CYM09, DMP08, D014, FMP04, Sim94b, AG05a, AGJM04, AKL08, DHM09, ES15, FH08, FM11, GHH09, Li0Z1a, MCS06, MM02c, Ngu15, Obe15, TSB10, Wei18]. annular [Ph191, YTTZ18]. Ansatz [GT15]. antennas [DDZK05]. anti [BMMZ06, Has08, HJ17]. anti-diffusive [BMMZ06]. anti-Gauss [Has08]. anti-periodic [HJ17]. anti-triangular [LMV17]. any [CYM09]. AOR [WWS07]. aperiodic [GP03]. APLA [DS02]. APNUM [LST07]. APP [Noo95]. appearance [SH91], appearing [KM95]. Appell [AMT17]. Appl [BrTBV87, Ku11, Ts96, YP18a]. Application
[BFH09, CKP15, C90, Ewi91, FKA+13, FMP04, HvdHV10, KCJP01, KRKM16, Rab94, Sid90, S15, AK00, AVMVM09, AM16a, BG06, Cao10, CAD03, CZS04, DF11, Die15, SSC13, F10, FHM+02, Gau96, GS89, Gug05, HK09, Jor11, Kim12, LWCT07, MB08, MG97, MI13, Mur98, PG02, QM10, RDH+12, RW87, STD12, Sam94, SS16, Sod91, Sza94, VG04, Vas17, WSP04, ZKW15, BS14a, BGG12, Gu00, LP01, Mur99b]. Applications
[AB12a, BJS12, BW06, CHM09, DGCW17, DGRS09, FF06, FFMZ13, GD09, Gro94, KP07, LP00, MA09, VB99, AES13, ABRW18, BV16, By01, BR01, BKP14, BV94, BDRZ04, Bu04, Cao98a, CHe12b, C05, D11, DMP08, DK16, EH07a, FR14, FBM17, GM93, yGqWsWC05, GSW09, HS98, JM16, JM94, KN03, KF17, Lai09, LGH11, LO96, DLM16, OSt02, OTK04, PCA10, ROB17, Riv09, RV05b, Riv06, Sae14, Wen05, WWLS08, vDS01, LD02].

Applied
[Rei85, ZC811a, AMT13, AMH03, AC96, B14, BGM12, BTMT08, BJ00, C06, DZ12a, DS05, Den15, Fer14, G086, HHR12, HO10, HM00, HMW05, IHS13, KDA16, AOR].
Approach
[TMS87, AMT17, AD99, AMV03, ARSW05, BMR+17a, Beh93, BM03, BMGGG12, BDDV12, BBO03, CBT13, CCBGV08, Cao98b, Car94, CLR11, CGCMTR02, CXZ15, CD18, CCB99, DPPR16, Dou91, DS15, EB12, FJ17, FV85, For11, GQ89, GDMJ02, GKI07, GL17, Har98, HPH88, HP14, IHS13, Jes93, KHM+14, KK11, KO92, Kid90b, Kie17, Kim14, KR15, LBLT13, LMSW17, LN08, LP00, MP97, Mit97, Mou03, Nes16, NT16, RV99, RMS17, SC11, SK97, SH09, SW95d, SWR11, VBG96, WCW14, WPL16, Zan01, ZPT92].

Approaches
[CHR03, Min87, AAD+08, Buc99, CBT99, DMH18, LWD+09, Sv95, WL10].

Approaching
[DL13].

approximants
[Ari87, BW15, Cat10, CDM+05, CV88, Dar90, DGMV00, Gil10, GVP93, IN89, KS91, Krd90a, Mat91, MdR05, OGV92b, OGV92a, Pre90, Pre95, Sad97, van86a, vl87].

Approximate
[AM09, BLS+17, Huc99, SC99, Dat99b, DMH18, LWD+09, Sv95, WL10].

approximated
[WC02].

Approximation
[ARGA00, AK00, AB14, BM89, DO17a, EL94, HP97, KL98, KSC07, KS01, KP01, Lvo12, Wen10a, ABJ12, ABK12, AEG12, An16, BC12, BLD17, BDGP06, BDF99, BD07, BM05, BKR13, Bel91, By01, BGGG13, BM04c, Bho11, Bho12, Bla00, BG14, BDDV17, B011, BP85, BM06, Bre02b, Bre10, BE99, CFS13, CF13a, Chel12b, Cho13, Cod08, Cop03, CF05, CD05, CCM17, CLS04, Coy12, DZ12a, DDP12, DO17b, DR09b, DD18, DGMVPO09, DB95, DL06, DR93, EAS12, EGH01, FT06, FJ95, FJS99, Fun94, GS15a, GP00, GL17, GN86, yGqWsWC05, Gwi09, HB02, HPS12, HHT97, HSS04, HR14, Hin97, HW93, Jad94, JM05, Jun06, JT06b, KP18, KBS11, KK11, KO92, Kid90b, Kie17, Kim14, KPR12a, KX03, LW04, LWRF08, Li16, LSY17, LS12, LC99, LMS08, Lor10].

approach [Lut98a, MRF00, MS02, MS13, Mot17, NY13, Nke07, NS16, PR09, Pas91, PH17, PM14, Rii92, RMS17, RX08, Ro06, RA09, Sad96, SSZ16, SL15, TKN11, TY03, Vas17, VW17, WS10, XL09b, YY13, YR09, Zho17, Zou10, ZCC11].

Approximations
[Ghe97, Sub04, AL95, AOW94, AMCM09, AD01b, BM91, BM00, Bok03, Bre06, Bre96, Bu06, BGS02, BC00a, But09, CC90, CHSS01, CJ17, Chel12a, Coh90, CSM07, DDZK05, Dek17, FJP17, Fun90, GT15, GT00, GJ00, Go01, GGG16, JV09, KPY15, KZ13, KW93, Len00, Li11, LX09, Lyn99, MS99a, MT06, MV17, MP15, NB01, Nov08, PGS10, QAE+09, RF16, Ren14, SA12b, Ske99, SN04, Tol04, VR01, WAV12, WWLS08, Xu13, YL09, ZCZ15, ZXC17, Zup03].

aqueous
[BMP05].

aquifer [MNR14].

arbitrary
[PGM86, Bal00, BS00a, CLS04, CG14, DM09a, FB17, GDMJ02, RV00, Tol03].

arbitrary-order [Tol03].

architectures
[BCC99, JP93, WWS+93].

arcs
[DSSV13, HLL09].

area [AMV03, SC93].

areas [CCM17].

argument [Bic16].

arguments [Hu99, Lz17].

arise [DL01, ZNK02].

arising [Aff94, ABFV09, AC08, BK06, BVT14, BR94, CG92, CMK15, Em012, FBS09, Guo96, Hua98, Iga85, KO96, KAS17, Le 12, LMA18, Pea16, Por17, SS99, Sch87].

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

ARK [BR05].

ARKN [FW07, FRa06, YY08].

ARMS
Arnoldi [AB14, Hey10, Jia02, RS08b, SW95b].
Arnoldi-type [AB14, AB12a].
ART [San03]. arteries [TDC13]. Artificial [MP85, KE96, LW04, Nor97, QL15, RG¨OS18, Rya00, SGN06, WL18, WS04, XL09b].
Asian [BNV06, ZO14]. aspect [ML91, NR97, Pic05]. Aspects [Gar87, BV94, Dal00, Fun90, GKT10, KPR06, LA12, MdR05, vdSvdH95].
assembly [NRR06].
assessment [BDSG09, LS07b].
asset [CF08].
assigned [CMP15].
assignment [OP04].
azimuthal [AB12b, DJL04]. Averaging [DD97, BP12b, CCMSS11, CH90, Dal13, EK95, FVGS13]. Avoiding [Hin95, PJB04]. axially [DI15, LDIW16]. axis [GHKM09, GS09, IMM04, MI03].
Axisymmetric [Mac86, AC08, Nke07, Sel14]. axons [LFL14]. AZTEC [SW86].
based [PB10, Pow94, QM03, RSY12, Ric08, RiR92, RMK09, SST12, SaE14, Sch08a, SW90a, SG96, SH10, SWW17, SXP09, SL15, SLZ10, SL17, SW86, TYKK01a, USHT03, VV02, VBD93, Wal00b, WL10, YCY12, Yi12, YC16, Yu99, YP18a, YP18b, YH07, ZHJ14, ZO14, ZH15, Zla85b, dAF17, dFN00]. bases [AA94, AFS11, DDHS97, GPP04, PR12, Win04]. Bashforth [ZJH18]. basic [AR93, HSW99]. basins [CN16]. basis [Alb96, BAD13, BG11c, CPZ17, Gar96, GS92, Jun07, KKT16, Kwe00, LH11, MH14, Roz05, Sar05, SJ11, uIVS13, Ste97, TLSS09, War92, XB14, ZT06, ZHL03]. basket [DLM16]. batch [Die15, QAE09]. BCH [WC02]. BCH-formula [WC02]. BDF [AS04, CC90, Hin95, PH17, Sha87]. BDF-type [PH17]. BDF2 [HS96, LT12]. be [Man08, Mur99]. Beam [CRR03, DRC85, TMS87, AC18, Czy18, CF13c, LT07, Ma03]. beams [AMH03, CCS02, LR01]. Becker [DS01]. Behavior [CY98, Sch02, Cao97, LP00a, Sim94a, Wal95, Wan01]. behaviors [By01]. behaviour [Bre88, Bur91, CCP04, DLM02, LO96, MRS03, Sch04, SK01]. Behavioural [SMC08]. behaviours [Leo10]. Bellman [BGS06, FLS94, For11, RF16]. Bel’tyukov [SV00]. bem [MOS12, AD08, ADS17, AFLAG+12, AFLAG12, AFF+15, BF15, CML05, CS09, DS07c, EH05, GMM09, GMS12, Gon06, HY01, JS09, KMS10, MS08b, NS12, RV09, Se14, ST14b]. Benchmark [GG012, GGO16, AS00, NER95]. bending [HLC01, LR01]. Berenger [BP97]. Bernoulli [AC10, Nap16, ROB17]. Bernstein [GS15b, BRIP08, BWY17, DSM11, JBLC11, Win04]. Bertalanffy [RA17]. Bessel [Che12a, Har00, KM17, SS10, XGM08]. best [JM05, PA91]. Beta [YC00]. Beta-spline [YC00]. beyond [SW95d]. Bézier [BRIP08, GS15b, JBLC11, ZSJ04]. BFGS [CD18, CSM07]. BGK [Ale11, JN07]. Bi [JP17, SSVG10]. Bi-CGSTAB [SSV10]. Bi-frames [JP17]. biased [HL97]. BicG [Sv95]. BICGSTAB [MC00, Fu02]. Bicompact [AR15]. bidiagonalization [KBG04]. bidomain [BK09, PS09]. Biennial [ANO02g]. Bifurcation [KF97, ZG92a, ZG92b, H110b, Mar93, RSL98, YT03]. Bifurcations [RAS99, Eir99, RV05b]. biharmonic [Chr01, LHH08, MB10, NMB10]. bilinear [GGR97]. bin [AM16b]. Bingham [Mur15, TT03]. binning [DS07b]. binomial [DL01]. bio [SK96]. bio-chemical [SK96]. biochemical [BRBM08, BBKS07]. biodegradation [BM05]. biofilm [CL02b]. biofilms [CCK03]. biological [PGC01]. biology [Dai00]. bioluminescence [CdCV03]. biometric [Sae14]. Biorthogonal [Bre02b, MB08]. biorthogonality [BZ96]. Biot [BLY17, GLV03, GLV06]. biotechnology [AMV03]. biperiodic [Rat13]. biplane [QM03]. bipolar [Mo95]. biquadratic [HLZ06]. Birkhoff [NBNTGV11, CN17, MM17]. Birth [BM17b, BLM17b]. Birthday [CHM09, EST15]. bisection [PSP05, RV09, RRMJ12]. bistable [EV96]. Bits [WWS93]. bivariate [BES18, JBLC11, KP03a, MST07, OGV92b]. Bjööck [MP98]. Black [AAM03, Bis11, IV09]. blades [ARSW05]. Blended [BM02, CL85]. blending [DSV13, LY01, MMP02a]. Bloch [HLR18].
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]. blur [MRS10]. boards [BLW02]. Body [PGM86, Arn95, CFKS07, HOS99, Lei99, Lei02, Mur98, PRST02, SK01]. Boltzmann [LLL08, VVR08]. Bona [ADM10]. bonded [Kok08]. bonds [ALY03]. BoomerAMG [HY02]. Booster [PSB91]. Bose [ZB07]. both [BB98, CL07, Kop89]. Bound [TD09, BMM03, Yu08, dC18]. bound-constrained [BMM03]. Boundaries [Gus88, ADFR18, BHJ05, BDSG09, LR03, MMMK17, Not97, Not99, Rya00]. Boundary [AQ594, AM95b, BG11a, CHM09, Hsi06, LT93, PT09, Pec09, SM85, TMS87, TLSS09, AS11, AL09, AyLqW18, AMP03, AMCR17, AMR14, AGM95, AD18, AFLG+12, ABRW18, Bac18, BC02, BP14, BBD18, BDSG09, BM00, BCL15, BCC16, BGH08, BRRS97, BBD08, Bog00, BP97, Bor02, BP85, BM06, BT93a, BT93b, BT95, BT98, Cai09, CDV00, CL08, CGA93, Cas96, CW98, CH01, CZ12, CHH15, CS09, Chr01, CRR03, CN15, CN17, DY17, DB97, Deal11, DA16, DMPSC16, DP85, DY03, Ehr08, EH88, EZ98, EH06, EFLFP09, EH91, FS15, FMS18, Fat12, FE93, FL15, Fer93, FJ10, Fun94, GW09, GGM95, GM95, Ghe97, GP98, GH02, Gwi09, HG98, HH98, HN03, HJ09, HD04, HM15, HK93, Hen99, HL03,HX11, HT00, HLL09, HBJ09, HLS16]. boundary [IO18, JP08b, Jeo09, Jun06, KDAK13, KDT17, Kat89, Kel85, KOR18, KG90, KS09a, Kvys15, KS01, KW93, KK02, Kur98, LHH96, LRS09, Lam13, LM00, LP05, LY01, LW04, Li11, LA11, LZW17, Lio11, LC99, LO03, LMSW17, LL02, LOM98, Ma03, MOS02, Mau06, MS03, MS90, MG18, Nes16, NY13, O’L87, OS08, PZM16, PPS10, Pap95, PT95, Pul12, QMCL15, QAMX17, RK08, RvDCVR02, RTU15, Rya00, Sch96, Sch93, Sch16b, SWFK13, SC08, SG00, Sod91, SDK15, Sof17, SS02, SHG86, SW85, ST08, Sub04, Tlnt09, TY98, VOO06, VVo2, Wag85, Wan07a, Wan07b, jWqW09, Wan11, jW15, WL16, Wan17b, WL18, War92, WW14, WT17, WS04, XL09b, YGY15, YL13, Ye04, Yos00, hYqW12, ZT15, ZG92b, Zha96, ZC11, ZPT92, Zho17, Zho18, ZWL11, ZR15, vR04, AGM09]. Boundary-Fitted [TMS87].
boundary-value [Bac18, Fun94, LC99].
bounded [Ber05, BL91, Che12b, Hin97, MDRR11, MS03, Wal00a]. boundedness [FS05, GLMY17, MDP10, MV17, Spi13]. boundedness-preserving [MDP10].
Bounding [BRRS15, Coo89, Gil10]. Bounds [MSP10, Bou16, Che16, CF13b, Dra97, Fac03, GH94, GH02, JR02, KS10, LSK12, LVPI14, LW92a, Nak12, NN10, Roz05, The17, WWX13, YB10].
Burgers’ [ZZL17, BDKM92, BHJ13, KK86, LZY09, PR09, Rob01, WL10, ZH18]. Burgers-type [BHJ13]. buried [QL16]. Butcher [JKN94, VS94]. BV [LT93].
BV-stability [LT93]. BVM [BMT93]. BVMs [MS02]. BVPs [BP12b, BRW17, GHKM09, HM09, MST09, PPS10, ZLZ15, MS02, SM93].
Cahn [BCM04, CZZZ18, CL04, HLT07, KK09a]. calcium [NRWF08]. Calculating [HC01, Tar98, AY15, DSW96]. Calculation [JZJ10, Bec02, KCW16, MAG13, SW06, WSC09]. Calculations [Mac86, RBBC85, BNH01, BC93, CSMC96, KL87, LTC03, Mun00, Var92]. calculus [Lub92, MC17]. calibration [RW87]. Camassa [AS06, CLP15, RLSS06]. can [Var92]. Canada [CTFW08]. Canonical [BLM17b]. cantilever [LT07]. Capacitance [FP85, GOGF03, O’LT87]. Capillary [VK17].
capturing [Aca12, KD13]. Cart [CDW13]. Carathéodory [Sac14]. cardiac [BK09, CKP15, FPS15, NK11, YV17].
Carleman [Kli15]. Carlo [LH013, MD06, DE18]. Cartesian [ASCM02, ASC03, Bac17c, BP12a, FD16, FdSB02, Fre04, Kim14, TY00, WE99].
cascade [AB15]. Cascadic [MRS10]. case [Beg00, BRW17, CMR12, CY05, GANT02, Jes93, MN03, Med96]. cases [PCA10].
catenary [AS00]. Cauchy [AK95, Cum95, FFQ09, JP08a, KI15, MP98, Mat91, Rab94].
Cauchy-type [Mat91]. Caustics [SR88b]. cavitating [XLK07]. cavities [DdCVR03, QC12, dL03]. cavity [Du11, Gu00, JP08a, RB02, WWLS08].
Cayley [LP00, MO11]. CBEM [JS09]. CE [QM10]. CE/SE [QM10]. cell [Aya09, Bar09, Ber15, BW95, BG03, Car94, Dal00, EK95, FS88b, JP08a, JEO09, MSS15, Ush18, ZL18].
cell-averaging [EK95].
cell-centered [Bar09, BW95, BG03, FS88b]. cells [Ber15]. cellular [KCP15]. CEM [AG98, DK14]. centennial [F.197]. center [CPD+05, ZB07]. Centered [To04, Bar09, BW95, BG03, EN09, FS88b, LR18]. central [ASCM02, ASC03, BL06, CXXF14, DL16, FCX06, JTB15, LPR00b, NR06, Pap95, PGDB08, QCW04, Tou10, TJ12, TK15, iV09, BM12b].
central-upwind [CXXF14, FCX06]. centred [SGN08].
centrification [BBCS09]. centrifuges [BCS06]. Certain [DL01, BKP15, DMGVP009, Dr97, Fuh01, GS96, GS95, LS86, LFP04].
certified [Che16]. CFD [BTMT08, BS97a, QM03, SST04]. CFIEs [CM14]. CFL [MZ04]. CG [Sch99, dv95a]. CGLS [Baz03]. CGSTAB [SSV10]. chain [LT93].
chains [BT02, Buc99, DNW18, Mar03]. challenges [DBH+05]. change [CH15, Sal93]. changes [Wag98]. changing [DCC14, SY08].
channel [BJ00, Gla93, Jun06, PK91, RKVZ15, jWyGo8].
chaos [CJL13, Pul90, Pul12, ZMC13].
chaotic [SK01].
character [Mar99b]. characteristic [Bre06, EAS12, FLR08, JZJ10, LY08, SAG86, SWW11, Zn93], characteristics [LCVG01, Mar03, PG02, YY13, Zi99]. 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, DSS90, DSW96, EK95, FFY08, HM00, KK09b, KY17, MQ17, Mac92, Maj17b, MM07, MRFF17, PH17, SWW17, SWX00, Shi00, Xu16, ZK00, vS97].
Chebyshev-collocation [MQ17, SWX00]. Chemical [ND85, BBV05, CKB13, DS02, DS03, KCCP01, PM05, SK96, ZdBT03, dBo3].
chemistry [BGG12, VS95, VBH96, WK02].
chemotaxis [CST18].
chemotaxis-swimming [CST18]. chess [WWS+93]. Chile [BGHR12, BHG+15].
Chilean [BGHR12, BHG+15]. China [LST07]. chip [SG05].
Choice [GC15, BS00a, CDD00, EG88, Lay08, Neu88, PA91].
Choices [San98, GAW09, SWFK13].
Cholesky [HPS12, LN92, Nro09]. Choose [Rob10].
choiroographies [RS14].
Christoffel [Bre91]. chromatography [DGM18, vHA98].
circle [BRS16, CCBG08, DGW00, DBCBPP10, DRR13, SL01a].
circuit [AKGR14, BLW02, GG95, MT11, PGS10, ST05].
circuits [BBS11, GR93].
circular [Duf90, HT00, LMS08, LBCN00, Son91].
Circulation [ZW87, LG02].
Clenshaw [CL14, Maj17a].
closed [TMM15].
cluster [DS01].
co-coercive [LLY11].
co-existing [CZY08].
coarse-mesh [FBS02].
coarsening [GGLR09, GGR97, LWT07, de96].
coastal [KDAK16].
coaxial [IJ14].
cochlear [BF09].
Code [Ara99, ZW87, AA87, AB98, CHT07, GPPR12, Sal89, SW86, WSP97, WB92a].
codes [BMR+17a, Ber86, BT97c, GM02, GM04, Sha85b, Sha87].
coefficient [Bj01, Bj03, BRW17, CCL04, DP12, DL01, HP14, HLS16, IT16, JR02, KS07, Lu98a, PJB04, Su94, SW17, TK05].
Coefficients [Hig93b, AL09, BF17, BC05, Cj90, CO04b, Cm17, CL88, DTY09, DCC14, DKK94, DC09, HLMKZ06, Jv09, KP92, LP01, Ma17b, ML16, PM14, Spi13, VSeYD02, WCXL09, YT00, ZM17].
coercive [DHS05, LLY11]. coherent [CCP04].
Collaborating [MR92]. collapse [TYKK01b]. collapsible [LT00, TYKK01a]. collisions [CLP15]. Collocation [AB88, BR97, CN15, HM17, AV96, AFS02, Bal00, BAD13, BZ17a, BIM15, Bru92, BMM97b, BMM97a, Bru07, CHLX07, CP05a, CP09, CDP12, CN17, Cum95, DP12, DS07a, DHL00, DLVP17, DDBB14, ERS00, EHM01, FID18a, FDL18, GPHAM12, GT93a, Gug05, yGpY09, Han93, HM15, HM00, Hu99, HR96, HKP89, IO18, JZK06, Jof05, K008, LLH96, LFW00, LFW17, MQO17, MS86, MRFF17, Pat00, PM91, PT11, PTV16, PA91, PK91, RK08, Sch93, SLW17, SWX00, tSrqWyG16, SJ11, ulIVS13, SK10, WKM04, WMF17, WC14, ZCSH11a, ZCSH11b].
collocated-based [Pat00].
collocation-type [Han93].
colored [Kom07].
column [GY94].
column-block [GY94]. combination [HEG16, LKV01, MM02b]. combinations [DJM09, LH02, WM08]. combinatorial [HEG16, LKV01, MM02b]. combine [APJ09, MK14, PA18]. Combining [DM12].
Combustion [BH85, BBR05, CS98, KCJP01, K008, NR97]. commodity [ZGO12]. common [Alb96, BWY17].
communication [dv95a]. commutator [BM06a]. commutator-free [BM06a]. commuting [BB99]. compact [CGA93, CRU15, GX11, GLLW14, HJKW17, Jor11, Pirt09, SG16, Ven15, Wan17b, YT00, ZGDL17]. compact-WENO [SG16, ZGDL17]. compactification [DB95, MW93]. compactly [Ehr08].
Companion [BR01, BW06, WM04]. Comparative [BDFFSISC08, BT09, CG03, GRL101, PSP05]. Comparison [ACM09, CKPS15, EVO06, MOO95b, NN10, PCCR17, Aya09, BD07, Boy91a, CL01a, EK97, GP01, HT94, KPR06, KW12, LWD+09, LPZ00, MD96, NN13, VSeYD02]. Comparisons [YTZZ18, WSS97].
Compatible [GP00]. Compensated [WG10]. Compensation [KRBK16].
complement [Cao90, Cao10, CG89, KMS10]. complementarity [Ius97, KP03b, LLL12, LMP99, MH16a, WZ14]. complements [RZ04, GM87]. complete [CGGGS13, Meu14]. Completion [Sei02].
Complex [CFCH09, AC08, AES13, AMS17, Dar90, DKK94, Fun09, Gab02, Kar89, KDK17, Lu98a, PH91, TC03, TY00].
complex-symmetric [AC08]. Complexity [LRT99, MMS10, MTT90]. compliance [CFRA08, FH10].

complexification [DB95, MW93]. compactly [Ehr08].

compactification [DB95, MW93]. compactly [Ehr08].

compactification [DB95, MW93]. compactly [Ehr08].

Complex [CFCH09, AC08, AES13, AMS17, Dar90, DKK94, Fun09, Gab02, Kar89, KDK17, Lu98a, PH91, TC03, TY00].
complex-symmetric [AC08]. Complexity [LRT99, MMS10, MTT90]. compliance [CFRA08, FH10].
compactification [DB95, MW93]. compactly [Ehr08].

complexification [DB95, MW93]. compactly [Ehr08].

complexification [DB95, MW93]. compactly [Ehr08].

complexification [DB95, MW93]. compactly [Ehr08].

complexification [DB95, MW93]. compactly [Ehr08].

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complexification [DB95, MW93]. compactly [Ehr08].

complexification [DB95, MW93]. compactly [Ehr08].

complexification [DB95, MW93]. compactly [Ehr08].

complexification [DB95, MW93]. compactly [Ehr08].

complexification [DB95, MW93]. compactly [Ehr08].
Computationally [YK07, AA87].

Computations
[BDKM92, Li01b, AS97, Asc12, BC02, Chr96, Dat99a, FL01a, GT15, Gat91, KH91, Kor95, LSGK15, MS08a, MM16, MPG16+, WPS18, ZP12, van95, vdHMdS99].

compute [MDRR11]. computed [EH08, WT08].

computer [BRSD91, Fre91, Her91, Ney95, de 95a].

computerized [San03].

computers [SK91, Som93, VS94, dH95, de 92b, dv95a, vvdV97].

Computing [Alt85, ALP96, Boy06, CFTW08, CF18, HM09, HP91, KBG04, LST07, LW07, Lu98b, Tan87, Yos00, AT13, BC99, CKM10, CB99, CCR02, Dif93, FHM10, Gil91, Jia02, KW98, LMV17, Li00b, LfX15, Mar03, Mat86, Moo95a, ST09b, Tru00, WB90, ZC91]. concrete [SC11].

Conception [BGHR12, BGH15].

concepts [HSW99].

Concerning [Han06].

condensates [ZB07].

Condition [AK93, Kor95, Win01, Ang06, BM12a, BP97, BG11c, CMS06, DA16, Dob05, KBS11, Lan13, LH08, LH09, LW18a, NC16, OMP98, RVdCVR02, RBC02, Vml95, jWqW09, jW15, WL16, YL13, hYqW12, Zho18, dC18, vR04].

Conditioning [Mag91, Not92, BF09, Li12].

Conditions
[ANO87a, Gus88, JLB6, JL87, PT09, AS11, AQS94, AK95, BBD18, BDG09, BCL15, BMS99, Bor02, BMV06, BB98, BS96b, BT97d, CL02a, CH95b, CPP02, CAAT16, Chn17, CN15, CH90, Cve02, DY17, Dea11, DP85, Ehr08, EH88, EZ98, FJ09, Gar10, GP98, GMS12, Gu01, HG98, HH98, HN03, HJ09, HD04, HJ17, HL03, HJ09, JW01, KVY15, Kom07, KM18, LA11, Lie01, Lin01, Ma03, MVVA09a, MVVA09b, MW93, MZ04, Meu14, MG18, Nes16, NMB10, OLS7, PPS10, QMLC15, QAXM17, Rya00, Sch96, Sch16b, SO8, SG00, SDK15, SFP7, SS02, SHG86, SPM97, Str98a, VV02, Wag85, WL18, WT17, WS04, ZR15, BG11a].

Conduction
[BL94, LW18b, MVVA09b, RMK90, YY13].

Conductive [BBV13].

Conductivities [YV17].

Conductivity [CML05, DM09a].

cone [BSZ99, MYSC17].

cones [MMP02a].

Conference [Ano02g, LST07, FJ97, Wvn10a, vdHSW98, Ano00a]. confined [MT05].

Conflict [Fuj99].

Conflict-Free [Fuj99].

Conformal
[Al03, BBB03, CLR11, LW07].

Conforming
[BBG18, AW03, CYM09, DDP12, DN08, GGO16, PXM16, PK91, WCQ18, XL09b].

Congress [MH89].

Conics [DS17].

Conjugate
[BGH08, DW00, DW15, EAS12, GR02, HVY91, Pfl08, San03, SW95d, vdES04].

Connection [Pet92, VV95].

Conquer [DH94, Jes93].

Conservation
[AM09, AKG14, AFF94, Ang06, Bac14, BMGM12, BJ02, BTP96, BFA93, BDF94, BM12b, Bor16, BGP11, BGS02, CH15, Dae92, DF96, DGRS09, EK96, FL01b, GT00, GJ17, HSS07, Hor02, HWCF15, KS09b, KXR+04, KLSW06, LPR00a, LPR00b, Luo18, PGDB08, SG17, Tan01, TX12, XF06, Ye04].

Conservative
[BDM03, CHSS01, CS08, CL04, Fou00, FLL11, HLMKZ06, HJL18, KIM07, LCD16, LR18, MQ03, ZQLK11].

Conserving
[BRBM08, BBKS07, Hor93, Ito17].

Considerations
[FHL13].

Consistency
[Hor93, Kel85, LL06, SKR+16].

Consistent
[HB09, XU13, GHK16, Sid90, WKP12].

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, CXX14, CD18, EM05b, FLMR14, Han87, KLSW10, LS93, LWCT07, Meh08, RP01, SP99, Tou01, USHT03, Yu08, YP18a, YP18b, ZP12].
Constraint
[Cao09, RP01, ZW87, Che16, YD07].

constraints
[Aca12, BSZ15, BGIW18, CDI91, HDSRI17, KP03a, LDP†14, MTD05, Sch09, YLS†09].

constructing
[LS93, Ran15, Ren14, Sad97, Tol03, WWS†93]. Construction
[BSZ15, BGIW18, CDI91, HDSRI17, KP03a, LDP†14, MDT05, Sch09, YLS†09].

constructive
[LS93, Ran15, Ren14, Sad97, Tol03, WWS†93]. Construction
[BSZ15, BGIW18, CDI91, HDSRI17, KP03a, LDP†14, MDT05, Sch09, YLS†09].

continuation
[BZ17b, HH10b, Jac88, JMP06, KLSW10]. continuations
[Lyo12].

Continued
[JT88, Bre88, CV88, GGMP88, Gil91, Han88, Jac88, Lem88, Lev91a, Lor10, Njå88, Waa88].

continuity
[AW03]. Continuous
[BDP99, BDP99, CW98, CM07, CLGD06, EH97, TYJ11, Arc96, BT97a, BV96, Bel97, BN12, BGS02, CCP17, DV95b, DMR18, Fra16, GB99, JR02, JNPC03, KK17, LHC09, LOS03, LSZ17, MST09, Pic05, SAI2b, VZ93, ZL18, ZU14].

continuous-discontinuous
[Fra16].

continuous-time
[KK17].

continuous/continuous [ZU14].

continuously
[CST97, Zha09]. continuum
[Da100, JEG10]. contours
[FPT03, Hin97].

contract
[GQ08, MQ00]. contraction
[PK91].

Contractivity
[Bel97, GCH06, JLR94, Zen93, BZ92, Hor99, Kra92, ONL89, San89, Wan17a, in 02].

Contractivity/monotonicity
[GCHR06].

contrast
[ZCC11].

contraction
[PK91].

contraction
[PK91].

 contraction
[PK91].

controlled
[EK95].

controller
[LT07].

controlling
[For02].

Convection
[RRBC85, BO04, BC08a, BBCS05, BC04a, BW96a, BW97, Bla00, BTDV10, CP05b, CT93, CK13, CJS98, DDS99, DYX90, DM11a, Die15, DdCVR03, DL06, Fra14, Fra16, GAML04, GD09, HM00, Hua17, Jun06, KT05, KC03, KS01, Len00, LY09, LS99b, LD02, Luc05, MOS02, Mar05, Mat09, MG18, NS03, OQ15, Sch93, Sch91, SZ09, SG07, Str98a, ST08, SWW11, Tso00, VL08, WL99b, WK00, YZ17, ZM13, ZML†12, ZM13, ZML†12, ZU14].

convection-diffusion
[BW97, Bla00, CT93, Die15, Fra14, Fra16, KS01, Len00, LS99b, OQ15, SAC93, YZ17, ZMC13, ZML†12, ZU14].

convection-reaction
[BW96a].

Convergence
[ACMR06, APJ10, AFLG†12, BASC17, BM00, BK97, BF91, BW15, Boy15, BD11, Bür13, CGT13, CC90, Car09a, CC04a, CXZ09, CIZ12, CHS17, CJS17b, DG10, DS05, DYX09, DL04, DH07, Fel06, FM11, GMZ11, GG12, GS05, GGRN17, Hau88, Ise94, JT15, Jay95, KO08, Lod08, KK86, Knu99, KY17, Kza92, Kza99, Len88, Lev91b, Lio1a, Liu02, MZS10, MT11, OTO2, Pd09, Ran16, RT14, Sac93, SA12b, Wan96, WS04, ZT06, vdSvdH95, ALMM09, AHT17, AM99, AM00, AMP03, AHIR12, AB17, AFR12, AK92, AL05, BMY03, BGO13, Bho12, BRZ10, BM09, CGGGS11, Cao97, Cao98a, Cao01, CL07, CJX11, CH13, Con04, Cum95, Cuy90, CH90, Cve02, Dar09, DA17, DMGVO05, Doy91, EGH01, FLY08, Fdi07b, FS88b,
FR01, GH91, Gan96, GM94, HPY92, HO10]. convergence
[HCX03, ITZ17, JW01, KS91, Kie15, KAS17, LR93, Len00, Lev91a, Lin01, LMP99, MO92, MO93, MT94, MS90, MR94, Nke97, Oos95, OG99b, Poh93, PCA10, Pr95, SSV99, SW99a, SXP99, SL09, Sid10, SS13b, TN16, TH18, VU95, Wai90, WMC09, WZ17, Xu13, YXT17, Yua93, ZLO1, ZZW97, in 95, GPHAM12].

Convergent
[Fid17, AB07, BM01, BO11, CDW13, KKN13, KKN17, RTU15, SG04, Pr95, SSV89, SW09a, SXP09, SL09, Sid10, SS13b, TN16, TH18, VU95, Wai90, WMC09, WZ17, Xu13, YXT17, Yua93, ZLO1, ZZW97, in 95, GPHAM12].

Converging
[Jéz04].

Convex
[AM10b, CP97, CKK10, CF18, EB12, Mik97, PCR17, RL86, SC11, YLS09].

Convex/concave
[SC11].

Convolution
[SWW16, Bho11, HR14, LFS15, Lub92].

Convolutional
[RMS17].

Convolved
[Con04].

Cook
[CCZZ18].

Cooperate
[AC10].

Cooperative
[CZY08].

Coordinate
[TMS87, CFX08].

Coordinate-free
[FFJ+01].

Coordinates
[DS15, KDAK13, LWT07, Pto00, WE99, YH00].

Core
[MMBB07, MM16].

Corner
[AQ00, CGG02, CKK10].

