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**Title word cross-reference**

(0, ∞) [BE07], (0, m) [dB05b, dB05a], (A, η) [DF08], (d + 1) [KV09a], (d u/dr) [Moh05], 0 [MVVA06], 1 [Has05, LP07c, MDT09]. 1/9 [SS09e]. 2 [BCH06, CGRGVP08, DL05, Ehr06, GC06, HV06a, KSE09, LN09, LYTO7, NGS05, TS06a, WHG07, XXL08]. 3 [BG07, BFGM06, BCK07, Cim08, GMM09, GF08, KDO5, LLL06, LT07, Li06a, LC08c, MMM08, MK09, SCD09, SBO09, VVE08a, VVE08f, ZGV06]. 6 [DS09a, HKA07]. 8 [LW06b]. [−∞, 0] [BGVHN05], [0, 1] [LP07b], [0, 1] [Has09a], [3/2] [GMFB06]. Δ [AGM09]. δ2 [AGM09]. E [KKW06]. α [MY06]. ε [BM08]. η [PZ08]. η [Cof09b]. F [Abd08, CZ08b]. F(a, b; c; z) [FLS06].  

A [FD09]. A(2) [SCG08]. A* X + X*A = B [Djo07]. A^H XB = C [PyHz07]. A(2,3) [YL09a]. α [FSL09, Jay08, MPR07]. AXB = C [HYGO08a]. B [PJ06a]. BaF2 [BRVWM07]. C [LP06b, FLS06]. C* [Par05c]. C1 [CHN08, DL05, MB06, PS08]. C2 [CJ06, HAO05, YS06, DS09a] C3 [CD07b]. C’ [BFGP08]. C(1) [BG07f]. S [MOR07]. S_m [Sid05]. D [QWW08, ZW09a, Ant09, CZ07, CLO09, Kok05]. {D_n} [WK07b]. Δ [AGMM05]. δ2 [AGM09]. E [KKW06].  

\( f(x) \) sin\( (w/x') \) [Has09a]. G [Ant08, HS09a, LW09d]. G’ [MW09, MW09c, WM09]. Γ [Yam08]. Γ(1/x)
HKB\textsuperscript{+05}, HJR07, HAS09b, HRGD08, Hos09, HGS06, LS06a, LY05a, NQD06, PP09, SS09c, Sha08, TY08, WSST05, Wu07, YW08, ZZZ06, ZTO06, GGD08. add [MS05b], added [Hat09], adding [AEET09]. 

additional [Bno07a], additive [LZ06, Toc09, Wik08], adhesion [CG05].

ADI [BLT09, FZL07, HL07a, TG07], adiabatic [SS08].

adic [HM09a, YH05], adjacencies [PR05], Adjoint [MSB05, AGH06, BR07b, TG07].

adjoints [AS09b].

ADM [GJM07].

Adomian [Abb07b, AHC05, BSC07b, Eba09, Has06, HLL08a, JDG06, Jan08, Li09a, Swe07a, Waz07a, Zha05]. advances [Bru09, GM09b].

advection [ABR07, CBV07, HP06, Kan08, MBCV09, RV06, Roo06, SK05, SKA09, Wi06].

advection-reaction [ABR07], adveective [DJ07a]. 

aeration [AHM09], aeroacoustic [LN07a].

aeroelasticity [Sv´a08a]. Affine [Zhu06, Zhu08a, CKC\textsuperscript{+07}, HY05, Lan08b, Lan08a, MK07, SLMW06, Zhu05a, Zhu05b].

affinely [KR07], after [Sim07a], against [Zin05].

age [KS09, LlKp09, RH06, Zha08].

age-dependent [LlKp09, RH06].

age-structured [Zha08]. Age-time [KS09].

aggregation [GW09], ahead [GM09c].

aided [IOS07], AINV [RT08]. air [AM007, AM008, ZMAZ09].

aircraft [DDL09, KGB\textsuperscript{+07}], airfoil [DFHS08, Gon07, MT05]. Airy [TV09a]. al. [Mil07]. algebra

[GW09, Las09, PPG07, sR07]. Algebraic [ANPQ05, AKLT09, BG07b, CZ09, DS08, GGT07, GL06, Gu06, HS07a, HS07b, Hos06, Kuz08, LZZD09, PS05, SS05, SEAA08, SLW06, Wan08b, rWIC06, XZS07, XFgS06]. algebraic-logarithmic [HS07a].

