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Title word cross-reference

(A, η, m) [PY10b]. $(I + S_m)$ [Mor10b]. (m, k) [dJMPPC14]. (M, N) [dJP13, dJMPPC14]. (P, Q, η) [JWW10]. (R, S) [YGHH14]. 0 [ARF14, GSM11, Lay13]. 1 [ARF14, BY14, CZZ14, CLP10, GSM11, Lay13, LWXW12, TY11, ZCC+13]. 11 [NBBKV10]. 12 [DY13]. 2 [AHLJ14, ADL+10a, Bab10, BG11, BGIN10, BKB14, BJ12, BHMW13, CPP13, CvdMS12, DLG14, DD14b, FGEM10, JMS10b, Kha10, LEKT10, MS13b, NTPVNHLX14, OS10, UBSG12, YZ10b]. 25 [CWY11]. $2p$ [CHMT10a]. 3 [BSPD14, BCD+10, CPP13, CDQ14, Col13, GCY13, HKL11, JMS10a, JJE13, KSA14, Lia14, PDE+13, PRT10, QYZZ14, QZX+11, Rah14, SBFC10, SSK+13, ZD10]. 32×32 [SA14]. 4 [DDG+13b, Jia10]. 7 [NBBKV10]. $[-1, 1]$ [CBGVPP10]. $[-\infty, 0]$ [BGVHN13]. + [MDVB13]. ${}_2F_1$ [DJJ13]. A [GPHAM10, GPHAS14, Yeu14]. A_j [Esc14b]. α [AHK14b, BHBP10, NTRNXB10, YZ10b]. $\alpha\beta$ [Akt14a]. $AX = B$ [HD11, LsGHZ10]. $AXB + CYD = E$ [SC10c]. $AXB = C$ [yP10b]. B [pLjH10, LP10c]. β [FCS12]. c [El 11, RPS+11]. C^0 [GG13b]. C^1 [BGIN10, BBK+14, KLK13, NRS11, SSR10]. C^2 [DY13]. C_0 [Mia10]. C_p [AÖ11]. $\mathcal{C}^r$ [FGPP13]. $\mathcal{H}^2$ [AHK14a]. $\mathcal{PD}$ [PD13]. $\mathcal{Q}_1$ [DLP13]. χ^2 [Mah11]. D [LTW10, Yan10a, BLO11, BR11a, CG11b]. δ [MRD13]. Erlang(n) [ZZ13]. F_2 [BR14a]. F_D [Zho11a]. g [ENSCS12]. G^1

[HwK11, JŽ11, MSWY12]. G^2 [CP13b, HwK11, Lu13a]. G^3 [CC12, Lu14]. G^k [JJK+13]. GARCH(1, 1) [BÜ14]. GCROT(m, k) [MZL14]. H [BL10a, BG14b, Che14b, HMS11, WH12b, GZ14b]. $H(\cdot, \cdot)$ [jTW14]. H(div) [CW14b]. H(div) [CHX11]. H^1 [SM14b]. H_0^2 [KN10a]. H_+ [ZY14b]. h_2 [BGKVW10]. Hcurl [DDG13a]. Hdiv [DDG13a]. hp [CL11e, Gia12, Gia14, GZ14a, Gwi13, HHT12, KSA14, MSP12, Sch14c, SDK10, SCDA10, SACS10, Wih11, PSKA14, SKK14]. I [Dom10]. $I^{(-1)}$ [HX14a]. K [XCY12, EX14, JGH+13, KD10, KPW10, NTNBV14, YE14]. $k + 1$ [XSH10]. $\{K, s + 1\}$ [LRT13]. $k - 0$ [MA14a]. $l = 2$ [GD13]. $L_2^{(m)}(0, 1)$ [SH11]. $L^* a^* b^*$ [RMTO11]. L^1 [ADL+10b]. L^2 [BS11b, VMMM10]. L^∞ [HS12]. L^p [SWT12]. l_1 [XHmDW14]. $L_2^{(m)}(0, 1)$ [SHN13]. L_p [SYİ11]. $Lip(\omega(t), p)$ [SS14c]. LlogL(log log L)(S^N) [AA12]. LQR [HKO11]. LU [GWX10, WH12a, WH12b]. M [dL14b, ML10, Nad11]. $M(a, b; z)$ [LP10c]. $\mathbf{F}_2$ [Har11]. $\mathbf{F}_{5^{5^n}}$ [CÖ11a]. $\mathbf{F}_{7^{7^n}}$ [CÖ11a]. $\mathbf{R}^2$ [DL14a]. $\mathbf{R}^4$ [HwKB14]. N [SCRG12, ZD10, LT11, LWZ13, Nad11, SH10, Yeu14]. n:G [EX14]. $O(\sqrt{n}L)$ [FF14]. ω [KD10]. P [AGM12, DP14b, SASH11, CZZ14, GKLZ12, GZ14b, KLL11a, KLM14, Kuz10, LHC14, Obe13, WZ10d, Zie14]. P_* [KC11]. P_0 [ZLL10b]. P_1 [FKNS11]. $P_k Q_l$ [AB10]. ϕ [QCK10]. pq [EI14]. q [AB11a, ÁNA14, Arv10b, BLO11, HCQ14, LW10a, Mah11, YE14]. QR [AMMS12, MPS10, VVM10]. R^2 [BP13]. R^3 [BP13]. S [KB13, ADCC12, DSY+11, DSZ11, TS10]. s, L [TS10]. S_N [RW10]. $SL(2, \mathbf{R})$ [Liu12]. SO$(2, n)$/S(O(2) $\times$ O(n)) [El 11]. T [DCJ13a, GH10a, SW13, TCD11, WZY+14]. θ [SLD13, ZFH10, ZW14]. $U(a, b; z)$ [LP10c]. V [WCZ11]. W [Fuk13d, KW11, RS10a]. $W(L^p, \xi(t))$ [SS14b]. $X + A^* X^{-\alpha} A = Q$ [Zha13, WL10c]. ξ [JK10b]. $y'' = f(x, y)$ [DEP11]. $y'' = f(y(t))$ [DP14b]. $y^2 = x^3 - c$ [Kır11]. z [LP10c]. Z_p [AÖ11].

- [Yan10a, KD10]. **-accretive** [PY10b, jTW14]. **-adaptive** [Kuz10, Gia12, Gia14, HHT12, Wih11]. **-analogue** [HCQ14]. **-binomial** [YE14]. **-body** [SCRG12]. **-carrier** [ZD10]. **-Ceságro** [AB11a]. **-circulants** [ENSCS12]. **-class** [SS14c]. **-coherent** [dJP13, dJMPPC14]. **-constrained** [Lu13a]. **-continuity** [CP13b]. **-D** [Col13, DLG14]. **-DG** [SKK14]. **-dimensional** [LWZ13]. **-FEM** [PSKA14, SKK14]. **-finite** [FGPP13]. **-flame** [WCZ11]. **-fold** [Jia10]. **-function** [El 11, HMS11, MRD13, ZLL10b]. **-functions** [Fuk13d]. **-gap** [LTW10]. **-geometric** [YE14]. **-Hahn** [Arv10b]. **-iteration** [FF14]. **-Jacobi** [LW10a]. **-Laguerre** [BLO11]. **-Laplace** [ML10, Obe13]. **-Laplacian** [KLL11a, KLM14, WZ10d]. **-linear** [Har11]. **-matrices** [WH12b]. **-matrix** [GH10a, dL14b, ZY14b]. **-means** [RPS+11, XCY12]. **-Meixner** [FCS12]. **-meshes** [DCJ13a, Sch14c, SW13, TCD11, WZY+14]. **-method** [ZFH10]. **-methods** [SLD13, KW11, RS10a]. **-model** [SWT12]. **-monotone** [pLjH10]. **-nonconforming** [FKNS11]. **-nonexpansive** [QCK10]. **-norm** [LHC14, BGKVW10]. **-operator** [PD13]. **-orthogonal** [BR11a, CG11b]. **-orthogonality** [BLO11]. **-out-of-** [EX14]. **-palindromic** [BG14b]. **-point** [CWY11]. **-potent** [LRT13]. **-projection** [KN10a]. **-Racah** [ÁNA14]. **-reflexive** [JWW10]. **-regular** [BS11b]. **-regularizer** [XHmDW14]. **-ROCK** [KB13]. **-sector** [Zie14]. **-semigroups** [Mia10]. **-singularities** [Esc14b]. **-stability** [VMMM10]. **-stable** [AGM12, ADL+10b, DP14b, GPHAM10, GPHAS14, SASH11].

-stage [Kha10, NBBKV10]. **-statistical** [AB11a, Akt14a]. **-step** [ADCC12, LT11, VVM10, XSH10]. **-step-ahead** [ZCC+13]. **-strict** [KPW10, JK10b]. **-symmetric** [BR11a, CG11b, YGHH14]. **-Szász** [Mah11]. **-th** [GKLZ12, JGH+13, Zie14]. **-th-order** [SH10]. **-theory** [AHK14b]. **-Toeplitz** [ENSCS12]. **-transpose** [Yeu14]. **-up** [MDVB13]. **-version** [CZZ14]. **-wavelet** [AHK14a]. **-weighted** [Che14b].

1 [WYP10, ZH10a]. **10.1016/j.cam.2009.08.041** [DC10]. **143** [Gün10].

2-norms [UM14]. **2011** [Sol12]. **224** [LHL11, TSC10, ZJ12]. **228** [Wan11c]. **230** [Wan11c]. **231** [Dai11, LB10]. **233** [Asl10, BAdS+12, WYO11, vDvFZ13]. **236** [DS13c, XSV13]. **262** [DD14b]. **266** [ÁD15]. **271** [CDKN15].

360 [WYO11].

4th [LLSW11].

60th [MYZ10]. **61** [Kre11].

70th [ARV10a].

8-stage [NTNBV14].

A. [Khr10]. **ablation** [MV12b]. **ablation-type** [MV12b]. **abrasive** [KS12b]. **abrupt** [KBKR14]. **abscissae** [Not14]. **absolute** [HHZ11, Liu11c]. **absorbing** [Bab10]. **absorption** [Dra13]. **abstract** [RT12]. **Accelerated** [CHMT10a, NLL13, And10, BY12, GGAVRC14, Ism14, Wan11f, WSS14, ZY14b]. **accelerated-time** [GGAVRC14]. **accelerating** [CCS11, LEVG14]. **Acceleration** [ENS14, KSRM12, DZW14, Kuz12, Zho12]. **accelerators** [GPVL10]. **accretive** [PY10b, jTW14]. **accuracy** [BG13, CS14, Cie14, CyYwY11, HMA12, Lia14, MT10a, Oou13, TTB14, ZTC11]. **Accurate** [Cha10a, JGH+13, Rum13a, Rum13b, Wri10, ZD10, vGALL10, ADGP13, CD10, CL11a, CHH10, DR14b, ESM13b, EN14, GP11, Kho10, KN10a, MV12b, WCH11, pWqSmZ14]. **Acoustic** [GMZ+10, AV10b, BP13, DLG14, DDV+11, HLLW13, Lia14, PRT10, RL10, TA13, VVD+14, WUB10]. **acoustics** [AM10b, DMMP10, HLSX11, HNPX11]. **acousto** [ILEE13, MR10, Mön10]. **acousto-elastic** [Mön10]. **acousto-gravitational** [MR10]. **acousto-structural** [ILEE13]. **ACSP** [SBM14]. **active** [Uty10b, Uty10a, ZTP14]. **activity** [LL13a]. **actuators** [APO14]. **adaptation** [AZ11, BFB14, Dea11, HK14, KM10]. **adapted** [SW12a]. **Adaptive** [CGRS11, DQST14, FN10, KK14, PC12a, Prz10, SDK10, TCD11, BS13b, BFHK12, BL10b, BHPS12, CZWD14, CGS12, CC11a, CC14a, DME+12, EN14, FPP14, FiMO10, FV10, Gia12, Gia14, GH14b, GAS14b, GCC14, HHT12, HK13a, HJS14, Ism14, IG12, KKR11, KS14d, KBKR14, KMLT10, KMP14, KSA14, Kuz10, Li10, LMY11, MKS12, Mar11, NÖ10, ÖW14, RW10, SLP11, SCDA10, SACS10, SG12, SKK14, WCH11, Wih11, XN14, ZTL13]. **Addendum** [CDKN15, Pir14]. **addition** [Vel10]. **Additive** [LCI11, BS11b, BB12c, GLHCLPN10, Sla14, Wik10]. **addressing** [HDT11]. **ADI** [JK13, SBL12]. **adjacency** [MHH+14]. **Adjoint** [MMP11, SLW14]. **Adjoint-based** [MMP11]. **adjustable** [FJLL10]. **adjusting** [ZZC10]. **ADM** [AF10]. **admissible** [BSV10]. **admittance** [Pag10]. **Adomian** [Eba11, Mah14]. **adsorption** [MHL11]. **Advanced**

[FHMZ10, WZL11]. **Advances** [AGK+14, VAV11, AB14, BK14c, FFM+11]. **advancing** [CFMR12]. **advection** [Bay14, BB12a, GVM+12, GZ11, GN11, GPHAPR14, HML14, MPS11, PMC11, RRMD13, SRP+13, TR11, VS14, ZW10]. **advection-dispersion** [HML14, ZW10]. **advection-dominated** [SRP+13]. **aeroacoustics** [NCCF+10]. **aeroelastic** [DAW11]. **aerosol** [CFL+14]. **aesthetic** [MSWY12]. **affected** [GLHCLPN10]. **affine** [EF14, Liu14a, NS13]. **affinely** [UM14]. **age** [LSW11, mZkPkL11]. **age-dependent** [mZkPkL11]. **age-structured** [LSW11]. **Aggregate** [TBK14]. **aggregating** [DLSV14]. **aggregation** [PM11b]. **aggregation-disaggregation** [PM11b]. **agricultural** [WDG+12]. **ahead** [ZCC+13]. **AHSS** [CJ10]. **air** [WCZ11, ZS11, HSH12]. **air-vapor-heat** [ZS11]. **aircraft** [ZGZB13]. **airfoil** [NdCDCFM10]. **airfoils** [MSP12]. **al.** [SPLHCB14]. **algebra** [HV11, Spe11]. **Algebraic** [CR11b, BY11, BS11a, BSS14, BSS13, BHJ11, BL11, CK13, CLS14, CA14, GPHAS14, GG14, HSH12, KX13, LM12a, LwCLW13, LM14, NOS14, PC12a, PV10, PGH13, Pul14, SA14, VS14, WLD14, XN14, YL11a, YZ11a, YLD13, ZW11a]. **algebraic-trigonometric** [YL11a]. **algebraically** [CDJP13, IJ14]. **algebras** [But12, CGRLR11]. **Algorithm** [MD13, AMMS12, AMMS14, AZ11, AG10a, AGT12, AR10a, And13, ARF14, BGRS12, BR14b, BSBA14, BL14, BFMS11, CHL11, CC14b, CC14a, CSSX14a, CSSX14b, CLS10, Cin12, Cin14, CRF14, DBHV10, DP11, DW10, DKH+10, FF14, FB12, GLH12, GCNL14, Gen12, GG14, HKK10, Har11, HMA12, HK12, HDT11, HTM14, HL10b, HXSF14, HXW11, IHRA11, IA13, Iid12, JK10a, JWW14, KKR11, KC11, KSLD11, KBKR14, KDG+13, KR14, KG12, Lay13, LCXL11, xLwCL10, LZH14, LZI10, LFY11, LJ12, LPLX10, LPGX10, LG11, LJ13, LZWJ11, MAK+14, MB11, MY14, McN10, Mir14, PFLZ11, Prz10, QZX+11, RPS+11, SMD14, SBFC10, Str12, TT12, TJL11, jTW14, TOF14, WZD10, WSWD11, WW10c, WK10, XZL11, XSW12, XMC11, YWL14, ZSG+14, ZH10c, ZW12, ZLL10b, ZZG14]. **algorithm-based** [MAK+14]. **Algorithms** [BC10, CW13, FHMZ10, Gra11, HS11a, HV14, LRT13, Rum13a, Rum13b, YKL11, AEWMES11, And10, AuI13, BMS11, BFS14, CSY10, DC11, EY10, GH14a, GLHCLPN10, GZ11, HLLW13, JKV11, KK14, KR10, LEVG12, LH11b, LdHA10, MRT13b, MRT13a, Mol10, MY13, NACLR12, OORO12, PWZ11, SS14d, WW10a, Xu11b]. **All-angle-negative-refraction** [FGEM10]. **all-at-once** [YK14]. **alleviate** [GCY13]. **Allmaras** [DH13]. **allocation** [EC13, GCNL14, HW10, Iid12, LNJ+10, LNB+12]. **allowing** [JY13]. **alloy** [KS12b]. **Almost** [Alz10, Lan12, MSG11, Rie13, CL11c, CGL10, CDJP13, DN13, EO14, FS12a, RK11]. **along** [KR10]. **alpha** [Ayd14, NTRNXB10, NTPVNHLX14]. **alpha-FEM** [NTPVNHLX14]. **alternately** [WZL11]. **Alternating** [AMRS12, Bog14b, CC14a, PL10b, ZBC13, Cui10]. **alternative** [CDTV11, NTRNXB10]. **alveolar** [MP10b]. **always** [LZI10]. **ambiguity** [PP14]. **American** [FS10, HL14, LL13a, ZYL11]. **American-style** [HL14]. **AMF** [BGPPRW14, GPHAPR14]. **AMF-** [BGPPRW14]. **AMLI** [BMN10]. **among** [ZZ12]. **Ampère** [Nei14]. **analogue** [HCQ14, RT12]. **analyses** [NTPVNHLX14]. **Analysis** [ÁD15, BDD+10, BP13, BL11, CR12, CZZ14, CD11, DC11, GH14a, HLWM10, IO14b, Jeo10, KO13, KLM14, MVMG12, MFL13, MR13, RSK14, WZ11b, YZ11b, ZY11b, eMA14, AMÇ13, AM10c, AC14a, AMR13, AR11, AAD13, BNY14, BAdS+10, BAdS+12, BGLV11, BM12, Cao13, Car11, CLB11, CLW14, CL13b, CSC10, ÇDE14,

CC11c, CGS11, CF11, CRS12, CFL+14, DCG+14, DDV+11, FD13, FM11b, FM11a, FGO12, FRXY13, Gau10, GUBS13, GCC14, GCY13, Gre10, GH10b, HKL11, HP10, HNPX11, HXSF14, HL11, HGW12, HS12, Hua14b, HYY14, JJL11, JPX11, KS12a, Kho11, KAS13, Kro10, KS12b, LF10, Li11a, LSXZ11, LLL12, LHLC13, LZ13a, LZ12a, LZ10, LFY11, LvDtTB+13, dL14b, LO14b, MLZ14, MPS11, MJ14, OS10, PW12, PL10a, PTP10, RBK11, Ran14, RBD11, RBD14, RMTO11, RSGL14, Sez10, SRA10, SOL11].
analysis
[SR13, SS14e, TL13, TS12, TR11, VMMM10, WYY+12, WS13a, WW14, Wei11, WH12a, XL11, Xu11a, YWW10, YG14, YW10, ZH10a, yZ11c, ZY11a, ZBW11, ZCC+13, ZLW14a, ZC10c, ZTP14, ÁD14]. **Analytic** [LVCC13, CFF12, Fat11b, MZ14, PS14a, Ste10b, ZFY11]. **Analytical** [CFdAR11, FFM+11, KS12a, LTFL10, N'G10, Eba11, GXW14, KZ13, WA14, YFWH10].
Analytics [FdOdS12]. **Andersen** [TYCL14, Zha14c]. **angle** [FGEM10].
anisotropic
[ANS11, BFB14, Bir11, Cao14, HK14, LL10, SSW14, Sun14, Wil13, YY11, ZC10c].
annealing [AG10a]. **annuity** [LMG13].
annular [ABHMW11]. **Anonymous** [APS14]. **Ant** [GPVL10, SCRB+14].
antenna [ZDP+14]. **anti**
[HY11, lLfD10, SBM14, Spa12, WZ10b].
anti-counting [SBM14]. **anti-Gaussian** [Spa12]. **anti-periodic** [WZ10b].
anti-reflexive [HY11, lLfD10].
antireflective [DM12]. **any**
[FZ11, bJfCwH14]. **API** [SPC14]. **Apostol** [Pré10]. **apparent** [DL14a]. **Appell** [CL10c, CL11f, ÖY14, YNO10]. **Appl** [ÁD15, Asl10, BAdS+12, CDKN15, Dai11, DC10, DD14b, DS13c, Gün10, Kre11, LB10, LHL11, TSC10, XSV13, ZJ12, vDvFZ13].
applicability [AHK14b]. **applicable** [SB10]. **Application** [BGP14, CGS12, EDP14, FWBSBGA11, KKPV11, KWW11, LGMA13, NS10, NOS14, NR14b, PMC11, Ren10, SSW14, SBFC10, SH10, TKW12, AAM14, ASST10, AÖ11, AKT12, AKT14b, Bak10, BSZ13, BSKL12, CPP13, CR14, DH14, DJ10, GZ14a, GZ14b, Iid12, JGH+13, LF10, LvDtTB+13, MJ11, MHH+14, N'G10, Prz13, SLP11, UBSG12, VDG11, WDG+12, WHLC11, AY13, DGC+13].
application-specific [MHH+14].
Applications
[GR13, Gra11, ÁECS12, ABG11, BBP14, BDJ+11, BCM10, BHJ13, BJR+12, BLTW10, CG11b, CGRS11, DCG+14, FS12b, FB12, GW14a, HL10b, KT13, LLG14, LCI11, Ma10, Nai11, Nei14, NH10, PD13, PY10b, QLL11, RP11a, RWRS14, Ste10b, Van11a, XC14, YSZ11, YL11b, YSW13].
Applied [AGK+14, AMT11, ADG11, ABÇ+11, AR10b, GH14a, HVV11b, OCU11, Pit13, ZTL13, ZFH10]. **Applying** [BKV10, ILEE13]. **approach**
[ABG11, AÖY10, Bal14, BW14, BS13b, BDV10, BDR10, Bir11, BL13a, BKN+13, BNRZ12, BHPS12, CS12, CCS11, Che14b, CC11b, CL10c, DM10a, Dax10, DdS14, DDDSC14, DL14a, DN13, FN12, FJLL10, FM14, GK14, GG12, HM10, HHHS14, JKS13, KG14, Kho11, KS10b, KL11, KV12, Kuz14, LLG14, LZT13, LF11, LSXZ11, NF14, RP11a, RSS14, SK14, SRP+13, TKW12, Wan12b, XJ11, Yan13, YK14].
approaches [XCY12, Yua12]. **approximant** [IA13, PGGCGF12]. **approximants** [CBGVPP11, PGGCGF14]. **Approximate** [CP13b, JKS13, KF11, YFWH10, ZFY11, yZ11c, ADRM12, AHH13, BH11, BDSG10, BGL13, BL13a, FPGMG11, HHM12, HR12, LPLX10, MZ14, Prz10, RSS14, WL11b, Xie11, ZYC13]. **approximated** [DM12].
Approximating [EL11, EALA11, FS12b, Hu12, Nar14, XSH10, XH13, HS11a, YKL11].
Approximation [BB14a, BTSA14, CGM10, Dra10, DGW10, FGPP13, GR13, KP14c,

SS14b, AA12, Akt14a, AWF11, Ant11, BGIN13, BS13a, BBD+11, BDL11, BSJ14, BSV10, BDR11, BR14c, BP13, BM12, CGCG+13, Cao14, CW11b, Col13, CHZ10, CCZ12, CC12, DDV10, Dos14, Dra13, DLWZ14, DLP13, Fat13, Flo11, FV10, FN10, FSB10, Gat14, GY11, GSNA13, GG13b, HMA12, Hau10, HK14, HX13, HY11, JS10, JW12, Kho10, wKK12, KZ13, KL11, KLL11b, KLM14, KL10b, Lan12, LGMA13, LP12, Li14, LHC14, Lu11, Lu13b, MA13, MPS11, MU14, MV12a, MJ11, MD10b, MML11, NV11, NH10, NS14, Odi11, OA14, PRM11, Pré10, PL10c, Prz13, RST14, SSW14, San11, SBL12, Sla14, SS14c, SS14e, TW14, UM14, WWC14, WGZL14, WH10, WH13, YGHH14, ZZ11a, ZWM11, ZL13]. **Approximations** [FPP13, SWY14, AMPP11, Ain10, ÁD10a, AC14c, ACH11, BG10a, CL10b, CHH10, Dax10, GN11, HwK11, KSTW14, KSA14, KM10, Kuz13, LZ12a, MD10a, Naf14, Rie13, RVN13, SBGB10, VDG11, ZD11, ZLG12, dFGAN11]. **Arbitrary** [KSA14, BBKS10, CG11a, DMMP10, ESM13c, HMA12, Hu12, Lui10, PS11c, SSP13]. **Arbitrary-level** [KSA14]. **arc** [Nar14]. **Archimedean** [Nai11]. **Architecting** [FLKW14]. **architecture** [SP11]. **architectures** [DCG+14]. **arcs** [CHZ10, HwK11]. **area** [AV10a, LL10, RP11b]. **argument** [AAY10, Fuk11, Fuk12, Fuk13a]. **arguments** [LL13b, Wan10, WZL11, Wan12a]. **arid** [WDG+12]. **arising** [BM11a, GCH14, GKL12b, xLwCL10, LZL11a, MA13, MVMG12, SSF+11, YLD13]. **arithmetic** [AÖÖ14, CMR11b]. **arithmetics** [RP11a]. **Armijo** [Zho13]. **Arnoldi** [BHJ11, BJRS12, BNRZ12, CFJ+11, DJ10, GN14, WW10c]. **Arnoldi-based** [BHJ11]. **Arnoldi-extrapolation** [WW10c]. **arrangement** [SH12]. **arrangements** [WLZ11, WSJ14]. **arrays** [GMZ+10]. **arrivals** [YWW10]. **Arslan** [HV13]. **arteries** [CPP13, JMS10a]. **artificial** [ARF14, CRF14, GLH12]. **Asian** [DDV10, DPV10, FPP13, HS11b, Mar11]. **Aspects** [Gra11, HDL+13, LM12a]. **assess** [BDT+13]. **Assessing** [LWH+11]. **Assessment** [ZH10b]. **Asset** [JM12, HL14, LS10]. **assets** [LZ13e, RSK14]. **assignment** [YL14]. **assisted** [BPS12, KL12, LZWJ11, WCH11]. **associated** [ADGP11, ADLT13, BGVHN13, CLN14, CBGVPP11, DS10a, DHS11, HV11, HHZ11, HY11, Hua14b, dL14b, PMMS14, YGHH14, dAGR10]. **associative** [ZW11b]. **assortment** [KSK11]. **assumptions** [bJfCwH14]. **asymmetric** [LZT13, MB11]. **Asymptotic** [CC11c, DM10b, HGW13, Kuz13, LW14, LM13b, LP10b, Ste10a, Tan10, TS14, WX12, XhW11, AC14d, BV10, BCHL11, BK12, BE11, Che13a, yGZ13, KL14, LF11, Sch11, Tur12, ZyG14, Wan11c, WYO11]. **asymptotically** [CSY10, HZ11, KPW10, WZA10, XSH10, Xu11a]. **Asymptotics** [ADMF10, BCGMB10, KKK12, MGZ10, Par10]. **atmosphere** [MR10]. **atmospheres** [KCBA13]. **atmospheric** [BB10a, BB12b, FWBSBGA11, SH13a]. **atom** [MK10]. **atomic** [Ave10, CFGE10]. **atoms** [Bra14b, KS10a, TT14a]. **attacks** [Tez14]. **Attracting** [PR11]. **attractor** [YZ10b]. **augmentation** [Cao13]. **Augmented** [AD11b, BPS12, CZL14, CCS11, Che14b, CRF14, RMF11, ZHCW12]. **AUSM** [MDVB13]. **authentication** [NACLR12, SPLHCB14]. **Author** [Ano10a, Ano11a, Ano11b]. **authors** [BDR10]. **auto** [AMPP11]. **auto-regressive** [AMPP11]. **autocorrelation** [EI14]. **automated** [HTM14]. **Automatic** [GN14, RG12, EALA11, SL14a]. **autonomous** [KP14a]. **autoregressive** [BA10, ZWZ11]. **auxiliary** [DW10]. **average** [ADL+10b, CMR11b, Li14, PVP13].

averaging [CN10]. **AVF** [Cie14]. **avoid** [TKW12]. **axial** [Jia10, KFR13]. **axially** [LL10]. **Axis** [NMBG14, KL11, OG10]. **axisymmetric** [CAT13, KD10, Li11a].

B [ARV10a, ABIS10, BLR10, EGES14, GW14d, He12, MMS13, MJG14, OGM14, RG11, Woź14, XhW11, XH13]. **B-spline** [EGES14, MMS13, RG11, Woź14, XH13]. **B-splines** [ABIS10, BLR10, GW14d, He12, MJG14, OGM14, XhW11]. **backordering** [TNN10]. **backscattering** [HW12]. **Backward** [XLCC10, AØ14a, BT12, Che10, Fad10, FLLT10, GP10, LPDN13, MSG11, Wan11b, Xu11b, ZFM14, ZRW11]. **backward-in-time** [GP10]. **bacterial** [COW10]. **Bagley** [CK14a]. **balance** [AMT11, BB10a, LMW+11]. **balanced** [CBB13, HHM12, HGW13, PPG14, QW10, RZD14, YC11]. **BAM** [BV10, DL13, LF11]. **Banach** [But12, DW10, EGON10, EHRV13, GP12, pLjH10, jTW14, WZA10, WWL10, WSWD11, ZFG10, ZAWA13]. **band** [BGM10, DdS14, Gia12, GMZ+10, KA10]. **banded** [CV10a, KS13]. **Bandlimited** [Gro13]. **bandwidth** [Iid12]. **bankruptcy** [WZ11b]. **bar** [GRV11, JL11]. **barrier** [EGBS12, ESC14a, HS10b, Hui10, Jun13, LTZ10, LL11c, MT10c, MY13, TTB14]. **barriers** [Jun13, MS13c, Xu11b]. **barycentric** [BK14c]. **Barzilai** [XSW12]. **base** [LLG14]. **based** [ADA13, AHS14, AZ11, AA14b, ASST10, AMR13, AM11, AA14c, AKT12, AKT14b, ACH11, AuIK14, BKGMA10, BCM10, BCR11, BDMP13, BHJ11, BL14, CSL+11, Cai13, CCG+13a, CCS11, CR14, ÇDE14, CDKN14, CDKN15, CT11, CRF14, CN10, DDV+11, DBHV10, DS12a, DAE13, DKU14, EGBS12, EDAP10, EX14, FJLL10, FLHS+13, FV13, GW14d, GWKE14, GWX10, HWG10, HCQ14, HZ14, HL10a, HH13, HH14, HLFP14, HLF14, HL13b, HK13b, HwKB14, ILMS10, IHRA11, ISN10, JKS13, KKR11, KNR12, KWW11, KMG12, Kuz10, Kuz14, KS12c, Lam11, LMT13, LWH+11, LZ11, LSXZ11, LY13a, Liu11a, Liu12, LMG13, LZ13d, LP13, LG11, Lu11, LJ13, LXSC11, MS11a, MAK+14, MMP11, MD10a, MVC10, MA11, NY12, NMS10, Nei14, NTNBV14, PS11a, PWZ11, PS11b, PS14b, PHS14, PO11, PZ13, QYZZ14, RMF11, RYM+14, SCRB+14, SPLHCB14]. **based** [SL14a, SXZ11, SHZ10, SGG11, SH12, uIAAF14, Śmi11, SACS10, VBP+10, VL13, VB14, WLL+11, WSK+11, WLD14, Wih11, WSJ14, pWqSmZ14, XMSS11, XL12, YL11c, ZSK+11, ZY14a, ZY14b, ZTL13, ZZBX14, ZCX14, ZZ11b, ZLG12, Zim13, BM11a, DHSW14]. **Bases** [GJ13, PS11a, PS13, BLM11, BwKB+14, BGL13, DDM10, Woź13]. **basic** [MJ10a]. **basing** [Yan10b]. **basis** [AE11a, AM14a, AAD13, BLM11, BL10a, Boy10, CGCG+13, DS13b, FND10, GK14, JGK14, KG13, KS14b, LYD13, MMS13, MM11b, NRS10, NH13, SW10b, SWY13]. **Baskakov** [SAB14]. **basket** [DDV10, DPV10, KZ13, SH13b]. **batch** [WYY+12]. **Bauer** [SW12b]. **Baum** [MD10c]. **Bayesian** [DCGS13, LWH+11, NA11]. **BB** [HHL12]. **BCS** [ZZ12]. **be** [Kni10]. **beam** [AC14a, BS11b, CF11, HKO11, JWY14]. **BEC** [KHFC11]. **Beddington** [DF14]. **bee** [GLH12]. **behavior** [CCDS14, Ery13a, GZL14, LL14b, Pag10, Ste10a, Tan10, Wan11c, Wan13]. **behaviors** [yGZ13, ZyG14]. **behaviour** [DM10b]. **Bell** [GGH+14]. **belonging** [SS14b, SS14c]. **Beltrami** [Dou12]. **BEM** [CR12, HLSX11]. **Ben** [Ano10b]. **Bénard** [GD13]. **benchmark** [MKS12]. **bending** [LGM14]. **beneath** [BKMG11]. **benefits** [JWY11]. **Bermudan** [LLK14]. **Bernoulli** [BE11, GQ14b, Khr10, MM10, Pré10]. **Bernstein** [Beh14, HCQ14, LK13, Spe11, WL10d, YBD11]. **Berrut** [BDH11, Zha14b].

Bessel [Che13a, CA14, HS10c, Vel11, XXH14]. **best** [BISS10, GLH12, HwK11, Nie13b, Van10]. **Beta** [CZ14, FPG12, ÖÖA11, TT11]. **Better** [BLM11, DDG+13b]. **between** [AM10b, CDQ14, CFdAR11, DKU14, EY11, RSK14, RVPOR+11, Zha10a, ZY10, ZY11a, ZW11a]. **Bézier** [AHR14, ALM11, AM11, CYZ+11, DP10a, DP11, HCQ14, Hu12, HX13, Lu11, Lu13a, SR11, Spe11, WM12a, WZLP11, WL10d, HwK11, Lu14]. **Bézout** [Bel13]. **BFGS** [VL13]. **Bi** [Jia10, FGO11, Jia11]. **Bi-frames** [Jia10, Jia11]. **bi-infinite** [FGO11]. **biarcs** [BBK+14]. **bias** [MD13]. **bibliometric** [AB14]. **BiCG** [AS10a]. **BiCGStab** [Yeu14]. **BiCGStabt** [Yeu14]. **BiCR** [AS10a]. **bicriterion** [EC13]. **bidiagonalization** [NY14]. **bidirectional** [ZW11b]. **BIE** [Fat11b, MS13b, SSP13]. **Bifurcation** [Gre10, KAS13, AMÇ13, BSS13, CYJS14, CHRZ13, CGS13, CSZ11b, DL13, SLD13, WW11b]. **bifurcations** [BFG+14]. **big** [LW10a]. **biharmonic** [ALM11, Lam11, LLCL11, RCM+12, Seg12]. **bilateral** [YYL+10]. **bilevel** [CG10a, CG12, LCW10]. **bilinear** [Bay14, LZ12b, LY13a]. **Binary** [CCZ12, ARF14, EY11, SA14]. **Bingham** [DA10]. **binomial** [KPsQ11, MY13, TT14b, YE14]. **binomials** [Tyr10]. **bio** [COW10]. **bio-clogging** [COW10]. **biological** [ACF+14, JPX11, RSFS14]. **bioluminescence** [GCH14]. **biomagnetic** [TTSB14]. **biomedical** [KWXZ14]. **bioremediation** [COW10]. **Biorthogonal** [BGGG+11, Sid14, CCCM13, Lam11]. **biparametric** [DP14c, GK11]. **bipartite** [BFS14]. **biperiodic** [Tau13]. **Biquadratic** [YL11c, DCJ13a, WG10b]. **biquintic** [CW11a, CW12, CW14a]. **Birkhoff** [NBBKV10, CLLX11, DAE13, LCXL11, NTNBV14]. **Birkhoff-type** [DAE13]. **Birthday** [ARV10a, MYZ10]. **bisection** [HKK10, XMC11]. **bits** [Tez14]. **bivariate** [BGIN10, BK13, BSZ13, CDD12, GJ13, KG14, LC11, WZD10, ZL13, YG13]. **Black** [MKK14, CL11a]. **bladed** [ZTL13]. **blended** [YL11a]. **blending** [DS10a]. **blind** [FN12, SZJ12]. **Bloch** [Tau13, YLTB14]. **Block** [BHJ11, CZ12b, DMB10, FJP14, BMMR11, BY12, Beh14, BNY14, Bog14a, Cao13, CLS14, CV10a, DDDSC14, Dos14, DSY+11, HL13b, Kok11, KMG12, Liu11a, LCI11, MMS10, MZL14, NL10, QY10, SBGB10, WH12a, WH12b, WHL13, WL14a, WT14, ZYW14]. **block-circulant** [SBGB10]. **block-grid** [Dos14]. **blocked** [ZGZW10]. **blocks** [Bai13, CV10a]. **blood** [BDT+13, CPP13, JMS10a]. **blossoming** [AHSN13, ILMS10, LMT13]. **Blow** [AS10b, FDH10, ZLC10]. **Blow-up** [AS10b, FDH10, ZLC10]. **blowflies** [Alz10, CL11c, DN13]. **blur** [JMV13]. **Board** [Ano11c]. **body** [CDK10, MT14b, SSP13, SCRG12, WLL+11]. **Böhmer** [DS13a]. **Boltzmann** [BCD+10, HBE14]. **bonds** [EF14, ZYL11]. **bone** [FM11b, MP10b]. **Boolean** [LCN12, UÇD14, XCZ+11]. **boosted** [LMM+10b, MM11c]. **bootstrapping** [GS14, HHHS14]. **Borwein** [XSW12]. **bottled** [SCRB+14]. **bottled-products** [SCRB+14]. **bound** [AG10a, Che13b, DdS14, Gün10, LTW10, LLX14, Wan11d, YSQ11, Zha14b]. **bound-constrained** [DdS14]. **boundaries** [BDSG10, DDV+11, LDGY10]. **Boundary** [CLS12, Fat13, Gus14, MMMG10, NSZ10, Tar10, Wan10, XZ14, Zha11a, ADG11, AU14b, AM11, Bab10, BG11, BDL10, Bar11, BDSG10, BK10, BB14b, Cai10a, CDTV11, CS10, CZ12b, DHR12, Dea11, DM12, DR14b, Dou12, DJ14, Eba11, ESM13a, Fat11a, For10, GC11, Gen12, HWG10, HHH+13, HS10a, HBE14, HLFP14, HVV11b, HTH10,

IO14a, Jeo10, JX10, JJE13, JTV14, KLK13, KP11b, KLM14, Kur10, LL11a, LS11, LW13, LM12b, LZ12a, LL13b, LB11, LC10, MY11, MV14, MTJ11, ML10, Mui10, NS10, PTH10, PW12, PT12, PP10a, QZX+11, RG11, RE10, RU13, Rua13, RR10, SD10, SZ10, SZS11, SP11, Tau13, VS13b, VT14, WZ10b, qW11, Wan12a, WWG10, WZ10d, YC10, ZSD10, ZFG10, ZD10, ZZBX14, AGM12]. **boundary-layer** [VT14]. **boundary-value** [KP11b, SP11]. **bounded** [RRMD13, TYCL14, Uty10a]. **boundedness** [bJfCwH14, LM13b]. **bounds** [Ain10, FW10, HC14, KLNS11, LL11d, MA11, PS14a, PR12b, SL12, SP10, Yan10b]. **Boussinesq** [ZBW11]. **box** [KP11a, ZWG11]. **box-splines** [KP11a]. **brain** [LP10a, RPS+11, VBP+10]. **Bratu** [Moh13]. **break** [EDAP10]. **breakdown** [WYP10]. **breaking** [BSS13, HdJL+13, SKAM11]. **Bregman** [BL13b, KO13]. **bridge** [AHM13]. **brief** [NSZ10]. **Brownian** [ÁE10, ÁE11b, BB11a, VAZS13, YÖVAYOW14]. **Broyden** [CC13b]. **BS** [MS12]. **BSDEs** [FJ10, RE10]. **Bubble** [Bay14, DBHV10, Sta11, GGS12]. **bubbles** [DGC+13, Naf14]. **Buchberger** [WZD10]. **buckles** [WL11a]. **build** [DdS14]. **built** [KW10]. **built-in** [KW10]. **Burgers** [AF10, YK11, YK14]. **Burnside** [Qi14]. **BVMs** [BIT11]. **BVPs** [ABHMW11, FJ14]. **BWENO** [CCZ12].