Corners
[BP12a, Chu03, FL15, Lau17a, MPTT17].

Correct
[Pr00].

Corrected
[Con99, AF80, CKB12].

Correction
[AB12a, BDF95, BM06b, CP94, CW08, DS15b, DSZ15a, FR01, GDS15, HS11, Hu99, Kec07, Lay08, Lay09, NN13, QMLC15, VV02, ZHJ14].

Corrections
[Agu15, BG03, CH90, HFL12, Hun02, Min04].

Corrective
[KN08].

Corrector
[Bur91, Car99b, CZX15, IM02, JL91, LLL12, Wai98, Zha95b, de 95b, vC93, Bur93b].

Correctors
[Lay08].

Correspondence
[Jia12].

Corresponding
[LFX15].

Corrigendum
[BtTBV87, JL87, YP18a].

Corrosion
[BMP05].

Cosine
[DEPS15, FOMC05].

Cost
[TSFB01, BBG14, Dra97, FV01].

Cost-effective
[TSFB01].

Costs
[AD99].

Cosymmetry
[KT05].

Cotes
[Agu15].

Couette
[MD00, SH91].

Coulomb
[KPR06].

Coupled
[AB16, DS97a, AGJ12, BS90, Bog16, BSP04, CA098b, Den07, JCSR03, JNPC03, KLSW10, LMA18, LZ17, MP05, QAE09, SA12a, Sea09, ST05, SW05, Tro93, XZL07, Zhe07].

Coupling
[EJS11, GMS12, UNGD08, Ben17, BMS89, DZ12a, Den07, DMQ02, Dor9, FPS15, FLL11, GQ99, GMM09, HY01, HSW16, JS09, KMS10, MOS12, MT11, Rob10, Sus10].

Coupon
[ALY03].

Covariance
[FFU89].

Covolume
[AFM94].

Covolume-based
[Kan04].

Cowell
[vdHMd99].

Cox
[AMCM99, CM13, Har99, ZO14].

Cray
[CB99, HVY91, Noo95, WVB11, van95].

Cray-2
[WVB11].

Creeping
[GP00].

Criteria
[Ush18, Gol00, Gul15].

Criterion
[CDD00, LPT16, SL09].

Critical
[Ari04, BH97, CJL13, MP11].

Cross
[BWEP95, BKR13, GS15a, GLS09, IJ14, Meh08, van86a].

Cross-diffusion
[GS15a].

Cross-section
[Meh08].

Crossed
[NT16].

Crouzeix
[BC08b].

Crystal
[NS13, ZAB15].

Crystallization
[ABP95].

Crystallizers
[QAE09].

Cubature
[CBHY11, DSV13].

Cube
[BDV17].

Cubed
[CNT07].

Cubed-sphere
[CNT07].

Cubic
[CGP15, DMPSC16, DF92, FPT03, LL10, LZZ17, MN03, PPT02, VR01].

Curl
[BBV09, HS97].

Current
[AL87, BKP14, DDZK05, MS08b, RV09, Sel14].

Curtis
[CL14, Maj17a].

Curvature
[WT17, ALP96, MIs99b, YCY12].

Curvature-based
[YCY12].

Curvature-induced
[WT17].

Curve
[CGG02, MA109, YC00].

Curve/surface
Curved [hYK86, FMW05, KX03, LL02, RA09, SFJ+05]. Curves [Eis86, Att97, BDV17, CGGM17, GS15b, Han06, LS10, Mik97, MS99b].
Curvilinear [DS15, FID18b, YH00].
Cuts [Ber15, BH12b, HLZ14].
Cutting [IMM04, Mi03].
CVBEM [HW93].
CVTs [SUP+12].
CWENO [FCX06, LPR00a, SW12]. CWENO-type [FCX06]. Cycle [CK98, NN10, NER95, NR97].
Cyclic [CK98, NN10, NER95, NR97].
Cylinders [Son91].
Cylindrical [BCS06, Kwa09, LWT07, Pet00, TT03].
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, YY09, YT03].
Damage [CGN03].
Damped [KH91, MDP10, Moe98].
Damping [CRR03, JES85, LR01].
Dantzig [YP18a, YP18b].
Darboux [Bre91].
Darcy [BC12, CK13, DZ12a, EJS11, EL01, HS17, Kie17, UNG08].
DASPK [MD96].
Data [DR93, LP05, Vas17, WCGW95, BG02a, BRW17, CPZ17, Ehr08, FvdMS17, Har10, HKZ08, HM15, HM17, Jun97, KKK+13, KKN+17, LO96, PS02, PS03, RS09, RL86, RCGM98, RW87, RV05b, Sch08a, TD09, ZJH18, ZHL08, ZWX17].
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 [GCP91].
Decomposition [CFC03, TMS87, AAD+08, AF04, AM10b, Att97, BN99, BRRS15, BM89, BRVC09, Bog00, BP90, BS91, CG89, CES91, CJ90, Chn17, CG16, Cve02, De 93b, DA18, DDS89, Dor91, Dou91, EZ98, Ewi91, FL05, Gas92, GKO9, Gen10, GHF00, GS08, Haa97, HPS12, HSS07, IVA93, JM06, Jun97, KCS07, KG90, Kok08, Kop89, KJ99, Ku90, LY08, LY09, LR00, LOM98, LRT99, LZY09, MH14, ML91, Meu91, MLB97, NWRF08, NMB10, Par04, PKSB10, Pas91, Pav00, PR90, RV04, RV05a, SWW17, SG09, Ste05b, Su94, SLZ10, TS08, Tse00, WM07, Yu99, ZHL03].
Decomposition-type [BN99, Cve02].
Decompositions [Ph91, PT15].
Deconvolution [FLMR14].
Decoupled [LMA18].
Decreasing [DKK94].
Dedicated [CHM09, FFMZ13].
Dedication [Ger94, GT93b].
Defeating [BO11].
Defect [FR01, QMLC15].
Defect-correction [QMLC15].
Deferred [BM06b, CW98, HS11, KRe07, Lay08, Lay90, Min04, VV02].
Defibrillation [CKP15].
Deficient [Baz03, SY07].
Defined [Att97, CFS13].
Definite [AA05, Ara99, Cao01, DL01, Liu02, Lu98b, Sha98, TM15].
Definiteness [Mar08].
Definition [KW93].
Deflated [EAV16, Du11, WPS18].
Deflating [AA94].
Deflation [BWEPP95, Mor05, VSeYD02].
Deflections [YTZZ18].
Deformation [GKT10, KM11, TYKK01b].
Degeneracy [Li98, PPS05].
Degenerate [DFZ16, KXK92, BBRBS09, BCS05, BCS06, DSSC13, yGYZ07, KL98, KK09a, LC99, SP90].
Degradation [DSSC13].
Degree [AA04, AL09, Beg00, BWW17, Dhw09].
degrees [Mau08]. DEIM [YV17]. Delaunay [LS93]. Delay [SG06, ZFX17, AHT17, BF92a, BP90, BZ90, BDfS10, Bre06, But92, Cah92, CHZ14, CZ12, Den15, EH97, Eor6, Fan11, FJ97, Fel06, FNT06, Gan09, Guo01, Hu99, JvZ97, JZK06, K95, KO96, KF97, LZ14, LW92a, MK95, Pau92, Ph17, RA17, SJM12, SH97, SZ17, Sp97, TYYJ11, Van00, WZL08, WC11, WGW15, WB92b, WB92c, WMC09, YXT17, ZSL01, ZH09, ZC10, ZZO16, ZP97, ZP98, ZX09, 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, ABRW18, AMS17, BHJ05, BP14, BDF89, BtTBV87, Bre02a, BK12, BJ01, BJ03, BJ06, Cah92, CP05b, dCCSR03, CCS17b, CST97, Dia95, DY03, DR93, FNT06, GLP09, GGR97, HHT97, HP14, HM15, HM17, HILK13, HR96, HLS16, JCSR03, KH91, LKV01, Lay09, LIT07, Lua17, MG97, MS08b, NT92, NC16, Nor97, Pea16, PJB04, PA12, RZ00, RY13, Rya00, Sar05, SM13, Sim09, SvdVvD06, TER03, Toc01, Wan09, WZW13, Won08, WdG92, YS09, ZFX17, ZYS17, ZJ10, tV87, vDvS08]. deposition [CKB13]. derefinement [PPC00]. Derivation [Chr01, CMRV11, CAAT16]. derivative [AH11, ABH14, AH15, AHO16, BP02, BB94, BMV06, EH07b, GJ00, KGR08, Moo04, Ram12, Rus95, SL15, WL16, WB92b, Wu09, ZY14, iW07, iW09, iM13]. derivatives [AGY08, APJ09, BFK11, CHZ206, Che12b, CHS17, CD00, DaL13, DO17b, DR01, HEG16, JHLH13, KCS07, KS01, LHWF08, LHÓ13, LFX15, Rat13, Tan87, ZLG15]. describing [GRGJ02]. descriptor [EK97, Sim93]. DESI [Dia95]. Design [Ale03, BZ17b, PSH02, SW95a, AC08, ARSW05, BdpFsdSC08, CH04, IPL02, Jam93, PL103, SA08, SG05]. designs [KS10]. destruction [BDM03]. detect [GGS04, MKMN17]. Detection [Eir99, AC10, JD09, JGK11, KM95, KXR+04, Lo06, SSW04]. Determinantal [Pre90]. determinants [WB90]. Determination [Deh01, AED12, CJE13, HK09, KY117, LV12]. determined [SK10]. Determining [AGY08, LN08, SU04, WLO09]. Deterministic [GS15a]. detonation [ZG92a]. Developing [BDF89, Pau92]. Development [AL87, Bor97, RA03, de 96, AFS96, DdSF07, FPP00, vS96, van96]. Developments [Bak89, AQS94, ABFV09, BC89c, Dat99b]. device [LS07b, YY13]. devices [AC08, BBS11]. diabetes [MLK06]. diagonal [BLY17, BK07, Fuh01, TW00, ZH15]. diagonalization [HC01]. Diagonalized [AyLqW18]. Diagonally [But93, DR09a, JR00, ABH14, BJ96, BJ98, BW03, CDP12, FS08, HH10a, Hor98, JVZ95, vSC92, vS93, WBCK02]. Diagonally-implicit [But93, BW03, CDP12]. diagrams [Mar93]. diameter [CL07]. dichotomically [ELLE02]. diesel [SM08]. Difference [BKM95, BCE04, KKP17, Pot85, RBBC85, RS00, AES15, AEMX17, AAI+93, Ano87a, DFS00, APJ10, BM00, BM12b, BCSV06, CG13, CBA93, CHS01, CP05b, Chi12, Ch13, CCL04, Cn99, CMCGTR02, Dor01,
DS15, EP15, Est95, FE93, FG98, FKA+13, Fou00, GX11, GLV03, GHKM09, Gha94, Gol00, GHF00, HAg15, HZ90, JL86, JL87, Jor11, JV09, Kam00, KT05, Kat89, KD13, Kna94, Kni95, Kop98, KDK17, KW93, KLSW06, LY08, LHWF08, LY09, LR18, LS99b, Lyu09, MDP10, MP11, MM14, MT06, Mic03, MDD04, Pap95, Pir99, RZ00, RTU15, RT95, RU07, RU15, Sam94, SCD15, SL15, SMA01, Str98b, SWW11, zSW06, SLZ10, Tan93, TYKK01b, Tol03, Tsy96, TY00, VVD95, Ven15, WL09b, Wan17b, WL18, WS04, YDWW17, YH07, ZLZ17, iV09].

difference [vSW90].

differences [Gul15, Zeg97].

differencing [AEF+14, Den11, RK91, van86b].

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

differentiable [Zha09].

Differential [BGHR12, BG+15, FR18, Jac87, Mär02, Pet87, Rei85, RU07, Abu04, AB88, AM99, AM00, AMCM08, AT93, ABF09, AF98, Arn93, ARS97, ALP+96, ADH00, AV00, Bac16, Bac17b, BS14a, BHJ05, BJHJ06, BKM95, BF92a, BT97a, BBPR05, BP06a, BL05, BKP09, BJ05, BZ92, Bel97, By01, BMGGG12, BGGG13, BDF89, BF92b, Bho12, BCC16, Bla01, BlTBV87, BR94, Bok03, BJ11, BMPR15, Bre06, BP92, BMM97a, Buc06, BS12, BC98b, BB96, BDP96, BB98, But92, BC95, BJ96, BJ98, CC90, CGA96, CL01a, CHZ14, CD95, CSS87, CCM02, Cha98, CZ12, CL01b, Ch12, CST97, CN11, CNP03b, DS05, DR99b, Den93, DL13, DLPV17, DB08, ELCWS98, ESEKZ10, ER18, ELLE02, EGL09, EMMK01, EH97, Enr06, FID18a, FMMK01, Fan11, FL93, FTB97].

differential [Fel06, FT06, FNT06, Gan09, Gan96, GS99a, GPH06, GLM09, GM17, GN86, yGqWsaWC05, yGyZ07, yGpY09, GGO13, Guo01, HM87, HZBM05, HP18, HJ05, HJ17, Hig93b, HXW15, HR96, HL89, IM98, Is02, IJ17a, JL91, Jac93, JVZ95, JY95, JVZ96, JY97, Jac02, JZW06, JZK06, Jay95, JW01, JC94, JMY010, KPY15, KV95, KK11, Kau95, K096, KS08, Koz94, KP15, KKR15, LHHR94, Lay09, LPZ00, Li05, L14, LZ17, LYF17, LSL11, LMSW17, LSL14, LYK17, LLD18, LP00, LS98, Lu05, MDD14, MAH18, MP96, MCS16, Mä95, MT11, MZK05, MT06, Mol17, MP94, MN08, Mur99b, NMKE13, NT92, Ov92, Ost93, PM05, Pau92, PT11, PT16, PH17, PA12, Pot97, PM14, PG02, Pul05, Pul09, ROB17, RA05, RY15, RT00, RTV02, SS08a, SA90, San98, Sar05, SA12a, SMEN04].

differential [Sch02, Sch87, SD13b, SG06, tSQuyG16, SZ12, SZ17, uIVS13, So15, SvdHN86, SvdH92, Sp97, SLO17, SN93, TL99, TX93, Tem15, Tho85, Tia15, TB01, TYJ11, TZA13, TDPU17, TV91, Trr93, VV09, Van00, Ver96b, WGG12, WZL08, WG10, WC11, WWX13, WGW15, WMF17, WAV12, WC14, WYL11, WB92a, WB92b, WSS97, Wd92, XFLC00, Xu13, YXT17, YBL13, YC13, YDWW17, ZG92b, ZH09, ZC10, ZZO16, ZFX17, ZSJ04, ZP97, ZP98, ZO99, ZO15, ZK01, Zuo95, dDF+94, in 92, in 95, in 96, tV87, vSW90, van96, vS97, vvdV97, vdHSW98, vB95].

differential-algebraic [Arn93, BL05, BKP09, BDF89, DS05, EGL09, Hig93b, Jay95, JW01, KKR15, LPZ00, Lu05, MP96, Mär95, Mur99b, Ost93, RA05, SA12a, ZP97, vb95].

differential-functional [ZK00].

differentiated [KP92].

differentiation [Bal00, Ber86, GDG03, EES05, Jam95, RH92, Skea93, Skea97, ZL11b].

diffMan [EMMK01].

diffractive [DHL00].

diffuse [Sch16b].

diffusion [GM85, AS11, ALMM96, ALMM98, ALM01, ABJ12, AC18, AL98, ABR05, BR05, BL15, BAD13, Bec18, BM01, BO04, BBBRS09, BC08a, BBC05, BC04a, BM04b, BW97, Bla00, BTDV10, BFD10, BK12, BC97a, BCDP17,
CGGGS11, CFCH09, CC18, CdFN01, CM02, ČD17, CT93, CDW13, Chun17, CJLS98, CF08, CA16, Deh01, DYX09, Den15, DM11a, Die15, DHM09, DL06, EV96, FMP04, Fon00, FV87, Fra14, Fra16, FJ95, GAML04, GS15a, GLS09, Gas92, GV06, GPHA16, GL94, HM15, HW06, HEG16, HS95, HFL13, Jia12, JT06a, Jun06, KKM95, KKT16, KP18, KV07, KC03, KOW05, KL90, KS01, KS04, LLW07, LW93, Lan95, Lan97, Len00, Li01a, Ly09, LS99b, Lin09, LYY15, LCLW17, LO96, MOS02, MMKN17, MPSS16, Mar05, Mat09, MG18, MOSW00, MRFF17, NS03].

**Dimensions**

[MOZ87, BHJ06, BD11, CMP03, EFLFP09, FL09, Gar03, KZ13, MPSS16, Mar05, MD96, Ros93, Str98a, TM05]. **diminishing** [An087a, JL86, JL87]. **DIMSIMs** [FJ17, JM17, Jac02]. **dipole** [Nes16]. **dipoles** [HNP17]. **Dirac** [Gia12, GGS04]. **Direct** [ECB07, Leo10a, VV95, YC13, AT93, BCT16, BM01, CM02, CGCMTR02, CCJ99, CMCGR02, DB08, HFL13, HT94, LCVG01, Map05, Zla85a, MS13]. **direction** [ACM91, B00, CSXL14, FMU15, GX11, JL94, KHI1, Phi87, XZZL15]. **direction-dependent** [KH91]. **directional** [BKR13, Dal13]. **Directions** [Aue13, B12, DA16, DP05, DY03, HJ09, HB09, MH14, Man08, MG18, OMP98, PA18, Sl16, Zho18, vR04]. **Dirichlet-to-Neumann** [Bie12, OMP98]. **DIRK** [Ale03, Cam99, H010].

**disadvantages** [Car09b]. **disaggregation** [Mar03]. **discontinuities** [AG05a, AGY08, CFXZ06, Hig93a, JD09, KS07, WB92b]. **discontinuity** [DL13, MQ017].

**Discontinuous** [B06a, CG16, Cas06, Fre98, GHH09, Kam16, LYK17, Por17, SW05, YZ17, AKG14, AL09, AW14, AFS11, Aug89, Bac14, Bac16, Bac17a, Bac17b, Bac17c, Bac18, BVT14, BTP96, Bus06, CP06, CNG03, CCK08, DGN12, DN13, DLR18, DL16, ER07, FD16, Fra16, FJ95, GM18, HLMP09, HSS07, HMP14, HJ18, HJ03, KPY15, KWL00, KXR+0, KQ13a, Q13b, LHI1, LH00, LZ14, LS07b, ML16, Mus11, PCRR17, RC18, SA12a, SZ09, wSJP15, SvdVvD06, Tem15, VSeYD02, WCXL09, XF06, YT00, ZY14, ZZ17, ZX14, vR04, vdVS08, vB95].

**diffusion** [NMB10, OQ15, Par04, PS09, RSL89, RY13, Sac93, ST11, ST14a, SZ09, SM13, wsJS15, SG09, SG07, SW13, SL15, Str98a, ST08, Su94, SWW11, SvdVvD06, zSW06, SW17, TSB10, TH09, Tre09, TM15, VA05, VVR08, Vej10, Wan01, WL09b, Wan09, WZ13, WW14, Wei09, WB03, Won08, WG11, YL13, YZ17, ZMC13, ZC15, ZML+12, ZX14, dH15, wH07, wI09, IM13, V17].

**Diffusion-Reaction** [VK17].

**diffusion-wave** [CC18, zSW06]. **diffusions** [Dal02, Spi90]. **diffusive** [BMMZ06, ČK13, 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, BRBR09, GB11b, BZ17a, BFA93, BS94b, BB15, Bri85, BS12, BF95, CH01, CDW13, CAAT16, CY05, dCSCR03, CPGO17, CMCGR02, DhV09, DE06, Deh01, DA18, DCC14, Din03, DN08, ELCWS98, FP02, FD07, FsSB02, GX11, GM16, GMM09, HZ09, Hor99, HK85, HR97, JTB15, JT06a, JGK11, KV07, KM16, KFC7, KCC04, KS09b, LM00, Lan95, LCHR03, Li16, LS07b, LAH09, LS93, DLM16, LMZW07, MQ017, Med96, MH16b, Moo95b, Moo95c, Mus11, NY13, PR90, QM10, Sch91, SJ11, SZE+92, SvdHK94, SK96, SW12, Su94, SWCH15, TJ12, TV91, WZL13, WQ17, XC85, XL09a, ZSCH11a, ZQK14, ZSCH11b, dH15, wI09, vSK97].
discontinuously [VT91]. Discrepancy [Sch04, DE18]. Discrete [DLM05, Ehr08, FHK05, Har93, KR18, LMS08, AM09, Ale11, AD18, BS14a, BM12a, BMK13, BRI08, BCE04, BF09, BH96, BL06, BGS02, CXNF14, CRSS05, CMS04, Dal00, DV95b, EV96, Enr06, FGPR12, GFB99, Gon06, Hu99, KPR12a, KK17, LOS03, LSK12, Lyn92, MRH14, MWYZ18, PR09, PT11, PD01, RT14, zSW06, Vej10, jWjJ17, YK04b, ZWK15, ZR15].

discrete/continuous [GFB99].
discretely [FV01].
discretisation [BDM03, HvvdHV10, TGB08].
discretisations [Mat09]. discretised [HS95]. Discretization [AB09a, Fl03, LS98, AMT13, ASZ15, AKT97, AB12b, BM12a, BCS17, BW95, BK12, CTTG13, CLTG17, DY97, DM91a, DT10, FMS18, GHK16, GAW09, HL99, HT94, KDA13, KPR06, KvyS15, Kra92, LPT94, LCI17, LO96, MS86, NBNTGV11, Rei99, Rob01, SW12, TN16, Tau09, VB07, VK17, VL98, YB10, vR04]. discretizations [AMC02, APJ10, BV09, BJ01, BJ06, Fun04, GLV06, Gje07, GT93a, HS98, HW97, HST14, HS97, LO95, Mul99, Osw97, PBJ04, Sch02, Sch87, Str98a, vSK97]. Discretize [SC11, CD18]. Discretize-then-relax [SC11]. Discretized [Ino00, ADH00, BN12, DJ10, Guo15, Is97, Poh93]. Disease [HL97]. disorder [Den07]. disordered [ABD16]. dispersion [AB97, JL17, LR18, van86b]. dispersive [DM90b, DGM18, DL16, Est95, PD01].
displacement [FBS09, LY08, RVD00, ZYSZ14]. dissimilar [MAG13]. dissipated [GM08]. dissipation [Leo10a, ROOS18, SGN06]. dissipative [Gar96, HO10]. dissipatively [HL99].

Dissipativity [Gan09, Hua00, WYL11, MDD14]. distances [CP07]. distorted [WG11]. distributed [ABG+15, BGH08, BSZ15, Eij95, LSGK15, LRE04, MRV93, MRFF17, Per99, XL11, dv95a]. distributing [Mit97].
distribution [DNW18, Shy91b]. distributions [BD07, DMGVP09, Rua95, DSDC99]. div [BV09, MV18]. div-grad [BV09].
divergence [CHSS01, DGS+15, HZ12, HS97, Mat08, MP15, MWYZ18, Pas91].
divergence-free [HZ12, MP15, Pas91].
divergent [BW15, CFV10, Wena10a, Wena10b, ZJ10].

DKLAG6 [CST97]. DMLPG [MS13].
document [MMBB07]. Domain [AF04, Bog00, BS91, CES91, IVA93, JM06, KG90, Kop99, Kj99, LY08, ML91, Pas91, Pav00, TMS87, AMR14, ABG+15, BM89, BRVC09, BP90, BH12b, CS98, CM14, Chn17, CRR03, CG16, DF11, DDD93, DSS89, DHL00, Dor91, Dou10, DY03, EZ98, Ewi91, FWL18, FL05, Fat12, FPPS00, Gas92, Gk09, Gen10, GCP91, GHF00, Ha97, Hab98, HZ09, Har98, HS07, Jun07, Kok08, KRBK16, Kuz90, LLL08, LY90, LR00, LOM98, LS05, MS98, MH14, Men91, Mit97, MLB97, NRWF08, NMB10, Par04, PR09, PR90, RAS99, RV04, RV05a, SH10, SWW17, Ste05b, SM99, Su94, Tse00, WL18, Yu99, YDWW17, ZPT92, ZHL03, Zho17, Zho18].
domain-based [Har98]. domains [BN12, CL08, CM02, DS17, FID18b, FMS18, Fer99, FL15, FBM17, yGyZ07, HBO05, HP18, HY91, J06a, KDK17, L17a, LHWF08, MPTT17, Nke07, Pec09, Roz05, RA09, RS00, RU15, SFD+05, SvdVd06, Ts98, TY00, Wal00a, WS04, Yos00, Zha14, ZL17].
dominant [DB95, SMJ12]. dominated [BC08a, CP05b, GAML04, Hn95]. Döring [DS01]. Dormand [EL97]. double [ÇK13, D897b, GL17, MK14, MCS06, WD10b].
double-diffusive [ÇK13]. double-sided [GL17]. doubly [BW06, WK12]. down
downdating [YK04a]. Downwind [BW97]. DP [DHS05]. drift
[AKT97, Bac18, DHM09, Guo00, Mik97, MŠ99b, RBC02, RTT01].
driven-cavity [Guo00]. Drummond [BRZ10]. dry [BDMG12]. DtN [CAAT16].
Dual [CLS04, GHT05, BS99, Car09b, CCK03, HMW05, MDT05, NRR06, SŽ99, dRT99].
dual-species [CCK03]. duals [MB08]. duct [Gla94]. Due [PGM86, BMP05, Fai00]. Duffing [EK95].
Dundee [An02g]. Dupin [MMP02a]. Dynamic [HL89, MC00, Ahn07, AC18, BBD18, BS94b, CS01, Chr96, CF13c, CF14, De 06, DBH+05, EW08, FLÖ+97, GL17, HS07, HLR18, Ito17, KW12, LA12, LZ13, RP01, RN04, SMCO8, Shy91a, Shy91b, SM89, Wec01]. Dynamical [CLT97, Jéz04, Arn95, Bai02, BM06a, BCF+13, CH95a, Car94, CCK03, CCP04, CVE95b, Hu00, Ise94, LBCN00, MR06, Pul12, Ram96, RW87, Sch95a]. dynamically [Tho85, TLV92]. dynamically-adaptive [Tho85].

Dynamics [MOZ87, SH97, ZB07, AB12b, AS00, ADH00, Aya09, BASC17, Buc04, CKP15, DG97, DM11b, Elm02, EK97, FL05, FMP04, FJ95, Gua87, JRT90, Leo10a, LSGK15, Lub04, LS05, NWRF08, Powl94, Pul86, Rob10, RA17, SB03, SD93, Tad86, Tur93, VS91, VT91, ZML+12, dPT96].
each [GGG16]. early [ZGO12, ZO14].
early-exercise [ZGO12, ZO14]. Earth [Nak05]. earthquake [FKA+13].
Economical [RM06b, CN11].
economization [Som86]. eddy [BKP14, LCVG01, MS08b, RV09, Sel14].
eddy-current [RV09]. Edge [CS04, BG06, CX209, KM95, OK98, PPS05, Sou09]. edges [JGK11]. Editorial

[Ano87b, Ano11a, GW02, Vic05, Ano91, Ano93, Ano03e, Ano03f, Ano04d, Ano04e, Ano04f, Ano04g, Ano04h, Ano04i, Ano04j, Ano04k, Ano05d, Ano05e, 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, Ano17a, Ano17b, Ano17c, Ano17d, Ano17e, Ano17f, Ano17g, Ano17h, Ano17i, Ano17j, Ano18a, Ano18b, Ano18c, Ano18d, Ano18e].

EEG [LWD+09].

Effect [CRTU15, LR03, AD15, AM16b, ADH00, BKM13, BSQ96, EK96, HD04, Spi95, dPT96].

Effective [CG92, LHH08, LH09, AA87, BS96b, But98, LS12, Rox06, RT95, TSFB01, Tsy96].

Effects [BO87, FI03, KX03, vB95].

efficiency [CZ90, Fuj02, Lay09]. Efficient [BF15, BMR17b, BIM15, CH01, Deh05, DMH18, DB08, DK14, EH06, FTH97, HLM09, HST14, Kwa09, LV12, LS86, MAH18, MCR16, MR01, SS08a, WMF17, Woz10, YK04a, YV17, ZGO12, Zou11, de 95b, AG05a, AG12, BD85, BMR+17a, BS97b, BJM01, BJ17b, CF08, CJK13, CKB13, CP17, DR09b, DII15, Ei17, Gl93, Gl94, GPHAM12, HKZ08, HS86, HOS11, Hu98, Hu17, LWT07, LTB03, Lei02, LBCN00, MVVA09a, Nes16, NMB10, Ric08, ST14b, SWR11, YK07, Zha01].

Efficiently [BC89b]. EFG [DA16, DA18].

EFIE [LCJQ12]. eigenbasis [GT15].
eigenfunctions [Bie12, CF18, HM09, Pru00]. eigenmodes [LLL08]. eigenpairs [Jia02, YSBL14].
eigenproblem [JP93]. eigenproblems
eigensolvers [AG05b].
eigenspace [LfX15].
eigensystems [Tan87].
Eigenvalue
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eigensystems [Tan87].
eigenvector [BGO13, GGO16].
eigenvectors [HC01, LfX15].
eight [Wen98].
eighth [EL97].
eight-order [EL97].
eikonal [ACMR06].
Einstein [ZB07].
Elastic
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element [GLP09, GGO12, GGO16, GP01, Goll86, GHT05, GGG16, GGNR17, GS94, Gwi09, HLZ14, Har10, HKZ08, HLM09, HSS04, HL08, HM0V03, HL02a, HL03, HvHV10, HW97, Hsi06, HLC01, HZ02, HZ12, Hua17, HSY18, JH94, JP08b, Jea09, JK14, JEG10, Joh10, Kam16, KDAK13, Kar89, Kie17, KK09b, Kim12, KJ99, KFOF02, KZ13, KN93, Kur08, KX03, Kwe03, LHC09, Lam13, LCHR03, LP05, LW0+99, Ls97, Li00a, Li01a, LHH08, LH09, LA11, Li12, Li16, LW17, LX09, LS96, Liu09, LCLW17, LAH09, LL02, LW95, Luc95, LZY09, MD00, MK14, Mai06, MCS06, MZS10, MH16b, MD06, Mun03, MWZ18, Mul99, Nak05, NY13, Nke07, NS16, PZMX16, Pec09, PP00, PT95, QMCL15, Ric91, Ric94, Ris05, Rob10, RV15, RX08, RTB15, RA09, SSZ16, SS00, SG03, SD11, SD13b].
element [SH10, SQ17, SWX00, SA00, SG07, SD09, SL015, TLP18, TN16, TW00, TM04, TM05, VO00a, VMS07, WZL13, WCSC18, WSY18, WK00, YN08, XL09b, YGY15, YLL09, YS09, YY13, YSBL14, ZL17, ZOZ09, ZCZ15,
enhancements [ZHL08, BB94, Aff94, CHX13].
element-free [Li16, ZOZ09].
Element/Spectral [BTDV10]. Elements [CHM09, AW03, Arc06, BHJ06, Ber04, Ber05, BG06, Bot97, Bra00, BL08, BH12b, CZS04, CYM09, EJS11, FMI1, Fun94, HLMP09, HLY04, HLZ06, HMV05, HJ03, Jun06, KOS+12, KOX03, LPT94, LM00, LHS0, LMWZ10, ML91, MM02b, Pav00, Pic05, ST08, TW00, TRO96, TMM15, WB90, YBL13, Yi12, Zeg97, Zha09]. eliminated [Mau08]. Eliminating [ACM91]. elimination [AGP97, GP93, GY94]. elliptic [AyLqW18, AK09, AEMX17, AB09a, AMR14, AC16, BS14b, Bar09, BGG04, BGH08, BHR05, BSZ15, BH97, CL08, Cas06, CSS87, CES91, CCO4b, CZ04, CYM09, Che12b, DDHS97, DT15, DS17, DP90, EP15, EH08, EGH01, FG08, FR08, GSR00, GRL01, Gon06, GGR97, Har10, HP18, HM01, HMdV03, HOS11, HY81, JP08b, JS09, Jec09, JK14, KL98, KG90, Kin07, KS00a, KS07, LHHR94, LHH96, LH02, LMMW10, LX09, LY03, LAH09, LL02, LP01, ML16, MM02c, NY13, OS08, PAP17, RTV00, RTV02, Roz05, Sch16b, Sch87, SD13b, SD09, SZL18, TL07, VO00b, VesYD02, Wan07b, WCX10, WCW14, Wan17b, WCSQ18, War92, YGY15, YSBL14, Yso00, YX05, ZTZ15, ZWLL1, Zou10, Zou11]. elliptical [BDG09, DSV13]. elliptical- [BDG09].
Embedded [KNT13, BDGP96, BDP99, vR04, Kam16].
embranogenesis [MSS+15]. Embden [ER18, LO03]. emphasis [GR02]. enclosed [DS17]. enclosing [DMM18]. Enclosure [RBBC85]. end [Agu15, Wel10b]. endpoint [Wel10b]. endgame [WWS+93]. ends [Ito17, RL06]. energies [FJP17]. Energy [AFF+15, EFLFP09, ZH08, Bar12, BFGP08, CCL04, GM08, Ito17, DE18]. engine [NER95, NR97, SM08, van98]. engineering [SW95d]. engines [Fer14]. Enhanced [BB94, CCC08, GT00, Aff94, CHX13]. enhancement [BG013, WZ02]. Enlarging [Zha07]. ENO [AMR12, BL06, HS98, KS09b, SZE+92]. ENO-discretizations [HS98]. enough [Emr06]. enriched [WCSQ18]. ensembles [AB17]. ensures [Rob01]. Entalpy [Jes85, Ros93]. entire [Dés08]. entropy [CDJ91, HJP10, Tad86]. environment [GGNP02, KLS13]. environmental [DMP08]. environments [LS99a, RN04]. epidemics [HJ06]. epitaxy [CZY18]. equalities [MMP09]. equality [LDP+14, ZP12]. Equation [Ant13, PB10, PGM86, AS11, ABJ12, ADK94, AS04, AHO16, Al11, AT15, ACMR06, AB10b, Ang06, AM10a, AD01a, ABR05, AR15, AP09, AM04, AED12, AD00, AMS17, Bac17c, BF92a, BS06, BOEP00, BCS17, BM01, BGT97, BCM04, BMGG12, BN12, BM04c, BLM17a, Bh012, BDKM92, Boc02, BD+97, Boy91a, Boy07, BFD907, BP92, BPTT15, BR97, BC97a, BB98, CFT13, Cai09, CFS13, CGP15, CCG13, CM09, CD17, CZZ18, CIL13, Che88, CH01, CDW13, CHH15, CXZ17, CL15, CF13b, Cho13, CCL04, CKK08, CRR03, CH98, Day98, DS07a, Deh01, Deh05, DA16, DA17, Dek17, DS97b, DK12, Du09, EZ03, EVO04, EVO06, Est95, FCL18, FP02, FRRJT10, Fdi96, FT06, FL09, FL15, FL03, FG13, Fre98, FFQ09, GGN12, Gis12, Guo96, GGO13, HZ09, HP14, HM15, HM17]. equation [HILK13, HLTO7, HS95, HW04, HJKW17, HLL18, HvdH10, Hor99, Hor02, HK85, HLY04, HLZ06, HO16, Is07, Isk89, JRO0, JRG06, Jéz99, JRO2, KDAK13, KBS11, KO96, Kim95, KRBK16, Kra92, KK86, KR15, Lau17a, Len00, LHW08, Li08, LHW17, LLHC17, LR18, LD07, LO03, Liu97, LCLW17, LP01, LMWZ07, LZY09, Lyy99, Ma03, MZZ17, MDP10, MDRR11, MB10, MPTT17, Mai09, MP11, Mar93, MVVA09a,
equation [ZL17, ZWH 17, ZJH18, 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, AK90, ADR17, AM99, AM00, AMCM08, AHR12, AT93, AAM03, AB07, AL17, AW03, ABF09, AR18, AF99, AR93, AR97, ALP+96, AAD14, AD18, AM10b, AFF+15, A091, AV00, BSGU94, Bac16, Bac17b, BHJ05, BJHJ06, BKM95, BBPR05, BP06a, BL05, BKM13, BLW07, BES18, BKP09, BF17, BJ05, BGS06, BLY17, BRS01, Beh97, BZ92, Be97, BO04, By01, BB15, BHSW16, BG11b, BGGG13, BF92b, BW95, BG02a, BZ17a, BCC16, BGM03, BLM17b, Bla01, BC01, BtTV87, BDFV95, Bog16, Bok03, BV09, BFH09, BBLT15, BJ11, BHJ13, BC113, BTVD0, BV10, BVRB14, BRBR18, BFdS10, BMR15, Bre06, BS93, BS08, BK12, Bru92, Bru97, BMM97b, BMM97a, Bru07].