algebras [Par05c]. Algorithm

[XH08, Yi09, AM09b, AMV06, And09b, Att05, BGRS05, BW08, Bog05a, BC06, BdAR08, Br08, BD07, CG08a, CDM07a, CC08, CM05b, CCJ07, CW08b, yCyZ08, yCyZ09, CGP09, CN07, Cho08, Co09a, DRT09, DV06a, DV06b, DF08, DC09c, DHS09, EIM\textsuperscript{+09}, EM09, Fan09, FL06c, GXgL05, Gen05, HP06, HJR07, HM09a, He06a, HHC09, HZW08, JL06, JTHZ05, bJQZ07, bJx09, Kaz06, KBA09, KCLW08, KSE09, LCKK06, LFS08, LH09, LZWQ09, Lin08, LXX08, LW08a, LY05a, LCZ09, LL07b, LHR09, MV08, MG09, PP09, QCK09a, SVC09, Sak09, Sha09a, SD09, SJJZ09, SLN06, TGB08a, TH07, TLQ08, VRBF07, VM07, VB05c, VN09, W07, WOK05, W07, XZ08, YJ05a, Y07b, YC09, ZGSF08, ZW09a, ZSGF09, ZZZ09b, ZZ08b, ZCL09, Zhu05a, Zhu05c, Zhu05b, Zhu06, Zhu08c]. algorithmic

[ADDdM05, CLS08, Röb08]. Algorithms [CS06b, CW08c, AS09b, AT09e, BM05, BN07, BW07a, CMST06, CY08a, CY08c, CZ08a, CHLW08, DP08a, DFZ07, Din05b, Dub09, DS05c, Du05, FP08, GP09, KS07b, KK08, Kon07, LM08, Ma05a, MV05a, MVVA06, Mat07a, MC05, NVD08, PLGS09, Qui07, Rom09, SW06b, VAMVC05, WB09, YN08, YSY09]. aliasing [GPV05].

allelopathy [CLCL07, LC06b], allocation [GBR09, WW09, YW08]. alloys [Ahm07].

Almost [Hsu05, Lin07, PDM08, RS05c, CV09, KN06, LH07a, ML08, Sch07b, ST07]. along [He05]. alternate [Mur07].

alternating [Qin09, Yu06, Zhu07].

alternation [Bla05]. Alternative [JM07a, SD07a, YW09a]. amenability [Las09].

American [BS08b, HL09, KVK08, LWH09b, NST08, TGB08a, ZDC07]. amplification [CC06b, Van07b].

amplification-fitted [Van07b]. amplitude [CU09a, OW06a, SC07a]. analog [FHTM06]. analogues [CZ08b, M0908].

analyses [BG07a, FH09b, GP08]. Analysis
[BGJ07, BD06, CFHM06, Chr09, Cui08, DB08, Dol08, ER09, Fai07, GSBB09, HK07a, JW08b, LN09, LTC06, Nag09, NSE07, Tar09, TY07b, TV09b, WN09, WK07b, YA08, AHM09, ABD+05, AB09b, BP06, BF08a, Bou07a, BG07e, Bru09, BSKS07, CLGG09, CFV06, CY08c, CHS07, CNN07, Cho05, Civ07, Cop05, CHY+08, DMD07b, DP08a, dCDND06, DF09, Dom09, EKEHR08, EJ07, ÉT08, EPP+09, EKL+07, FFK05, GVC+08, GHT06, HCL08b, HeM05, HyLC06, HGS08, HL09c, IOV08, Jia06, JW08a, KJ09, Kar06, KM09a, KG09, KKL06, KS06, Koi05, KLS+07, Li06a, Li07a, Li07b, LZ09a, LY09, LWMT07, LLZ09, LP09, LL07b, LR05b, MDP08, MSB05, Meh05, MMS+09, Pie09, RK08a, Sen07, SC06a, Tac07, Tan06, Tim05, TM08, VMM09, Va09, VRL07, VR08, YC06, YHL09, ZBB+05, ZBB+05, APC].

