A Complete Bibliography of Publications in 

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Title word cross-reference

\((-1, 1) \ [DMN12]. \ 1 \ [FR19, RS11]. \ 2 \ [HR19, HOR17a, TWW15]. \ 2/3 \ [BT15]. \ 3 \ [BKW10, CCZ13, EMR19, LCH12]. \ 5 \ [BKW10, \ \alpha \ [ABC15]. \ B \ [BCM17, MMMKV16]. \ C^0 \ [BNRS17, CCQ13, SH18, DLT12]. \ C^r \ [Mat13]. \ \delta \ [YS13]. \ dG(1) \ [CLA19]. \ H \ [BPZ12, FKS18, FLOP10, GMS19, dVBR11]. \ H(\text{curl}; \Omega) \ [HLZ12]. \ H(\text{div}) \ [dVBM16]. \ H(\text{curl}) \ [dVBR16]. \ H(\text{curl, div}) \ [DLT13]. \ H(\text{div}) \ [AT19]. \ h/2 \ [FLOP10]. \ H^1 \ [BY14, LC14]. \ H^2 \ [Boe10]. \ \mathcal{H}^2 \ [LMcS17]. \ hp \ [BDGQ12, HM13, dVCMR18, dVM19]. \ k \ [dVBR11]. \ L \ [Pru14]. \ L^2 \ [Har18, LC14, Mak18, NW18]. \ L^\infty \ [Hac13, LC14, CC10b]. \ L^p \ [Li15]. \ L_2 \ [BY14, Wil19, DS11]. \ L_p \ [BLM11a]. \ M \ [JLL15, XL17]. \ \mathcal{H}^p \ [CM18]. \ \mathcal{H} \ [DHS17, FMP15]. \ n = 5 \ [HJZ14]. \ \nabla \cdot \mathbf{B} = 0 \ [HMX17]. \ p \ [EGL17, dVBR11]. \ P_1 \ [LL10]. \ QR \ [CH19]. \ r \ [Dic12]. \ S^2 \ [BD12b]. \ T \ [CC13, CFL11]. \ \theta \ [GAB13]. \ H(\text{div})^* \ [CPS16]. \ W \ [LV13]. \ W^{1,p} \ [M12].\)