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equations [JW01, JEG10, JCN94, Joh01, JMY10, JT06a, Jun06, JT02, Kal96, KV07, Kan89, KX91, KKK92, KNN03, KO88, KPY15, KS00, KT05, KV95, KK11, Kan93, Kan97, KM16, Kel85, KLM03, KOR18, KOR92, KF97, KS02, KLY05, KS08, Ks07, KOW05, KNT13, KSS16, KCMW16, Koz94, KCB02, KP15, KR18, KN93, KLSW10, KKR15, LH11, LHRR94, Lmd95, Lmd97, LP05, Lmn17b, Lay09, LT12, LS16, LHS00, LPZ00, LH02, Li05, LHH08, LY09, Li11, LA11, LZ14, LZ17, LYF17, LSL11, LS12, LZW17, Lie01, LK07, LMSW17, LS13, LY16, LW92a, LW92b, LY03, LW07, Liu09, LZ14, LYK17, LLD18, LNZ12, LR00, LO95, LO96, LS98, LRE04, MD04, MQ017, MAH18, Maj14, MO17, ML16, MS08a, Man96, Man97, MCS16, Mar99a, MVVA09b, Mär95, MZK05, New95].
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equations [Zou10, ZK00, Zuu95, dAF17, dH95, dDF+94, de 92b, dG91, de 93a, dPT96, dHV13, in 92, in 95, in 96, iW07, iW09, iM13, tV87, vSV90, van96, vS97, vvdV97, vdHSW98, vdVS08, CDP12, RMM12]. equi [BKR13], equi-directional [BKR13], equidistant [Bec18, DS97b], equidistributed [BM00], equidistribution [BM01], equilibrated [Yi12], equilibria [Eir99, GPHA06, Sch02], equilibrium [DGM18, DJL04, ITZ17], equispaced [BS09], equivalence [BC89a, LLD18], equivalent [PSP04b, RMC04], ERES [CGM10], ERKN [WW13], Ernst [CHM09], Errata [Tsy96], Erratum [Kn95, ZCSH11a]. Error [ADK94, AL17, AD01a, AD01b, BS06, BJ02, Bel91, BC04b, CC08, Coo89, DM11a, DHM09, GGM95, Hig93a, Krc07, LL98, Li16, LYF17, LW92a, LT01, OS12, PD01, Rei85, RL06, Sch16b, SW11, SS94b, SZ12, SG07, Spa96, SWCH15, Ton04, jWqW09, WWX13, Wan17b, YXZ18, Zhe07, Zup04, AW14, AC15, AOW94, AGP97, AKT97, AGJM04, AR18, AB12b, AP08, AM16a, AAD14, AFF+15, BLS94, Bac14, Bac16, Bac17a, Ban97, BGO13, BKM13, BS14b, BCS17, BM13, BBG14, BRVC09, BC04a, BLM17a, BC01, Bor97, BHR05, BGP11, Boy15, BM06b, Bür12, Bur91, BP06b, CP04, CL06, CDAG17, Cha17, CMP03, CCS17a, CKK10, CH89, CY05, CF05, DDHS97, DDP12, DMP08, DA18, Dek17, DM09b, Dol14, Dra97, EFLFP09, Fac03, FM+02, VF85, Fdi96, Fe06, FH10, FM11, GH09]. error [GMS12, Goo90, GHT05, GGRN17, H196, Han93, HOS11, HLMK06, HJKW17, HLL18, HLY04, HLZ06, HMW05, It017, JR02, Jho01, JM94, KDT17, Kim07, Kim12, KS89, KMS10, Kwe00, Kwe03, LCHR03, LSK12, LZ14, LX09, LY03, Liu09, LO96, Lyo12, MSP10, Moe00, Neu88, NY13, OZ96, PH17, Roz05, SZ09, Sim49b, The17, TLSS09, TM04, TM05, WH13, WKP12, Wei18, XL11, YSBL14, YI12, ZCS17, ZYS17, Zho17, ZXW17, Zou10, Zou11, Zup03, de 92a]. error-based [Moe04], error-minimizing [Bor97], errors [AC96, ACM91, BMGM12, BSQ96, Bor10,
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ESDIRK [Ran15]. ESIRK [BC98].

ESPRIT [PT15]. essential

[GS15b, jWqW09, hYqW12]. essentially

[ESIRK, BC98].

ESPRIT [PT15].

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[KK17, YK07]. Estimation

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[AM16a, Fdi96]. Estimator

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[BS00a, CP07]. Euler

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[Boy91b]. Euler-flow

[Kor95]. Eulerian

[KCC04, RVD00, Sea09]. European

[CPOGO17]. evaluate

[CPD+05, LL15]. Evaluating
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explicit-extended [KSMMM16].
explicit-implicit [WdG92].
ecloding [NMKE13].
Exploiting [GV04].
Exploring [Her91].
Exponential [CGP15, Duj09, HO05, QR03, RK08, TGB08, WEA12, ABK12, AB14, ACM09, AEF+14, BP12b, Bor10, CO09, CL07, CS17, Har90, Has13, KNT13, LY10, LzL14, Lua17, MS99a, SW09b, TN16, WPS18, ZZO16, dC18].
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, KDI13, KSMMM16, KK17, Sim93, YT03, ZH09, van86a, OR18, CLR11].
Extending [AMV17].
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extrerior [BM13, EB12, FL15, Gon06, Har98, HK85, Lnu17a, MM02b, RS00, Zhe07].
extracted [Dah02].
extrapolated [Cao98a, SW03].
Extrapolation [BZ94a, Bre96, CM00, WC02, Bre85, BZ91, DSS15, FSK88, GG95, GC15, HN03, JM16, LD97, LX09, LL02, NS03, Nor97, Nor99, Now96, Rha97, SMEN04, Sid90, VV08, Wan07a, Wen10a, YBL13].
extrapolations [Cha96, CHH15, HLL09].
Extremal [DIR13].
Eyring [PT09].

FAC [MMT90].
facilities [TER03].
facing [CHK99].
factor [Mar09, RP17, SCT05].
factored [WZ02].
factorial [Bor10, Wen10b].

Factorizable [Sid02].
Factorization [vdHS01, BD85, BCSH16, CG05, ELvdHS98, GV02, Guo96, LMV17, LDP+14, Not99, ST09b, SHG86, GPHA16].
factorizations [BLM17b, Doi91, For02, Gu01, Mag91, Not92].
Failure [Gar92, KN08].
failure-prone [KN08].

FAS [Spi00].
Fast [Cao03, DNW18, EH05, HR14, MP98, Pea16, PT15, Ram12, RN04, STS00, SL17, BP14, BDN+97, Cal09, CGJ16, DM12, Eng11, GL93, IT07, LS16, LCQ12, LCLW17, LN12, Mat05, MMT90, MR94, MRS10, She00, SKW17, TGB08, VK17, XL09a, Mar03, ST14b].

fast-wave-slow-wave [SKW17].
fastest [Dar00].
FE [HHR12].
FE-analyses [HHR12].

FEA [SA05].
feasibility [vR04].
feedback [MDHK06, SA05].
Feedforward [MDHK06].
Fejer [Nov03].

fem [MOS12, BS14b, BGG04, BBG14, DS07c, Fra16, GT15, GMZ11, Gas92, GMM09, GKMS09, GMS12, Gon06, HYY1, KMS10, Lan97, MS00, MS08b, NS12, RDH+12, RV09, Sel14, USM07, WXL09, Yos00, ZWX17].
fem-bem [MOS12].

FEMs [Bec18, LY01, LH02].

ferromagnetic [FRA04b, SC03].
FETI [DHS05, Ste05a].

few [DV95b].

FGMRES [MRH14].
Fibonacci [BL86, KSSS16].
fibres [NS13].

Fickian [BFD10].

Fictitious [BH12b, AMR14, ABG+15, Zho17, Zho18].

fidelity [CKS05, Rob01, SYG+05].

Field [DRC85, AAD+08, BC02, BF17, BL17, BP85, CL02a, CKN05, Dav98, EH88, ESS15, GD09, JK17, LM00, MR03, PA18, QL16, Ram94, Ric08, TOC02, YK04b].

fields
fifth [Chr01, CN16]. filing [FGPR12, LS10].
fifth [Has09, Has13, Maj17a]. Filon-type [Has09, Has13]. Filter [Wal00a, HC01, SXP09, TZ00, Wal00b, ZP12].
filtering [Bar05, BGS02, KK17, LOS03, RG¨O18].
filters [YR09]. filtration [CGN03, CD13].
final [HP14, YL13]. finance [Lai09, Le 12, RO16, SS08a].
financial [CKM15]. finding [BASC17, Car94, CGG02, CZY08, HdSRI17, Iga85, Meh08].
Fine [RTV02, Gus87]. Finite [ADFR18, BW86, BKP14, BTDV10, ÇD17, CLR11, CF86, ÇK13, Cop03, DL06, EGH01, FJS99, GAM104, GS94, JV09, KZ13, KR12, LMWZ07, MT06, NB01, NFAE03, Pot85, RBB85, Rei85, RV15, RA09, SD09, Sol15, YGY15, ZW87, AB17, AMRR18, AL09, AMT13, AS97, AK00, ADK94, AA87. AA1+93, AKT97, AW03, AKL08, ABR05, AM16a, ASCM02, ASC03, APJ09, APJ10, BSG04, BC12, BHJ05, BHJJ06, BY00, BF01, BK17, BLY17, BM00, BM01, Beh97, BK09, BB15, BC08a, BMS89, BM04a, BM04b, BM04c, BW95, Ber04, Ber05, BC08b, BG03, BDF94, BC01, Bof06, BG06, BG14, Boh03, BP97, Bot97, Boy15, Bra00, BJ01, BM01, BD11, Bür12, Bür13, BJ08, BH12b, CLT97, CCG13, CGA93, CDGA17, Car09a, CHSS01, Cau08, CS94, CP05b]. finite [CCZZ18, CPM03, CS03, CC04b, CZ04, CCLT10, CL10, CJKX11, CHX13, CXZ15, CXX217, CML05, CC08, CNT07, Cho13, CDJT06, Cod08, dCCSR03, Con99, CMCGTR02, Coy12, DPPR16, Dek17, DJ10, DD89, DM11a, DLP06, DT10, DN08, DL16, DS15, DM09, yDgGuT09, DII15, DR93, EH07a, ER07, EN09, EJS11, Eva94, FL04, FG98, FMGN94, FLö+97, FKA+13, FM11, Fre98, FM07, FMI15, FL01b, GM10, GX11, GLLW14, GLV03, GPLW09, GGO12, GGO16, GP01, G600, GHT05, GGG16, GGRN17, Gu15, GJ17, HHR12, HZ09, HL14, Har10, HKZ08, HLMP09, HSS04, HHC08, HL08, HMDV03, HL02a, HL03, HvdxH10, HW97, HZ02, HZ12, Hu17a, HMW05, HJ03, HSY18, Ioa89, JJ94, JK14, JEG10, Joh01, Jor11, Kal96, Kam16, KDA13, KT05, Kat89, KD13, Kie17, KF97, Kin12]. finite [Kop89, KJ99, KFOF02, K0S+12, KDK17, KN93, KX03, Kwe01, Kwe03, LHC09, Lam13, LPT94, LM00, LCHR03, LW+09, Li98, Li00a, Li01a, LY08, LH08, LH09, LMWZ10, LA11, Li12, LH17, LR18, LX09, Lin10, LLS+96, Lin09, LCLU17, LAC09, LL02, LW95, LP01, Luc95, LZY09, Lyn99, MDP01, M00, MA09, MP11, MS08a, ML91, MZS10, Mar98b, MM14, MR94, MM02b, MGV14, Mic03, M014, MD96, Md04M, MWY18, Mu99, Nak05, NY13, Nke07, NS16, PZMX16, Prc05, Pir09, QMLC15, Ric91, Ric94, RVD00, Ris05, RBT15, RU07, SSZ16, SS00, SG00, SD11, SD13b, SH10, SQ17, SXW00, SG16, SG07, SDK15, SL15, SMA01, Str09b, SH01, SLZ10, SN04, SGN06, SGN08, TLP18, TN16, Tan93, TYKK01b, Tol04, TH09, TK15, Tro96, TM04, TM05, TM15, Ven15]. finite [VMS07, WL09b, WZL13, Wan17b, WCSSQ18, WL18, Won08, XL09b, YL09, YS09, YY13, YB13, YSB14, Yi12, Zeg97, ZL17, Zha09, ZC15, Zhe07, ZZ17, ZZZ17, Zho17, ZZC+18, Zou10, iV09, van95, BS14a, BGP11]. finite-conductivity [CML05].
finite-difference [AA1+93, CCG13, CGA93, CMCGTR02, DS15, HZ09, KT05, MDP10, Mic03, Md04, RU07, SDK15, S9A01].
finite-dimensional [KF97]. finite-element [GGRN17, Mu99, Nak05].
finite-length [SH91]. finite-part [Ioa89]. finite-type [Mar99b]. finite-volume [BP97, DT10, Kal96, RVD00, Tol04]. First [HS17, HvdxH10, ACM906, AL17, BC01, Boy07, Bru97, BMM97a, CHH15, CS09, HP85, HLL09, IT16, JJ94, KLY05, KW10,
first-order [AL17, HP85, JJ94, KLY05, PCR17, gTpM07].  
Fisher [BFdO07, jWjJ17].  
fit [Mon09].  
Fitted [TMS87, AW03, AHS03, CDP17, FW08, GS94, HS09a, Hoa15, NS16, Pat00, VV05, VV07, VV09, YW08].  
fitting [AN15, KDAK13, PS02, PS03].  
five [IMM04, MI03].  
five-axis [IMM04, MI03].  
fixed [Gil91, HS95, RV05b, SL08, Tow16, Wai98, WYP12, YP18a, YP18b].  
fixed-point [WYP12, YP18a, YP18b].  
flame [RAS99, RSL89, Son91].  
flat [Nak05].  
flexible [HP15, LDIW16].  
flexible-point [CHS17].  
floating [Ske99].  
floating-point [Ske99].  
flocculated [BBCS05].  
flood [CCM17].  
Flow [BW86, PP00, PGM86, AH09, ASZ15, AKT97, BDMG12, BFS17, Bj00, BL08, Cai15, CML05, CRT15, DZ12a, DM09a, Du90, ER07, Ewi91, EWW99, FL01, FLL11, GM08, GMZ08, GM10, Gar92, GKH16, GAT91, GOGF03, GJR03, HJ09, HcW16, HST14, KHA12, K5MM16, KH91, K905, LCT03, LC02, LMS08, MD00, MM07, Mon04, Mon03, Obet15, PT90, PK91, PCR17, RR00, RVD00, RZ15, RBC02, Sch16a, SQ17, SG16, SZE92, Shy86, Sid02, SY08, SH01, SY05, TYK01a, TYK01b, TOCV02, TC03, VO00a, Zan91, ZOS09, ZYS17, ZQLK11, dBO3, vdHWW01].  
Flows [CF86, Mac86, hYK86, BL91, BC04b, BBL02, BS08, CIZ96, CHPV09, CCL10, CHK99, Din93, DMQ02, DdCV03, DII15, EH07a, EAS12, EL01, Fai00, FPRA09, GP00, Gla93, Gla94, HH10b, JN07, KMR09, Kar9, Kie17, KWO8, Kop89, KDK17, Kwe90, LDW16, LT00, LR87, LP97, Mur15, NC16, PBOC, QW04, RCG08, TLP18, TCTO3, TKN11, Tur86, XLK07].  
flowsheet [Bie87].  
Fluid [CFX06, CFX08, CL09, DJL04, Elm02, Ewi91, FMP04, FLL11, GM909, GAT91, GS18, GJR03, HT00, HCW16, JRT90, LCT03, MP05, Mat08, MR01, NC16, N609, PT09, Pul86, RDH12, Sid02, SD93, SM99, Tow16, Tur86, Tur93, VSS91, VT91, Wu90, ZOZ09, ZYS17, dPT96, vBvdZdB08].  
fluid-dynamics [dPT96].  
fluid-particle [Tow16].  
fluid-structure [GS18, MR01, RDH12].  
fluids [Ari04, Bir87, CMP06, FPRA09, Kie17, QR03].  
Flux [FM07, Kim12, AKG14, Gla94, HSS07, JK14, Kn94, Kn95, Nor99, RG0S18, RA03, Tor06].  
Fluid-based [FM07].  
flux-extrapolation [Nor99].  
flux-splitting [RA03].  
fly [BMR17a].  
Fok [NT16].  
Fokas [AC16, MPSS16].  
Fokker [Van92, jWjG08].  
following [SZ99].  
FOM [JMS99, WP18].  
force [Kie15].  
force-gradient [Kie15].  
forced [CFCF03, LBCN00].  
forces [Sch16a].  
Forchheimer [CD13, Kie17].  
forcing [HW04, Zen93].  
forecast [WCGW95].  
forecasting [RW87].  
Foreword [FJ92, IN01, Vic87a].  
form [Boy06, EK97, JBL11, Kam00, MN03, PWS06, Ree93, Sim93].  
Formal [CAAT16, Mur99a, Mur99b, WB90].  
forms [BS14a, Beg00, CJD00, Eir95, Sal03, SST09, Zan91].  
formula [DhW90, Kza92, SHA12, Ske89a, WC02, Zla85b, Zup04].  
formulae [BZ90, Ber86, CV95, Dia95, WX06].  
formulas [BRS16, BDMG005, BGVH00, CCBGV08, Chr01, DGV00, DBCBP10, DIR13, GPA16, Has08, HJ17, JKN94, KS90c, Kza92, Maj17a, SG96, Sid14, Ske89b, Xi008].  
formulation [AA87, AFS02, BC02, BK17, BR055, BSQ96, BP95, GAT91, GP00, GS18, HPS95, HH98, HL03, KKP07, KS02, L198, LZY09, MG00, MS08b, Med96, SLJ86, Wan05, Wen98, ZDBT03, DM12].  
formulations [LRS09, LLL08, SM13, WK00].  
Fortran [GBDB97, TS06].  
forward [Fre98, JM94, MI13].  
found [Duf90].  
four [BLY17, CPD05, WBCK02].  
four-center [CPD05].  
four-field [BLY17].  
four-stage [WBCK02].  
Fourier
[ST14b, BH96, CPOGO17, DM09b, FFQ09, GANT02, HM15, HM17, Lyo12, MM07, Moo95c, Nke07, RGL16, RO16, She00, WZL13, WMF17, YR09, ZO14].

Fourier-finite-element [Nke07].

Fourierization [SW07].

Fourierization [Nke07].

Fourierization [SW07].

Fourth [BM06a, CHSS01, EH09, GX11, Lua17, YT00, CES91, DZ12b, Den15, DB08, yGqWsWC05, Kat89, KZ13, PZMX16, PGDB08, Ven15, Wan07b, Wan17b, Wen08, WYP12, Zha14, BGH+15].

Fourth- [BM06a, CHSS01].

Fourth-order [EH09, GX11, Lua17, CES91, DZ12b, Den15, DB08, yGqWsWC05, Kat89, KZ13, PGDB08, Ven15, Wan07b, Wan17b, WYP12, Zha14].

Fowler [LO03].

fractal [DdCVR03].

fraction [AR93, CJM88, CV88].

Fractional [BJ03, CD18, ROB17, AHO16, APJ10, BFS17, BZ17a, BCG13, BJO1, BJO6, BCDP17, CC18, QD17, CDW13, CJS98, CP03b, DA16, DA17, ESEKZ10, HJ17, JL17, KBS11, LHY17, LHW17, LR18, LY15, LK17, LCI17, MCB16, MC17, MT06, Mok17, PTV16, PH17, PJ04, PAJ12, SKBAS08, SS17, SL15, SWW11, SW17, VA05, WZ13, WW14, WY09, YL13, YDWW17, ZL17, ZGZ17, ZWX17].

Fractional-order [ROB17].

fractions [BRE88, CJV88, GMP88, Gil91, Han88, Jac88, JRT88, Lem88, Lev91b, Lev91a, Lor10, Nia88, Waa88].

frame [IPL02, Jia12, PLI03].

frames [JP17].

framework [BGO13, DZS15b, DZS15a, GR02, KS07, SB03].

frameworks [MM16].

Fredholm

[BES18, BMGGG12, CHLX07, Fer09, JW06, Kan89, KX91, KPR12b, LNZ12, Mie89, PT11, ROB17, VBD93, Vas17, XL09a].

free [AM03h, BSVO9, BM06a, CVVO0, DA16, DA18, DNI13, EH06, FERA09, FJH+01, Fu99, HZ12, HLIS16, Ito17, Li16, LMSW17, LR87, LYO199, MRN14, Mat08, MP15, MWYZ18, NW09, Pas91, SW95b, Ver93, XLK07, ZG92b, ZOZ09].

freedom [Mau08].

frequency [HM86, KKN+17, KCW16, LT07, LCJQ12, Par14, PO2, Pul95, WX13].

friction [BBD18, Gwi09, KPR06, Por17, QMLC15, QAMX17].

frictionless [Ahn07].

friendly [TS06].

Frobenius

[Gab02, MD05].

frog [TH18].

front [Gro94, SW86].

Fronts [SM13].

Full [SIP00, Ben02, Mit97, SH10, XZZL15].

Full-FAS [SIP00].

Full-Newton [XZZL15].

Fully

[CPR93, ER07, FID18a, Gon06, Wan17a, AGJ12, ALMO4, BKM13, CL01b, DS17, DL16, Guo15, Kni94, Kni95, Lan95, LR18, Now96, PDP0, zSW06, jWJ17, vSK97].

fully-coupled [AGJ12].

Fully-geometric [Wan17a].

Function

[MRFO0, Boy15, BRZ17, BP95, GS17, HSS07, JD09, KKT16, KAS17, LN08, Man96, NRZ12, Pr10, RS09, Sar05, SJ11, uIVS13, SS09, Sus10, Sza94, Ver93, WL09c].

Functional

[BNH01, Jace87, BKM95, BBPR05, BCC16, Br07, Buc06, Cag92, CST97, CH90, FT06, GM08, JL11, KO92, Lio5, LZ17, NT92, Par14, PH17, tSqwG16, Wan17a, WY11, ZK00].

functional-differential [CST97, JL91].

Functionally [HS09a, HO15].

Functionally-fitted [HO15].

functionals [BRRS15, LS86].

functions [AG05a, AMC09, AGY08, ACM09, Beh93, BO11, BG11c, BE99, CJP15, CF10, CPD+05, CCM88, Coo89, CPZ17, Dar90, DW00, Des08, DVMGVO05, Die15, Dra97, GBF99, Gil10, GK93, GP04, GPF04, GP17, GGS04, GyGZ07, GSW09, HZ96, Ivoa7, Jac88, Jad94, JZJ10, JM05, Jun07, JGK11, KCS07, Ksz92, DLM16, Looa18, Mac92, MD06, MCS16, Mar94, Nov03, PGS10, Pas91, ROB17, Sad96, Sad97, Scho8a, SW09b, Sso10, TLS09, Uty08, WZ14, War92, XBJ14, ZT06, Zha07, ZHL03].

Fundamental [LY192, AMV17, GJR03, KJL12, LHHC17].

furnace [BGM+09].

Further

[CH95b, NN13, ABVF09].

Future [Bie87, Son00].

Fuzzy [PGC01].

FVEG
[LMWZ07].

Galerkin [ADSS17, BBRS97, Cas06, DM09a, MS13, ABJ12, AW14, AD08, An16, Ant13, AFS11, AD18, ÁMS17, AV00, Bac14, Bac16, Bac17a, Bac17b, Bac17c, Bac18, BBV13, Bec18, BVT14, BNV06, BTF96, Bus06, CGJ16, CK98, CCK08, Cull95, DA16, DA18, DGN12, DN13, DB08, DMR18, DL16, EAS12, FD16, Fat10, Fra16, FJ95, Fre98, GM18, GHH09, GT93a, GJV08, HLMP09, HMP14, HJL18, HST14, JRT90, Kam16, KDT17, KNN03, KPY15, KSMMM16, KWLK00, KXR+04, KQ13a, KQ13b, Kwa09, LH11, LPT94, LHS00, LH02, Li11, LZ14, Li16, LHW17, LT01, LS07b, LYK17, LNz12, LMW07, MQO17, Ma06, MWYZ18, Mus11, Por17, PCRR17, RP17, Sac93, SZ09, SW07, wSJP15, SZL18, SW85, SvdVd06, SW05, Tem15, mWyG00, Won08, XF06, YZ17, ZOZ09, ZY14, ZZ17, ZZC+18].

Galerkin-characteristic [ZX14, vR04, vdVS08].

Galerkin-finite [DL16].

Galerkin-multigrid [EAS12].

Galerkin-spectral [DL16].

Gauss [KK09b, SLW17, BCE04, BCJW17, BCSH16, Buc17, Bur91, BC95, BJ96, BS00b, BW03, BP06b, BD17, CIJ17, CY98, CMR12, CST18, CMCGTR02, Dadv98, DS07a, EG88, FW07, Fdi97b, FS05, Gan96, GM16, GP17, HH10a, HZ02, HCX03, Leo10b, Li05, MAH18, Mur98, SA90, Sch12, Wal00b, XFLC00, YH00, Zha00, ZT06].

Generalisations [RS08a].

generalised [EC07].

generalization [BKR13, BHHS10, BC97b, CAGA96].

Generalizations [Bre91, BKP15].

Generalized [De88, GM87, GSW09, IJ17a, LFS15, Mil17, SZ17, SS16, TCCW89, TYKK01b, BNH01, Bis11, BDKM92, BFdO07, BRBM08, But09, Ca03, CJL13, Che96, CCLT10, CEW00, DM18, DSK12, DBBH14, DSM11, FH04, yGyZ07, 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, Wa09, ZGL98, BWEPI95, TD09].

generate [CEW00].

Generated [DRC85, CGCMTR02, FKA+13, GRGJ02, GPP04, War92, YXB95].

generating [CHR03, Ver93].

Generator [Bak86, Eis86, QM03, Ari03, AD04, BBV13, Bak89, BSFDM02, BS00a, Boh03, CM02, CM04, DH94, EM05a, EM05b, MI03, MCE+09, PRI2, SFJ+05, SYG+05, Son00, Spi99, Spi00, YC00].

generators [GPP03].

generic [Eir99].

genus [LWCT07].

generic [ZML+12].

Geological [SR88b].

Geometric [CR04, Fra04b, GQ08, MQ03, Moo95a, VV07, AH09, BCR01, BD02b, CLMSS98, DF02, GGLR09, GGR97, Ost02, Wan17a, Xu13].

Geometrical [BCM04].

generically [LA12, SS99].

generics [Fun94, Kar89, Kwa09, She00].

Geometry [SYG+05, FdSB02, GRGJ02, MD00, MMP02b].

Geophysical [Per88, NC16].

geostrophic [WZH13].

Germany
[ABK12, ABD16, BL05, BF99, BGIW18, BD17, CM00, CS01, CBD16, Eir99, GBDB97, HL99, PA05, Ror06, SG17].

Hammerstein
[EH09, Han93, KXX92, KNN03], hand
[AED12, EJS04].

Harmonic
[FJ09, GH07, Har98, Jia02, Pla08, RV09, WSY18]. Harvard [RW87], having
[CL88]. Heat [MCM12, BLS94, BN12, Bor02, CM09, FP02, Fre98, HILK13, Hor99, Hor02, Jez99, KV07, KBS11, Kra92, LW18b, MVVA09b, RMK09, SKBAS08, T0D11, TY03, Wag98, jW15, WS04, YY13, ZZC 18].

Heat-diffusion
[KV07].

Heated
[Wu09].

Heating
[BGM 09].

Hedging
[Bis11].

Heisenberg
[Bec02].

Helmholtz
[AAD+08, BOEP00, BPTT15, CH01, D07c, EVO04, EVO06, FFQ09, G0l86, G0u96, HO16, Kim94, Kim95, LRS09, L108, MPTT17, OMP98, OKS10, PM03, PB10, R00, dVA02].

Helmholtz/Schrödinger
[BOEP00].

Hemodynamics
[DH21, RDH+12].

Hermann
[Bru97].

Hermite
[Bar12, Boy15, CXNF14, CCS17b, CN15, CS17, Iva07, LHHR94, LHH96, LHH08, Luo18, MST07, NBTN1V11, ZL11a, ZL11b, ZH108].

Hermitian
[GGMP88, LV14, Nak12, Pet92].

Hessenberg
[GS08, ZP98]. Hessian
[MKH16].

Hessian-based
[MKH16].

Heston
[GG013].

Heterogeneity
[Chn17].

Heterogeneous
[AK09, Ben17, CM09, DN13, IJ14, LP01, MPSS16, RN04, S94b, WCW14, XZL07].

Heterovalent
[vHA98].

Hexahedral
[BS97a, Tob14, Ush18]. Hidden
[RR14].

Hierarchical
[AB15, AD04, CM09, CZ90, FSB97, Ha97, Kwe00, NBP94, Zou10, BLS94, CLT97, Che96, E08, GV18, Gar96, GS92, KJ99, Ste97, Zou11, GMS12].

Hierarchy
[Che88].

Higdon
[BG11a, Derr11].

High
[AES15, AEMX17, Bla01, BCR01, BT95, Bru07, BB30, C0XN14, CM13, CDP17, CP05b, CKS05, CRU15, CB99, DRC85, DS15, Elg17, ER18, EP15, Fou00, GM04, GLPW09, Hag15, HEG16, K107, MPTT17, MK99, NW09, Pir09, RR00, SST12, SB14, SZE+92, TDC13, TD09, Ver96a, Ale11, BMGM12, BG11a, BOEP00, BMR+17a, BM01, BVV09, BJ11, BPTT15, BDM03, B98, CGA93, CS08, CD00, CN15, CN17, EW97, FJ17, FHM+02, GLLW14, GML00, GHF00, HOEC86, HR97, INR01, Jia12, KS00, K09b, Kwe01, LCVG01, Lee94, LX08, LYF17, LR18, MS91, ML91, M06, NT16, P01, PBC08, Pic05, QQ04, San02, SD13b, SQ17, SYG+05, SDK15, Son93, STS00, Str98b, Sub04, TX18, TY00, VV02, Var92, WKM04, WC14, YXZ18, Zha96, van98, vDHM19].

High-accuracy
[DS15].

High-index
[San02].

High-level
[PSB91].

High-order
[AES15, AEMX17, BCR01, BT95, Bru07, CM13, CRU15, Elg17, ER18, EP15, GLPW09, HEG16, K107, MPTT17, SST12, SB14, SZE+92, Ver96a, BG11a, BDM03, C9A93, GLLW14, GHF00, HOEC86, INR01, Jia12, KK09b, Lee94, LR18, NT16, San02, SDK15, Son93, STS00, Str98b, TX18, VV02, WKM04, WC14].

High-performance
[CB99].

High-precision
[Var92, vDHM19].

High-resolution
[CXN14, Hag15, Pir92].

High-speed
[MS91].

Higher
[Aca12, Agu15, BM05, ESS05, Gar96, J0h05, N11, Vej10, WL09b, ZX14, Arn03, BKR13, BNV06, BC05, BD11, C97, CXJ11, ELCWS98, ECB07, FM11, GJ00, HvdHV10, HST14, KOS+12, LMW10, M08a, Mat09, Nic86, RA03, SM93, SS13b, Tem15, Tob14, WB03, Coy12].

Higher-index
[ECB07].

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

Highly
[Ben96, Fac03, IRC12, IJ17b, JP17, LAH09, AK09, BV13, CC04b, Che12a, DJJ12, DXY09, Den93, Has13, Ise02, Li01a, LWWX10, Maj17a, RCGM98].

Highly-oscillatory
[Ise02].