antigen-activated [ZBB+05]. AOR [Yun08b, XuWJ07, TH08, WL09, WS09a, Yun08b]. APC [CSG05]. Apéry [Zud05]. Applicable [KM06]. Application [AYK09, AHM08, BM09, CL09, CHS06, CMRS06, DS08, EH06, FH09, GS07a, GMJ07, HAS09b, Log08, LW08b, MSB05, QW06, SVC09, SZ09, Sid05, SS08, Svá08a, Abb07b, BL07b, BK09b, Boy09, BSS09, CW08a, DO08, FH09, HO06, HL09c, KAP07, KRAH07, KSE09, Lan08a, LRV+09, LBS09, Mar08, Q09, SV07a, SFS07, Tor08, TM08, Val09, XTZ06, YB05, ZLLW08, ZLY09, AC05]. applications [Ab08, AZGN06, AABL08, AI06, BRVW07, ByXy05a, ByXy05b, ByXy06, BFG06, CMX09, CJC06, CZ09, Che09, CD07b, DGS06, DS05a, DK06b, Gei08, Gei09, GS08, JAE09, Kho08, KKS+07, KLS+07, Lai09b, Lan06, Las09, LH05b, LHM05, LQ06, M08a, MST05, MJ07, Mon09, NH08, PT09b, P06, QCK09a, SP09a, SCS08, SLN06, SS09d, SY07a, SY07b, TQ09a, TV09a, TS06b, Tsa09, VMM09, Wan07a, W08, W08a, YHL09a, YHL09b, ZLLW08, ZLY09, AC05].