constraints [EMB10, FLMP12, HHYY14, NW18, OW11, PT10, RW12, dHQS15].
BPZ12, BHLZ16, BO18, BHL+19, CGPS17, CGH13, CGMM14, CPS16, CWS16, CPB17, CWHLT15, CXH10, CW12, CH18a, CHH18, CCS16, DS11, Dem16, Dem17, DCC18, DWWW17, DKS13, DU15, DO17, DSX16, DLT13, EÖ17, ER18, ER15, Era15, EOS17, FM18, FGH+16, FGHP17, Gan13, GT14, GGM14, GG12, GKY14, GKS13, GY17, GKN+15, GGRG15, GL19, HJK12, HT18, HR10, HLL12, HSS12, HMX17, HH11, JP13, KOZ16, KK15a, KSL18b, Kir11, KT12, KK15c, KLL19, LM11, LMS19, LV17, LA11, LMY18, LLY15, LCM17, LMR16, LL10, LH14, Mak18, MSW13, Mat13, Nei10, NV12, OS14, OPS15, OR10, PS13, PC13, QRB11. Element [SS15, SG:::12, SZ13, SS16, SW11b, Ste14, Ste10, Wac17, WX12, WXY12, ZBB14, Zha16b, ZRK16, dVBMR16, dVMRR17, dVCMR18, BZ11]. Elementary [EHRS12]. Elements [AT19, BRK17, CCQ13, CGS14, CK16, CGK18, DLT12, EH13, GMÖ+18, GN14, HHS16, HK17, HM16, KS18a, KK15b, KLLG17, KS11c, LL12, LMSc17, Mir12, Mon19, dVM19]. ELLAM [CDL19]. Elliptic [AV12, ABM18, BSZ11, Bör10, BS10, CDN16, CCQ13, DK16a, DGS15, DK16b, DLT13, Fuku10, Fuku13, GV15, GG+19, Git14, GY17, GKN+15, GKN+18, HQ12, HPS16, mHZZ17, HSLZ19, HS19b, HL12, HHS15, JLL13b, KS18a, LMR16, NW18, NTT16, OPS15, PT14, Smy10, Sti10, TSGU13, XZ10, ZZ15]. Ellipticity [OS14]. Embedded [DFL16, HBB16]. Embedding [GKN+18]. Enclosure [KKN14]. Energy [JSW18, Kop17, Say13, CH17, Dem16, FLMP12, LMY18, OPS15, ZS17, ZVKG11]. Energy-norm [Kop17]. Enhancement [MR17]. Enrichment [Sch11b]. Entries [BV12]. Entropy [BEJ14, HM14, FH17, Wil19, ZS12]. Entropy-dissipative [BEJ14]. Entropy-stable [BEJ14]. Epitaxy [CW12]. Equation [AY18, AKST14, ABH13, ABK13, ADM19, AP10, AN18, BFG13, BLS15, BO19, BD12a, BCST19, BY19, BDG+18, BN16, BMMN18, BDS13, BDF12, BEJ14, BO18, Cal17, CG14, CP14, Cho18, CCS16, CMP13, CR12, DES11, DS18c, DHK16, ER18, ER15, FS14, FL15, GL11, GGS15, GMÖ+18, GH14b, GWW14, HK19a, HT18, HS17, JM18, KK15a, KS11a, Kre17, LL12, LP15, MP18b, MNT13, Nei10, NZ19, OS14, OS19, PSV10, PT12, Pie18, QRSZ19, SW11b, VGG14, ZS14]. Equations [AL15, AI17, AR16, AR12, BLF19, BZ17, BBK17, BM11, BGG16, BB13, BBKS18, BDL18, BC12, BMP10, BMZ10, Bör10, BGHL14, BHL11, BV14, BC17, CCEP13, CG17, CP18, CHW12, CCFM17, CCI9, CMMV14, CCLM15, CMLM17, CQ16, CKL14, CDKL18, CH12, C14, CS12, CLM15, DD16, DU15, DL15, DE16, DLT12, EH18, FGHP17, FH17, GY12, GMN19, GLS17, Git14, GKM18, GLL19, HHS16, HBB16, HR19, He13, HOR17a, HJS15, HP17, HPS18, HKT14, HJ14, HKXZ16, HJNS17, HS18, HV12, JLL18, KKK12, Kar13, KOZ16, KS18b, KKN14, KK15c, KL17, KL18, KN19, LA11, LCH12, LC14, Li15, LS16, LL10, MP18a, Man15a, MAs16, MOR17, Nak17, Np17, PS13, Pet12, PT14, PCC18, Pru14, Ren17, RS11, RE14, Russ10, SV13, Say13]. Equations [Sch10, SH17, SSS16, SW16, SSM16, SV12, ST18, SA10, Sti10, TT15, Ver17, Ver10, WZ10, Wil12, Wil19, WMS10, X10, XXL12b, XXL12a, XL17, YS13, ZT12, ZS12, NKL21]. Equidistant
equilibration [CM13]. equilibria [GL11]. equivariant
[MMMKV16]. ergodic [FS19, HY15]. Error
[ADM19, ABC15, BCS14a, BM11, BRK17, BL13b, CCS17, CDNP16, CD11,
CC15, DS16, DD16, FS19, GMN19, GK19b, GGGS11, GSV19, HS15, HP17,
HPS18, LCW17, LL10, OMS13, SZ13, XCW10, ZS14, AV12, AV11, AMN11,
AMORB16, BLMI11a, BB12, BDLM18, BKN13, BM17, BKVU17, CCM12,
CGPS17, CM13, CGH13, CPS16, CGG19, Che12, CS17, CM18, CJ14, DS18c,
DK16a, DWWW17, DSX16, FLOP10, GMS19, GGM016, GM14, GMT11,
HR12, HSV12, Har18, HZZ18, KKR12, KK15a, Kla15, Kop17, KVW15,
LM11, LMS19, LLW10, LO14, LMY18, LN18, LM13, LJS18, MOS11, Mon19,
NV12, NW18, NvPZ10, OW11, PS16, RW12, RHM13, ST16, SWS16, TT15,
WX12, Wei11, YS13, ZS17, ZVKG11, dVMM19]. errors
[ABB19, DS11, DLPV18, FGH +16, MdC17, PSV18]. estimate
[HS15, KKR12, LL10, Mon19, Wei11]. estimates
[AV12, AMN11, ADM19, BCS14a, CCM12, CCS17, CGPS17, CGH13, CD11,
CC15, CHTV18, Che12, CM18, CJ14, DD16, DK16a, DWWW17, FS19,
GMS19, GNM19, GGM016, GNS15, GK19b, GGGS11, Hac16, HZZ18, KKN14,
Kop17, KSZ13, LM11, LMY18, LM13, Mak18, MR17, NV12, NW18, OMS13,
OW11, RW12, Say13, SWS16, Ste15, YS13, ZS14, ZS17, ZVKG11, dVBR511].
Estimating [PSV18, Che16b]. estimation [DSX16, Hac13, HSV12, LMS19,
LO14, Liu17, NPWV19, PGW18, RHM13, dVMM19]. estimator
[CS17, Era15, KVW15]. estimators [BC15a, CM13, FLOP10, SAI17, WX12].
Euclidean [Man15b]. Euler
[CvN13, GGG11, He13, HP17, JT16, LS18, Pin18, Ren17, W10, Wil19].
Eulerian [NDL14]. evaluation [Bal12, SS11]. evanescent [AN18]. EVD
[OY17]. even [BC14a, HLS11, OTMS13, TOMS13]. even-tempered
[BCS14a]. evolution
[CLA19, CLM17, Egg19, HP17, HPS18, JLTZ18, KL18a, KL18b]. Evolving
[ER15, GM14, KLLG17, KLL19, Man15a]. exact [DBG1+15, Koe19].
exactly [HMX17, MMMK16]. examples [GV19]. exercise [MOGO17].
Existence [BFG13, CFL11]. expanding [Wor19]. expansion [SH17].
expansions [LT10, MOGO17, SS11, WZH13]. Explicit
[EH13, AL15, GMS19, He13, OMS13, SB13a, SB13b, ZS14]. Exponential
[Pet12, dVCMR18, BM19, CCR14, DMN12, EK18, GV19, HS17, HK19b,
KLS19, OS19, Piel18, iTSMM10, WSM10]. exponential-fitting [GV19].
exponential-type [HS17, OS19]. exponents [BL13b, BV14]. Extended
[SCH13, KLS11, MV15, dCM17, MAZ11b]. extendible [Owe16]. Extension
[AdST12]. exterior [ABK13, BBSV13, BL15, KL17, NKL21].
Extrapolated [LM15]. extremal [LLY15].

family [AHR14, BBC+18, CDL9, OTMS13, Ste10, TOMS13]. Fur
[dCM16]. Far-field [dCM16]. Farin [Mat13]. Fast
[Bal12, FKS18, Fuku10, GST19, Kir11, KT12, Kir17, LGC14, PG17, SS11,
Fuk13, GP11, Isé11, MMMS10, Mir14, Run14, WZH13, FKS19.


good [Maz11a, OS19]. Gordon [BZ17, BD12a, CCLM15, FS14]. grade [BJLZ15]. graded [BN16, BCGS11, CNX12]. Gradient [BGG+16, DL15, CPS16, EGLTP17, LMcS17, OW11, PT10, ZWJ19].