Hilbert
AMCM09, BLM17a, DO17a, DO17b, JL94.
Hille [Lub92]. Hilliard
CCZZ18, CCL04, HLT07, KK09a.
Hilliard-Cook [CCZZ18]. historical
Bre96, BW96b. history
But96, TCCW89, ZC92. HJM [Mar09].
HLL [Sch16a]. HLL-type [Sch16a]. Hodge
AM10b, BS14a. Hölder [LS10].
CCZZ18, CCL04, HLT07, KK09a. History
But96, TCCW89, ZC92. HJM [Mar09].
HLL [Sch16a]. HLL-type [Sch16a]. Hodge
AM10b, BS14a. Hölder [LS10].
CCZZ18, CCL04, HLT07, KK09a. History
But96, TCCW89, ZC92. HJM [Mar09].
HLL [Sch16a]. HLL-type [Sch16a]. Hodge
AM10b, BS14a. Hölder [LS10].
CCZZ18, CCL04, HLT07, KK09a. History
But96, TCCW89, ZC92. HJM [Mar09].
HLL [Sch16a]. HLL-type [Sch16a]. Hodge
AM10b, BS14a. Hölder [LS10].
SC08, SMA01, SL17, WYP12, ZC91. image-based [QM03]. images [GOGF03, TSB10]. imaging [CG03, HLR18, KNP16, KRKBK16, Lo06, Par14]. imbedded [CST97]. IMEX [CCS17a, JM17, LT12, ST14a, SKW17]. immersed [AL09, JK14, KV07, Li98, SWFK13]. immiscible [Nür09]. immobile [JL17]. immune [BR94]. impact [Ahn07]. impacts [Aca12]. implementable [BC89b]. Implementation [AH15, CO09, GT93a, Jac02, LPT94, Jac02, LPT94, Pot85, Ale03, BD85, BF15, BS92, BS08, BMT93, BT98, BM02, BIM15, BWEP95, CLMSS98, CCP17, CK06, Coyer12, DVV93, FV99, GV18, GPfP03, HS96, IM98, LT07, MP97, POMP98, PG510, PRST02, PWS06, SW94, Uty08, WMF17, Zha01]. implementational [GKT10]. implementations [DLP06, PV93]. Implementing [HP91, Ney95]. Implicit [AS04, ARS97, CR05, DGM18, FV01, GM16, Gje07, GHF00, HI03, KBS11, Kau93, Kau95, KW98, OK98, PuI86, SWE05, TB01, WBCk02, ABH14, AHT17, AMC08, AC91, BT97a, BC08a, Bos09, BSVdV99, BJJ11, Bou02, BNO3, Bru93, BM02, BM66b, BJ06, But93, B396, BC97b, BJ98, BC00b, BW03, BSW93, CDfN01, CG05, CS04, Cha96, CL09, CDP12, CGGM17, DR09a, DKL11, DJII5, ELCWS98, ER07, FD16, FE93, FS08, FH97, FMU15, FL01b, GX11, GLPW99, GMPR95, GMPPR03, GPHA06, Gug05, Guo01, HH10a, IM02, JI17b, JvZ95, JRO0, JKWI2, KKT16, KMG09, KnI94, KnI5, KKW00, KS09c, Lab98, Lay08, LLI15, LX08, LMA18, Min04, Pan07, Phi87, PWS06, RZ00, San02, SH09, SMEN04, Sch98, SZ97, SpII95, Sza94, TY111]. implicit [TZA13, DVV97, VBH96, WC11, WSW96, WDg92, YT00, in 02, vS9C2, vS93, vSK97, vvdV97, vdHS01]. Implicit-Explicit [DGM18, GM16, Bos09, JI17b, KKT16, VBH96]. implicit/outflow [MOU14]. Implicitly [Bru92, Att97, HC01, Jia02, KBG04]. importance [SA05]. imposed [HJ09]. imposing [ZW87]. imposition [jWqW09, hYqW12]. Improved [CX08, FPRA09, Pot85, Ver06, AC15, BZ17a, BRBM08, Cl07, GL93, LWWX10, MZZ17]. improvement [CP94, Cz90, Koro5, dFN00]. Improvements [MS86, GII10]. Improving [Bal00, Dea11, Gen10, KS10, KP03b, Sal89, MM14]. impulse [CCS02]. impulses [LFL14]. impulsive [BKW18, BKM95, HW04, LSL11, LZZ14]. impulsively [TOCV02]. incidence [WN12]. including [BBS11, BFH09, Cao98b]. inclusion [CP94, PH91]. inclusions [Par14]. incoherent [CCP04]. Incomplete [Guo96, ZNK02, de 95a, BD85, BCSH16, Doi91, EVO06, Gu01, Not99, Phi91, RV05b, ST09b, SS10]. incomplete-data [RV05b]. incompressible [BRS05, BC01, BC04b, BRL02, BL08, Cai15, CH07, CHX13, CSXL14, DN13, FD16, GM08, GHK16, Gat91, Guo15, HH10b, HST14, KSMM16, KLY05, KDK17, LR00, Min04, Mou03, QAXM17, RK91, SQ17, Shc96, TH18, TLY92, VG04, Zan91, ZOZ09, Zha14]. increases [RAS99]. Increasing [DDNZ18, GMGF02, Wal90]. Incremental [CT93, Gar03, GMM17, Gar96, MM02c, Pou00, PB10, SW13, Shec96]. indefinite [CK98, FL05, LMV17, LW18a, SS99, Shea98]. independent [CH95b, KP18]. Index [An00b, An00c, An00d, An00e, An01a, An01b, An01c, An01d, An02a, An02b, An02c, An02d, An02f, An02g, An03a, An03b, An03c, An03d, An04a, An04b, An04I, An05a, An05b, An16, An092, AFS00, Arn93, AC96, CZ97, CCM02, ECB07, HGP11, HMT03a, HMT03b, Jay95, KKR15, Mun99b, Ost93, RA05, San02, Sch02, SG05, SBG09, Wen98, Wen05, WBCK02]. index- [AC96, CCM02, HGP11, Mun99b]. index-1 [HMT03a, SG05, SBG09]. index-2
indexing [MMBB07, TS08]. indicator [KMS10]. indicators [GMS12]. indices [LS98, LD02]. Induced [BC02, DDZK05, KCJP01, SSvG10, WT17, XLM07, YT03].

induction [BGM+09]. industrial [BK14, LDP+14]. iNEOS [GGNP02]. Inequalities [DR01, AK95, BNV06, BHR05, DSM11, LLY11, MJP09, WH13, ZHJ14]. inequality [CXZ14, DHS05, Gwi09, MG00]. inequivalent [KS10].

Inertia [For02, AC18]. Inertia-controlling [For02]. Inexact [HFL13, BHSW16, HMW05, PKSB10, SL09, WZ16, Zha97, ZP12].

Inexact-Newton [WZ16]. inf [Che16]. inf-sup [Che16]. inf [Che16]. infinite [By01]. Infow [MOU14].

Inflow-implicit [MOU14]. Inflow-implicit/outflow-explicit [MOU14].

Initial/Value [De 88, Bac17a, Bac17b]. initial/boundary [Fer93]. initialization [HdSR17]. Inner [GCHR06]. input [Har10].


Integral [BBLT15, CP09, PGM86, AL95, ADR17, AM10a, AAD14, AD18, AFF+15, BC02, BES18, BLM17a, BVB10, BVRB14, BRBB18, BGIW18, Br97, BMMC9b, Cal92, Cal92, CHLX07, CCP17, CDP17, CL14, CHH15, CS09, Chi12, Chrl, CP17, Cun95, DD97, Dav98, Der92, DSK12, ER18, EH09, FS15, FMS18, Fer09, FL15, FV87, Fun04, GTA17, GGS16, HB02, HPG11, Hau93, HP14, Heu00, HA16, HK85, HI11, Hua99, HLL09, IV16, IRC12, Kan89, KX91, KO08, Kel85, KPR12b, KR18, LRS09, Lui7b, Li11, LD97, LNZ12, LRE04, Mai09, Maj14, MO17, Man96, Man97, MV17, Mie98, MD10, Ngu15, NT16, PR89, PA18, Rab94, Ril92, SST12, SV00, SVB17, SS16, SW85, TMD92, Tau09, TLSS09, WN12, WQ17, WWLS08, XL09a, daF17, de 93a, CLR11, CDP12].

integrated [Chi12]. integrals [AA05, BCU00, BV09, CP09, +05, Che12a, CEW00, Eva94, EW97, EC07, Fat10, Fat12, Har00, Has99, Has13, Ioa89, Jadh94, KM17, LS16, LWX10, Mat17, PCA10, SL01a, Saut00, Sd14, ZPT92].

integrand [KS90, CM02, SK91]. integrating [AMCR17, FMMK01]. Integration [TM04, ABH14, ALMM01, AD08, ALM04, AD01a, AAD14, AM16b, BCF+13, BtTBV87, BRBM08, BBKS07, BF95, But03, BJ98, CMP15, CH95a, CGP15, CL85, CBD16, CR04, DhW99, Den93, FS15, FW07, Fra04a, Fra04b, MGMO4, GPAH16, GVSL96, GML00, GMGFO2, GKA17, QG08, HS02, HA97, HOS99, HmdV03, Hig96, HMT03a, HMT03b, HLR01, JRV15, JR00, KGR08, KNT13, Leo10a, LD10, Log04, LMG02, DLM16, DE18, MF99, MC17, MQ03, SSV07, SA12a, Sim93, Sk99, Sol15, SvdH94, SCT05, TMD92, TGB08, MV07, WK02, Xiu08, v87].

integrator [BCGI13, ELLE02, Lei02, Lub04, SS94a, TN16, WE99]. integrators [Ale03, BF99, BFD99, Blao1, BM06a, BP12b, CO09, CLMS98, C979, CY98, EK06, Lua17, MQ00, MPG+16, Mur99a, Mur99b,
PWS98, SZ97, WWX13, YC13, ZZO16].

integrity [JP08a]. integro [AB88, ABF09, ADH00, AV00, BF92a, BT97a, BGGG12, BGGG13, Bho12, BP92, BMM97a, CZ12, CP03b, DLPV17, EH97, FID18a, Gan96, GS99a, HM87, HZBM05, JRW06, KPY15, Kau95, MAH18, Mok17, PT11, PT16, Pot97, ROB17, SS08a, SD13b, tSqWyG16, SCvdH92, Tan93, TX18, WC14, ZH09, vS97].

integrodifferential [AB88, ABF09, ADH00, AV00, BT97a, BGGG12, BGGG13, Bho12, BP92, BMM97a, CZ12, CP03b, DLPV17, EH97, FID18a, Gan96, HM87, HZBM05, JRW06, KPY15, Kau95, MAH18, Mok17, PT11, PT16, Pot97, ROB17, SS08a, SD13b, tSqWyG16, SCvdH92, Tan93, TX18, WC14, ZH09, vS97].

integrodifferential-algebraic [Kau93].

inter [Rob10]. inter-element [Rob10].

Interacting [SR88b, MT05]. interaction [BSP04, EZ03, GMM09, GS18, RDH + 12, Sal93, Sod91, Tow16, XKL07, vBvdZdB08]. interactions [CBD16, Nes16].

interpretation [Bot97]. Interval [Sch7, Ben02, Boy15, DBCBPP10, DMH18, GPP04, KKP17, LZ13, Mar99a, MT94, Sch9, TD09, BO11]. intervals [DBMGVO05, Tar98]. intracellular [NRWF08].

International [CFTW08, LST07, MH89, FJ97]. interpolant [Ber86]. interpolants [BES18, BFK11, BS92, CHS17, LMS09, MST07, SST12, SST09, SST15].

interpolating [CJV88, DF92, KP03a, KPR12a, SWCH15, WT93]. Interpolation [AM16a, BG06, Dés08, Moo04, Spe12, AA04, AG05a, AMR12, AN15, BGM12, Bar12, BRIP08, BGS06, BH12a, BS09a, BCJ97, BS09, BB10, BO11, BG11c, Bref02a, BMM97a, CDD00, CDD + 17, CGGM17, DMP99, Dol14, DR93, FM11, Frea14, GGR97, GJ17, HB02, Iva07, Kid90b, KP01, LY10, PD96, Pla08, PB10, RL86, Rus95, SE93, SL17, VBD93, VZ93, WW05, ZL11a, ZY14, ZL18, ZHL08, Zup04, de 92a, Boy15, OR18].

interpolations [CZS04]. interulatory [BDS09, BFK11, BS92, CHS17, LMS09, MST12, SST12, SST09, SST15].

interpretation [Bot97]. Interval [Sch7, Ben02, Boy15, DBCBPP10, DMH18, GPP04, KKP17, LZ13, Mar99a, MT94, Sch9, TD09, BO11]. intervals [DBMGVO05, Tar98]. intracellular [NRWF08].

Introduction [BKM05, CFS94, Had13, LP93, Sal91, But97, Wen10a]. invasibility [AMRR18, MNR14]. invariance [BLP01].

invariant [HL99, AB10b, BHJJ06, BC97a, DB95, ERS00, GSR00, Moo95a, Tru00].

invariants [HXW15, Re99]. inversion [MPSS16]. inverse [FOM05, IT16, Per88, Tah96, YD07, BT99, BLY16, BG02b, CR05, CD18, CPOGO17, FBS09, Hab08, HILK13, Huc99, JM94, KJL12, KNP16, KNN + 17, KCW16, KRBK16, K02, LYY15, MG00, MN03, Mat05, MCM12, QC12, QL15, S109a, ST09b, SLJ11, pSLqJeY16, TL07, TK05, WZ02, WL09c, WL16, WW14, XCS85, Zha00].

inverses [Kos02]. inversion [Che88, CZ90, DSK12, LFP04, Moo95c, Per99, VA05, vI87].

inverted [KNN + 17]. Invertible [CRS05]. investigation [Chr01, EZ03, Liu97, Pot97].
involution [Sei02]. involving [CFRA08, CF13c, MV18]. iron [PS00]. IPDG [BS14b]. IPDG-FEM [BS14b]. iPSC [BRSD91, de 93a]. iPSC/2 [BRSD91]. iron [BMP05]. irregular [APJ09, BW95, DT10, DP90, EVa94, EW97, DLM16, PM14, Vic87b]. 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, CD05, DGCW17, HKNV16, KP07, LST07, SSV97]. issues [BF09, LMV17, Si10]. Itô [DR09a, DR09b]. Italy [RI02]. iterate [ST09a]. Iterated [LNZ12, Bic16, BCC16, BDFV93, Buc17, CM07, CX08, DV93, MZK05]. iterates [Bog12]. iteration [BY09, BLY16, CKB13, ELvdHS98, Gi88, GRLL01, Gug05, HL02b, Jia00, Mat05, ST09a, ST09b, SW95b, Spi95, WPL16, Zha01, vS93, vSvdH95, Ney95]. iterations [BSvdV99, BBLT15, DB95, DSS15, EH09, JKN94, Lab99, Phi87]. Iterative [Bea04, CFTW08, GPMR95, JGK11, MP05, Mar03, SS13a, SL01b, TS010, dH95, AC98, AGJ12, AHR12, AG05b, Bog16, BRBB18, Ca09a, Ca09b, Cao01, CH01, Cui04, DE16, DP90, Eij95, FL05, FLMR14, GH91, GM18, Gk09, GT02, HvDH10, HW97, IT07, JD09, Kin04, Kin95, CKF97, Kin94, KYC03, KSSS16, Kru99, KCB02, KY17, LPT16, LZ13, LWD + 09, LR00, MA09, MRRV93, Mar99a, Nak05, NH15, OMP98, Pea16, PM03, PT95, RV05b, RSK14, SW95a, ST11, SH02, SH10, SVB17, SW03, TK05, VMP03, Wan96, Wan07b, WL09b, WWS07, WYP12, XXQ17, YG95, YR92, YXB95, YH07, ZC91, vSK97]. iteratively [HSY18]. IVPs [BP12b, CM07, CX08, SS09, GM95, Jac96, JN02].

J [BtTBV87]. Jacobi [BGSO6, FLS94, For11, RF16, AM16a, BP02, BL06, CGT13, CXNF14, CFS13, CY05, DMR10, DB08, DDBH14, GEN0, yGqWsWC05, GH07, GSW09, HGP11, LHS00, MCS16, Mok17, SM13, ST03, The17, hYqW12, YXZ18].

Jacobi-spherical [GH07].

Jacobi-weighted [AM16a].

Jacobian [CZ97, GHWO1, KCW16, SY05, WGB99].

Jacobians [KCJP01].

Jameson [ANO87a].

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

joint [DNW18]. joints [MMP02b].

Jordan [GY94]. jump [AG05a, BAD13, CF08, HFL13, JD09, KKT16, KP18, KS07, ST11, ST14a].

jump-diffusion [BAD13, KKT16, KP18, ST11, ST14a].

jumping [MI13].

Kernel [FRv11, BLM17a, BZ94b, CDD00, CDD + 17, Che12a, Has13, KXXK92, LD97, MP15, SCHO8a, SKR + 16, TMD92, Tn93, TY03, VSG17].

kernel-based [CDD + 17, SCHO8a]. kernels [CHLX07, CL14, KR18, LNZ12, Maj14, MO17, PT11].

kind [BHR05, Bru97, CHH15, CS09, FGR09, Gw109, HLL09, Kan89, KXX91, LNZ12, Man97, Mie89, SV00, WH13, X09a, Xu16].

kinetic [AC11, FJP17, KW95, RA03, VK17].

kinetics [DS02, PM05].

Kirchhoff [Wei18].

Klein [CH89, HZ09, Lyn99].

Kolgan [VCC12].

Kolgan-type [VCC12].

Kolmogorov [BFdO07].

Koren [Hol01].

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

Krein [KNN + 13].

Kreiss [AK95].

Krylov [HH10b, Bai02, BBLT15, CM97, EAV16, FMP03, LS99a, MS99a, MN08, PR12, PWS98, RSY12, SW98, Sim10, SXX14, SS12, Wa95].
Krylov-ROW [Wen05]. Krylov-subspace [WBLT15]. Kuntzmann [VS94]. Kuramoto [AS04, Mar93]. Kutta [AMCM08, BDP99, BC08a, BCR01, But97, CH95b, CG13, CPR93, DM11b, GMG04, GML00, Hoa15, Lab98, LW17, LS05, Mur98, Pat98, Pat00, Som93, VDVV98, VV02, vS92, AH11, AM95a, AB17, Alb96, AMP03, AH17, ARS97, AFK92, BMQW16, BDGP96, BT97a, BJ05, BZ93, BV96, Bel97, Ben96, BG02a, BS92, Bos09, Bot97, BJ11, Bru93, BJ03, BB96, BB98, But96, BS96b, BW96b, BC97b, BT97d, BC00b, BS93, BS02, CMR94, CH95b, CI96, CDFN01, CG05, CCG13, CV95, Cas96, Cha96, CCM02, CCS17a, CS03, Coo99, CST97, CN11, DIJ12, De 88, DVFV93, DS05, DR09a, DR09b, Dia95, Duj09, Eir95, EH97, FS05, FS08, Fra04a, GCHR06, Gar10, GJ00, GPMR95, GPMPR03, GHAM12, HZ96, Hig96, Hig97, HR06, HS09a, H005]. Kutta [HXW15, Hor98, Hor05, HEJ96, IRC12, LJ17b, Jac93, JVZ96, JZ97, JKN94, Jay95, Kau93, Kau95, KCL00, KC03, KMG09, KS08, KW98, Kom07, KM18, KS89, KS09c, KKR15, KNO96, LX08, LP97, LO96, MK99, Ore03, Ost04, Oi09, Eir95, EH97, FS05, FS08, Fra04a, GCHR06, Gar10, GJ00, GPMR95, GPMPR03, GHAM12, HZ96, Hig96, Hig97, HR06, HS09a, H005]. Kutta-like [PCR17, WX06].

L-BFGS [CD18]. L-curve [CGG02]. lacunary [Mat91]. lag [KV95, SS99]. lagged [MG18]. Lagoon [RI02, BDES12]. Lagrange [OR18, ABG+15, BGG04, BN06, BCGH13, CN17, HLZ06, LH02, PAP17, PP92]. Lagrange-collocation [CN17]. Lagrangian [AL05, BB15, BC08a, BOu02, CFX08, CF13a, FVGS13, KCC04, MZZ17, PP00, RVD00, Sea09, WL10]. Laguerre [AT15, BMPR15, Fun90, yGyZ07, JCN94, Kza99, jWyG08]. Lambda [Leo10a]. Laminar [HYK86, AHS03, Kar99]. laminate [GP01]. laminated [FSB97]. Lanczos [BRRS15, BS93, EJS04, FN95, JP93, Khe91, KB04, RG02, YR09]. Lanczos-type [BS93, RG02]. Landau [BS06, LH17]. Landmark [LWCT07]. Lane [ER18]. language [PSB91]. Laplace [BSG94, BF15, Bie12, BD+97, EVO06, HdvHV10, KvyS15, Lau7a, LHLC17, LFP04, Mool05, VA05, vS87]. Laplacian [AK00, CF18, FVGS13, SN04]. Laplacians [LY02]. Large [Dat99a, Lys99, ND85, PS03, WVBM88, van95, AB10b, AB07, Bai02, BC99, BLW07, BN01, BHSW16, BT02, BJ11, Bue99, DW15, Ewi91, FTB97, FM17, GS17, Gen10, GT02, Hab08, HL07, Hey10, Jac96, Jia00, Jia02, KS07, KW95, KM11, LC100, LP05, LS13, LW92b, LCQ12, Mat86, NMSF94, Pe16, Per99, RS08b, SEG02, SM89, TYKK01b, Tac01, WSP97, YR92, ZK09].

Large-Scale [WVBM88, Dat99a, AB10b, BHSW16, BT02, BJ11, DW15, Ewi91, FTB97, FM17, GT02, LCQ12, SM89, Tac01]. Laslett [RMCG04]. latency [GR93]. latent [TS08]. lattice [EK06, La09, M12, VVR08, ZAB15, LLL08], lattices [ABD16]. Laurent [BMDG05, Nja88]. law [RMCG04, RB12]. laws [AM09, AKG14, Alf94, Bac14, BMGM12, BJ02, BTP96, BFA93, BDF94, BM12b, Bot16, BGP11, BS02, CH15, Dav92, DF96, DGRS09, EK06, FL01b, GT00, GJ17, HSS07, HWFC15, KS09b, KXR+04, KR12, KLSW06, LPR09a, LPR09b, Lr01, PGDB08, Tan01, XJ06, Ye04]. Lawson [AMCR17]. Lax [An087a, De 88]. Layer [USHT03, Bec18, DS97b, DK14, FM11, GGN12, Jun06, KDT17, K94, Lin01,
layer-adapted [FM11, Lin01, Mat09]. layered [IT07]. layers [AG98, BBV13, Bog00, EH91, FLR08, KOW05, LB-CN00, MOS02, MS91, OS08, Pet00, TY98, Ye04, ZTZ15, ZMC13]. LBB [BM12a, Do8b]. LDG [Cas06, AC15]. leading [AB15, GS17, OK98]. Lean [SA08]. leap [TH18]. leap-frog [TH18]. Leapfrog [NH15]. learning [KSP10]. Least [BM04b, CF86, CCLT10, KR10, MH16b, PS02, ZSJo4, AN15, AD01b, BLS’17, BB94, Ben02, CP07, C20, yDqGuJT09, HP85, Han87, HS17, KLY05, KS09a, LV12, Li11, Li16, LS17, LW18a, MOS12, MS08a, Mon09, Mou03, PS03, Ren13, SD13a, SLJ86, SWC015, YK04a, Yu93, Zha07, Zup03]. least-square [Li16]. Least-squares [CCLT10, KR10, MH16b, PS02, ZSJo4, AN15, AD01b, BLS’17, BB94, Ben02, CP07, C20, yDqGuJT09, HP85, Han87, HS17, KLY05, KS09a, LV12, Li11, Li16, LS17, LW18a, MOS12, MS08a, Mon09, Mou03, PS03, Ren13, SD13a, SLJ86, SWC015, YK04a, Yu93]. Lectures [Ano05f, Ano02e]. 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, DdSF07, DPLP06, FM07, FMU15, GKL07, HLL02b, HFL12, Hua17, Job01, KL09, Kuz90, LA11, Nak05, PSB09, PH15, TL07, Tob14, ZOZ09, ZWL11]. level-dependent [CCS17b]. level-set [PH15]. level-set/moving-mesh [PH15]. Levin [LWWX10, PCA10]. Lévy [ZO14]. library [AV96, Eij95, SW95a, Tou97]. Lidstone [CD05]. Lie [WKG12, WC02]. Lifshitz [BS06]. lifting [MB08]. light [Boh03, Den07, GV04]. like [CJL13, Li01b, Man97, Mur15, Par14, PCR17, SLJ11, SW13, TY98, WT17, WX06, ZZW97, JK94, van95]. Limit [Gil88, Jac88, Lem88]. limitations [CCM17]. limited [SM13]. limiter [DSZ15b, DSZ15a]. limiters [MS08a, ZQLK11]. Limiting [BM04c, KXR’04, Sim94a]. Lindsay [CA15]. Line [BGW18, HP15, Rei85, AHO16, XSP09, WZ16, jWjJ17, ZH15, ZP12]. Linear [Hv98, KK02, MS09, TZA13, AC98, AH11, AS13, AW14, AK00, Alb96, AMC02, AMP03, ACMC08, ACMR17, AT13, Ara99, AR15, Arm98, AES13, AGKK94, AC16, BF01, BBG14, BF17, BK06, BM04c, BM06a, BP12, BRBB18, BCJW17, BS03, BM09, Bru92, BCSH16, Buc04, BS12, BH97, BJ06, BRW17, BWE95, But85, BC95, BJ96, BS00b, BW03, BP06b, BD17, CIJ17, CRS05, Cao98b, Car09b, CL85, CD19, CHX13, CZY18, CG16, Cve02, DB97, DS05, DN13, DJM09, Eij95, EJS04, EJ88, Fac03, FH95, DSV13, FH08, FMGN94, FG09, FH97, GMZ11, GHK16, Gas92, GD09, GM07, GS09, GHT05, Guo96, Han87, HV91, HH10a, HP91, HA16, Hua98, HC03, HM10, HT94, IO18, IJ17a, KPY15, KZ13, KP03b, KCB02, KLSW06, Lem02]. linear [Lev91a, Li05, LSK12, LSF17, LC99, LS99b, LW92b, LLL12, LYK17, LMG02, LD02, LRT99, MAH18, MOS12, ML16, Mar08, MF99, MP89, Má95, MS90, MST09, MH04, MVG14, MRH14, Mot17, Nap16, NRZ12, ONS89, OS09, OTK04, PA93, PG10, Pic05, Pir09, PT95, PJBO4, Por17, QL16, RA05, RC18, Rum87, SS99, Sch12, SH02, SEG10, SWW16, Sd90, SS13a, SvdHN86, SW03, SXS14, Spi95, Spi13, SS99, Su94, TDPU17, VMP03, WL09c, WWS07, XFLC00, YG95, YR92, ZNK02, Zha07, ZP97, ZC99, Zla5a, dH95, in02]. linearising [OQ15]. linearization [Aro96, BCS17, HCC16]. linearizations [Mär95]. Linearized [CXZ14, BGG11, BP85, DG10, DJ10, FWL18, HNO3, KM16]. Linearly [Bru93, CfD01, CG05, ELCW98, JK12, PWS06, BJ06, BSW93, EM05b, GLP09, SMEN04, WSW96]. Linearly-implicit [Bru93, PWS06, BSW93, SMEN04, WSW96].
Lines [FG96, BL15, BDF89, BW96a, BCJ97, HT94, Tah96, TT03]. link [MS08a].

LINSOL [HSW99, HS02, SH02]. Liouville [AGM09, Con09, Ghe97, Pru00, SL15, VVD95]. Lipschitz [LS10, Mat86, RA09, ZM17]. Lipschitzian [WZ14]. liquid [BSP04]. liquid-structure [BSP04]. Lissajous [BDV17]. List [Ano02e].

Load dDF+94, Chr96, DBH+05, FLÖ+97, RN04]. load-balancing [Chr96]. loading [CS09, Che12b, Fai00]. Lobatto [BGVHN10, KK90b, SLW17, Wel10a]. Local [BE99, DNO9a, Eis86, EL94, FJ90, HMP14, Is02, Kim07, RZ00, Zha14, ZM17].

locally-refined [Zha14]. location [CHR03, Rya00]. locally-refined [GS94]. lumping [DS02]. locally-refined [PPS05]. look [Bot97]. lossy [LI14]. Lotka [GLS09, Mic03, Mvd04]. Load [BBG14, HM86, KLO00, MS08a, BLD17, Baz03, BHSW16, Bla01, Cam99, CMP06, FL09, HPS12, HLM909, HR14, Hey10, LCQ12, DE18, Ris05, SZL18, Ver96a].


M [BTBV87, dV95a]. Machine [Pet92, VV95, DF90, IMM04, MI03]. machines [Alt85, MRV93, SSW04]. magnetic [BC02, HLR18, LM00, WSC09]. magnetization [BC93].

magnetohydrodynamic [DM90a, SD11]. magnetohydrodynamics [AL17, CFXZ06, GDS+15, LMA18, Pow94, Tou10].

magnetoquasistatic [BBS11]. magnetostatic [BP85, Kur98]. magnetostatics [RV09]. magnetostriction [BS06]. Magnus [BM90a, IR01]. maintenance [KN08]. manifolds [EMMK01, FMMK01, DE18, Moo95a, MK99].


martensitic [WM07]. Maruyama [GLMY17, LLD18, WGW15, WMC09]. Mass [DL06, BRBM08, BBK87, CCGG81, CGJ6, FLL11, TW00, ZB07]. mass-conserving [BBK87]. Massive [Gae93]. massively [BMR+17a, de 95a].

Master [Ano92, Ano02f, Ano04l, FL09]. matched [DK14]. matching [BMS89, BTDV10, CLR11, Ste05b, TCC89, ZC92].
material [AEMX17, MAG13]. materials [CFRA08, Fra04b, HS07, SC03, Wee01].
Math [BTBV87, Kn95, Tsy96, YP18a].
Mathematical [BGG12, CL02a, DMQ02, FMSV07, JL14, MLK06, AKGR14, CDJT06, ESS15, EL01, LFL14, Riv09, Sae14, Sam94, Var92].
Mathematics [MH89, ZCSH11a, Ano87a].
MATLAB [EMMK01, RH92, ST01].
matrices [ABK12, BN99, BW03, BLD17, BC99, BG11c, BW06, CL06, DP12, DL01, DMPP99, EES05, EH08, GK03, GS08, Jia02, KS10, LMV17, LVP14, Liu02, Nak12, Not92, Nov03, PV93, Wan96, YD07, Zha00, dC18, dHV13].
Matrix [AMT17, GPHA16, SW95b, AB14, ACM09, AQ00, Bal00, BKS07, BRRS15, BL17b, BZ96, BR17, BP95, CG05, CBBG98, CP04, CKL03, CC99, Dat99a, DHM18, DMPP99, DP85, EAV16, Fuj99, GS17, Gab02, GGMP88, GGR97, HB02, Hugo99, Jam95, JMS99, JCN94, KCS07, Kru99, LDP+14, LP00, Lu98b, MH16a, MS99a, NRZR12, O’L87, Pea16, Per03, Ram96, SW95a, ST09b, SK97, SW06, SW09b, TW00, TM15, Win04, WPS18, YP18a, YP18b].
matrix-dependent [GGGR97]. Matrix-free [SW95b].
Maximal [AH11, AA94, Khe91, Mill17].
matrix-dependent [KSP10]. maximized [LS05].
Maximum [Hor99, Kra92, FP02, FHK05, SG16, Vej10].
maximum-norm [FP02].
maximum-principle-satisfying [SG16].
Maxwell [AG05b, AM10b, BC12, BG03, BFH09, Bür12, Bür13, CXZ09, DCC14, FJP17, HZ12, KCW16, Ngu15, Nke07, Pet00, RR14, RA09, WSY18, 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 [HM17]. measurement [KKN+17].
measured [HM15]. measure [dACR10].
Measuring [Sha06a]. Mechanical [CHI15, HLL09, Arn93, Arn98, BH93, FPS15].
mechanics [Car09a]. media [AK09, AKT97, BM04a, BM04b, BBL02, CCK03, CML05, CD13, DE06, DN13].
EH07a, ESS15, EWW99, FBS09, FJ09, GJR03, HJ09, HCW16, IT07, KMR09, MK14, MCM12, SS94b, SY08, TSFB01, WCW14, XZL07, ZYS14].
mechanical [TSB10]. medium [AD15, Cho13, KT05, KKK+17].
mechanics [Car09b, LLL12].
Mehrotra-type [Car09b, LLL12]. Meiko [HP91].
Mellin [Lau17b]. membrane [Boz11]. membranes [CGJ16]. memory [CFRA08, FVB05, Fre91, JP93, LW92b, LCJQ12, MRV93, VSM17, 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, CJS08, CLGD06, DF11, DEPS15, DMR18, DF92, FdSB02, FMP04, FR01, HW97, WCVF15, HR97, JP08b, JM94, LBLT13, Len00, LH09, LTL07, LS99b, Man96, MCE+09, NS03, NRR06, PD96, PH15, QM03, Ren14, SFJ+05, SYG+05, Sim94b, SS08b, Win17a, Zar17].
mesh-dependent [LTL07]. mesh-moving [BFA93].
meshes [BSG94, Bec18, BW95, BS05, BRRS97, Bo06, BP97, CHR03, CS08, DSZ15b, DL06, FH05, FVB05, FMGN94, FL01a, FM11, GH09, HMP14, KOF02, L01a, Mai09, Mat09, MST09, MKH16, NF2003, PSP04, Pic05, QM03, SE93, SY08, Tob14, Tur86, WG11, WZ17, YZ17]. meshfree [GM17]. meshing [USHT03].
Meshless [Li11, MS13, AAD14, AD18, BHJ13, KDT17, MD10, RP17, SD13a, Sch08a, 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, ARGA00, AMRR18, AGM09, AP16, AC15, AHT17, ABK12, AMT13, AA94, AK00, AT15, AMV17, AHR12, AMR14, AB10b, AT93, AB07, AL17, Ang06, AR18, Arc06, AB14, ABM17, AM16a, AMH03, AF89, AC16, AAD14, AD18, Aug89, ABG +15, AEF +14, ÁMS17, AV00, Bac14, Bac16, Bac17b, Bac17c, Bac18, BBV13, BLD17, BP14, Bal00, BLW07, BFI01, BFS17, BAD13, BLY17, BVT14, BO04, BHSW16, BGG13, BC08a, BM04a, BDF89, BF92b, BW96a, BC97, BTP96, BLM17a, BZ17a, BC08b, BGH08, BC01, BC04b, BRSS09, BBD08, Bo06, Bog16, BVV09, Bor97, Bos09, BJ00, BHH13, BRBB18, BSP04, Bür12, BH12b, Bus06, BS96b, BC00b, CGT13].

method
[CFX08, Cai15, Cao98a, CHZ06, CX14, CHZ14, CP94, CGG02, CM02, Cas06, Cau08, CS94, ÇD17, CM97, CMP03, CKB13, CS01, CX01, CC04b, CY08, CX09, CHX13, CSXL14, Che16, CXZ17, CC08, CS08, CCK08, CH13, CK10, CEW00, CL09, ÇK13, CJL98S8, CY05, dCCSR03, CG16, CNS00, CMS04, Coy12, CSC96, Cum93, CH90, DM12, DB97, DW00, Dav92, De 93b, DG10, DM09a, DA16, DA18, DJ10, DNNZ18, DYX09, DM09b, Den15, Den93, DLP06, DN13, DS97a, DS97b, Din93, DHL00, DN08, DDB14, Dol14, DL16, DPs5, DP90, yDqGnJT09, DIII15, EJS04, Elg17, ER18, EK95, EL97, EW97, EH07b, FID18a, FID18b, Fan11, FW08, FLW18, FL05, FFY08, Vf85, Fdi96, Fel06, Fer09, FdSB02, FSB07, FG13, FPS00, FV99, FR01, FM07, FMU15, FLL11]. method
[GS15a, GLS09, GM10, Gs92, GM18, Gk09, Gen10, Gla93, Goll86, GRL01, GDS +15, Gon06, GS09, GLM09, GT93a, GT02, GM17, GOP06, GTK10, GKA17, GGS16, GJR03, GJ08, GH07, yGyZ07, yGpY09, Guo15, GLMY17, GJ17, GL93, Gwi09, Hab08, HPY92, HRH12, Han93, HJS97, HZ09, HLZ14, Han10, HLMP09, HM01, Has13, HHC08, HL08, HSS07, HS17, Hen00, HJL18, HA16, HWC15, HR96, HC01, HLC01, HZ12, HFL12, HP15, HCM16, HS09b, HSY18, Ius97, Jad94, Jj94, JRT90, Jee09, JK14, Jia02, JL17, JLL13, JM06, JT06a, JD09, KKT16, Kål96, Kaman16, KDT17, KV07, Kan89, KKK92, KNN03, Kan04, KJ12, KKN +13, KV95, Kat89, KOR18, KO92, KSSMM16, KS02, KK09a, Kin12, KY03, KWLK00, KK00, KNN +17, Kop86, JKJ9, KPR12b, KP03b, KS09b].