Andersen [GY08, YZ09b]. and/or [Fin08]. Applied [BB05, AK05, BSC07b, CU09b, Fin07, HBS+07, OMC08, PP09, Pul09, Suz05, VN09, WLMS08, WDC+07, ZXX09]. Applying [TND+09, MK07]. Approach [CU09a, AS05c, AA08, ADLT09, BL07, BMIX07, BS08b, BBB07, BND09, Cak07, CG08a, CS09a, Civ07, DA09, DS06, DVC06, Den07b, EM06, FL09b, FG07, GMM06, GS06b, HS08a, HST05, IO007, JT09a, KL08a, Kho09, KGW09, L09a, LL09b, MP06a, MG08, MO07b, MLOP06, NL05, PW08, Pit09, RM07, SL06, SIE07b, SD09, Tok07, V09b, WLMS08, XGZ09].
approach-application [BLR07]. approaches [ABB07e, BBF05, JM07a, SEAA08, Wil06, WDC+08]. approximant [GS08]. approximants [DMGVP05, GPTT05, GMFB06, MV05b, Mat07a, Sab08]. Approximate [BLR07]. approximated [Yam08]. Approximating [Lu09a, XW09, ELA09b, HR05a, Rom09, SRB06, SCG08, SH09]. Approximation [AS05c, Ben07, CC07, CGPS08, HV06a, KLLP06, KP08a, KP08b, LNL09, MW09b, PRZW08, Vol08, ZP06, Abb07a, AH07, AAK06, AR09b, And09b, BF05, BGRS05, Byx05a, Byx05b, Byx06, Bla05, BCP07, BT09, CY09, CYZ09, CLN09, CEJ09, Cop05, CD07b, CK08, DH06, DR08, DP08b, EGF0009, Eng09, Fai07, GJ08, GA09, GHZ06, GSBB09, GNP09, GNS06, GW06b, HS09b, Her09, HMG06, How09b, HV05, KP07, KR08, KSVV07, KKD06, LS07a, LF07b, LTT07, MW07, Mu07, Par05a, Par08a, PR08a, RD08, Ro06, SFSK07, SK09a, SW09, SY09, Sv008b, TG09, WT08, Wri08, Xu05a, Xu07b, YW09b, YB05, Yua09, ZW06a, ZLA07, ZLW08, ZLY09]. Approximations [MY07, Yu006, Zud07, ALR05, BL07, CY09b, C090, CC05, CH09, Dun06, EZ07, Fin07, Ham09, K07c, LC08a, LY07a, LS05, Mao07, NH08, R07a, Spr06, TR09, VCD+08, YG07, YZ09]. aquifer [Har08b, KY07]. arbitrarily [OTOR07]. arbitrary [EE06, ET06, GH08, KKKL06, Log08, LW06c, LCC08, SF08, SV09, TYZ+05]. arbitrary-order [Log08]. Arc [SLZ06, SFV09]. Arc-length [SLZ06]. ARCH [HL09c]. architecture [Saa06]. area [IT07]. argument [Ext09, Liu08a, L09, Mi06, SAD07, SWY09, XW07b]. arguments [GX09, MLH08, Sza08, WTL05, WSO9, WSM+09, Won08, YLN09, ZL07]. arise [Woj06]. arising [CJCD07, Deu07, GZ05, Guo06, LXK06, NL05, Nou07, TS05, Var07, WF09]. arithmetic [CKC+07, FHL07, MK07, RKA07, SLW06, VDL+06]. arithmetic-type [CKC+07]. ARK [Moi05]. ARKN [Fra05]. Arnoldi [LR09, LBS07, VRBF07, Wu07]. array [Oga06, OA06]. arrays [FIR06]. arrival [K08a]. artery [ICW+09]. Artificial [HZB06, AEE09, HLY09, Moh08]. Asian [DDV08, FL08a, Hug06, LWH09b, VDL+06]. Askey [CLO09, Koo07, VZ08]. Askey-scheme [CLO09]. aspects [ADF07, ANPQ05, BBPR09, BG07b, CDV08, CKWZ07, CLS08, Hui05, PD06, RS05a, Ro06]. Assessing [LWH09a]. assessment [GVC+08, J09]. asset [NST08, WWF07]. assignment [FY06]. assimilation [MDB06, RCR05]. assisted [CB07, Sch07a, W09]. associated [Ass09a, BISS05a, BBR05, Ben06, BFM09, Cho05, Cla05, DGMVP05, GM09a, G09b, Kok05, KW07, LZZ09, LF07b, LD06, Skr05, Swa06]. associative [SC07]. astronomical [ABB+07]. Asymmetric [DGS06, PRL09, Tay08, CT09]. Asymptotic [BGCA05b, BDS08]. CHBBMR07, Dom09, EPS05, FL08, IV06, Jia06, KS07c, KTM09, LL01, LS05, L07a, Lu06a, Os0a, Pet05, S05b, TV09a, Wan09a, WY09b, Y09, YXJG08, YM07, AS05a, ADM07, CDWJ06, Dun06, FL06a, IV08, JM07a, KT09, L09a, MM07, Oou08, Par05a, Par08a, RS05c, Sav08, SLH06, SK06, TX09, WYL09b, ZZ06b, vD05]. asymptotical [ABC06, ZL09]. Asymptotically [Gil07, Tem09, Thi09]. asymptoticity [El09a]. Asymptotics [RS05b, AGMB05, CW05, CW08d, MO07, MOC09, MB05, Par09b, Par09a]. Asynchronous [EFS05, MSE08]. atlas
atmosphere [BB09a, CdV07, SM07]. atoms [Siö07]. attempt [Gau08, IOS07]. attracting [ABP06, ABB07c]. attractive [LC06a]. attractivity [FL09c, LW05b, LH05a, LF07a, WJS09]. attractor [ZZL08]. Attractors [LZ05, RW06]. augmented [BG07a, FHM09, GMM09, Sta07, TJ08, WHZ09, ZhL08]. Author [Ano05g, Ano05h, Ano05i, Ano05j, Ano05k, Ano05l, Ano05m, Ano05a, Ano05c, Ano05d, Ano05e, Ano05f, Ano05b, Ano06c, Ano06d, Ano06e, Ano06a, Ano06m, Ano06n, Ano06f, Ano06g, Ano06h, Ano06i, Ano06j, Ano06k, Ano06l, Ano07a, Ano07b, Ano07c, Ano07d, Ano07e, Ano07f, Ano07g, Ano07h, Ano07i, Ano07j, Ano07k, Ano07l, Ano07m, Ano07n, Ano08a, Ano08b, Ano08c, Ano08d, Ano08e, Ano08f, Ano08g, Ano08h, Ano08i, Ano08j, Ano08k, Ano08l, Ano09a, Ano09b, Ano09c, Ano09d, Ano09e, Ano09f, Ano09g, Ano09h, Ano09i, Ano09a]. autocorrelation [MPXK06, SJZY09, SJZ09]. autocorrelations [ZSGF09]. automata [Aki08]. autonomous [LC06b, ZCS06]. auxiliary [GH06, ZLYW09, ZA09]. Average [PR05, BH07b, Gu07, Kags09, MLY07, ZZL08]. average-shadowing [Gu07]. averaging [AHL05, Cao08]. avoid [AMCM05]. axes [rWic06]. axial [BFT07]. axis [GPTT05, vOP07]. axisymmetric [KS07b, Nke05, Sol05].

B [AM09a, AS05c, Bej06, CMS08, DS06, GX06, KGA08, KRA08, KKD06, LWL09, Maz08, Müh06a, Ros08, Sab08, WLL06].

B-form [WLL06]. B-spline [AS05c, GX06, KGA08, KKD06, LWL09].

B-splines [Bej06, CMS08, DS06, KRA08, Maz08, Müh06a, Ros08, Sab08].

backed [CH09]. Bäcklund [WHG07]. backtracking [Zhu05a, Zhu06].

backward [Dao07, HK07b, HR09b, KT07a, RLH09, Wil07, ZGH09].

bacterio [BLR07]. bacterio-phage [BLR07].