Gummel [BC12].

H [Bör10, Bör10]. H- [Bör10]. half [Fuk10]. Halley [Kal15]. Hamilton [BMZ10, Cal17, CLM15, GKL19b, SS16]. Hamiltonian [BCM17, CCM12, CCFM17, CHL13, FGP10a, FGP10b, GKL15, HL16, KLS19].

hanging [SW11a]. Hardy [HHNS16]. harmonic [BPS10, CCZ13, Dem17, GH14a, HHNS16]. heat [BPS10, BDG+18, BDF12, BO18, HT18, QRSZ19, SzS12]. Hele [LCWW17, GGGS19]. Helmholtz [BKV15, BM17, GMS19, GGS15, HK19a, HSZ13, SW11b, Wan18].

hemivariational [HSD18]. Herman [LS17]. Hermite [BCS14a, CH18b, CM10, GST19, MS19, SY17]. Hermitian [BV17, MV15, OY17].


hexahedral [EH13]. Hierarchical [ZVKG11, EPS17, LO14, Mir16, SM16].

High [CCFM17, ABB19, AHR14, ABER10, ADBN16, BLF19, BZPZ12, BM17, BDS13, CWHTL15, DL11, HL16, mHZS17, HZZ18, HKT14, JL13b, KNWW19, NDL14, Ren17, RMS17, Run14, WS19, ZS12]. high-dimensional [AB19].

high-frequency [ABER10, BM17]. High-order [CCFM17, AHR14, BDS13, HZZ18, HKT14, KNWW19, Ren17, WS19].

Higher [Nou19, SH19, ZBB14, BKN13, BGHL14, HU17, HK19b, HL18, SKW19].

Higher-order [Nou19, HU17].

Highly [CLM17, XL17, CMMV14, CCLM15].

Highly-oscillatory [CLM17]. Hilbert [JT11, NTT16, OLV12, WZH13].

Hilbert-space-valued [NTT16]. Hilliard [CHW17, DWWW17, LCWW17, BM11, CCS17, CP14, ER15, GL11, GW14].

Hölder [CVN13]. Holm [ADM19]. homogeneous [FHN+14].

homogenization [AH17, AY18]. homotopy [CGMM11]. Hood [MSW13].


Hybrid [LRS19, BL13b, BGG+16, BKUV17, LSW11, LSV16, LRS20].

hybridizable [CM15, SH18]. hybridized [GWX19]. hydrostatic [GGRG15]. hyperbolic [ADB16, BDF12, CMP13, HP17, HPS18, KK11, MR17, YS13, ZS14].

hyperelastic [CR12]. hypersingular [CH12, PT12]. hypotheses [GHS12].
[JZ14, Man13, SH19]. Iteration
[AV10, BL13a, CN19, CGS14, GMS19, JLL15, LGL17, dHQS15]. iterations
[ABER10, HL19, Jin12]. Iterative
[HFL12, AHR14, BV17, CHTV18, CH18b, GST19, He13, Man15b]. Iteratively [HW13, JZ13, Kal15]. Ivanov [KdS18].

Jacobi [BMZ10, Ais15, Cal17, CLM15, GK19b, Har15, Man13, OYV17, SS16].
Jacobi-Bellman [SS16]. Jacobian [Fuk13].

KdV [HS17]. Keller [ZS17]. Kernel [FHN+14, BM17, DS16, NTW18]. kernel-based [DS16, NTW18]. kernels [Che12, FY11]. kind [BK12, Fuk10, Mas14, Not16a]. Kinetic
[BEG14, GV19]. Kirchhoff [LL12, SH18]. Klein
[KS11a, MV15]. Kummer [LT10]. Kutta [AMN11, BBSV13, BLM11b, GS16, HPS18, LFS16, Man15a, Ver10, WE16, ZS14].