C [SKK14]. **cable** [CLB11]. **Cahn** [ZYC13]. **Calculating** [YAKA11, BGRS12]. **calculation** [Hos11, WL11b]. **calculations** [Bra12, Bra14b, GKL12b, HJ11, HZ14]. **calculus** [MMF10]. **calibration** [BDMP13, GS14, LS10, MRAM10, MD10c]. **call** [FS10]. **CAM** [Wan11c, WYO11, BBD+11]. **Camassa** [CLS10, DI12, FiMO10, Mat10]. **can** [Kni10, Prz10, RKS+13]. **cancer** [GPVL10]. **canonical** [ZZG10, ZWG11]. **capable** [NO12]. **capillary** [AJK12, MS13c, PC12b]. **capital** [mZkPkL11]. **caps** [FTTT13]. **Caputo** [JD13]. **carbon** [SRA10]. **carbonation** [RMP+13]. **cardinal** [LD10]. **Carlitz** [LW14]. **Carlo** [GPVL10, KZ13, LM13a]. **carriage** [LGR11]. **carrier** [ZD10]. **Cartesian** [BP13]. **CAS** [RLGGGÁM14]. **Cascadic** [RS10b]. **case** [AKT12, DM10b, FKL10, LP10b, PC12b]. **cases** [CW14a]. **catastrophes** [BGS12]. **categorical** [PM11a]. **Cauchy** [ELA10, EL11, EALA11, KKPV11, LWY10, PM13, QXW10, RBD11, RBD14, WX10, Xio10, XZH14, ZMZ13, ZW10]. **Cauchy-type** [EALA11]. **caused** [DGI+10]. **cavitating** [Gas14a]. **cavitation** [LL11b]. **cavity** [DA14, DS11]. **CCA** [AHS14]. **CCR** [LJE+10]. **CDS** [GUO14, Nai11]. **cell** [AV10a, ADL+10b, CHMD14, Jeo10, RSGL14, Sun14, SS14e]. **cell-average** [ADL+10b]. **cell-centered** [RSGL14]. **cellular** [AAY10]. **cement** [KBKR14, VB14]. **cement-based** [VB14]. **Censored** [Hos11, Ism14, LWH+11]. **censoring** [AHAH11, ADA13, BP11a, Fer14, WSS14]. **centered** [HHLW14, RSGL14]. **centerless** [HV11]. **centers** [Bra12]. **central** [CBB13, Li12]. **centralities** [Rom11]. **centrality** [ABN10, CFdAR11]. **Centralized** [LNJ+10, LNB+12, NACLR12]. **certain** [AP14b, BGM10, Dra10, Dra13, Gat14, GSK11, LQSL11, SP10, Ste10b, WX12]. **certified** [GCC14]. **Ceságro** [AB11a]. **CEV** [LRZ14, TTB14]. **CG** [AK14d, DW11]. **CG1** [BKB14]. **CGSTAB** [TS10]. **chain** [HXSF14, SB10]. **challenges** [GKB10]. **Chandra** [El 11]. **Changeable** [SW10b, SWY13]. **changeover** [YTFP11]. **changes** [KBKR14, LS10, RMTO11]. **changing** [KC10, MY11, NV11, ZC10b]. **channel** [Gas14a, HL13a, PKH14, TTSB14]. **channelized** [GW14a]. **Chaotic**

[HL10c, MT14a, WC10]. **Chaotification** [XHZ12]. **characterisation** [Kro10]. **Characteristic** [HBE14, AÖÖ14, CFL+14, Fu10, HZ14, LSW11, WM12b]. **characteristic-based** [HZ14]. **characteristics** [BB11b, ORP14]. **Characterization** [Ant11, LS10, Ars11, Ars14, BCR13, CG11b, GRZP10, SCRB+14]. **characterization-based** [SCRB+14]. **characterize** [SK14]. **Characterizing** [BAdS+10, BAdS+12]. **Chebyshev** [AHSN13, AEG+11, BDD+10, Boy13, DDM10, KXH13, KHKM14, LD10, Mui10, Not14, OP12, SWY14, WC11, Zha10b]. **Chebyshev-like** [BDD+10]. **Checking** [LLW14]. **chemical** [BKN+13, DGI+10, WC10]. **chemistry** [GZ11]. **chemotaxis** [ABS11b, SSK+13]. **CHIMERE** [GVM+12]. **Chinese** [KS14a]. **Chirp** [TT14a]. **Chirp-wave** [TT14a]. **Chlodovsky** [TT11]. **Chlodowsky** [BTSA14]. **Cho** [SPLHCB14]. **Choice** [ZW14, BFLP12, HPR12, MT14b, PW13, PP14, ZFM14]. **choices** [CJY10]. **Cholesky** [FV13, Liu11a]. **choosing** [Wan12b]. **Christoffel** [Ste10a]. **chronic** [ÇDE14]. **cipher** [BNY14]. **circle** [CBGVPP10, CBGVPP11, GHM10, HV14]. **Circles** [Kim12]. **circulant** [SBGB10]. **circulants** [ENSCS12]. **circular** [HV11, HwK11, LDGY10, PAD10]. **circumferential** [AC14a]. **city** [GGAVRC14]. **claim** [AAK10, Sch14d, TT14b, ZY11a, ZwGhX14]. **claims** [CP13a, GW14c, LB14, hXZ11, ZZ13]. **clamped** [BySZZ13, BDyS14]. **class** [AM14a, ÁECS12, ADL+10b, AP14b, BH11, BSS14, CS12, CL11c, CR14, CM10d, DH11, DAE13, DXL10, DN13, Dom14, EZ14, FBB14, FP13a, FKL10, GW14b, GPS13, JY13, JTV14, KP14a, KC10, Li14, LL13b, LZ14b, LP13, LYD13, LY13b, pLjH10, Mah14, MJ10a, MA11, ML10, NLO13, OG10, PW12, PZ13, SS14b, SS14c, SS14d, SZ11, WCW10, WS13a, YL11a, YKL10, YD11, mZkPkL11, ZW12]. **classes** [Hua14a, JZ10]. **classical** [BR11a, CG11b, FPP12, HXSF14, KMLT10, MPS10, MBS10]. **classification** [LMM+10a, MVC10, MSP12, QTS14]. **classifiers** [ZTS11]. **Clenshaw** [Dom14]. **climate** [BBD+11, FLEa10]. **clinical** [GPVL10]. **clogging** [COW10]. **close** [KG12, SH12, WSJ14]. **close-packed** [SH12]. **close-packing** [KG12]. **Closed** [JR10b, SRWZ14, BC12, BG10b, FB12, MT12, Owa12]. **Closed-form** [SRWZ14, Owa12]. **closer** [Yan10b]. **closure** [CR14]. **cloud** [Bra14a]. **clustering** [FV13]. **CMARS** [ABÇ+11, YÖVAYOW14]. **CMMSE** [AVA13]. **CMMSE10** [GVM+12]. **coarse** [CDKN14, CDKN15, DZW14, XN14]. **coast** [MKK14]. **coastal** [WDG+12]. **coating** [KFR13]. **coaxial** [ZZC11]. **code** [AS12a]. **codes** [CGRLR11, GM14b]. **codifferential** [TBK14]. **codimension** [DD14b, DD14a]. **Coefficient** [MM10, CCG+13a, DY11, LD10, LPDN13, LBM12, Str12, VS13a, ZWZ11]. **coefficients** [BY14, BBD13, BVV10, CG12, CK11, DC10, DCZ10, DXL10, GG10, HKL11, KH10, LVCC13, MS13a, NF14, NV11, PVP13, SH11, YSW12, Zha10a]. **cognitive** [MHH+14]. **Cohen** [LF11]. **coherent** [GJCL11, dJP13, dJMPPC14]. **cohesive** [BDMP13]. **coincidence** [SR11, WZLP11]. **collections** [KS14b]. **collision** [GÖ14b]. **Collocation** [ASS12, AC14a, BB11c, Cai10a, CA12, CS14, CT11, CDJP13, DMR13, EDP14, FLHL14, GPHAM10, GPHAS14, IO14a, IR11, JM13, KH11, LZDW14, OMS10, PDP13, PT11a, PT11b, PT12, PT14, Pul14, RG11, RD10, WCW10, WZF11, WW14, YZ11b]. **colony** [GLH12, GPVL10, SCRB+14]. **colour** [RMTO11]. **combination** [Ger12, WUB10]. **combinations** [AMPR10]. **Combined** [LLS14, MHL11, BDR10, LJE+10, LYD13,

Sha14, SM14b, VdKPB10]. **combined-oriented** [LJE+10]. **Combining** [CWQ11, HR12, MR11]. **Comment** [Asl10, KRS11, NK10, TSC10]. **Comments** [ZJ12]. **Common** [Büy12, ĆRR+10, PD13, CKM14, HL10b, WL11b, XSH10]. **commutative** [KB11]. **Comonotonic** [VDG11]. **comonotonicity** [LMG13]. **comonotonicity-based** [LMG13]. **Comp** [BAdS+12]. **compact** [CCG13b, Cui10, Cui14b, DF12, DFH14, LLS14, Lia14, MZ14, PN11, PLN13, SBGB10, Wan11e]. **compactly** [CCCM13, CCH10]. **companion** [DDM11]. **company** [HD14]. **Comparative** [LT13]. **Comparison** [AM10b, BCM10, BL10b, GSK11, KL14, Li10, SH13a, WYP10, ZYC13, BGPPRW14, DD14b, DD14a, JK13, LEKT10, Mui10, NK10, PM11a, Seg12, yS05]. **Comparisons** [CDQ14, CPY10, LO14b]. **competing** [WSS14]. **competition** [AALMLM14, GLLM12, LZT13]. **competitive** [Emm11]. **complement** [Yan10b]. **complementarity** [CPY10, DH11, EK12, HCWsO13, KC11, LJCL11, RX10, SZ11, ZW12, ZY14b]. **complementary** [AW10]. **Complete** [KMS14, QGG10, Fuk13a, Fuk13b, HWG10, HD14, HHT12, LvDtTB+13, NMBG14, Qi14, RVPOR+11]. **completely** [AAK10]. **completeness** [MJG14]. **completion** [NGAZ11, ZC10a]. **Complex** [ASM13, AV10a, CRS12, DH14, DJ14, FV14, HC14, KS14c, LK13, MMX10, Rom11, TM11, WH12a, ZW11b]. **complex-valued** [ZW11b]. **Complexity** [PHS14, AÖÖ14, BKTY14, Dra10, EI14, SXZ11, SZJ12, YLD13]. **compliance** [FM11a]. **component** [ABN10, PGGCGF12, ZBZ10]. **Componentwise** [Hua14b]. **composite** [BHMW13, GH14b, HL10b, OAHR11, VB14, WDZ10]. **composites** [PSKA14]. **composition** [BDMR10, EO14, LZSL11]. **compound** [CP13a, CO13, GL10, LL11c, TT14b, hXZ11, ZYL10]. **Comprehensive** [HwKB14]. **compressed** [CSSX14a, CSSX14b]. **compressible** [BSKL12, FHPH+13, GKT10, GKT11, HJ11, HHM12, PKH14, XZ14]. **compression** [AMR13, LFWL14, WSK+11, YSZ11]. **compressive** [ZSK+11]. **comprising** [CH11]. **Comput** [ÁD15, Asl10, CDKN15, Dai11, DC10, DD14b, DS13c, Gün10, Kre11, LB10, LHL11, TSC10, XSV13, ZJ12, vDvFZ13]. **Computable** [Hu14]. **Computation** [BJR+12, GZ13, KXH13, PVP13, PR12b, SC10a, Xie12, BFG+14, CM10a, DZW14, DC11, Ehr11a, EDAP10, FGO11, Fuk11, Fuk12, Fuk13a, Fuk13b, Fuk13d, LCN12, LEVG14, Oou13, SST12, SC10d, WZ10c, qWhY11, WLH12, WH13, Win14, ZY11b]. **Computational** [AGK+14, AELH10, CM13, DST10, FHMZ10, GR12, HDL+13, LM12a, ORP14, SKKS12, TT14b, VAV11, WK10, AM10b, And10, BKTY14, BDT+13, BL11, DCG+14, EX14, FN12, FM11a, GCNL14, GKB10, GSGN11b, LM12b, LC10, NCCF+10, RRMD13, AVA13]. **Computations** [OP12, ADGP13, ÁD14, ÁD15, BG11, DR14c, FLHS+13, GH10a, GGS12, JY13, RVN13, SGG11]. **compute** [DL14a, VVV10, pWqSmZ14]. **computer** [DSL12, KL12, WCH11]. **computers** [DHSW14]. **Computing** [Bel13, BSV12, Ery14, Fer14, FV14, FS12a, HHH+13, KMG12, Liu12, LHF11, Tau13, Van10, ZH11, AMMS10, CKM14, Cin12, Cin14, Gia12, GQ14a, HHHS14, Hua14c, IA13, LHY10, LZ13c, MMSW13, NY14, PR12a, PS11b, PS14b, RB13, SS14d, SP11, WZ12, WW10c, WM12b, XCZ+11, Zho12, ZLG12, ZZG14]. **COMSOL** [YK11]. **concatenated** [HSY13]. **concentrated** [Cha11a]. **concentration** [RMP+13]. **concentration-dependent** [RMP+13]. **concentrations** [DGI+10]. **concept** [AJK12]. **concepts** [SL14b].

concerning [HD11]. **concomitants** [YG13, YG14]. **concrete** [RMP+13, VSB12, XSV12, XSV13]. **Condition** [SXZ11, AH12a, CLW14, CLN14, CXZ14, Fer11, FGO12, Gün10, KNY10, RE10, TA13, YC10, ZSD10, ZD10, ZZBX14]. **Conditional** [BEJ14, BK13]. **conditionally** [PS13]. **conditioned** [BNRZ12]. **Conditioning** [ADGP13, TKW12]. **Conditions** [WZLP11, ABCP14, AS10b, Bab10, BY11, BBB10, BDL10, BDSG10, BB14b, CDTV11, CR11b, Dea11, DM12, DR14b, HWG10, HBE14, HLFP14, HM11, KP11b, Kur10, LL11a, LB11, MT10b, MV14, NY12, NS10, PD13, RA10, SR11, SZ10, Sza10, Tar10, ZFG10, Zha11c]. **conducting** [ATS14, CR12]. **conduction** [LZ14a, MVMG12, SHZ12, Sza10, WJJ14]. **conduction-convection** [SHZ12]. **conductivity** [DS12b, DS13c, SRP+13]. **conductor** [MA13]. **conductor-like** [MA13]. **cone** [SL14b]. **cone-invexity** [SL14b]. **cones** [HHZ11]. **Conference** [SKS14, LBCL10]. **confidence** [Fer14]. **configuration** [BDT+13, MT14b]. **Configurations** [CG10b]. **confined** [XZ14]. **confluent** [LP10c]. **conformal** [HQR13, LDGY10]. **conforming** [CHX11, CW14b, FL10a, HKK10, HP10, LVD+14]. **congruential** [Wik10]. **conic** [CWQ11, Hu12, JLZZ10]. **conics** [CW13]. **conjecture** [HX14a]. **Conjugate** [HQR13, NY12, And10, And13, BKGMA10, BK14a, CXH09, HK12, JW12, JWW14, KNY10, LP13, SCFR14, SS14b, XSW12, YWL14, ZJ12, ZZG14]. **connected** [ABN10, LDGY10, Vit10, ZMZ13]. **connection** [CK11, FMP14, MBS10]. **connectivity** [ASG11]. **conservation** [AGJ13, BGP11, HK13a, KH11, Kuz14, MSZ13, SR13, YNO10]. **Conservative** [MM12b, NNO12, YMS10, BK14b, BI12, BGP14, GVM+12, IG12, RVDM10, ZBW11]. **conserved** [ZML14]. **conserving** [Mat10, RG12]. **considering** [SSW14]. **consistency** [Fad10, SLW14]. **consistent** [ADLS14, KW10, Zha14a]. **constancy** [WYO11]. **constant** [AAY10, AAY11, BDH11, ÇU14, GL10, KN10a, ZSD10, Zha14b]. **constants** [AC14c, PS14c]. **constitutive** [KP10a, LP10a]. **Constrained** [HX13, WL10d, AG10a, AG10b, CDV10, DdS14, EG11, Hu12, JW10b, KA14, Kuz12, LPGX10, Lu13a, MRS10, MPC10, MT14b, Owa12, Ren10, YSQ11]. **Constraint** [BM11a, ZS13, CDPP10, yP10b, SY11, TNN10, YGHH14]. **constraints** [AHR14, CPP11, HHX14, LZL11b, LQSL11, LLW14, Mol10, Naz11, PNCC10, QW10]. **Constructing** [CZ14, CGK10, ML13, ZCS11, ABIS10, KKK14, MJ10b, Ran14]. **Construction** [BCR13, BDR11, GZ14a, GZ14b, ILMS10, IJ14, JR10a, KPBN13, KPV14, LMT13, PP10b, Woź13, Woź14, YSZ11, CCCM13, CGS13, CM10c, DDG13a, EO14, HP13, LO14b, SA14]. **constructions** [Esc14b, LRT13]. **Constructive** [FO10]. **contact** [CF11, DKH+10, FM11b, FM11a, GPKV10, Gwi13, HKL11, JMS10b, Kok11, NRP13, QYZZ14, Ren10, SBFC10, WLL+11]. **contact-impact** [GPKV10]. **container** [HTM14]. **containing** [BSJ14]. **contest** [AALMLM14]. **context** [RVN13]. **contingent** [Sch14d]. **contingent-claim** [Sch14d]. **continuation** [BKV10, CCJC13, CFF12, GP12, JKS13, LG11, WC11, ZFY11, ZW12]. **Continuity** [Jun13, ZZ11a, CP13b, WZY+14]. **Continuous** [BY12, BÜ14, BM12, CSY10, CLW14, CL14a, EZ10, FJ10, GP12, LwCLW13, LYP13, MS13a, Min10, PS11c, PMMS14, Sch14d, Tan14b, WZL11, Wih11, Xu11b, YZ11b, Zha10a, ZM14, dO10]. **Continuous-time** [BY12, BÜ14, LwCLW13, Sch14d, dO10]. **continuum** [Mee12, MP10b]. **contour**

[DL14a]. **contraction** [JK10b]. **contractions** [KPW10]. **Contractivity** [PAJ10]. **contrast** [AU14a, WB10, Wil13]. **contrasts** [BG10a]. **contribution** [Mor10a]. **control** [AA14a, AØ14a, AK14a, AVMVMV10, AP14a, AB13, BBP14, BK14b, BCR11, BAdS$^+$10, BAdS$^+$12, CK13, CY11, CL11e, DR14a, EG11, Fu10, GPVL10, GY11, GPHAS14, HKO11, KFR13, KW11, LYD13, MX10, MMP11, PL11, RA10, SYK14, Tan14b, TW14, Uty10b, Uty10a, WK14, XCY10, XL11, YK11, YK14, ZSG$^+$14, ZTL13, Zhu14]. **control-type** [RA10]. **Controllability** [RHS11, AM10b, CD11, MZ14, Mön10]. **controlled** [NF14]. **controlling** [DM10a, YWW10]. **convection** [AK14a, ANS11, BS13a, BB11b, BKB14, CL11b, CGS11, Cui14b, ESV10, Fu10, GD13, GTS14, HS12, Jeo10, KMHM14, LE10, MS11a, SYK14, SHZ12, SBGB10, TY11, WZ10c, Wan11f, XL11]. **Convective** [KD10]. **Convergence** [ÁECS12, AD11b, BBMY11, BJ12, CA12, CLW14, DS12b, DS13c, FMP14, FPP14, GCC14, HP10, JW10a, JKV11, KPKK12, LZ12a, LZ10, LMYJ12, Lui10, MLZ14, PM11b, Sha14, TL13, Wei11, ZHCW12, ZY14b, ZC10c, AMMS10, AMMS12, AMMS14, AB11a, Akt14a, ÁD14, ÁD15, AR11, AEG$^+$11, AH12a, AH13, AK14d, BY11, BSS14, BBS14, BT12, CB13, CPP11, CHMT10b, CTV11, CTV13, Fer11, FGO12, GKLZ12, GSNA13, GSNDB14, GP12, Gwi13, HML14, HJS14, HXW11, JK10b, Jia12, JW10b, KH10, Kuz12, Lan12, LT11, LW11, MS13a, MNQ14, Mel10, MK11, PT11a, PS11c, PC12b, QCK10, RA10, Rie13, RT12, Sch11, SYİ11, SLP11, SSR10, WW14, Wik10, pYXPH10, Yan13, YZ10b, ZLW14a, Zho13, ZC13]. **Convergent** [FKL13, Bog11, CG13, GK11, bJfCwH14, LZI10, MRD13, Mir14, RK11, YPL10]. **Convex** [CCG12, BGRS12, BEJ14, CL11e, GWKE14, HHX14, LMCW10, LV14, LZ13c, LPLX10, LPGX10, LCW10, SY11, YWL14, ZC13]. **Convexity** [Zha11c, VCA14]. **Convolution** [OSR13, BGRS12, HLFP14, Kho10, LP10b, MR12]. **convolutional** [RST14]. **convolutions** [KLL11b]. **Cooperative** [GPO14]. **coordinate** [Car11, CDS10, ZTC14]. **coordinates** [DGG12, PRT10, RMTO11, ZD10]. **COPD** [ÇDE14]. **copolymer** [XZ14]. **copulas** [Nai11]. **cord** [WL11a]. **core** [SKAM11]. **corners** [AV10b]. **Cornu** [CC12, Lu13b, Nar14]. **corrected** [KG12, VS14]. **correction** [BL14, Jun13, KPKK12, Kuz12, fLyHZ10, RVDM10, SHZ12, WZ14]. **corrections** [ÁE10, XN14]. **corrector** [FF14, KKR11, LXY13, TLNE10]. **correlated** [GD10]. **correlation** [CW14c, DCGS13, LS14, VAZS13]. **correspondence** [ZW11a]. **Corrigendum** [ÁD15, BAdS$^+$12, Dai11, DD14b, Kre11, vDvFZ13]. **corrupted** [JWW14]. **cosine** [Boy11]. **cost** [DCG$^+$14]. **cost-effectiveness** [DCG$^+$14]. **costs** [AV12]. **Cotes** [LZY10, LWY10]. **Coulomb** [Bra12, HKL11, PTP10]. **countably** [WWG10]. **countercurrent** [EASS13]. **counterpart** [GGSP10]. **Counting** [UÇD14, SBM14]. **coupled** [AF10, AC14d, AK11, BBS14, CHX11, CW14b, CyY10, CyYwY11, FP13b, HLSX11, ILEE13, Jan14, KMD12, NRS10, Naf14, NTPVNHLX14, RK11, SB10, SRP$^+$13, WC10, Wan11d, YMB14, ZZ12, ZY11b, ZX10]. **Coupling** [FND10, CMR11a, KP14b, MDVB13, PDE$^+$13, SKAM11]. **coupon** [ZYL11]. **Cournot** [GLLM12]. **covered** [DS11]. **covolume** [YJ11]. **Cox** [WW12, XYW14]. **Coxeter** [BFS14]. **CP** [LG11]. **CQP** [ABÇ$^+$11]. **crack** [AC14a, MMMG10]. **cracks** [AV10b]. **Cramér** [Zhu14]. **cranes** [HTM14]. **Crank** [CS10, JK10c].

credibility [Pit13, ZZC10]. **credit** [ABÇ+11, FM14, Zhu14]. **criteria** [AK14b, BDMP13, Li10, LB09, LB10, LGZ10, MAK+14, ZCH10, ZTS11]. **criterion** [AEGB10, BFLP12, Cha11a, Gos11, Hu14, Rah14]. **Criterions** [LWZ+14]. **critical** [BL13a, CHRZ13, GD13, QLL11]. **cross** [AB10, FV10, HHM12, LdHA10]. **cross-grid** [AB10]. **cross-section** [HHM12]. **cross-validation** [LdHA10]. **Crouzeix** [BMN10]. **Cryptanalysis** [SPLHCB14, BKTY14]. **cryptographically** [SA14]. **cryptography** [AA14b]. **cryptosystem** [AK14c]. **crystals** [CvdMS12, FGEM10, Gia12, HHLW14]. **CSCS** [ZZ11b]. **CSCS-based** [ZZ11b]. **CSIE** [De 14]. **Cubature** [DS10a, GSV11, ML13]. **cube** [RP11b, XhW11]. **cubed** [YC11]. **cubed-sphere** [YC11]. **Cubic** [GW10, BGIN10, BBK+14, CHRZ13, DM10a, EK11, HHLW14, HwK11, JŽ11, wKK12, Koç11, KPR11, KRS11, MMS13, SR11, SH12, VCA14, WM12a, WZLP11, Zha10b]. **cubics** [Str11]. **CUDA** [SP11]. **cue** [LZSL11]. **curl** [BL10a]. **Currency** [LWN13]. **current** [CR12]. **Curtis** [Dom14]. **Curve** [CM10c, CSL+11, Flo11, Jia11, KPR11, LZ13b, LHF11, ZM13]. **curved** [AC14a]. **curves** [AHR14, AHM14, Alc14, BL13a, BR13, CW11b, CGS13, CZ14, CK14b, GM14b, HCQ14, Hu12, HX13, HwKB14, JR10b, JR14, Kır11, KLK13, Lu11, Lu13a, Lu14, Nie13b, PV10, RSS14, SF12, SR11, WZLP11, XH13, YWY+14]. **curvilinear** [LMCW10]. **customers** [WK10]. **cut** [WW10a]. **cutting** [KSK11]. **cycles** [CGS13, PR11]. **cyclic** [XSW12]. **cylinder** [BKMG11, GPKV10]. **cylinders** [Nie13a]. **cylindrical** [DGG12, MKD12, PAD10, PRT10]. **cytoplasmatic** [CHMD14].

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[YZ10b, AHLJ14, ADL+10a, Bab10, BG11, BSPD14, BY14, BCD+10, BKB14, BJ12, BHMW13, CZZ14, CPP13, CLP10, CDQ14, Col13, CvdMS12, DLG14, DDG+13b, FGEM10, GCY13, HKL11, JMS10a, JJE13, JMS10b, KSA14, LEKT10, LWXW12, Lia14, MS13b, NTPVNHLX14, OS10, PDE+13, PRT10, QYZZ14, QZX+11, Rah14, SBFC10, SSK+13, TY11, UBSG12, ZD10]. **DAEs** [GPHAM10, SL14a]. **Dai** [And10, XWW10]. **Dam** [EDAP10]. **damage** [LCCK13, MP10b]. **damage/repair** [MP10b]. **damped** [CYJS14, GM13, QC14, RTL14, Wan12b, YL14]. **damping** [HVV+11a, JK10c, fLyHZ10, Zha11b]. **Darbo** [AAM14]. **Darcy** [CHX11, CW14b, EZ10, LTX12, Naf14]. **Darcy-flux** [EZ10]. **data** [AB11b, AGT12, ÁAG+13, AC14c, BR13, CCG+13a, CD10, CGRS11, DDG+13b, FPP14, FZ11, GW12, GW14d, GPO14, IO14b, Ism14, Kho11, Kni10, KLK13, KL10b, LNB+12, MM10, MD10a, MM11c, Nie13a, PM11a, RBD11, RBD14, RVN13, SW10a, SGZ10, ZL13]. **data-sparse** [RVN13]. **databases** [PVM+14]. **dates** [CMR11b]. **Daubechies** [PM13]. **DC** [TBK14]. **DEA** [LJMG11]. **DEA-efficient** [LJMG11]. **deal** [RKS+13]. **DeAngelis** [DF14]. **death** [JWY11]. **debit** [Zhu14]. **deblurring** [XCQ14, ZZBX14]. **debt** [ÇU14]. **decay** [PJ12]. **decision** [AÖY10, FJLL10, KWW11]. **deck** [AHM13]. **decoding** [ZSK+11]. **decomposed** [GLWF13]. **decomposing** [Man11]. **Decomposition** [FLLT10, SB10, BR14a, BKN+13, BL13b, CY11, CFH14, Eba11, FV13, GNN11, HL13b, HK13b, KNR12, KR14, KMP14, LPLX10, LPGX10, MS11a, Mah14, MPS10, MMX10, PL10a, PAJ10, QW10, RK11, RSFS14, SLP11, Ste10b, SM10, SM14b, XN14, XCQ14, Yan10a, Zim13]. **decomposition-based** [HL13b]. **decompositions** [HR10]. **deconvolution**

[DM12, FN12, HLF14, MM11c, ZZBX14]. **decoupled** [CM12]. **decreasing** [Zha10b]. **dedicated** [LLG14, MYZ10]. **Dedication** [ARV10a]. **deductibles** [HW10]. **Default** [HD14, ABÇ+11, SH13b, YYL+10, Van11b]. **Defect** [AKT12, AKT14b, SHZ12]. **Defect-based** [AKT12, AKT14b]. **defect-correction** [SHZ12]. **defective** [FPG12, San11, yZ11c]. **defects** [CG10b]. **deferred** [BL14]. **defined** [DHS11, GCC14, Mia10]. **definite** [AGT13, BLTW10, CJ10, Che13b, EGST11, GT09, LHL11, PS13, ZZ12]. **definiteness** [LWZ+14]. **definition** [KAYS14]. **Deflated** [NL10, GZ13]. **deflation** [pWqSmZ14]. **deformation** [VBP+10]. **Degasperis** [MM12b]. **degenerate** [AST14, ABS11b, Cha11b, DY11, FDH10, FN10, Naz11, YP10a]. **degenerative** [CL14b]. **degraded** [JMV13]. **degree** [BC12, DDM11, FZ11, HMA12, Hu12, IA13, JJK+13, Kır11, KPV14, Lu13a, ML13, SW10b, SWY13, WL11b, WL10d]. **degrees** [PGGCGF14]. **Dehesa** [MYZ10]. **Delay** [HGW12, RBK11, AØ14a, AAY11, AMÇ13, Alz10, Bar11, CZ13, CCDS14, DBZ10, GXW14, GZL14, GU10, Gre10, Hua14a, KS12a, LF10, xLwCL10, LSXZ11, LB09, LW10b, LB10, LYZ11, MJ11, MN10, MFL13, NBZ13, PJ12, RHS11, SI11, SLD13, Tan10, WWL10, WWG10, WM12b, YZ11b, ZCH10, Zha11b]. **Delay-dependent** [HGW12]. **delay-differential** [SLD13]. **delay-induced** [Gre10]. **delay-partitioning** [LSXZ11]. **delayed** [CYJS14, CP13a, GW14c, HLWM10, LSXZ11, LWZ13, RRMD13, WF10, WZ10a, WW11b, hXZ11, ZZ13]. **delayed-claims** [GW14c]. **delays** [BV10, CL11c, DL13, DF14, FFM+11, GLHCLP11, LF11, RBK11, Wan11c, WYO11, Wei11, XJ11]. **Delta** [AH14b, BSJ14]. **demand** [HD13, Wu10]. **demands** [SJA12]. **Demiclosed** [pYXPH10]. **demicontractive** [CM10a]. **dendritic** [Dou12]. **denoising** [Bir11, PY10a, YSZ11]. **denominator** [IA13]. **dense** [FV10, KG12, Rum13a, Rum13b, TA13]. **density** [GA12, MK10, ZZ13]. **dependence** [BG13, BDMR10, BKV10, DLSV14, Nai11, Zha10a, ZY10, ZY11a, Zha14c]. **dependent** [BY12, BAK11, BSJ14, CR12, CGS11, DS14, DBZ10, EGES14, EGON10, GS14, HWG10, HKL11, HL10a, HL11, HGW12, JJL11, JW10a, KR14, KT13, LD10, LPDN13, LB14, MJ11, MSZ13, NPTH09, PPG14, PR12b, RMP+13, RBK11, Sch14a, Sch14b, SYK14, SOL11, TSC10, TR11, WF10, Wan11c, WYO11, YY11, YLS12, YF14, mZkPkL11, ZD11, ZwGhX14, dAGR10]. **depending** [WLZ14]. **deposition** [BKN+13]. **depth** [DI12]. **dequantization** [HM10]. **Derivation** [GLHCLPN10]. **Derivative** [CFH14, CXH09, CN11, CHMT13, GP12, JM12, JGH+13, KAYS14, LLS14, NBZ13, PFLZ11, WLZ14, YPL10, ZJ12]. **derivative-free** [CXH09, CHMT13, NBZ13, PFLZ11, YPL10, ZJ12]. **Derivative-optimized** [CFH14]. **derivatives** [BDD+10, CW11b, CCH12, DFG+10, Dos14, GSNA13, HS11a, HMA12, JD13, MX10, NÖ10, Xie12]. **Deriving** [YY11]. **descending** [MS12]. **descent** [LZ11, NY12, DW11]. **describe** [BBP14]. **describing** [FHPH+13, PC12b]. **description** [KSRM12]. **descriptions** [DDV+11]. **Design** [DKU14, AY13, GU10, LV14, Pro12, Prz13, RMTO11, ZBZ10, ZGZB13]. **detect** [MD10a]. **Detecting** [AHM14, AGT12, LM12a]. **Detection** [GST12, Alc14, BR13, CRS12, KBKR14, Wri10, ZZP13]. **deteriorating** [GU10]. **determinant** [Cin12, Cin14]. **determinantal** [CL10c]. **Determination** [CM10b, HTLI14, VS13a, ZSD10, MSW14]. **Determining** [CGRLR11]. **Deterministic** [Rie13]. **deTestSet** [MCS12]. **detrended**

[BAdS$^+$10, BAdS$^+$12]. **Development** [Bak10, GWKE14, Li11b, MHH$^+$14, SKK14]. **deviating** [LL13b, Wan10, Wan12a]. **deviation** [Liu11c, PP14]. **deviations** [Sez10]. **Dew** [BSS13]. **DFLU** [AGJ13]. **DFT** [OS10]. **DG** [SKK14, XL11, ZL10]. **DG2** [BKB14]. **DGFEM** [FHPH$^+$13, RW10]. **DGTD** [LVD$^+$14]. **diagonal** [Büy12, KR10, PZJ12]. **diagonalization** [ISN10]. **diagonally** [DP14a, GS12, McN10]. **diagrams** [AHSN13]. **dielectric** [CDK10]. **dielectrics** [CC13c]. **diffeomorphisms** [JY13]. **difference** [AV10a, AGT12, AWF11, ADLS14, Bak10, BGLV11, BJ12, BB12a, BK12, CZWD14, CCDS14, CXL10, CL11a, CWY11, CGL10, CR11a, CET14, CID10, DLG14, DXL10, DF12, DFH14, FDD10, FD13, FJ14, FKL13, FWBSBGA11, For10, GS10, GUBS13, GN11, GSGN11a, GSNA13, GWZ11, HMA12, HMVPAR11, Hu14, HS12, KH10, Lak13, LLS14, lLzS11, Lia14, LGZ10, MV12b, MM12b, NNO12, Obe13, PRT10, PMC11, SKN11, UBSG12, Wan11a, Wan11f, Wan11d, WC14, Yar10, ZBW11, ZTC14, ZD10, ZWZ11]. **difference/control** [ZTC14]. **Differences** [SPC14, AS12a, BB11a]. **different** [GI10]. **differentiability** [NRP13, dO10]. **differentiable** [Ant11, FFM$^+$11]. **Differential** [Ali11b, BNY14, LP10a, AØ14a, AAY11, AMÇ13, AM11, AC14b, BY11, Bak10, BS11a, BSS14, Bar11, BT12, Beh14, BGL13, BP12, BSS13, BJ14, BR11b, CK13, CZ13, CA12, Cas10, CY11, CZ12b, CC14b, DS12a, DO12, DXL10, DZZ14, ESM13a, EZ14, EDP14, FID11, FKL13, FFM$^+$11, FLLT10, FYM10, GXW14, GH14a, GP11, GAS14b, GPHAS14, HHHS14, HGW13, HXSF14, HGW12, Hua12, Hua14a, JM11, JM13, JD13, KS12a, KG13, KKN11, KA12, KLNS11, KSLD11, KB11, KB12, KB13, LD10, LSD11, LM12a, Lan10, LLS14, LF10, LS11, LXY13, LVCC13, LTFL10, LLSW11, LM14, LB09, LW10b, LB10, LYZ11, LJ12, LM13b, LL13b, LHL13, MLZ14, MSG11, MS13a, MJ11, MN10, MFL13, MR13, NS10, NOS14, NBZ13, NÖ10, Odi11, OAHR11, ÖY14, PJ12, PT11a, PT11b, PT12, PT14, PWZ11, Pul14]. **differential** [RHS11, SH10, SC10b, uIAAF14, Sla14, SZS11, Ste10b, SP11, SLD13, TM11, Tan10, Tar10, Tez14, TS12, TS14, VS14, Wan10, WZS10, WZ10b, WWL10, WL10a, Wan11e, Wan11c, WYO11, WZL11, Wan12a, WLZ14, WWG10, WM12b, WT14, Xu11b, YKL10, YW10, ZAT11, ZFG10, Zha11a, ZAWA13, ZF14, ZC10b, ZRW11, ZW14]. **differential-algebraic** [BY11, BS11a, BSS14, BSS13, CK13, GPHAS14, LM14, NOS14, VS14]. **differentially** [HL13a]. **differentials** [Ali11b]. **Differentiation** [yLGP11, AA14c, BBD13, MY14, RMR11, SL14a, WW10b, ZCC$^+$13]. **diffraction** [BDL10, DC10, DCZ10]. **diffuse** [PHA14]. **diffuse-interface** [PHA14]. **diffusion** [AK14a, ANS11, AD10b, APW14b, BM10, BV10, BS13a, Bay14, BS13b, BFB14, BSZ13, BKB14, BR11b, CP13a, CHMD14, CL11b, CGL10, CGS11, CG13, CLMR14, Cui14b, DV13, Dra13, DLP13, ESV10, FYA$^+$14, FdOS12, Fu10, GZ11, GN11, GPHAPR14, HMS11, HMVPAR11, HGW13, HL14, HS12, JS10, Jeo10, JWY11, KMHM14, KPsQ11, KR14, LP12, LCZ11, LWZ13, LJ11, MS11a, MPS11, Pop10, PMC11, RK11, RRMD13, SYK14, Sto11b, SBGB10, TTB14, TY11, TR11, VS13a, VS13b, VS14, WZ10c, WZ10a, Wan11f, WD14, XL11, XGL12, XZH14, ZC10c, ZLC10]. **diffusion-chemistry** [GZ11]. **diffusion-convection** [Wan11f]. **diffusion-convection-reaction** [AK14a, ANS11, SYK14]. **diffusion-reaction** [GPHAPR14, RRMD13]. **diffusion-wave** [Sto11b]. **diffusions** [LM13a]. **dilation** [CG11a, GPS13].