method
[KLS13, KQ13a, KQ13b, KR18, KLSW10, KAS17, KX03, Kwe01, Kwe03, LH11, LHH96, LWT07, LHC09, LW93, LCHR03, Lau17b, Lau17a, Lee94, LL15, Leo10a, LHS00, LWD +09, L98, LFB00, LI00b, LY08, LI08, LH09, LY09, LWXX10, LK14, Li16, LYF17, LW17, LHC17, LR18, LD97, LR01, LX09, Lin10, LT01, LK07, LN08, Lin09, LH013, LYK17, LW18b, LMG02, LAH09, LF15, LOM98, Luc95, Luo18, LBCN00, MZZ17, MQO17, MDRR11, MD00, MMKN17, MH14, Mai06, Mai09, MOS12, MP11, MPSS16, MZS10, MCS16, Map05, Mar99a, Mar05, MT94, MMT90, MC17, MZK05, MS09a, MM07, Men91, MG18, MYSC17, MAG13, MOSW00, MD10, MS13, Moe98, MH16b, Mot17, MD96, MN08, MRFF17, MLB97, Mouv93, MWYZ18, NAK05, NMKE13, Ney95, Ngu15, NH15, Nov03, NS16, Oj88, PZXM16, Pap95, Par04, PM05]. method
[PBC08, PAP17, Pat00, PT11, PR90, PH15, Pet92, Ph08, Ph̃87, PP00, Pot97, PG02, QM10, QL16, QMLC15, RP17, RMCG04, K08, RV04, RV05a, RMM12,
methods

[BMIJ17, BM93, Bre85, BZ94a, Bru93, BMT93, BT93a, BT93b, BT95, BT98, BM02, BM06b, BM15, Bru92, BM97b, BM97a, Bru07, BH97, BJ03, BH12b, Bur85, BC89b, Bur91, Bur93a, Bur93b, BB96, BB98, BT09, But85, But93, BC95, B96, Bu96, BW96b, BC97b, But97, BT97d, BJ98, BC98, BS00b, BW03, BR05, BP06b, BD17, BS93, BS02, Cah89, CJ17, CH95b, CI96, CdF90, CG05, CMV91, Can99, CP002, CGJ16, CGA96, CM13, Cao98b, Ca01, CHLX07, CCP17, CP02, CP05a, CDJ17, Car90a, CL85, CD95, Cas96, CC92, CZZ18, C14L13, CG89, CM00, CC92, C14L13, C14L9, C16, Cod01, CM07, COX09, CP09, CD12, CP17, Coo89].

methods

[CST97, CN11, CN17, CPR93, CKM15, C1ul95, Cve92, DJ12, DP12, DV93, DS05, DR09a, DR09b, DK11, DS07a, DS07b, DG912, DM11b, D9GRS09, DMPSC16, DSW96, Don91, Duj09, E1AV16, EH07a, EM05a, ELv99, ELCW98, Eir95, EHM01, E1ng11, EG88, EK97, EH97, ER07, EP15, EFLF09, Eva94, EC07, FMMK01, FD16, FW07, FZPAR09, Fat12, FLMR14, FL04, FS08, Fer93, Fer96, FM95, FMW05, FS88a, Fou91, Fra04a, Fra06, FG09, FH97, Fre98, Fu02, GH01, Gan09, GS99a, GM16, GV18, GANT02, GCHR06, GMG02, Gar10, GGLR09, GM93, GHH09, GAW9, GY94, GLWP09, GG95, GM05, GM95, Gee97, GD09, Gje07, GP01, GPMR95, GMPR03, GPA06, GPHAM12, GPA16, GML00, GMGF02, GMG94, GKL07, GQ08, Gug05].

methods

GR93, GWH01, Guo01, GZ11, CR02, H1ag15, HM87, HZ96, Hai97, Has09, HJ05, HLT07, HW06, HMD103, HK93, HM00, Hes00, HH10a, Hey10, Hig96, HR06, HL02a, HMP14, HS09a, Hoa15, HO05,
methods [LP05, Lay08, Lay09, LT12, Lei99, LPR00a, Li00a, LPZ00, Li01a, Li05, LX08, LHH08, LLY11, LA11, Li12, LZ14, LZ17, LW17, LZW17, LKJ07, LFL14, LS13, LLS^+96, Liu02, LS07b, LNZ12, LMP99, LT93, LP97, LW95, LMWZ95, L05, LRT99, MDD14, MOS02, MPP09, MAH18, MP96, MDT05, Mar93, Marr03, MRV93, MO01, Mat09, M3ST09, MR94, MG97, MI13, MP97, MOU14, M^+15, Min04, Moo95b, Moo95a, MRS10, MK99, MKS12, Mr015, Mur98, Mus11, NRWF08, NBNTGV11, Nie86, NFAE03, NS13, Nov08, OS08, ONL89, OZ96, Oos95, OG08, Ore93, Ost93, OT02, Ost02, OTK04, OS12, PGA93, Pat98, Pav00, Pec09, PA91, PSR04, PP92, PS00, PA05, Phi91, PG03, Pin09, PWS02, PWS05, PWS06, PT95, PC17, PAJ12, P417, PC17, Pul86, QL^+08]. **methods** [Ran15, Ran16, RSY12, RKVZ15, Rha97, RTV00, RTV02, Ric91, Ro05, RBT15, Sae14, ST09a, SH97, Sar05, Sch08a, ST89, SW09a, SW95b, SW98, SWE05, SW09, Sch12, SW95d, SGS00, SZ09, Sch05a, Sch87, Sch05b, SEG02, SB14, SR90, Sh89, SWX00, SL09, pSLJcY16, SA00, SC08, SJ11, Sid90, SG07, SD09, Sv95, SKW17, Som86, SvdHN86, SCvdH92, Som93, SK96, SW03, SdSC99, Sp095, Sp896, Sp13, SS13b, SW12, Sto96, SS12, SL08, SW05, SGN08, TMD92, TSB10, TDC13, TOD11, TB01, TYJ11, TK15, Tru00, Tur93, VB07, VD9V98, VV02, VV07, VV09, Van00, VS94, VZ93, Ver06, VS95, Ver96b, VS91, VMS07, VMP03, Wa95, WKGS12, mWyG00, WZL08, WM08, WL09b, WL09c, WL09a, WG10, WL10, WZW13, WGW15, WMF17]. **methods** [Wan17a, WSP04, WE12, WK12, Wei95, WYL11, WS969, W95, WC95W, WSS97, WZ17, XLFC00, YG15, YK07, YG99, YW08, YZ17, YR92, YXB95, Yu99, YTTZ18, Zen93, ZL01, ZH09, ZC10, ZZZ97, ZLL11, ZFX17, ZS04, ZP07, ZX09, ZCSH11a, ZQLK11, ZCSH11b, ZX14, ZC99, Zla85a, Zla85b, dAF17, de 92b, dRT99, de 95b, in 92, in 95, in 96, in 99, in 95, in 96, in 02, van95, vdES04, vdHVW01, vSC02, vS93, vC93, van93, vS96, van96, vS97, vDHD09, vdHS01, vdSvdH95, AGM09]. **metrics** [CLGD06]. MFE [ZYSZ14]. MFS [SK10]. MG [JMP06]. MHD [DM09a, HS04, QM10, SD11]. MIC [GKMS09]. Michaelis [Van09]. Mickens [MdD04]. microgravity [CMP06]. micromagnetic [TSFB01]. micromagnetics [NW04, XL09b]. microscale [CL02b, LC02]. microstructure [GP01, MS00]. microstructures [Li00b, Li01b]. midpoint [SR97]. migration [NS16]. milling [IMM04, MO03]. Milstein [RKVZ15, WL09a]. MIMD [SD03]. mimetic [APJ09]. Mindlin [KX03, Lam13]. Minimal [Bar12, BFGP08, CP10, LS13, CKB12, Cll95, Hin97, Kie95, DE18, Ren14, Zha97]. minimally [BRIP08]. Minimization [Dra97, Gab02, WW99, CXX14, DWO0, FBM17, Sch95a, YP18a, YP18b, ZHL08]. minimizing [Bar97, HJP10, MKH16]. minimum [BSvdV99, GL17, Sch96, Tad86]. MINLP [EW08]. mirabilis [Aya09]. miscible [SY08, ZYSZ14]. mites [CL02a]. Mixed [BMM97a, GH07, HS04, Z04, TJK98, VB07, VMS07, jW15, AP09].
mixed-FEM [BGG04, GMM09].

Mixed-hybrid [VB07].

Mixing [dB03, Gro94, MS91].

mixture [CG14].

MLDG [AD18].

MLPG [DM09a, AS11].

MLS [MS13].

MMOCAA [ZYSZ14].

mobile [JL17]. mobile-immobile [JL17].

mobility [KK09a]. Modal [FID18b, Dat99b, RGÖS18]. mode [DG96, EH91, dPT96]. Model [BO87, HK09, Mac66, MVG14, MPtM16, TD09, WM07, AHT17, AB15, AL08, AD04, BC12, BFS17, BM05, BVT14, BK09, BF09, Bho11, BTMT08, Bou02, CCGGS11, CF13a, CKP15, CST18, Cha17, CZY18, Chr96, CL09, CHS9, CF13c, CA15, CR04, DMR18, DG18, DL16, FKA+13, Fou00, GKH16, GLV03, GM18, HJ09, ITZ17, JK17, JN07, JL17, JT06b, KCW16, KAS17, LFL14, LN08, LG02, MPPS16, MT11, MT05, QAE+09, RMCG04, RA17, RW87, SM12, SH97, SG16, TKN11, TLV92, WL09c, WCGW95, WM09, WYP12, YCY12, YV17, ZW09, ZAB15, van09]. Modeling [BH85, LC02, Per88, BLS94, Bai02, BLW02, Beh07, BG12, BM05, BB003, CM09, CKN15, ESS15, GJR03, HM00, IJ14, IH13, IM00, KGR08, KADK16, LCJQ12, MCM12, Mur15, Neu88, NB94, Ram94, SKAW12, SWFK13, TDPU17, YC00]. Modelling [BW86, RCGM98, BBPR05, BDES12, BC005, BR94, BCS06, DSO3, FMS07, Gw09, JRSW06, KRKB16, LBLT13, Rob10, SMC08]. models [AM95a, ALMO4, ABD16, BL15, BAD13, BB05, BN03, Cal15, CFCH09, CDV00, CD13, CF08, dCCSR03, Dal00, DMQ02, DS03, DT89, EP15, EL01, FV01, GV02, Go090, HL97, KKT16, KD13, LS07b, MLK06, MM14, Mus11, PCRR17, RP17, RTR14, ST11, ST14a, SLY86, SvdHK94, VVR08, WK02, YK07, ZC92, vSK97]. modes [CCS02, Mul99]. modification [BKM13, CJV88, VO00b, Wa88].

Modifications [Rei85]. Modified [Guo15, Has08, LS99a, HM16a, Mar94, SY03, SL08, Bog12, CL14, CO09, DP12, Est95, HPY92, HP85, KM18, KR18, LY09, LO07, SW09b, VVD95, WL10, WW14, WYP12, XC85, XXQ17, XZZL15, ZHJ14, Zup04]. modular [SA12a]. modulated [Pul05]. module [SW95a]. modulus [MM16a, Wa90]. modulus-based [MM16a].

multiresolution [BBRBS09, DGRS09, FR14, GDS+15, JP17, PD96, PGS10].
multiresolution-based [PGS10].
multirevolution [MP97]. Multiscale
[CL08, DC09, EH07a, WCW14, CKB13, CC04b, DDHS97, DXY90, HSY18, Jeo09, JEG10, LNZ12, Rob10, SKAW12, SQ17, YC16]. Multispectral [CdCV03].
multisplitting [Liu02].
multistage [AH14, BJ98, JVZ95, JR00]. Multistep
[CP09, FMMK01, VZ93, AFS00, AFS02, Arn98, BCS17, BT95, CM13, CL85, Cha98, Den15, FHV97, GM16, Gje07, IJ17a, LMG02, MST09, ONL89, OTK04, PGA93, SvHDN86, Spi95, Spi13, in 02, vB95].
multisymplectic [AM04].
multithread [RRMJ12].
multithreaded [Chr96].
multivalue [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 [Tor06]. myelinated [LFL14].

n [Pav00]. NACA [De 02]. Nador
[BDES12]. Naghdi [DL16]. Nanjing
[LST07]. Nanostructures [KNP16].
narrow [Con89]. NASCA [BJS12]. natural
[CdCV03, Che16, DdCV03, DY03, HY01, Hua17, HS97, Sch91, Ste05b, VZ93].
natural-norm [Che16]. nature [VS91].

Navier
[KM16, Kni95, AR18, BB15, BG11b, BC01, Cau08, CSX14, CD13, DY17, DJ10, DS97a, DNO8, DJL04, FD16, GM10, Guo00, GH07, Guo15, HHC08, HLO8, HW15, HFL12, ITZ17, Joh01, Kal96, KS00, KCL00, Kni94, KDK17, KN93, Kwe03, LA11, LR00, LO96, Med96, Nor97, OK98, QR03, QMLC15, QAMX17, RV05a, RK91, SH10, She96, SA00, Shy86, ST86, TH18, TLV92, Ton04, VG04, WY02, YC16, Zha14].

Newton-Stokes [Shy86]. NCP [PGP03].

Near [PGM86, Ari04, BRIP08, KLSW10, RS08b, Sch02]. near-breakdowns [RS08b].
near-critical [Ari04]. near-minimally [BRIP08]. nearly [DMPP99, SL01a].
nearly [BR05, DN13, ELR+15, Fat10, Mou03, Win01]. nearly-singular [Fat10].
Necessary [Meu14]. necessity [BC05, BDDV12, BDBV10].
negativity [HS17]. neighborhood [Bar05].
neighborhoods [Zha07]. nerve [LFL14].

Nessyahu [ASC03]. nested
[Im00, KS09c, PSP04a]. NETNA2015
[DCW17]. network [Boli03, CFS13, CG03, DTV93, EM05a, SG05, SBG09]. networks
[Bho11, Bor16, CG16, JRW06, SMCO8, SG16].
Neumann [AS11, Bie12, DP85, DY03, FL15, HM17, KvyS15, Lau17a, LLHC17, MI14, OL87, OMP98, PA18, RBC02, jWqW09, jW15, bYqW12]. Neumann-to-Dirichlet
[Bie12]. Neumann-type [HM17].
near [Boli03, CG03, JRW06, SMCO8]. neuron
[Bho11]. Neutral [Jac87, BP06a, Bru07, EH97, Gan90, HHT97, JL91, LLD18, WZL08, WC11, WC14, YXT17, ZH09, ZP98].
nuclear [FdSB02]. Neville [AGP97, GP93].
Newell [MDRR11]. Newmark
[KLW12].
Newton
[Agu15, AB07, AM17, Ar99, BLS+17, BHWS16, CKB12, Car94, Fre91, GM93, Gug05, HH10b, HCW16, HST14, JKN94, JLL90, KY17, LMP99, MYSC17, PKSB10, PGP03, SW09a, SY05, SL09, pSLqJcY16, Spi95, ST14b, WZ16, XZZL15, ZZW97, Zha01]. Newton-like
[JKN94, ZZW97]. Newton-multigrid
[HST14].
Newton-type
[PGP03, pSLqJcY16]. Newton/GMRES
[PKSB10]. Newtonian [CCLT10]. NFFT
[HNP17, Nes16]. Nicolson
[ZZJ18, ZR15, FP02, LFBO0, TH18, ZL17].
Nicolson/Adams [ZZJ18]. Nine
[Pot85, Lyn92, WG11]. nine-point
DSSC13, DL16, DHM09, ESEKZ10, EJS11, FID18a, Fd196, Fer96, FI03, FV87, FJS99, FL01b, GLS09, Gan09, Gan96, GS99a, GLW14, GM16, Gar96, GHKM09, GMS12, Gon06, GGNP02, GKA17, HM87, HJS97, HdrSRI17, HK93, HM09, HS95, HJKW17, HHL18, Hua98, Iga85, Ius97, JZK06, nonlinear

[JRT90, JW01, Jia12, KM95, KK06, Kim07, KNT13, KSSS16, KSP04, KKP17, KL17, KL15, LPT94, LW93, LOS03, LA11, LW17, Ly03, Liu09, LMP99, Luo18, Ma03, MPH09, MDP10, MK14, MP11, MS02, Moe98, NC16, Oji88, OT02, OTK04, PM01, Per99, PA91, Rha99, RT14, RV05b, SH97, SH09, Sch09, SS99, Sch98, SY05, SY07, tSqWyG16, SZ12, SZ17, SYB17, SC03, SS09, SG92, SL01b, Tah96, TH09, VSG17, VP91, VP03, mWyG00, Wan01, Wan07a, Wan07b, WL09b, WC11, Wan11, WZ14, WGW17, WZ16, Wan17b, WL18, Wei09, WP99, WB03, XZL07, YLS09, Zha96, ZHZ09, ZZW97, Zha01, ZPT92, in 95].

nonlinearity [Fuh01]. nonlinearly [MˇS99b]. nonlocal [ADFR18, Bor02, Deh05, DM09b, KBS11, MVVA09b, NY13, PD01, VS91]. nonmodal [Dat99b]. Nonmonotone [ZH15, BBD18, Yu08]. nonnegative [BW03y]. nonnegatively [FLMR14]. nonnegativity [Hor93]. nonnegativity-conserving [Hor93]. nonoscillatory [HOEC86]. nonparaxial [MP11]. Nonreflecting [Rya00]. nonselfadjoint [CX01]. Nonsmooth [L096, ZWX17, Aca12, BG02a, BRW17, Nke07, Ri92]. Nonsmooth-data [L096]. nonsolvable [CC90]. Nonstandard [KCC04, BF01, Mic03]. nonstationary [Cao01]. nonstiff [AFS00, BF92b, Chae98, CM07, CX08, Pan07, VS94]. nonsymmetric [AL05, Cao93b, Cao99, CK98, Je93, KG90, KCB02, MRS10, SEG02, YG95, YSBL14].

Nonuniform [JM94, DSSC13, Li01a, MS90, Tur86, KQ13b]. nonunique [CY98]. nonviscous [LKJ07]. Nordsieck [AH15, Bjo5, PWS06]. norm [AFF+15, CKB12, Cxz14, Che16, Dol14, EFLFP09, FP02, Gab02, Hor99, JM05, Kra92]. normal [CFRA08, CJ90, FH10, FMU15, Gs99, dP96]. normalized [Auz03]. normed [BRIP08]. norms [Bre02a, GCHR06, HJP10, TM05]. note [Ano04m, AHS03, Ber15, Cao97, CS17, EK96, HV95, Iva07, JW01, Jun07, KM16, Li12, Lon88, Mar93, MVVA09a, MclD04, NR14, OL87, RSK14, TY03, We10a, YSBL14].

Notes [DT10, BW96b]. Novel [BLD17, NMSF94, LMSW17, MC17, ZL17]. NiD [CAAT16]. NUFFT [MZZ17]. nullspaces [SY05]. NumAn [ADG+16, HKNV16]. Number [FG01, PGM86, BG11c, BS09b, CH95b, CG14, FHJ+02, GS99, RSVP03, HD04, KO96, Kwe01, LH08, LH09, PBC08, dC18]. numbering [BW97]. numbers [BBL15, CMS06, GR93, LW18a, SQ17, Win01]. Numer [Kni95, Tsy96, YP18a]. Numer. [BtTBV87]. 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, BFdo07, BGHR12, BGM+15, BCDP17, BH85, C99, CAH92, CDV00, CCMS11, CCG13, CHP09, CST18, CCK03, Che12a, CBD16, CF05, DFZ12, Da00, D07a, DGCW17, DG96, Den07, DL13, Die15, DRC85, DLM02, EIs86, E203, FF06, FMM13, GM85, GKT10, HKS86, HM87, HLR18, HM00, HJ06, JAC87, JRW06, JPM06, Jun06, JT06b, KX91, CO92, KW95, KP07, KS04, KPR12a, KDAK16, LA12, LMV17, Le 12, LTT07, LZW17, LJK07, LO03, Liu97, LP97, LRE04, MO17, MP96, ML16, MNR14,
Numerical

MF99, Mat08, MS02, MQ00, MH04.

Numerical

[Mok17, Moo95c, MRFF17, Mot17, NS12, NER95, ND5, Nur09, Ob15, PT09, Pe15, Per88, PS00, PW98, Pot97, QAE+09, RP17, RC18, RMM12, RX17, RO16, RBT15, SA90, SKBAS08, SKAW12, SH02, SR88a, SWW17, SC03, Son91, SR88b, St05, Sp90, Sp93, SG92, Str98b, SH91, TER03, TKN11, Tia15, Tsy98, VA05, Van92, VBD93, XGM08, Xiu08, Ye04, ZCSH11a, ZAB15, de92b, de93a, vHA98, ALMM01, Abu04, AQS94, AL95, AEMX17, APA92, Ang06, AD01a, Arn93, AS00, AAD14, AM16b, Auz03, AMS14, BDMG12, BB15, Bla93, BS08, Buc04, BGS02, BC89b, BC89c, CF90, CFS97, CL08, CG92, CL85, CD95.

numerical

[CW98, CP05b, CGN03, CJ90, CZY08, CAAT16, CNS00, CM04, Cu95, DDZK05, DS17, DG10, DZ12b, Den93, DMQ02, DS12, Do05, DBBH14, DC09, ESEEK10, EL01, Fai00, FW07, FHM+02, FJ97, FL15, FdSB02, FMSV07, Fra04a, FLL11, GQ89, Gl93, GMG10, GMGF02, GLM09, GP06, GKL07, GL17, GR66, Hu02, HB15, He15, BUC04, BGS02, BC89b, BC98c, CF90s, CL08, CG92, CL85, CD95.

numerical

[CW98, CP05b, CGN03, CJ90, CZY08, CAAT16, CNS00, CM04, Cu95, DDZK05, DS17, DG10, DZ12b, Den93, DMQ02, DS12, Do05, DBBH14, DC09, ESEEK10, EL01, Fai00, FW07, FHM+02, FJ97, FL15, FdSB02, FMSV07, Fra04a, FLL11, GQ89, Gl93, GMG10, GMGF02, GLM09, GP06, GKL07, GL17, GR66, Hu02, HB15, He15, BUC04, BGS02, BC89b, BC98c, CF90s, CL08, CG92, CL85, CD95.

Object [LLS+96, EMMK01].

Object-oriented [LLS+96, EMMK01].

objects [DH12a, SS15, IT07, QL16].

oblique [Sod91, WN12, WL16].

Obrechkoff [VW99].

Observations

[Pet87, YGY15, YK07]. observed [FV01].

observers [PGC01].

obstacle [BS14b, Im00, KJL12, Map05, QL15, Zou11].

Obviating [AM16b].

Occasion [CHM09, EST15].

Ocean [AL07, Beh97, Lee94, LG02, RG05, RMM12, RW87].

October [Wen10a].

ODAE [PP92, odd [AS05, BTB87, TV87]. odd-even [BTB87, TV87].

ODE [Aro96, BM09, MP9+16, SSV89].

ODEIVPS [Bur93b].

ODEs [ABH14, AH15, AB07, AV96, AB98, AB09b, BK06, BM06b, BKW06, BP06b, CCMS11, HS09b, KKP17, LS07a, Mur98, Mur99a, Pat98, SC11, SA12b, SK16, VS95, WSP97, BT97b, BM02, CM97, CPR93, Gas93, GX93, Jc96, JN02, MWH93, MQ03, Sal98, Sha95b, Sha05].

off [FV85, Fuh01].

off-diagonal [Fuh01].

oil [Aff94, FBS09].

Old [Cuy90].

omitted
One-on-the-fly [BMR$^{+17a}$].

One [Buc06, De 88, Gil10, KL09, Pet87, Bac14, Bh012, BFA93, Bok03, CP05a, Chi93, CY05, CN11, DR09a, DL13, Eir99, EK97, FP02, FD97, FdSB02, FR18, Guo01, HZ09, H09, Hor99, Hua00, HL89, Kam00, Kie95, KS09b, LL98, LAH09, MQO17, MI13, Mo95b, Mus11, SM04, SLJ86, SM93, Sha85b, SJ11, SW12, TYJ11, TM04, Ver93, WZL08, Wan17a, WSS97, YDWW17, ZH09, ZZW97, ZQLK11, Bru97].

One-block [Guo01, ZZW97].

One-Dimensional [Pet87, Bac14, BFA93, CY05, FP02, FD97, HZ09, Hor99, KS09b, LAH09, MQO17, Mo95b, 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, EK07, Kie95, SM04, 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, BF09, Bre10, CM02, GK09, IHS13, Kan04, Kie15, KNT13, Kyv15, LMS08, MS99a, MV18, Ost02, SCT05, SN04, WK00, WWLS08, ZHW$^{+17}$].

operator-splitting [AMT13, BC04b].

operators [AL95, Auz03, BRIP08, BK06, BCE04, BM06, Ch01, EH07b, GGMP88, GSR00, GP04, GS05, Haa97, HB02, HH98, HM01, HZ02, HS97, Osw97, PAG93, Pe15, RO$^{+18}$, Stg98, SG06, Xu13, YBL13, vSW90].

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

optics [DHL00, RVdCVR02].

Optimal [AMP03, AMCM08, APA92, AV09, BS05, CC18, Chi93, DM09b, GS99a, GP98, HJKW17, HJJL18, IPL02, KP18, KMG09, Kwe03, LMWZ10, MG97, Nke07, ST09a, SHA12, AA04, AM99, AM00, AVMV09, ARSW05, BCT16, BGH08, BGP11, BVB09, BSZ15, CKP15, ECB07, EGL09, FG13, For11, Has08, KP15, KR15, MZS10, MKH16, NK11, PLJ03, RSD$^{+06}$, SG00, Sim94b, XL11, YGY15, YK04b, YC$^{+16}$].

optimal- [FG13].

Optimally [KLSW06].

Optimally-stable [KLSW06].

Optimization [Bie87, CD91, Jor11, LH013, SS09, AH09, AD09, CH87, CD18, CMS06, DW15, EM05a, EM05b, Fer14, For02, GM08, GMZ08, GM10, GGP02, KK11, Kok08, KLS13, KL87, LS10, LS6, LT05, MJ16, Meh08, Min87, NK11, Ou11, PCR17, RP01, Ren99, Rha97, Rha99, SP99, Sch09, SWJ09, SA08, SDSC99, TLP18, WM08, Yu08, ZW11, ZP12].

optimization-based [Kok08].

optimization/simulation [Min87].

optimize [CD18, IMM04, MI03, SH02].

optimize-then-discretize [CD18].

Optimized [Cha17, QLL$^{+08}$, Tsi01, AKGR14, CM02, GKMS09, Mar05, SEG02, Ven15].

optimum [Meh08].

option [AD99, CF08, FV01, GG013, KKT16, LL15, ZW09].

options [ALY03, AO05, BP14, BAD13, BN06, Bi01, CXZ15, CPG017, HFL13, DLM16, RP17, ST11, ST14a, TGB08, ZGO12, ZO14].

orbit [DG10, vdHMdS99].

orbital [GML00].

Order [BCJW17, Bur85, BT97d, But98, But09, Gar10, IN89, Jac87, Sin98, ZM17, ZJ10, AH11, AB12a, Abu04, Aca12, AKGR14, AB88, Agu15, AB15, AES15, AEX17, Ale11, AM09, AM00, AMCM02, AMCM08, AMCR17, AMCR06, AHR12, AL17, AT13, Bac17a, Bac17b, BMGM12, BG11a, Bia02, BOEP00, BFS17, BM05, BKR13, BM01, BN06, Ber04, Ber05, BZ17a, BCC16, Bla01, BCR01, BC05, BM06a, BC01, BVV09, Bos09, BJ11, Bra00, BMPR15, BPTT15, BRBM08, BBK07, BT95, BMM97a, Bru07, BDM03,
BB96, BB98, BS96b, BJ98, CH95b, Cam99, CPP02, CGA96, CM13, CDP17, CGA93, CHSS01, CP05b, CES91, CCC08, CS03, CYM09, CJX11, CX17, CS08, Che12b, CRU15, Chr01, CN16, CCJ99, CST97, CD00, CN11, CN15, CLS04, Coy12, CP03b.

order [DR09a, DR09b, Deh05, DDNZ18, DZ12b, Den15, Den93, DB08, DC09, DJJ +15, EHM01, EES05, Elg17, ER18, EL97, EP15, EN09, EW97, EH09, FJ17, FW08, Fer93, FJP17, Fou00, FG09, FM11, GS99a, GX11, GLLW14, Gar96, GMG04, GLPW09, CJ00, GPMPr03, GMLO0, GOP06, GGR97, Guo00, yGqWsWC05, yGpY09, GHF00, HP97, Not92].

order-dependent [ZJ10].

order-preserving [ZM17]. ordered [HP97, Not92]. orderings [Ara99]. orders [AMP03, ESEKZ10, SV00, Tsi01].

ordinary [AT93, Bac16, Bac17b, BJ05, BZ92, Bok03, BJ11, BC98b, BB96, BB98, BC95, BJ96, BJ98, CL01a, CD95, Den93, Em96, FMMK01, GGMP88, yGpY09, HJ05, IM98, Ise02, IJ17a, JZ95, JZ96, LMSW17, MP94, NMKE13, RT95, San89, SZ12, SCvdH92, SL01b, Ten15, TYJ11, Tsy96, XFLC00, YC13, ZG92b, ZC99, in 95].

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

Orthogonal [Ari03, BDMGVO05, AyLqW18, ADG11, BSFDM02, BR01, BRS16, Bre91, BDRZ04, CJ96, CKL03, CMR12, Chin03, Codi08, DA18, DR01, DMR10, DIR13, DM97, DJM09, ERS00, FRV11, FR18, FB17, Hig96, JT90, Jou05, KS10, Lee10, LFBO0, LZW17, LZY09, Mar94, MM02a, MdR05, Mic89, SG09, SLZ10, TJK18, WM07, dACR10, RMM12].

orthogonality [BDRZ04, JJ15].

orthogonalization [SS99, ZNK02].

orthonormal [CaAL96]. oscillating [CPR93, DYX09, DC09, FW08, Mar94, RCGM98, San00]. oscillator [EK95, MH04].

oscillators [FW07, GMG02, JZ90, YW08].

oscillatory [ASCM02, CC04b, Che12a, CEW00, Den93, DSZ15b, DSZ15a, Eva94, EW97, EC07, Fra04a, Fra06, GMG02, GMG04, Has09, Has13, Ise02, KM17, KCI03, LWWX10, Mal17a, Mot17, PGDB08, TJ12, Vv05, WWX13]. Oseen [AKL08, Cao10, Cod08, KCL05, vdVS08].

Osher [HS86, LDLW16]. Osher-type [LD1W16]. other [DLW16, Che09].

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

outflow [Nor97, Nor09]. outflow-explicit [MOU14]. output [CDGA17].

output-based [CDGA17].

overdeterminations [HP14]. Overflow [FT96, FT06]. Overhauser [Arc06].
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, Wei95].
own [KV07].

P [CHM09, Kan04]. P.D. [Ano87a]. P2 [Kim12]. P_TWARSLIB [SW95a]. package [HSW99, HS02, HK93, HVY91, SH02, dH95].
Padé [Ari87, Kid90a, Sad96, AEG12, Bel91, BW15, Bre96, Bre02b, Bre10, But09, CL06, Cat10, Dar90, DMGVO05, DMGVPO09, GLL14, Gil00, GVP93, GM94, KS91, Kid90a, Kid90b, Lor10, MrR05, OGV92b, Pre90, Pre95, Sad97, van86a, vI87]. Padé-type [Bt92, Gs94, Lb94, OGV92b, vI87]. Painlevé [AY15].
pair [Cul95, FW07, Tsi01]. pairs [BL05, BS92, Hig97, SV00, TM15, Ver96a]. panels [NBP94]. Pantograph [AS00, BG1T97, DBBH14, Ise97, Liu97, Wan17a]. papers [FJ97, vdHSW98]. Para [BRS16].
Para-orthogonal [BRS16]. parabolic [AP16, ADK94, AES15, ADFR18, AMC02, AAI +93, APJ10, AED12, BK13, Ben17, BC08b, Bos12, Bos16, BJ03, BJ06, BCS06, CS94, CX01, CL10, CO11b, Deh05, DSS13, ELCWS98, EL94, FID18a, FHK05, FM95, FJS99, GQ99, Gq00, GDS +15, Gon06, HZB05, HK012, HM01, HP14, HW04, HO05, IVA93, JCSR03, KL98, KDA13, 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, Sti03, SLZ10, Tnu09, TV91, VSG17, Ver96b, Wkm04, Yu99, Zho17, Zko00, Znu95, Ant13]. parabolic-hyperbolic [GDS +15, Sea09]. parabolised [BS08]. Parallel
[AB09b, BOEP00, BDF94, BS92, BTDV10, BMT93, BT98, BF95, Bur93a, BT00, BC95, CX14, Con89, CP17, Der92, DF96, FL0 +97, Fv99, FPS15, GM93, HH10b, IM02, Kie95, Kim95, MW93, Mic95, Mie89, Nak05, Oep93, Pe92, PV93, SK97, Sch91, SH10, SQ17, Ste05a, WSP04, YH07, ZC91, ZR09, vSC92, vC93, van93, vdHMd999, AT93, AB98, BN99, BC99, BMR +17a, BRS91, Ben96, BHN01, BT02, BTP96, BDFV95, BS91, BT93a, BT97c, BDP96, BS00b, CKB13, Chr96, CM07, Cx08, CPR93, Cve02, DssF07, DVP93, FL93, FL01a, Fre91, Gen10, GY94, GGM95, Lab08, HY02, HVY91, Je99, KG90, LS99a, LYOI99, LN92, No05, OP04, Oos95, PS91, Psw02, QR03, Qu06, SW95a, SWE05, SW09, SK91, SCvdH92, Son93, Tsa91]. parallel [Ts92, VG04, VS94, VP91, WK12, WWS +93, WCGW95, Zr99, dH95, dDF +94, de 92b, de 95a, dy95a, de 95b, vs93, vS96, vvdV97, vdSvdH95, dH95]. parallel-iterated [CM07, CX08].
Parallelism [Che88, GX93, KP07, Doi91, Gea93, SD93]. parallelizable [Kim94]. parallelization [Jun97, RRMJ12]. ParallelO GAM [AB98]. Parameter
[BBV05, BP92, KK06, OS08, San18, SW09, SSW04, AMV03, AD04, BO04, BR94, Deh01, DT89, Ein99, EG88, FHM +02, GOP06, Hin97, LN08, MCSR06, MOSW00, Neu91, Sim10]. parameter-uniform [FGH +02, MOSW00]. parameterisation [CM04].
parameterization [Gar05, LG02]. parameters
[AB09a, ABP95, BAP +06, BD07, BBCS05, BCMV03, BS00b, Cat10, CJI13, HK09, MW93, Pul09, WLO9c, Zr97, ZFX17]. Parametric [GBF99, Lo06, AGK88, WP95, Che16, GS99b, LS07a, Ren14, SC11]. parametrization [GLM09]. parametrized [HM09]. parasitism [NH15]. Part
[BV94, Mur99a, BO11, GG016, Ioa89, Kru99, XB14, BDDV12, CY05, DGN12,
Partial [BGHR12, BGH +15, Luc05, Pet87, Rei85, AM99, AM00, AMCM08, AF89, ARS97, BJHJ05, BHIJ06, BK09, BRRS15, BtTBV87, CSS87, Cha98, CL01b, Dat99b, DS05, DMGV065, FID18a, FL93, GVP93, GM17, GN86, GGO13, HP18, HR96, HL89, JZK06, JMY10, Koz94, KP15, LHHR94, Lay09, LW18a, LYK17, LS98, MT11, MZK05, MT06, Meu14, Olv92, PM05, PAJ12, PT15, Pre90, PG02, Pul09, RA05, SS08a, Sar05, Sch87, SD13b, ulVS13, SG17, TN16, Tan93, Tho85, Tia15, TS08, TDP17, TV91, Tro93, VC10, Ver96b, WS97, WdG92, YDWW17, dDF +94, tV87, vSW90, van96]. partially [GLMY17, HP97].