Labeling [YBTB14]. Lagrange
[AKYZ18, BS12, BG17, EKAB16, Fer13b, HR10, Jun15, Ren17, SSS12].
Lagrange-projection [Ren17]. Lagrangian [Fer13b, Jin17, RS11].
Laguerre [GST19]. Lamé [BLS14]. Lanczos [Ais15, Bar13a, LZX15].
Landau [AKST14]. Landweber [CN19]. Langevin [FS17]. Laplace
[BHL+19, CDM+18, vyKS14]. Laplacian [BLP19, DS10, GGS15]. Large
[Pr14, AH17, Bar13b, BGR18, BBK18, BS17, JLL15, LC14, Lin17, Ren17].
largest [GGS15]. lateral [PS17b]. Lattice
[DNP14, GSY19, BD11, BFK+16, BKUV17, Dic12, DGSY17]. Lavrentiev
[BGJ18]. Lavrentiev-finite [BGJ18]. law [BG16, Tow18]. laws
[AGS10, BBC+18, BKT10, GM14, HM14, MR17]. layer [CCZ13, KS11b]. layers
[BHT17]. LDU [DK11]. least
[BGR18, BC17, CPB17, DMMS11, IN18, JL13a, RS18]. least-squares
[BGR18, BC17, IN18]. Lebesgue [BDHK12]. Legendre
[BCD13, Is11, Liu17]. lemniscates [HN16]. level
[BK12, BZ11, GT14, GKSS13, LCH12, Tu11, dHQS15]. Levenberg
[BGR18, HH10, Jin10, JY16]. lexicographic [HHB16]. Lie
[ABC15, BCM17, DGBL+15]. Lifshitz [AKST14]. like
[EGLTP17, FR19, GW19, GGGS19, Ren17, SX15a, SX15b]. limit
[AN18, BD12a, BZ17, Cal17, CG17, FS14, GV19]. linear
[AL15, AL17, AP10, BL11, BGIS17, BM13, BGQ12, CDNP16, CHW12, Che12, CvN13, DL15, DE16, GXW19, GAB13, GGGS11, HHYY14, HBB16, HKXZ16, JMM12, KK15a, KKN14, KK15c, KL18b, LL12, LMcS17, LM15,
LHQ14, Mur17, Sid11a, Sin12, Smy10, XZ10, ZS14. linearization
[Chr11, HM18]. linearizations [DLPV18]. linearized [BMGN18, NDL14]. Linearly [KL18a, AL15, PCCC18]. Liouville [RI15]. Lipschitz [Li15].

meromorphic [DV11]. Mesh [BGN16]. mesh-dependent [Ber16]. meshes [ABH13, ABB15, BN16, BCGS11, BDF12, DH17, GGRG15, HZZ18, HM13, Kop17, LS16, LN18, Loz19, Mak18, Mir12, SW11a, Wei11, WS19, YYY14, ZZ15]. Meshfree [Fro18, Nak17]. meshless [KNWW19, Sch10]. metamaterial [LS16]. method [AH14, AH17, AKYZ18, AB13, AR16, ABAC16, BZ17, BT15, BGN16, BSC11, BG12, BGR18, Beil11, BI11, Ber16, BBC+18, BL13b, BGHL14, BGQ12, BNRS17, BDS13, BS10, CEM14, CGPS17, CGMM14, CSW16, CP18, CWLH15, CW12, CCZ13, CQR16, CH12, CM15, DS11, DWW17, DO17, DH17, DK16b, DLT13, ER15, EOS17, EH12, EGLTP17, FM18, FMK16, FKNP11, FL15, FGL14, FLS10, FR19, GY12, GHI17, GW19, GMM14, Gau18, GV15, GKL19, GWX16, GAB13, GSV19, HL16, HKK12, HPS16, HT18, HR19, HY15, HOR17a, HR10, HKXZ16, HSL12, HL18, HH11, Jin10, JZ13, JY16, Jin17, JL13b, Kal15, KdS18, Kar13, KOZ16, KS18b, Kim19, KSL11, Kla15, KS11a, KNWW19, LS18, LCH12, LZ15, LMY18, LP15, LW17, LM16]. method [Loz19, LL10, LJS18, Man15b, MLLR14, MOR17, MP18b, MNT13, Mur17, Nei10, NZ19, NDL14, OR10, PS17a, PS18, PT12, PCCC18, QRB11, RS18, Rus10, SSS12, Sau17, SV13, Sch11a, Sch11b, SV12, Sti10, SH18, Tak15, TT15, Wac17, WZ10, WXY12, WG13, YS13, YYY14, ZS14, ZBB14, Zha16a, ZB18, dVMR17, dVCMR18, BHT17]. methods [AV12, AMN11, AORS17, AHR14, AL17, ADM19, AP10, ABC15, BK12, BL13a, BD12a, BCST19, BHK10, BMWB14, BGJ18, BB13, BR11, BS12, BDG+18, BV17, BCGS11, Bre13, BL14, BOS18, BHLZ16, BO18, CGHW11, CG17, CGH13, CPB17, CBHW18, CMHV14, CXH10, CX12, CC13, CCSS16, CJ14, CC10b, CS12, CHL13, DM16, Dem16, Dem17, DE16, DSW16, EO17, EMR19, EGH15, Era15, FG10a, FG10b, FG+16, FGH17, Gan13, GGI2, GKK+19, GGY14, Git14, GWX19, GKN+15, GS16, HR14, HS19a, Har15, HLZ12, HP17, HPS18, HKT14, HW13, HW18, HIS15, HMX17, HLFL12, HV12, JP13, JT11, Jun15, KS10, LV13, LMS19, LRS19, LRS20, LV17, LA11, LC14, LOSV16, LVY14, LFS16, LM15, MSV17, Man15b, MBBMV16, MR17, Mus15, Nak17, NTW18, OS14, OTMS13]. methods [OZ17, OZ23, PS11, Pru14, RE12, RE14, RSV13, RMS17, Run14, Sch10, SZ13, SS16, SW11b, Ste14, Sz12, SX15a, SX15b, TOMS13, TSGU13, Ver10, WX12, WHC14, Wil19, Wor19, XZ10, Zan13, ZRK16, Zha18, ZW19, ZS17, dVBRMR16]. metric [ZLL+12]. metrics [BCPS10, Mir14]. metropolized [FS17]. MFS [Smy10]. MHD [BK10, BL17, HMX17]. micromagnetics [FLMP12]. midpoint [JM18]. mimetic [LVY14, dV11]. min [YBTB14]. min-cut [YBTB14]. Mindlin [BC15b, PS17a, dV11]. Minimal [DS18a, CD11, SW19]. minimisers [DKS13]. minimization [EGLTP17, FLMP12, FLS10, HYY14, LMSS17, YYY14]. minimum [ZS12]. minmax [BV17]. miscible [CLLS19, CDL19]. misfit [HW13]. Mixed [CK16, CGK18, LMRR19, AMORB16, AT19, BGS17, BHK10, BRK17, BEG14, BKUV17, CDNP16, CGG19, CW12, DO17, DSX16, ER18,