Dimension [KL10b, BF10, Kho10, LZ14a, SF12]. **Dimension-splitting** [KL10b]. **dimensional** [APO14, ABS11a, AE11a, AM14a, AAD13, AuIK14, BMMR11, BDSG10, BDL11, BSJ14, BL11, CYJ13, Cha11a, CSZ11a, CGM10, CK14b, CGK10, CyY10, Cui14a, DA10, DD11, DKH$^+$10, Dou12, EASS13, Fat11a, Fat11b, Fat13, FKL13, GH10a, GW10, Gas14a, GMRK14, HdJL$^+$13, HTH10, HS12, HHLW14, JW10a, JV10, KSK11, KSLD11, KHFC11, LWZ13, MD10b, Moh13, NLO13, NRP13, NMBG14, PR12a, PC12b, Sch14c, SC10a, SWY14, SLK14, WZ10c, WG10b, WLL$^+$11, ZML14, ZTC11, ZTC14]. **dimensionality** [WWW14]. **Dimensions** [BwKB$^+$14, DCJ13a, BOR14, Bra14b, CC11a, GJ13, GZ14a, GZ14b, LC11]. **DIMSIMs** [IJ14]. **Dirac** [MRD13]. **Direct** [AHH13, SMMD11, BHPS12, Cai13, CV10a, ESM13b, KMD12, MMF10, MM11a]. **directed** [Rum13b]. **Direction** [Cui10, Bog14b, CC14a, ZBC13]. **directional** [BISS10, EY10, vGALL10]. **directions** [NY12]. **Dirichlet** [CDKN15, CDKN14, FPP14, SSP12, Sun14]. **Dirichlet-to-Neumann** [CDKN15, CDKN14]. **Dirichlet/Robin** [Sun14]. **DIRK** [Ran14]. **disaggregation** [PM11b]. **disc** [FMP14]. **discharges** [VMAVGCM13]. **discontinuities** [MD10a, Rua13]. **discontinuity** [AGT12, BR13, Wri10]. **Discontinuous** [KSTW14, Sta11, AJK12, BFDP13, BY14, CMR11a, CC13c, CN10, DL12, ESV10, EJ10, FL10a, Gia12, Gia14, GH14b, GG10, HX14b, JWY14, Kuz10, LM13a, Li11b, LMY11, LMYJ12, Mar11, MA14b, MWWY14, MJ14, MR13, SW12a, Sch14c, Wan11a, YJ11]. **discount** [HW10]. **discounted** [hBW10, CGW14, GW14c, hXZ11, ZwGhX14]. **Discrepancy** [BB14a]. **Discrete** [Min10, WZF11, AMV13, ASST10, AH14b, AAD14, BAK11, BS10a, BCM10, hBW10, BISS10, BK13, BHJ11, BM12, BGKVW10, CW11a, CW12, CGW14, CW14a, DS10a, DR14c, Ery13a, Gos11, GWKE14, GG13b, HS10a, HR10, HR12, JS10, Jun13, KKPV11, KP14c, LB14, Ma10, MRD13, MT10c, MRS10, Nei14, PR12a, PC12b, RT12, SLW14, SJA12, SKAM11, Sza10, TYCL14, WZ12, Wan13, WL14b, YZ10a, YLS12]. **Discrete-time** [WZF11, BHJ11, LB14]. **discretization** [AK14a, AK11, BS13c, CAT13, DD11, JR10a, KMLT10, NTNBV14, PSRV10, RMP$^+$13, SYK14, SHZ12, SCDA10, Spr14, VVD$^+$14]. **discretizations** [BB10b, FD13, MSG11, MMP11, RCM$^+$12, WS13b]. **discretized** [CK14a, DMR13, SI11, WHL13]. **disease** [ÇDE14, Ven10]. **disjoint** [JKV11]. **Disk** [BSV10, BC12, BSV12, DKU14, OCU11, WW11a]. **disks** [ZTL13]. **dispatch** [BSBA14]. **Dispersion** [GPKV10, HML14, Lia14, MD13, WZMC11, WC14, ZD14, ZW10]. **dispersions** [HHP$^+$10]. **dispersive** [ÁD11a, BKL14, DLG14, MOG10]. **displacement** [BySZZ13, BDyS14]. **Dissecting** [KDG$^+$13]. **dissipation** [BBKS10, CM10b]. **dissipative** [BG11, HLM10, MF14]. **Dissipativity** [LW10b, Hua14a]. **distance** [FS12b, SC10d, WGZL14]. **distances** [EY11]. **Distributed** [SYK14, AB11b, BV10, Mau10, PVM$^+$14, ZH11, ZZG14]. **distribution** [AHAH11, ADA13, Ars11, Ars14, GSK11, Ism14, KKK12, LQYL11, LCN12, MD13, MRAM10, MKK14, Nad11, NACLR12, OB14, PP14, PR12b, SCRB$^+$14, Tor14, WS13a, WSS14, YG13, YG14]. **distributional** [LA11]. **distributions** [AAK10, AKA14, AELH10, ABN10, BK13, Col13, Ery13b, IR11, Isl14, Tur12, XCZ$^+$11, YE14]. **div** [KP14c]. **div-rot** [KP14c]. **divergence** [HP13, PM11a]. **divergence-free** [HP13]. **diversification**

[RSK14]. **divided** [BB11a, GSGN11a, GSNA13]. **dividend** [CP13a, GL10, LL11c, TYCL14, YSW13, Zha14c, Zhu14, ZwGhX14]. **dividends** [CGW14, WZ11b]. **divisibility** [GM14b]. **divisions** [EK12]. **divisor** [CKM14, WL11b]. **divisors** [RSS14]. **DLASQ** [AMMS10]. **DNA** [ÁECS12]. **DNS** [YESD14]. **do** [AMPR10]. **doi** [DC10]. **Domain** [BHMW13, Spr14, SM14b, XCQ14, BG11, BKN+13, BFP11, CDTV11, CR12, CY11, CHH10, CvdMS12, DDV+11, FL10a, KR14, KMP14, MS11a, Man11, PAJ10, RK11, SLP11, SM10, TKW12, XN14, XW12, Yan10a, ZFY11]. **domain-decomposing** [Man11]. **domains** [ABHMW11, AV10a, AV10b, AD11b, AAD13, DMB10, GPZ10, JKV11, Li11a, Lui10, LDGY10, MNQ14, SSP12, SWY14, SSR10, Uty10a, ZAWA13]. **dominant** [MV12a, McN10, SMD14]. **dominated** [Jeo10, SRP+13]. **Donoho** [Gos11]. **double** [BG10a, EJJ11, Fuk11, Fuk12, Fuk13a, GRV11, HZR14, KA10, MHL11, MT10c]. **double-band** [KA10]. **double-bar** [GRV11]. **doubling** [GG14, xLwCL10, LwCLW13, WLD14]. **Doubly** [KW10, Liu14a]. **down** [WSK+11]. **down-sampling** [WSK+11]. **downdating** [Liu11a]. **dqds** [AMMS14]. **DR** [NLL13]. **Drazin** [CID10, LCI11, MMSW13, YL11b]. **Drazin-inverse** [MMSW13]. **DRBEM** [ATS14, GTS14]. **drift** [BT12, VAZS13]. **driven** [AG10a, Lan12, RE10, Sch14c]. **Droplet** [GGS12]. **drops** [BSS13]. **Drucker** [PTP10]. **drug** [FdOdS12]. **DSS** [KS14a]. **DSSY** [PSS13]. **DtN** [BDSG10, HNPX11]. **Dual** [Yua12, BFP11, Che14b, CSSX14a, CSSX14b, CLS10, CFdAR11, FO10, Hui10, KMLT10, Lam14, LL11b, LL11d, SKAM11, WL10d, Woź13, Woź14, ZZG10, ZWG11, Zie14]. **dual-core** [SKAM11]. **dual-parametric** [LL11b]. **duality** [GD14, PY10a, SL14b]. **duals** [Gro13]. **ductile** [VB14]. **ducts** [HHM12]. **due** [Cha11a]. **Duffing** [DBZ10]. **Dunkl** [CG11b, CV10b]. **Dunkl-classical** [CG11b]. **dyadic** [CGS12]. **Dynamic** [APW14b, EX14, AZ11, BBS14, BAAS11, BGLV11, BHBP10, CFL+14, GZL14, GUBS13, LH11a, MKK14, NTPVNHLX14, NA11, PC12b, Ren10, WHLC11, WX12, WL14b, Zha11b]. **Dynamical** [GH10b, AMV13, AG10b, AP10, BGS12, BHJ13, BDMR10, BGKVW10, FHPH+13, FGO11, LL14b, Naz11, Sch14c, SDK10, VS13b]. **Dynamically** [ADLS14, FDD10, SW12a]. **Dynamics** [GHR10, Reb12, SI11, AA14c, BFB14, BB10a, DGC+13, HBE14, HLWM10, SC10a].

each [Miy12]. **ear** [ILEE13]. **earth** [MR10]. **earth-atmosphere** [MR10]. **eccentric** [ASG11]. **Ecoepidemic** [Ven10]. **Economic** [GR12, GU10, AA14c, BSBA14, GLLM12]. **economies** [BOR+12]. **eddy** [CR12, GJCL11, WCZ11, FDD10]. **EDEM** [ABHMW11]. **edge** [BFS14, YAKA11]. **edge-bipartite** [BFS14]. **Editor** [KN10b]. **Editorial** [Ano11c]. **EEG** [Che14a, DCGS13]. **effect** [BSBA14, HD13, Ku13, Mee12, OB14, Vel10]. **Effective** [HP13, CPY10]. **effectiveness** [DCG+14]. **effects** [BKMG11, IO14b, KS10a, LGR11, NPTH09, PC12b, TSC10, XZ14]. **Efficiency** [DAH11, GSGN11b, Kho11]. **Efficient** [Alc14, BG11, CÖ11a, DSL12, Dra13, GCNL14, GGLR10, GÖ14a, HLM10, KX13, KB11, KZ13, KH13, LLK14, LM12b, LM14, LdHA10, MT13, NRS10, SSP12, SW12a, TTB14, XXH14, AAK10, AS12b, AEG+11, Bal14, BJ14, BIT11, CC14b, Chu10, CwYyY11, DLG14, DDV+11, Dha14, EDAP10, FN12, GSM11, GPHAM10, Har11, KKR11, KSLD11, lLzS11, LJMG11, LC10, MX10, NR14a, pWqSmZ14, LJMG11]. **Efficiently** [HS10b]. **EFG** [GCY13].

eigendata [ZBC13]. **Eigenfunction** [BHMW13]. **eigenpair** [Xie12]. **eigenparameter** [BAK11]. **eigenparameter-dependent** [BAK11]. **eigenproblem** [HY11, XLCC10, YGHH14]. **eigenproblems** [CLN14, DJ10, KDG+13]. **eigensensitivity** [yZ11c]. **eigensolution** [KF11]. **eigenspace** [MV12a, Nau11]. **eigenstructure** [CL13b, YL14]. **Eigenvalue** [Bai13, HHLW14, RVN13, WL14a, AMMS12, AM14b, BN14, CL11d, CL13b, DJ10, HDT11, ISN10, JWL13, xLwCL10, lLfD10, LZI10, MY11, MVV14, Miy10a, Miy12, Nau11, NL10, OA14, PN11, PLN13, QT13, QC14, QW10, QY10, SBCD10, SG12, TL13, WTM12, YD11, ZBC13]. **eigenvalues** [BGM10, BCC+13, Che13b, CL13a, CM10d, FV14, Liu12, Miy10a, RB13, ZZ12]. **eigenvector** [Rom11]. **eigenvector-like** [Rom11]. **eigenvectors** [KMG12]. **eigenvibrations** [BG10a]. **eighth** [CHMT10b, CTV11, WL10b]. **eighth-order** [CTV11, WL10b]. **eKdVB** [TA10]. **Elastic** [AC14a, BDL10, GPKV10, GST12, ILEE13, Mön10, OS10, WL11a]. **elasticity** [CRM10, Fat11a, Fat13, KL10a, Lam14, LL11b, LZ12b, LL10, NSZ10, Vel10, YC10]. **elastodynamic** [BFP11, VVD+14]. **elastodynamics** [YY11]. **Elastoplastic** [ZTP14]. **elastostatic** [HKL11]. **elastostatics** [Gwi13, LHLC13]. **electric** [JS10, Vel10]. **electrical** [GKL+12a, HHT12, ZDP+14]. **electricity** [HT14]. **electrode** [HHT12]. **electrodeposition** [SBL12]. **electrodynamics** [DHR12]. **electroencephalogram** [Che14a]. **electromagnetic** [Bab10, BB10b, CDK10, DS11, GH10a, Jan14, LVD+14, SW12a, VVD+14, ZSD10]. **electromagnetics** [AC14d, CHH10, FL10a, PS10]. **electromechanical** [PSKA14]. **electromigration** [NS14]. **electron** [GPVL10, TT14a]. **Electrostatic** [HW12]. **Electrostatics** [Bra14a]. **Element** [MNQ14, SKS14, AMT11, ADG11, Ain10, AR10b, AD11b, BCM10, BW14, BS13a, Bay14, BB11b, BG14a, BFP11, Bra12, Bra14b, BySZZ13, BGP14, CHL11, Cao14, CM13, CC11a, CL10b, CHX11, CL11b, CL11e, CW14b, CvdMS12, DV13, DHR12, DGG12, DDG13a, Dek10, DGC+13, DJ14, DLP13, DS12b, DS13c, FKNS11, FRB13, FPGMG11, FLHS+13, Fu10, FLKW14, GW14a, GK14, GW10, GW14b, GPZ10, GY11, GMRK14, GWKE14, GH10b, GZ14a, GZ14b, GKT10, GKT11, HL10a, HJS14, HK11, Jeo10, JL11, JM11, JW10a, JKS10, JJE13, KL10a, KS14d, KP14c, KP10b, KS12b, Lam11, Lam14, LVD+14, Li11a, LL11a, LGM14, LL11b, LLSW11, LZ12a, LLX14, LXSC11, MLZ14, MHL11, MSP12, Nei14, NTRNXB10, NV11, NS14, OS10, OA14, PSS13, PHA14, PL10a, PTSK13, QZX+11, RMP+13, RWRS14, RR10, SSR10, SACS10, SG12, SSK+13]. **element** [SRP+13, SM14b, SS14e, SLK14, TCD11, TR11, TKW12, TTSB14, VMS12, VdKPB10, VS14, WG10b, WLL+11, Wan13, WY13, WMGM14, WRS14, XCY10, YC10, YL11c, Yua12, pZxY12, ZC10c, ZD11, ZLC11, ZX10, dAGR10, dFGAN11]. **element-global** [SRP+13]. **element/level** [DGC+13]. **elementary** [Cin12, Cin14]. **Elements** [HP10, AB10, AM14b, BL10a, CRM10, Dou12, FGPP13, JJE13, LZ12b, MA14a, Mön10, NRP13, RW14, Rua13, Tau13]. **elimination** [ADGP11, ADGP12]. **ellipse** [MT10b]. **ellipsoidal** [fLxX12]. **Elliptic** [CN11, Ali11a, AD11b, BG14a, Bog14a, CZZ14, CY11, CMR11a, DS13a, Dek10, Fuk11, Fuk12, Fuk13a, Fuk13b, Fuk13c, GW10, GY11, JKV11, Kır11, Kur10, LY13a, LMY11, LMYJ12, Min10, MJ14, PTH10, SSP12, SG12, TCD11, WY13, XZW14, YJ11, pZxY12, Zho11b]. **elliptical** [KH13]. **ellipticity** [BB10a, CXZ14]. **embedded**

[PR10, Sch14a, Sch14b]. **embedding** [CL13a, Kır11, SC10b]. **embeddings** [Wih11]. **EMC** [ZDP+14]. **empirical** [CFH14, HK13b, MD13, Wik10]. **enclosure** [KN10a, Miy10a, Miy10b, Miy12]. **enclosures** [GTS14]. **encryption** [AHS14]. **end** [CS14, HS11a]. **end-point** [CS14, HS11a]. **Endpoint** [Boy13]. **endpoints** [Ste10a]. **energetic** [ADG11]. **Energy** [BCMR12, ZML14, AHR14, BFGP10, CG11a, CDV10, FLHS+13, GD10, HM10, JŽ11, RG12, RBD11, RBD14, SCFR14]. **energy-based** [FLHS+13]. **Energy-conserved** [ZML14]. **energy-like** [RBD11, RBD14]. **energy-momentum** [RG12]. **Energy-preserving** [BCMR12]. **enforcing** [Kuz14]. **Engineering** [AVA13, GR12, SKS14, VAV11]. **Engquist** [Wan11a]. **Enhanced** [VBP+10, BSKL12, BL14, LNJ+10, SCRG12, Zim13]. **enhancement** [Dou12, LA10]. **enriched** [Naf14]. **Ensemble** [GW14a, HV11]. **enterprise** [LLL12]. **entries** [KR10]. **Entropy** [LQYL11, AO14b, ADMF10, BNY14, JPX11, TLNE10]. **envelopment** [Kho11]. **environment** [PTSK13, ZZC11]. **environmental** [VMAVGCM13]. **environments** [AÖY10, NACLR12]. **epidemic** [AELH10, SI11]. **epidemiological** [ADLS14]. **epidemiology** [KAS13]. **Equal** [Naf14, RP11b, Ros11]. **equalities** [ZH10c]. **equality** [AG10b, QH10]. **equation** [ABS11a, AV10a, AMÇ13, AU14a, AT10, AS12b, AM11, Asl10, Ass09, AK11, BPS12, BG11, BGGG+11, BGL13, BSS13, BKV10, Cai10b, CCG13b, CL11a, CK14a, CCJC13, CLB11, CWY11, CL14a, CLS10, CN11, CR11a, Cui10, Cui14b, DLG14, DDM10, DGG12, DY11, DCJ13b, Dos14, DBZ10, DLP13, EK11, Fad10, Fat11b, FiMO10, FRXY13, GVM+12, GN11, GG13a, GG13b, GP10, HLM10, HHH+13, HTLI14, HD11, Hau10, HML14, HC11, HX14b, JK10c, JW10a, JWY14, JMS10b, KS10b, KHKM14, KKPV11, KHFC11, KP11b, Kre95, Kre11, Kud10, KRS11, KMLT10, KMP14, KT13, LD10, Lam11, LPDN13, LsGHZ10, LZL11a, LWXW12, LZDW14, LXX14, Lia14, LVCC13, LY13a, LZ14a, dL14b, LP13, LGZ10, MA13, MMS13, MM10, Mat10, MN10, MD10b, MM12b, MM11b, MS11c, MA11, MS13b, NSZ10, Nei14, OS10, PM13, PDP13]. **equation** [Pas11, PP10a, yP10b, PSRV10, PMC11, QXW10, RGJ10, RD10, RT12, Ros11, RRMD13, SC10c, Sie11, SD10, SRWZ14, SM10, SM14b, SKN11, TR11, TLHU10, WTM12, WL10c, WZ10c, WZF11, WLWH11, WYO11, WC11, Wan11b, Wan12a, WLZ14, WC14, Xio10, XGL12, XZH14, Xu11a, YMS10, YNO10, YK11, YK14, YBD11, YLD13, ZSX11, ZBW11, ZTC11, ZYC13, ZMZ13, Zha13, ZD14, ZW10]. **Equations** [YY11, AAM14, AØ14a, AMT11, AAY11, AK14a, AF10, AE11a, ASST10, ASS12, AST14, AM14a, ÁECS12, ABG11, AS10b, AH10b, AH13, AAD13, AAD14, AKT12, AKT14b, AuI13, AuIK14, BKGMA10, BDD+10, BH11, BMMR11, BY11, BY12, BAK11, Bak10, BS10a, BS11a, BSS14, Bar13, Bar11, BT12, BS13a, Bay14, BS13b, Beh14, BB11c, BUG+13, BS10b, BL10a, BPGP11, BCC12, BR14b, BKB14, BKL14, BHJ11, BJRS12, BB10a, BB12a, BB14b, BJ14, BK12, BR11b, Cai10a, Cai13, CK13, CZ13, CBB13, CA12, Cas10, CGS12, CCDS14, CI13, CY11, CL10b, CZ12b, CC14b, CXH09, CGM10, CDS10, CHMT10a, CHMT12, CHMT13, CO11b, CDK10, CyY10, Cui14a, CFL+14, DSC09, Dai11, DSN14, DS13a, DV13, DS12a, DS14, DO12, DD11, Dha14, DXL10, DMR13, Dra13, DZZ14, DS10b, DS12b]. **equations** [DS13c, DI12, ESM13a, EZ14, EDP14, EHR10, EHR11b, FID11, FP13a, FMP14, FKNS11, FKL13, FYA+14, FFM+11, FWBSBGA11, FLLT10, FYM10, FN10, Fu10, GS10, GZ10, GXW14, GH14a, GW10,

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[CN10, DAH11, Gia12, LLX14, WWW14]. **estimators** [AKT12, AKT14b, BAU13, CM13, KL10a, KP10b, NR14a, PM11a, Pit13]. **ETD** [VMMM10]. **ethylene** [WCZ11]. **ethylene-air** [WCZ11]. **Euclidean** [SF12]. **Euler** [BT12, CK14b, DGG12, Fad10, GQ14a, HL10a, LXY13, MSG11, MM10, Pré10, Rza12, Tan14b, Wei11]. **Eulerian** [BBKS10, He12, XhW11]. **European** [LL13a]. **evaluate** [LL13a]. **Evaluating** [ZYL11, BDR10]. **Evaluation** [FdLW+11, MOA10, SW11, WL11a, AAK10, BOR14, Che13a, CA14, DP10a, DP11, ELA10, GKL+12a, HTH10, HS11b, JGH+13, JJE13, KS14b, LLL+11, MS13b, QZX+11, WX10, XXH14, Yan13]. **evaluations** [Fuk13d, WCH11]. **event** [NR14a]. **Evolution** [PM10, Ali11b, HXSF14, MZ14, Mor10a, Wan13]. **Evolutionary** [Bak10, MAK+14, KPBN13, LTX12, LJ13, LZWJ11]. **evolving** [YESD14]. **Exact** [CK14a, Hui10, LLL+11, LHC14, Nad11, Asl10, Ass09, EK11, KAE+11, Kud10, KRS11, LLT+14, LZ13c, LL14b]. **example** [MVC10, Ran14]. **examples** [AP14a]. **exceedance** [Tur12]. **exchange** [SS14e]. **exchangeable** [BP11b, Ery13b]. **excitation** [Reu10]. **excited** [BS11b, DC11, MK10]. **executive** [KWXZ14]. **Existence** [BK10, BB11c, CL14a, KC10, KLL11a, NPTH09, TSC10, Yan11, ZFG10, HCWsO13, N'G10, Nie13b, SL12, WWG10, ZC10b]. **Exit** [YSW13]. **Exp** [Asl10, Ass09, Kud10]. **Exp-function** [Asl10, Ass09, Kud10]. **Expanded** [JL11]. **Expanding** [AHK14b]. **expansion** [Ali11a, HNK10, LW14, PWZ11, TT14a]. **expansions** [BE11, HWG10, KXH13, LP10b, MJ10b, Par10, Rza12]. **Expected** [CGW14, hXZ11, ZwGhX14]. **expensive** [LZWJ11]. **experiment** [RMTO11]. **experimental** [Dea11, GKL+12a, RYM+14]. **experiments** [FM11a, WCH11, ZCC+13]. **ExpertRank** [Zho12]. **Explicit** [BB12a, CCCM13, Esc14b, Fat11a, GM10, GQ14a, Lu13a, LO14a, LO14c, SWY13, BDMR10, Cai10b, CCG13b, El 11, FG14, GPHAS14, GM13, GH10b, GQ14b, HLC11, HYY14, HS11b, Jan14, Kha10, KW10, LM14, LL14b, LT13, Lu14, NTNBV14, NBZ13, PR10, PGH13, SCRG12, SM11, WK14]. **Exponential** [AC14b, Gon10, Hua12, LH11a, LO14b, mZkPkL11, BB11a, CZ13, CS14, CR11b, Cui14b, HZR14, KLNS11, LT13, LO14a, LO14c, Luo10, MSG11, NH10, SGG11, TY11, WS13a, XC14, XJ11, ZLG12, ZW14]. **Exponentially** [CIPS14, DEP11, DP14a, HVV11b, HV12, Par10, MRD13, PR10]. **Exponentially-fitted** [CIPS14, HV12]. **Exponentials** [CL10a]. **expressed** [Liu14a]. **expression** [El 11]. **expressions** [Fat11a]. **Extended** [BHMW13, BRZ10, OR14, AKA14, BB12a, CDPP10, CPP11, GG13b, KS10b, KK14, MVV14, PHA14, YFZ14]. **Extended-Domain-Eigenfunction** [BHMW13]. **Extending** [AH10b]. **Extension** [ÖÖA11, EHR10, KO13, SACS10, WZ12]. **extensions** [AH14a, GZ14a, GZ14b]. **exterior** [OCU11, RCM+12]. **external** [Reu10]. **extra** [LD10]. **extraction** [HCM14]. **Extragradient** [NASNY11, WHL10]. **extraordinarily** [Bal14]. **extrapolation** [Bal14, BRZ10, CHL11, CG13, Mar11, Wan11e, WW10c, ZFH10]. **Extremal** [WZS10, FKL10]. **extreme** [EY11, vDvFZ09, vDvFZ13].

face [HHLW14]. **face-centered** [HHLW14]. **faces** [LJMG11]. **factor** [ADGP12, CG11a, GÖ14a, Sch11, VTLF11]. **factorization** [AC14b, BFLP12, GG12, Liu11a, MS11b, Mir14, SSF+11, WH12a, WH12b]. **factorizations** [AGT13, KMG12]. **factors**

[ADGP11, HW10]. **failure** [ADA13, CL14b, WSS14, XSV12, XSV13]. **failures** [EY11]. **families** [EZ10, HC14, PPH10, Zie14]. **family** [AGM12, AAT11, AKA14, ADL+10a, CC13b, CXH09, GK11, GKLZ12, GPHAM10, GSNDB14, GHR10, HPR12, HLC11, HL10b, KAS13, SYİ11, TP10, WSWD11, ZDZ11, ZJ12]. **Fast** [BC10, BR14a, BDL11, CD10, CC14a, DM12, ESM13b, EY10, Fuk13a, HLFP14, JX10, KS14b, Kho10, KR10, LFWL14, Miy10a, Miy10b, Oou13, OORO12, VTLF11, WZ10c, WD14, AH13, BDD14, BOR14, BFMS11, Cai10a, Cai13, Cin14, Fuk11, Fuk12, Fuk13d, GM14a, GCH14, HZR14, JY13, LCXL11, McN10, SSP13, SGG11, Str10, WJJ14]. **Faster** [BOR14]. **FBSDEs** [Zha10a]. **feasibility** [CCG12]. **feasible** [JW10b]. **FEAST** [KDG+13]. **features** [BCR11]. **feedback** [CYJS14, HL10c, IO14b, WW11b]. **Fekete** [BSV12]. **FEM** [NTRNXB10, BMN10, CR12, CFL+14, FPP14, Gwi13, HLSX11, HNPX11, JKV11, KSA14, MKS12, NTPVNHLX14, PSKA14, RW14, Seg12, SDK10, SCDA10, SACS10, SKK14, VBP+10]. **FEM-based** [VBP+10]. **FEMTEC** [SKS14, Sol12]. **fence** [NdCDCFM10]. **fermentation** [WYY+12]. **Fermi** [Boy13, KHKM14, PDP13, SP11]. **ferromagnetic** [FLHS+13]. **few** [ML13]. **Feynman** [DHR12]. **FFT** [MPS10, PO11, Tan14b]. **fiber** [VB14]. **fiber-reinforced** [VB14]. **Fiedler** [pWqSmZ14]. **field** [CGCG+13, CR14, FND10, JS10, Jan14, LGMA13, MKD12, Zha14a]. **field/circuit** [Jan14]. **fields** [AÖÖ14, AA14b, ÇMT14, CGS13, DD14b, DD14a, GM14b, KP14c, WZ12, ZSD10, ZZC11]. **fifth** [LC10]. **fifth-order** [LC10]. **Fike** [SW12b]. **Filippov** [DD14b, BHJ13, BJ13, DD14a]. **Filled** [LY10, WLWH11]. **Filling** [BFGP10]. **film** [KS14c, WL11a]. **Filon** [Dom14, Mel10]. **filter** [DJM10, ISN10, LV14]. **filtering** [CFF12, GNN11, KK14]. **filters** [BL10b, CCS10, CH13, Han11]. **finance** [DH14]. **financial** [NÖ10, YLS12]. **Finding** [LJMG11, YT12, DP14c, PPH10, SCFR14]. **Fine** [KA10]. **Finite** [AV10a, AMT11, ABS11b, BGLV11, Bra12, Bra14b, DHR12, Dek10, FJ14, GMRK14, GKT10, HP10, HXSF14, JKS10, KS12b, Li11a, MNQ14, Nei14, Obe13, SPC14, SKS14, SS14e, TTSB14, VMS12, Ain10, AÖÖ14, AA14b, AS12a, AWF11, AR10b, ADLS14, AD11b, AB10, AM14b, BS10a, BCM10, BW14, BS13a, Bay14, BB11b, BS10b, BL10a, BG14a, BJ12, BGP11, BFP11, BB12a, Boy10, BySZZ13, BGP14, CHL11, CZZ14, CZWD14, Cao14, CM13, CXL10, CL11a, ÇMT14, CC11a, CL10b, CHX11, CL11b, CWY11, CL11e, CG14, CXZ14, CW14b, CMR11a, CGL10, CR11a, CET14, CvdMS12, DLG14, DV13, DGG12, DDG13a, DXL10, DGC+13, DLP13, DS12b, DS13c, DF12, DFH14, EZ10, FDD10, FD13, FKNS11, FKL13, FRB13, FPGMG11, For10, FGPP13, FLHS+13, Fu10, FLKW14, GW14a, GK14, GW10, GW14b, GVF+13, GUBS13]. **finite** [GI10, GN11, GY11, GM14b, GZ14a, GZ14b, GKT11, HS11a, HMA12, HL10a, HML14, HMVPAR11, HL10b, HS12, HK11, JL11, JM11, JW10a, KH10, KL10a, KS14d, KP14c, KP10b, Lak13, Lam11, Lam14, LL11a, LL11b, Lia14, LLSW11, LZ12a, LZ12b, LY13a, LLX14, LMY11, LMYJ12, LXSC11, MLZ14, MHL11, MV12b, MM12b, MSZ13, MJ14, NTRNXB10, NV11, NNO12, NCCF+10, NS14, ÖY14, PSS13, PHA14, PL10a, PTSK13, PRT10, PSRV10, PMC11, RMP+13, Rua13, RWRS14, RR10, Sid14, SSR10, SACS10, SG12, SSK+13, SRP+13, SM14b, SLK14, SKN11, TCD11, TR11, TKW12, UBSG12, VdKPB10, VS14, WG10b, Wan11a, WLL+11, Wan11f, WZ12, Wan13, WY13, WMGM14, WRS14, WDZ10, WC14, XCY10, YC11, YL11c, Yua12, pZxY12,

ZZS11, ZTC14, ZY14a, ZD10, Zho11a, ZC10c, ZD11, ZLC11, dAGR10, dFGAN11]. **Finite-difference** [BGLV11, HMVPAR11, HS12, Lak13, MV12b, PRT10]. **finite-element** [TKW12, WLL+11, dFGAN11]. **finite-part** [WDZ10]. **finite-range** [Sid14]. **finite-source** [GI10]. **finitely** [Mol10, Yun12]. **firm** [LZT13]. **First** [MTJ11, Vel11, ADA13, BSZ13, BGL13, Cas10, Dea11, DDV+11, DY11, Dom11, EJ10, Fuk13b, GPHAS14, KB13, KP10b, LL13b, MMS10, uIAAF14, SB10, SZS11, TM11, Tar10, WZS10, WZ10b, ZL10, Zha11a, ZWZ11]. **first-failure** [ADA13]. **First-order** [MTJ11, Dea11, DY11, KP10b, LL13b, MMS10, SB10, WZ10b, ZL10, ZWZ11]. **fish** [ARF14, CRF14, RMF11]. **Fisher** [Dom10, GG13b, HM10, KS10b]. **fit** [DKU14]. **fitted** [CIPS14, DEP11, DP14a, HVV11b, HV12, PR10, WT14]. **Fitting** [Nie13a, EY14, KV12, PY10a, Str11, Str12]. **Fitzpatrick** [XZL11]. **five** [LO14b]. **Fixed** [BGL13, Iid12, Luo10, She10, ZW11b, Bar11, CB13, CDTV11, CM10a, ĆRR+10, HLC11, HL10b, JK10b, KPW10, LYZ11, MMS13, PD13, RKS+13, Van10, VAR11, XSH10, ZF14]. **fixed-point** [Bar11]. **flageolet** [Fie13]. **flame** [GJCL11, WCZ11]. **flat** [FWBSBGA11, KD10]. **Flexible** [ZG14, AHM13, BP11a, WRS14]. **flight** [BBP14]. **floating** [OORO12]. **floating-point** [OORO12]. **flops** [GWX10]. **Floquet** [Tau13]. **Flow** [AVMVMV10, APO14, AHLJ14, AJK12, ATS14, BCD+10, BSKL12, BHMW13, BJ13, BGP14, CPP13, CL11d, CDPP10, CPP11, CDS10, DA14, DA10, DQST14, EDAP10, FWBSBGA11, GGAVRC14, Gas14a, GTS14, HDF+10, HJ11, HZ14, HL13a, HdJL+13, JMS10a, LE10, MDVB13, NO12, PR12a, PDE+13, PPG14, SSW14, SSP13, SLK14, SM11, TTSB14, WTM12, YMB14, ZZC11, dAGR10]. **flows** [eMA14, BW14, BG10b, DMMP10, DGC+13, GK14, GH14b, GMRK14, GKT10, GKT11, HHM12, IG12, KAE+11, MS13c, ORP14, PDE+13, PKH14, RVDM10, ZY11b]. **fluctuating** [HD13]. **fluctuation** [BAdS+10, BAdS+12]. **fluid** [AHLJ14, CPP13, CDQ14, DBHV10, DA10, DGC+13, FHPH+13, HL13a, HBE14, JMS10a, KS14d, KLM14, NTPVNHLX14, PP10b, Rah14, SSW14, SM14a, SSP13, TTSB14, YZ11a]. **fluid-solid** [NTPVNHLX14]. **fluid-structure** [CPP13, CDQ14, DBHV10, JMS10a, PP10b, YZ11a]. **fluids** [Bab10]. **flux** [AGJ13, EZ10, EDAP10, GZ10, KM10, KG12, Kuz12, LvDtTB+13, MV14, MSZ13, SSW14, VS14, Wan11a]. **flux-corrected** [KG12]. **flux-limited** [KM10]. **flux-limiter** [GZ10]. **foam** [BCD+10]. **Fock** [Bra14b]. **Fokker** [CR14, AB13]. **fold** [Jia10]. **force** [ZBZ10]. **forced** [NTRNXB10, TA10]. **forecasts** [Wu10]. **Foreword** [AL13]. **form** [Ku13, Owa12, SRWZ14, Spe11, VL13, WHL13]. **formalism** [CC11c]. **formation** [BKMG11]. **forming** [ZGZB13]. **forms** [DDM11]. **formula** [GQ14b, Hua14c, LA11, PS14a, Qi14, SHN13, Tan14b]. **formulae** [ÇU14, GQ14a, MO10, ML13, SC10b, SP10, Spa12]. **formulas** [FS12a, MT10a, MS12, SH11, Sid14, Xie11, ZCC+13]. **formulation** [CDTV11, CSSX14a, CSSX14b, CAT13, FND10, HMVPAR11, HCM14, Jan14, JWY11, LP10a, LXSC11]. **formulations** [FP13a, JMS10b, KA14, MS13b]. **forward** [AØ14a, FLLT10, HHT12, HL14, WL10a]. **forward-backward** [AØ14a, FLLT10]. **forward-path** [HL14]. **four** [AS12b, BISS10, Flo11, LTX12, RB13, WZ10d]. **four-directional** [BISS10]. **four-point** [Flo11, WZ10d]. **four-step** [AS12b]. **fourfold** [BK13]. **Fourier** [AH14a, AA12, BC10, Cai10a, Cai13, CSZ11a, CV10b, HNPX11, HZR14, JX10, KKPV11, MPS10, MD10a, PWZ11,

PMMS14, RSGL14, SW10a, SS14b, Tan14b]. **Fourier-collocation** [Cai10a]. **fourth** [AR10b, CI13, Cha10a, CHMT10b, DLG14, GK11, HS10a, HVV11b, Koç11, Mui10, PFLZ11, PRM11, RK11, ZX10, SKS14]. **fourth-order** [AR10b, DLG14, HS10a, HVV11b, Koç11, PFLZ11, PRM11, ZX10]. **fourth-step** [GK11]. **fractal** [BM11b, NS13, VCA14]. **fractals** [CGM10]. **fraction** [FPG12]. **fractional** [APJ10, Cui14b, DO12, DXL10, EDP14, FS14, FRXY13, GP11, GD14, HLM10, HMS11, HML14, JM11, JD13, KS12a, KG13, KAYS14, LXX14, LP10a, LYD13, LY13b, MLZ14, MZ14, MFL13, NS10, Odi11, PT11a, PT11b, PT12, PT14, PMMS14, SKN11, Tan14b, Wan12a, WD14, WLZ14, XGL12, XZH14, Yan11, YÖVAYOW14, YLTB14, ZAWA13, ZD14, ZW10]. **fractional-order** [HLM10, NS10]. **fracture** [PR12a]. **fragmentation** [PVM+14]. **frame** [CG11a]. **frames** [BDJ+11, CCH10, Gro13, Jia10, Jia11, YSZ11]. **framework** [Ain10, AB13, CMR11b, EF14, GWKE14, HS10b, Kro10, LS14, NR14b, RWRS14, Van11b, VS14, ZZBX14]. **Fredholm** [AE11a, AM14a, AuI13, BH11, BMMR11, Beh14, BGL13, CC14b, DCJ13b, DZZ14, EHR11b, LSD11, LWXW12, Ma10, MA14a, OMS10, OA14, OPPV10, WWC14, WW14]. **free** [eMA14, AWF11, BDD+10, BKMG11, BHMW13, CRM10, CXH09, CHMT13, DdS14, FYA+14, For10, HHH+13, HP13, HKO11, LM12b, LM14, LFY11, MJ10a, ML10, NTRNXB10, NBZ13, PFLZ11, QY10, Sla14, YPL10, YC10, ZJ12, Zha13]. **frequencies** [Pag10]. **frequency** [BG10a, CLP10, CvdMS12, DDV+11, IO14b, Lak13, LMCW10, TA13, TKW12]. **Fresnel** [KP11b]. **Friction** [FRB13, CCG+13a, DKH+10, GRZP10, Gwi13, HKL11]. **frictional** [SBFC10]. **front** [BFHK12, KKK14]. **Frozen** [GSGN11a]. **FSAI** [BM11a, FJP14]. **FSAI-based** [BM11a]. **fuel** [Sun14, SS14e]. **Full** [CCS10, CDQ14, ZW12]. **full-Newton** [ZW12]. **Fully** [DMR13, JS10, ASK11, BGLV11, DS13a, FKL13, GG13b, HJ11, Nei14, Wan13, YMB14]. **Function** [Vel11, Ali11a, AE11a, Asl10, Ass09, hBW10, BLM11, BSJ14, Boy11, Boy13, BFMS11, Büy12, CHL14, DS13b, Ehr11a, EGBS12, El 11, EL11, Fuk13d, GW14c, GK11, GKLZ12, GKL12b, HQR13, HMS11, HMVPAR11, Isl14, JLZ14, Kud10, Kuz13, Law14, LY10, LL11d, LG11, MRD13, MGZ10, Mol10, PM10, PM13, Par10, PAD10, PHS14, PR12b, Qi14, Rza12, VCA14, Wan11a, WLWH11, WCH11, Wan12b, WGZL14, hXZ11, XMSS11, Zha11c, ZZG10, ZLL10b, ZWG11, Zie14, ZwGhX14]. **function-space** [Law14]. **Functional** [LMM+10a, RMTO11, AD10b, BPGP11, BCC12, CL14a, DF14, FYM10, GW12, HM11, LF10, LTFL10, LHL13, LMM+10b, MRD13, MS11c, Owa12, PJ12, RHS11, Tar10, TLHU10, WZS10, WF10, Yan11, YZ11b, YW10, Zha11a, ZC10b]. **functional-discrete** [MRD13]. **Functionally** [WT14]. **Functionally-fitted** [WT14]. **Functionals** [BB11a, HM10]. **Functions** [BVV10, Vel11, AH14a, AA12, AAY11, AMV13, AM14a, AAD13, BMMR11, BGRS12, Beh14, Boy10, BL10c, BGVHN13, BE11, CGCG+13, CAA10, Che13a, CS14, CZ14, CD11, CT10, CO11b, DST10, DHS11, EY14, FW10, FND10, FS12b, FKL10, Fuk13d, Gau10, GA12, GPS13, GZ13, HHX14, HV12, JKS13, JGK14, JZ10, JW12, JLZ14, KPA14, KG13, KS14b, LD10, LTW10, LY13a, LP10c, MMS13, MRAM10, MJ10a, MJ10b, MM12a, MK10, MSZ13, NH13, NS13, Not14, OGM14, ÖÖA11, PS14a, PS11c, PL10c, Prz10, QGG10, RW14, San11, SW10b, SWY13, SWY14, Sid14, SS14b, SS14c, Ste10a, UÇD14, Van11a, WX10, WW11a, Woź14, XC14, ZWM11, Zho11a, ZRK+12]. **fundamental**

[AC14b, LLCL11, LHLC13, OCU11, YY11]. **Further** [HMS11, Hos11, LHY10, WM12a]. **Fuzzy** [AS11, Liu11b, ASK11, FS14, FJLL10, KWW11, LQYL11, MS11c, Mol10, MOA10, MHH+14, NF14, NR14b, QLL11, RPS+11, Sto11a, WW10a]. **FVM** [NdCDCFM10]. **FVS** [DM10a].