Bailey [LV07]. balance [DJ06, DJ07a, Pit09].

ball [HQ06]. Banach [AU09, AABL08, ACQ09, Arg09b, CAY09, DF08, FJG08, FD09, HL07, Kao06, KBA09, KA06, yL08, PG07, Par05c, QCK09b, QCKK09, RS05c, Sal09, Thi09, WYL09b, XH08, ZTY07, ZC08a, ZLL08].

band [Fer07, VMV07].

band-limited [Fer07].

banded [NS09a].

barrier [Tar09, WKY07, WY09a, YSY09].

barycentric [PR07].

based [AAP07, AA08, AG06, AMV06, ABR07, BP07, BGV09, BC06, CG08a, CLM06, CGPM08, CK09a, Cas07, CM05b, CHS07, yCyZ08, CP08b, yCyZ09, CPG09, CT09b, CDMR07, DC08, DOY08, EIM09, FR06, FC09, Gás05, GC09, GH08, GDA07, GPS09, GBR09, HPS06, Han08, HTS09, HH07a, HG09, HO07, KKK06, KBA09, Kho09, LT05, LH08a, LW08a, LC08b, LL07b, LY09, Ma06, MC08, MDP08, MTD07, MT05, MPP09, MLY07, MNMS05, MS09c, NS09a, NT08, NQDJ06, NaLH07, NMM07, PK09a, Pit09, QLJ09, QZY09, RAV07a, SK05, SJV09, SS09c, SZ09a, SRW09, Sin09, Smi07, SLZ06, Sur05, TH07, VVV08, VCD08, Ver08, WK07a, WY08, WOK05, We07, XGZ09, XC06, Y070, YLSX06, ZLDST09, ZLLW08, ZW09a, ZSGF09, ZZZ09a, ZT06b, vdBHPS07, JKK06, OZL09, PW08].

bases [BBM07, FTT05, MB06, WC08].

Basic [rWic06, ABI07, LV06, MJ08a].

basis [BB07, DS06b, DT06b, JAE09, LAH08, LW08b, OS07a, PLMP08, Pir09, RB05, Sch08, SBO09, STB09, VS08, WZ09, YXYJ06, vOP07].

basket [DDV08, LO08].

batch [CK09b, KL08a, Lin09c, QW08].

batch-arrival [KL08a].

Bayesian [Cal07, Tor05, YF09].

BDF [MVVA06, RAV07a, VAMVC05].

BDF-type [RAV07a].

beach [Ehr06].

beam [FIR06, IL08, WCL08]. beam-induced
both [SC06a]. bound [AT09c, DFY09, DS05c, LH07b, PIP07, Qi08, QGC08, SDP09, SV07a, XZ08, Zhu05a, Zhu06, Zhu08a]. bound-constrained [AT09c, Zhu05a, Zhu06, Zhu08a].

boundaries [And08, BBSV08, SLN08, XKF06]. Boundary [BN08a, DESC07, Koh07, Sma05, WYS09, eMH08, AABL08, AM09b, AGH06, Att05, BNT08, BV06, CD05, CM05b, CMST06, Cha07, Cha08, CHCW05, CS07d, CD05, CD07b, CHY05, CG07, Dan06, Daa08, Di 07, DLG05, EE06, EZ07, EGO06, EGFOA09, EJ07, FZ09, FH07, FJ07, FJG08, FZ08, Fin07, FOP05, Gao05, Gao06, GC09, Gil07, GJL08, HK07a, HL07b, HY09a, HZB06, HX06, He05, Hen06, HCDP08, HVV09b, Hon07, HR09b, HLY09, Hug06, JLP06, Jan08, JCG09, Kar07, Kar09, KMJ06, KV07, Koy09, Lan06, Lan05, LS06b, Li06b, LlZ07, LS09, LZ09a, Li09b, LFHW09, LS07c, LZ08a, LZ08b, Lz09b, LZ09c, LZW09, LM09a, LJ06, LT06b, Liu08b, LlW09, Liu09d, Log08, LOA05a, LOA05b, Lu07, xMZY09, MDT07, MD09a, Moh05, MD09b, NM06, NMMS05, NM07, OYA07, PS07a, PS09a, PK09a, RS08a, Re09a].

boundary [RS07b, Sal09, SFSK07, SA08a, SK09a, SZ08b, SD09, SA08b, SO05, SDV07, Sto05a, Sun08, SLZA09, Tat06, TS09b, Tur06, TM08, Wan07c, WWW07, WW08, WG08, WSZ09, Wun09a, WL06, WKL06, XWZH08, YS06, Yam08, YAO06, YS07, YLN09, Yao09, YL09b, YZ09a, Zha09a, Zha09b, ZCL06, ZFG08, ZC08a, ZL08]. boundary-layer [eMH08]. boundary-only [Gao05]. boundary-value [AABL08, AGH06, FJG08, MDT07, YL09b].