Particle [CKM15, MP85, CDD00, Cat10, CK06, GS15a, LL06, Nic86, RA03, SKR +16, Tow16, ZML +12]. Particular [PCA10, Pré95, ZPT92].

Partition [CDD +17, BSP04, Mit97, PPS05, SH10]. Partitioned [BD17, CH95b, DM11b, HR06, Ree03, WGKS12, Wen98]. Partitioning [DS02, HW06, BSW93, FL93, GY94, RP01, TD09]. partitions [DS97b, LMS09, Psp05, Psp04b, SST09, SST15]. partnership [HL97]. parts [RGOS18, Str98b]. passing [BC99]. passive [CG13]. past [CRTU15, LMS08, PP00, TOCV02, Son00].


pathology [AQ00]. Patrick [PSR04]. patterns [Hue99, NMSF94]. PC [CM07]. PDEs [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, Wa100b, Zeg97, Ber04, Ber05, CMC016R02, GGR97, WKM04]. peak [Wa95]. peak/plateau [Wa95]. peakon [CLP15]. peakons [AS06]. Peaks [Cu95].

Peer [PWS05, SW12, WSP04, CMRV11, GLPW09, JK12, SW05, SW09, Sch12, SK17, WEA12, WK12]. Penalization [BCL15, PBC08]. penalized [KvS15].

penalties [Imo00, YZ17]. penalty [BB94, Buc17, CH13, CSM07, HHC08, Hes00, HFL13, KSM16, LY01, ZL18, Zho17, Zho18, ZCC11]. pencils [AA94, AT13]. penetrable [BBLT15].

penetrative [Tse00]. Pereyra [MP98]. perfectly [DK14]. perforated [CL08].

Performance [BDG09, GY94, LS07b, MR93, WT08, BMR +17a, BDP96, CB99, Dea11, Du11, Fre91, Gen10, HD04, JJ94, MMBB07, Sal89, Win92, van98].

Performances [CCM17, CG03]. performed [BCE04]. Periodic [GM85, BK14, BDKM92, BO11, BMM07b, BM09a, CDP17, CCP04, Con99, DG10, DB95, FJ09, Gil88, HJ17, Jac88, Lem88, Lio06, MN08, Nes16, Ngu15, NT16, PPS10, Pat98, S1d14, SvdHN86, SS09, VVD95, Vic92, Zha14].

Periodically [YXB95]. Periodized [XB14]. permeability [CG03]. permeable [CG13].

permutation [CV85].

permutation-perturbation [CV85].

Perron [Fer14]. personal [Hau87]. perspective [MMP02]. perspectives [AB09b]. Perturbation [RA05, Ar95, BF99, FHM +02, FV85, HP18, KH +14, LV14, Nak12, NT16, SdSC99, Sto96, TM15, Vdul92, VNd95, ZGL98].

perturbations [BT94]. perturbative [Cat10].

Perturbed [RSL89, Rei85, AL98, AMS14, BM00, BM01, BO04, BRRS97, Bg00, Cum95, FW07, FJ09, GMGF02, GOP06, HL99, Kau95, Kau97, KS04, Li00b, Li01a, LT01, LMG02, LW95, MF99, MOSW00, MPT16, Mus11, OS08, OQ15, PXM16, Pap95, RK08, RC18,
RTU15, SK16, SWW17, YW08, YZ17, Zar17, ZCZ15, ZL18, ZLG15, ZX14. Petrov
[DM09a, MS13, AD08, BBR07, DGN12, GJ08, KDT17, KNN03, RP17, Sac93, mWyG00]. Petrovskii [BFdO07].
PGEM [ABFV09]. Phase
[JK17, Boz11, CH15, ER07, GHK16, GOGF03, KSMMM16, KN16, LL98, LY08, MR06, Pat00, RZ15, Sch16a, SY08, SS09, TCCW89, TKN11, Wag98, WM08]. Phase-field [JK17]. phase-fitted [Pat00].
Phase-lag [SS09]. phenomena [Pir09, Ven15, ZG92a, ZG92b]. Phenomenology [Bri85]. phenomenon [BCJW17, FRRJT10, Jun07, RSL89, BO11]. Phillips [Lub92]. photonic [NS13]. physical [YK04b]. physics [AK09, Cat10, MA09, PCA10, Sam94]. physics-based [AK09]. physiologically [CKP15]. physiologically [BL15]. Picard [Lay08]. Piece [LSY17]. Piece-wise [LSY17]. pieces [WWS+93]. Piecewise [PGS10, RF16, Bec18, CL14, DS17, GV89, LZ17, Pia05, Pla08, Sti03, TL07, ZWL11]. piezoelectricity [M204]. PIM [dH95]. pipe [DM09a, RR00]. Pipes [hYK86, TT03]. Piskunov [BFdO07]. pitching [OK98]. pivoted [HPS12]. pivoting [GP93]. placement [YK04b]. planar [BF01, EM05a, EM05b, Gab02, RAS99, SK01]. Planck [Van02, jWyG08]. Plane [PGM16, LHC09, MM02b, Mik97, MS99b, PA18, Wan05]. plane-wave [PA18]. Planewave [NS13]. Planning [MZ87]. Plasma [DRC85]. plastic [HS07]. plate [BLS94, BH12a, CM09, yDqGJ09, Fai00, HLC01, KX03, YTZ18]. plateau [Wa95, Har09]. plateaus [Cul95]. platelets [SWFK13]. plates [CCS02, KK06, Lam13, NMSF94, QR03, Wei18]. 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, Bac18, BM12a, Bec18, BCC16, BB10, Cao03, Cao07, Cao09, Cao10, Car09b, Cas96, CW98, CJL13, CL07, CC08, Cui04, Dj10, DMGVO05, DMGVO09, DMSPC16, EHM01, Ehm02, Gil10, GVP93, HK93, HM09, Ins97, Jac93, Kat89, KS01, Kor95, Lyn92, OG08, OGV92b, OGV92a, PPT02, RV05b, Sim04, Ske99, Ste97, Wan07a, Wan11, We11b, WG11, WYP12, XZZL15, YP18a, YP18b, ZZ97, Zha07, Zup03]. point-like [CJL13]. Points [Eis86, Bal00, BS00a, BE99, CN15, FG13, Gil91, HM09, HS95, Maj17a, DE18, Nov03, Oji88, PSP04b, SK10, SL08, Wai98, WT08, Xu16, YT03, YDW17, ZS04]. Pointwise [Len00, Wei09, ZMC13, BSZ15, Fra14, TM04]. poisedness [WW05]. Poiseuille [MM07]. 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, CKB10]. polygonal [Hin97, 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, GVSL06, GJ17, Han06, HL08, Iva07, JBL11, Kid90b, KY17, Mar99b, MN03, MQ03, Mie89, Nov03, PH91, Pla08, SD13a, SZ12, SZ17, Win01, Win04, Wu03, ZWK15, de 92a]. Polynomialization [Boy07]. polynomials [AMT17, AYLW18, Alt85, ADG11, BR01, Ber05, Bor10, BWY17, Boy15, BRS16,
Bre91, BDRZ04, BDMGVO05, CMR12, CKN10, DVG00, DRO1, DRM10, DIR13, DB08, DM97, DJM09, FRV11, FR18, GSW09, JCN94, JJ15, JT09, Jou05, KP92, Lec10, LX10, Mar94, MM02a, MG97, Nap16, Pat98, Per03, Sim94a, TJK18, dACR10. polynomials/functions [GSW09].

polyvalent [CMR94]. population [AM95a, AMT13, ALM04, Aya09, LS16, QAE+09, SH97].

porous [AKT97, BM04a, BM04b, BBL02, CCK03, CML05, Cho13, CD13, EH07a, EWW09, FB09, GJR03, HJ09, HCW16, KTO5, KMR09, MK14, MCM12, SR88a, SY08, ZYSZ14]. portable [PSB91]. posed [CRS05, EG88, Kli15, Luc95, MRH14, Sam94, XXQ17]. posedness [SSZ16].

position [CM06]. Positive [BW95, Cao07, DBCBPP10, Ara99, BRBM08, BBKS07, Ca01, Che12b, CL88, DL01, GP93, GP04, GP17, KCHB02, Lee02, Lu98b].

Positivity [BK12, Hor98, Ber04, Ber05, GM87, HKO12, Hor05, KP03a]. Post [BSZ15, CCM02]. Post-processing [BSZ15].

Post-projected [CCM02]. Posteriori [Rei85, AS05, AB10a, AOW94, AR18, AP08, AM16a, BLS94, Bac14, Bac16, Bac17a, Ban07, BS14b, BCS17, BM13, BBG14, BRV09, BC04a, BHR05, B1r12, CMP03, CCS17a, DDDP12, EG88, EFLFP09, FH10, GHH09, GHT05, Joh01, JM94, KTD17, Kim07, Kim12, Kwe00, LCHR03, LS12, LY03, Moo04, Neu88, Roz05, SS00, SZ09, WH13, XL11, YSLB14, ZC15].

postprocess [dFN00]. Postprocessing [CJX11, GANT02, SY09]. Potential [Man96, BP85, CHPV09, CML13, DD97, DS97b, FS15, FJP17, KK02, LWD+09, LN08, ST14b, VZ93, dRT97]. potentiality [BT97c]. potentials [AES15, AEMX17, CCP04, EP15, FvdMS17, Gia12, Kan00, MZZ17, RV15, RS00, RU15].

Powell [BFGP08, LMS09, MB10, PT09, SST09, ST15, Spe12]. Power [DRC85, BL06, CFV10, CL88, Lon88, Mat91, ST09a, Wen10b, Win04]. Practical [Iga85, CK06]. Prandtl [CMP06, FHM+02, PR89, RLSS06].

precision [Var92, vdHMD99].

Preconditioned [WWS07, AGJ12, AG05b, CR05, DW00, HV91, YG95].

Preconditioner [BTMT08, Bao96, BLY17, BG11b, BCSH16, DO95, DO98, Dor91, Fuj99, GS92, HY02, HvdHV10, KKP07, KM16, PM03, SWX00, 97, Wan05, WCX10].

Preconditioners [Elm02, AK09, BT99, BS10, Buc17, Cai15, CRS05, Cao07, Cao09, Cao10, CES91, CH01, DDSF07, DJ10, EVO04, EVO06, GMM07, GCP01, GGR97, Haa97, Kost02, MB10, MD96, NR14, Osrw97, PS09, Sim04, ZNK02, de 95a].

Preconditioning [AES13, KK09b, NRZ12, OKS10, San03, AS15, Bai96, BT93a, CD18, DB07, DDS89, DSSC13, Gen01, GKLMS09, Guo96, HLM09, Huc99, KJ99, ML91, Mun00, Not99, SW98, SH02, Tur93, WZ02, Zha00].

preconditionings [BD85]. predator [CL02a, Wan09]. Prediction [Bre85, Cat10, YH07, ZHIJ14].

determination [ZHIJ14]. predictor [ASC03, Bur91, CXZ15, IM02, J0L12, Wai98, Zla85b, de 95b, vC93, Bur93b].

predictor-corrector [Bur91, J0L12, Zla85b, vC93, Bur93b].

predictors [HR06]. Preface [AM05, AGH+10, ADG+16, Ano00f, Ano00g, Ano10, AM05, AM08, BGS14, BAV08, BC94, BBRW10, BR09, BGHR12, But94, CPS02, C03a, DFI+17, GHR06, GCJ+12, GKS04, HHHV03, HKV16, Jac06, JRS14, LST07, PS04, PS05, SW95c, SG02, SSW02, SVSW05, SVAW09, Spi03, Spi04, VS04, VHW12, tRdvd91a, tRdvd91b].

preferential [QAE+09]. prefractional [BBV13]. preliminary [QLL+08].

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, HKO12, HMT03a, HMT03b, Hua09, JK14, KGR08, KT05, KMG09, KP01, MDP10, MDRR11, NBNTGV11, PA05, VL08, ZM17].
preserving [Rob10]. pressure-velocity [LY16].
preventive [KN08]. prey [CL02a, Wan09].
prey-predator [CL02a]. prices [LL15].
Pricing [ZO14, ALY03, AD99, BAD13, BNV06, CXZ15, CPOGO17, FV01, GGO13, KKT16, RP17, ST11, ST14a, TGB08, ZW09, ZGO12].
Primal [AP16, dRT99, BSZ99, HMW05, MDT05, Par04, SZ99].
primal-dual [Car09b, HMW05]. primitive [GGRN17, LLL08, RG05, RMM12]. Prince
[EL97]. principle [CL01a, FHK05, SG16, Tad86, Tol03, Vej10].
printed [BLW02]. priori [Cha17, Dek17, HMW05, JR02, KPY15, LMWZ10, MS03, TM05].
probability [BD07, DNW18, Shy91b]. Problem
[BH85, YK04b, AH09, AMRR18, AB15, AHS03, Ant13, AC18, AL98, AKL08, AMV03, AP08, AS00, ABLG12, BF01, BBD18, BM13, BGG04, BM00, BRS05, Ben02, BGM+09, BBCS05, BLY16, Bis11, BR94, BJ00, Boz11, BS97b, BP85, BSZ15, BSP04, BP95, CFRA08, CL08, Cau08, CGN03, CKP15, CMP03, CX01, CH07, CJX11, CH04, Cop03, CF05, CF13c, CF14, CA15, CA16, CG14, DY17, DT15, Du11, yDqGuJT09, EM05b, EW08, FH+02, FE93, FL15, FBS09, FH10, Fer93, Fer96, FBM17, FFQ09, GS15a, GLV06, GMM09, GMS12, GS18, GOP06, GL17, GGG16, Guo00, HS07, HLZ14, Han87, Han09, HILK13, JH06, HK85, HX11, HLC01, IV16, Ius97, JP08a, Jes93, KS91, KPR06, Kim94, KS09a, KNP16, KKN+17, KS01, KS04, KCW16, KRKB16].
Problem [KW93, Kwe01, Le 12, LL98, Le102, LPZ00, LMA18, LW18a, LO03, LK07, LLL2, LYY15, LW18b, LP01, Luc95, MG00, Man97, Map05, MNR14, MN03, Mat05, MM02b, MS08b, MOSW00, Mol95, MCM12, NS03, NS12, NY13, Njá88, OQ15, OP04, PS00, Pic05, Por17, QC12, QL15, Ram96, RSL9, RTU15, RBT15, SSZ16, SGS00, SR88a, Se14, SC08, SK01, Sto96, ST08, Tia15, TT03, TM15, V817, V01, WW05, WN12, WL16, WQ17, WW14, WT17, Wu09, YLL09, YL13, ZTT15, Zoi17, ZG92a, ZCZ15, Zhe07, Zho17, Zoi18, vBvdZdB08].
Problems [De 88, Gus88, Per88, SM85, ALMM01, AP16, AL09, AB97, AGJ12, AyLqW18, AES15, AEMX17, AMC02, AMPO3, AMC17, AB09a, AMV17, AMR14, AT93, AD99, AG05b, AC08, APJ10, Aug89, ABG+15, ABRW18, AMS14, AL05, Bac17a, Bac17b, Bac18, BC12, BS14b, BLS+17, BY00, Bar09, Baz03, Bec18, BBV05, BHN01, Ben17, BC08a, BGG12, BC04a, BDF89, BW96a, CBT16, BW97, BC08b, Bic16, BCC16, BGH08, BMR17b, BMT10, BKP14, BS97a, Bla00, BRR97, BBD08, Bog00, Bog12, BMMZ06, Bos09, BBLT15, BP90, BM01, BT95, BT98, BM09, BJO1, BJ03, BJ06, Bur93a, BT00, Bus06, BC89c, BS00b, BR05, BD17, C89, CRS05, Cao03, Cao07, Cao09, Cao10, CP07, CL85, Cas96, CW98, CM02, Cas06, CS04, CP05b, CES91, CM00, CP07, Che96, CR05, CK98].
problems [CC04b, CZ04, CYM09, CL10, CM14, CML05, Che12b, Chn17, CH13, CJL98, CG16, Con99, CN17, Cui04, DZ12a, DPPR16, DDHS97, DDP12, DA18, DW15, DS07c, DMPSC16, DS96, DS15, DP90, DY03, DL06, EHM01, Elm02, ECF07, EG88, EGL09, EHO6, Ewi91, EL94, EGH01, FMS18, FW08, FH05, FL05, FD97, FH+02, FdB02, FMP04, Fra04a, FG09, FLR08, Fra14, Fra16, Fun94, GAML04, GMZ11, GMG02, GMG04, Gen10, GAW09, GS89,
GRLL01, GPMPR03, GML00, Gon06, GH02, yGpY09, GHF00, Hab08, HJS97, HKO12, Har98, Har10, HOS99, HM01, HSS04, HW06, HMdV03, HK03, HM00, HMO9, HLO2a, Hin95, HO05, HSY18, IO18, Iga85, Imo00, IT16, JJ94, JP08b, JS09, Jeo09, JR02, JCSR03].

problems [JNPC03, JM94, JV09, KDT17, Kat89, KOR18, KG90, Khe91, Kim07, Kli15, KL09, Kur98, Kas17, LHH96, LWT07, LHC09, LR99, LV12, LKV01, Lau17a, Lee94, Lei99, LFB00, Li00a, Li01a, LY08, LMWZ10, LW17, LLHC17, LT07, LC99, LMSW17, LS07a, LX09, LS99b, LT01, LY03, LCJQ12, LT05, LMP99, LT93, LGMO2, LAH09, LFX15, LW95, LOM98, MH16a, MOS02, MK14, MA09, MS03, ML16, Mat94, MS00, Mat86, MS90, Mat09, Meh08, MR01, Meu91, Min87, MRH14, Nap16, Ngu15, NB01, NFAE03, Now96, OS08, OTK04, PZMX16, Pap95, PAP17, Pea16, Per99, PA91, PV93, PEC00, PJB04, Pou00, Pul12, RP01, Ram94, RK08, RV04, Rha99, Ric08, RV09, RV05b, Ros93, RU07, SST04, Sac93, SAG86, Sam94].

problems [Sch93, Sch90, Sch09, SKAW12, Sch16b, SWE05, Sch95a, SWW17, Sha98, SL11, pSLqJeY16, SWW16, SJ11, wSJF15, Sim04, SD09, SKW17, Sol15, SWW15, Sub04, SvDVd06, SL01b, SW05, TL07, TDC13, TLV92, TK05, Tsy98, VO00b, VV02, VVD09, V98, Vej10, VB96, VeYD02, Vul92, Vul95, Wan07a, Wan07b, WCLX09, WL09c, Wan11, WZ14, Wan17b, WCSQ18, War92, WTWL08, XFLC00, XC85, XXQ17, YGY15, YSBL14, YZ17, YC16, Yos00, Yu99, Yua03, YD07, ZG92b, ZMC13, ZL18, ZPT92, ZWL11, XZ14, Zla85a, ZCC11, FG96].

Procedure [Pot85, BFA93, BS94b, CKB12, DSZ15b, DSZ15a, HP15, Kin94, LR87, Par04, SW85, TK05, ZQLK11]. procedures [BSZ15, CJ17, FS05, GGO12, GGO16, LP97, Nor97, Rha99]. Proceedings [Ano02g, FG96]. Process [Bie87, BF17, BRZ10, BKP15, KL87, LYY15, OR18, PGC01, RW87, RSD90, Zha96, ZGO12]. processes [ABD16, BLM17b, BZ91, CKB13, KSSS16, RY13, ZO14]. processing [Alt85, Bla01, BCR01, BSZ15, CF13a, Duf90, JP17, XLN92, Sae14, Söd06]. processor [VP91, Win92]. Procrustes [FBM17].

Product [TMD92, AAD14, BS05, Fuj99, GCH06, GVSL96, GKA17, MN03, MC17, RG02]. production [BDM03, KN08]. products [Gi91, Goo90, Mar09, WGB09]. Professor [CHM09, EST15]. profile [BN03]. profiles [CDV00]. program [HSW99, HS02]. programming [BSZ99, Car09b, EB12, GS99b, GT02, GL17, KS91, KS10, LLS*96, LRT99, MM16, Ren99, SZ99, VB99, Zha07a, dRT99, ZNKO2].

Progressive [EW97]. Projected [TMM15, CCM10, KP03b, SS12, Yu08].

Projection [dAF17, AMR14, AL17, BJ02, BLW07, BS91, Cai15, CM97, ÇK13, GV04, Guo15, HL08, Kan89, KL09, KR18, LA11, Mat09, Min04, SEG02, Tob14, YÇ16, YLS+09, Zha14, ZHJ14]. projection-based [ÇK13, YÇ16], projections [CH87]. prolate [BSDG09, FRJR10].

prolongations [Ste08], prone [KN08]. propagating [RAS99, SM13]. Propagation [AL87, DE06, Gus88, AD15, AD01a, Boh03, CH89, Den07, FMS18, FJ09, GL93, IJ14, KS98, KKE16, LFL14, Spi96, Ven15, Vic87b, Vic92, Wag85, Wei01].

propagations [Son91]. propagator [NW09]. proper [DA18, LZY09, SG09, SLZ10, WM07].

Properties [GVSL96, ARGA00, Ale11, BN09, BF92a, BZ92, BGT97, Bre85, BT93b, BUR85, CHI12, DIR13, EGO09, GIA12, GIL10, GS15b, GS95, GPP03, HLMKZ06, IM98, JVZ96, JVZ97, LBCN00, MCM12, PHI87, RZ04, RZ09, SCK93, SKE89b, SG17, 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, ER18, HS17, HS09a, Hoa15, HH10b, MKS12, PBC08]. pseudo-penalization [PBC08]. pseudo-RBFs [Boy15].
Pseudospectral [BMV06, HT00, AT15, Aug89, Boy91b, CD00, DDS89, DHL00, EES05, Elg17, Fun90, GT93a, JR00, KS09a, Mar93, MZK05, TX18, jWyG08, jWjJ17, YH00, ZL11b, ZK00]. Publisher [Ano04m]. pulse [TER03, TCCW89, XC85]. pulse-spectrum [TCCW89, XC85]. pump [RVD00]. Pure [BB15, Usm97]. pushbelt [SUP+12]. put [ALY03]. PVM [Mic95].

q [MM02a, Pav00]. QED [Sus10]. QMR [Cao98b, FN95]. QN [Ree03]. QR [GS08]. Quadratic [FS88b, Han06, HL02a, IO18, LMS09, LT05, RS14, SE93, AHR12, Bic16, Bra00, CL07, DW00, Eir95, EB12, GT02, HWX15, HMW05, LP00, LL02, LF15, MMP09, RL86, SST09, SST15]. Quadratic/linear [IO18]. quadratically [YP18a, YP18b]. Quadrature [KM17, MO01, ADH00, Bre10, BDMGV05, BGVHN10, CMP15, CCBGV08, CL14, CHH15, Chr01, CEW00, DGV00, DBCBPP10, Der92, DIR13, EC07, Fid17, HA16, HLL09, Ioa89, KCI03, Kza92, Kza09, LWWX10, LFS15, Lub92, Maj14, OR18, Pel15, RdAP96, S12T12, SHA12, Sid14, SS16, The17, VV05, WT08, XGM08].
quadratures [DMGV009, Elg17, MD06, MSP10, Mil17, Wel10a, Wel10b]. quadrilateral [Bof06, MCS06, SN04, TW00, Yi12].
quadrilaterals [BSGU94, GHT05]. Qualitatively [Pru00]. quality [BGG12, BS96a, CGCMTR02, Zup03]. quantification [BF17]. quantum [CCP04, JT06b, Lub04]. Quasi [BRDZ04, 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, WP12, BMR17b, BLML7b, GM03].

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 [BRDZ04, JJ15]. quasi-static [Cop03, CA16, GLV06, RR14]./quasilinear [Ben98, LL04, Sch87, Vii92, ZLLG15]. Quasistatic [CFKS07, WAV12, CFRA08]. quenching [LLT07]. quintic [DS17, Spe12].

Random [BO87, BJ02, BF17, CS09, Che12b,
DFC09, HP18, Lav94, Pule09, SZ12, SZ17, SdSC99, TD09. random-data [TD09].

Randomized [JLL90, OP04, PM14]. randomly [DH12a]. range [Azu03, CBD16, Eva94, EC07, Has13, JP08a]. ranges [Spi93]. rank [BLD17, Baz03, BHSW16, Ben02, BMR17b, Dor91, DSS15, HPS12, HR14, Hey10, Lai09, SY07]. rank-deficient [SY07]. Rannacher [GKMS09].

Raphson [JLL90]. Rapid [LR93]. rapid [DC09]. Rate [ND85, Pré95, SS13b, AL05, KGR08, Maj17b, Mar09]. rates [BFK11, CHS17, KN08]. ratio-dependent [ZA06]. ratio [Pic05, Wan09]. ratios [AR93, CJM88, ML91].

Raviart [BC08b, Bra00]. Ray [SSW04]. RBF [BB10, CGGM17, GJ17, JGK11, KCS07]. RBFs [Boy15]. RC [AKGR14]. Rec [CM04].

Re-parameterisation [CM04]. reacting [TER03, dBo03]. Reaction [GM85, ND85, ALMM96, ALMM98, ALMM01, AL98, ABR05, BMO1, BRBRS09, BC08a, BC04a, BW96a, BFds10, CFCH09, CdfN01, Chn17, Den15, EV96, FMP04, FJ95, GAML04, GV02, GPPR12, GPH9A16, HW06, HS95, HV95, JT06a, KC03, KCP01, KOW05, KL90, KS04, LW93, Lan95, Lan97, Lio1a, Lin09, LO96, MMNK17, MG18, MOWS00, P09, wSJP15, SG09, SG07, SW13, Str08a, TH09, TMM15, VVR08, VeC10, Wan01, WL09b, Wei09, Won08, ZDTB03, ZCZ15, VK17].

reaction-diffusion [ALMM96, ALMM01, BM01, Chn17, Den15, EV96, HS95, LW93, Lan95, Lio1a, LO96, MOSW00, SW13, TMM15, Wan01, ZCZ15]. reactive [CG16, KW98, KCC04, SW05].


reconstructed [DL16]. Reconstruction [CPZ17, CGGM17, GOGF03, ABJ12, CH87, CdCV03, DH12b, DSZ15b, DSZ15a, KHM+14, Kin12, LLY15, RS09, RG0S18, San03, SL17, XL07, ZC91].

Reconstructions [AN15, BM04c, BL06, MS08a]. Recovery [Sch08a, BB94, BGS02, LN08, Nke07, ZY14]. rectangular [CYM09, HS97, PH91, ST08, WM07].

Recurrence [Pré10, BRS16, Leo10b, Lev91a, TJK18]. recurrences [Cao98b, WW99]. Recursive [FS88a, MST07, BCSH16, Koz14, SST04, SS10]. Recycle [WSC09]. recycling [SSX14]. Redistribution [Eis86, AGM95, DPPR16, RN04]. Reduce [WSC09]. Reduced [Dal13, Roz05, AW09, Bao02, Boy91a, DF11, DA18, DS03, Dor91, DSS15, HMDV03, LZ09, MH14, PCRR17, SLZ10].

Reduced-basis [Roz05]. reduced-order [Bai02]. reducible [Der92]. Reducing [RB12, dV95a, DS02]. reduction [AMC02, AMC17, AFLP12, BMR17b, BCJW17, CH95b, CHZZ06, Cha17, Dah02, DY03, HK09, JLH13, KCW16, LH13, MVG14, MPTM16, PJBO4, SMJ12, Sch96, Sch98, SH98, SSvG10, WM07, YV17, YT03, dG91, dRT99]. reentrant [MPTT17].

reference [BN03]. Refinable [GP04, CMP15, GPP04, GS05, GP17, Pe15]. Refined [SM85, BSGU94, BS96a, EL94, HMP14, Jia00, Jia02, Zha14]. refinement [AA94, AS97, AL98, AGJM04, AKL08, AF89, BMGM12, BFA93, DF96, FM95, HW97, JP17, LCHR03, MT05, Moo04, PC00].
refinement/derefinement [PPC00].

refinements [LH09]. reflecting [Dea11, GP98, SG00]. reflection [Vic7b, VS91]. Reflectionless [Pet00].

reflections [Dea11, GP98, SG00]. Reflectionless [Vic87b, VS91]. Reflectionless [Pet00].

reformulations [PGP03]. refraction [An16]. refractions [Gro94].

regime-switching [BAD13, RY13]. regimes [GOGF03].

regional [Bou02]. regions [CP05a, CMCGTR02, CSM07, DP90, NU15, Ou11, Ren14, SP99, ZH15].

regression [DEPS15].

regridding [Fer93, TV91]. regula [CL07].

regular [AFS00, Hig97, AR93, AA94, Chu03, HP97, MOS02]. Regularity [JVV96, JVV97, XFLC00, AW09, BM05, SZL18].

regularization [BFS17, DH12b, EG88, FFO09, HSS04, HJP10, KL15, LPT16, Le99, Neu88, RSY12, Sam94, San18, SWW16, Sid14, WLO9c, WZW13, XXQ17, YL13].

Regularized [CZY18, AD01a, LV12, Lyo12].

Regularizing [BK06, BP12a, BG14].

relax [SC11]. relaxation [AKGR14, AEF+14, BN99, BZ93, CC18, Cve02, Fan11, GMP88, ITZ17, Jac93, JZK06, JW01, JTO2, Kor95, LR93, Li00b, Mar05, OG08, Poh93, RT00, RT02, RZ15, SS08b, VP91, Ye01, ZK00, in 95].

relaxations [BDP96, SC11]. relaxed [Gu01, Lio02, SZL18]. relaxing [MRS03, Tan01]. reliability [BLW02].

Reliable [AC10, CH04, HOS11, Zou11]. remapping [CS08]. Remarks [BK06, BP12a, BG14].

remediation [AVVMV09]. removal [DFZ16, MRS10].

representation [AD04, BRIP08, BJ05, DGD03, DJJ+15, Moo95c, NW09, TD09]. represented [CFV10]. representing [EGL09, Kam00]. reproducing [BLM17a, SD13a]. repulsion [CPD+05].

requiring [BBLT15]. research [HEJ96, KNO96, LWCT07, Var92, CB99].

reservoir [ZC92]. reservoirs [Aff94].

Residual [CF13b, Joh01, Wal95, Wei18, BB94, BSvdV99, B¨ur12, CUL95, GMS12, Kam16, KAS17, LS13, Sha05, YSL14, Yi12, Zha97].

residual-based [B¨ur12, Kam16]. resolution [CXNF14, CJLS98, CSM96, HAG15, Har93, Jor11, MM14, Moe98, Pir09, TDC13].

resolved [WK02]. Resolvent [Str98a, AK95, Sp97]. resolvents [EH08].

resonance [CDJT06, HLR18]. resonances [Kim14]. resonators [Den07]. respect [CMP15, Jac93, TM05, Zen93]. response [BR94, CFS02, GRJ02]. responses [CFC03]. Restarted [Mor05, HC01, Jia02, KBG04]. restarting [Du11, WPS18]. restoration [BS10, SC08, WY12]. Restoring [LL06].

restricted [SK01]. restrictions [FS05, Ste08]. result [Val95]. resultant [Win04]. resulting [Tol04]. Results [Bie87, AV96, BM89, BT98, BJ01, BJ06, BC89b, CKPS15, Fdb97, FNT06, GH91, GGO12, GGO16, GPHAM12, GPP04, HOEC86, JL94, LS07b, LFS15, Mat03, MRF00, QLL+08, San89, Tou97, Van00].

retarded [Bic16, DD97, FS15, ZP98].

Reuse [WSC09, CS97]. reverse [AGM95]. Reversible [Lei99, HLR01, Lei02]. Review [Gat91, Tur93, ABFV09, Cas06, CV88, GM94, Pla08, Tsy98]. revolution [LX08].

Reynolds [FHM+02, Kwe01, PBOC8, PGMS6, SQ17].

rezone [HL89]. Riccati [AB10b, BHSW16, CF13b]. Richards [APJ09, BCS17]. Richardson [LX09, NS03].
Riemann
[CH15, CG14, LK07, RZ15, Sch16a, SL15].

Riesz [AHO16, CDW13, MCS16, DE18].

Riesz-fractional [AHO16, AED12, EJS04, SY05].

right-hand [AED12, EJS04].

rigorous [CY05, MPG+16].

ring [WB90].

rings [DG96].

Ripa [TK15].

Ritz [BGO13, LH02].

river [AVMVM09, HS98, IHS13].

RK [AFS96, CX08, SG96].

RK-methods [AFS96].

RKDG [ZQLK11].

RKN [Con01, CM07, FG09, Lab99, WMF17].

RKN-type [CM07, WMF17].

Robin [Uty08, BCL15].

Robin-type [Uty08].

Robinson [Ran15, Ran16].

robotic [BdFPSdSC08].

Robust [FH04, DLM16, PFHL09, BGO13, BO04, BW97, BZ17b, CPZ17, DPPR16, Eva94, GOP06, HOS11, KOS+12, LTC03, SZ09].

robustness [EH08, Fuj02, PRG016, WZ02].

rock [RMCG04].

rods [Copy03, LA12].

root [AC10, BASC17, CKL03, Car94, Waa88, Win01, Lu98a].

root-finding [Car94].

rooted [Kom07].

Rootfinding [Boy07].

roots [Alt85, Boy06, Bre06, CP94, Iga85].

Rosenau [CCK08].

Rosenbrock [AMC02, AH17, C009, HHR12, Nov08, PWS05, Ran16, Wen98].

Rosenbrock-type [CO09, HHR12, PWS05].

Ross [AHT17, WMC09].

rotary [RVD00].

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-scheme [SBG09].

ROWMAP [WSP97].

rows [KS91].

Rüdiger [GR02].

rule [CP03b, Ioa89, RS08a, Str98b, van86a].

rules [Agu15, BT97c, BDMGV06, CMP15, CEW00, CBHY11, Der92, ELR+15, FLMR14, GVSL96, KM17, KCI03, Lai09, Maj14, Pel15, RdAP96, SST12, The17, VV05].

run [LWD+09].

run-time [LWD+09].

Runge
[But97, Gar10, KM18, WBCK02, AHI11, AM95a, AB17, Alb96, AMP03, AMC08, AH17, ARS97, AKF92, BMQW16, BDGP96, BT97a, BDP99, BJ05, BZ93, BV96, Be97, Ben96, BC08a, BG02a, BCR01, BS92, Bos09, Bot97, BJ11, BO11, Bru93, BJ03, BB96, BB98, But96, BS96b, BW96b, BC97b, BT97d, BC00b, BS93, BS02, CMR94, CH95b, CIZ96, CDFN01, CG05, CCG13, CV95, Cas96, Cha96, CCM02, CG13, CCS17a, CS03, Coo89, CST97, CN11, CPR93, DLI2, De 88, DTV93, DS05, DR09a, DR09b, Dia95, DM11b, Duj09, Eir95, EH97, FS05, FS08, Fra04a, GCHR06, GMG04, GJ00, GPMR95, GPMPR03, GPHAM12, GML00, HZ96, Hig96, Hig97, HR06, HS09a, Hoa15, HO05, HXW15, Hor98, Hor05, HE96, IRC12, IJ17b, Jac93, JZV96, JZV97].

Runge
[JKN94, Jay95, Kan93, Kan95, KCL00, CO03, 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, PR17, Ran16, ST89, Sch02, Som86, Som93, Spi96, Tsi01, VDV98, VV02, Van00, VZ03, Ver96a, Ver06, Ver96b, WGKS12, WYL11, WSW96, WX06, YC13, Zen93, ZVL01, ZFX17, ZC99, in 92, in 96, VSC92, V93, V93, v96, van96, vsdvh95, vB95].

running [CRU15].

rural [CCM17].