G [WYP10, ZH10a]. **Gabor** [BDJ+11]. **gain** [VAZS13]. **Galerkin** [ADG11, AAD14, BFDP13, CCJC13, CMR11a, CC13c, CN10, DS14, ESV10, EJ10, FL10a, Fat11b, FND10, GW14b, Gia12, Gia14, GH14b, GAS14b, GG13b, HX14b, JX10, KSTW14, Ku13, Kuz10, Kuz12, Lan12, Li11b, MS11a, MA14a, Mar11, Mat10, MA14b, MD10b, MWWY14, MR13, Pul14, Ros11, SW12a, Sch14c, Sta11, SM10, SM14b, WC11, WY13, WMGM14, XZW14, Zho11b]. **GAM** [ABÇ+11]. **games** [AA14c, BP12, GPO14]. **Gamma** [Rza12, Vel11, BE11, Nad11, ÖÖA11, Qi14]. **Gander** [EHR10]. **Gap** [FW10, LTW10]. **gaps** [Gia12, GMZ+10]. **garment** [LMW+11, WLL+11]. **gas** [AJK12, BL10b, BSKL12, GKT10, GKT11, HBE14]. **gases** [Col13]. **Gauss** [BSZ13, CT11, CIPS14, EJJ11, FGO12, FS10, KN10b, LYD13, ZY14a]. **Gaussian** [AE11a, Boy10, JWY14, Kni10, SP10, Spa12]. **GBi** [TS10]. **GCR** [AIA10]. **GCRO** [NLL13]. **gear** [BSPD14]. **Gegenbauer** [BCGMB10, ESM13b, ESM13c, ESM13a]. **gene** [LCN12, XCZ+11]. **General** [IJMV10, ABIS10, AMÇ13, BLR10, BJ14, BF10, CB13, CK13, CL14a, DP14b, Emm11, EX14, Fuk11, Fuk12, Fuk13a, Fuk13c, HL14, KH10, LB14, LJE+10, MWWY14, PJ12, QYZZ14, QZX+11, VVV10]. **generalisation** [WM12a]. **generalised** [CC12]. **Generalization** [DR14a, HCWsO13, ASM13, AAM14, ADCC12, ÁE10, NH13, PM10]. **Generalizations** [VL13, ÁE11b, DI12, Pir13, Pir14]. **Generalized** [AY13, FBB14, FPG12, HCQ14, MNQ14, PL10c, RE10, Vel11, ZyG14, AM10a, AF10, Ali11b, Ali11a, ÁNA14, Ars11, BJRS12, BHBP10, BGP14, CS12, CJY10, CYJ13, Cao13, CL11a, CK11, CZL14, CP13b, Che13b, CR11a, Cui10, DW10, DP12, DP14c, FJP14, FS12b, GUBS13, HKK10, HHZ11, HY11, ISN10, KÖ11, KDG+13, LTW10, LZL11a, LLP12, Li14, lLfD10, LHY10, Liu12, LG11, Lu13b, LdHA10, MS11b, Miy10a, Miy12, MM11b, Nie13b, NNO12, PY10b, PC11, PMMS14, PMC11, PZ13, QT13, QY10, Reu10, Ros11, SD13, SSP12, SAB14, She10, Śmi11, TLHU10, UBSG12, VDG11, Yan10b, ZHCW12, ZG14, ZYW14, ZZG14, dAGR10]. **generalized-** [BHBP10]. **generate** [NY12]. **generated** [APO14, CGM10, DJ14, HZ11, MKD12]. **Generating** [BDV10]. **Generation** [BL10a, AM11, RSV12, SZ10, SP11, XCY12]. **generator** [BAAS11]. **generators** [BDR11, BR14c, BFMS11, Che14a, DSL12, FJ10, FO10, Har11, Wik10, YSZ11]. **generic** [DDV+11, GK11, Van11b]. **Genetic** [MB11, AEWMES11, HTM14, LGR11, TOF14]. **geodesy** [JKS13]. **Geom** [YTFP11]. **geomechanics** [BM11a, LCCK13, YMB14]. **Geometric** [AHR14, CR11a, CH11, HS11b, Mor10a, DDV+11, GGLR10, YE14]. **geometries** [CDS10]. **Geometry** [SWT12, VdKPB10]. **geophysics** [EN14]. **geosciences** [CGRS11]. **Gerber** [GW14c, JZ10, ZY11a]. **Geronimus** [GHM10, HV14]. **GEW** [Ros11]. **GFDM** [BUG+13]. **GH** [AK14c]. **GH-public** [AK14c]. **GI** [YTFP11]. **GI/Geom/1/N/MWV** [YTFP11]. **giant** [ABN10]. **Gini** [HH13, HH14]. **Given** [Van11b, WM12b]. **glacier** [CDTV11]. **Global** [BV10, BG14a, CSZ11b, KW11, LF11, TOF14, ZZG10, ZWG11, AMMS12, AG10a, AJK12, Ant11, BBD+11, BJRS12,

BK12, DJ10, FW10, GLH12, HKK10, HXW11, JW10b, KPBN13, KW10, KS12c, LZ13c, LJ13, PPG14, RMF11, SSW14, SRP+13, WF10, WK14, ZDZ11, ZG14]. **globally** [DD11, Liu14b, MS13a, YPL10]. **glycerol** [WYY+12]. **GMRES** [KMS14, SW11]. **Goal** [CG14, GH14b, KM10]. **Goal-oriented** [CG14, GH14b, KM10]. **Godunov** [KAE+11]. **Gompertz** [Tor14, YG13, YG14]. **good** [LL11d, SA14]. **Google** [CSC10]. **Gordon** [Cui10, LL14b, MD10b, RGJ10]. **Goursat** [Oou13]. **governed** [AK14a, CY11, Fu10, XL11]. **GPGPU** [FPGMG11]. **GPU** [DHSW14, FLKW14, HK12, KOV11]. **GPU-based** [DHSW14]. **GPUs** [GWKE14, WJJ14]. **graded** [Cui14a, DLP13, Wu14]. **Gradient** [CCG+13a, LGMA13, MMSW13, ZZP13, Zim13, ADCC12, And10, And13, BKGMA10, BK14a, BEJ14, CY11, CXH09, CN10, HK12, HC11, JW12, JWW14, KNY10, KS14d, LP13, NY12, Rah14, Rua13, SCFR14, SGZ10, XWW10, XSW12, YSQ11, YWL14, ZJ12]. **Gradient-based** [CCG+13a]. **Gradient-enhanced** [Zim13]. **gradients** [IK11, KS12c]. **Gragg** [ARV10a, GGSP10]. **Gram** [Liu11a, LZ13d]. **granite** [RMTO11]. **granular** [SBFC10]. **graph** [ABN10, KF11]. **graphs** [BL13a, BFS14, Car11, YAKA11]. **gravel** [HdJL+13]. **gravitational** [MR10]. **gravity** [eMA14, BB14b]. **great** [Khr10]. **greater** [CG10b, SF12]. **greatest** [CKM14, WL11b]. **Green** [Ehr11a, GKL12b, HMVPAR11, PAD10]. **Grey** [LLL12, KWW11]. **Grid** [DFG+10, AB10, BFHK12, BHPS12, CL10b, CGRS11, DZW14, DQST14, Dos14, JKV11, Li12, Spr14, Wan13, XN14]. **grids** [AV10a, Bay14, BS13b, CGS12, CC11a, DFH14, EZ10, FJ14, FWBSBGA11, GGLR10, HZ14, Lam14, LE10, NMBG14, NCCF+10, RSGL14, RP11b]. **Gross** [CCJC13, KHFC11, WC11]. **Grossberg** [LF11]. **Grossberg-type** [LF11]. **ground** [KL12]. **group** [eMA14, CCCM13, Liu12, MT14b, ZTS11, ZCC+13]. **groups** [BFS14, HDL+13, NH10]. **Growth** [ADGP11, ADGP12, AS10b, COW10, FJ10, HHH+13, Nie13b]. **GS** [KN10b]. **GSOR** [AIA10]. **GSVD** [DR14c]. **Guaranteed** [ESV10, Ain10, JWY11, LMG13]. **Guided** [VBP+10, KS14c]. **gust** [AHM13]. **gyroscopic** [QC14, YD12].

Haar [AuI13, AuIK14, uIAAF14]. **haemodynamics** [CDQ14]. **Hahn** [Arv10b]. **Halanay** [Bak10]. **Halanay-type** [Bak10]. **half** [BGVHN13, Fuk11, Fuk12, Fuk13a, HL13b, LM14, OP12, WM12b, Zha11b, ZX10]. **half-explicit** [LM14]. **half-linear** [Zha11b]. **half-quadratic** [HL13b]. **half-range** [OP12]. **Halley** [GS12]. **Halpern** [WSWD11]. **Halpern-type** [WSWD11]. **HAM** [Odi11]. **Hamiltonian** [ÁD12, BIT11, BB12c, BN14, CSZ11a, GH14a, Gus14, HZ11, Mat10, QT13]. **Hamiltonian-conserving** [Mat10]. **Hamiltonian/skew** [QT13]. **Hamiltonian/skew-Hamiltonian** [QT13]. **Hammerstein** [AST14, ABG11, BCC12, MA14a]. **hand** [DL12, DSY+11, HD11, MZL14, ZDZ11, ZG14]. **handling** [KG12]. **hanging** [KSA14]. **Hard** [KMD12]. **Hard-coupled** [KMD12]. **hardening** [BSPD14, ZTP14]. **Hardy** [Kuz13]. **Harish** [El 11]. **Harish-Chandra** [El 11]. **Harmonic** [ALM11, Ave10, Car11, KPA14, AP14b, Ayd14, BDL10, CYJS14, DC10, DMMP10, DCZ10, DJ10, JKS13, Mön10, MMMG10, NY14, WHL13]. **harmonics** [Ave10, Fie13]. **harmony** [JK10a, Lay13]. **harsh** [FLEa10]. **Hartmann** [KNR12]. **Hartree** [Bra14b]. **harvesting** [LCZ11, LYP13, Reb12]. **hash**

[SPLHCB14]. **hash-based** [SPLHCB14]. **Hausdorff** [RSS14, SS14b]. **having** [Dou12, Pas11]. **HBT** [LLG14]. **heat** [BPS12, HTLI14, KD10, LBM12, LXX14, LMW+11, LZ14a, MV14, MVMG12, SDK10, Sza10, Wan11b, WJJ14, XW12, YF14, ZS11, ZD10, ZLC10]. **heat-flux** [MV14]. **heated** [HL13a]. **Heath** [VTLF11]. **heating** [KMD12, MKD12]. **heaving** [MSP12]. **heavy** [NR14a]. **hedging** [AH14b, DPV10, EF14, JWY11, LTZ10, NÖ10]. **height** [MKK14]. **helical** [CDS10]. **helium** [DC11]. **Helmholtz** [CDKN15, ABHMW11, CWY11, CDKN14, EY10, GG13a, HTH10, KOV11, LEKT10, PAD10, QXW10, WC14, Xio10, ZMZ13]. **hemi** [WSWD11]. **hemi-relatively** [WSWD11]. **hemitropic** [NSZ10]. **Herglotz** [ZMZ13]. **Hermes** [MKS12]. **Hermes2D** [SKK14]. **Hermite** [ÁE10, ÁE11b, BBK+14, BC10, CK11, CW11a, CM10c, JJK+13, KÖ11, KLK13, MS12, MSWY12, ML14, MS11b, NBBKV10, NTNBV14, PL10c, Rua13, SMDMY10, SW13, SGZ10, ZyG14]. **Hermitian** [AGT13, Bai13, BGM10, DJ10, EGST11, JWL13, NOS14, PW13, PZ13, QT13, ZM14]. **Hessenberg** [EGST11, MVV14, MT12, MRT13b, ZG14]. **Hessian** [AR10a, MML11, Nei14]. **Heterogeneous** [DCG+14, AJK12, BUG+13, BHBP10, CDKN14, CDKN15, GK14, GPZ10, KA14, KSRM12, MR10, MS13c, YMB14]. **Heuristics** [LEVG14, SCRB+14]. **hexagonal** [CH11]. **hexagonally** [Mee12]. **hexahedral** [FKNS11, Lam14]. **hierarchic** [SACS10]. **Hierarchical** [JPX11, BwKB+14, DDG13a, GJ13, Kuz10, MJG14, SAY13, TCD11, ZZS11]. **hierarchically** [AALMLM14, TOF14]. **Higdon** [Dea11]. **Higdon-type** [Dea11]. **High** [ADLT13, Bab10, CPP13, CHH10, Cui10, DH14, DF12, DFH14, GM13, JM11, LMCW10, LP12, MOG10, MM11c, RS10a, WB10, ZZS11, AU14a, AD11b, BG10a, BDL11, BKTY14, BDR11, BR14c, CCG13b, CR14, CyYwY11, Cui14b, DDG13a, EO14, EN14, EHR11b, FL10a, yGZ13, HZ13, IO14b, KSLD11, LEKT10, LO14a, LO14c, Oou13, Pag10, PP10b, SBGB10, TTB14, TY11, WW10b, Wil13, ZTC11]. **high-contrast** [AU14a, Wil13]. **high-dimensional** [BDL11, KSLD11]. **high-field** [CR14]. **High-order** [CPP13, CHH10, DF12, DFH14, GM13, JM11, LP12, MOG10, RS10a, CCG13b, Cui14b, FL10a, HZ13, SBGB10, TY11]. **High-resolution** [Bab10, MM11c, BKTY14]. **Higher** [BS13a, BOS12, CXZ14, Li12, MGZ10, RCM+12, SL14b, Tan14a, ZAT11, BL10a, BHL11, BK12, CW11b, CG13, HK14, JR10a, Lia14, LW11, Lui10, MY11, MHL11, NRP13, NCCF+10, RW10, SM14a, SWY14, Sie11, uIAAF14, TS10, VVD+14, qWhY11, WZ10d, Yun11, ZCS11, ZL13, AKT14b]. **higher-dimensional** [SWY14]. **Higher-order** [CXZ14, Li12, SL14b, Tan14a, ZAT11, BL10a, BK12, Lia14, LW11, MY11, NCCF+10, RW10, SM14a, Sie11, TS10, WZ10d, ZCS11, AKT14b]. **highest** [Lak13]. **highest-frequency** [Lak13]. **Highly** [WRS14, Dom14, EN14, GK14, GG13a, KX13, KAE+11, SGG11, YMB14]. **highly-oscillatory** [Dom14]. **Hilbert** [BM11b, Cai13, CB13, CFH14, DHS11, HS11a, WG10a, XXH14, YKL11]. **Hilbert-type** [Cai13]. **Hilliard** [ZYC13]. **HITS** [Zho12]. **hitting** [WW12]. **HIV** [HLWM10, ZLW14b]. **HJB** [ZSX11]. **hodograph** [BBK+14, KL11, SF12]. **Hoffman** [Che13b]. **Hölder** [CLW14, GP12]. **holding** [HD14]. **holes** [BFGP10]. **Holland** [CC11c]. **Holling** [AD10b]. **Holm** [CLS10, DI12, FiMO10, Mat10]. **Holm-like** [DI12]. **homoclinic** [HZ11]. **homogeneous** [BB11c, El 11, JL11]. **Homogenization**

[RL10, GKB10, SKKS12]. **Homotopy** [BCC+13, GC11, DCJ13b, LHF11, SY11, SBCD10, ZYC13]. **Hopf** [AMÇ13, CYJS14, CGRLR11, DL13, SLD13, WW11b, XL12]. **horizon** [AØ14a]. **horizontal** [DA14]. **horn** [WUB10]. **horn-lens** [WUB10]. **hot** [ZZC11]. **Householder** [pWqSmZ14]. **HSS** [LHL11, CJ10, CLW14, GT09, Hua14c, LLP12]. **Huang** [CFH14]. **huge** [CGRS11]. **human** [BAdS+10, BAdS+12, WLL+11]. **hunting** [Ven10]. **Hurst** [YÖVAYOW14]. **Huxley** [AF10]. **Hybrid** [CW11b, SZJ12, AS10a, BW14, Beh14, CZWD14, CXL10, CGS11, DEP11, Dha14, Ism14, JK10b, KMHM14, KPW10, Lay13, LZL11b, MSG11, NMS10, RD10, SAY13, SASH11, TW14, WSS14, YZ11a, ZTC14, ZGZW10]. **hydraulic** [SRP+13]. **hydrogen** [KS10a]. **hydrogen-like** [KS10a]. **hydrostatic** [BB12b]. **hyperbolic** [CL10b, CP13b, ĆRR+10, CRF14, CyY10, CwYyY11, CyYwY11, EJ10, GZ10, HK13a, JR10a, JV10, KP14b, KM10, LZ13d, PC11, Ren10, TLNE10, YY11, ZL10]. **hyperchaotic** [LYP10, PL11]. **hypercomplex** [CGK10]. **hypercubes** [DDM10]. **hyperelastic** [CR11a, Kro10, RG12]. **hyperelastic-rod** [CR11a]. **hypergeometric** [AT10, DJJ13, LP10c, MGZ10, ÖÖA11]. **hyperplane** [WLZ11]. **hyperplanes** [LJMG11]. **Hypersingular** [FMP14, Kre95, Kre11, Mah14, Yan13]. **hyperspherical** [Ave10]. **Hypersurfaces** [Esc14b]. **hyperthermia** [SM14a]. **hyperviscoelastic** [LP10a]. **hypothesis** [AH10b]. **hysteresis** [FLHS+13].

IAM [AGK+14]. **ICACM** [AGK+14]. **IDEA** [BNY14]. **ideal** [Col13]. **ideals** [ZW11a]. **idempotent** [CID10]. **identical** [SB10]. **identification** [LBM12, MM10, WYY+12, YP10a]. **identify** [PGGCGF14]. **identifying** [DY11]. **identities** [GQ14b, XC14]. **IDR** [DSY+11, DSZ11, TS10]. **IDRstab** [AAI14]. **IGAOR** [LJCL11]. **II** [AHAH11, AKT14b, BFP11, CXZ14, CHH10, FKL10, Ism14, JS10, KO13, LWH+11, NH13, Rum13b, SHZ12]. **III** [AD10b]. **IIIA** [AK11]. **IIIB** [AK11]. **ill** [BJRS12, BNRZ12, CHL14, DR14c, HPR12, HR10, HR12, Liu14b, LFWL14, MRS10, Ram10, RS10b, TKW12]. **ill-conditioned** [BNRZ12]. **ill-conditioning** [TKW12]. **ill-posed** [BJRS12, CHL14, DR14c, HPR12, HR10, HR12, Liu14b, LFWL14, MRS10, Ram10, RS10b]. **illumination** [ZZP13]. **Image** [DDG+13b, VBP+10, ZSK+11, AMRS12, AMR13, BL13b, BEJ14, CC11b, DDE14, HL13b, LGMA13, LZSL11, PY10a, WSK+11, XCQ14, YSZ11, ZZSW11, ZZBX14]. **Image-Guided** [VBP+10]. **images** [CCS11, CRS12, JMV13, ZZP13]. **imaginary** [ZRK+12]. **imaging** [ACF+14]. **imbibition** [EASS13]. **IMEX** [HHKK14]. **Immersed** [LLSW11, BY14, LZ12b, LZ14a]. **immersion** [XHZ12]. **immiscible** [MS13c]. **impact** [DFG+10, GPKV10, KS12b, NRP13, VMAVGCM13]. **impatient** [WK10]. **impedance** [GKL+12a, HHT12, HLFP14, PAD10, ZSD10]. **impinging** [KD10]. **Implementation** [GVM+12, GZ11, HCM14, ABHMW11, BDJ+11, BIT11, CCG13b, GGLR10, KOV11, LTZ10, MR11]. **implementations** [CFMR12]. **Implicit** [CSY10, GKT11, HJ11, SM11, BLKZ10, DP14a, HL10a, KW11, LL13a, LT13, MS13a, MF14, MMS10, MT13, NNB13, SLW14, Wei11, Xie11, YESD14, ZAT11, Cui10]. **Implicit-explicit** [SM11]. **implicit/explicit** [HL10a]. **implicitly** [BB11c, NY14]. **implied** [GS14, LS14]. **Imprecise** [Sto11a, MB11]. **Improbable** [Tez14]. **Improved** [AH12a, MML11, WZ12, WZ11a, ZD14, KP10a, KD10, LSXZ11, MA14a, Mee12, Owa12, Sch14a, Sch14b,

uIAAF14, WHLC11, WH13, Xie11, Yan10a, Zha13, Zha14b, ZZG14]. **improvement** [Kha10, MDVB13, RLGGGÁM14]. **Improvements** [PNCC10, Hos11, PS14b]. **Improving** [AEGB10, Cie14, VMAVGCM13]. **impulse** [AP14a]. **impulses** [HZ11, LGZ10, Tan10]. **Impulsive** [WZ10b, Alz10, DF14, Gus14, LS11, LL13b, NPTH09, RHS11, SZS11, Tar10, TSC10, WZS10, Yan11, ZFG10, Zha11a, ZF14]. **incline** [Ehr11a]. **including** [DCGS13, FM11b, MRD13, PC12b]. **inclusions** [GMZ+10, pLjH10, PY10b, RHS11, jTW14]. **income** [GW14c, LB14, ZY10]. **incomes** [ZwGhX14]. **Incomplete** [LZ13d, Vel11, AGT13, DH10, FV13, Fuk11, Fuk12, Fuk13c, SSF+11]. **incompressible** [AHLJ14, BSB14, FWBSBGA11, GH14b, HZ14, Lam14, MS13c, ORP14, PKH14, SSP13, ZH10b]. **incorporated** [ZTS11]. **incorporating** [HD13]. **incorporation** [DDG+13b]. **Increasing** [BGIN13, CTV13]. **incubation** [Ven10]. **indecomposable** [CGRLR11]. **indefinite** [AGT13, Bai13, LZ13d, MV12a, WL14a]. **independent** [AMV13, PDE+13, SACS10]. **Indeterminate** [AC14c]. **Index** [Ano10a, Ano11a, Ano11b, ADA13, ASG11, CHL14, GSGN11b, IO14b, LWH+11, Nai11]. **indexed** [EF14]. **indexes** [AB14]. **indices** [Ery14, YAKA11, YP10a]. **indirect** [LEVG12]. **individuals** [AELH10]. **induced** [Gre10, HDL+13, JY13]. **Induction** [MKD12, BSPD14, DKU14, MVMG12]. **induction-conduction** [MVMG12]. **inequalities** [AW10, BLKZ10, CW11a, FW10, GCC14, HHL12, LZ11, Ma10, MR12, Mol10, NASNY11, NNB13, PS14c, ZH10c, Zha11c, ZLL10b]. **inequality** [CB13, CV10b, DW10, JW10b, LK13, LTW10, LLW14, WG10a, YKL10, ZLL10a]. **inertia** [WZMC11]. **inertial** [ZBZ10]. **Inexact** [Bog14a, GPHAPR14, AR11, AK14b, BLKZ10, CJY10, FGO12, GS12, HPR12, Jia12, RA10, RX10, SS14a, SW11, WLD14, ZYW14]. **Inf** [CXZ14]. **Inf-sup** [CXZ14]. **infected** [AELH10]. **Inference** [AHAH11, Ism14, WSS14, DCGS13]. **infimal** [BGRS12]. **infimum** [VAZS13]. **Infinite** [AØ14a, CCDS14, CGM10, FJ14, FGO11, GM14a, HLC11, HC14, IK13, KHKM14, LL13a, LF10, LS11, LLT+14, NH13, Oou13, PJ12, RHS11, WWG10, Zha11c]. **Infinity** [Obe13, BL13b, yGZ13]. **inflation** [EF14]. **inflation-indexed** [EF14]. **Influence** [GRZP10, LCCK13, ÁD12]. **information** [AEGB10, AR10a, CFGE10, DH10, DCGS13, Dom10, HD14, HM10, KS10a, LZT13, Wri10, ZM13]. **infrared** [LA10]. **ingots** [MKD12]. **inhomogeneous** [FPP14, Kro10]. **Initial** [MCS12, AGM12, AU14b, BS11a, CXL10, DAE13, EGH12, KP14a, KPKK12, KKN11, Mui10]. **initial-value** [DAE13, KP14a]. **injector** [ZZC11]. **Inner** [MK10, AB11b]. **Innovative** [BB10b, PDE+13]. **input** [DR14a, Kho11, LLL12, Zho11b]. **input-output** [LLL12]. **input-to-state** [DR14a]. **inspired** [Lay13, PGGCGF12, PKH14]. **instability** [YESD14]. **instantaneous** [GU10]. **instruments** [Fie13]. **insulating** [HW12]. **insurance** [Emm11, Sez10, YLS12]. **insurer** [LRZ14]. **integer** [CG11a, YT12]. **integrable** [Lan12]. **Integral** [Qi14, SZS11, ABS11a, AAM14, AE11a, ASST10, ASS12, AST14, AM14a, ÁECS12, AAD13, AAD14, AuI13, AuIK14, BH11, BMMR11, Bar13, BB11c, BGGG+11, BPGP11, BCC12, Boy11, BI12, BL11, Cai10a, Cai13, CZ12b, CGM10, CDK10, DSN14, De 14, DMR13, DCJ13b, ESM13a, EALA11, EHR11b, FMP14, Fat13, Fuk11, Fuk12, Fuk13a, Fuk13c, HTLI14, HNK10, IR11, IK11, IJMV10, JX10, JMS10b, KC10, KKPV11, Kre95, Kre11, LWXW12, LZ13a, LP10a, LFWL14, Mah14, MA13, MMS13, MA14a, Moh13, MMMG10,

NSZ10, NLO13, OMS10, OA14, Oou13, OPPV10, PN11, PLN13, PM13, Pas11, Pir13, Pir14, PGH13, RD10, RVN13, SYİ11, uIAAF14, TM11, Tar10, WWC14, WW14, WDZ10, Wu14, YZ11b, YSW12, ZFG10]. **integral-algebraic** [BL11]. **integrals** [BG11, CN11, CIPS14, Dom14, EJJ11, ELA10, EL11, Fat11a, Fuk13b, HTH10, JJE13, KXH13, KX13, LZY10, LWY10, LP10b, Prz10, Prz13, QZX+11, Sid14, WX10, Yan13]. **integrands** [CA14, KXH13]. **integrated** [AÖY10, BDV10, HTM14, KFR13]. **Integrating** [AEWMES11, CCG13b]. **integration** [AALMLM14, ASST10, AS12b, BSB14, BHBP10, DHR12, ESM13c, ESM13a, GP11, GPHAPR14, GH10b, JX10, KA12, LCCK13, Li12, LM14, yLGP11, MM12a, MT14b, NS13, Not14, Prz13, SL14a, SASH11, VVD+14, WW10b]. **integrations** [ZY14a]. **integrator** [KLNS11]. **integrators** [BBP14, BP12, Gon10, KHFC11, KV12, LT13, RG12]. **integro** [Beh14, BGL13, CA12, CZ12b, CC14b, DS12a, DZZ14, ESM13a, EDP14, FID11, JM13, LSD11, LX12, LW10b, LL13b, MR13, NS10, SH10, uIAAF14, SZS11, Wan10, WZ10b, WLZ14, ZFG10, Zha11a, ZAWA13]. **integro-differential** [Beh14, BGL13, CA12, CZ12b, CC14b, DS12a, DZZ14, ESM13a, EDP14, FID11, LSD11, LW10b, LL13b, MR13, NS10, SH10, uIAAF14, SZS11, Wan10, WZ10b, WLZ14, ZFG10, Zha11a, ZAWA13]. **integrodifferential** [Yan11]. **intelligent** [KFR13]. **intensity** [HZR14]. **intensive** [DCG+14]. **interaction** [APO14, CPP13, CDQ14, DBHV10, FHPH+13, Hui10, JMS10a, LVD+14, Mön10, NTPVNHLX14, PP10b, YZ11a]. **interactions** [FLEa10]. **interactive** [LJE+10, WJJ14]. **interclaim** [ZY11a, ZwGhX14]. **interclaim-dependent** [ZwGhX14]. **Interest** [CRS12, AH14b, BÜ14, GL10, YYL+10, Zhu14]. **Interface** [GN11, BY14, BJ12, DBHV10, KP11b, LZ12b, LZ14a, Lui10, MJ14, MMMG10, PTH10, PHA14, PTSK13, SGO14, XZW14, ZS11, Zho11b]. **interfaces** [Dek10, KS14d, LZ14a]. **interfield** [BHBP10]. **Interior** [EGBS12, KC11, Ku13, MWWY14, ADG11, BOS12, DH13, GQL14, GG13b, HCM14, HLSX11, LL11d, LG11, Més12, MRS10, PHS14, ZLL10a, ZW12]. **Interior-point** [EGBS12, LL11d, MRS10, PHS14]. **intermediate** [CSY10]. **intermittent** [EN14, HL10c]. **internal** [ZZC11]. **International** [SKS14, ABÇ+11]. **Interoperable** [KWXZ14]. **interpolant** [Bar13, BDH11]. **interpolants** [ABIS10, ASST10, BGIN13, DS10a, ILMS10, LMT13, Van10]. **interpolated** [Tan14a]. **interpolating** [BCR13, MSWY12]. **Interpolation** [CK14b, AW10, AB11b, BISS10, BGIN10, BBK+14, BLM11, BBD13, BC10, BK14c, BM11b, BDR11, BR14c, BF10, CD10, CLLX11, CW11a, CW12, CCH12, CW14a, CT10, CL11f, CBGVPP10, DS13b, DAE13, FZ11, GW12, GW14d, GSV11, HK14, JJK+13, JR14, KLK13, KPR11, LX12, LCXL11, LB11, MS12, ML14, NRS11, OR14, PTH10, QYZZ14, SW13, VCA14, WW11a, XZL11, Zha14b, ZL13]. **interpolations** [BCC12]. **interpolatory** [ADLT13, BCR11, CCS10, DGW10, Flo11, JŽ11, KP13, LLL+11]. **Interproximate** [LZ13b]. **interruption** [ZH10a]. **intersection** [HwKB14, LHF11]. **intersections** [Kim12]. **interval** [Boy10, CG12, CG11a, CIPS14, CBGVPP10, ELA10, EL11, GPO14, HD11, HDT11, KHKM14, LWW13, Liu11c, LLW14, OORO12, PS11c, WWG10, Yun12, ZCH10, ZD13]. **interval-valued** [Liu11c]. **intervals** [FJ14, LS11, MY11, NH13, Sch11]. **Introduction** [BDM+14, CI13, FHMZ10]. **intrusion** [WDG+12]. **intuitionistic**

[MS11c]. **invariant** [NF14]. **invariants** [ÁD12, BI12]. **inventory** [GU10, HD13, SJA12]. **Inverse** [BJR+12, LBM12, MVV14, Che10, CL11d, DY11, ENS14, FLHL14, FPGMG11, Fuk13b, GCH13, GCH14, HS10c, HY11, IK13, KS13, KKN11, Kro10, LL14a, lLfD10, LCI11, MMSW13, PS11b, PS14b, QT13, QC14, QY10, pWqSmZ14, XGL12, XW12, YL11b, YF14, YGHH14, YD11, YD12, ZFY11, ZMZ13, ZBC13]. **inverse-free** [QY10]. **inverses** [LHY10, MT12, SS14d]. **inversion** [Fuk13c, MRT13a, MT10a, NOS14, NA11, Tyr10, Zha13]. **inversion-free** [Zha13]. **invert** [GWX10]. **invertibility** [CID10]. **inverting** [MRT13b]. **Investigating** [BCHL11]. **investigation** [EASS13, GI10, LTFL10, NH13, ZLC10]. **investigations** [DAW11]. **investment** [AV12, CO13, HD13, LRZ14, XYW14]. **investors** [AÖY10]. **invexity** [SL14b]. **inviscid** [eMA14, SSP13]. **involving** [BCGMB10, BHMW13, DDDSC14, fLxX12, ML10, PY10b, QGG10, jTW14, XC14]. **ionic** [PSKA14]. **ionization** [BFHK12]. **irreducible** [LZI10]. **irregularly** [AB11b]. **ISE30** [IO14b]. **Ishikawa** [PS11c]. **Isogeometric** [MPS11]. **Isospectral** [CL11d]. **isothermal** [BSKL12, KCBA13]. **Isotropic** [MP10b, AC14a, ALM11, AM11, Bir11, Mau10, SZ10]. **isotropy** [BFS14]. **Issue** [FHMZ10, Gra11, BDM+14, MYZ10]. **issues** [FPGMG11, FLLT10]. **Itô** [Prz10, Prz13, ZAT11]. **items** [GU10]. **iterated** [FBB14]. **iterates** [Bog11]. **iteration** [AU14b, BBS14, BPGP11, BL13b, Cha10b, CJ10, CyY10, CwYyY11, ENS14, FF14, GT09, HVV10, HC11, Hua14c, Jia12, LL11d, LFWL14, LHL11, PZ13, SSP13, SH10, Sun14, WHLC11, WSWD11, WLD14, pWqSmZ14, ZC10a, ZZ11a, Zha14a, ZGZW10, ZY14b, ZM14, ZZ11b]. **iteration-by-subdomain** [Sun14]. **iterations** [FBB14, GKLZ12, Zie14, PS11c]. **Iterative** [CZ12a, CM10a, MD10a, PS11b, Yun12, ABG11, AH12b, CJY10, CSY10, CL14a, CTV11, CTV13, CHMT13, EGON10, EHR11b, GSGN11b, GSNA13, GSNDB14, GHR10, HSH12, HL10b, HL13b, bJfCwH14, Koç11, KPW10, LsGHZ10, LHY10, NK10, PR12a, yP10b, PS14b, PM11b, SAY13, SC10c, SG12, yS05, WL10b, WG10a, WZA10, Wan11f, Wan12a, WL14b, XSH10, pYXPH10, YLD13, YL14, ZSX11, ZZ11a]. **Ito** [OAHR11]. **iTraxx** [Nai11]. **IVPs** [DL12, SASH11].

J [ÁD15, Asl10, BAdS+12, CDKN15, Dai11, DC10, DD14b, DS13c, Gün10, Kre11, LB10, LHL11, TSC10, XSV13, ZJ12, vDvFZ13]. **j.cam.2009.08.041** [DC10]. **Jacobi** [Ali11a, LW10a, yLGP11, XN14]. **Jacobian** [AWF11, FYA+14, Gat14]. **Jacobian-free** [AWF11, FYA+14]. **Jakimovski** [BTSA14]. **Janowski** [KPA14]. **Jarrow** [VTLF11]. **JAVA** [AÖ11]. **Jean** [Khr10]. **jerk** [MT14a]. **Jesús** [MYZ10]. **jet** [KD10, KS12b]. **Joint** [ZZ13, DKU14, fLxX12]. **Josephson** [VMS12]. **journals** [BDR10]. **Jump** [Wei11, APW14b, BR11b, CLMR14, HGW13, HZR14, JWY11, KPsQ11, YSW13]. **jump-diffusion** [APW14b, BR11b, CLMR14, HGW13, JWY11, KPsQ11]. **jumps** [BBMY11, HS11b, LYZ11, OGM14, PO11, TW14, YZ10a, ZYL10, mZkPkL11]. **junctions** [VMS12].

Kalman [KK14]. **Kantorovich** [ABCP14, AH10b, AR11, AK14b, Zha11c]. **Kantorovich-type** [AR11]. **Kapteyn** [Dom11]. **Kawahara** [Asl10, Ass09, Kud10]. **KdV** [DI12, Sie11, YNO10]. **KdVB** [TA10]. **kennel** [LL11d]. **Kepler** [GWKE14]. **Kernel** [AY13, BM11b, BLR10, AST14, BH11, CGK10, DZZ14, EGBS12, EY10, GA12, GC11, HM11, JY13, LW13, MM11b, PM13, PS11a, PHS14, RD10, SD13, SYİ11, Wu10, YSW12, Yan13]. **kernel-based**

[PS11a]. **kernels** [AAD14, CC14b, JM13, JMV13, PS13, PGH13, Wu14]. **key** [AA14b, AK14c, NACLR12]. **keyboard** [MKK14]. **kiln** [KBKR14]. **Kind** [Vel11, ABS11a, ASS12, AAD13, BGGG+11, CN11, FZ11, Fuk11, Fuk12, Fuk13a, GQ14a, HNK10, IK11, KHKM14, LWXW12, LZ13a, LL11d, Mah14, OMS10, PM13, SP11, XL12, YZ11b]. **kinds** [Fuk13b, XLCC10]. **kinematic** [ZTP14]. **kinetic** [BG10b, HM10, WYY+12]. **kinetics** [SB10]. **Kirchhoff** [BySZZ13, BDyS14, GH10b, RT12]. **Kirsch** [BFLP12]. **Klein** [RGJ10]. **knapsack** [ARF14]. **knot** [Sla14]. **knowledge** [ZTS11]. **knowledge-incorporated** [ZTS11]. **Kolmogorov** [CHRZ13, FN10, GG13b, YFWH10]. **Kolomogrov** [KS10b]. **Koornwinder** [FPP12]. **Korovkin** [Akt14a]. **Korteweg** [HX14b, RTL14]. **Kraft** [SH13a]. **Krall** [FPPX10]. **Krall-type** [FPPX10]. **Kronecker** [CCS10]. **Krylov** [AMRS12, AWF11, BGPPRW14, FYA+14, IHRA11, KOV11, Liu14a, NL10, QY10]. **Krylov-methods** [BGPPRW14]. **Kummer** [DST10]. **Kuramoto** [GP10, VMMM10]. **Kutta** [FG14, LO14c, SCRG12, BR11b, BB12c, But12, CFMR12, DP14a, DR14a, FBB14, GPHAM10, HVV10, HHKK14, HSY13, KKR11, Kha10, KB11, LL14a, LO14a, MK11, NTNBV14, PR10, Xie11]. **Kuznetsov** [NNO12].

L [DA14, DMB10]. **L-shaped** [DA14, DMB10]. **laden** [GKT10, GKT11]. **lag** [Bak10, SCRG12]. **Lagrange** [Ger12, NRS11, OR14]. **Lagrangian** [BBKS10, CCS11, Che14b, CRF14, RMF11, RYM+14, XMC11]. **Laguerre** [BLO11, CIPS14, DM10b, FS10, SMMD11, qW11, ZX10]. **Lambert** [Fuk13d]. **Lanczos** [Kni10, NY14, TL13]. **Lanczos-type** [TL13]. **Landau** [BPS12, JK10c, PS14c]. **Landweber** [ZC10a]. **Laplace** [AA12, BFDP13, ÇU14, Dos14, Dou12, KOV11, Li11a, MT10a, ML10, NA11, Obe13]. **Laplacian** [AM10b, BL13b, CCG13b, KF11, KLL11a, KLM14, WZ10d]. **Large** [BKTY14, GJCL11, LV13, WCZ11, AG10b, BGPPRW14, BFG+14, BHJ11, BGKVW10, CD10, CXH09, DHSW14, DdS14, DSL12, Dra13, DS11, DJ10, FV10, GGH+14, GG13a, KR10, LwCLW13, LZ13d, LP10c, MRS10, NL10, PR12a, SW12a, Sez10, YPL10, ZJ12, ZGZW10, ZM14, FDD10]. **Large-Eddy** [FDD10]. **large-order** [DSL12]. **Large-scale** [BKTY14, LV13, AG10b, CXH09, DdS14, GGH+14, LwCLW13, YPL10, ZJ12]. **largest** [LZI10]. **latent** [DJM10]. **lateral** [PDE+13]. **Lattice** [BCD+10, CMR11b, Har11, HBE14, HHLW14, LZ13e, SH12, SL12, Tan14a, WSJ14]. **Lattices** [JKK+10, Vit10, BLR10, CH11, GM14a, KP11a, SKAM11]. **Laurent** [BHJN10, DMGVPN10]. **Lauricella** [MGZ10, Zho11a]. **law** [BGP11]. **laws** [AGJ13, HK13a, LP10a, MSZ13, SR13, YNO10]. **Lax** [CET14, Lan10, Li12]. **layer** [CP13a, CHH10, GQL14, GD10, RL10, SZ10, Sun14, TA13, VT14, YESD14]. **layered** [KP11b]. **layers** [CHH10, Li11b]. **layout** [ZBZ10]. **leading** [Bai13]. **learning** [BGS12, LMM+10a, LMM+10b, NA11, QTS14, SH13a, SGZ10]. **Least** [BSV10, GLHCLP11, Ku13, WWC14, XHmDW14, AG10b, CC11a, HPL+14, JKS13, KH11, KNY10, KP10b, LV13, LZ12a, LZ13d, LEVG12, MPC10, Nie13b, SD13, TR11, Tor14]. **Least-squares** [BSV10, GLHCLP11, Ku13, CC11a, KH11, KP10b, LZ12a, MPC10, Nie13b, TR11]. **Lebesgue** [BDH11, BSV12, CA12, PS14c, Prz13, RSV12, Zha14b]. **Lebesgue-like** [RSV12]. **Left** [BLTW10, lLfD10, ZZ12]. **Left-definite** [BLTW10, ZZ12]. **leg** [LW10b, YW10]. **Legendre** [CT11, DSN14, DHS11, EJJ11, LSD11,

LYD13, NLO13, Odi11, PN11, PLN13, ZX10]. **lemma** [LHLL10, YNO10]. **lemniscate** [Boy11]. **length** [AHR14, EI14]. **lengths** [SMDMY10]. **lens** [WUB10]. **Leon** [XSV13, XSV12]. **less** [HJ11]. **Letter** [KN10b]. **level** [BW14, BK14b, CG10a, GW14a, GGS12, HPR12, KSA14, Kuz14, LFWL14, PM11b, TNN10, XN14, ZM13, ZY14a, BHMW13]. **Levenberg** [Zho13]. **leverage** [IO14b]. **Leviatan** [BTSA14]. **Levin** [Luo10]. **Levinger** [AM10a]. **Levy** [NR14b, BM10, EY14, IK13, LL13a, LS10, RE10, ZRW11]. **library** [KWXZ14, MKS12, SKK14]. **lid** [DA14]. **Lidstone** [AW10, CDD12]. **Lie** [eMA14, Liu12, MT14b, NH10]. **Lie-group** [Liu12]. **life** [Ism14]. **lifetime** [ADA13, Ery13a, LWH+11]. **Lifshitz** [BPS12, JK10c]. **light** [BCM10, NA11]. **like** [AMMS12, AH13, BDD+10, DW10, DI12, FGO12, FWBSBGA11, GST12, KS10a, MA13, MMX10, PY10b, RSV12, RBD11, RBD14, Rom11, Zha14a]. **likelihood** [BAU13, BA10, MD13, Tor14]. **Limit** [PL10a, PTP10, ZWZ11, ÁNA14, BRZ10, CR14, CGS13, KG12, LFY11]. **limited** [KM10, VL13, Wri10]. **limited-memory** [VL13]. **limiter** [GZ10, Kuz10]. **limits** [HW10, LLL+11]. **Line** [BI12, KK13, AV10a, BGVHN13, CBGVPP11, CWQ11, MBS10, OR14, Zho13, ZX10]. **Linear** [CG10a, CG12, EI14, IO14a, LZ12b, AS10a, AAI14, AMÇ13, AMPR10, AS11, ASK11, ÁECS12, AS12b, AIA10, AC14b, AKT12, AKT14b, BBP14, BY11, BS10a, BGRS12, BB11c, BK14c, BP12, BKTY14, BJ14, BNRZ12, Büy12, CK13, CS10, Cao14, CLS14, CI13, CRM10, Dea11, DH11, DS12a, Dra10, DJ14, DSY+11, DS12b, DS13c, DR14c, EGBS12, EK12, Fad10, FJ10, Fat11a, Fat13, FJP14, FV10, FSB10, GW12, GLHCLPN10, GLHCLP11, GPVL10, GP11, GG10, GT09, Gwi13, HZ11, Han11, HHX14, Har11, HD11, HR10, HR12, Hu14, HS12, Hua14b, IK11, IJMV10, JS10, JWW14, KS12a, Kho10, KL10a, KKN11, KN10b, LLS14, LJCL11, LLP12, LHLC13, LW13, LWW13, LL11c, LJ12, LHL13, Liu14a, Liu14b, LLW14, LC10, LHL11, MHL11, Man11, MJ10b, MZL14, MM11a, Mol10, MPC10]. **linear** [MMMG10, NF14, NMS10, NLL13, PW12, PT11b, PT12, PHS14, Pul14, RST14, Rum13a, Rum13b, SA14, SSP12, SC10c, SZJ12, SCDA10, SSF+11, TL13, WWL10, WH10, WH13, WL14b, YT12, YSW12, ZTS11, ZDZ11, Zha11b, ZG14, ZYW14, Zha11c, ZGZW10, ZY14b, ZTP14]. **linear-growth** [FJ10]. **linear-phase** [Han11]. **linear-quadratic** [BP12, CK13]. **Linear/linear** [IO14a]. **Linearity** [Kuz12]. **Linearity-preserving** [Kuz12]. **Linearizability** [CHRZ13]. **linearization** [CK11, GSM11]. **linearized** [APJ10, CC14a, DJM10, HX14b, IHRA11, Wan11d]. **linearly** [KW11, MF14]. **linearly-implicit** [KW11]. **Liouville** [BAK11, Cha10a, CO11b, CSZ11b, GCH13, JTV14, Liu12, MRD13, RB13, Reu10, ZM10, ZZ12]. **Lipschitz** [CSY10, KS12c, MS13a, SS14b]. **Lipschitz-continuous** [CSY10]. **Lipschitzian** [pYXPH10]. **liquid** [FGEM10]. **liquidity** [JM12]. **Little** [BLO11]. **Littlewood** [Kuz13]. **Liu** [DAH11]. **Liu-type** [DAH11]. **LMI** [LF11]. **loading** [MMMG10]. **loads** [WHLC11]. **Lobatto** [AK11]. **Local** [EJ10, Fer11, FGO12, KV12, NRS11, PPG14, RSGL14, Rom11, SLP11, WK14, AMV13, AH12a, AH13, AKT12, AKT14b, BDSG10, BCR13, CHRZ13, CXZ14, DCGS13, DS14, DS10b, FPP13, GSNA13, GSNDB14, GM10, GM13, GLLM12, HKK10, HX14b, KMD12, Li12, MD10b, RA10, RT12, SSW14, ZZP13, ZY14a, ZLC11]. **Local-global** [PPG14]. **Localized** [LWW13, FDH10, Lak13, SKAM11]. **Locally** [APJ10, FKNS11, KF11, ZTC11]. **locking** [CRM10, GCY13, HKO11, YC10].

locking-free [CRM10, HKO11, YC10]. **LOD** [Wan11e]. **log** [AP14b, Ayd14, KH13, LTZ10, MSWY12, PRT10]. **log-aesthetic** [MSWY12]. **log-barrier** [LTZ10]. **log-elliptical** [KH13]. **log-harmonic** [AP14b, Ayd14]. **logarithmic** [AAD14, Dom14]. **logarithms** [CL10a, WZ12]. **logistic** [MSW14, Pir13, Pir14]. **logistic-normal** [Pir13, Pir14]. **logistics** [SCRB+14]. **Long** [LTX12, SC10d, Wan13, BG11, BBD+11, Cai10b, EN14, GPKV10, HHP+10, Hui10, JW10a, MM11b]. **long-range** [Hui10]. **Long-time** [Wan13, BG11]. **long-wave** [Cai10b]. **longitudinal** [JL11]. **lookback** [KPsQ11]. **loss** [EC13, GSK11, VAZS13, ZY10, Van11b]. **Loss-Given-Default** [Van11b]. **Lossless** [AMR13]. **Lotka** [TSC10, NPTH09]. **Love** [Pas11]. **Low** [BG10a, BB12c, DLWZ14, YLD13, AÖÖ14, AM14b, BC12, CFMR12, CLP10, DLG14, Dax10, DMMP10, EI14, Gat14, JJK+13, JWW14, KPV14, LZH14, MU14, MDVB13, TA13, UM14, WH10, WH13]. **low-frequency** [CLP10, TA13]. **low-Mach** [DMMP10]. **low-order** [AM14b]. **low-rank** [Dax10, Gat14, JWW14, MU14, UM14]. **lower** [LLX14, WZS10, WLZ14, XMSS11]. **LP** [XCY12]. **LQP** [LZ11]. **LQP-based** [LZ11]. **Lü** [PL11]. **lumped** [pZxY12]. **lumping** [ZD11]. **Lundberg** [Zhu14]. **Lupas** [HCQ14]. **Lyapunov** [AAY11, Büy12, PWZ11, YKL10]. **Lyapunov-type** [YKL10].