Bounded [MY06, MY08, BCGA05a, DL08a, DL08b, FG08, K108, Koh07, Luo06b, Roo06, YJ09]. Boundedness [AHL05, BGG07].

bounding [MDT09, SS07]. Bounds [AR06, DDV08, LvGJ06, MS05a, VDL+06, YH09b, ADGH06, ADD+08, BM06, BS07, CL06c, DSW08, D07, Deu09, ED06, Har06, HYG08b, JM07b, Li08, MS07b, Mor07, MCD06, NH08, Neu08, PK07, Q107, QG08, Q109, Shi07, TR09, XD05, YW08, Zhu08b].

Boussinesq [Gin08, HEOS05, Lai09a, LWLL09, Waz07b, ZT06a]. box [Be06, CGPS08, FKM05, LMS08b, MRSZ07, BBC07]. box-constrained [FKM05]. box-spline [Be06]. box-splines [CGPS08].

Bradyrhizobium [MMS+09]. brain [SNV06]. branch [BCE09, Boy09, CS09a, DS05c, SDP09]. branch-and-bound [DS05c]. Branges [KS05a]. Brazilian [MMS+09]. Breakdown [RT09, RT08]. Breakdown-free [RT09, RT08]. breakdows [WWP09].

Brown [GXG05]. Brownian [FW09]. Bruno [CHS06]. bubble [LKSC06]. bubble-type [LKSC06]. budgeting [Hua07]. Burger [AS05b]. Burgers [BSC07a, BSC07b, BSC09, CP09b, DA08, DL07a, Gei09, HS08a, KTH08, LLZ09, LZ09, MN08, Rad05, Sma05, Waz07b, XH08].

Burgers'-type [KTH08]. Burgers/Korteweg [DA08]. Burmeister [CP08b, CGP09]. business [ZL09b]. BVP [HJK09, SS09b, Wei09]. BVPs [AS05c, AKW05, CN07,Has06, Jia09a, Kor06].

C [Yun08b]. Cahn [BN08b]. calcium [BC09]. calcium-mediated [BCE09].

calculation [DJ06, E06, FPP08a, MV08, Mot06, SJ+09, WI06]. Calibration [Pir09]. Can [EF06]. canal [XFG06].

candidates [WC07]. Canonical [Ped05, BC06, Wu08, ZT09]. cantilever [WCL08]. capacitated [KCK09]. capacity [BJ06, KCK09]. capillary [GMFB06, GGP09, KPAT07]. capital [BK09a, Hua09, ZL09b]. Capturing [SRB06, SBK07, WK08]. Carathéodory [BGVHN08, JN09]. cardinal [Be06, Liu06].