BCMO16, BFK$^+$16, BHL$^+$19, Eng14, LO14, MSW13, Nov14, Sch10].

operators
[AN19, ABM18, BLM11b, BBB17, BV12, Bör10, BC16, BR17, DM14, FY11, Git14, GEEF17, HFK19, HHS15, KKN14, KT12, MS19, Wor19, vyKS14].

Optimal
[CPR13, CNX12, FGHP17, HMOU16, LR17, LC14, Rei12, SA10, AORS17, ADF18, BC17, CRS16, CSW16, CQR16, DFL16, DD16, FGH$^+$16, FHP19, Gal15, GY17, GW19, GWX16, HSLZ19, JW18, LV13, NV12, NPWV19, NTT16, OW11, Pla15, RS18, RW12, SG11, SH18, TWZ17, dGKL19].

optimality [CNSV17, CXH10, DS11, Dem16, Dem17, GY17, HSX12, JIN12].

Optimally [Mir12].

Optimization [AY18, GV15, GP11, GMT11, LMSS17, NW18, PG17, Str15].

Optimized [BGGH16, BPZ12, MSV17].

options [MOGO17].

order
[AHR14, ADST12, ADBN16, BLF19, BMN11, BHK10, BS12, BPZ12, BKN13, BGHL14, BDS13, BEJ14, BKT10, CGH13, CDNP16, CP18, CCFM17, CCQ13, CGSW16, CS12, DWWW17, HU17, mHZZ17, HZZ18, HMOU16, HKT14, HK19b, HL18, HH11, JIN12, JL13b, KS18a, KY12, KNWW19, Mir12, MP18b, MNT13, NN11, NS14, Nou19, RS18, Ren17, Run14, SV12, SH19, SW19, Wan12, WS19, YS13, ZS12, ZS14, ZBB14, ZZ15, ZRK16, Zha18].

ordinary [ARI2, HBB16].

orthogonal
[DBV11, OSI3, PR13, YWY14, ZDQ17].

Osborn [Mak18].

oscillation [CG11].

oscillation-free [CG11].

oscillatory
[AN18, CMMV14, CCLM15, CLM17, Olv10, WZH13].

OSLC [Tow18].

other [FHN$^+$14, Man15b].

outflow [GKL19].

over-penalized [BC15b].

overdamped [FS17].

overdetermined [Str15].

overlap [BFK$^+$16, MSV17].

Overlapping [EMR19, FLS10, MLLR14].

overlaps [SDH$^+$14].

Overrelaxation [LM15].

P1 [KOZ16].

P1/P1 [KOZ16].

Padé [BRZ13].

Padé-type [BRZ13].

pair
[LGL17, Zha16b].

pairs [BEK11, Che16b].

Palindromic [HLS11, LLW10].

parabolic
[AH17, AL15, ABH13, BRK17, BHL11, BS10, CC19, DE16, EH18, HFK19, KS18b, KKN14, KNWW19, LM11, LV17, Li15, LM13, MP18a, Nak17, NV12, Pru14, Rei12, RSV13, Sti10, ZDQ17].

parabolic-elliptic [Sti10].

paraboloids [dCMT16].

parallel [DK16b, HH11].

parallelepipeds
[KK15b].

parameter [JZ13, LP11, NPVW19].

parameterized
[BEK11, DP16, TWZ17].

parameters [dGKL19].

Parametric
[BGN12, EH13, HBB16, HS19b].

parametrized [RHM13].

Part
[FGP10a, FGP10b, PS11, SB13a, SB13b].

partial
[BSCZ12, Bör10, Git14, GLW19, HV12, Rus10, Sti10].

particle
[PC13, PCCC18, Sch11a, Sch11b].

particle-partition [Sch11a, Sch11b].

partition [Sch11a, Sch11b].

partitions [BLM11a].

Pathwise [CvN13].

pattern [GT14].

PCG [FHP19].

PDE
[BO19, GKN$^+$18, NPWV19, PG17, Sin12].

PDE-constrained [NPWV19, PG17].