Rutishauser [AC10].

RWPM [HK93].

Ryaben’kii [Tsy96].

Ryaben’kii [Afon00h, EST15].

S [MZ87, Tsy96, DE18].

Sabin [BFGP08, LMS09, MB10, S109, SST15, Spe12].

Saddle [DJ10, AL05, BM12a, Cao03, Cao07, Cao09, Cao10, Cui04, Elm02, OG08, Sim04].

saddle-point [Sim04].

saddles [SSL93].

Saint [FCX06].

Saint-Venant [FCX06].

sampled [RS09].

sampling [KK02, QL16].
sandwiches [NBP94]. SAOR [Yua93]. 
Satisfaction [PT09]. satisfying [BRS16, SG16, Str98b]. saturated [MCM12]. saving [LCJQ12]. scalable [DHS05].
scalar [AKG14, Bac14, BP85, CP97, Die15, KKR15, Ric91, Tan01, TDC13, TZA13].
satisfaction [PT09]. satisfying [BRS16, SG16, Str98b]. saturated [MCM12]. saving [LCJQ12]. scalable [DHS05].
Scalar [BHJJ06, WVBM88, AB10b, Bai02, BMR+17a, BHSW16, BT02, BJ11, Dat99a, DW15, Ewi91, FTB97, FBM17, Gen10, GT02, Hab08, KM11, LP05, Lei02, LS13, LCJQ12, MPG+16, Per99, PS03, Pul05, RMMK09, SM89, Toc01, van95].
Scales [RMM12, Boy91a, JEG10]. Scaling [BLP01, BMM03, BSZ99, PCR17, SW09b, Wei09, dRT99]. scattered [BE99, CPZ17, DR93, LN08, PS02, PS03, ZHL08].
Scattering [FvdMS17, BBLT15, CWM09, CM14, CAAT16, DH12a, GAW09, HD04, HM86, HMP14, IT07, KJL12, KNP16, LGH11, MP05, Map05, Ngu15, NT16, QC12, QL15, Rat13, Tah06, VT91, WN12, WL16, WQ17].
scheme [AA05, AKG14, ACMR06, ABR05, AR15, AP109, BF92a, Bar09, BK09, BrTBV87, BM206, BP97, BRBM08, BBKS07, BC97a, BC06, CGT13, CXF14, CFS13, CNT07, CRU15, CCL04, CMCTGR02, Dav98, DGM18, DHH09, Du90, DJL+15, FVGS13, FP02, FE93, GLLW14, GM18, GS94, Guo00, HKO12, HS86, Hol01, HLMKZ06, HKW17, HV89, Ito17, JK17, JN07, JT02, KS00, KD13, KW12, LDW16, LPR00b, LMA18, LS99b, LSGK15, LL18, LE94, LP01, MD10, Mic03, MD04, OR18, PKSB10, PGDB08, PD01, PH17, Pow94, RZ00, RT14, RK91, Ror96, Ros93, RO16, Sac93, SG16, SB09, SR97, zSW06, SG17, Tan03, TX18, TH18, Ton04, TDP17, Tow16, TY00, VV995, VCC12, Wan07a, WL18, WS04, WG11, YXZ18, ZW09, ZWH+17, ZJH18, Zha01, ZZZ17, ZGDL17, ZUa95a, ZR15, tV87]. schemes [AC98, Aca12, AD08, AEMX17, ADFR18, AGM95, Ano87a, AM04, ACM91, BDGM12, BBRBS09, BCE04, Ben17, BC05, BM12b, Bor16, BSvdV99, BO11, BL06, BL08, CLT97, CCG13, CGA93, CW98, CC04a, CCS17a, CY18, Chi12, Chi93, Con04, CM04, CCS17b, DD97, DT10, DKK94, DMR18, DS15, EN09, Est95, FCX06, FG98, Fid17, FL01b, GX11, GHK09, GPMR95, GGN17, Gln15, HO10, HOC86, HEG16, HW15, JL68, JL87, JT15, JL94, KGR08, KMR09, KCL00, KC03, KL07, KM18, Kra92, KR12, KKP17, KLSW06, LCVG01, LY10, MS03, MM14, MV18, NRR06, Pan07, QW04, Ram94, RG018, RV05a, RTU15, Rus95, ST14a, Sm94, Sch93, SUP+12, SM93, SS94b, SZE+92, Sid02, SDK15, SHG86, SLZ10, SGN06, Tah96, Tan01, TGB08, TZA13, Tol03, Tol04].
Scholes [AAM03, Bis11, iV09].
Scholes [TH09, Tou10, TJ12, Tur86, VV02, Ven15, Vul92, WB03, YDWW17, YH07, ZM17, ZLG15, Zla85b, iW07, iV09, iW09, iM13, vSW09].
Scholes [TH09, Tou10, TJ12, Tur86, VV02, Ven15, Vul92, WB03, YDWW17, YH07, ZM17, ZLG15, Zla85b, iW07, iV09, iW09, iM13, vSW09].
Scholes [AAM03, Bis11, iV09].
Schrödinger [ZCSH11a, AT15, ÁSM14, ÁSM17, BOEP00, BZ17a, BSV09, CGP15, CGG13, CJL13, Duj09, Ehr08, F03, GT15, GX11, GLLW14, GM16, HLMKZ06, HKW17, HJJ18, KLSW10, LZW17, MZZ17, MP11, MG97, Moe98, Sin91, WL18, ZCSH11b, ZR15].
Schrödinger-type [Ehr08]. Schur [Cao09, Cao10, CG98, GMS87, KMS10, RZ04]. Schur-complements [GM87]. Schwarz [AK95, CC18, DdSF07, DLM04, DSS15, Hen00, HH10b, KKP07, KFOF02, LHH96, MOS02, Mai06, Mai09, Mar05, MOSW00, MLB97, NMB10, QLl+08, Wan05, WCXL09, ZT06]. Science [KAS17].
Science [KAS17].
Scientific [BJS12, CFTW08, LST07, MH89, MM16].
Scott [BL08]. scrambled [Sc08b]. SDE [AH17].
SDEs [DR09a, KP18, RO16, ZM17].
SDFEM [FLR08, ST08, ZMC13].
SDFK [CPP02]. SE [QM10].
Search
seawater [AMRR18, MNR14]. secant [CSM07, Nov08]. Second [AKG14, Beg00, BMPR15, FJP17, yGqWsWC05, ITZ17, TDPU17, AH11, ABH14, AH15, Abou04, AB88, AT13, Bac17a, Bac17b, BHR05, BRBM08, BBKS07, BMMR97a, CGA96, CXZ17, CCJ99, DR09b, Deh05, Den93, DC09, EHM01, EH91, EH07b, FW08, Fer93, FG09, GOP06, GGR97, Guo00, yGpY09, Gwi09, HKO12, HP18, JN07, JCN94, Kan89, KX91, Kin94, KKP17, KLSW06, KW10, LIHR04, LW17, LX09, LNZ12, LE94, LL02, Luc05, Man97, MVVA09a, MYSC17, Mie89, Moo04, Mur98, Nap16, RZ00, RT14, RO16, SMJ12, Sac93, SV00, Ske89a, Soi17, SvdHN86, Ton04, VV02, VV09, WH13, WWX13, WM17, WAV12, Wu09, XL09a, ZWH+17, ZFX17, iW09]. second-degree [Kin94]. second-mode [EH91]. Second-order [AKG14, Beg00, BMPR15, AB88, AT13, Bac17a, Bac17b, BBKS07, CGA96, CXZ17, CCJ99, Deh05, Den93, EHM01, FW08, Fer93, FG09, GGR97, HKO12, JN07, JCN94, KLSW06, LIHR04, LW17, LE94, MVVA09a, MYSC17, RO16, Sac93, Ske89a, SvdHN86, VV09, WWX13, WM17, iW09]. Secondary [DRC85]. section [IJ14, Lin10, Meh08]. Sectorial [Auz03, BG09a, Chn17, PGA93]. securing [GL03]. sediment [BDES12, KDAK16]. sedimentation [Die15, MM14, RBT15]. Segel [MDRR11]. segmentation [BCM04, LK14, SMA01]. segregated [vdHJVW01]. Seismic [SR88b]. seismograms [Abr93]. Selected [FJ97, ND85, vdHJSW98, KW12]. selection [BBPR05, BT97b, CZY18, Fdi97a, HL97, San18, Sdt06, WPL16]. selector [YP18a, YP18b]. self [GLS09, Gul15, RK08, Rob10, SL08]. self-adjoint [RK08, Rob10]. self-diffusion [GLS09]. self-mapping [SL08]. self-adjoint [HM01]. semantic [TS08]. Semi [Bou02, Fat10, FMU15, GPHA06, KMR09, Mar99b, Min04, Beg00, BB15, BC08a, BN03, BL06, BH97, CHT13, CXXF14, CGJ16, Cao01, CL09, DII15, 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, CXXF14, RT14]. semi-discretization [CGT13]. Semi-Godunov [KMR09]. Semi-implicit [FMU15, GPHA06, Min04, Bou02, BN03, CL09, DII15, 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 [CGJ16]. semi-simple [LX15]. semi-stable [GPHA06]. semiaxis [DO17]. semiconductor [AW03, BK12, MT11, ST05, YY13]. semiconductors [JT02, JT06b, Sac93]. semiconvergence [SW03]. Semidefinite [Ren99, BSZ99, GS99b, ZS99, VB99, dRT99, ZNK02]. semidiscretisations [Sei02]. semidiscretizations [ALMM96, ALMM98]. semilinear [APJ10, Bog12, CL10, HKO12, LS98, Sch96b, SD09, Tin15, Vu95]. Semilocal [AHR12, ABM17]. seminormal [RSK14]. semiorthogonal [MB08]. semiperiodic [VVD95]. semismooth [PGP03]. semistrip [DT15]. Sense [BAP+06, ZAB15]. Sensitivity [BB10, HO16, LPZ00, SMEN04, Toc01, BBPR05, BAP+06, CHZZ06, FTB97, GF99, JHL13, LHO13, MP96, TLP18]. sensor [RSD+06]. sensorineural [BF09]. separable [AMRI2, BD17, GBDB97, SB14, SY07].
separated [Eng11]. Separation
[KL87, PM03, EW08, Gus87, OK98].
Separation-of-variables [PM03].
September [Wen10a, vdHSW98]. Sequence
[Bak86, Ber85, BZ94b, BZ96, Bre92b, Dra91,
Fdi97a, Gil91, GM94, Hua98, Lem02].
sequences [BL86, BKP15, Dés98, DJM09,
GGM07, Jéró4, JV94, Lav94, Mar99b,
Sch98b, SSX14, TJK18, Wen10a, Zun95].
sequential [BMGGG12, BT97c]. Series
[GGS16, RB12, AR93, BP02, Bor10, BW15,
Boy06, Bre92b, CFV10, CM06, CL88, DK11,
Gil91, HW93, JKN94, LG87, Lon86, Lon88,
Mat91, MDR05, Moo95c, Mur99a, Mur99b,
PCA10, Pré95, Sch98, Wen10a, Wen10b,
WB90, Woz10, YR90, ZJ10].
set [CP07, DMH18, FMD06, FMU15,
GT02, GKL07, HWM05, KM11, MCM06,
MPG^+16, Sch9, TL07, ZWL11].
set-oriented [MPG^+16]. set/moving
[PH15]. sets
[CP10, Eng11, HP97, SL08, Zup03]. setting
[AD04, GC15]. settling [BCS06].
Seventh [CFTW08]. Several
[KA94, CKM09, Dar90, Kid90a, Kid90b,
MDD14, Ros03, Str98a, Xu13]. SG1 [Zar99].
Shabat [FvdMS17]. Shading [CP06, GV04].
shadowing [HI05]. Shadows [SLS93].
shallow [AQS94, DBCM12, Beh97, CFXZ06,
CCM17, FCX06, HL03, IM00, Lie01,
QLL^08, STS00, SCT05, SW12, Tou10,
VCC12, ZGDL17, de 92b, vdHS01].
shallow-water [Beh97, QLL^08, SW12].
Shanks [BRZ17]. Shannon [CPGO17].
Shape [CP06, DF92, GM08, GMZ08,
PDM8, Rat13, TLP18, ZWL11, GM10,
KP01, Meh08, PM05, Rya00, WM08, GV04].
Shape-from-Shading [CP06].
shaped [BDG09, DH12a]. shaping [EH05, LT07].
shared [JP93]. shared-memory [JP93].
Sharpening [FP02]. Sharpness [FNT06].
shear [KC94, LBCN00]. shear-layer
[KC94]. sheet [CDV00]. shells [FSB97].
Shepard [DDNZ18, Zup04]. shielding
[RU07]. Shift [BLM17b, WPL16]. shifted
[BLY16, BB10, ER18, EVO06, HvdHV10,
PH17, SSX14, Tow16, WPS18, vdES04].
shifted-Laplace [EVO06, HvdHV10]. ship
[Mot17]. Shishkin
[FR01, Len00, LS99b, NS03]. Shock
[KXR^04, SL93, CSCM96, Gro94, KD13,
KCP01, KOW05, Qui96, Sod91, XKL07].
shock-capturing [KD13]. shock-induced
[KCP01]. shocks [Kop89]. Shooting
[ABRW18, ELL02, GM93, GGM95, HK93].
short [Mun00, WW99]. shortening [FG01].
Shortley [LHWF08]. shrinkage [Jia12].
Siibsonian [BS00a]. side [AE12, DL13].
sided [GH02, GL17, MT06, YDW17].
sides [EJS04]. sign [DCC14].
sign-changing [DCC14]. Signal
[ABJ12, SM13, Söd06]. signals [Pul05].
Signorini [FRS05, KPR06]. Silicon [CB99].
SIMD [Ney95, SD93]. SIMD-type [Ney95].
similarities [Gab02]. simple
[Bau97, DZS15b, DZS15a, Lam13, LS12,
LS93, LX15, Van92, Win01]. simplex
[DH09]. simplicial [MKH16, PC00].
simplification [DEPS15]. simplified
[FN95, LH02, Zha01]. simulate [DA18].
simulated [Dah02, GOGF03]. simulating
[FPRA09, Pul05, SWFK13]. Simulation
[CF86, CL02b, DRC85, MHS9, MD00, QW04,
Ta’86, Tse00, WM08, AQS94, Ari04, Ar95,
AS06, BGM^09, Boh03, BBL02, CCK03,
CCM17, DS07a, Den07, EWW99, FKA^13,
FMSV07, FJH^01, GG95, Gro94, HLR18,
KL07, KTS03, LCVG01, LA12, LT00, MH04,
Min87, NRWF08, OK98, QM03, RI02, RRR0,
RVD00, Scg91, SUP^+12, Son91, ST05, Sp90,
SH91, TER03, TYK01a, VV95, Wag85,
XLK07, ZbBT03, Zha96]. Simulations
[WWBM88, AF04, CS01, CKS05, De 02,
Kar89, KC94, KKE16, LS07b, MNR14,
NC16, Nür90, SYG^+05, SM98, Tia15,
TSFB01, WK00, Zan91, ZQLK11, dB03].
Simulator [Nak05]. Simultaneous [ASZ15,
KN08, CP94, DO17b, KY17, PSR04]. sinc
sinc-Gaussian [AT13]. sine [Bac17c, Boy07, Har00, SLW17]. sine-Gordon [Bac17c, SLW17]. Single [KKN+17, AM99, BC12, BN12, GGN12, LL98]. single-phase [LL98]. singly [BC97b, BC00b, FS08]. singly-diagonally-implicit [FS08]. singly-implicit [BC97b, BC00b]. singular [Aff94, AL95, ADR17, AFS00, AAD14, AM10b, Att97, BWY03, BLM17a, BPTT15, Bru07, BKW06, BRW17, CHLX07, CJ90, Chih12, CP17, DLPV17, ELR+15, FHM+02, Fat10, GS17, GLM09, GGS16, HM87, HM09, Jad94, KV07, KX91, Kat89, KKW00, KBG04, LD97, LO03, LMSW17, LNZ12, Ma14, MO17, Man96, Mok17, PPT02, PT11, PT16, PT15, Rab94, SWW17, SY05, pSLqJeY16, SVB17, Sid90, Sid14, SS16, SW03, Sto96, TMD92, Tan93, TS08, Vas17, Vul92, Vul95, Win01, Yos00, ZG92b, dAF17].

singularities [BH97, KM17, LH02, LHWF08].

Singularity [RLSS06, CKK10, Has09, HY01, KLSW10, PA18, YT03]. Singularly [Rei85, AL98, AM98, BM00, BM01, BO04, BBRSS07, Bog00, GOP06, Kau95, Kau97, KS04, Li00a, Li01a, LTO1, LW95, MwSO0, MPtM16, Mus11, OS08, OQ15, PZMX16, Pap95, RK08, RC18, RTU15, SK16, YZ17, Zar17, ZCZ15, ZL18, ZLG15, ZX14]. sintering [Zha96]. SISO [De 06].

Sivasnghsky [AS04, Mar93]. Six [MS03, Bri85]. Six-dimensional [Bri85]. sixth [AHR12, BM06a, CHSS01, CST97]. sixth-order [BM06a, CHSS01, CST97]. size [ALM04, AS02, DS07b, Den07, GPPR12, HOS99, HLR01, Hor05, KP18, 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]. slope [CZY18]. slots [CDJT06]. slow [KOW05, SKW17]. slowly [Wo10]. Small [PGM86, AKGR14, BB15, Pav00, Zar17]. smallest [KBG04]. Smith [ADM10]. smooth [BB15, CL14, Dur00, FVDMS17, GANT02, KR18, MD06, Mat86, Ram12]. smoothed [CDD00, GJV08, LL06, SKR+16]. smoother [BS97b]. Smoothers [Bre02a, BG02b, PRGO16, RGL16]. smoothing [DLPV17, GSR00, CR05, Haa97, KM95, MYSC17, Phill95, Zha97, vSW90]. Sobolev [AYLqW18, CMR12, Che12b, DMR10, Ren13]. soft [KJL12]. Software [Enr06, FN95, NT92, SG96, BDF89, HK93, MLK06, MP96]. soil [MCM12], solenoidal [MM07]. solid [GMM09, MP05]. solidification [CMP06]. solids [MR06]. solitary [AD01a, CGP15, DLM02, EZ03]. solute [DA18, DFC09, FLL11]. Solution [AO91, BB08, Bre06, Che96, Fre04, GM85, Jac87, KM95, KS91, MK14, Mik97, MS99b, Nja88, PGM86, Rum87, SH09, SM85, AM09, AHT17, AGJ12, AB09b, ADM10, Ara99, AS00, AAD14, BJH05, BF92a, BOE00, BFS17, Be04, BB15, BN06, BF92b, BLM17a, BG08, BKP14, BDFV95, Bor02, BHR05, BHP05, BJH13, BTDV10, BVB10, BVRB14, BSW18, BMM97b, BMM97a, BSP04, BCDP17, BP95, CHT79, CDP17, CG92, Cas96, CW98, CH01, CH04, CF08, dCCSR03, CNSS00, Con89, CST97, Coy12, CG14, DB97, DS17, DNH18, Der92, Dia95, DS97a, DL13, DB08, DBBH14, DMPS16, ECB07, FL93, FL05, FJ97, FL09, FL15, FH08, FV01, FV99, GLM09, GN86, Guo96, HGP11, HZBM95, Har09, HS86, Hig93b, H15, HvH10, HW97, HJ06, Hor99, HB10]. solution [HST14, ISk89, JL91, JRW06, Jac96, Jecz99, JCSR03, JNPC03, JMY10, Kel85, CG90, KNP16, KW95, KKW00, Kop86, Kre98, Lau17b, Lau17a, Le 12, Lev91a, LHWF08, ...
Solutions [FF06, FFMZ13, Nap16, Ale11, AMV17, AAM03, Arc06, BSGU94, Bac17a, BP06a, BM05, BM01, BS09, Bok03, BDKM92, Boz11, BPTT15, Cali92, CHPV09, CZY08, CLP15, Chi93, Cho13, CPR93, DD589, EK96, ESEKZ10, Emr06, FW08, FHM+02, FJS99, Fu01, FL01b, GANT02, GJR03, HJ05, HdrR17, Hor02, Hu09, HT00, IV16, JR00, JR02, KK91, KIL12, KO92, KS04, KK86, KP15, Lan95, LLHC17, LSL11, LS07a, LRE04, Lyn92, Ma03, MDRR11, ML16, Mat86, Olgv92, Pat98, PM14, RY13, Ril92, RTO01, SC11, SvdHHN86, STSO0, Tem15, USHT03, VO00b, Wan01, Wan07b, Wan09, Wu03, WMC09, XF06, YK04a, Yos00, ZPT92, ZLG15, dV02]. 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, BMJ01, Cai09, GBDB09, HY02, IT07, KDK17, LCJQ12, LY091, Pan92, PM03, RG05, RZ15, Sch16a, SH02, TS06, VG04, Wal00b]. solvers [CH15, Eij09, Fac03, FPS15, HKZ08, KPR06, KCB02, LWD+09, MP05, MR92, Nak05, Pea16, STSO4, SA00, Sim98, WP99, YG95]. Solving [AS13, AD18, BNH01, Ben02, BW96a, BCT16, CSS87, DS07b, DS03, EW08, HY01, IM98, Koz94, LW92b, LW18b, ST01, Sha05, SY07, YL13, Yu09, Yu08, AA05, AK09, AT93, AC08, AMV03, APJ09, BLW07, BLS+17, BES18, BMGG12, BGGG13, BM04b, Bog12, Bog16, BRBB18, BS93, BM09, BCSH16, BC99b, Bur93b, Ca09b, CL07, CHH15, CXZ17, CMCGTR02, Cul95, DT15, DA16, DS15, EAS12, EHM01, ER18, EG88, ELLE02, EMMK01, EVO04, EH09, Fd96, Fer96, FG09, FV87, FFQ09, GKA17, HV91, HR96, IVA93, JL17, Kan89, KOR18, KSMM16, KS07, KSSS16, KFOF02, KPR12b, KS09b, KAS17, Lee94, LYF17, LT01, LYK17, LP97, LL02, MCS16, Mar08, MP98, Me08, MOU14, MN08, PM05, PR90, PV93, Ph91, PPC00, PT95, Pou00, PB10, PG02, QM10]. solving [RZ00, ROB17, Rha99, RS08b, RT95, Sal99, Sch90, SEGV02, SD11, SD13b, SWW17, SVB17, SS16, SS13a, TOD11, Tsa91, Tsa92, Tsy96, WZL13, WX16, CX59, YR95, YBB95, YTZZ18, ZNK02, ZZW97, ZJS04, Zla85a, Ise02]. Some [BN99, BSFDM02, BV96, BG14, BC89c, Car09b, CH90, Cve02, Fd97b, Goo90, Gu01, HOEC86, JN02, LLY11, Mac86, MM14, NY13, Nov08, SLZ10, The17, TM05, VsdHH92, WSS97, AB09b, AGKK94, AFLAG+12, Ban97, BR01, Bre85, BDRZ04, BT93b, Cai15, CH87, DS07c, EHM01, GH91, GM95, HJS07, HS98, Hor93, JP08a, JA15, JM15, JT09, JV99, Kau93, KPR06, KAS17, Kza92, MRF00, Mar03, PSP05, Psw02, PT95, Rha99, Sld14, WB90, Won08, Woz10, BW96b]. Sommerfeld [IV16]. SOR [DO95, DO98, PPS10]. Sound [Bir87, KJL12, LT05, NU15]. sound-soft [KJL12]. source [ASZ15, BM12b, BFH90, Ch09, HP14, HM15, HM17, HILK13, KHM+14, KRBK16, LWD+09, LDP+14, RC18, SS17, WZW13, WW14]. sources [FOMC05, KV07, RRT01, SK10, YK04b]. Space [BC01, DGRS09, SLW17, SvdVvD06].
space-dependent [WZW13].

space-dimensional [ELCWS98].

space-dimensions [BD11].

space-filling [LS10].

space-fractional [MT06].

space-like [Man97]. Space-time [SLW17, BZ17a, FMS18, FD16, LCLW17, ASZ15].

space/time [vBvdZdB08].

spacecraft [CRTU15].

spaced [CHS17].

spaces [Abr93, AMCM09, AM16a, Che12b, CP03b, DE16, GP00, GGG16, JL94, Li16, PGA93].

spacetime [ALP96].

spacewise-dependent [HM15]. Sparse [BG02b, CS09, Che12b, JMPY10, Zha00, AB07, Ara99, BT99, DNW18, HV91, Jia00, LP05, LKV01, LGH11, Mag91, Mar08, PV93, SW95a, ST09b, Vas17, WZ02, YR92].

sparses [ST09b]. sparse-sparse [LK01]. sparsity [Huc99].

spatially [EV96, LSGK15, WKL04]. spatio [Won08]. spatio-temporally [Won08]. SPDE [ST09b]. SPDEs [ZWK15].

Special [ADG16, BGRH12, BG15, CHM09, DCGW17, FMZ13, HKNV16, KP07, SS97, CJLS98, GR02, LPZ00, LST07, LW17, RT95, SG05, Tsy96, WB90, YC13]. species [CCK03].

specifications [Deh05]. speckled [TSB10].

spectra [DSW96, LCVC01]. Spectral [AMC02, AQ00, BN12, Bla00, Bou16, BTD10, DY17, DA17, FD16, Fun94, GD09, Gia12, GyZ07, He00, HKP89, JZK06, Kar89, Luo18, SJ11, SM89, Tru00, YLS09, AAD08, AyLqW18, An16, BK06, BM89, BMS89, BSQ06, BB08, BP95, CG92, CG89, CSXL14, CNT07, CSCM96, DM09b, DB08, ER18, EK95, FID18a, FID18b, FWL18, FPPS00, GANT02, GT00, GGM07, GM17, GH07, HGP11, HS17, Ito17, KHA12, KWL17, Kop86, Kop89, Kwa09, Lay09, LT01, LR00, LBCN00, MZZ21, MS86, MD00, MICS16, MM02b, MM07, Min04, MH16b, Mun00, MKS12, Pas91, PM91, Pav00, PD01, PK91, PP00, RX08, SD11, SW07, tSqWY16, SA00, SVB17, gTp07, T00, Tse00, V000a, VS19, jWqW09, jW15, WC14, WK00, YB10, Yu08, hYqW12, ZL11b, dFN00].

spectral-element [CSXL14].

spectral-Galerkin [DB08, Kwa09].

spectral/ [KWL17]. spectral/hp [SA00]. Spectral/Rosenbrock [AMC02].

spectrum [GC91, KQ13a, KQ13b, LMS08, TCCW11, XCC5]. speed [FSB02, MS91, SM13, TSF01]. SPH [FPR90].

Sphere [CNT07, TOCV02, TLSS09, WZL13, ZL11a]. Spherical [Har00, Bar12, GH07, LMS09, Pet00, RA17, STS00].

spheroidal [BDSG09, FRRJT10]. spheroidal-shaped [BDSG09].

spin [AB17, Bec02].

spin-Heisenberg [Bec02].

Spline [PTV16, ABJ12, ADS17, BS14a, BES18, BG06, Beh93, BH12a, DLPV17, DMPSC16, DT89, EHM01, GS99a, IO18, Jam95, Joh05, KO08, LMS09, LF00, LZW17, MB10, MIO17, MST09, RLS6, RK08, SSS07, SE93, SST09, SST16, VR01, W99, YC00].

spline-based [DT89, Jam95]. Splines [St096, Bar12, BiC16, BCC16, DS17, DF92, FPGR12, GV18, GS09, KO01, KO03a, KP12a, PR09, Rab94, Raml2, SA90, SYG05, Spe12, Ver93, WT17, WW09, RMS17].

Split [CHZ14, RKVZ15, WL09a, BG11b, CS01, Hor98, IH13, KM16, MP11, YXT17].

split-Hamiltonian [CS01]. split-operator
Split-step [CHZ14, RKVZ15, WL09a, MP11, YXT17].
Splitting [GPHA16, LLO2, MV18, SK06, AMT13, ABF09, BC05, BCF+13, BC04b, BFH09, Bou02, CSXL14, ELCSW98, FLS94, GK09, GV02, Gh94, GRRN17, HLL09, HV95, Hum02, JK17, KS00, Kie15, Kni94, Kni95, KNT13, KW10, LHH96, Lub04, MH16a, MZZ17, MG97, NMSF94, NBNTGV11, NB01, NFAE03, Pot97, QR03, Sam94, Sch12, Sch98, Sid10, SW13, Sou09, Spi93, Spi97, Tan01, TZA13, Van00, Vul95, WZL08, WC11, ZZL01, ZFX17, ZP97, ZP08, dPT96, in 92, in 96, iW09].
Stabilization [ABFV09, De88, AMR14, Arn98, CK13, KL09, RG05, Tia15, Tob14, XF06].
Stabilized [AMT13, AKL08, BL08, LW95, PAP17, SA12a, AS13, ABR05, BC01, BH12b, Cod08, GM10, HL08, HFL12, Kam16, Pic05, QMCL15, Sch93, SGS00].
Steady [ABA09, AMCM09, ABF09, BG11a, BC89a, BP12a, BGT97, Ben17, Ber15, BM12b, BN03, BS08, BS12, Bur85, But09, CCG13, Cha96, CIZ12, Dav98, DDZK05, DR09a, DA17, DSW96, FP02, FS08, FG09, FH97, GD09, Gje07, Gu01, GGG16, GLMY17, HM00, HS95, Hin95, Hor93, HA16, Hua09, HV89, Hum02, Ise97, JJ94, KMG09, KS89, KW93, LZL14, LZ93]. stability [LS05, 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, ZP08, dPT96, in 92, in 96, iW09].
Stabilization methods [GPHA16].
Stability methods [GPHA16].
Steady methods [GPHA16].
DNW18, DN08, EH06, HL08, HFL12, LY10, Maj17a, QAMX17, SH10, TMM15, YÇ16.

**Statistical** [GPÍP03, Ber85]. **Steady** [CM02, RV05a, BHJ13, Ch93, CY05, DS97a, GM10, HS86, HT00, ITZ17, Jes85, KK86, LRE04, SAG86]. **steady-state** [ITZ17]. **steel** [IPL02, PLI03]. **Stefan** [LL98, Ros93]. **Stein** [BJ11]. **Steiner** [PSP04b]. **Steklov** [AP08, BLY16, YLL09]. **stellar** [Vas17]. **stencil** [Tow16]. **stenoses** [LT00]. **stenotic** [TYK01a, TYK01b]. **Step** [De 88, Jac87, AM99, AFS02, AP10, BJ05, Ben17, Bho12, Bok03, Bu06, Bjo1, BJ03, BJ06, BT97d, BC00a, CLMS98, CMR11, CHZ14, CEP17, CP05a, CHK99, CJLS98, Con01, CX08, CDP12, DJJ12, DP12, EK97, GH91, GLP09, GPPR12, Haf97, HOS99, HS09a, Hqi15, HLR01, Hor05, HP15, IHS13, KP18, Kie95, Len10a, LW17, MP11, PWS02, PWS05, PWS06, PJB04, PAJ12, QAMX17, RKV15, SMEN04, SM03, SW09, Sha85b, Söd06, SS09, TY11, Ver06, Wai98, WL09a, WSP04, XZZL15, YTX17, ZX09, ZP12, Zuo95, van93, vdSvdH95, AD04]. **step-by-step** [van93]. **step-parallel** [vdSvdH95]. **step-size** [AFS02, HLR01, KP18, PAJ12]. **Stephan** [CHM09]. **stepping** [Aca12, BBRBS09, BSvdV99, HLT07, HJ03, KR15, LHC09, LYK17, LFS15, SUP+12, uVIS13]. **steps** [LT07, Yu09]. **Stepsize** [FS05, BGO2a, BC98, BC00a, Con01, GC15, JZV95, LMG02, MP94, SH97, Spi13, WK12, Zha85b]. **stepsize-coefficients** [Spi13]. **stepsizes** [CGA96]. **Stewart** [SMC08]. **Stietjes** [DMGV05, Gil10, Not92]. **Stiff** [Kie15, AH15, Ale03, Aro96, BJ02, BF92b, Bos09, BMD03, BC98b, BC95, BS00b, BR05, BP06b, CL85, Cas96, FG09, GPPR03, GPHAM12, HCX03, HS09b, Jac02, Jac96, MP94, PWS02, RKV15, Sa189, SV89, Sch93, SM93, SWE05, Sim98, TB01, VS95, WL09a, WAV12, WSP97, ZX09, in 95]. **stiffly** [HHR12]. **stiffness** [Sha85a].

**stimulate** [Var92]. **Stirling** [SG04]. **Stochastic** [AHO16, AH17, Bis11, FV85, MA04, AA04, AA05, AB17, Abu04, Bae18, BF17, Bok03, Bu06, BS12, BB96, BB08, CH14, CCZ18, CF13b, CN11, DR09b, DK11, Fun11, Har10, HW15, KGR08, KK11, KS08, Kom07, KKL, KKR15, La94, LS11, LLL18, MDD14, MOH04, MO98, Pot97, PM14, RKV15, TN16, TB01, TZA13, WL09a, WG10, WC11, WCW14, WGW15, YTX17, ZAB15]. **Stochastically** [Bok03]. **Stoke** [MH16b]. **Stokes** [KMM16, Kni95, DZ12a, AH09, AR18, BC12, BM13, BB15, BG11b, BC01, BS97b, BP90, BP95, CKPS15, Cau08, CMP03, Che96, CH07, CSXL14, CHH15, CZX17, CCK10, CD13, DY17, DJ10, DS97a, DNO8, Do05, DJL14, EJS11, FD16, FRRJT10, FM04, GMZ08, GM10, GG16, Guo00, GH07, Guo15, HLZ14, HHC08, HL08, HS17, HW15, HK85, HFL12, ITZ17, Joh01, Ka96, KS00, KCL00, KS02, Kni94, KDK17, KN93, Kwe00, Kwe09, Kwe09, LLM08, LA11, LS12, LR00, LO96, Med96, MWYZ18, Nor97, OK98, Pas91, Pea16, PK91, Pie05, Poo00, PR03, QMLC15, QAMX17, RV04, RV05a, RK91, SS16, SGS00, SH10, She96, SA00, Shy86, ST86, TLP18, TH18, TLV92, Ton04, UNG08, VG04, VO00a, WY02, WT17, Wu09, YS09, YÇ16, Zha14, Zho15]. **Stokes-like** [WT17]. **Stokes’/Darcy** [DZ12a]. **Stokes/Forchheimer** [CD13]. **Stopping** [FLMR14, LPT16, Spi95]. **storage** [KCL00, KS08]. **Störmer** [CGA96, vdHMds99]. **strictly** [TT93]. **strain** [CHX13, HHR12]. **Strang** [KW10, Zan01, ZR15]. **Strang-type** [Zan01]. **Strategies** [Bie87, BMO4c, BO11, GC15, WSC09]. **strategy** [AS07, BT97b, BD11, Bür13, C290, DF11, DEPS15, DB97, FS15, GGLR09, HR97, HMW05, MCE09, MP94, PK91, Sh09, SK91, V006b]. **Stratified** [TC03, LTC03, TOCV02]. **stratigraphy**
[BVT14]. Stratonovich [ZAB15].
Stratonicline [Din93]. stream [BP95].
streamfunction [KN93].
streamfunction-vorticity [KN93].
streamline [Bec18, Gas92, KN93, Par04].
streamline-diffusion [Bec18].
strengthened [AK95]. stress [GP00, GS18, KS02, MAG13, NS16].