cardinality [FY06]. Carlitz [Dom07].
Carlo [HSN09, Lai09b].  Carrier [OW06b].  Carter [DD07].  case [ADÓ07, BNDN09, CDM07a, CCLS06, CDM07b, DV06a, DESC07, HK08, Kag09, Tiu07, Wik08].  cases [Daa09a, DA09, NP07].  Casoratian [WHG07].  Catmull [ZC06].  Cauchy [AS07, DL09a, DS08, ELA09b, HLF09, Kou08, LL08, Mai08b, QFX06, QWS09, RW09].  causal [BBPR09].  cavity [LYT07, RVM08].  CE [QW06].  CE/SE [QW06].  cell [CSG05, CG05, EPP+09].  cell-centered [EPP+09].  cellular [Aki08, LMZ08, Liu07].  censored [LWH09a].  censoring [KG09].  center [DL09b].  center-focus [DL09b].  centered [Ber06a, EPP+09].  centers [CZ09, YJGL07].  central [CD07a].  central-WENO [CD07a].  centro [XZL08].  centro-symmetric [XZL08].  centrohermitian [LF07b].  centrosymmetric [LF08].  cepstrum [SF06].  Certain [AUY06, Mi09, AK05, BN06, CS06a, CS06b, CK07, CS09b, DJ07b, GG07, MN05, MA08b, QR07, YM07, ZWY09].  Certified [Neu08].  Cesáro [AH05, CV05a].  CF [Waa05].  CF-coefficients [Waa05].  CFD [PLGS09].  CFSE [DP05b].  CG [ABC06a].  chain [DC09b, MDP08].  challenges [XH07].  challenging [Li05].  Chance [Hua07].  Chance-constrained [Hua07].  change [KK09a, KS06].  changes [FN09, MGMTO06].  changing [LLW09, LOA05b, SS09b].  channel [HA08, LRV09, LCK06, MM06].  channels [Kh06].  chaos [CBH07, LY05b, MSA09, SA09, SS09a].  chaotic [NaLH07, Par08b, TH07].  Characteristic [eMH09, eM06a, HHZ07, KV05, VLR08, YY07a, Zaa09].  characteristics [BSKS07, CJO09a, SY09].  characteristics-mixed [CJO09a, SY09].  Characterization [HL08, Ism07, VZ08, AAN07, BM07a, CLO09, CHS06, HR05b].  characterizations [AN06, FPP08b, HCDP08].  Characterizing [BC09b].  Chebyshev [ABGH08, ABBM09, BCGA05b, BG07d, Boy09, KTH08, KK05, KAC05, KV09, LW08b, MDT07, Mat06, Osa08, RVA07a, RVA07b, sR07, SFSK07, Sto08, VRBF07, Xie08, YLS07].  Chebyshev-type [RA07b, sR07].  Chebyshevian [Maz08].  chemical [Eng09, Tar09].  Chemotactic [SLN06].  chemotaxis [Eps09].  chi [SD06].  chi-squared [SD06].  Chlodowsky [KL08].  choice [AML07, GM06, vOP07].  Choosing [CFGVP07].  Choquet [KM09b].  Christoffel [And08, And09a, BC09b, BD07, CGBV05].  chronic [YY08].  Clairlet [CY09].  circle [BCGA05a, BR09, BCGV05, CBDG07a, CBDGV07b, Khr05, Mar07b, Pet08, Ten07].  circles [HS09a].  circuit [FHtMP06].  Circular [SACJ09, Ber06b, CMD09, KM09a, Var07].  claim [KG09].  claims [LT06a, ZLY09].  Clark [ZC06].  class [Arg07, Arg09a, AT09c, BT06, BG09, BF09, CC09, SJ09a, CJO05, DL08c, Dio09, EIM+09, FWH09, FJG08, Fra06, GQ09b, HC09, HNS09, HK07b, Hon08, Jan09, Koç08a, LM08, Liu09a, LGYH09, Liu09b, LW08c, MJ09, MB07a, MJ08a, MVV06, MLH08, MA08b, MI09, OZY05, PS09a, PJ08, QJ07, QG08, QH09, SLN08, SCS08, Sh09b, Sid05, Sid08, SK06, TRST09, UHNC09, WW05, WLL07, WCW09, WF09, WZT08, XH08, Xie08, XWZH08, XLHZ05, Yao09, Zha05, ZS09, ZW09d, dMFP09].  classes [BBR05, FPP08a, LXSH09, YLS09].  classical [eMH05, AÁ07, ÁNO6, ABP06, ABB+07c].  AGRZ06.  Ask05, Car05b, CG06, CSSL09, EKL+07, FPP05a, KM06, Kra06, NT06, Pet07b, ZCL09].  classification [eMH05, ADLT09, DC09c, GSP09, IS06, ZZ08].  Clenshaw [CE09, HS05].  clinical [Var05].  clock [Nag09].  closed [BG08].  cluster
[MMS+09]. clustering [HKK07, SAFO7].
Clusters [Par07a, SS07], CMRH [HS08b].
CMV [Sin07a], co [BLR07], co-evolution [BLR07].
Coalescent [TL07], coalitions [YZ09e], coated [CCM07], coatings [CH09].