M [KKK12, KKK12, WYP10, ZH10a]. **M/G/1** [WYP10, ZH10a]. **M/M/m** [KKK12]. **Macaulay** [BDD14]. **Mach** [DMMP10, MDVB13]. **machine** [BGS12, LMM+10a, LMM+10b, PC12b, QTS14, TNN10, Wu10]. **machines** [NGAZ11]. **machining** [KS12b]. **macro** [ZTP14]. **macro-zones** [ZTP14]. **magnetic** [MKD12, SM14a]. **magneto** [TKW12]. **magneto-quasistatics** [TKW12]. **magnetostatic** [KCBA13]. **magnets** [MKD12]. **magnitude** [OB14]. **magnitudes** [Wei11]. **Magnus** [BP12]. **majorant** [AH12a, Fer11, FGO12]. **Majorizing** [AH12b, CAA10, EGH12]. **making** [FJLL10, HZ14, KWW11]. **malignant** [Kni10]. **management** [FM14, SKAM11]. **manifold** [PTSK13]. **manifolds** [ABCP14, FB12]. **Mann** [PS11c]. **Manning** [CCG+13a]. **manufacture** [Wu10]. **many** [CKM14, Esc14b, Mol10, WWG10, Yun12]. **map** [MHH+14, NH10, SSP12]. **mapped** [SWY14]. **mapping** [AC14a, Ayd14, DL14a, LDGY10]. **mapping-collocation** [AC14a]. **mappings** [AP14b, CSY10, CM10a, ĆRR+10, CGK10, HQR13, HLC11, HL10b, JK10b, KPA14, QCK10, She10, WG10a, WZA10, WSWD11, XSH10, pYXPH10, ZYG10]. **maps** [SC10a]. **marginal** [fLxX12]. **market** [Emm11, GS14]. **Markoff** [Khr10]. **Markov** [APW14b, BSZ13, CGW14, HS10b, HXSF14, Rie13]. **Markov-switching** [APW14b, HS10b]. **Markovian** [EY11, GLHCLP11, LXY13]. **Marquardt** [Zho13]. **Marshall** [AKA14, OB14]. **martingale** [NR14b, ZWZ11]. **martingales** [Lan12]. **Maruyama** [CZ13, LXY13, MSG11, TS14]. **masks** [YSZ11]. **masonry** [SKKS12]. **Mass** [KH11, BK14b, Kuz14, YBD11, pZxY12, ZD11]. **matched** [Li11b, PTH10]. **matching** [DDV10, GS14, XCY12, ZyG14]. **material** [GRZP10, Kro10, ZSD10]. **materials** [BSB14, CC13c, DC10, DCZ10, FdOS12, KSRM12, NSZ10, ZS11, ZTP14]. **Math** [ÁD15, Asl10, BAdS+12, CDKN15, Dai11, DC10, DD14b, DS13c, Gün10, Kre11, LB10, LHL11, TSC10, XSV13, ZJ12, vDvFZ13]. **Mathematical** [AVA13, CHMD14, Fie13, FLEa10, LLG14, MR10, SRA10, VAV11, AHLJ14, DH14,

KSK11, KPsQ11, LGR11, LZL11b, RYM+14]. **Mathematics** [AGK+14]. **Mathieu** [ZRK+12]. **MATLAB** [AS12a, HSH12, MR11, BGPPRW14, BFG+14]. **matrices** [AS10a, ADGP12, ADGP13, Bai13, Bel13, BGM10, BCC+13, BVV10, CJY10, Cao13, CL10a, Cin12, Cin14, CM10d, DDDSC14, DR14b, ESM13a, EGST11, FV14, HY11, Hua14b, JWW10, JWW14, KA10, KF11, KS14b, KS13, KMG12, KMS14, fLyHZ10, lLfD10, LCI11, MVV14, MT12, MRT13b, MRT13a, MVC10, PTP10, PW13, QT13, VVV10, VVM10, WH12a, WH12b, XLCC10, YL11b, YGHH14, YBD11]. **Matrix** [Cas10, CKM14, RB13, AMMS10, AB11a, AWF11, AC14b, BMMR11, BDD14, BR14a, BJRS12, BL10c, CL13b, CFJ+11, CO11b, CH13, Dax10, DdS14, DCGS13, DDM11, DH11, DLWZ14, DP10b, EGST11, FKL10, GH10a, Gat14, GZ11, GG12, GKLZ12, GZ13, Gün10, GKL12b, HX14a, HD11, KR10, LRT13, LsGHZ10, LHL10, LZH14, LZ14b, dL14b, LYD13, MV12a, MMX10, Mir14, NH10, OORO12, yP10b, PWZ11, PGGCGF12, SST12, SC10c, SRWZ14, VVV10, WL10c, WH10, WH13, Win14, XCZ+11, Yar10, ZC10a, yZ11c, Zha13, ZD14, Zha11c, ZY14b, ZLG12, Zie14, PGGCGF14]. **matrix-free** [DdS14]. **matrix-valued** [FKL10, Yar10]. **max** [XMC11]. **max-bisection** [XMC11]. **Maximal** [ASK11, ADGP12, BN14, ZYG10]. **Maximal-** [ASK11]. **maximization** [BOR+12, LQYL11, Liu11b]. **maximize** [FTTT13]. **maximizing** [LRZ14, Zha14a]. **Maximum** [CS10, lLzS11, MD13, WW10a, Wan11d, AA14a, AELH10, BAU13, BA10, BFLP12, Min10, NO12, Tor14, VAZS13]. **Maxwell** [DS13c, AC14d, BL10a, BKL14, Cui14a, DS14, DS10b, DS12b, GM10, HL11, Li11b, WHL13, ZML14]. **MCMC** [Law14]. **MDG** [AAD14]. **Mean** [CW14c, Hua14a, PP14, TS12, BF10, CZ13, EY11, Hua12, Liu11c, PO11, SW10a, TS14, ZW14]. **mean-absolute** [Liu11c]. **Mean-square** [TS12, CZ13, TS14, ZW14]. **Mean-variance** [CW14c]. **means** [HH13, HH14, RPS+11, SS14b, XCY12]. **measure** [DLSV14, IK13]. **measured** [fLyHZ10]. **Measurement** [KG14, GRZP10, LD10, LS14, LZSL11]. **measurements** [GLHCLPN10]. **measures** [ABN10, BBB10, CFdAR11, CBGVPP11, GHM10, KS10a, Liu11b, NR14b, SMMD11, ZZC10, dJP13]. **mechanical** [CA12, KA14, NRS10, VSB12, WL11a, WLL+11]. **mechanics** [KLM14, Vel10]. **media** [AH10a, AJK12, BUG+13, BGLV11, BKL14, CC13c, DQST14, EASS13, GK14, GPZ10, LE10, LM13a, MHL11, MOG10, MS13c, PDE+13, RP10, SSW14, SBFC10, SRP+13, TA13, YMB14]. **medial** [KL11]. **median** [SST12]. **medium** [ATS14, COW10, KP11b, PSRV10, Rah14]. **Meixner** [FCS12]. **Mellin** [FS10, LP10b]. **membrane** [SS14e]. **membranes** [CHMD14, Kro10]. **Memoriam** [Ano10b]. **memory** [BS10a, DP12, DP14c, VL13, Wan13, YLD13, ZW11b]. **Menke** [MBS10]. **merging** [Lu14]. **meromorphic** [JLZ14]. **Mesh** [ZD11, BISS10, BFB14, BFS14, FiMO10, FRB13, HKK10, HJ11, HK14, KM10, Kva11, Li10, RW10, RKS+13, RZD14]. **Mesh-dependent** [ZD11]. **mesh-less** [HJ11]. **meshes** [BSV10, Cao14, CBB13, Cui14a, DCJ13a, Dou12, DLP13, GKU14, HS12, JKS10, Lam14, LQSL11, MWWY14, NTRNXB10, SW12a, Sch14c, SW13, SDK10, TCD11, Wu14, WZY+14, YZ11a]. **meshfree** [AV10b, BBD13, MMP11]. **meshing** [RWRS14]. **Meshless** [MD10b, AAD13, AAD14, DS12a, DS14, FND10, KL10b]. **Message** [AK14c]. **meta** [CC13c]. **meta-materials** [CC13c]. **metaheuristics** [LEVG14]. **metal** [PSKA14]. **metallic** [BCD+10, LVD+14]. **metamaterials** [Li11b]. **metamodel** [LZWJ11].

metamodel-assisted [LZWJ11]. **methane** [GJCL11]. **Method** [ASM13, AAY11, DDV+11, MNQ14, Sta11, ABIS10, ABS11a, ADG11, ACF+14, Ali11a, AHK14a, AU14b, AC14a, AWF11, AHH13, AS12b, Ant11, AV10b, AD11b, AIA10, AH12a, AHK14b, Asl10, AAD13, AAD14, Ass09, AK14d, AuIK14, BMMR11, BS11a, BSS14, Bar11, BFDP13, BT12, BA10, BFLP12, BY14, BS10b, BG14a, BPGP11, BCC12, BKB14, BLKZ10, BJ12, BDT+13, BGP11, BJRS12, BEJ14, BFP11, BySZZ13, BDyS14, BCC+13, BGP14, Cai10a, CM12, Cai13, CHL11, CZZ14, CZWD14, CCG13b, CA12, CGS12, CL11a, Cha10b, CY11, CCJC13, CZL14, CL10b, CL11d, CL11b, CSZ11a, CLW14, CFF12, CV10a, CMR11a, CKM14, CFJ+11, CC13c, Chu10, Cie14, CGS11, CG13, CvdMS12, CT10, CHMT10b, CRF14, Cui10, CyY10, DSC09, Dai11, DW11, DS13a, DV13, DR14a, DS12a, DAE13, DS14, DO12, Dha14, DCJ13b, DMB10, Dos14]. **method** [DGC+13, DJ14, DH13, DSY+11, DSZ11, DZZ14, DJ10, DS12b, DS13c, Eba11, EGES14, ENS14, ESM13b, EG11, EDP14, EGH12, EHRV13, FL10a, FLHL14, FMP14, Fat11b, FiMO10, Fer11, For10, FV13, Fu10, FLKW14, GZ10, GW10, GCH13, GW14b, GKU14, GPVL10, Gat14, GUBS13, GC11, GQL14, Gia14, GCY13, GS12, GH10b, yGlJ11, yGZ13, GZ14a, GZ14b, GP12, HPL+14, HQR13, HHX14, Har11, HJ11, HZ14, HL10a, HLC11, HK13a, HML14, HH13, HH14, HBE14, HM11, HHZ11, HL14, HL10c, HYY14, HX14b, ISN10, IK13, IR11, JLZZ10, JWL13, bJfCwH14, JW12, JW10b, JJE13, KH10, KH11, KFR13, KMHM14, KKK14, KHKM14, KPsQ11, KOV11, Koç11, KN10b, Kok11, KS14d, KP10b, Kud10, Lam11, Lam14, LV14, LL13a, LVD+14, fLyHZ10, LsGHZ10, LZ11, LL11a, LT11, LLCL11, LLP12, LHLC13, LW13, LZ13a, Li14, LL11b, LY10]. **method** [LY13a, LLT+14, LLX14, LTZ10, LMY11, LMYJ12, LMG13, LZ13c, LZ13e, LZ14a, Liu14b, LZ14b, LJE+10, Lu14, Lui10, LC10, MX10, MS11a, Mah14, MRD13, MMF10, Mar11, MSP12, MMS10, MZL14, MN10, MV12b, MD10c, MML11, MSZ13, MRS10, MPC10, MWWY14, NS10, NTRNXB10, NLL13, NBZ13, NY14, NH10, NNB13, NS14, OCU11, ORP14, Pag10, PTH10, PDP13, PHA14, PL10a, PS11b, PS14b, PR11, Pov14, PMC11, QXW10, QYZZ14, QY10, RP10, RK11, RD10, Ren10, Reu10, RBD11, RBD14, RMF11, Ros11, RX10, RR10, SAY13, SCFR14, SD13, SS14a, SSP13, SW12a, Sch14c, SL14a, Sha14, SH10, SY11, SC10c, SGG11, SASH11, SHZ12, SLP11, uIAAF14, SB10, Śmi11, SSR10, SG12, Ste10b, Sto11b, SSK+13, yS05, SZ11, SM14b, Sun14, SGO14, SKN11, TM11, TR11, TBK14, UBSG12, VL13]. **method** [VS14, WTM12, WW10b, WCW10, WG10b, Wan11e, WHLC11, qW11, Wan11f, WLWH11, WC11, WCH11, WZ12, Wan13, WY13, WWC14, WMGM14, WW14, qWhY11, WZ11a, WH10, WH13, WM12b, pWqSmZ14, WL14b, XZW14, XWW10, Xie11, Xio10, XL11, XW12, XZH14, XCZ+11, XMSS11, XCQ14, YPL10, YJ11, YC11, YSW12, YF14, YÖVAYOW14, YP10a, YSQ11, YL14, YY10, pZxY12, ZLL10a, ZL10, ZFY11, yZ11c, ZHCW12, ZMZ13, Zha13, ZyG14, ZYW14, ZTC14, ZD14, ZFM14, ZY14a, Zha10b, ZBC13, ZW10, ZYL11, Zho13, ZC13, ZCX14, ZLC11, ZLG12, ZFH10, ZW14, dAGR10, BG13, BHMW13, NK10]. **method-flux** [VS14]. **methodology** [PGGCGF14]. **Methods** [AVA13, QLL11, SPC14, SKS14, VAV11, AMRS12, AS10a, AMT11, AM10b, AK14a, AT10, ASST10, ASS12, AST14, ABÇ+11, ADCC12, ÁD14, ÁD15, ABG11, ABCP14, ABS11b, AY13, AR11, AEG+11, AH12b, AH13, AK14b, APJ10, AKT12, AKT14b, BKGMA10, BK14a, BDD+10, BY11, BY12, BBKS10, BCM10, BK14b, Bay14, BGPPRW14,

BSB14, BHL11, BDMR10, Bog14a, BKL14, BHJ11, BMN10, Boy13, BJ14, BOS12, BCMR12, BI12, BL14, BR11b, BL11, BB12c, BHBP10, But12, CDTV11, CFMR12, CJY10, CZ13, CCG12, CM13, CLS12, CC11a, CJ10, CAA10, CPY10, CHX11, CZ12b, CC13b, CG14, CXZ14, CXH09, CR14, CM10a, CT11, CH14, CDJP13, CHMT10a, CTV11, CHMT12, CHMT13, CN10, Cui14a, DEP11, DP14a, DP14b, DSN14, De 14, Dek10, DA10, DL12, DXL10, DMR13, DQST14, DP14c, EO14, EGBS12]. **methods** [EHR11b, EJ10, FID11, FBB14, FKNS11, FKL13, FYA+14, FGO12, FND10, FG14, GS10, GR12, GN14, GSK11, GK11, GPZ10, Gia12, GH14b, GAS14b, GPHAM10, GPHAPR14, GPHAS14, GSGN11b, GSNA13, GSNDB14, GM10, GM13, GT09, HX14a, HSH12, HHL12, HHKK14, HVV11b, HV12, HGW13, HNK10, HGW12, Hua12, HL13b, Hua14a, Hua14c, IJMV10, JK10b, Jeo10, JK13, JX10, JL11, JM11, JM13, JD13, JWY14, JKS10, KKR11, KS12a, Kha10, KL10a, KPKK12, KNY10, KA14, KB11, KB12, KB13, KK13, KSTW14, Ku13, KL14, KW10, KW11, Kuz10, Kuz14, Kva11, Lak13, LTX12, Li11b, LJCL11, LXY13, LZDW14, LM12b, LLSW11, LM14, LZ10, LW10b, LHY10, Liu11a, LL11d, LP13, LO14a, LO14b, LO14c, LHF11, LFWL14, LHL11, MLZ14, MS13a, MD10a, Més12, MM11a, MMSW13, MA14b, MFL13, MJ14]. **methods** [Mui10, NY12, NSZ10, Nei14, NTNBV14, NL10, NASNY11, NÖ10, Obe13, OMS10, OS10, OAHR11, OPPV10, PN11, PLN13, PR10, PT11a, PT11b, PT14, yP10b, PW13, PPH10, PRM11, PHS14, PAJ10, PZ13, Pul14, PM11b, QCK10, RS10a, Ran14, RB13, RS10b, RZD14, RA10, RSGL14, Sch14a, Sch14b, SLW14, SH13b, SBL12, SBCD10, SLD13, TL13, TP10, TCD11, Tor14, WL10b, WHL10, WWL10, WL10a, WZF11, Wan11b, WD14, WLD14, WA14, Wei11, Win14, WT14, WZ14, XCY10, XCY12, XL12, YZ11a, YFZ14, YW10, YL11c, Yun11, Yun12, ZSX11, ZML14, ZDZ11, ZJ12, ZG14, ZLW14a, ZYG10, ZGZW10, ZY14b, ZM14, ZCS11, Zho11b, ZC10c, ZZ11b, ZX10, AGM12]. **metric** [ĆRR+10, CFdAR11]. **metrics** [HK14]. **METU** [AGK+14]. **MHD** [ATS14, Rah14]. **MIB** [XZW14]. **Micchelli** [PS14a]. **micro** [APO14, Sun14, ZD10]. **micro-porous** [Sun14]. **micro-shock** [APO14]. **microindentation** [GRZP10]. **micromagnetism** [CM10b]. **Micromechanical** [BDMP13, LCCK13]. **Micromechanical-based** [BDMP13]. **microstructures** [ACF+14]. **microwave** [WB10]. **mid** [DDV+11]. **mid-frequency** [DDV+11]. **middle** [ILEE13]. **midpoint** [WDZ10]. **mildly** [CZ12a]. **mill** [SH13a]. **Milstein** [OAHR11]. **Mimetic** [SPC14, VVD+14, BB10b]. **MIMO** [BGKVW10]. **min** [ZWM11]. **min/max** [ZWM11]. **Mindlin** [WLL+11]. **Minimal** [BC12, AHR14, ASK11, BFGP10, DSZ11, FS12a, IA13, LMYJ12, PGGCGF14, SCFR14]. **minimax** [GD14, Naz11]. **minimization** [CC14a, FB12, LZH14, LHC14, LPLX10, Owa12, RBD11, RBD14, SAY13, SS14a, YKL11]. **minimize** [NGAZ11]. **minimizers** [Ant11]. **Minimizing** [BBB10, PVM+14, HHX14, WC14]. **Minimum** [CG11a, MVC10, Dax10, JWY11, LHC14, MD13, PW13, SW10a]. **Minimum-energy** [CG11a]. **mining** [AC14c]. **MINRES** [Jia12]. **Mirakjan** [Mah11]. **Mises** [ZTP14]. **missing** [ÁAG+13]. **mistuned** [ZTL13]. **Mitscherlich** [Nie13b]. **Mixed** [BM11a, MT14a, AM14a, AB10, AM14b, BP11b, BGL13, BLKZ10, BFP11, CM12, CB13, CPY10, CW14b, DW10, DCJ13b, DS12b, DS13c, FFM+11, FND10, GSM11, GTS14, HK11, JL11, KAE+11, Kur10, Lam11, Lam14, LLS14, LF11, LTFL10,

LWZ13, PL10a, PY10b, RMP+13, RBK11, SZS11, SM14b, WZ10a, WHL13, WZY+14, XCY10, YJ11, dFGAN11]. **Mixed-mode** [MT14a]. **mixed-type** [LTFL10]. **mixture** [GMRK14, HW10]. **mKdVB** [TA10]. **ML** [Yeu14]. **MLPG** [MD10b]. **MMOC** [CL11b]. **MMOCAA** [CL11b]. **mobile** [RYM+14]. **modal** [OS10]. **mode** [CFH14, HK13b, MT14a]. **Model** [AG10b, AHAH11, AALMLM14, AHLJ14, Alz10, ABS11b, AC14d, hBW10, BÜ14, BA10, BSB14, BAAS11, BBD+11, BGKVW10, BJ13, CSL+11, CM12, CR12, CP13a, CL11c, CO13, Che14b, CGW14, CSC10, DMMP10, DME+12, DN13, DL13, DH13, DF14, Ery13a, FCS12, FGO11, FLHS+13, GL10, GW14c, GÖ14a, GD10, GLLM12, HHT12, HdJL+13, HD13, HLWM10, HW10, HL11, HZR14, ILEE13, Ism14, JMS10a, JLZZ10, KMD12, KSK11, KP10a, KD10, KMLT10, KMP14, LGR11, LQYL11, LRZ14, LSW11, LL11c, LZ13e, LB14, LJE+10, MA13, MOG10, MKK14, Mee12, MP10b, MR10, MVMG12, Naz11, NO12, NPTH09, PY10a, PM11a, PHA14, PPG14, PSKA14, RMP+13, SMD14, SH13b, SI11, SWT12, SRA10, SOL11, SSF+11, Sun14, SS14e, Sza10, TYCL14, TSC10, TT14b, VTLF11, WLL+11, Wan12b, hXZ11, XSV12, XSV13, XZ14, XYW14, YZ10a, YYL+10]. **model** [YLS12, Yua12, YZ10b, ZZSW11, ZYL10, ZY10, ZY11a, ZZS11, Zha14c, ZD10, ZZ13, Zhu14, ZwGhX14]. **Modeling** [AVMVMV10, Sez10, APO14, BSPD14, BÜ14, CCG12, CHMD14, CLP10, EX14, GR12, GUO14, HDF+10, HHH+13, HT14, KPsQ11, LA10, LCCK13, MR10, PTP10, RYM+14, VBP+10, WDG+12, WL11a, ZM13, Zim13]. **Modelling** [Nai11, FLEa10, ILEE13, LP10a, PDE+13, vGALL10]. **Models** [WW10a, AMPP11, ÁD11a, AP10, ADLS14, AELH10, BCM10, BCHL11, BHL11, Bir11, BKTY14, BB12b, BGP14, CC11b, CDQ14, CLMR14, CH11, DJM10, DDG+13b, DAH11, DF12, DFH14, FPG12, Fer14, Fie13, FPP13, GCNL14, GMRK14, GS14, HS11b, JK13, KAS13, LL13a, LEVG12, LEVG14, LNJ+10, LS10, LYP13, MOA10, MHH+14, NRS10, PDE+13, PGGCGF12, PPG14, Sch14d, Ven10, WF10, WA14, WS13b, WSS14, ZH10b, ZCX14]. **Modern** [ABÇ+11]. **modes** [BKMG11, Lak13, fLyHZ10, SKAM11, Tau13]. **modification** [And10, KLK13, Nau11]. **Modifications** [LW11, CHMT10b, HH13, HH14]. **Modified** [BAU13, GCH13, Liu11a, RPS+11, Vel11, WHL13, ABHMW11, AC14a, BKGMA10, BK14a, BA10, BLKZ10, Cai10b, CYJ13, CLW14, DW11, DD11, DCJ13b, FLHL14, FS10, GW14b, GG14, HXW11, KF11, LP13, Mah14, MML11, Wan11f, WSWD11, WMGM14, XWW10, XSW12, XZH14, pYXPH10, YWL14, Zho13, ZC13]. **modular** [RP11a]. **module** [GZ11]. **modulus** [ZY14b]. **modulus-based** [ZY14b]. **moisture** [LMW+11, SDK10]. **molecules** [Bra14b]. **Möller** [WZD10]. **mollification** [YF14]. **MOLP** [LJE+10, LJMG11]. **Moment** [DDV10, BHJN10, CR14, FKL10, GA12, GS14, LM13b, XCY12]. **moment-closure** [CR14]. **moments** [ACH11, Han11, Tor14, ZH11]. **momentum** [KH11, RG12]. **Monge** [Nei14]. **monitoring** [BL10b, SH13a]. **Monolithic** [SCDA10]. **Monotone** [EZ14, Wan12a, AAK10, Bog11, Bog14a, Bog14b, CSY10, EGON10, LZ11, pLjH10, SZ11, Wan11f, YPL10, Zha10a, ZYG10]. **monotonic** [WF10, WS13b]. **Monotonicity** [MP10a, LWZ13, QGG10, Qi14, WZ10a]. **Monte** [GPVL10, KZ13, LM13a]. **Moore** [PS11b, PS14b]. **Morley** [BySZZ13, GH10b, LGM14]. **Morozov** [Wan12b]. **Morton** [VTLF11]. **motion** [ÁE10, ÁE11b, BM10, BB11a, DA14, JL11, PW12, VAZS13, YÖVAYOW14]. **motions** [JJK+13, KPV14, SGO14]. **Mountain** [GPO14, TT12]. **movement** [Dou12].

Moving [PP10a, CS10, DQST14, FiMO10, FRB13, GTS14, HS12, MLZ14, RKS+13, RZD14, SD13, ZS11]. **MPCC** [MR11]. **MPRP** [LT11]. **MR3144710** [GZ14b]. **MRI** [RPS+11]. **MSSOR** [ZHCW12]. **Mulders** [Har11]. **Multi** [GKB10, GD10, HVV+11a, Wan12b, AG10a, CP13a, Cha11a, CCH10, CSZ11a, FO10, Gen12, GÖ14a, GWZ11, HL14, KS14b, KKK14, KAS13, KS12b, LZT13, LVD+14, LFWL14, MAK+14, PLN13, PT11b, PM11b, SBFC10, SY11, SB10, WCH11, WL10d, WK10, ZBZ10]. **multi-accurate** [WCH11]. **multi-asset** [HL14]. **multi-component** [ZBZ10]. **multi-contact** [SBFC10]. **multi-criteria** [MAK+14]. **multi-degree** [WL10d]. **multi-dimensional** [Cha11a]. **multi-element** [LVD+14]. **multi-factor** [GÖ14a]. **multi-firm** [LZT13]. **Multi-layer** [GD10, CP13a]. **multi-level** [LFWL14, PM11b]. **multi-objective** [KKK14, SY11]. **Multi-parameter** [Wan12b]. **multi-particle** [KS12b]. **multi-point** [Gen12]. **multi-projection** [PLN13]. **Multi-scale** [GKB10]. **multi-server** [WK10]. **multi-species** [SB10]. **Multi-stage** [HVV+11a]. **multi-start** [AG10a]. **multi-step** [GWZ11]. **multi-strain** [KAS13]. **multi-symplectic** [CSZ11a]. **multi-term** [PT11b]. **multi-tree** [KS14b]. **multi-wavelets** [CCH10]. **multi-window** [FO10]. **multibody** [DKH+10, ILEE13, WA14]. **multicast** [NACLR12]. **multicore** [MM11a]. **Multidimensional** [LE10, AB13, EC13, HZ14, Tan14a, XW12]. **multifactor** [HT14]. **multiframe** [FN12, JMV13]. **Multigrid** [Cui14a, CC11b, DZW14, EG11, GGLR10, KMHM14, KOV11, LZ10, RSGL14, WZ10c, YZ11a]. **multilevel** [CM12, CLS14, GG12, RS10b, Wil13]. **multimesh** [SCDA10]. **Multimodal** [Pag10]. **multiobjective** [Pov14]. **multiphase** [SGO14, YMB14]. **Multiphysics** [YK11]. **Multiple** [DZW14, LZSL11, AHH13, Arv10b, BBS14, BK10, BA10, Bra12, CG10a, CYJS14, CL11c, CDS10, CMR11b, CSZ11b, DSL12, DL13, DSY+11, DJ10, HHHS14, HD11, KÖ11, MZL14, TA13, VVM10, WYO11, WWG10, WLH12, Win14, Yun11, ZTS11, ZDZ11, ZG14, ZC10b, ZCS11]. **Multiple-cue** [LZSL11]. **multiplication** [OORO12]. **multiplications** [CÖ11a]. **multiplicative** [CC14a, GLHCLPN10, LZ13c]. **multiplicity** [CGS13]. **multiplier** [LK13]. **multipliers** [ZBC13]. **multiply** [LDGY10]. **multipoint** [DP12, DP14c, GK11, SSW14]. **multiprecision** [BR14b]. **Multiproduct** [TNN10]. **multiquadratic** [KG13]. **multiquadric** [AM14a, FZ11, GW14d]. **multirate** [KL14]. **Multiresolution** [ZM13, ADL+10b, ADL+10a, AM10c, ADLT13, AMR13, CGS12, CCS10, Jia10, Jia11]. **Multiscale** [VSB12, Bay14, BKN+13, BGP14, DZW14, GW14a, GK14, KA14, Wil13]. **multiserver** [GI10]. **multishift** [AMMS12]. **multisplitting** [DH11, LJCL11]. **multistage** [LTZ10]. **multistep** [CH14, MF14, MMS10, WWL10]. **multisymplectic** [Cai10b]. **multitherapy** [ZLW14b]. **multitude** [SSW14]. **multivariable** [ASS12]. **Multivariate** [BBD13, GR13, LS10, RMR11, WLZ11, WGZL14, AÖ11, CLLX11, CCH10, CC13a, DLSV14, Isl14, Kho10, LCXL11, ML14, ÖW14, Spe11, TT11, XZL11, YSQ11, ZW11a]. **multiwavelets** [AM10c, CCCM13, LSD11]. **Müntz** [AHSN13, Ste10a]. **mutual** [SPLHCB14]. **MWV** [YTFP11].

N [YTFP11]. **name** [GUO14]. **nano** [GKL12b]. **nanofluids** [GTS14]. **nanometric** [LLG14]. **nanoparticles** [LVD+14]. **nanosecond** [APO14]. **nanotori**

[ASG11]. **nanotube** [SRA10]. **nanotubes** [ASG11, CH11]. **Nash** [Li14]. **Natural** [CFGE10, BB11b]. **nature** [WW10a]. **Navier** [Dai11, CAT13, CDS10, DSC09, DD11, HL10a, HdJL+13, KH11, ZH10b, ZY14a, ZLC11, dFGAN11]. **NCAR** [BBD+11]. **NCLab** [Bra14a]. **NCP** [YP10a]. **Near** [GD13, ÁD10a, AMR13, BISS10, Van10]. **near-best** [BISS10, Van10]. **near-lossless** [AMR13]. **Near-onset** [GD13]. **nearest** [Rum13a]. **nearly** [AV10a, BSB14, JJE13, Lam14, QZX+11, WZ14]. **Nédélec** [BL10a]. **needed** [FSB10]. **negative** [EY14, FGEM10, KC10]. **negativity** [Sza10]. **neighborhood** [FF14]. **Nesterov** [CSSX14b, CSSX14a]. **nesting** [MOG10]. **net** [XMC11]. **nets** [CD11]. **network** [CFdAR11, CRS12, DL13, Iid12, LCW10, MOA10, NO12, RLGGGÁM14]. **networks** [AAY10, BV10, CLS12, LF10, LF11, LSXZ11, LCN12, PR12a, RSFS14, Rom11, XCZ+11]. **Neumann** [CDKN15, CDKN14, RE10, SSP12, qW11, ZD10]. **neural** [AAY10, BV10, DL13, LF10, LF11, LSXZ11, LCW10, MOA10, NO12]. **neuroscience** [BSZ13]. **Neurosurgery** [VBP+10]. **Neutral** [WLZ14, DF14, GMZ+10, Hu14, LB09, LW10b, LB10, LYZ11, RW10, RBK11, RHS11, SLD13, WWL10]. **neutral-particle** [RW10]. **Nevanlinna** [BL10c, BC12, LB11, WW11a]. **Neville** [ADGP11, ADGP12]. **Newton** [AR10a, AWF11, AH10b, AR11, AH12a, AH13, AHK14b, AK14b, BHL11, CAA10, CC13b, CLW14, CT10, DA10, ENS14, EGH12, FYA+14, Fer11, FGO12, Gat14, HPL+14, HH13, HH14, HHZ11, KO13, LZY10, LWY10, LZ14b, LH11b, MPC10, PR11, Pov14, RP10, RA10, RX10, Śmi11, SZ11, WLD14, Xie11, YP10a, ZSX11, ZW12, ZC13]. **Newton-like** [AH13]. **Newton-type** [CAA10, RA10]. **Newtonian** [MT14a, JMS10a, ZY11b]. **next** [SP11]. **nice** [Gro13]. **Nicholson** [Alz10, CL11c, DN13]. **Nicolson** [CS10, JK10c]. **Nikishin** [PL10c]. **NIST** [MKS12]. **No** [PS10]. **Node** [DGG12, Dou12]. **Node-pair** [DGG12]. **nodes** [BDH11, CG10b, ESM13c, KSA14]. **noise** [BS11b, BB12c, CC14a, HPR12, IK13, LZ13c, Sla14]. **noises** [GLHCLPN10]. **noisy** [CCG+13a, JMV13, RBD11, RBD14, SW10a]. **Non** [AM10c, BSKL12, KP13, LYP13, MRT13a, Uty10a, AMÇ13, ÁNA14, AD11b, AAD13, BBP14, BS10a, BT12, BCR11, BCR13, CBB13, CV10a, ĆRR+10, CR11b, CO11b, CCZ12, Dea11, DS12a, DJ10, DS10b, DS12b, DS13c, DFH14, FL10a, GU10, GJCL11, HPL+14, HP10, JMS10a, KP14a, KB11, LVD+14, LM14, LG11, MHL11, MP10a, MS13a, MOG10, PW13, SSR10, SKKS12, Sza10, WH10, WH13, pYXPH10, Yar10, ZLL10a, ZW12]. **non-** [BBP14]. **non-autonomous** [KP14a]. **non-banded** [CV10a]. **non-commutative** [KB11]. **non-conforming** [FL10a, HP10, LVD+14]. **non-continuous** [LYP13]. **non-globally** [MS13a]. **non-Hermitian** [DJ10, PW13]. **non-instantaneous** [GU10]. **non-interior** [LG11, ZW12]. **non-interior-point** [ZLL10a]. **Non-isothermal** [BSKL12]. **non-linear** [AMÇ13, BS10a, DS12a, DS12b, DS13c, MHL11, WH10, WH13]. **non-Lipschitzian** [pYXPH10]. **non-local** [DS10b]. **non-negativity** [Sza10]. **non-Newtonian** [JMS10a]. **non-oscillatory** [CBB13, CCZ12]. **non-polynomial** [MP10a]. **non-premixed** [GJCL11]. **non-rectangular** [AAD13]. **non-reflecting** [Dea11]. **non-self-mappings** [ĆRR+10]. **non-selfadjoint** [CO11b, Yar10]. **non-singularity** [HPL+14]. **Non-smooth** [LYP13, AD11b, BT12, SSR10]. **non-standard** [ÁNA14]. **Non-stationary** [Uty10a, CR11b, SKKS12]. **non-stiff** [LM14]. **Non-symbolic** [MRT13a]. **Non-uniform** [AM10c, KP13, BCR11,

BCR13, DFH14, MOG10]. **nonclassical** [MMF10]. **noncompact** [JM13]. **nonconforming** [CM13, CRM10, FKNS11, HJS14, KL10a, LLX14, PSS13, YC10, ZC10c, ZLC11]. **nonconvex** [CS12, NASNY11]. **nondegenerate** [FKL10]. **nondiagonal** [DM10b]. **nondifferentiable** [GD14]. **nonequilibrium** [FYA+14]. **nonexpansive** [CSY10, HLC11, HL10b, QCK10, She10, WG10a, WZA10, WSWD11, XSH10]. **nonhierarchically** [GLWF13]. **nonhomogeneous** [Kur10, SRWZ14, TT14b]. **nonidentically** [ZH11]. **nonisothermal** [Sun14]. **Nonlinear** [AH10a, CyYwY11, GRV11, ILEE13, KCBA13, KNY10, SM14a, Uty10b, VS13b, ZAWA13, AEWMES11, eMA14, ABS11a, AA14a, AM14a, ÁD11a, ADL+10b, ADL+10a, ADLT13, AH13, APJ10, AAD13, AK11, AuI13, AuIK14, BK14a, BDD+10, Bab10, BCHL11, Bar13, BK10, BSB14, Beh14, BS11b, BGL13, Bog14a, Bog14b, BS13c, BGP11, BK12, CCG13b, CZ12a, Cha11a, Cha11b, CL10b, CLB11, CXH09, CN11, CHMT10a, CHMT12, CTV13, CHMT13, CyY10, CwYyY11, CFL+14, DJM10, DS13a, DR14a, DAW11, Dha14, DMR13, DCJ13b, Dra10, Dra13, DGW10, EK11, EZ14, EDP14, EHR11b, FDH10, FD13, FKL13, GS10, GZ10, GK14, GXW14, GZL14, GC11, Gen12, GSGN11b, GSGN11a, GSNDB14, GKL12b, Gus14, HSY13, HC11, KS14c, KC11, KRS11, KMP14, LL11a, LL14a, LL11b, LSW11, LY10, LB09, LB10, LW11, LZ14b, LGZ10, Ma10]. **nonlinear** [MY11, MMS13, MA14a, MKK14, N'G10, Nei14, NLO13, Odi11, PT14, PFLZ11, PAJ10, Prz13, PZ13, RBK11, RGJ10, RD10, RE10, RX10, Sha14, SZJ12, uIAAF14, SD10, SC10d, Ste10b, SR13, TM11, Tan10, TP10, Vel10, Wan10, WL10c, WL10b, WWL10, WZF11, Wan11d, WLWH11, Wan12a, WLZ14, WWG10, qWhY11, XJ11, YPL10, YW10, Yun11, Yun12, ZCH10, ZJ12, ZCS11, ZZ11b, SKAM11]. **nonlinearity** [EK11, KRS11, Sie11, ZC10b]. **nonlocal** [HMVPAR11, NS10, SD10, Yan11]. **nonmagnetic** [MKD12]. **Nonmonotone** [FB12, CWQ11, JLZZ10, SS14a, TJL11, ZH10c, Zho13, ZCX14]. **nonnegative** [CL11d, GG12, LZI10, LLW14, Mir14, ZBC13]. **nonnormal** [Isl14]. **nonoverlapping** [SLP11]. **nonparallel** [QTS14]. **nonself** [WZA10]. **nonself-mappings** [WZA10]. **nonseparable** [ADL+10a]. **nonsmooth** [LTW10, LPGX10, Śmi11, TBK14, YWL14]. **nonstandard** [ADLS14, AS10b, GPZ10, JTV14, MO10]. **nonstationary** [BDJ+11]. **nonsymmetric** [AS10a, BMS11, CJ10, DSY+11, FJP14, GG10, GG14, LHL10, YLD13]. **nontrivial** [BB11c]. **nonuniform** [BS13b]. **Noor** [PS11c]. **norm** [BC12, BB14a, BGKVW10, CS10, Dax10, Gün10, LZH14, lLzS11, LHC14, Wan11d]. **normal** [FM11a, FV14, KMS14, MD13, Pir13, Pir14, ZM14]. **normalized** [Beh14]. **normed** [MS11c]. **norms** [UM14]. **north** [KG14]. **north-south** [KG14]. **Note** [WF10, Zha10b, AAT11, ADGP12, BIT11, Cao13, CM10d, Ehr11a, ENSCS12, GUBS13, GLLM12, GWZ11, KN10b, Kud10, Lu13b, UBSG12, WWW14, Yar10, ZYG10]. **Notes** [XWW10, ÇU14]. **notice** [DS13c, Wan11c, WYO11, XSV13]. **notion** [Ram10]. **Nov** [Ano10b]. **Novel** [BHBP10, BK13, BAAS11, BKTY14, VMMM10, qWhY11, XJ11, ZZSW11]. **NP** [RVPOR+11]. **NP-complete** [RVPOR+11]. **NRBCs** [LEKT10]. **NS** [YZ10b, YZ10b]. **nuclear** [LZH14]. **Number** [ZD13, AELH10, BAAS11, Che14a, DSL12, DMMP10, FSB10, Gün10, Har11, MDVB13, SXZ11, TA13, Wik10, ZZ13]. **numbers** [CLN14, GG13a, GQ14a, GQ14b, LEKT10, XhW11, XC14]. **Numeric**

[BFS14, BFMS11]. **Numerical** [ABHMW11, AALMLM14, AE11a, AM14a, AJK12, AV12, BPS12, BSZ13, BPGP11, BFG+14, BSJ14, CDTV11, CPY10, CLB11, CLP10, CDJP13, CF11, CFL+14, DS13a, DDM10, DA10, DS11, EASS13, ELA10, FM11b, FYM10, FRXY13, Fuk13b, Fuk13c, GVF+13, GI10, Gra11, GKL12b, HDF+10, HdJL+13, HTH10, HS10c, HL11, HLLW13, IK13, IK11, JX10, JWY11, JV10, KA14, LSD11, LYD13, LDGY10, MT10a, MM12a, MKK14, MT10c, Miy12, ML10, MS13c, NH13, NS13, NLO13, NdCDCFM10, PW12, PT14, PKH14, RGJ10, RTL14, RBD11, RBD14, SH13b, SBL12, SZ10, Sto11b, SR13, SKN11, TR11, VB14, WW10b, Xu11b, XL12, YZ11a, YLTB14, ZBW11, ZZC11, APO14, AHLJ14, ACF+14, ÁD10a, ÁD11a, ÁD12, AS12a, AP10, AV10b, AAD14, AC14c, AuI13, AuIK14, BMMR11, Bab10, BBMY11, BCC12, BL13a]. **numerical** [BKV10, BM12, CK13, CCJC13, CDV10, CKM14, CC11c, CGS11, Col13, De 14, DS12a, DAE13, Dek10, DL14a, DME+12, DL12, DS10b, DI12, Eba11, FP13a, FFM+11, FLLT10, GXW14, Gau10, Gen12, GQL14, HQR13, HGW12, Hua12, JJE13, JR10a, JTV14, KS12a, KKK14, KS10b, KA12, KP10a, Kre95, Kre11, Kro10, KLM14, LCCK13, LZ13a, LVCC13, LTFL10, LM13b, LY13b, LJ13, LO14b, LXSC11, MMF10, MA13, MS13a, MN10, MV14, MVMG12, MFL13, Mui10, MT14b, NS14, Odi11, OAHR11, PTP10, Pas11, PGH13, QZX+11, RCM+12, RMR11, Rie13, SSP12, SASH11, Sid14, uIAAF14, SS14d, SLK14, Tan14b, TW14, TS12, VAR11, VT14, WL11a, WZMC11, WC11, WZL11, Xu11a, YMS10, mZkPkL11, ZS11, ZCC+13, ZLC10]. **numerics** [FdOdS12]. **Numerov** [GCH13]. **NURBS** [YWY+14]. **NVIDIA** [GWKE14]. **Nyström** [AST14, Bar13, FG14, OPPV10, YFZ14, DP14b, SCRG12].