PDEs

CRS16, CD11, CC15, CHTV18, CCQ13, CH18a, CM18, CN19, CGS14, DES11, DBV11, DO17, DLT13, FL15, GMS19, GKL19, GGRG15, HSV12, HQ12, HFL12, JMM12, JL13a, KS11b, KVV15, Kre17, LN18, LLY15, MLLR14, Nak12, OB17, QRB11, Sou13, ST18, Sun16, Tak15, Tu11, WHC14, Zha16a, Zha16b, dVM11, dVMRR17, dCMT16, GKSS13.

problems

[AV12, AH14, AH17, Adc10, AV11, Ais15, ADF18, ABER10, AG10, BSCZ12, BBSV13, BLS15, BNN11, BGIS17, BT15, BRK17, BKV15, BGR18, BGJ18, BS12, BV17, BEK11, BC15a, BDQ11, BLS14, BOS18, BDS13, BS10, BHLZ16, CGMM11, CG11, CGH13, CGMM14, CDNP16, CXH10, CCZ13, CQR16, CC13, CM15, DD16, DK16a, DCC18, DGS15, DK16b, EO17, Egg19, EMR19, EMB10, FN12, FFKP15, FKNP11, FGL14, GS13, GW19, GGMO16, GV15, GMS11, GY17, GKL15, HL19, HS19a, HPS16, hHZZ17, HSLZ19, HR10, HZL12, HH10, HW18, HW11, HH11, Jin10, JL13b, JL13b, JSW18, Kal15, Kim19, KKN14, KSD10, Kop17, KSZ13, LM11, LR17, Li10, LMR16, LHQ14, LM13, Masi16, Mus15, NV12, NW18, NPVV19, NTW18, Not16b, OS14, OPS15, Ovl12].

problems

[OW11, PG17, PPS18, PT10, QRSZ19, Rad19, RI15, RSV13, RW12, Sch16, SH19, SX13, YBTB14, ZZ15, Zha18, ZWJ19, ZDQ17, ZVKG11, dHQS15].

procedure [LA11]. processes [Ven11].

processing [ER18].

product [Che12, DS10, HS19b, SS11].

programming [PG17].

projected [dHQS15]. projection [AG10, BY14, BV17, HR19, Ren17].

projections [GH14a, Ste15]. prolongation [NN11].


Proper [FN12, ZDQ17]. properties [ABB15, BHL11, Che12, FS17, FS19, GAB13, HFK19, IG15, KSZ13, OR10, Wan12].

property [BY15, BV17, DKS13, OTMS13, TOMS13]. Provably [Rie19, WS19].

Prussner [NZ19]. pseudo [HKT14]. pseudo-spectral [HKT14].

pseudodifferential [PT14]. pseudospectral [BZ17]. pseudostress [GGM14].

pseudostress-based [GGM14]. punctual [BDLM18].

QCD [BFK +16]. QMC [GKN +18, HS19b]. QR [VVVF10]. QR-algorithm [VVVF10].

quad [Sun16]. quad-curl [Sun16]. Quadratic [BR17, BMP10, Eng14, FLMP12, OYV17, PG17, XZ10].

quatratization [HLS11].

quadrature [AV12, AR19, BBSV13, BLM11b, BC16, DMN12, FR19, FHN +14, HS15, KT12, LFS16, Not16a, Not19, OMS13, Owe16, PS16, Pla15, dS18b].

quadrature-based [KT12]. quadratures [GST19].

quadrilateral [HZZ18, Mon19, PS13, ZZ15, Zha16b].

quadrilaterals [WXY12].

Qualitative [HFK19]. Quantized [KS18a]. quantum [BCS14a, BEJ14].

Quasi [BD12b, Dem16, GKN +15, Maz11b, SH18, AL15, BM19, CRS16, CXH10, DBV11, DS11, Dem17, GGK +19, HM13, HMOU16, KL18b, NTT16, SM16, TWZ17].

quasi-interpolation [SM16].

quasi-linear [AL15, KL18b].

Quasi-Monte [BD12b, GKN +15, GGK +19, HMOU16].

Quasi-optimal [SH18, CRS16, NTT16, TWZ17].

Quasi-optimality
[Dem16, CXH10, DS11, Dem17]. quasi-orthogonal [DBV11].
quasi-Toeplitz [BM19]. quasi-uniform [HM13]. quasiconformal
[ZLL+12]. quasilinear [CD11, CC19, DD16, HP17, HPS18]. quasiseparable
[DP16]. quasistatic [WHC14]. quaternionic [JO10]. queue [NP15].
quotient [AV10].