[156x634]. stream [Bec18, Gas92, KN93, Par04].
streamline-diffusion [Bec18].
strengthened [AK95]. stress [GP00, GS18, KS02, MAG13, NS16].

stretch [KKE16]. stretching [VT91].

string [Ahn07, LR03, RL06]. strip [DDZK05, jW15, ZR15]. strips [DP85].

stroboscopic [CCMSS11]. stroke [van98].

Strong [BZ92, FS08, Hua09, NBNTGV11, PM14, Ry13, Sus10, YXT17, BB96, Chn17, CN11, DMGVP09, Gje07, KMG09, KS07, Nja88, WMC09, ZM17].

Strong-stability-preserving [NBNTGV11]. strongly [BBBC05, BBRS97, BCS06, GPHAM12, JNPC03, KCB02, Wan11].

Structural [BBS11, BS12, FL05, Le01a, LS05, NBP94].

structurally [BASC17]. Structure [KGR08, Shy91a, Shy91b, ABK12, AB14, ABM17, AC96, BSP04, GS18, Gus87, Jun97, Kok08, MR01, PA05, RP01, RDH+12, SW06, vBvdZdB08]. structure-interaction [vBvdZdB08]. structure-preserving [AB14]. Structured [Buc99, Ram94, AM95a, ALM04, Aya09, BLD17, BL15, BMRR17b, DP12, DMP09, 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]. study [HKSS86, PCA10, RV04, RV05a, SR88b, Aff94, BH12a, BT99, BdFPSdSC08, BvdS10, Buc04, CL02a, CGN03, CAAL96, Den15, Fai00, GKL07, HD04, LDP+14, MP15, MPG+16, NMSF94, PSP05, PPS05, RMC04, SWFK13, SWW17, SC03, vR04].

Sturm [AGM09, Con99, Ghe97, Prut00, VVD95].

Sub [RMM12, Roz05]. sub-domains [Roz05]. Sub-Scales [RMM12]. subcell [CSCM96]. subcritical [Gla93].

subdiffusion [ZL17]. subdiffusive [ABD16]. subdivision [Boy06, CC04a, Con04, CM04, CCS17b, LY10].

subdivisions [Wal00a, Wal00b].

subdomain [FV99]. subdomains [de 95a]. subject [Ang06, Deh05, MVVA09a, MVVA09b].

submatrices [DL01]. submatrix [YD07].

subspaces [Cod08]. subsequences [Lin10].

subsidence [SR88a]. subsonic [Kor95].

subspace [AB10b, Baö2, BBL15, EAV16, Gyl15, Jia00, PKSB10, Pet92, PR12, RY12, Sim10, SSX14, SS12, Wal95, WZ16, Wei95, ZGL98].

subspaces [GSR00]. substructuring [GN86, MDT05, O’L87]. subtraction [PA18]. successive [Che16, DW00, KP03b].

Successively [SM85]. sudden [HH10b].

Sufficient [Lin01, CH90, LLI12, Men14].

Suitable [Has09, PGS10]. Sum [Boy91b, HJP10]. Sum-accelerated [Boy91b]. Summation [Wen10b, ZJ10, BW15, CL88, HNP17, LG87, Lon86, Lon88, RGÖ18, Str98b, Wož10].

summation-by-parts [RGÖ18]. sums [VC10]. sup [Che16]. Supercloseness [ZL18, FRP12]. supercomputers [Fuj99].

superconducting [GT15].

Superconsistent [Fum04, 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].

SUPG-FEM [Usm97]. support [SSW04, CM02]. supported [Ehr08].
Supraconvergence
[Fer96, FPRA12, Fer93, FG98].

Supraconvergent [Bar09].
surface [Ari03, CWM09, CAAT16, DEPS15, Dav98, DL13, DMQ02, FPRA09, Fat10, Gar05, Hin97, JP17, LY10, LR87, LYOI99, LWCT07, LG02, RZ15, Sch16a, XLK07, YC00, HP91].
surfaces [BFGP08, CS04, CGGM17, FGPR12, FR14, GT15, HGR01, LY01, NT16, PR09, Ren14, TMM15].
surgery [MDHK06].

Surprising [Asc12].

Survey [Sid10, AA+93, Bre96, But85, BC89c, FSU89, HJ05, Kau97, Mun00, Tho85].
suspensions [BBCS05, BCS06].
SVD [BS09, Lyo12, MMBB07].
SVD-based [Lyo12].
switching [BAD13, RY13, VU92].

Sylvester [BLW07, DHI98, FG13, GH10, HGR01, LR87, LYOI99, LWCT07, LG02, RZ15, Sch16a, XLK07, YC00, HP91].

Symbolic [CBHY11, CCS02].
symbols [CL904].
Symmetric [ADSS17, LRS09, SvdHN86, SZ99, WGKS12, AW14, AC08, AES13, BM12a, BC99, Bec02, Beg00, CM13, Cao01, Cao07, CD17, CZ04, DMVPO09, DJ15, JP17, JP93, Kr99, KCB02, KW10, LMT17, LDIW16, LX08, Liu02, Lu98b, Luc05, Mar08, Mat05, PYV93, RAP96, San03, Sel14, Sim04, WZ16, YD07, Zan91, ZFX17].
symmetrization [CG13, GC15].

Symplectic
[HOS99, SK99, ZCSH11a, ZCSH11b, ABD16, BF99, BC14, CH95b, CL01a, CM00, DM11b, Eir95, Hai97, HL99, HLMKZ06, LX08, MUR99a, Rei99, SS04a, SZ97, WE99].

Symposium [CFTW08].

Synthetic [Abr93].
System [TMS87, Af94, AA97, BS14a, BS00a, BO04, BS09, CKK10, CH04, DN08, Eij95, EK97, Fac03, FCX06, FDMS17, GLS09, GBDB97, HP85, HS17, HX11, Ise94, IT16, KN08, KLY05, KK09a, KCB02, Kwe03, Lec10, LMA18, Liu09, LMWW07, MMKN17, MLK06, MO17, MT11, Mic03, MdD04, Oji88, PS09, RC18, zSW06, Tz00, TK15, VMS07, Wan01, Wan09, Wu03, YT03, ZdBT03, MZ87].

Systems
[GM85, ND85, Pet87, AC98, Aca12, AW14, Ale03, ADFR18, AH17, AB07, ADM10, Ara99, Ara95, Ar98, AES13, AGKK94, AEF14, BM12a, Bai02, BY09, BT97a, BL05, BK06, BMM03, BBRBS09, BGGG13, BM06a, BR94, Bg01, BTDV10, BH03, BS93, BRBM08, BBK07, BGL18, BCSH16, BS12, BDM03, BE195, BDP06, BB08, BCDP17, CFCH09, CH95a, CL01a, Cao98b, Cao01, CG92, CM97, CHPV09, CZY08, CBD16, CFC03, Con89, DT15, DB97, Dav92, De 06, DB95, DY95b, DL13, DK94, EJS04, FTB97, FH08, FM95, Fra06, Fuh01, GFT99, GP93, GQ89, Gas92, GKS09, GM07, Go00, GPF06, GPHAM12, Gu06, HL99, HDSR17, HVY91, HPL17, Hua00, Jac93, Jac02, Jac96, Jay95, JCN94, KL98, Kau95, KG09, Kim14, KW95, Kop86].

systems [KFOF02, KPR12b, KKP17, KW10, KK17, LW93, LT12, LZ13, LW92b, LP00, LL02, Lu05, MFP09, MP96, Man97, Mar08, MF99, MP98, Mbr92, MFG04, MM16, MP16, MP94, M095b, MD09, M99, NM99b, NMKE13, NT92, NRZ12, OG08, OK01, Ot93, Pan07, Pea16, PA05, PSW02, PT95, P70, R10, Ram96, RKVZ15, Ru87, SMJ12, Sa19, SH09, SMN04, SS99, Sch95a, Sch02, Sch87, SEG02, Sid90, Sim93, Sim98, Sim10, SI13a, So17, SW03, SX14, Tar92, TDC13, Tbr93, Tsa91, Tsa92, TMM15, VG04, mWY00, WL90b, WL09a, WW13, WSP04, WP99, WSW96, WY98, WB92a, WB92b, Win92, Won08, WSW07, YG95, YR92, ZL01, ZN02, Zha01, dH95, dG91, in 96, vdES04, vF95, M199a].

Szego
[BGVH10, DGV00].
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 [BY00, BP12b, CM14, FG96, INR01, MZ87,
Söd06, SvdHK94, ST86, WK02, Zuu95,
ALMM98, Aca12, AMCM08, AB09a, AB09b,
AL17, ASZ15, AF89, ARS97, AEF+14,
AMS17, BJH05, BP14, BKM13, BCS17,
BBRBs09, Ben17, BFD98, BZ17a, BC01,
BTBV87, BP97, BVV09, BsvdV99, Bot97,
BK12, BR97, BJ01, BJ03, BJ06, BCDP17,
CGP15, CS94, CP05b, CDW13, dCCSR03,
DD97, Dav98, DDZK05, Dia95, DHL00,
DGRS09, DY03, EH88, EL94, FMS18, FD16,
FM95, FJ09, Fra04b, FL01b, GHK16, GX93,
GLPW09, Gje07, GPPR12, GPHA16, GL17,
Hab08, Hai07, Har08, HILK13, HLT07,
HLR01, HR96, JH03, HST14, HLIS16, ITZ17,
Jac93, Jez99, JL17, JCSR03, KBS11, KNT13,
KZ13, Kre07, KK17, KR15, LHC09, LKV01,
Lay09, Lei02, Leo10a, LWD+09, LT07, LR18],
Time-averaging [BP12b], time-delay
time-differencing [AEF+14],
time-discretization [NBNTGV11],
time-discretizations [BVV09],
time-domain [DHL00], time-fractional
[LR18, SS17, WZW13, WW14, ZL17],
time-harmonic
[FF90, Har98, RV09, WSY18],
time-implicit [FL01b], Time-integration
[WK02], time-irregular [PM14],
time-marching [DD97], time-periodic
[MN08], time-point [Jac93],
time-reversible [HLR01], time-scale
[Lei02], Time-step [Söd06, Zuu95],
time-step-size [GPPR12], time-stepping
[Aca12, HLT07, KR15, SUP+12],
time-symmetry [Zan01], time-varying
[MVG14], Timestepping [HW15],
Timoshenko [CF13c], tissue [BK09, JK17],
Tocher [Bar12], Toeplitz
[Sae14, WWLS08], Toeplitz-type
[WWLS08], tomography
[AES13, GOGF03, RSD+06, San03, SS16],
toolbox [EMMK01], tools [Ber85, MLK06],
topics [Wen10a], Topographical
[HdsR117], topography [Ant13, DH12b],
Topological [AH09, Tan87], topology
[ZWL11], tori [DB95, ERS00, HL99, Tru00],
Toronto [CFTW08, HEJ96], Total
[DH12b, Ano87a, FS05, GM87, JL86, JL87,
LV12, LPR00a],
total-variation-boundedness [FS05],
Totally [GP17, GP93], TR [HS96],
TR-BDF2 [HS96], Tracing [Att97],
Tracking [CFXZ06, Dav92, Gro94, MSS+15,
PH15, RLSS06, SW86, WB92b], trade
[For11], Traffic [MZ87, SG16], transaction
[AD99, FV01], transcendental [Boy07],
transcendents [AY15], transcription
[BCT16, ECB07], transfer [CGJ16, Jez99,
Kan04, MCM12, Osw97, Vas17, jW15],
transform [DO17b, LFP04, MPSS16, MO01,
Tah96, TZ00, vL87, ST14b], transformation
[BW15, BHH010, BW03, DLPV17, LT01,
SS10, Win04], Transformations
[Bak86, Ben98, Ber85, BZ94b, BZ96, Bre02b, BRZ17, Dra91, Fdi97a, Lem02, Mat91, Sim94b, WM07, XGM08]. Transforming [ZPT92]. transforms [BH96, DO17a, FV87, Moo95c, VA05]. transient [DZ12a, Fai00, GRGJ02, HHC08, HH10b, SWW11, WSC09]. transistor [Mol95]. transition [BL91, Her91, RR00, RZ15]. transitions [MR06, Sch16a]. Transonic [CF86, Gar92]. Transparent [HL03, Ehr08, Lie01, SDK15, Sof17, ZR15]. transport [ABJ12, AR15, BDES12, BM04a, CNT07, CG16, DA18, DFC09, FdSB02, FLL11, KCC04, KDAK16, LC02, PeV99, PS00, SK97, SvDHK94, SK96, SW05, TDC13, Tou10, VBH96, YH07, vSK97]. transport-chemistry [VBH96]. transputer [DVV93]. transverse [HMdV03]. trapezoidal [BT97c, CP03b]. trapezoidal [BT97c, CP03b, RS08a]. traveling [EV96]. Treatment [AL87, Fat12, AM10a, BDMG12, BR94, EH06, Fat10, Now96, PT09, PGC01, SB03, SKBAS08, Tou10, WZ02, de 93a, vdHSW98]. treatments [CGA93]. tree [Kom07, Pow94]. tree-based [Pow94]. Trefftz [HM14]. Trends [DGCW17, Bak89]. Tresca [Por17]. tri [SXP09]. tri-dimensional [SXP09]. Triangle [BDFK95, CGG02, CD05, Ren14]. triangular [PSP04b]. Triangular [KCB02, BP97, Bra00, Cao07, Cao10, CL06, CST18, DDNZ18, GGLR09, JTB15, JP08b, KF0F02, Kru09, LE94, MRFO0, PRG016, RGL16, Sim04, SN04, Tsa91, Tsa92]. triangularly [vdHS01]. triangulation [LS93]. triangulations [Bar12, BFGP08, Dal13, DR93]. tridiagonal [GS08, Jac93, LVP14, Mat05, Nak12, dG91]. trigonometric [Han06, Pat98]. Trigonometrically [YW08, FW08]. Trigonometrically-fitted [YW08]. triple [CMR94]. triplets [GS17, KBG04]. trivial [CM02]. Trondheim [KNO96]. Truncated [Sch89, Sof17, CM06, GLMY17, PS02, TD09]. truncation [Bor10]. trusses [AMH03]. Trust [MMP09, AMV03, BMM03, CSM07, Ov11, Ren14, SP09, ZH15]. Trust-region [MMP09, BMM03]. trust-region-approach [AMV03]. tsunami [KHM+] [tsunami]. Focus [FKA] [tsunamis]. Tsynkov [Tsy96]. Tubelike [MMP02b]. tubes [DH11, LDW16, LT00, TYK01a, TYK01b]. tumor [MPSS16]. tumour [LBLT13, RA17]. tuning [RTV02]. tupleware [Dow11]. Turán [MS10]. Turán-type [MS10]. turbine [ARSW05]. turbocharged [SM08]. Turbulence [BC93, LCVOG01, DSW05, VY95]. turbulent [Kar89]. Turek [GKMS09]. turning [Bec18]. Two [AL95, BES18, BCC16, CL10, CPOGO17, CDP12, DP12, DCC14, EVA94, GS15b, GVP93, HFL12, Lam13, Lan95, Leo10a, LA11, LS93, QAMX17, SM85, TDO11, TS08, WZW13, AS11, AAM03, AMR12, ASCM02, Bac18, BHJ06, Bar09, BJ05, BMR17a, BO04, BBR09, BRVC09, BC05, BBLT15, BWY17, BO11, Boz11, BT97d, CMV11, CCP27, Cas96, CW98, CMP03, CDW13, Chi93, CAAT16, CL09, CF08, dCSCS03, Con01, CX08, Cop03, CF14, CMCGTR02, CN15, DsDF07, DIJ12, DR09a, DS07a, DE06, Deh01, DA18, DmgVO05, DmgVO09, Din93, DN08, DMPSC16, ERO7, EFLFP09, FMS18, FdSB02, GX11, GM16, GHK16, GMM09, GLPW09, GIL10, GOGF03, GOP06, GH02, HK93, HSM90a, Hua15, HK95, HLO2b, HLCW16, Hua17, Jad94, JTB15, JH01, JT06a, JLGK11, KV07]. Two [KM17, Kat89, KSSMM16, KL09, KS01, KZ13, LCHR03, LT12, LY08, LS07b, Luav17, Man97, Mar05, Med96, MT06, MT05, Moo95c, NY13, OGV92b, OGV92a, PR90, PWS02, PWS05, PWS06, QM10, QR03.
RP17, RZ15, Sch16a, SWJ09, SLW17, SZE+92, SY08, SS09, Su94, TKN11, Tob14, TJ12, TV91, TM05, Ver06, Wan07a, Wan11, WZL13, WQ17, WSP04, XCG09a, Xin08, Yua93, ZTZ15, Zar17, ZOZ09, ZZW97, ZX09, ZCSH11a, ZCSH11b, dHV13, van98.

two- [ASCM02]. two-and [SZE+92].
two-block [Yua93].
two-dimensional [CPOGO17, DCC14, Lan95, AS11, AMR12, BBRBS09, BBLT15, CDW13, CAAT16, dCCSR03, CMCGTR02, DE06, Deb01, DA18, Din93, DN08, FdSB02, GX11, GM16, GMM09, HK85, JTB15, JT06a, JGK11, KV07, LCHTR03, LS07b, LS93, Med96, Moo95c, NY13, PR90, QM10, SLW17, Su94, TJ12, TV91, WLZ13, WQ17, XCS85, ZCSH11a, ZCSH11b, dHV13].
two-fluid [CL09].
two-grid [CL10, ZTZ15].
two-level [HFL12, LA11, DdSF07, HL02b, Hua17, Joh01, KL09, Tob14, ZOZ09].
two-parameter [GOP06].
two-phase [Boz11, ER07, GKh16, GOGF03, KSSMM06, LY08, RZ15, Sch16a, SY08, TKN11].
two-point [SM85, BCC16, GVP93, Bac18, Cas96, CW98, DGMV005, DMGVP009, GII0, HK93, HM09, Kats98, KS01, OGV92b, OGV92a, Wan07a, Wan11].
two-points [CN15].
two-scale [BM+17a].
two-sided [GH02, MT06].
two-stage [Ch93, Lua17].
two-step [CDP12, DP12, Lec01a, QAMX17, Bp95, BT97d, CMVR11, CCP17, Con01, CX08, DIJ12, GLP09, HS09a, Hua15, PWS02, PWS05, PWS06, SW09, SS09, Ver06, WSP04, ZX09].
two-stroke [van98].
type [AH17, AM95b, AAM03, AB14, Ari87, ASC03, A091, BN99, BFGP08, Bia00, BHI13, BS93, Br07, BMD03, B96, BC00b, CO09, Car09b, CMR12, CD+05, CH07, CM07, Cui04, Cve02, Dar09, DGMV005, DMR10, DN08, Dor01, Ehr08, ER18, EP15, Fac03, FWS08, Fd97b, FCX06, Fmu04, Gan09, Gol86, GKA17, yGy07, HHR12, Han93, HGR01, HM17, Has09, Has13, Han88, Hig96, HLC01, HZ12, HCV16, KM17, KOR18, Kid90a, Kid90b, KLY05, KS09c, Lau17b, LDIW16, Lev91a, LLY11, LLL12, Mar99b, MP98, MAG13, MSP10, Ney95, OG08, OGV92b, PSL04, PGP03, PH17, PWS05, RG02, RHT01, Sch16a, SR09, She00, SL09, pSLqJeY16, SIV17, SS16, Uty08, VV05, VCC12, WZL08, WCXL09, Wan09, WMF17, WWLS08, YSN14, YC13, YR09, Zan01, ZP98, ZQKL11, ZX14, vIS87, vC93].
type [AR93, Mat91, Sim91].

U [Bec02]. U. [MZ87].

Uhlenbeck [ZGO12].

Ulm [SLJ11].

Ulm-like [SLJ11].

Ultra [DM12].

Ultra-Weak [DM12].

ultrasound [MDHK06].

ultraspherical [KP92].

unbounded [BT97a, BDMGVO05, DLY03, E07b, FMS18, Fk18, Fia09, Gia12, yGy07, HZBM05, HZ09, HY01, Pec09, Tsy98, WL18, WSO4, ZL17].

uncertain [FV01, ZW09].

Uncertainty [BF17, LGH11, Tar98].

Unconditional [HO10, ZYS17, iW09].

unconditionally [BRBM08, BBKS07, GQ08, LK14, SKe89a].

unconfined [AMRR18].

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].

water [XLK07].

unfitted [ZCC11].

unified [AC16, Bus06, Har98, HP14, Mom03, SK97].

Uniform [WZ17, AD15, BHI2a, BCE04, BB10, Cum95, FHM+02, FR14, Fou00, F01, JM05, LH11, Lin01, MST09, MOSW00, OS08, RS09, SE93, SYG+05, Tro93, VLS08, VT93, Vl95, vIV09].

uniformity [CMS04].

Uniformly [BM01, Rtu15, ZL15, HOEC86, ZX14].

Unifying [ABM17].

Unilateral [SSZ16, Aca12, CH13, Gwi09, HLO2a].

uniqueness [Fuh01, Gar92, HHT97, KP15, LY15].

unit
[BRS16, CCBGV08, DGV00, DBCBP10, DIR13, SL01a]. united [DMH18]. unity [CDD+17]. univariate [BH12a].
univariately [TD09]. universal [QR03].
Universidad [BGHR12, BGH+15].
University [Ano02g, CFTW08]. unknown [CT93, Gar96, Gar03, MM02c, Pou00, PB10, SW13, Che96].
unstable [DLM02, Gro94, WK00]. Unstaggered [Tou10]. Unsteady [Duf90, 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, Scho8a]. updated [BLD17]. updated-observations [YK07]. updates [BTMT08, SW09a].
Updating [BS10, GS08, TS08, XZZL15, ZH15]. upon [AGJM04]. upstream [DN08]. upwind [BGP11, BCS06, CXNF14, FCX06, Hol01, LY09, Pri09, RK91, SY08, SR97, VL08, van86b]. upwind-mixed [SY08]. upwinding [AS06, KN93]. urban [CCM17]. Urysohn [KR18]. USA [FJ97]. Use [FJJ+01, RS08b, AA04, Att97, BLS94, BZ93, Gil91, JKN94, Man96, SH02, Tou97, YR92]. used [BB03, BP95, MS08a, Sha85b]. user [WSS97]. user-oriented [WSS97]. uses [SA05, TS08]. Using [CMS04, MS99a, RSD+06, Sch95a, SG09, ST08, TMS87, Zha96, ABJ12, AyLqW18, Arc06, BC02, BOEP00, BM01, BDF89, BW96a, BCJ97, Ber05, BCT16, BGH08, Bha01, BL08, BH12b, BWE95, CAD03, CDD+17, CJL13, CKP15, CGCMTR02, Che96, CS01, CUK05, Cod08, CMS06, Dah02, DB97, Dea11, Der92, Dia95, DB08, DP55, DL06, Elg17, EW08, ELLE02, EJS11, EC07, FPPS00, Fra14, Gab02, GV18, GGLR09, Gat91, GGM95, Ghe97, GDS+15, GGG16, yGyZ07, HH98, JM94, Jun97, Jun06, KO92, KK09b, Kn194, Kn195, KTS03, Koz94, KX03, LS10, Li98, LH09, LTT07, LL02, MZZ17, MMK17, MR00, MCS16, MM16, Mic95, MPt16, MD96, Moo04, MRFF17, NRWF08, Nap16, NS03, PT09, Peter15, PP00, Pic05, PCRR17, QW04, RP17, Ram12, RG018, RG05, RBT15, SR97]. using [Sch08a, SMC08, SW95b, SW11, SY05, SA00, SYG+05, SD93, SA08, SW13, TLP18, WM07, WS04, WYP12, YC00, YDWW17, ZT06, ZPT92, ZSJ04, ZWL11, dRT99].
V [Tsy96]. V.S [EST15, Ano00h]. vague [MMK17]. Validated [LS07a, JN02, Jez99]. validating [Tou97]. Validation [AV96, CAAT16, TLV92, BWE95]. valuation [AO05, CF08, Mar09]. Value [AGM09, De 88, SM85, AA04, AL09, AyLqW18, AB15, AMP03, AMR17, AMR14, AT93, AM95b, AGM95, Att97, AFLAG+12, ABRW18, Bac17a, Bac17b, Bac18, BGO13, BY00, BM00, Bic16, BCC16, BBS97, BT93a, BT93b, BT95, BT98, Bur93a, BT00, BC93c, C98, CL85, Cas96, CW98, CJ90, CZ12, CN17, DMPSC16, EHM01, FW08, FD97, Fer93, Fun94, GGM95, GM95, Ghe97, GH02, yGyY99. HK93, Hig93a, HR06, IO18, JR02, JCSR03, Kat89, KOR18, KG90, KS09a, KKW00, KS01, KW93, KK02, LH96, LZ17, LW17, LC99, LO03, LS07a, LT93, LOM98, MS03, MS90, MYSC17, Nap16, PZX16, Pap95, PT15, Pul12, RK08, RTU15, SAG86, Sch93, SW05, pSLqJcY16, SW95, Sub04, TS08, VO00b, VV02, Wan07a, Wan07b, Wan11, Wan17b, War92, WW14, XFLC00, YL13, Yos00]. value [ZG92b, ZC10, ZWL11, dVA02]. valued [SW17]. values [Pré10, pSLqJeY16, Zha07]. Vandermonde [MP98, dC18]. vanishing [CS17, KV95].
vanishing-lag [KV95]. vapor [CKB13].

Variable
[AGM95, Ber04, CLMSS98, GPMPR03, Hai97, Jac87, JVZ95, PAJ12, WK12, Zha85b, Ant13, AFS02, Ber05, BG02a, BZ17a, BRW17, BC98, CGA06, Fel06, GD09, GPPR12, HOS99, HP14, HLR01, Ho101, HLMKZ06, IJ14, JL17, JV09, KKK92, KS00, LW070, LLL08, LTT07, LFS15, LG02, PM01, SH79, Sh87, SS08b, Wai98].

Variable-Order [Jac87, Ber04, GPMPR03, Ber05, BZ17a, LG02, Sh87].

Variable-Step [Jac87, AGM95].

Variable-stepsize [WKP12, LG02].

variables [BC93, Dar90, Kid90a, Kid90b, Lav94, Man97, PM03].

Variance [Dah02, JLH13, CHZ06, LH ¨O13].

variant [LLY11, MC17, QM10, Ree03].

variants [HS02].

variates [Dah02].

variation [An087a, BAP +06, DH12b, FS05, JL86, JL87, LPR00a].

Variational [BFS17, BCGI13, DM12, KP03a, BNV06, BHR05, CP97, CBD16, DHS05, FPFR12, GW09, Har98, KHM +14, KPR12a, KPR12b, LLY11, Lb04, MG00, SQ17, SMA01, WH13, YC16, ZHJ14]. Variations [KYC03, RG02, SST04].

versus [CHR03].

Vertex-cell [ZL18].

vertex [Dal13].

Verwer [BtTBV87].

versus [CHR03].

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

Verwer [BtTBV87].

via [AA87, ALP +96, Bao97, BGG04, BR015, Bor10, BM06b, CFZ06, CM04, CPZ17, CGG017, DSZ15b, DSZ15a, FVGS13, HR14, HXW15, KP18, KNP16, KSP10, MS00, NRRZ12, Psa91, PM14, SA90, SI14, WZ16, WQ17, YV17, YT03, Yu08, Zha07, dHV13].

viability [BMMZ06].

vibrating
[Ahu07, CCJ99, CFC03, LR03]. Vibration [LHC09, AMH03, Da99b, LF00, MR01].

vibrationally [MR03].

vibrations [RL06].

Vienna [AFS96].

Vieta [Wu03].

view
[Han87, WH13]. viewpoint [Shy91a, Shy91b]. views [MP02a].

violating [Vul95].

virtual
[Aya09, EBC07, LW92b].

visco
[CP07, GM94, VSeYD02].

visco-elastic
[HMD16].

viscoelastic
[CFRA08, CCLT10, KK06, ZYS17].

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[HHR12, W05].

viscoplastic
[Mur15].

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

viscosity-splitting [GGRN17].

Viscous
[XF06, CCL04, Du90, FPR10, FL01b, GM08, HT00, J06b, LK07, LT00, LR87, PR09, TYKK01a, TYKK01b].

visual
[Spi99].

visualization [Zar99].

Vlasov
[BS14a].

VLUGR3 [BV94].

VMS
[RMM12].

Vogelius
[BL08].

void
[NS16].

volatility
[FV01, LL15, ZW09].

volatility/transaction
[FV01].

Volterra
[AB88, AM10a, BT97a, BGG03, BLM17a, BDF95, BP92, BR92, BM97b, BMM07a, Br07, C017, CD017, CZ12, CP09, CP12, CP17, Der92, DLPV17, EH97, EK06, FJ97, FP11, GL09, Gar10, GGS16, Han93, HZBM05, HA16, Hu99, IRC12, KO08, Kau97, Li05, LD97, LW92a].
Volume [Ano01c, Ano01d, Ano02a, Ano02b, Ano02c, Ano03a, Ano03b, Ano03c, Ano03d, Ano04c, Ano04a, Ano04b, Ano05a, Ano05b, BMQW16, AKT97, ASCM02, ASC03, BK09, BM04a, BM04c, BW95, BC08b, BG03, BP97, CMP03, CL10, CXZ17, CNT07, DJ10, DM11a, DT10, DN08, DHM09, DI15, EN09, EG01, FL04, FM07, FU15, FL01b, GL14, GQ08, GJ17, HHC08, Ka96, KD13, KCJP01, Kvy15, KN12, LLS96, LP01, LMWZ07, MK14, MS08a, Mat08, MR94, MQ00, MOU14, Ngu15, NB01, NFAE03, RVD00, RBT15, SD11, SD13b, SG16, SG07, SN04, SGN06, SGN08, Tol04, TH09, TK15, WZ13, YS09, Zou10, Ano01a, Ano01b, BGP11].

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

Volume [Ano04l, BM04b, Ano92].

Vortex [BO87, Gus87, HKS86, Mac86, MOZ87, Ta86, CR04, Nic86, Sod91, VR01, ZdBT03].

vortical [Din93].

vorticity [AQ00, BP95, Gat91, KN93, Med96, RR00].

vorticity-stream [BP95].

vorticity-velocity [Gat91, Med96, RR00].

Vries [BDKM92, AM04, BR97, FWL18, Isk89]. vs [KL09, Nak05].

W [Ost02, PWS02, WSP04]. W-methods [Ost02, PWS02, WSP04]. W. [SS94a].

wakes [FPSS00]. wall [BL01, DM09a, TYKK01b, Uty08].

wall-bounded [BL91]. Wanner [Ran16].

was [BDN+97]. wastewater [PGC01].

water [AQS94, BMDG12, Beh97, BGG12, CFXZ06, CCM17, FCX06, FSB09, HL03, IM00, Lie01, QLL+08, STS00, SCT05, SW12, Tou10, VCC12, ZGD17, de 92b, vdHS01].

waters [CdCV03]. Wave [AD15, DH12a, Gus87, Vic87b, WWBM88, AM17, Ang06, AD01a, Boy91a, CC18, Che88, CR04, CSMC96, Dek17, DM09b, DZ12b, DC09, EH91, FMS18, FRRJT10, FJP17, FJ09, FJH+01, GL93, HD04, HM17, HvdG10, LJ14, JR00, JEG10, JR02, Kim95, KKE16, KR15, LH11, LKJ07, LN08, LMWZ07, LG02, MDP10, Mot17, Mu99, PD01, PA18, Pir99, RA03, Ric94, RRT01, Sa93, SS94b, SS17, Sod91, SK15, SW06, TY98, Ven15, Vic92, Wag85, WQ17, Wec01, XC85].

wave-like [TY98]. wave-type [RRT01].

wave-vortex [CR04]. wave/particle [RA03]. Waveform [Fan11, AKGR14, BZ93, BDP96, CC18, JZK06, JW01, KL07, LR93, Mar05, Poh93, VP91, ZK00, in 95].

waveguides [SDK15]. Wavelet [AV00, BKP09, KNN03, TZO0, CL01b, CPOGO17, CNS00, DGD03, EH05, GPP04, GM17, Jam95, LS16, Ric08, SW13, ZCS11a, ZCS11b]. Wavelet-based [BKP09, CNS00, Ric08]. Wavelet-Galerkin [AV00].

wavelet-like [SW13]. Wavelets [SW06, BU00, CAD03, CaAL96, Har93, KOR18]. Waves [SR88b, AD01a, Bir87, CGP15, DLM02, EZ03, EV96, Hag15, HD88, MR03, MZ04, NC16, RX08]. way [TSFB01].

Weak [AB17, BW03, TN16, ZZC+18, Ab04, CRR03, DR09a, DR09b, Gol86, KK11, Kom07, MWW01, Sch08a, SL18, TA13, DM12]. Weak-convergence [BW03]. weak-internal [CRR03]. Weakly [HJ09, AL95, AAD14, BY09, BLM17a, CHLX07, CP17, DLPV17, DL16, GCS16, XX91, LD97, LN12, MH16a, Ma14, MO17, Moo98, Mok17, PT11, PTV16, Tan93, Vas17, dAF17]. weather [WCGW95]. weight [DSM11].

weighted [AM12, AM16a, BL06, Dua11, DN08, DS15a, DS15b, GHT05, HSS04, MS08a, Mil17, SL15]. weights [ELR+15, Wel10b, WG11].

Well [Lie01, TK15, ZGD17, BDMG12, CHS17, Env11, EL01, KD13, SS16].

Well-balanced [TK15, ZGD17, BDMG12, KD13].
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well-spaced [CHS17]. wellbore [CML05].
Weller [LHWF08]. wells [GRCG02].
Wendroff [De 88]. Weniger [PCA10].
WENO [BL06, DGM18, GJ17, LPR00b, MM14, SG16, XZL07, ZQK11, ZGDL17].
wet [BDMG12]. wet/dry [BDMG12].
which [SG92, ZNK02]. Whitehead
[MDDR11]. whole [JWJ17]. whose
[MB08, Mar08]. wide [ADK94]. wide-angle
[ADK94]. width [AM16b]. Willmore
[HGR01, Obel15]. Willmore-type [HGR01].
Wilson [YB10]. Wind [BO87]. Wing
[Gar87]. wire [DDZK05]. wise
[LSY17, MM14]. within
[AD15, DS15, FR18, SWFK13]. without
[AMC02, ASC03, AQ00, BM12a, Boy07,
KNP16, mWyG00, WZ16, YDWW17].
WONAPDE [BGHR12, BGH+15]. work
[AV91]. working [GT02]. working-set
[GT02]. Workshop
[BGHR12, BGH+15, FG96]. World [MH89].
WR [BK06]. Wynn [Pre95].
x [Lu98a, Ram12, SSW04]. X-ray [SSW04].
X-splines [Ram12]. Xfem [CLR11].
Y-MP [HVY91, van95]. Yanosik [Pot85].
years [Bru97, Gil10]. Young
[LW04, Mill17, XL09b].

Zakharov [FvdMS17]. zebrafish [MS+15].
zero [ALY03, BC00a, LWCT07, [AA04
Ske89a]. zero-coupon [ALY03]. zero-stable
[Ske89a]. Zeros [VC10, ADG11, CMR12,
CM06, DR01, DMR10, DMR13, DJM09, JJ15,
JT09, KY17, PH91, Sim94a, TJK18, Wu03].
zeroth [SW17]. zeroth-order [SW17]. zeta
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vanIseghem:1986:ECR

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