O [HL13a]. **object** [SPC14]. **object-oriented** [SPC14]. **objective** [KSK11, KKK14, Mol10, SY11]. **objectives** [CG10a]. **objects** [PS10, RKS+13]. **obligation** [ÇU14]. **oblique** [Gas14a]. **Obrechkoff** [SASH11]. **observations** [GLHCLP11, HTLI14, JWW14]. **obstacle** [BySZZ13, BDyS14, RE10]. **obstacles** [HW12]. **obstructive** [ÇDE14]. **obtain** [CHMT13]. **Obtaining** [MPS10, Ain10, RRMD13, ZCS11]. **Occasion** [ARV10a, MYZ10]. **occupancy** [BDL11]. **occurrences** [TT14b]. **odd** [DDM11, YKL10]. **odd-order** [YKL10]. **ODE** [BGPPRW14, KK14, NBBKV10, VAR11, WS13b]. **ODEs** [DL12, Dra10, HwKB14, IHRA11, LT13, MMS10, Sch14a, Sch14b]. **off** [CH14, GGS12]. **offset** [KL11]. **Olkin** [AKA14, OB14]. **Oman** [WDG+12]. **once** [YK14]. **One** [PC12b, BM12, CC13b, FKL13, GW10, GST12, HS12, JLZ14, KSK11, Kır11, KS12c, LW10b, MOG10, MML11, Moh13, Mol10, NBBKV10, SC10a, WWW14, YW10, ZTC11]. **One-dimensional** [PC12b, FKL13, GW10, HS12, KSK11, Moh13, SC10a, ZTC11]. **one-leg** [LW10b, YW10]. **one-point-based** [KS12c]. **one-step** [NBBKV10, WWW14]. **one-way** [MOG10]. **onset** [GD13]. **onto** [CW13, CGK10, KD10]. **Ooura** [Tan14b]. **open** [LA10, MCS12, NGAZ11]. **open-source** [LA10]. **OpenMP** [MM11a]. **operation** [CKM14, ZLG12]. **operational** [BMMR11, LYD13, YBD11]. **operations** [AÖÖ14]. **Operator** [BKL14, AMT11, CCG13b, CDKN14, CDKN15, DSC09, Dai11, FZ11, HCQ14, HC11, JK13, Kur10, Li11a, MSE10, ML10, PN11, PLN13, PD13, PAD10, Sha14, TA13, TT11, WZF11, WZ10d, Zha14b]. **operator-splitting** [DSC09, Dai11]. **operators** [AB11b, ADLT13, BB12b, BDR11, BR14c, BTSA14, CDD12, CID10, De 14, GSNA13,

HZ13, HS10c, Hu14, KKN11, pLjH10, Mah11, MJ10b, Min10, PY10b, RVN13, SYİ11, SAB14, SC10b, jTW14, Yan11, Yar10]. **Opial** [MR12]. **OPSFA** [Van11a]. **OPSFA-10** [Van11a]. **optical** [AH10a, BCM10, CDPP10, CPP11]. **Optimal** [BGIN10, BK14b, CC11a, CZL14, CDPP10, CPP11, ESM13c, Gal13, HW10, KP14a, LRZ14, Prz13, SH11, TW14, WZ11b, ZSG+14, ZL10, AA14a, AØ14a, AK14a, AVGCMVM10, AV12, BBP14, BGKVW10, CK13, CY11, CWY11, CL11e, CFF12, CL14b, CHMT10b, CTV11, CHMT13, EG11, Fer14, Fu10, GCNL14, GY11, HJS14, Hua14c, KN10a, fLyHZ10, Liu14b, LYD13, MMP11, MNQ14, NF14, SYK14, SHN13, Sla14, SSR10, TYCL14, TP10, VDG11, XCY10, XL11, YK11, YK14, YL11c, ZLW14b, Zhu14, ZwGhX14]. **Optimality** [GAS14b, FPP14, LLW14]. **optimally** [GK11, Prz10]. **optimisation** [LLG14]. **Optimization** [GLWF13, HVV10, KPR11, KT13, YWW10, ZDP+14, AEWMES11, AZ11, AEGB10, AG10a, ADRM12, ABÇ+11, And10, And13, Ant11, BDV10, BEJ14, CCS11, Che14b, Chu10, CWQ11, DW11, DdS14, EGBS12, ESM13b, GLH12, GKU14, GGH+14, GS12, HTM14, HK13b, Iid12, JLZZ10, JW10b, KKK14, KK13, Kuz14, KS12c, Lay13, LV14, LP13, LMM+10b, Lu13a, LJ13, LZWJ11, MAK+14, Mol10, NY12, PNCC10, PHS14, Pov14, RMF11, TOF14, TBK14, VMAVGCM13, WB10, WUB10, WK10, Wu10, XSW12, YSQ11, ZSG+14, ZZC10, ZSK+11, ZC13, ZZG10, ZWG11, ZGZB13]. **optimization-based** [Kuz14]. **Optimized** [HHKK14, JR10a, CFH14, FDD10, HVV+11a, Liu14a, Lui10, LZSL11]. **optimizing** [MY14]. **Optimum** [MRAM10, YTFP11]. **Option** [BHPS12, CLMR14, HZR14, YY10, Bal14, DDV10, DF12, DFH14, Gon10, JK13, KPsQ11, KZ13, LWN13, LZ13e, NR14b, PO11, Tan14a]. **optional** [WYP10]. **options** [CMR11b, DPV10, ESC14a, FPP13, FS10, HS10b, HL14, HS11b, Jun13, LL13a, LLK14, fLxX12, LMG13, Mar11, MT10c, MY13, PZJ12, TTB14, ZYL11]. **orbits** [ÁD12]. **Order** [BP11b, AGM12, AHLJ14, ABG11, ADLT13, ABCP14, AS12a, AR10b, Ant11, AD11b, AM14b, AM11, Ars11, AKT14b, Ayd14, BDD+10, BGIN13, BS13a, BK13, BB11b, BGL13, BL10a, BG14a, BHL11, BK12, BOS12, Büy12, CCG13b, Cas10, CXL10, CPP13, CI13, Cha10a, CRM10, CL10b, CLB11, CXZ14, CLS10, CHH10, CGL10, CG13, CDQ14, CHMT10a, CTV11, CTV13, Cui10, Cui14b, CFL+14, DSC09, Dai11, DLG14, DDG13a, Dea11, DO12, DY11, DSL12, DH14, Dos14, DF12, DFH14, DGW10, EO14, EN14, EZ14, Ery13b, EHR11b, EJ10, FL10a, FKL13, Flo11, GZL14, GC11, GK11, GPHAM10, GSNA13, GM13, yGZ13, GD14, HLM10, HMA12, HS10a, HK14, HH13, HH14, HZ13, HVV11b, HSY13, HHZ11, ILEE13, JM11, JR10a, Koç11, KB11, KB12, KB13, KP10b, LLS14, LP12, LS11, Li12, LSW11, lLzS11]. **order** [Lia14, LLSW11, LZ12a, LB09, LB10, LW11, LL13b, LGZ10, LO14a, LO14b, LO14c, Lui10, LC10, MY11, MHL11, MOG10, MGZ10, MMS10, MTJ11, Mui10, Naf14, NS10, Nei14, NBBKV10, NTNBV14, NRP13, NBZ13, NCCF+10, ÖY14, PP10b, PFLZ11, PRM11, RCM+12, RW10, RS10a, RK11, RB13, Ren10, Rua13, SMD14, SM14a, SH10, SASH11, Sie11, SB10, SZS11, SL14b, SBGB10, Tan14a, Tan10, TS10, Tar10, TP10, TY11, TKW12, VVD+14, WZS10, WZ10c, WZ10b, WL10b, WX12, WY13, WLZ14, qWhY11, WZ10d, XMSS11, YE14, YKL10, YG13, Yun11, ZAT11, ZFG10, ZL10, Zha11a, ZH11, ZZS11, Zha11b, ZF14, ZWZ11, ZCS11, Zho13, ZL13, ZX10, dJMPPC14]. **ordered** [DMGVPN10]. **orders** [BDR11, BR14c, CHMT10b, uIAAF14, WW10b, WZY+14]. **ordinary**

[BJ14, KKN11, SP11, WT14]. **ordinates** [BCM10]. **orientational** [BKL14]. **oriented** [CG14, GH14b, KM10, LJE+10, SPC14, ZGZW10]. **ornamental** [LMM+10a]. **Ornstein** [Sch14d, WZ11b]. **Orr** [WTM12]. **Orthogonal** [BVV10, GHM10, LZDW14, Van11a, AMPR10, ADMF10, Arv10b, BR11a, BHJN10, BCGMB10, BLTW10, BGVHN13, CL10a, CG11b, CH13, Dom10, DM10b, FPPX10, FPP12, Han11, HV14, LW10a, MGZ10, MJ10a, MBS10, Mir14, RSFS14, WZF11, Zim13, dJP13, dJMPPC14, vDvFZ09, vDvFZ13]. **Orthogonality** [CBGVPP10, DMGVPN10, BLO11, BDF+10]. **orthogonalization** [BDD14]. **orthonormal** [LYD13, SWY14]. **orthotropic** [HKL11]. **oscillating** [RSFS14]. **Oscillation** [Zha11b, LB09, LB10]. **oscillations** [BKMG11, Gre10, MT14a, WZL11]. **oscillator** [CYJS14, WW11b]. **oscillators** [Che13a, FG14, WC10]. **Oscillatory** [GZL14, LGZ10, AH14a, AS12b, CBB13, CA14, CCZ12, Dom14, FFM+11, FYM10, KXH13, KX13, LWXW12, LP10b, SGG11, WX10, Wu14, XXH14]. **Osher** [Wan11a]. **OSMOSIS** [LA10]. **Ostrovsky** [YMS10]. **Ostrowski** [Koç11]. **other** [BM12, SL14b]. **outer** [MK10, SS14d]. **output** [LLL12]. **ovalling** [HDL+13]. **over-penalized** [BOS12]. **over-posed** [MM10]. **Overlapping** [GPZ10, KR14, Li12, NMBG14]. **overrelaxation** [BY12]. **overtaking** [BJ13]. **overview** [AA14b].

Package [MCS12, GGSP10, HSH12]. **packed** [Mee12, SH12, WSJ14]. **Packing** [FTTT13, KG12]. **Padé** [PGGCGF14, AF10, ACH11, IA13, PGGCGF12, Pré10, PL10c, GKLZ12, Zie14]. **PageRank** [WW10c]. **PageRanking** [CSC10]. **pair** [Che13b, DGG12]. **pairs** [CFJ+11, PR10, PD13, SCRG12, dJP13, dJMPPC14]. **Palindromic** [DDM11, BG14b]. **paper** [HV13, PC12b]. **PaperRank** [AB14]. **papers** [AVA13, BDR10]. **parabolic** [AS10b, APJ10, Bog11, Bog14b, BSS13, BJ12, BSJ14, BMN10, Cha11a, Cha11b, CG13, CyY10, CwYyY11, CyYwY11, DY11, FID11, FDH10, FP13a, FN10, GW10, GW14b, GAS14b, LPDN13, LJ12, LO14a, LO14c, LXSC11, Min10, PAJ10, RBD14, SD10, SM14b, VS13a, Wan11e, Yan10a, YBD11, YL11c, ZFM14, ZD11]. **parabolic-hyperbolic** [CwYyY11, CyYwY11]. **paraboloid** [CP13b, PC11]. **paradigm** [WZD10]. **Parallel** [AMV13, HK12, Kva11, MS11a, MM11a, SM10, WZ14, Yan10a, YESD14, BDV10, BM11a, BHBP10, DHSW14, FGO11, GG13a, HHX14, KSLD11, KW10, KW11, LVD+14, Man11, NGAZ11, NMS10, YC11, ZDP+14, ZSG+14, ZZG14]. **Parallelization** [Gra11, FPGMG11]. **Parameter** [WS13b, BG13, BFLP12, BKV10, CC13b, CC14a, FRXY13, GN14, GSK11, HPR12, KT13, Pas11, PPG14, RSFS14, Sch14a, Sch14b, Wan12b, qWhY11, WK10, YÖVAYOW14, ZFM14]. **parameter-dependent** [KT13, PPG14, Sch14a, Sch14b]. **parameterization** [BBD+11, CH13, MMF10]. **parameterizations** [BL13a, YSZ11]. **Parameterized** [LZL11a, BSS14, CJY10, WCW10, ZYW14]. **parameters** [BA10, BDMP13, CZL14, CM10b, GS14, HS10a, Hua14c, KPR11, LQYL11, Liu11b, MJ10a, SOL11, TJL11, Tor14, WL11a, Wan12b, WYY+12, ZRK+12]. **Parametric** [SMD14, AS12b, CS12, LWW11, LL11b]. **parametrization** [RSS14]. **parametrized** [Alc14]. **parareal** [BL14, GH14a, LJ12]. **paraxial** [AC14d]. **Pareto** [AVGCMVM10, Fer14, KKK14, Nad11].

Pareto-optimal [AVGCMVM10]. **Part** [CHH10, NH13, Rum13b, WDZ10, AKT12, AKT14b, Rum13a]. **Partial** [CH13, WC10, AR10a, AM11, CY11, DXL10, FKL13, GAS14b, HD14, JM11, KLNS11, LD10, LLS14, LJ12, Ste10b, TM11, TNN10, VS14, Xie12, Yan11, ZBC13, ZRW11]. **partially** [DJM10, Ism14]. **particle** [AEWMES11, AZ11, GKT10, GKT11, KS12b, RW10, WZMC11, Wu10]. **particle-laden** [GKT10, GKT11]. **particulate** [GMRK14]. **partition** [BDyS14, HTH10]. **partitioned** [DBHV10]. **partitioning** [KS12c, LSXZ11]. **partitions** [JKK+10, NRS11, Vit10]. **partly** [DS11]. **parts** [HZ13]. **Pascal** [ADGP13]. **pass** [TT12]. **passage** [BSZ13]. **passing** [Rah14]. **passive** [ZTL13]. **past** [Gas14a]. **patch** [Cao14]. **patches** [CZ14, FGPP13]. **path** [AHH13, HL14, KV12]. **pathogenesis** [HLWM10]. **Pathwise** [KLNS11]. **patient** [BDT+13]. **patient-specific** [BDT+13]. **pattern** [MVC10]. **patterns** [GD13, KSK11, SBL12]. **payments** [GU10]. **PC** [CT11]. **PDE** [ALM11, KP14b, KPBN13, SACS10]. **PDE-independent** [SACS10]. **PDEs** [AD11b, AC14c, CSZ11a, GPHAPR14, HSY13, Nei14, RCM+12, SSP12]. **PDIEs** [RE10]. **Peaks** [OGM14]. **Pearson** [LP12]. **Peer** [Sch14a, Sch14b, KW10, KW11, SLW14, WK14]. **PEM** [Sun14]. **penalized** [BOS12]. **penalty** [hBW10, BOS12, DH13, GW14c, GG13b, HL10a, JZ10, KA14, LLT+14, MWWY14, SHZ10, TJL11, hXZ11, XMSS11, ZYL11, ZwGhX14]. [MSP12]. **antisymmetric** [YSZ11]. **circuit** [Jan14]. **control** [ZTC14]. **Darcy** [CM12]. **explicit** [HL10a]. **finite** [DGG12]. **front** [BW14]. **level** [DGC+13]. **linear** [IO14a]. **max** [ZWM11]. **quotient** [VVV10]. **repair** [MP10b]. **Robin** [Sun14]. **skew-Hamiltonian** [QT13]. **Penrose** [PS11b, PS14b]. **pentadiagonal** [Cin12, McN10]. **perfectly** [Li11b]. **perforated** [RL10]. **Performance** [LA10, ZH10a, ADA13, BFB14, BL10b, LWH+11, LT13, NdCDCFM10, SCRG12, SW11]. **period** [YTFP11]. **Periodic** [BS10a, CN11, DF14, HZ11, ÁD11a, ÁD12, Alz10, CYJS14, CL11c, CLN14, CW14a, CFJ+11, DN13, DBZ10, GW14d, Gre10, KC10, KCBA13, MN10, NPTH09, PWZ11, SS14c, TSC10, WZ10b, Xu11a, Yan13]. **periodically** [TA10]. **periods** [CHRZ13]. **permanence** [WF10]. **Permanent** [EX14, MKD12]. **Permanent-based** [EX14]. **permissible** [GU10]. **permittivity** [KS14c]. **Permutations** [ÇMT14]. **Perron** [Yan10b]. **Perturbation** [dL14b, AT10, AS12a, COW10, DCJ13b, GC11, HHP+10, Ku13, LCN12, SBCD10, WCW10, XCZ+11]. **perturbation-reproducing** [GC11]. **perturbations** [BN14, RBK11, XCZ+11, ZCH10]. **perturbed** [Bog11, Bog14b, CXL10, CP13a, CGL10, CG13, FG14, GL10, GQL14, KR14, LL11c, RK11, RU13, jTW14, WA14, ZYL10, ZY11a, Zha14c, ZC10c]. **Petrov** [DS14, MA14a, MD10b, Ros11]. **Petrovskii** [KS10b]. **Petviashvili** [ÁD15, ÁD14]. **Pexiderized** [MS11c]. **PGSCM** [AGM12]. **PH** [KLK13]. **Phase** [EY14, AK14d, BW14, DQST14, EASS13, Han11, HdJL+13, MV14, MS13c, PW12, PPG14, SCRG12, Sun14, SS14e, ZH11]. **phase-lag** [SCRG12]. **Phase-type** [EY14, ZH11]. **phenomena** [Sto11b]. **phi** [PM11a]. **phi-divergence** [PM11a]. **phononic** [FGEM10]. **photonic** [CvdMS12, Gia12, HHLW14]. **physics** [Ste10b]. **Picard** [FBB14]. **Pick** [BC12, LB11, WW11a]. **Piecewise** [AW10, PT12, Rie13, AAY10, AAY11, BFMS11, DY13, FSB10, IHRA11, LWW11, WZL11, YT12, ZW11a]. **piecewise-linear** [YT12]. **piecewise-linearized** [IHRA11]. **piezoelectric** [ZTL13]. **pilot** [AC14c].

pinch [GGS12]. **pinch-off** [GGS12]. **pipe** [ATS14]. **pipeline** [FLKW14]. **pipelining** [MM11a]. **pipes** [BG10b]. **PIRK** [CT11]. **PIRK-type** [CT11]. **Piskunov** [KS10b]. **Pitaevskii** [CCJC13, KHFC11, WC11]. **Pitchfork** [DL13]. **pivoting** [ADGP11]. **Pizetti** [LA11]. **placing** [KR10]. **Planar** [JŽ11, MSWY12, AV10b, BFHK12, CRM10, CGS13, LZ12b, RYM+14, WM12a, YC10]. **Planck** [AB13, CR14]. **plane** [AHM14, Ehr11a, Gwi13, HWG10, WM12b]. **planning** [FPG12]. **plant** [FLEa10]. **plasma** [APO14, LvDtTB+13]. **plasmonic** [Gia14]. **plate** [BOR14, Gas14a, KD10, LGM14, WHLC11, ZDP+14]. **plates** [BySZZ13, BDyS14, GH10b, NdCDCFM10]. **platform** [RYM+14]. **platforms** [HTM14]. **PML** [BUG+13, BP13, CWY11, HL11, WC14]. **pneumococcal** [LGR11]. **POD** [AHLJ14, AHLJ14, LXSC11]. **Poincaré** [MR12]. **point** [BMS11, Bai13, BBB10, Bar11, BGL13, BM11a, BSBA14, CB13, CYJ13, Cao13, CDN14, CAA10, CWY11, CS14, ĆRR+10, CRS12, DJM10, DFG+10, Eba11, EGBS12, FdLW+11, Flo11, Gen12, GQL14, GST12, GÖ14b, HS11a, HCM14, Iid12, JK10b, KC11, KPW10, KS12c, LHL10, LZL11a, LS11, LZ12a, LL11d, LC10, MMS13, Mau10, MSWY12, Més12, MTJ11, MRS10, OORO12, PD13, PL10b, PHS14, QYZZ14, RG11, She10, SHZ10, TP10, WZ10d, WL14a, ZLL10a, ZS13, ZLW14a, ZF14]. **point-like** [GST12]. **points** [AGT12, BL13a, BSV12, CW13, CM10a, CT11, HLC11, HL10b, KG14, KL10b, LLL+11, LYZ11, Luo10, MRAM10, MBS10, ML13, RSV12, VAR11, qWhY11, XSH10, YL11c, ZW11b]. **pointwise** [Ku13]. **Poisson** [CR14, BCMR12, CM13, CP13a, CO13, DDM10, Fat11b, FWBSBGA11, GL10, GM14a, LL11c, LYZ11, WG10b, hXZ11, ZYL10, mZkPkL11]. **Poisson-like** [FWBSBGA11]. **Pol** [WW11b]. **Polak** [YWL14]. **polar** [AC14b]. **polarization** [BKL14]. **polarized** [KP11b]. **polarized-radiation** [KP11b]. **polaron** [Vel10]. **pole** [SMD14, Van10, WW11a]. **poles** [BGVHN13]. **policies** [GI10]. **policy** [CLS12, CL14b, GU10, HW10, WYP10]. **Pollard** [WZ12]. **pollutant** [DGI+10, SH13a]. **pollution** [Ku13]. **Polyak** [YWL14]. **polygamma** [QGG10]. **polygon** [Dos14, SSP12]. **polygonal** [BFGP10, BFP11, Li11a, MNQ14, MWWY14]. **polygons** [GSV11, LMCW10, YWY+14]. **polyharmonic** [BDR11, BR14c]. **polyhedral** [CH11, GWKE14, MWWY14, ÖW14, PS10, RW14]. **polymer** [PSKA14]. **polymer-metal** [PSKA14]. **Polynomial** [BCR11, CC13a, GSV11, ADMF10, BCR13, Bel13, BBD13, BL10a, BR14b, BSV10, BFMS11, CW11b, CR11b, CHZ10, CC12, DDM10, DMGVPN10, FZ11, Ger12, GSM11, GZ14a, GZ14b, HX13, HYY14, JGH+13, LWW11, Lu11, Lu13b, MP10a, Odi11, PT12, PRM11, RVPOR+11, SW10a, SW13, SXZ11, Str11, Str12, WLH12, Win14, XH13]. **Polynomial-based** [BCR11]. **polynomialization** [Boy11]. **polynomially** [Alc14]. **polynomials** [AAT11, AMPR10, ÁE10, ÁE11b, ÁNA14, Arv10b, Ave10, Beh14, BLO11, BR11a, BHJN10, BCGMB10, BLTW10, BG14b, BE11, Cas10, CK11, CG11b, CKM14, CL10c, DY13, DDM11, Dom10, DJJ13, DM10b, FPPX10, FPP12, GHM10, GQ14a, GHR10, He12, HC14, HV14, KÖ11, LW14, LW10a, yLGP11, MGZ10, MBS10, NLO13, OP12, ÖY14, Pré10, RP11a, SMDMY10, SMMD11, Sid14, Spe11, TS10, Van11a, WC11, WL11b, WL10d, YBD11, ZD13, dJP13, dJMPPC14, vDvFZ09, vDvFZ13]. **population** [AALMLM14, AMT11, ÁAG+13, LSW11, TOF14, ZZS11]. **poroelastic** [CLP10, ZTC14]. **poroelasticity** [BY14]. **porosity** [KMLT10, MHL11, RMP+13].

porous [AJK12, BGLV11, COW10, DQST14, EASS13, LE10, MHL11, MS13c, PTP10, PDE+13, PSRV10, RP10, Rah14, SSW14, SRP+13, Sun14, YMB14]. **Portfolio** [ZZC10, AMPP11, CW14c, fLxX12, Liu11c, PP14, RSK14, VDG11]. **posed** [BJRS12, CR12, CHL14, DR14c, HPR12, HR10, HR12, Liu14b, LFWL14, MM10, MRS10, Ram10, RS10b]. **posedness** [PW12]. **Positive** [CL11c, LS11, WZ10d, AGT13, BK10, BFS14, CJ10, DN13, DLWZ14, EZ10, EZ14, EGST11, GT09, KC10, KLL11a, LWZ+14, LHL11, PS13, RRMD13, SYİ11, SH11, Wan13, WWG10, ZF14, ZC10b]. **positivity** [Kha10, MT13, SSK+13, ZZS11]. **positivity-preserving** [SSK+13, ZZS11]. **possible** [Vel10]. **Post** [MR13]. **Post-processing** [MR13]. **posterior** [LLX14]. **posteriori** [ANS11, AM14b, BG14a, CZWD14, CM13, CL11e, CG14, CW14b, CET14, CN10, ESV10, FM11a, Gia12, HJS14, KL10a, KKN11, KP10b, LY13a, MJ14, NV11, NÖ10, Seg12, Sta11, ZFM14, dFGAN11]. **postponed** [SJA12]. **postural** [BAdS+10, BAdS+12]. **Potapov** [BL10c]. **potent** [LRT13]. **Potential** [MS13b, MRD13]. **potentials** [Fat13, JWY14]. **Potra** [CHMT10b]. **powder** [KFR13]. **Powell** [BFGP10, DY13, FGPP13, LMT13, SCFR14]. **power** [AH14a, Ars14, Ma10, pWqSmZ14]. **powered** [CZWD14]. **pp** [Wan11c, WYO11]. **Practical** [Zho12, Hua14c]. **Prager** [PTP10]. **pre** [PM11a]. **pre-test** [PM11a]. **precession** [CM10b]. **Precise** [Fuk11, Fuk12, Fuk13d]. **precondition** [JX10]. **Preconditioned** [SCFR14, AIA10, Cao13, FYA+14, HK12, HL13b, KOV11, KN10b, LHL10, PZ13, QY10]. **preconditioner** [CYJ13, FJP14, GW14a, GG10, PZJ12, PL10b, PW13, WL14a]. **Preconditioners** [BM11a, DDE14, AU14a, CDN14, DdS14, FdLW+11, GPZ10, LZ13d, Mor10b, SHZ10, SSF+11, SBGB10, WHL13, XN14, ZS13]. **preconditioning** [AM10b, CJY10, ENSCS12, FWBSBGA11, FPGMG11, Kur10, LZL11a, Spr14]. **predator** [AD10b, DF14, JJL11, LCZ11, LYP13, NPTH09, TSC10, WF10]. **predict** [BGS12]. **prediction** [ABÇ+11]. **predictions** [KD10]. **predictor** [FF14, KKR11, LXY13]. **Preface** [Ano10c, APW+14a, BFD+10, BBMSC10, CCQ+11, DG11, FL10b, GVV10, GGBA11, GVV12, NHVD10, SKSS10, Sol12, VV14, WWLY11, WWGM14]. **premium** [XYW14]. **premiums** [ZY10]. **premixed** [GJCL11, WCZ11]. **preprocessing** [WZD10]. **prescribed** [ÇMT14, CL11d]. **presence** [ÁAG+13]. **Present** [Tez14]. **Presentation** [ZCC+13]. **Preservation** [SLD13, ÁD12, HD13, Sza10]. **preserve** [BI12, Mah11]. **preserves** [Nau11, VAR11]. **Preserving** [VCA14, AP10, BBP14, BCMR12, CLS10, DR14a, GPS13, GSNA13, GG14, HHKK14, HLLW13, JWL13, wKK12, KHFC11, Kuz12, fLyHZ10, xLwCL10, MP10a, MT13, NTNBV14, RRMD13, SSK+13, SGO14, WH10, ZZS11]. **pressing** [PC12b]. **Pressure** [LL11a, MDVB13, AJK12, CAT13, Rah14, RVDM10]. **pressure-correction** [RVDM10]. **Pressure-velocity** [MDVB13]. **pressures** [AJK12]. **pressurised** [BG10b]. **prey** [AD10b, DF14, JJL11, LCZ11, LYP13, NPTH09, Reb12, TSC10, WF10]. **prey-predator** [AD10b, LCZ11]. **price** [GUO14]. **prices** [DDV10, GD10, HT14]. **Pricing** [ÇU14, DPV10, EF14, Emm11, NÖ10, YYL+10, Bal14, BHPS12, CMR11b, CLMR14, DF12, DFH14, ESC14a, FM14, Gon10, HS10b, HL14, HZR14, JK13, KZ13, LWN13, LLK14, LZ13e, MX10, MY13, NR14b, PZJ12, PO11, Tan14a, TTB14, YY10]. **primal** [Lam14, LL11d, SHZ10].

primal-based [SHZ10]. **primal-dual** [LL11d]. **primary** [HL13a]. **Principal** [CO11b, LWY10, WX10]. **principle** [AA14a, DW10, Wan12b, pYXPH10]. **principles** [Min10]. **prior** [FPG12]. **priori** [BFP11, KN10a]. **probabilistic** [LCN12, PM10, XCZ+11]. **probabilities** [AAK10, ACH11, CFGE10, HD14, KH13]. **probability** [LCN12, Sto11a, XCZ+11, YLS12]. **Problem** [MCS12, AA14a, AVGCMVM10, AP14a, AB14, AB10, AM14b, AV12, AC14d, BDL10, BFDP13, BOR+12, BY14, BSZ13, BSJ14, BC12, BEJ14, BFP11, BySZZ13, BDyS14, CDTV11, CR12, CS10, CM13, Cha11a, Cha10b, Che10, CHX11, CL11d, Che14b, CDV10, CAT13, CSC10, CF11, CL11f, DHSW14, DCGS13, DDDSC14, DY11, EGES14, EK12, EC13, FM11b, FM11a, FKL10, GPKV10, GA12, GD13, GSM11, GCH14, HHH+13, HDT11, HS10c, HLSX11, HNPX11, HY11, Jan14, JL11, JV10, KL10a, KLL11a, Kok11, KP11b, LZT13, LTX12, LV14, LCXL11, LQYL11, LL11a, LRZ14, Liu11c, LB11, LCW10, MHL11, MB11, Miy12, Moh13, Naf14, Nau11, NO12, PN11, PC12b, Pro12, QTS14, QXW10, QC14, QW10, Ram10, RE10, RBD11, RBD14, RU13, RR10, SSW14, SK14, SP11, TL13, Uty10b, Uty10a]. **problem** [VS13a, VDG11, VS13b, VT14, WZ10b, WZ10d, Xio10, XL11, XGL12, XW12, XZH14, YF14, YGHH14, YD11, YD12, ZLL10a, Zha11a, ZMZ13, ZW10, ZY14b]. **Problems** [DBZ10, AEWMES11, AGM12, ADG11, AMMS12, AK14a, ADRM12, AU14b, AS12a, AHH13, AS12b, AR10b, Ant11, AV10b, ANS11, APJ10, AKT14b, ARF14, BMS11, BBP14, BS11a, BBS14, Bar11, BK10, BLM11, BB11b, BM11a, BC10, BG14a, BGLV11, Bog11, Bog14a, Bog14b, BJ12, BHJN10, BJR+12, BP13, BB10b, BI12, BB12c, BN14, CB13, CK13, CYJ13, CZZ14, CDN14, CXL10, Cha11b, Cha10a, CPY10, CL11b, CL11e, CHL14, CMR11a, CGS11, CG13, CDQ14, CDKN14, CDKN15, CSZ11b, DH11, DAE13, Dek10, DC10, DCZ10, DW10, DMB10, DKH+10, DJ10, DR14c, Eba11, EGON10, ESM13a, EG11, EN14, ESV10, EGH12, FBB14, FdLW+11, FLHL14, FS14, FP13b, For10, Fu10, GCH13, GW14b, GVF+13, GC11, Gen12, GQL14, GM14a, GGH+14, GY11, GLWF13, GS12, yGZ13, Gus14, Gwi13, HHT12, HPR12, HKL11]. **problems** [HS10a, HLC11, HR10, HR12, HVV11b, HTH10, HCWsO13, IO14a, ISN10, JK10a, JK10b, JWW10, JWL13, JR10a, JKV11, JMS10b, JTV14, KP14a, KSK11, KMHM14, KKK14, KC11, KPKK12, KKN11, KNY10, KWW11, KLM14, KPW10, KR14, Kur10, KM10, LEKT10, Lay13, LTW10, xLwCL10, LHL10, LJCL11, LZL11a, LS11, LW13, LGM14, LL14a, Li14, lLfD10, LM12b, LZ12a, LZ12b, LLT+14, LMY11, LMYJ12, Liu12, LL13b, LZ13d, LYD13, LY13b, LO14a, LO14c, LXSC11, LC10, MY11, MS11a, MKS12, MVV14, MRD13, MMF10, MPS11, MV12b, MV14, Miy10a, MTJ11, Mol10, MS13b, ML10, MRS10, MPC10, MJ14, Mui10, Naz11, NTPVNHLX14, NV11, NL10, NCCF+10, OCU11, OA14, OG10, PTH10, PW12, PLN13, PNCC10, PT12, PP10a, PL10b, PAJ10, QT13, QCK10, QY10, RG11, RB13, RS10b, Ren10, Reu10, Rua13, RX10, RVPOR+11]. **problems** [SAY13, SSW14, SBFC10, Sch14c, Seg12, SCRG12, She10, SHZ10, SWY14, SHZ12, SB10, SDK10, SCDA10, SG12, SZS11, SSK+13, SZ11, SBGB10, SLK14, Tan14a, Tar10, TKW12, VS14, Wan10, WG10a, WCW10, qW11, WSWD11, Wan12a, WY13, WWG10, qWhY11, Wil13, WL14a, XZW14, XCY10, XMC11, Yan10a, YJ11, YZ11a, YKL11, YK11, YSW13, YL11c, pZxY12, ZFG10, ZL10, ZM10, ZZ12, ZS13, ZFM14, ZLW14a, ZW12, ZBC13, Zho11b, ZC10c,

ZLC10]. **procedure** [DDG13a, Li12, Xie12]. **procedures** [BRZ10, GN11, MS11a, SM10, SM14b, WZ11b, Yan10a]. **Procesi** [MM12b]. **process** [BSZ13, CFJ+11, KFR13, LWN13, PO11, RE10, WZ11b, WW12, pYXPH10, ZWZ11]. **process-integrated** [KFR13]. **Processes** [Rie13, AB13, EY14, FJ10, GHR10, HL14, JZ10, KWXZ14, KSRM12, LP12, NR14b, PC12b, SKKS12, YSW13, ZRW11]. **processing** [AY13, DDG+13b, Jia10, Jia11, LGMA13, MR13]. **Procrustes** [JWW10, QW10]. **Product** [ASST10, Not14, Wu10, AB11b, AWF11, AA14c, BFLP12, BwKB+14, GP11, GJ13, KS14b, LRZ14, MJG14, Nad11, NH10, Tyr10, VVV10, VL13]. **product/quotient** [VVV10]. **production** [HD13, TNN10]. **production-inventory** [HD13]. **products** [KF11, LWH+11, LA11, MR12, Pop10, SCRB+14]. **Professor** [MYZ10]. **profile** [CDTV11, PM10]. **profit** [BOR+12, Liu11b]. **program** [AÖ11, LPGX10]. **programming** [APW14b, CG12, FF14, GD14, LLT+14, LLW14, LCW10, PTSK13, SY11, SK14, YT12, ZTS11, dO10]. **programs** [CG10a, CS12, LTZ10, LZL11b, YWL14]. **progressive** [AHAH11, ADA13, BP11a, Fer14, LWH+11, LTZ10, WSS14]. **progressively** [Ism14]. **project** [AÖY10]. **Projected** [HC11, ZC10a, YSQ11]. **projecting** [CW13]. **projection** [CCG12, CY11, DSN14, HHL12, ISN10, JK10b, KN10a, LsGHZ10, LL11a, NRS10, PN11, PLN13, QCK10, RP11b, UM14]. **projections** [CLN14]. **Projector** [SL14a, TT12]. **prolate** [BDSG10]. **Proof** [HX14a]. **propagation** [ADG11, ÁD10a, AV10b, BFHK12, CC13c, HVV+11a, HHP+10, Sch14c, UBSG12, VVD+14]. **Proper** [RSFS14, CLLX11, yGZ13, Zim13]. **Properties** [BR14c, Arv10b, BCHL11, BB12b, ÇMT14, CKM14, DST10, FDH10, KÖ11, KO13, LHL10, MT13, SHZ10, WX12, XhW11, ZDP+14, Zho11a]. **property** [FZ11, LHL13, Sza10]. **proportion** [ÇU14]. **proportional** [AV12, CO13, YZ11b]. **proportions** [ÁAG+13]. **Proposals** [Law14]. **Prothero** [Ran14]. **protocol** [SPLHCB14, SBM14]. **proton** [SS14e]. **proved** [Akt14a]. **provinces** [ÇDE14]. **provisioning** [VDG11]. **proximal** [HHX14, SS14a]. **proximity** [CD11, Mee12]. **Pseudo** [SC10b, BAAS11, BGVHN13, Che14a, DSL12, FP13a, JK10b, KPW10, NOS14, YG14, YG13]. **pseudo-contraction** [JK10b]. **pseudo-contractions** [KPW10]. **Pseudo-differential** [SC10b]. **pseudo-Gompertz** [YG14, YG13]. **pseudo-inversion** [NOS14]. **pseudo-orthogonal** [BGVHN13]. **pseudo-parabolic** [FP13a]. **pseudo-random** [Che14a, DSL12]. **pseudoconvex** [SK14]. **pseudorandom** [Har11]. **Pseudospectral** [AT10, yGlJ11, CSZ11a, KHKM14]. **PSF** [DM12]. **Pták** [CHMT10b]. **public** [AA14b, AK14c]. **PUFEM** [LEKT10]. **pulmonary** [ÇDE14]. **pulp** [SH13a]. **pulse** [BMMR11, Beh14, SI11]. **pure** [Dos14, YC10]. **purely** [JL11, ZRK+12]. **pursuit** [SZJ12]. **put** [ZYL11]. **Pythagorean** [BBK+14, KL11, SF12]. **Pythagorean-hodograph** [BBK+14, SF12].

qd [AGT12]. **QP** [LFY11]. **QP-free** [LFY11]. **QRUP** [GGSP10]. **QTT** [RST14]. **Quading** [LQSL11]. **Quadratic** [QC14, AHR14, ARF14, BBP14, BGRS12, BP12, CS12, CK13, DS10a, EHR10, GHR10, HL13b, xLwCL10, LT11, dL14b, Lu13a, LCW10, MS11c, Naz11, Owa12, XCY10, YD11, ZCX14]. **quadratic-transformable** [CS12]. **Quadrature** [MS12, CA12, CR14, CIPS14, Dek10, ESM13c, EJJ11, EALA11, FS10, GCC14, HZ13, HLFP14, KX13, Kni10, LZ13a, LYD13, MO10, Mel10, PS14a, SH11, SHN13,

SH12, Sid14, Śmi11, SP10, Spa12, WSJ14]. **quadrature-based** [CR14, Śmi11]. **Quadratures** [BGVHN13, CBGVPP10, LLK14]. **quadrilateral** [FKNS11, Jia10, Lam14, LE10, PSS13]. **quadrilaterals** [yGlJ11]. **quadrotor** [BBP14]. **Qualitative** [HKL11, JJL11]. **quality** [AVMVMV10]. **Qualocation** [RU13]. **quantification** [HLF14]. **quantify** [SH13b]. **Quantile** [AMPP11, Hos11, JWY11, KG14]. **Quantum** [ÁE11b, MPS10, ÁE10, CFGE10, Lay13, LJ13, Vel10]. **quartic** [HwK11, LX12, Str10]. **Quasi** [ABN10, EZ10, GW12, MNQ14, Pov14, ABIS10, ASST10, AR10a, AELH10, BISS10, BGIN10, BGIN13, BGRS12, BHL11, BDR11, BR14c, CCH12, CC13b, CF11, DS10a, DSZ11, DS10b, FJ14, FPP14, FZ11, GW14d, HPL$^+$14, HJS14, ILMS10, KO13, KW10, LMT13, MS12, PY10b, QXW10, QCK10, VL13, WZA10, XSH10, ZY11b]. **quasi-** [QCK10]. **quasi-consistent** [KW10]. **quasi-interpolants** [ABIS10, ASST10, BGIN13, DS10a, ILMS10, LMT13]. **Quasi-interpolation** [GW12, BISS10, BGIN10, BDR11, BR14c, CCH12, FZ11, GW14d, MS12]. **quasi-linear** [BGRS12]. **quasi-minimal** [DSZ11]. **Quasi-Newton** [Pov14, AR10a, BHL11, CC13b, KO13]. **quasi-Newton-least** [HPL$^+$14]. **quasi-Newtonian** [ZY11b]. **quasi-nonexpansive** [WZA10, XSH10]. **Quasi-optimal** [MNQ14, HJS14]. **quasi-optimality** [FPP14]. **Quasi-positive** [EZ10]. **quasi-product** [VL13]. **quasi-reversibility** [QXW10]. **quasi-static** [CF11, DS10b]. **Quasi-stationary** [ABN10, AELH10]. **quasi-uniform** [FJ14]. **quasi-variational-like** [PY10b]. **quasilinear** [BG14a, FP13b, VT14]. **quasistatics** [TKW12]. **quaternary** [EI14]. **quaternion** [JWL13]. **Quenching** [Cha11b, BS13b, Cha11a]. **queue** [KKK12, YTFP11, ZH10a]. **queueing** [CLS12, YWW10]. **queues** [WYP10]. **Quintic** [CW12, CW14a, CW11a, CC12, DY13, LMT13, Lu13b, NRS11]. **quotient** [AGT12, BE11, Jia12]. **quotient-difference** [AGT12]. **quotients** [Zha14a].