Rachford [HHYY14, HY15]. Radau [PS16]. RADI [BBKS18]. Radial
[HSW17, PT14]. radiation [HK19a]. radii [BPS10]. radius [LN15]. Radon
[GH14a]. Random [Dic12, OZ17, AR12, BBC+18, BC15a, DKS17, FKS18,
FKS19, Git14, GKN+15, HPS16, MNT13, NTT16, TSGU13, OZ23]. Randomized
[Lin17, SAI17]. rank [BB13, BBKS18, BUV17, EHS12, HK19a, GKL15, Hac16,
HRS12, HL18, Non19, SSS16]. rank-1 [BKV17]. rank-adaptive [HK19a]. rate [AR16, HY15, HL18, SH18]. rates
[BC17, Cal17, Gan13, HQ12, KS11c, NZ19, SH19]. Rational
[AN19, BG12, BLM18, BDHK12, BRZ13, CH18b, DBV11, GTS19, GN14,
IN18, MMMS10, PR13]. Raviart [HM16, LMR16]. raw [DM14]. Rayleigh
[AV10, BJLZ15, GHP17]. RBF [LW12]. reaction
[AV11, ABH13, BGGH16, DK16a, FGL14, KS11b, Kop17, LH14, Pie18].
reaction-diffusion [AV11, DK16a, KS11b, Kop17, Pie18]. real
[H17, Kim19, MOR17]. realizable [ZBJ18]. realization [LP11, RSV13].
Reconstructing [HR12]. reconstruction [GS17]. reconstructions
Recurrence [PR13]. recurrences [MV15]. recursive [Hac16]. red [SZ13].
red-green [SZ13]. Reduced [RHM13, CQR16, Zha18]. reduction
[Bar13a, SZ13, Sin12]. Refined [LMS19, PPS18]. refinement
[SZ13, dVBR11]. refinements [GMÖ+18]. reflector [dCMS16]. Regge
[Chr11]. regime [BD12a, BZ17, FS14, NDL14]. regions [AN18]. Regular
[Zha18, Che16b, Dal10]. Regularity [CCGP17, LN18, CG17, CD11, CC19,
DHS17, JLZ18, KS11b, KY12, LV17, Li15, Pru14, dGK19]. Regularization
[ZWW19, G17, HQ12, HK18, JT11, Jin12, JZ14, JY16, Jin17, LA11, LP11,
OB17, SH19]. Regularized [BCST19, EH12, HW13, Jin10, JZ13, Kal15].
regularizing [HH10]. Reissner [BC15b, PS17a, dV11]. related
[BB13, BR11, BGLH14, FL15, Not19]. relation [BBK17]. relations [PR13].
relationship [Fer13b]. relative [FH17]. relativistic [FS14]. relaxation
[ADF18, AL17, BGGH16, BKW10, GW19]. Relaxing [GHS12]. reliable
[GST19, KV15]. remarks [BO17]. reordering [OZ17, OZ23].
Reorthogonalization [Bar13a]. Reorthogonalized [BS13].
Representation [GT19, HAG17]. representations [EPS17, VD11].
requirements [DCC18]. Residual
[CGG19, DSX16, Wei11, CS17, KVW15, WX12]. Residual-based
[CGG19, DSX16, CS17, WX12]. residual-type [KVW15]. residue [DV11].
resolution [BGLH16]. respect [BCPS10, dKL19]. restarted [Ais15].
Restarting [BV17]. resultants [NNT15]. results [KSD10]. retarded


rules [ACWL14, AR19, BD11, BD12b, DMN12, Dic12, DNP14, DGSY17, GSY19, GMT11, HMOU16, Owe16, dS18b]. Runge [Man15a, AMN11, BBSV13, BLM11b, GS16, HPS18, LFS16, Ver10, WE16, ZS14]. Ruppert [DMG19].

Sacker [BV14]. saddle [BLS14, BOS18, HW11, KSZ13, PPS18, Sou13, Tu11]. saddle-point [PPS18, Sou13]. same [OTMS13, TOMS13]. Sampling [RW17, AdST12, BBC+18, BKVU17, DFL16, HANT16, LRS19, LRS20].


Schiedegger [CLLS19]. scheme [AKST14, AMORB16, AG10, BC12, BMZ10, BCS14b, BL17, Che16a, CLM15, CvN13, FH17, GMN19, GWW14, GK19b, GGGS11, He13, HJHA17, HH10, HS18, KP17, LS16, Ren17, SS15, SS18, Tow18, Ven11, Wan12, WYY14].

schemes [AGS10, ADNB16, BBK17, BC15b, BDF12, BKTT10, Cal17, CCR14, CCLM15, CHW17, CDL19, CKL14, CDKLM18, CC10a, CR12, DL15, DKHR16, EZ15, FS14, Fer13a, FLOP10, Fer13b, GM14, GV19, HZZ18, HM14, JLZ18, MS19, PSV10, RS11, WS19, ZS12, ZZ15]. Schmidt [BS13].

Schoenberg [BR17]. Schrödinger [ABK13, AL17, AP10, AN18, BFG13, BZ17, BCST19, CG17, CCLM15, CY12, GH14b, JMI18, KK15a, LO14, Wan18]. Schwarz [AL17, BK12, BGHH16, Bre13, DK16b, EMR19, GV15, LMR16, MSV17].


self-adjoint [AN19, BB17, CEM14]. self-adjoint [CGMM11, CDPN16]. Sell [BV14]. Semi [LA11, AdST12, AN18, AG10, BM19, CG17, CVN13, HR12, HJHA17, Pie18, RS11, SB13a, SB13b, dGKL19, Fer13b].

semi-classical [AN18, CG17]. Semi-discrete [LA11, HR12, Pie18, dGKL19]. semi-explicit [SB13a, SB13b]. semi-implicit [AG10, HJHA17].