R [MCS12]. **Rabinovich** [LYP10]. **Racah** [ÁNA14]. **radial** [AE11a, AM14a, AAD13, BLM11, Boy10, CGCG$^+$13, DS13b, FND10, JGK14, KG13, KFR13, KLL11a, MK10, QYZZ14, RLGGGÁM14]. **Radiation** [HWG10, BBD$^+$11, DME$^+$12, FYA$^+$14, KP11b, MT10b, VdKPB10]. **radiofrequency** [LLG14]. **radiographs** [HLF14]. **radiosity** [DHSW14]. **railway** [RLGGGÁM14]. **Random** [Hui10, AO14b, BP11b, BAAS11, Che14a, DSL12, Ery13b, GW14c, GAS14b, KM11, LQYL11, LZ13a, LVCC13, Nad11, OSR13, SRP$^+$13, Wei11, Wik10, ZH11, ZWZ11, Zho11b, ZwGhX14]. **randomized** [WYP10]. **randomly** [Mau10, SL12]. **range** [CLP10, Hui10, OP12, Sid14, WS13b]. **rank** [AZ11, BB12c, CS12, CCS10, Dax10, DLWZ14, Gal13, Gat14, JWW14, LZH14, LHC14, MU14, MML11, UM14, VVM10, WH10, WH13]. **rank-one** [MML11]. **rank-two** [CS12]. **ranked** [BAU13]. **ranks** [Tyr10]. **Raphson** [Gat14]. **rapid** [LWXW12, SKK14]. **rare** [NR14a]. **rate** [AH14b, BBMY11, BBS14, BÜ14, PS11c, SSR10, TNN10, XYW14, YYL$^+$10, YTFP11]. **rates** [DGI$^+$10, MNQ14, SB10, TYCL14]. **ratio** [JJL11, PS14c, WF10]. **ratio-dependent** [JJL11, WF10]. **Rational** [Boy13, BVV10, CBGVPP11, RSS14, AHM14, Ali11a, BK14c, BC12, BDH11, BNRZ12, BL10c, BGVHN13, CW11b, DP10a, DP11, FKL10, GK11, HX13, IO14a, JJK$^+$13, JR10b, KHKM14, KPV14, LLL$^+$11, Lu11, NH13, Van10, VCA14, WCW10, WW11a,

XZL11, XH13, XL12, Zha14b, ZLG12]. **ratios** [JK10a]. **Raviart** [BMN10]. **ray** [HLF14, VdKPB10]. **Rayleigh** [CFJ+11, Jia12, LWH+11, Xie12, Zha14a]. **Razumikhin** [PJ12]. **Razumikhin-type** [PJ12]. **Reaching** [AK14d]. **reacting** [RVDM10]. **Reaction** [FdOS12, AK14a, ANS11, AD10b, BV10, BS13a, BS13b, BFB14, CHMD14, CGL10, CG13, Dra13, DLP13, ESV10, GPHAPR14, HMS11, HMVPAR11, KR14, LWZ13, LJ11, Pop10, RK11, RRMD13, SYK14, SB10, WZ10a, Wan11f, ZD14, ZC10c, ZLC10]. **reactions** [CHMD14]. **reactive** [Emm11, RP10, SB10]. **Real** [DJJ13, BVV10, BGVHN13, CBGVPP11, HDT11, LWZ+14, MA13, MT10a, MBS10, OR14, OG10, Str12]. **realization** [FO10]. **reblurring** [DDE14]. **recognition** [MVC10]. **recombining** [LLK14]. **reconstructing** [Ger12]. **reconstruction** [ADLT13, CSL+11, GKL+12a, HSH12, KNR12, OGM14, PS10, WHLC11]. **record** [WS13a, YG14]. **recording** [BPS12]. **Recovering** [CS14, JWW14]. **recovery** [BSKL12, BR13, Cao14, CCG12, CN10, Gos11, HYY14, LZH14]. **rectangular** [AIA10, AAD13, Bay14, CBB13, GJCL11, WZ11a]. **recurrence** [Cas10, DST10, DMGVPN10, Kni10]. **recurrent** [LF10]. **Recursive** [MV12a, BDD14, CLS14, DSL12, MY14, PWZ11]. **redistribution** [KL10b]. **Reduced** [BBKS10, AHLJ14, CDQ14, DDM10, GK14, LXSC11, MPC10, OCU11]. **Reduced-dissipation** [BBKS10]. **reducible** [ABN10]. **Reducing** [CH14]. **reduction** [AG10b, BMS11, BSB14, BGKVW10, GPVL10, Har11, ILEE13, Lu13a, NRS10, PPG14, QLL11, SMD14, WS13b, WL10d]. **reductions** [LL14b]. **Refinable** [DY13, GPS13, KS14b]. **refined** [NY14]. **refinement** [BG14b, CFJ+11, Li10, MA11, RW10]. **refinements** [HKK10]. **reflected** [RE10, Xu11b]. **reflecting** [Dea11]. **Reflection** [Mau10]. **Reflectionless** [LL10]. **reflexive** [HY11, JWW10, lLfD10]. **refraction** [FGEM10]. **refuge** [Reb12]. **Regime** [MD10c, CLMR14, DS10b, ESC14a, JWY11, LZ13e, YY10, Zhu14]. **regime-switching** [CLMR14, JWY11, LZ13e, Zhu14]. **region** [CWQ11, JLZZ10, LJ13, OCU11, WDG+12, Zha10b, ZCX14]. **region-based** [LJ13]. **Regions** [GKLZ12, LDGY10]. **registration** [CC11b, LGMA13]. **regression** [DAH11, GCNL14, MOA10, MSW14, Nie13b, ÒW14, Pit13, XHmDW14]. **Regressions** [Hos11]. **regressive** [AMPP11]. **regular** [BS11b, GM14a, Hua14b, SSP12]. **Regularity** [Fad10, Rah14, LMYJ12]. **Regularization** [GP10, LPDN13, LXX14, Més12, BG13, CHL14, Chu10, DR14b, HPR12, JKS13, LV13, LL14a, MR11, QXW10, WHLC11, Wan11b, Wan12b, Xio10, XZH14, YF14, ZFM14, ZW10]. **Regularized** [BG13, Cai10b, MM11b, SWT12, ZC13, ZLL10b]. **regularizer** [XHmDW14]. **regularizing** [ENSCS12]. **regulation** [AVMVMV10, LZT13]. **Reichel** [GGSP10]. **reinforced** [VB14]. **reinsurance** [LRZ14]. **reinsurance-investment** [LRZ14]. **reinsurer** [LRZ14]. **Reissner** [WLL+11]. **REIT** [RSK14]. **related** [AS12b, CGS13, FLLT10, GGH+14, KPA14, Qi14, SL14b, Zha11c]. **relation** [Mol10]. **Relations** [ZZ12, Cas10, DST10]. **relationships** [CFdAR11]. **relative** [ÁD10a, ÁD12]. **relatively** [WSWD11]. **Relativistic** [KS10a]. **relaxation** [BY11, BS11a, BSS14, JD13, Kho11, Kok11, LJ11, LJ12, LZ13c]. **relaxed** [PD13, PR11]. **release** [FdOdS12]. **Reliability** [WS13a, Ery14, FPG12, OSR13]. **reliable** [AAI14, SBFC10]. **Reliably** [WM12b]. **Remainder** [KS14a, Bel13, Qi14]. **remapping** [BBKS10]. **Remarks**

[De 14, HV13]. **remodeling** [FM11b, MP10b]. **removal** [CC14a, LZ13c]. **renewal** [hBW10, JZ10, San11, ZZ13]. **repairable** [Ery14]. **reparameterization** [HX13]. **Repeated** [Bal14]. **replacement** [CL14b]. **Representation** [Ger12, CKM14, DFG+10, FJ10, HV11, IK13, MT12, WSK+11]. **Representations** [vDvFZ09, vDvFZ13, MP10a, Qi14, SWY13, Zho11a]. **Reprint** [CSSX14b, GZ14b, LO14c, Sch14b]. **Reproducing** [BM11b, DZZ14, GC11, LW13, MM11b, SD13, YSW12]. **reproduction** [CC13a, CR11b, FZ11]. **research** [GKL12b]. **reservoir** [DDG+13b]. **reset** [CMR11b]. **Residual** [BMS11, ANS11, Che13b, DSZ11, HVV10, LZ10, PW13, RA10, ZZG14]. **resistance** [KMD12]. **Resolution** [NCCF+10, AH14a, Bab10, BKTY14, MM11c, VTLF11, Wri10]. **resonance** [MTJ11, ZM10]. **resonant** [TA10]. **resource** [LNJ+10, LNB+12]. **respect** [ÇDE14]. **Response** [PS10, AHM13, AD10b, DF14, PVM+14, TL13]. **responses** [WF10]. **restart** [LT11]. **restarted** [NY14]. **restarting** [GZ13]. **Restoration** [CCS11, AMRS12, AVMVMV10, BEJ14, DDDSC14, DDE14, HL13b, JMV13]. **restricted** [HR10]. **restrictions** [LMM+10b]. **result** [CPP11, EHR10]. **resultant** [WH10, WH13]. **Results** [HD11, Ayd14, CSZ11b, EX14, Fad10, GPHAM10, Hui10, Kha10, LTW10, LHY10, LCI11, SL12, TT14b, Wik10]. **retarded** [LHL13, WZL11]. **retargeting** [LZSL11]. **RETRACTED** [Beh14, DS12b, XSV12]. **Retraction** [DS13c, Wan11c, WYO11, XSV13]. **retrial** [KKK12]. **return** [PP14, XYW14]. **returns** [Liu11c]. **reusable** [WRS14]. **Revelations** [DP10b]. **reversed** [WZS10]. **reversibility** [QXW10]. **reverting** [PO11]. **review** [NSZ10, Pit13]. **revoke** [APS14]. **reweighted** [LZH14]. **RFID** [SPLHCB14, SBM14]. **rho** [WZ12]. **Ribière** [YWL14]. **Riccati** [BHJ11, GG14, LwCLW13, LVCC13, PWZ11, WLD14, YLD13]. **Richards** [KMLT10, KMP14]. **Richardson** [CG13, ZFH10]. **Riemann** [HHM12, KAE+11, MA14b, Rza12]. **Riemannian** [ABCP14, BSBA14, PTSK13]. **Riesz** [ZD14]. **right** [DL12, DSY+11, HD11, LWH+11, lLfD10, MZL14, WM12b, ZDZ11, ZG14]. **right-hand** [DL12, DSY+11, HD11, MZL14, ZDZ11, ZG14]. **rigid** [MT14b]. **rings** [KFR13]. **Risk** [ÇDE14, DH10, BBB10, hBW10, CP13a, CO13, CGW14, CW14c, FM14, GL10, GW14c, GSK11, JZ10, LL11c, LB14, SH13b, TT14b, WW12, hXZ11, XYW14, YZ10a, YYL+10, YLS12, ZYL10, ZY10, ZY11a, Zha14c, ZZ13, ZwGhX14]. **risks** [DLSV14, HW10, KG14, KH13, PR12b, YLS12]. **risky** [AÖY10]. **Ritz** [CFJ+11, Xie12]. **river** [AVMVMV10]. **RKDG** [SR13]. **RMARS** [ÖW14]. **Robinson** [Ran14]. **Robust** [AU14a, BMN10, GY11, GG13a, fLxX12, Wil13, ZCH10, CL11a, CC11b, DP11, ESV10, FRB13, KR14, LS14, LdHA10, PP14, Pit13, Spr14, WZ10c]. **Robustification** [ÖW14]. **robustness** [KO13]. **ROCK** [KB12, KB13]. **rod** [CR11a]. **Roe** [TLNE10]. **role** [KH10]. **rolling** [KFR13]. **ROM** [AHLJ14]. **ROM-POD** [AHLJ14]. **root** [DP12, DP14c, GKLZ12, KP11a, Owa12, PPH10, Yan10b, Zie14]. **root-finding** [PPH10]. **root-solvers** [DP12]. **rooting** [Str12]. **roots** [WLH12, Win14, WM12b, Yun11, Yun12, ZZ11a, ZCS11]. **Rosenbrock** [BSB14, Gon10, GPHAPR14, KL14, LO14b]. **Rosenbrock-type** [GPHAPR14]. **rot** [KP14c]. **rotary** [KBKR14]. **rotating** [GRV11, HL13a]. **rotation** [MKD12]. **round** [CH14]. **round-off** [CH14]. **rounding** [Rum13a, Rum13b]. **roundtrip** [PVM+14].

Row [GG10, PGGCGF14, Ran14]. **RQEA** [LJ13]. **RSTLS** [DM12]. **ruin** [AAK10, ACH11, YLS12, ZZ13]. **rule** [BFLP12, Car11, CIPS14, DS10a, LWY10, LYD13, WDZ10, ZFM14]. **rules** [Dom14, GP11, HPR12, LZY10, Not14, SH12, SL12, WSJ14]. **Runge** [LO14c, BR11b, BB12c, But12, CFMR12, DP14a, DR14a, FBB14, FG14, GPHAM10, HVV10, HHKK14, HSY13, KKR11, Kha10, KB11, LL14a, LO14a, MK11, NTNBV14, PR10, SCRG12, Xie11]. **Running** [DP10a, DP11]. **Russell** [LNJ+10].

S [KB12]. **S-ROCK** [KB12]. **Sabin** [BFGP10, DY13, FGPP13, LMT13, SCFR14]. **Sabin-** [DY13]. **saddle** [BMS11, Bai13, BBB10, BM11a, CYJ13, Cao13, CDN14, FdLW+11, LHL10, LZL11a, PL10b, SHZ10, WL14a, ZS13, ZLW14a]. **Sakurai** [ISN10]. **salesman** [MB11]. **saliency** [LZSL11]. **Saltwater** [WDG+12]. **Sample** [Li14, Lu11, MSW14, KK13, MD13]. **Sample-based** [Lu11]. **samples** [LWH+11, PVP13]. **Sampling** [HLF14, AO14b, BAU13, BK13, Prz13, WSK+11]. **Sampling-based** [HLF14]. **Sánchez** [MYZ10]. **satisfying** [Cas10, FZ11, San11]. **saturated** [BGLV11]. **saturation** [Boy10, Fad10]. **Saving** [GWX10]. **scalable** [DKH+10, GG13a]. **Scalar** [KP14b, BGP11, CC13a, LB11, MSZ13, PGGCGF12, SLP11, SR13]. **scale** [AG10b, BOR+12, BKTY14, BHJ11, BGKVW10, CXH09, DHSW14, DdS14, EY14, ESM13b, FGO11, GKB10, GGH+14, LV13, LwCLW13, MA11, NL10, PM13, SW12a, YPL10, ZH10b, ZJ12]. **scaled** [BK14a]. **scales** [DHS11, GZL14, LH11a, WZMC11, ZM10, Zha11b]. **scaling** [CC13b, GG10, Kho10, LZ10, MMS13, OGM14]. **Scattered** [ZL13, BR13, CD10, FZ11, GST12]. **scatterers** [GST12, Mau10]. **scattering** [BP13, CDK10, DS11, GH10a, HNPX11, Kre95, Kre11, LMCW10, NA11, TA13]. **Scenario** [XCY12, BDV10]. **SCFT** [XZ14]. **Schatten** [LHC14]. **Schauder** [BGL13]. **Scheduling** [NGAZ11, HTM14]. **scheme** [ADA13, AHS14, ÁD11a, And10, BPS12, BDD14, BB11b, Bog14b, BG10b, Cai10b, CS10, CBB13, CCG13b, CXL10, CWY11, CGL10, CET14, Col13, CwYyY11, CyYwY11, Cui14b, DLG14, DS10b, DF12, EO14, EALA11, Fad10, FDD10, GW14d, GSGN11a, HL10a, HKO11, HK13b, IG12, JS10, JK10c, JW10a, JR14, KAE+11, KLNS11, KBKR14, KPW10, KS12c, LLS14, LCCK13, Li12, Lia14, LvDtTB+13, MHL11, Mat10, MT13, MDVB13, NCCF+10, RMP+13, RVDM10, RT12, SLP11, TY11, VMMM10, WG10a, Wan11a, Wan11d, WLD14, WC14, XSH10, ZBW11, ZTC11]. **schemes** [ADL+10b, ADL+10a, ADLT13, ADLS14, BK13, BB12a, CI13, CC13a, CL11b, CR11a, CCS10, CD11, CTV13, CM10c, DSC09, Dai11, DGG12, DH11, DH14, DFH14, DGW10, EZ10, EN14, FP13a, FJ14, GWZ11, GKT11, HMVPAR11, Kuz12, LE10, LM13a, LSW11, lLzS11, MF14, MS11b, MM12b, MA11, MK11, NNO12, SM11, Tan14a, TS12, TS14, WZA10, YMS10, YLD13, ZAT11, ZZS11, ZD10]. **Schmidt** [Liu11a, LZ13d]. **Schmidt-based** [Liu11a, LZ13d]. **Scholes** [CL11a]. **Schröder** [PPH10]. **Schrödinger** [KRS11, AS12b, AKT12, AKT14b, AK11, BKV10, CCG13b, CN11, EK11, JW10a, JWY14, Lak13, SKAM11, WZF11, Wan11d, ZBW11]. **Schrödinger-type** [Lak13]. **Schur** [BL10c]. **Schwarz** [CY11, GPZ10, KR14, Lui10, XN14]. **Science** [AVA13, VAV11]. **Sciences** [SKS14]. **scientific** [BDR10]. **scrapped** [TNN10]. **screening** [MA13]. **scroll** [BFB14]. **Sea** [MKK14]. **Search** [BJ14, CDJP13, CWQ11, DSL12, JK10a, KK13, Lay13, NY12, WTM12, Zho13].

searching [YTFP11]. **Seberry** [AHS14]. **secant** [AEG+11, BKGMA10, Gal13, KNY10, LP13, MML11, NY12]. **secant-type** [AEG+11]. **secant-updates** [Gal13]. **Second** [CRM10, DSC09, Dai11, LSW11, ABS11a, AGM12, ASS12, AS12a, AAD13, BDD+10, BB11b, BGGG+11, BG14a, Cai10a, CXL10, CL10b, CFL+14, Dom11, Dos14, EZ14, FKL13, Fuk11, Fuk13b, GC11, GQ14a, GP12, GD14, HSY13, HHZ11, HNK10, IK11, JR10a, KHKM14, KLL11a, KB11, KB12, LLS14, LS11, LZ13a, lLzS11, LZ12a, LB09, LB10, Mah14, Nei14, OMS10, PM13, Ren10, Rua13, SASH11, Tan10, WYP10, WY13, XL12, ZFG10, Zha11b, ZF14, Zho13, ZX10]. **second-** [ZX10]. **Second-order** [CRM10, DSC09, Dai11, LSW11, AGM12, BG14a, CXL10, CL10b, CFL+14, EZ14, GD14, HSY13, LLS14, LS11, lLzS11, LZ12a, LB09, LB10, SASH11, Tan10, WY13, ZFG10, Zha11b]. **section** [AVMVMV10, HHM12, PC12b]. **sections** [Hu12]. **sector** [GKLZ12, Zie14]. **secular** [BR14b]. **secure** [AHS14, NACLR12]. **securities** [JM12]. **security** [SBM14]. **segmentation** [BFMS11, RPS+11, ZZSW11]. **segments** [CC12, FSB10, Lu13b]. **Seidel** [KN10b]. **seismic** [BUG+13, DDG+13b, MKK14, MR10, UBSG12]. **Selected** [AVA13]. **selection** [CC14a, CW14c, fLxX12, Liu11c, VDG11]. **selective** [Ven10]. **self** [ĆRR+10, FiMO10, KKR11, Zha14a]. **self-adaptive** [FiMO10, KKR11]. **self-consistent-field-like** [Zha14a]. **selfadjoint** [CO11b, Yar10]. **Semi** [BSS14, Fat11b, WA14, ZLW14a, CGW14, Jan14, KP10a, LLT+14, LJ12, PP14, PGH13, RT12, Wei11, ZAT11, Zha11c]. **Semi-analytic** [Fat11b]. **Semi-analytical** [WA14]. **Semi-convergence** [BSS14, ZLW14a]. **semi-deviation** [PP14]. **semi-discrete** [RT12]. **semi-explicit** [Jan14, PGH13]. **semi-implicit** [Wei11, ZAT11]. **semi-infinite** [LLT+14, Zha11c]. **semi-linear** [LJ12]. **semi-Markov** [CGW14]. **semi-solid** [KP10a]. **semidefinite** [DLWZ14, FF14]. **semidirect** [NH10]. **semigroup** [MZ14]. **semigroups** [Mia10]. **semilinear** [Bog11, Mui10, MK11, VS13a, Wan13, pZxY12]. **Semilocal** [GP12, AR11, AEG+11]. **semiparametric** [DAH11]. **semiseparable** [BVV10, VVV10]. **Semismooth** [ZSX11, DA10, SZ11]. **sense** [CSY10, Col13]. **sensing** [CSSX14a, CSSX14b, ZSK+11]. **sensitivities** [Sch14a, Sch14b]. **Sensitivity** [Kni10, WYY+12, AHLJ14, DGI+10, SBCD10, YWW10]. **sensor** [DCGS13]. **separable** [BDMR10, YT12]. **separated** [ZZ12]. **separation** [SZJ12]. **separator** [MAK+14]. **sequence** [Bel13, ZWZ11]. **sequences** [AMPR10, AH12b, BL10c, DMGVPN10, EI14, EY11, ENSCS12, EGH12, bJfCwH14, Khr10, NLL13]. **series** [AA12, BCHL11, Boy11, Boy13, Che13a, CV10b, DJM10, Dom11, HNK10, IK13, MJ11, SL14a, SS14b]. **server** [EC13, WYP10, WK10]. **servers** [WK10]. **service** [TNN10, WYP10, YTFP11]. **Set** [BHMW13, MCS12, ADRM12, BAU13, BW14, BK14b, DW10, DGC+13, FW10, FJLL10, GCC14, KWW11, Kuz14, LH11a, fLxX12, ÖY14, SK14, Sto11a, TJL11]. **set-valued** [ADRM12, DW10, FW10]. **set/front** [BW14]. **sets** [CD10, CKM14, CGRS11, Fer14, FB12, GGS12, GÖ14b]. **setting** [GN14, LJE+10]. **several** [CT10, FPPX10, HM11]. **SFDEs** [BBMY11]. **Shack** [KNR12]. **shaft** [DKU14]. **shallow** [BS10b, CBB13, DV13, YC11]. **Shannon** [Wan11b]. **Shape** [LMM+10b, WUB10, DM10a, GPS13, JY13, wKK12, LBM12]. **shape-preserving** [GPS13, wKK12]. **shaped** [DA14, DMB10]. **shaping** [AHSN13]. **Sharing** [KS14a, JLZ14].

Sharma [PS14a]. **sharp** [IK11, PR12b, Rua13, SW12b]. **shear** [WTM12, YESD14]. **shearlet** [Gro13]. **shearlet-type** [Gro13]. **sheet** [TKW12]. **sheets** [KMD12]. **shell** [GCY13, WLL+11]. **Shepard** [CDD12]. **Shift** [CDN14, AMMS14, CL13b, GWX10, VVM10, VBP+10]. **shift-and-invert** [GWX10]. **Shift-splitting** [CDN14]. **shifted** [AM10b, KOV11, SL12, SSF+11, Tor14]. **shifted-Laplacian** [AM10b]. **shifting** [CKM14, DC10, DCZ10, SY11]. **shifts** [EGST11, NY14]. **ship** [LA10]. **Shiu** [GW14c, JZ10, ZY11a]. **shock** [APO14, Ery13a, OB14]. **shocks** [IG12]. **shooting** [AHH13]. **shops** [NGAZ11]. **short** [Ehr11a]. **shortest** [AHH13]. **shot** [IK13]. **shrink** [DKU14]. **shrinkage** [PM11a]. **shrinking** [QCK10]. **shunt** [ZTL13]. **side** [DL12, SZ10]. **sided** [SKN11, YZ10a, ZYL10]. **sides** [DSY+11, GNN11, HD11, MZL14, ZDZ11, ZG14]. **sideways** [LXX14]. **SiGeC** [LLG14]. **sigma** [DJM10]. **sign** [DC10, DCZ10, Hua14b, KC10, MY11, NV11, ZC10b]. **sign-changing** [KC10, MY11, ZC10b]. **sign-shifting** [DC10, DCZ10]. **signal** [AY13, CCG12, DDDSC14, Gos11]. **signal-restoration** [DDDSC14]. **signals** [Che14a, GLHCLP11, JPX11]. **signature** [Ery14]. **signatures** [LA10]. **signed** [WGZL14]. **significant** [MM12a]. **silo** [HDL+13]. **similarity** [AHM14]. **simple** [And13, BS10b, Col13, FRB13, JW10b, KZ13, LGR11, LL11d, TJL11, YWY+14, ZCX14]. **simpler** [CGS11]. **Simplex** [BSV12]. **simplexes** [WSJ14]. **simplicial** [JKK+10, Vit10]. **simplification** [CGRS11]. **Simplified** [DR14c, ARF14, DL13]. **simply** [Vit10]. **Simpson** [CC11c]. **simulated** [AG10a]. **simulating** [ÁD12, BHMW13, HDL+13, KAE+11, KS14d, LM13a]. **Simulation** [BFHK12, DGC+13, IG12, Bab10, BDV10, BSKL12, DA10, FRB13, GGAVRC14, GPVL10, GVF+13, GÖ14a, GMRK14, GWKE14, GJCL11, GKT10, HdJL+13, KWXZ14, KM11, KP10a, KH13, LVD+14, LMW+11, LvDtTB+13, MKK14, MVMG12, MS13c, NR14a, NdCDCFM10, NMBG14, PW12, SLK14, VMAVGCM13, VB14, WL11a, WCZ11, YZ11a, YLTB14, ZZC11, FDD10]. **simulation-optimization** [BDV10, VMAVGCM13]. **simulations** [ÁD11a, AJK12, AP10, BW14, BCD+10, Bra14a, DBHV10, yGZ13, HLLW13, KP14b, LXSC11, MDVB13, MR13, RVDM10, SW12a, VMS12, VSB12, WRS14, Xu11b]. **simulator** [WJJ14]. **simultaneous** [BG14b, LEVG12, LEVG14, PRM11]. **Sinc** [MA13, OMS10, PDP13, HX14a]. **Sinc-collocation** [OMS10, PDP13]. **sine** [Cui10, MD10b]. **sine-Gordon** [Cui10, MD10b]. **single** [AHM13, GUO14, PPG14, TNN10, TA13, VTLF11, WW11a, qWhY11, YWW10]. **single-layer** [TA13]. **single-machine** [TNN10]. **single-phase** [PPG14]. **singly** [DP14a, MK10]. **singly-excited** [MK10]. **Singular** [MMX10, Zhu14, AMMS10, AMMS14, ASST10, AS12a, AIA10, BH11, Bar13, BK10, Cai13, CA12, Che10, CL13a, CC14b, CA14, DMR13, Eba11, ELA10, EL11, EALA11, Gat14, HR10, JX10, JJE13, KXH13, KNR12, KLM14, LSD11, LHLL10, LLP12, LM12b, ML10, NY14, OMS10, PV10, PGH13, Prz10, QZX+11, RD10, Ren10, WCW10, qWhY11, Wu14, WZ14, ZS13, ZLW14a, ZC10b, ZC13]. **Singular-value-like** [MMX10]. **singularities** [Boy13, CS14, Dom14, Esc14b, HS11a, KP14a, KX13, OPPV10, WWG10, Yar10]. **Singularity** [LHLL10, DZZ14, HPL+14, ML14, Pag10, RR10]. **singularly** [Bog11, Bog14b, CXL10, CGL10, CG13, GQL14, KR14, RK11, RU13, WA14, ZC10c]. **SIR** [SI11]. **SIS** [AELH10]. **situations** [GPO14]. **Sivashinsky** [GP10, VMMM10].

six [MJ10a]. **sixteenth** [GK11]. **sixteenth-order** [GK11]. **Sixth** [HH14, CLS10, WZ10c]. **Sixth-order** [HH14, CLS10, WZ10c]. **size** [AALMLM14, KKK12, KA12, KK13, MD13, MSW14, ZZS11]. **size-structured** [AALMLM14, ZZS11]. **sizes** [HHL12, ZY11a, ZwGhX14]. **skew** [CL10a, PZ13, RRMD13, SC10c, ZM14]. **skew-Hermitian** [PZ13, ZM14]. **skew-symmetric** [CL10a]. **skewness** [ZZP13]. **skin** [Mee12, ZGZB13]. **slab** [Mau10]. **slabs** [Tau13]. **slicing** [XhW11]. **sliding** [DD14b, DD14a]. **slip** [LL11a]. **slope** [HdJL+13, Kuz10, LFY11]. **SLP** [HXW11]. **Smale** [AHK14b]. **small** [BS13a, Bra14b, ESM13b, JŽ11, JLZ14, Kni10, MM12a, Par10, Pas11]. **small-scale** [ESM13b]. **smallest** [NY14]. **smart** [GGAVRC14]. **Smooth** [CHZ10, AD11b, BT12, CS14, Dek10, DL14a, LYP13, SS14a, SSR10, ZWM11]. **smoother** [XN14]. **smoothers** [PC12a]. **Smoothing** [YP10a, DR14b, HVV10, LM12b, LG11, LH11b, LdHA10, MT13, QYZZ14, RX10, XMSS11, ZLL10a, ZH10c, ZLL10b]. **smoothing-type** [LH11b, ZH10c, ZLL10b]. **smoothness** [SR13]. **snake** [CSL+11]. **snl** [MK10]. **snow** [NdCDCFM10]. **Sobolev** [BDF+10, BCGMB10, DHS11, DM10b, SHN13, Wih11, dJP13, dJMPPC14]. **Sobolev-type** [DM10b]. **SOCCP** [LH11b]. **soft** [FJLL10, KWW11, QH10]. **Software** [MU14, LA10, MCS12, VMAVGCM13]. **solar** [DME+12]. **solectron** [Vel10]. **solid** [GCY13, KP10a, NTPVNHLX14]. **solid-shell** [GCY13]. **solids** [PTP10]. **solitary** [SC10d]. **Solodov** [ZYG10]. **solute** [RP10]. **Solution** [AU14b, AP14a, Beh14, PM13, AE11a, AM14a, AS12a, AV12, AAD14, ATS14, AuI13, AuIK14, BH11, BS13b, BSZ13, BGL13, BPGP11, COW10, CL11c, CDV10, DS13a, DDM10, DS12a, DAE13, Dos14, Dra10, Dra13, DS11, DR14c, EGES14, FLLT10, GG13a, GTS14, GKL12b, HLM10, HHT12, HHP+10, HKL11, HS10c, HS12, IK11, JV10, JTV14, KP14a, KHKM14, KLL11a, KSLD11, KA14, Kre95, Kre11, KT13, LD10, LSD11, LWXW12, LZ13d, Liu14a, LYD13, MMF10, MA13, MMS13, MMSW13, MN10, MV14, Moh13, Mön10, ML10, NLO13, NPTH09, OAHR11, Owa12, PT14, PKH14, Ram10, RGJ10, RG11, RST14, Rum13a, Rum13b, SSP12, Sha14, uIAAF14, SK14, SKN11, TSC10, VT14, WD14, WWC14, Xu11a, YY11]. **solution-dependent** [HKL11]. **solutions** [AF10, AS11, ASK11, ADRM12, AVGCMVM10, Alz10, AS10b, Asl10, Ass09, BS10a, BBMY11, BK10, BB11c, BC12, BHJN10, BKV10, CYJS14, CCDS14, CZ12a, CLS12, Cha10a, CCJC13, CL11e, CL14a, CN11, Chu10, DN13, DBZ10, DF14, EK11, EZ14, FKL10, GXW14, HZ11, HHH+13, HHHS14, HMS11, HR12, JWY11, KC10, KCBA13, KL12, Ku13, Kud10, KRS11, LS11, LLCL11, LHLC13, LWW13, LVCC13, LWZ13, LM13b, LZ13c, LL14b, MT14a, MA14b, MJ11, Miy10b, MR13, N'G10, OCU11, yP10b, PV10, RRMD13, She10, SC10c, SGG11, Sie11, SRWZ14, Tan10, TA10, WZS10, WZ10a, Wan11c, WC11, WZL11, WX12, WWG10, WZ10d, YT12, Yan11, YFWH10, YZ11b, Zha10a, ZFG10, mZkPkL11, ZF14, ZC10b, ZRW11, ZC13]. **Solvability** [HSY13, LH11b, ZM10, AAM14, DJ14]. **solve** [CV10a, CDS10, Gat14, LV14, LW13, Liu14b, MR11, PMC11, RBD11, RBD14, SBFC10, ZBW11]. **solved** [GA12, Lak13, Seg12]. **solvent** [MA13]. **solver** [Cai13, CLS14, GVM+12, GM14a, GCH14, HHM12, KAE+11, KOV11, Man11, NMS10, NBBKV10, PP10b, SM14a, Str10, TLNE10, VAR11, YMB14]. **Solvers** [MCS12, DP12, HVV+11a, HHLW14, KK14, SKK14, Wil13]. **solves** [Koç11]. **Solving** [AGT13, Bar11, BR14b, DHSW14, ESM13a,

EHR11b, FLHL14, FV10, GGH+14, JK10a, KMP14, LWW11, LwCLW13, MKS12, MM11b, QW10, SSW14, SP11, Str11, YK11, AEWMES11, ABS11a, AS10a, AAI14, AT10, ASS12, ÁECS12, AHH13, AH10b, AH13, AAD13, BDD+10, BMMR11, BBP14, BGGG+11, BC10, BP12, Bog14a, BJ12, CS12, CS10, Cha10b, CSZ11a, CZ12b, CC14b, CSSX14a, CSSX14b, CHMT12, CTV13, CHMT13, CyY10, DH11, DO12, Dha14, DCJ13b, DZZ14, EK12, EDP14, FG14, GZ10, GSGN11b, GSGN11a, GSNDB14, IHRA11, IR11, JK10b, JLZZ10, JX10, KS10b, KPKK12, KKPV11, LsGHZ10, LLP12, LW11, LZ14b, LY13b, LFWL14, LCW10, Mah14, MRD13, MA14a, McN10, MMS10, MM11a, Mol10, Mui10, Naz11, NO12, NOS14, NLL13, NBZ13, NASNY11, PLN13, PDP13, PT11a, Reu10, RP11a, Ros11, SH10]. **solving** [SXZ11, SB10, Śmi11, Ste10b, Sto11b, TP10, TY11, WL10b, WCW10, qW11, Wei11, XW12, XMC11, YPL10, YSW12, YBD11, Yun11, Yun12, ZH10c, ZS13, ZMZ13, Zha13, ZFM14, ZD10, ZLL10b, ZLC11]. **Some** [Ayd14, BK13, BHJ13, BB12b, BCGMB10, GQ14b, HV13, HHL12, KÖ11, MO10, Śmi11, Ste10b, Sza10, XC14, Yan10b, ÁD11a, Arv10b, Bar13, CFMR12, CGRLR11, GG10, GSGN11b, IR11, JMS10b, Ma10, NH10, PS14c, QGG10, QT13, QW10, Rza12, Sid14, TM11]. **Sommeijer** [Ano10b]. **Sommerfeld** [WTM12]. **SOR** [NK10, CZL14, yS05]. **sorption** [RP10]. **sound** [Uty10b, Uty10a]. **source** [Cha11a, DS10b, GI10, HTLI14, HCM14, LA10, MKK14, MCS12, SZJ12, SM11, XW12, YF14]. **sources** [FDH10, ZLC10]. **south** [KG14]. **SP** [PS11c]. **SP-iterations** [PS11c]. **space** [BL13a, CLLX11, CDKN14, CDKN15, DXL10, El 11, FJ10, HML14, KP14c, Law14, LPGX10, MLZ14, MSZ13, MM11b, MS11c, MS13b, MT14b, PSS13, SYİ11, SYK14, SH11, SHN13, SKN11, WWL10, Wan11a, WD14, XHmDW14, ZAWA13, ZD14]. **space-fractional** [SKN11, WD14]. **space-time** [MS13b, SYK14]. **Spaces** [BM11b, AHSN13, AB11b, BMMR11, BDR11, BR14c, CB13, CA12, ĆRR+10, DDG13a, DCJ13a, DW10, DHS11, EGON10, EHRV13, FO10, GP12, HK11, JY13, LC11, pLjH10, PS11a, SF12, SACS10, jTW14, WG10a, WZA10, WSWD11, WZY+14, YKL11, ZFG10]. **spacetime** [MA14b]. **spacing** [AV10a]. **Spalart** [DH13]. **Sparre** [TYCL14, Zha14c]. **Sparse** [FV13, NA11, WSK+11, AAI14, BDL11, BHPS12, CCG12, CLS14, DFG+10, GZ11, GGSP10, KR10, Man11, MVC10, NMS10, RVN13, ZGZW10, ZM14]. **Sparsity** [GKL+12a]. **Spatial** [KLL11b, Bal14, BBK+14, CC11a, ÇDE14, GKU14, YF14]. **spatial-dependent** [YF14]. **SPDE** [KH10]. **SPDEs** [Lan12]. **Special** [FHMZ10, Gra11, MYZ10, YFZ14, BDM+14, CM10d, Gau10, Van11a]. **species** [FLEa10, SB10]. **specific** [BDT+13, MHH+14, VMAVGCM13]. **specification** [YBD11]. **specified** [UÇD14]. **spectra** [Ave10, KA10]. **Spectral** [CC13b, CAT13, FD13, GK14, JM13, MY13, OA14, SHZ10, TA13, ZW10, AGT12, BFS14, Boy13, Cai13, CCJC13, CLN14, DSN14, FID11, FMP14, FV13, GPZ10, Gün10, yGZ13, HS10c, KH11, LHL10, LP13, MSP12, Mön10, NOS14, OS10, WCW10, qW11, WC11, WM12b, XWW10, Yan13, Yar10, YSQ11, ZML14, ZyG14, ZX10]. **spectral-Galerkin** [CCJC13, WC11]. **Spectral-scaling** [CC13b]. **spectral/** [MSP12]. **spectrally** [EY14]. **spectroscopic** [MM11c]. **spectrum** [BAK11, Cao13, LHL13, UÇD14]. **speech** [MVC10]. **speed** [Law14]. **speedily** [Koç11]. **sphere** [CD10, CGK10, LK13, RP11b, WSJ14, YC11]. **spheres** [LA11]. **spherical** [Car11, DGG12, FTTT13, GD13, ILMS10, RP11b, ZTC14, ZD10]. **spherically**

[PTP10]. **spheroid** [BDSG10]. **spider** [BSS13]. **spiral** [CHZ10, CC12, Gau10, Lu13b, WM12a]. **spirals** [CK14b, MSWY12, Nar14]. **Spline** [DDV+11, PT11b, PC11, WZY+14, ASST10, BGIN13, CW12, CP13b, CW14a, DM10a, DS10a, DCJ13a, EGES14, FO10, ILMS10, IO14a, JKS13, JR14, LMT13, LX12, LC11, LZDW14, LdHA10, MMS13, MD10a, MS12, ÖW14, PT11a, PT14, RG11, SW10b, SWY13, Sla14, VCA14, WZF11, WGZL14, Woź14, XH13, ZW11a]. **Spline-based** [DDV+11]. **spline-type** [FO10]. **splines** [ABIS10, BOR14, BCR13, BwKB+14, BLR10, BDR11, BR14c, CW12, GW14d, GJ13, He12, JŽ11, KP13, KP11a, wKK12, KPR11, KPBN13, KP14c, Kva11, MPS11, MJG14, Nar14, NRS11, OGM14, SW13, WLZ11, XhW11, YL11a, ZWM11, ZL13]. **Split** [BL13b, WL10a, BT12, CYJ13]. **Split-step** [WL10a, BT12]. **Splitting** [BDMR10, AMT11, AKT12, AKT14b, BS13b, BKL14, CHL11, CDN14, DSC09, Dai11, DH14, EO14, EDAP10, HHX14, JK13, KL10b, LTX12, LZ14a, MSE10, PAJ10, PZ13, SGG11, WL14b, ZML14, ZY14b, ZM14]. **spot** [HT14]. **spread** [DPV10]. **Spreading** [SMDMY10, SMMD11]. **Spurious** [Lak13]. **SQCQP** [TJL11]. **SQP** [bJfCwH14, JW10b, MR11]. **Square** [DR14b, BSV12, CZ13, FS12a, HP13, Hua12, Hua14a, Lan12, SW10a, SD13, TS12, TS14, ZW14]. **squared** [ZZG14]. **squares** [AG10b, BSV10, CC11a, GLHCLP11, HPL+14, JKS13, KH11, KNY10, KP10b, Ku13, LV13, LZ12a, LZ13d, LEVG12, MPC10, Nie13b, TR11, Tor14, WWC14, XHmDW14]. **ST** [FdLW+11]. **Stability** [AAY10, GXW14, HML14, LF10, LSXZ11, LHL13, MS11c, MK11, SLW14, TLHU10, WWL10, WZL11, WH12a, WH12b, XZH14, YW10, ZFH10, BV10, BB12a, BK12, CZ13, CK14a, CL14a, DR14a, DH13, GRV11, HHKK14, HV12, HGW13, Hu14, HGW12, Hua12, HS12, Hua14a, KH10, KS12a, KL14, LTX12, LC11, LH11a, LF11, Lia14, LYZ11, LFY11, Luo10, MSG11, MS13a, NTNBV14, NPTH09, PJ12, RBK11, TSC10, TS12, TS14, VMMM10, VAR11, WF10, XJ11, ZCH10, mZkPkL11, ZD11, ZW14, GPHAM10]. **stabilization** [Bay14, KFR13, MF14, TS10, VS14]. **Stabilized** [Sta11, AM14b, FKNS11, Lam11, LL11a, RYM+14, ZLC11]. **Stable** [AB10, EN14, OSR13, AGM12, ADL+10b, ADL+10a, BM10, CFF12, CDJP13, DP14b, DS13b, GPHAM10, GPHAS14, Gos11, IJ14, KM11, SASH11, ZFY11]. **stage** [BS11a, GPHAS14, HVV+11a, HDF+10, Kha10, LCZ11, LEVG12, NBBKV10, NTNBV14, ZGZW10]. **stage-structure** [LCZ11]. **staggered** [BBKS10, CC13c, MK11, Spr14]. **stagnation** [KMS14]. **staircase** [Dos14]. **standard** [ÁNA14]. **star** [Car11]. **Stark** [Gos11]. **starlike** [AP14b, Ayd14, KPA14]. **start** [AG10a]. **startup** [WYP10]. **state** [DJM10, DR14a, DBZ10, EX14, HHH+13, Koç11, KL12, LCN12, NPTH09, SS14e, TSC10, TA10, Wan11c, WYO11, XCZ+11]. **state-dependent** [DBZ10, Wan11c, WYO11]. **states** [CL14b, DC11, MK10]. **static** [CF11, DS10b, MKD12]. **stationary** [AELH10, ABN10, hBW10, CR11b, EGON10, GKT11, SKKS12, Uty10a, ZLC11]. **statistical** [AB11a, Akt14a, CDPP10, CPP11, WZMC11]. **statistics** [Ars11, BP11b, BK13, Ery13b, Tur12, YG13, YG14, ZH11]. **steady** [HHH+13, KM10, LCN12, SS14e, TA10, XCZ+11]. **steady-state** [HHH+13, LCN12, XCZ+11]. **steam** [HDF+10]. **steel** [MVMG12]. **Stefan** [MV12b, MV14]. **Steffensen** [CHMT12, EHRV13]. **Steiner** [LEVG14]. **Stenger** [HX14a]. **stenosed** [TTSB14]. **Step** [ASM13, KA12, ADCC12, AS12b, AH13, APJ10, BT12, CZ13, CCG13b, CT11,

CDJP13, CTV11, DEP11, DDV+11, GK11, GSNDB14, GWZ11, HHL12, Ism14, KKR11, KW11, LT11, MMS10, NBBKV10, NTNBV14, PY10a, Sha14, SASH11, TS14, VVM10, WL10a, WWW14, WK14, XSH10, pYXPH10, ZCC+13, ZW12]. **step-stress** [Ism14]. **steplength** [XSW12]. **Steplengths** [WHL10]. **stepping** [EJ10, GM10, GM13, MSE10]. **steps** [BDF+10]. **stepsize** [GPHAS14]. **Stiefel** [FB12]. **Stieltjes** [BHJN10, GA12, Mia10]. **stiff** [BGPPRW14, BL14, FBB14, GPHAM10, GPHAS14, IHRA11, LM14, LT13, MCS12, SM11]. **stiffness** [fLyHZ10]. **Stir** [FRB13]. **Stirling** [GQ14a, GQ14b, XC14]. **Stochastic** [AA14a, BÜ14, HT14, LZL11b, Pul14, Zho11b, AØ14a, AH14b, AB13, BV10, BT12, BB12c, CZ13, DF12, DFH14, FN10, GXW14, GÖ14a, Hau10, HGW13, HGW12, Hua12, Hua14a, HZR14, HS11b, Isl14, JJL11, JW12, JMV13, Kho11, KLNS11, KB11, KB12, KB13, KLL11b, Lan10, LF10, LF11, LXY13, Li14, LTZ10, LYZ11, LM13b, LNB+12, Luo10, MSG11, MS13a, MJ11, MSZ13, NBZ13, NÖ10, OAHR11, PJ12, PO11, Prz13, RHS11, Sla14, SOL11, TNN10, TW14, TS12, TS14, VTLF11, Van11b, WL10a, Wei11, WZ11a, Xu11b, XYW14, ZAT11, ZY10, mZkPkL11, ZRW11, ZW14]. **Stokes** [Dai11, AU14a, AB10, AM14b, BY12, BHMW13, CM12, CHX11, CW14b, CAT13, CDS10, DSC09, DD11, FLHL14, FKNS11, HHH+13, HL10a, HdJL+13, KH11, Lam14, LTX12, LZL11a, LL11a, Naf14, PSS13, Spr14, ZH10b, ZY14a, ZLC11, dAGR10, dFGAN11]. **Stokes/Darcy** [CM12]. **Stokeslets** [BG13]. **Stolarsky** [HH13, HH14]. **stone** [LMM+10a]. **storage** [CFMR12, HTM14]. **Storjohann** [Har11]. **strain** [GVF+13, JŽ11, KAS13]. **Strang** [EO14]. **strangeness** [LM14]. **strangeness-free** [LM14]. **strategies** [AAI14, ADGP11, KP14b, KA12]. **strategy** [AMMS14, CP13a, DSZ11, GL10, GCC14, GWX10, LT11, MR11, PY10a, TYCL14, Wih11, Zha14c, ZTL13, ZLW14b, ZwGhX14]. **Stratonovich** [KB11, KB12]. **streamline** [DV13, MS11a]. **Streamwise** [BKMG11]. **stress** [AHAH11, Ism14, PNCC10, YL11c]. **stresses** [BDT+13]. **stretch** [ZGZB13]. **stretch-forming** [ZGZB13]. **strict** [Ant11, JK10b, KPW10]. **string** [BG10a]. **stringed** [Fie13]. **strip** [JW10a, ZFY11]. **Strong** [BT12, CB13, JK10b, KB13, LXY13, MS13a, NTNBV14, QCK10, BHJN10, HHKK14, IG12, LLW14, RR10]. **Strong-stability-preserving** [NTNBV14]. **Strongly** [GPHAS14, ABN10, AK11, GPHAM10]. **Structural** [ZGZB13, BHBP10, GUO14, ILEE13, NTRNXB10, PNCC10, YL14]. **Structure** [BBP14, AP10, BB12b, CPP13, CL11d, CDQ14, DBHV10, DFG+10, GG14, HLLW13, JMS10a, JWL13, KHFC11, xLwCL10, LCZ11, Nai11, PP10b, WH10, YZ11a, ZGZW10]. **structure-oriented** [ZGZW10]. **structure-preserving** [GG14, HLLW13, JWL13, KHFC11, xLwCL10]. **Structured** [BN14, Win14, AALMLM14, AR10a, EZ10, GS12, KNY10, LE10, Li10, LZ11, LSW11, MU14, TOF14, UM14, VVM10, WH13, XLCC10, ZZS11]. **structures** [Bab10, DA14, FHPH+13, GJCL11, LM12a, SKKS12]. **studies** [HLLW13, RTL14]. **Study** [Mor10b, XSV12, XSV13, dAGR10, AHLJ14, AD11b, AC14c, BFS14, CI13, Col13, DI12, HwKB14, JK13, JR10a, KL12, ORP14, SBCD10, TTSB14, WZMC11, ZS11]. **Studying** [DGI+10]. **Sturm** [BAK11, Cha10a, CO11b, CSZ11b, GCH13, JTV14, Liu12, MRD13, RB13, Reu10, ZM10, ZZ12]. **style** [HL14]. **sub** [CYZ+11]. **sub-surfaces** [CYZ+11]. **subdiffusion** [LZDW14]. **subdivision** [BCR11, CC13a, CCS10, CR11b, CD11, CM10c, DGW10, Flo11, KP13, LLL+11, LZ13b, MS11b, MA11].

subdomain [Sun14]. **subgradient** [BSBA14]. **subgrid** [ZH10b]. **subgrid-scale** [ZH10b]. **subgridding** [WC14]. **subject** [CDPP10, LD10, YBD11]. **subjected** [AHM13]. **sublinear** [HZ11]. **submatrix** [YGHH14]. **subproblems** [LTX12]. **Subspace** [GCY13, HR10, AMRS12, CCS11, ENS14, IHRA11, Liu14a, NL10, PSS13, QY10, WZ14]. **Subspace-restricted** [HR10]. **subspaces** [Gos11]. **substencils** [Ger12]. **substitution** [XL12]. **substitutions** [LM12b]. **subsystems** [BBS14]. **Successive** [LsGHZ10, BY12, BCC12]. **sufficient** [Sza10]. **Sugiura** [ISN10]. **suitable** [ZZG14]. **suite** [MKS12, NACLR12]. **sum** [CID10, DS10a, GK11, HHX14, JK10a, Vel11, XHmDW14, YL11b, Zha14a, Zho11a]. **sum-of-ratios** [JK10a]. **Summation** [HZ13]. **Summation-by-parts** [HZ13]. **sums** [Ery13b, EGST11, KH13]. **sup** [CXZ14]. **Super** [Kho11, BM10, GS12]. **super-diffusion** [BM10]. **Super-efficiency** [Kho11]. **Supercloseness** [DLP13, FP13b]. **supercompact** [AM10c]. **superconductors** [JS10]. **Superconvergence** [HYY14, HX14b, HK11, LZY10, PN11, BG14a, Cao14, LWY10, WDZ10, ZL10, ZC10c]. **Superconvergent** [AST14, WG10b, GW10]. **Superfast** [RST14]. **superlinear** [AK14d, JW10b, LPGX10]. **superlinearly** [bJfCwH14]. **Superquadratic** [AMMS10, AMMS14]. **Supersingular** [GM14b, LZY10, Yan13]. **supersymmetric** [LWZ$^+$14]. **supervised** [SH13a]. **Supplement** [KB11]. **support** [AÖY10, MM12a, QTS14, Wu10]. **supported** [CCCM13, CCH10, CBGVPP11]. **Supraconvergence** [FP13b]. **supremum** [VAZS13]. **sure** [Lan12, MSG11, Rie13]. **Surface** [CHMD14, eMA14, AM11, BKMG11, BHMW13, CYZ$^+$11, CDK10, CM10c, FGEM10, HLLW13, Jia10, KS14d, LBM12, MT10b, Mor10a, NRP13, PY10a, SZ10, vGALL10]. **surfaces** [ALM11, BFGP10, CYZ$^+$11, DM10a, DP10a, DP11, FS12b, HCQ14, JR10b, KPBN13, LLL$^+$11, MP10a, SCFR14, WL10d]. **surrogate** [WCH11, Zim13]. **surrogate-assisted** [WCH11]. **Survey** [RVPOR$^+$11, CM13, DL12, FS14]. **survival** [YG14]. **suspensions** [KG12]. **SVD** [VVV10]. **swap** [YYL$^+$10]. **swaps** [SH13b]. **swarm** [AEWMES11, AZ11, ARF14, CRF14, RMF11, Wu10]. **Sweeping** [PV10]. **swirl** [ZZC11]. **switched** [Büy12, ZSG$^+$14]. **switching** [AA14a, APW14b, CLMR14, ESC14a, HS10b, JWY11, LXY13, LZ13e, MD10c, YY10, Zhu14]. **Sylvester** [KT13, WH10, WH13, ZM14]. **Symbol** [DDDSC14]. **symbolic** [BL13a, MRT13a, SC10a]. **symbolic-numerical** [BL13a]. **symbols** [CR11b]. **Symmetric** [Han11, KP11a, SH12, WSJ14, AMMS12, AS11, ASK11, AS12b, BR11a, BOS12, BCC$^+$13, CL10a, CCCM13, CZL14, CG11b, CL13a, CH14, DH13, DLWZ14, EO14, EJ10, FV14, LL10, MJ10a, McN10, MML11, QY10, RSV12, RT12, SC10c, Sid14, SL14b, WLD14, WH12a, YY11, YSZ11, YGHH14, YL14]. **symmetric/antisymmetric** [YSZ11]. **symmetrically** [TTSB14]. **symmetries** [Alc14]. **Symmetry** [LL14b, SOL11, SKAM11, BSS13, HL13a, Jia10, Jia11, fLyHZ10, PM11a, RRMD13, ZYC13]. **symmetry-preserving** [RRMD13]. **Symplectic** [FG14, KHFC11, CSZ11a]. **symplecticity** [BB12c]. **synchronization** [HL10c, WC10]. **synchronous** [DH11]. **synthetic** [PRT10]. **system** [AD10b, BAdS$^+$10, BAdS$^+$12, BL14, BJ13, Büy12, CXL10, CHRZ13, CW14b, CR14, CL14b, Col13, CyY10, CwYyY11, CyYwY11, DW10, EC13, FDH10, FV10, GRV11, HZ11, HwKB14, ILEE13, JJL11, KFR13, KS14b, LCZ11, LYP10, Liu14a, Liu14b, Man11, MM11a, N'G10, NF14, NMS10, PL11,

PY10b, RK11, RTL14, SCRB+14, Sez10, SJA12, TNN10, jTW14, TW14, WL11a, Wan11c, WA14, WK10, Wu10, XHZ12, XZ14, YY11, YWW10, YSW12, YZ10b, ZH10c, mZkPkL11, ZYW14, ZTC14, ZD10, ZGZW10, ZLL10b, ZZ11b, dAGR10]. **systems** [AS10a, AA14a, AGJ13, AAM14, AAI14, AMV13, AF10, AS11, ASK11, AG10b, AIA10, AC14b, AGT13, BDD+10, BS13a, BGPPRW14, BFB14, BGGG+11, BGS12, BHJ13, BFG+14, BDMR10, BMN10, Bra12, BNRZ12, BCMR12, BL11, BGKVW10, BHBP10, CA12, CLS14, CZ12a, CZL14, CHMD14, CJ10, CXH09, CV10a, CGL10, CHMT10a, CTV13, Dea11, DR14a, DAW11, Dha14, DJ14, DSY+11, Ery14, EX14, EJ10, FO10, FHPH+13, FJP14, GW14a, GC11, GI10, GPHAM10, GG10, GSGN11b, GSGN11a, GT09, Gus14, HD11, HLC11, HK13a, HM11, Hu14, Hua12, Hua14b, Hua14a, ILEE13, KA12, KA14, KN10b, LWW11, Lam11, xLwCL10, LLP12, LWZ13, LT13, LHL11, MF14, McN10, MZL14, Miy10b, MT14b, NOS14, NLL13, PL10c, PZ13, QC14, RBK11, RYM+14, RP11a, Rum13a, Rum13b, SXZ11, SSF+11, TS12, TLNE10]. **systems** [Wan10, WZ10a, WSWD11, WZ14, WL14b, XJ11, YT12, YD12, YL14, ZSG+14, ZCH10, ZDZ11, ZJ12, ZHCW12, ZG14]. **Szász** [Mah11]. **Szeged** [YAKA11]. **Szego** [CGK10].

T1 [RPS+11]. **T2** [RPS+11]. **T2-weighted** [RPS+11]. **tabular** [PGGCGF14]. **tag** [SPLHCB14]. **Tail** [KKK12, KH13]. **tails** [NR14a]. **tangencies** [FTTT13]. **tangential** [GNN11, Mor10a]. **tangents** [LLL+11]. **Target** [LJE+10, LL10, PP14]. **Taylor** [Dom11, HNK10, MS11b, MJ11, NBBKV10, Prz10, SL14a, WW14, ZAT11]. **Taylor-series** [HNK10]. **tearing** [NMS10]. **tearing-based** [NMS10]. **technique** [ÁECS12, CZWD14, ÇU14, CL13b, CHMT13, DBHV10, DAE13, EGON10, FRB13, GSM11, LY13b, LFWL14, MMS13, RW10, RRMD13, Wan12a]. **techniques** [AELH10, AC14c, BGL13, Cao14, CWQ11, DDE14, GPVL10, LZ10, LMM+10a, LMM+10b, Més12, PR12a, SH13a, SLK14, WB10, ZF14, ZTL13]. **technology** [HD13]. **telegraph** [FRXY13]. **telephone** [WL11a]. **Tempered** [BM10, KM11]. **temporal** [AHM13, WZMC11]. **temporally** [YESD14]. **temporally-evolving** [YESD14]. **Tension** [MPS11, DM10a, KS14d, Kva11]. **Tensor** [Tyr10, BwKB+14, BHL11, CL13a, GJ13, KS14b, Kho10, LZI10, MD13, MJG14, Spe11]. **tensor-product** [BwKB+14, GJ13, MJG14, Tyr10]. **tensors** [LWZ+14, ZZP13]. **term** [And13, Cas10, DST10, EGBS12, MY11, PT11b, SD10, WLZ14]. **terminals** [HTM14]. **terms** [BV10, GQ14a, HLM10, HMS11, Rah14, SM11, XSH10]. **terrain** [CGRS11, ZM13]. **Test** [MCS12, PS10, FPG12, GÖ14b, Ism14, PM11a]. **testing** [ZDP+14]. **tests** [AÖ11, VSB12]. **tetrahedra** [SH12]. **tetrahedral** [JKS10, NRS11]. **textile** [ZS11]. **TFETI** [DKH+10]. **th** [GKLZ12, JGH+13, SH10, Zie14]. **their** [BSB14, BFS14, DH14, GK11, HV12, LW14, Ma10, MBS10, QLL11, UÇD14, VAR11]. **Theodorus** [Gau10]. **Theorem** [GGH+14, KS14a, AAM14, FJ10, HCWsO13, Khr10, Lan10, NK10, SW12b, yS05]. **theorems** [Akt14a, CB13, ĆRR+10, JK10b, PD13, PJ12]. **Theoretical** [Wik10, OCU11]. **theories** [ZF14]. **Theory** [BDJ+11, GR13, AHK14b, Bak10, BS13c, BLTW10, CFGE10, GG14, KWW11, KS14d, Kre95, Kre11, LMW+11, NSZ10, WLL+11, YFZ14, YLD13, ZWZ11]. **therapy** [GPVL10]. **thermal** [VdKPB10]. **Thermally** [ZY11b]. **thermo** [NRS10]. **thermo-mechanical** [NRS10]. **thermoacoustic** [HHP+10].

thermoelasticity [SCDA10]. **thermoviscoelastic** [CF11]. **theta** [CI13, Hua14a, ZW14]. **thickness** [LLG14]. **thin** [BOR14, CHH10, CC11c, KMD12, TKW12, WL11a]. **thin-sheet** [TKW12]. **Third** [ABG11, ABCP14, HH13, AM11, BDD+10, Büy12, CN11, CGL10, Fuk12, Fuk13a, GZL14, LGZ10, WX12]. **Third-order** [ABG11, ABCP14, HH13, GZL14, LGZ10, WX12]. **thixoforming** [KP10a]. **Thomas** [Boy13, KHKM14, PDP13]. **Three** [BDSG10, CTV11, GH10a, NMBG14, AÖÖ14, And13, Bra14b, CG10b, Cas10, CGS13, CGK10, DST10, DD11, EX14, Fat11a, Fat11b, Fat13, FND10, GMRK14, HS10a, HdJL+13, HHLW14, LS11, MTJ11, PW12, PL10c, Sch14c, SLK14, TP10, WZ10c, WLL+11, pYXPH10, ZTC14]. **Three-dimensional** [BDSG10, NMBG14, CGK10, Fat11a, Fat11b, Fat13, GMRK14, HdJL+13, Sch14c, SLK14, WZ10c, WLL+11]. **three-field** [FND10]. **three-phase** [PW12]. **three-point** [LS11, MTJ11, TP10]. **three-state** [EX14]. **Three-step** [CTV11]. **three-term** [And13, DST10]. **threshold** [GL10, KBKR14, Reb12, Zha14c]. **Tight** [CCH10, YSZ11]. **Tikhonov** [BFLP12, BEJ14, CHL14, Chu10, GN14, HPR12, LV13, Wan12b, XW12]. **Tikhonov-type** [Chu10, XW12]. **Time** [DC10, DCZ10, JGK14, MSE10, Mön10, SHZ12, AK14a, AH14b, BY12, Bak10, BCHL11, BG11, hBW10, BÜ14, BSB14, BDMR10, BSJ14, BHJ11, CFMR12, CR12, CK13, CL11c, CHH10, CGS11, CG13, DJM10, DS14, DD11, DMMP10, EGES14, EGON10, EN14, Ery13a, EJ10, FL10a, FGO11, GGAVRC14, GZL14, GPHAPR14, GM10, GM13, GS14, GH10b, GP10, HWG10, HL10a, HD13, HL11, JM11, JW10a, JR10a, KKR11, KR14, KMLT10, LD10, LTX12, LPDN13, xLwCL10, LH11a, Li12, LwCLW13, LSW11, LB14, LS10, MJ11, MSZ13, MS13b, NGAZ11, NF14, NTNBV14, PVM+14, RBK11, RG12, RRMD13, Sch14d, SI11, SYK14, SJA12, SOL11, TR11, VVD+14, WZF11, Wan13, WW12, WHL13, XJ11, YY11, YLS12, YTFP11, ZCH10, ZM10, Zha11b, ZZ13, ZW10, dAGR10, dO10]. **time-delay** [xLwCL10]. **time-delayed** [RRMD13]. **time-dependent** [BY12, BSJ14, CR12, CGS11, DS14, EGES14, GS14, HWG10, HL10a, HL11, JW10a, KR14, LD10, LPDN13, LB14, MJ11, SYK14, SOL11, TR11, YY11, dAGR10]. **time-discretization** [NTNBV14]. **time-domain** [BG11, CHH10, FL10a]. **time-fractional** [JM11]. **Time-harmonic** [Mön10, DMMP10, WHL13]. **time-scale** [FGO11]. **time-space** [MSZ13]. **time-step-based** [KKR11]. **time-stepping** [GM10, GM13]. **time-varying** [CK13, CL11c, RBK11, XJ11, ZCH10]. **times** [MB11, ZY11a]. **timesteps** [DH14]. **Timoshenko** [HKO11]. **tissue** [LP10a]. **titanium** [KS12b]. **TM** [KS14c]. **TM-waves** [KS14c]. **Toeplitz** [LHL11, BGM10, CJ10, CV10a, Cin12, Cin14, DDDSC14, ENSCS12, GT09, McN10, ZZ11b]. **together** [ZFH10]. **tomography** [BCM10, GKL+12a, GCH14, HHT12, WB10]. **Toolkit** [SPC14]. **tools** [DDG+13b, HSH12]. **topography** [YC11]. **Topological** [AP10, DA14, LQSL11]. **topology** [DL14a, PNCC10, WB10, WUB10, ZGZB13]. **torus** [Kim12]. **torus-torus** [Kim12]. **Torvik** [CK14a]. **total** [Bir11, LV13, LL14a, NGAZ11, SWT12]. **trace** [APS14, AA14b]. **tracing** [VdKPB10]. **tracking** [BW14, DBHV10, FdOdS12]. **tract** [PKH14]. **traction** [YC10]. **traffic** [BJ13, GGAVRC14]. **training** [MVC10]. **trajectory** [ESM13b]. **transaction** [AV12]. **transcendence** [Zho11a]. **transcendental** [Fuk13d]. **transcription** [ESM13b]. **transduction** [PSKA14]. **transfer** [ÁECS12, KP11b, KD10, LBM12, LMW+11,

SDK10, ZD10]. **Transfinite** [BF10]. **Transform** [BC10, MPS10, ÇU14, CFH14, HS11a, HZR14, KKPV11, KL11, MT10a, NS10, NA11, PMMS14, SW10a, Tan14b, ZD14]. **transformable** [CS12]. **Transformation** [ZF14, AM10a, CDS10, HV14, SGG11]. **transformations** [CCCM13, Che13a, Fuk11, Fuk12, Fuk13a, GHM10, RVPOR+11, SA14]. **transformed** [NR14b]. **transforms** [CA14, FS10, Mia10, XXH14]. **transient** [AHM13, BM10, Bay14, CLS12, CLP10, KAE+11, RVDM10, SM14a, SDK10]. **transition** [HL13a]. **Transmission** [CHH10, AK14c, HLSX11, JV10, LGR11, Mau10, NV11, RL10]. **transonic** [APO14]. **Transparent** [BDL10, SZ10]. **transport** [BCM10, CGS12, GG14, KSRM12, KG12, MHL11, PC12b, RP10, RW10, SB10, SRP+13, Sun14, SS14e, SKKS12, Vel10, VS14, YLD13, ZS11]. **transpose** [SRWZ14, Yeu14]. **transposition** [DP10b]. **transverse** [SZ10]. **Tranter** [FMP14]. **trapezoidal** [Car11]. **travel** [MB11]. **Traveling** [LCZ11, LWZ13, Sie11, WZ10a, ÁD14, ÁD15, MB11, ZLC10]. **travelling** [ÁD11a]. **travelling-wave** [ÁD11a]. **treating** [MVMG12]. **treatment** [AVGCMVM10, CK13, Eba11, Fat11b, FFM+11, FYM10, Odi11, PNCC10, Pas11]. **treatments** [PGH13]. **Tree** [BBD+11, KS14b, KPsQ11, LEVG14, MY13, XCY12, YFZ14, YY10]. **trees** [BDV10, BDL11]. **Trefftz** [FLHL14, KSTW14, LLCL11, RW14]. **Trends** [GKB10]. **Tresca** [Gwi13]. **Tri** [PZJ12, Liu14b]. **Tri-diagonal** [PZJ12]. **tri-vector** [Liu14b]. **trial** [LY13a, RW14]. **triangle** [BSV10, RSV12]. **Triangular** [CYZ+11, ALM11, AM11, CZ14, GGLR10, HK14, JJE13, KA10, LQSL11, NTRNXB10, RSGL14, WL10d, WL14a, YC10]. **triangulated** [FS12b]. **triangulation** [BGIN10]. **triangulations** [BFGP10, DM10a, DY13, SCFR14]. **triboelectrostatic** [MAK+14]. **Tricomi** [LW14]. **Tridiagonal** [FWBSBGA11, LL13a, BCC+13, KMG12, MVV14, MRT13a, WH12a, WH12b]. **Trigonometric** [HP10, SS14c, EGBS12, GW14d, JR10b, JR14, PHS14, TLHU10, Wu14, YL11a]. **trinomial** [YY10]. **trip** [LQYL11]. **triples** [MMX10, WK14]. **triplets** [NY14]. **Troesch** [Cha10b]. **Trotter** [Pop10]. **truncated** [GA12]. **truncation** [LL10, PPG14, ZFM14]. **trust** [CWQ11, JLZZ10, ZCX14]. **trust-region** [JLZZ10]. **Tseng** [ZYG10]. **tsunami** [MKK14]. **tumor** [HHH+13]. **Turbine** [NMBG14, BL10b, HDF+10]. **turbulence** [BFB14, DH13]. **turbulent** [ORP14, WCZ11, YESD14]. **Turing** [SBL12]. **Turkey** [ÇDE14]. **Turkish** [MKK14]. **turning** [GQL14]. **TVD** [GZ10]. **twelve** [FTTT13]. **twisted** [KMG12]. **Two** [APO14, AB11b, BKGMA10, BK14a, BS11a, BL11, CSL+11, CT11, DH11, Gas14a, GNN11, LW10a, LEVG12, LYP13, Mol10, PS14b, XN14, ABS11a, AAT11, AF10, AE11a, AM14a, AH13, AAD13, AuIK14, BDD+10, BMMR11, BW14, BOR14, BSJ14, BDF+10, CS12, CZ13, CCG13b, CC11a, CAA10, CPY10, CL10b, CSZ11a, CL14b, CK14b, CDJP13, CyY10, Cui14a, CID10, DEP11, De 14, DA10, DQST14, DKH+10, Dou12, DGC+13, Eba11, EASS13, FPP12, FRXY13, GW14c, GSK11, GK11, GSNDB14, GZ14a, GZ14b, HdJL+13, HTH10, Hua14a, JK10b, JZ10, JW10a, JV10, JKV11, Jun13, KSK11, KHFC11, KW11, LZ12a, LZ13e, Lu14, LC10, MSWY12, MD10b, MV14, MA11, MS13c, NLO13, NRP13, PY10a, PR12a, RW10, RG11, SR11, Sch11, Sha14, SASH11, Sun14, SS14e, SKN11, TS14, WYP10, WG10b]. **two** [WZLP11, Wan13, WK14, WL11b, XLCC10, Xu11b, YZ10a, YSZ11, YL11b, ZML14, ZYL10, ZYW14, ZY14a, ZGZW10].

two-by-two [ZYW14]. **Two-dimensional** [APO14, BL11, Gas14a, ABS11a, AE11a, AM14a, AAD13, AuIK14, BMMR11, BSJ14, CSZ11a, CK14b, CyY10, Cui14a, DA10, DKH+10, Dou12, HTH10, JW10a, JV10, KHFC11, NLO13, NRP13, PR12a, WG10b]. **two-fluid** [DGC+13]. **two-grid** [CL10b, JKV11, Wan13]. **Two-level** [XN14, ZY14a]. **two-mesh** [RW10]. **two-objective** [KSK11]. **two-parameter** [FRXY13, GSK11]. **two-phase** [BW14, DQST14, EASS13, HdJL+13, MV14, MS13c, Sun14, SS14e]. **two-point** [CAA10, Eba11, LZ12a, LC10, MSWY12, RG11]. **two-scale** [MA11]. **two-sided** [SKN11, YZ10a, ZYL10]. **Two-stage** [LEVG12, ZGZW10]. **two-step** [AH13, CZ13, CCG13b, CDJP13, DEP11, GSNDB14, KW11, PY10a, Sha14, SASH11, TS14, WK14]. **Two-step-by-two-step** [CT11]. **two-types** [CL14b]. **Two-variable** [LW10a, AAT11, GK11]. **Two-view** [CSL+11]. **type** [Akt14a, AT10, ÁD14, ÁD15, AR10b, ANS11, AD10b, AR11, AEG+11, AK14b, Bak10, BFGP10, BGIN10, BLO11, BTSA14, Cai13, CAA10, Che13b, Chu10, ĆRR+10, CT11, CHMT12, Dea11, DAE13, Dom11, DBZ10, DM10b, DAH11, EY14, ELA10, EL11, EALA11, EHR11b, FO10, FPPX10, FGPP13, FG14, FN10, GST12, GPHAPR14, Gro13, KKR11, Lak13, Lan12, LWH+11, LW10a, LF11, LL14a, LTFL10, LH11b, Ma10, MV12b, NRS11, OPPV10, OB14, PM13, PJ12, PGGCGF12, QLL11, RCM+12, RA10, Sch14d, SAB14, SZS11, SZ11, TL13, WHL10, Wan11a, WSWD11, WZL11, XW12, YKL10, Yan10a, ZH10c, ZH11, Zho13, ZLL10b, AHAH11, Ism14, WSS14, JS10]. **type-** [BGIN10]. **type-2** [QLL11]. **type-6** [NRS11]. **Type-I** [WSS14]. **Type-II** [AHAH11, Ism14, JS10]. **types** [CL14b, EK11, GW14c, KRS11, LL14b, LYP13]. **Uhlenbeck** [Sch14d, WZ11b]. **ultra** [FGEM10, HCM14]. **ultra-refraction** [FGEM10]. **ultraconvergence** [LZY10]. **ultrahigh** [WWW14]. **unbounded** [CIPS14, SWY14, XW12, ZAWA13]. **uncertain** [AÖY10, DCGS13, TLNE10]. **Uncertainty** [DAW11, CV10b, HLF14, KSRM12, fLxX12, ÖW14]. **unconstrained** [And10, And13, CWQ11, DW11, GS12, JLZZ10, KK13, LP13, NY12, SS14a, WLWH11, XSW12]. **Undamped** [BS11b, YD12]. **underdetermined** [Miy10b]. **underlying** [LZ13e]. **underwater** [MKK14]. **undetermined** [BBD13]. **undisturbed** [Tez14]. **unfitted** [NS14]. **uni** [vGALL10]. **uni-directional** [vGALL10]. **unified** [ABG11, FM14, KL11, NNB13, SAY13, Yan13]. **Uniform** [Bog11, GÖ14b, RP11b, ZWM11, AV10a, AM10c, Ars11, BCR11, BCR13, Bog14b, CXZ14, DFH14, FJ14, Jia11, KP13, MOG10, XH13, YZ10b]. **uniformly** [CG13, RK11]. **Unifying** [TA10, Bir11]. **unilateral** [Gwi13, Kok11]. **Uniqueness** [JLZ14, BB11c, KL12, Sha14, Zha10a]. **unit** [BC12, CGK10, CBGVPP10, CBGVPP11, GHM10, HV14, WW11a]. **unitary** [HV11]. **unity** [BDyS14, HTH10]. **universum** [QTS14]. **unknown** [KP14a, LD10, VS13a]. **unloaded** [BDT+13]. **unreliable** [WK10]. **unsaturated** [PDE+13]. **unstable** [AB10, Hu14]. **unsteady** [BG10b, HDF+10, MDVB13, PKH14, SHZ12, TY11, YK11, YK14, ZY14a]. **unstructured** [BFHK12, Dou12, EZ10, HZ14, LE10, NCCF+10]. **untangling** [GKU14]. **until** [ZZ13]. **update** [AAI14, VL13]. **updates** [CC13b, Gal13, KO13]. **Updating** [SSF+11, Che14b, KSRM12, Yua12, YL14]. **upon** [Vel10]. **upper** [CG10a, DA14, Gün10, KA10, WZS10, YG14, Zha14b]. **Upscaling** [BFDP13]. **upwind** [BGP11, LE10]. **Urysohn** [DSN14]. **usage** [BSB14]. **Use** [VdKPB10, GPVL10, LD10, LFY11]. **Using**

[BGS12, CDS10, EK12, Gat14, MA14a, VVV10, WCH11, AHR14, AO14b, AEGB10, AE11a, AM14a, AR10a, AC14a, AIA10, AY13, AHK14b, Asl10, AAD13, Ass09, AC14c, AGT13, AuI13, BMMR11, BAU13, BFDP13, Beh14, BC10, BL13a, BAdS$^+$10, BAdS$^+$12, CGCG$^+$13, CHL11, CM10c, CRS12, DDM10, DDV$^+$11, DGC$^+$13, ESM13b, ESM13a, FND10, GGS12, GUBS13, GA12, GST12, GMRK14, GSNA13, GS12, Har11, HdJL$^+$13, HX13, HZR14, IO14b, KXH13, KG13, KPsQ11, KA14, KP14c, KD10, Kud10, LSD11, Lam14, fLyHZ10, LLCL11, LLK14, LM12b, LMM$^+$10a, LJE$^+$10, LJMG11, MMF10, MMP11, MJ10b, MVC10, MSP12, MM11a, MHH$^+$14, NLO13, NTRNXB10, NMBG14, NÖ10, PY10a, PM13, RW10, RMTO11, RST14, Rum13b, SSW14, SW12a, SL14a, SYK14, SC10d, SP11, SKN11, Tez14, TOF14, Tor14, WB10, WTM12]. **using** [WC11, WS13b, WL10d, Wri10, Wu10, WM12b, XN14, XCY12, YT12, YÖVAYOW14, YL14, ZM13, ZGZB13]. **utilities** [LRZ14]. **Uzawa** [BSS14, Kok11, ZYW14, ZLW14a].

vacation [CLS12, GI10, YWW10, YTFP11, ZH10a]. **vacations** [ZH10a]. **vaccination** [SI11]. **validation** [BKTY14, LA10, LdHA10, RYM$^+$14]. **valuation** [FS10, JM12, LMG13, Mar11, MT10c, Sch14d]. **Value** [AGM12, DH10, MCS12, AU14b, BS11a, Bar11, BK10, BF10, CXL10, CLS12, Che10, CZ12b, DHR12, DAE13, Eba11, ESM13a, EGH12, GSK11, GC11, Gen12, Gus14, HS10a, HR10, HVV11b, HHZ11, IO14a, JTV14, KP14a, KPKK12, KNR12, KKN11, KP11b, KLM14, LS11, LW13, LZ12a, LWY10, LL13b, LC10, MY11, MMX10, MTJ11, Mui10, PT12, PP10a, QLL11, RG11, RU13, Rua13, RR10, SZS11, SP11, Tar10, VS13b, Wan10, WX10, WZ10b, qW11, Wan12a, WWG10, WZ10d, ZFG10, Zha11a]. **value-at-risk** [GSK11]. **valued** [ADRM12, DW10, FW10, FKL10, Liu11c, MR12, Sto11a, Yar10, ZW11b, ZLG12]. **values** [AMMS10, AMMS14, CL13a, CS14, LHLL10, UÇD14, WS13a]. **valve** [BSBA14]. **valve-point** [BSBA14]. **vapor** [BKN$^+$13, ZS11]. **Variable** [UM14, AAT11, AIA10, CLS14, CLB11, DXL10, DJ14, DI12, GK11, HHM12, KK13, LW10a, LM12b, MMS10, Wei11, XYW14, XL12, YSW12]. **variable-order** [CLB11]. **variables** [BP11b, BDF$^+$10, CT10, Ery13b, FPPX10, FPP12, Nad11, OSR13, QLL11, ZH11]. **Variance** [SL12, CW14c, GPVL10, Isl14, MX10]. **variant** [AAI14, CLS12, DSZ11, TT11, Yeu14]. **variants** [AS10a, ADCC12, CT10]. **variate** [MX10]. **variates** [KM11]. **variation** [Bir11, LL14a, MMF10, SWT12]. **Variational** [AK14a, GKU14, JMV13, AU14b, BPGP11, BLKZ10, CB13, Cha10b, CC11b, DW10, FW10, FS14, FLHS$^+$13, GS10, HHL12, HCM14, KV12, KPBN13, KP14c, LTW10, LZ11, LY13b, pLjH10, NASNY11, NNB13, PY10b, SH10, SGO14, jTW14, WG10a, ZZSW11, ZLL10a]. **variational-like** [DW10]. **variations** [BB14a, DGI$^+$10]. **varieties** [ZW11a]. **varying** [CK13, CL11c, JGK14, RBK11, XJ11, ZCH10]. **VBARMS** [CLS14]. **Vector** [CGCG$^+$13, dO10, AWF11, Ant11, BCHL11, CGS13, Chu10, DD14b, DD14a, EK12, EDAP10, KP14c, Liu14b, MR12, QTS14, SST12, Wu10, pWqSmZ14, ZLG12]. **vector-valued** [MR12]. **vectorial** [MSE10]. **vectors** [Zho12]. **vehicles** [HTM14]. **velocity** [BBKS10, CAT13, MDVB13]. **Verhulst** [Nie13b]. **Verification** [WDG$^+$12, MN10]. **version** [CZZ14, LK13, SW12b]. **versions** [Śmi11]. **versus** [LP10a]. **vertex** [Kuz10]. **vertex-based** [Kuz10]. **Vertical**

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