semi-norms [AdST12]. semiclassical [GH14b]. semidiscretizations
[Say13, WE16]. semigroups [FS19]. semilinear
[CHW12, FGP10a, FGP10b, KS11b, KNWW19, NV12, WE16]. Sensitivity
[FPD12]. sensor [NPVW19]. separable [HHYY14]. separation [Che16b],
sequences [Dri12, Sid11a]. serial [OYV17]. series
[Adc10, BCM17, MMMKV16]. several [BL13a, Sau17, SX13]. Shah
[SKV19]. shallow [BL17, CKL14, CDKL18, TT15]. Shranks
[Sid11a, SCHH13]. Shannon [MOGO17]. shape [AGK+14, ADF18, GS17].
Sharp [BLM11a]. Shaw [GGGS19, LCWW17]. Shaw-like [GGGS19]. shear
[ST16]. Shifted [Ovl10, GGS15]. shock [HM14]. Short [MV15].
shortcomings [BT15]. shortening [PS17b]. sided [AV10, BBB17, JO10].
sign [CC13, DCC18]. sign-changing [DCC18]. signals [SKW19]. Signorini
simplices [BPZ12]. Simplicial [HS13, Kir11, KT12, Kir17, XZ10]. Simpson
[Pla15]. Simultaneous [LM15, Sid11b]. Sinc [OMS13, OTMS13, TOMS13].
single [CS17]. single-phase [CS17]. singular
[AR16, Bar12, FGP17, HU17, HFL12, LCH12]. singularities
[YS13, dVCMR18]. singularly [AV11, DK16a, KS11b, Kop17, SH17].
[BD11, CC10a]. smallest [JLL15]. smooth
[CH18a, CN19, DNP14, GY12, GL11, SV13, WE16]. Smoothing
[NN11, SKW19]. smoothness [HKUV17, RMS17]. Sobolev
[AP11, AdST12, FY11, GSY19, KY12, NOS16, Weni10]. Solution
[BY19, BBSV13, Bör10, CC10a, HL16, HHB16, HFL12, Mas16, OB17, PG17,
RI15, Ros10, SSS16]. solution-dependent [HL16]. solutions
[BCCH19, Cho18, CMP13, EMB10, FGL14, GLW19, HJNS17, KKN14,
KS11b, LCH12, Pet12, PZ18, SB13a, SB13b, WMS10, XXL12b, XXL12a].
solvable [CW17]. solve [Bel11, SV12]. solver [BKW10, FHS19]. solvers
[GWX19]. Solving [GS13, Jin10, Kal15, LSW12, Olv12, PT12, WHC14].
Some [BO17, GV19, LN15, WX12, dVBR11, BR11, CXH10, Rus10]. SOR
[OZ17, OZ23]. SOR-type [OZ17, OZ23]. sorting [Ca17]. source
[BDLM18, SG...12]. space
[BO19, BRK17, BHL11, FKNP11, HHNS16, HT18, HM14, KdS18, Lui17,
Man15b, MP18b, NV12, NTT16, OPS15, Rei12, SG11, Ste15, Tow18, WZ10].
space-fractional [BO19]. space-time [HT18, MP18b]. space/time
[BHL11]. space/time-discretized [BHL11]. spaces [BY14, HKUV17,
EMR19, EGL17, FN12, FY11, FHN+14, GSY19, JZ13, JZ14, JY16, KY12,
Maz11a, Maz11b, NOS16, SW11a, SM16, SDH+14, Wen10, ZWJ19, dHQS15].
spacetime [HS13]. Sparse
[NTW18, ABB19, CHW12, DS10, HT18, NPVW19, NTT16, RW17].
sparse-grid [NTT16]. Sparsity [BPZ12, HANT16]. spatial [ZRK16].
spatially [YBTB14]. spatiotemporal [Kla15]. SPDEs [CVN13]. special
[Seg13]. Spectral [ABM18, Eng14, HL15, ÖS13, RMS17, Wor19, BT15,
support [HHR11]. supported [SV13]. supports [HS19b]. sure [WMS10].
surface [BDS13, BHLZ16, BHL\textsuperscript{+}19, DS18c, ER15, KLLG17, KL18a, OR10].
surfaces [BN16, BHLZ19, DM16, DL11, GM14, KLL19, Man15a, SW19].
sweeping [Ven11]. Sylvester [XXL12b]. Symmetric [CHL13, GN14, Ais15, BDGQ12, BCGS11, CG11, CGG19, EOS17, FFKP15, Sid11b]. Symplectic [KK15c]. Symplectic-mixed [KK15c]. system [BCCH19, BL17, BGHL14, CGHW11, CGSW16, CHW17, CKL14, DWWW17, FKM16, Gau18, GGGS19, LCWW17, RS18, SSS12, SzS18a, LGL17, SS11].
surfaces [BN16, BHLZ19, DM16, DL11, GM14, KLL19, Man15a, SW19].
surface [BDS13, BHLZ16, BHL\textsuperscript{+}19, DS18c, ER15, KLLG17, KL18a, OR10].
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surface [BDS13, BHLZ16, BHL\textsuperscript{+}19, DS18c, ER15, KLLG17, KL18a, OR10].
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surface [BDS13, BHLZ16, BHL\textsuperscript{+}19, DS18c, ER15, KLLG17, KL18a, OR10].
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sweeping [Ven11]. Sylvester [XXL12b]. Symmetric [CHL13, GN14, Ais15, BDGQ12, BCGS11, CG11, CGG19, EOS17, FFKP15, Sid11b]. Symplectic [KK15c]. Symplectic-mixed [KK15c]. system [BCCH19, BL17, BGHL14, CGHW11, CGSW16, CHW17, CKL14, DWWW17, FKM16, Gau18, GGGS19, LCWW17, RS18, SSS12, SzS18a, LGL17, SS11].
surfaces [BN16, BHLZ19, DM16, DL11, GM14, KLL19, Man15a, SW19].
surface [BDS13, BHLZ16, BHL\textsuperscript{+}19, DS18c, ER15, KLLG17, KL18a, OR10].
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sweeping [Ven11]. Sylvester [XXL12b]. Symmetric [CHL13, GN14, Ais15, BDGQ12, BCGS11, CG11, CGG19, EOS17, FFKP15, Sid11b]. Symplectic [KK15c]. Symplectic-mixed [KK15c]. system [BCCH19, BL17, BGHL14, CGHW11, CGSW16, CHW17, CKL14, DWWW17, FKM16, Gau18, GGGS19, LCWW17, RS18, SSS12, SzS18a, LGL17, SS11].
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