COCR [SZ07a], code [Gao05, Gao06, Sak09, SS08], codes [CPM08, CM05b, WWW08].
coding [CZ08a, NQD06], coefficients [Asa05, BM06, BP09, CJCD06, Dem07b, DA06, DI06, ED06, FNW06, Gon09a, HV05, IO06, Jai06, KT09, LMZ08, MP08a, Roe08, Sy08, SZ08a, SZ09b, Wri08, XCD08, YLSX06, YSYX08, ZLYW09, Wao05].
Cohen [SC06a], coherent [DM05].
cohesive [ADF07], cohomology [CK07], coincidence [HL09a], collage [KLV09].
Collective [HL09a], collector [Shi07].
collinear [AT09c], collisionless [Dem07a].
Collocation [CDM07b, Dio09, AM09a, Alh06, ACWL07, AKW05, CD06, CDMR07, DP05a, DL08c, Fin07, KGA08, KRA08, KTH08, KKL06, LT06b, MD07, MMM08, MNMS05, NMMS05, PT09a, PT06, RZ07, SZD09, WAL06, WK06].
collocation-finite [MMP08].
column [Ata07].
Combination [MO08, GNS06], combinations [BBR05, DJ09, Kho09].
combinatorial [ABC06], combined [Cui07, XGZ09, YXF07].
Combining [TL09b, bJyKyzT09].
combustion [AR06, ABD09], cone [DA09].
Comment [Asl10, KGW09, Mil06, Mil07, NK10, TSC10].
commentary [Gau08].
Comments [Jan09, Sto05b, ZJ12, Ter05].
Common [Th09, C07e, EEEG08, Jai06, QCK09b].
communal [BND09], communication [EFS05, MGS08], communication-less [MGS08], community [SM07].
commutation [BG07], commutative [Kom07a, Kom07b], Comonotonic [FOT07].
Comonotonic [DD07].
Compact [Sut07, ZDC07, CK07, DZ09b, FLS05, GHMVR09, GC06, HRO08, KCK06, KDN08, LT07, Liu06, MD09b, SS06c, TGB08b, TG07, TM08, WG08, WZ09a].
compton [TY07a], companion [BG07d].
comparative [Car07], comparing [GJM07].
Comparison [BBM07, BB09b, DGO07, Li05c, Rad05, Sav08, WHF07, XTZ06, Ebo09, JYVvdZ06, JH08a, NK10, yS05, VB05c, Wao07a].
Comparisons [BDH07, SD06].
competition [CXS06, Ko07, THS05, Wao09a].
competition-diffusion [Wao09a].
competitive [LC09a, LOZ08].
complement [Dem09, NL05], complementarity [BK08, CP08a, CM09, Chat08, Don09, GKM07, HYYF05, HHC09, JTHZ05, JD05, MB06, Sch07a, WCH05, WB09, ZJW08, ZLL09, Zao08], complements [Bae09, LHL06].
complete [GM07c].
completely [Din05a, GQ09b, Qi07, QG08, Qi09].
completeness [Ism05b].
Completions [C09a].
complex [AM07, AM08, BSM09, CDABR06, CFGV07, FS08, LC08a, LY09, Lui09, MH08, MSB05, MBA09, RS05b, SA07a, SZ07a, TMG09, Wu08].
complex-step [LC08a].
complexity [DFZ07, JF06, SZ09a, YXF07], complicated [SSW09], component [BP06, CHS07].
components [GBR09, ZGSF08].
componentwise [W07a].
Composite [H05, AM06, C07, LN07b, TV09b, ZWS09].
Compositions [Dun07], compound [MS06b], compressed [WLF07].
compressible [AC05, Cui07, Cui08, GWG08, Kho07, MS09c, Yan06c].
compression [HV06c, LM08].
Comput [AM08, Asl10, ByXy06, yCZ09, Dai11, GPR07, KYF05a, LC09b, LB10, LHL11, SZ09b, TSC10, Yun08b, ZJ12, yDvFZ13].
computable [CDABR06, TR09].
Computation
[ADGH06, AMO07, AMO08, BSS08, CU09a, CDMR07, HS07b, HCL08b, Hov09a, NMKS09, Röb08, AGM06, BHP07, CHXL06, Daa09b, DB08, DV08a, Dub09, DL07b, ET06, FPO05, Has09a, KW07, LMS08a, Lan05, RK08b, SLN08, SGC08, SV09, Tab07, TM09, UO09, VB05a, VLR08, WK08, YZ09d].

Computational
[BBF05, CDV08, KPAT07, Roo06, Tsa09, ZC06, AT09c, MDP08, PPV05, PD06, RB06, SW06a, TS05].

computations
[Deu09, DD08, VV05a, ZFS09].

compute
[Ehr06, Gau08].

Computer
[GKMS09, CBH07, GW09, IOS07, Sch07a, Wat09].

computer-aided
[IOS07].

computer-assisted
[CBH07, Sch07a, Wat09].

Computing
[CJP08, Cha07, CCW09, FPP05b, Gau05a, NSS06, PPV05, Tup07, WWW08, Wat06, ZZ07, BST08, BD07, DRT09, GZLL09, HM09a, KT07b, LSW09, LL06, MVV06, MN07b, NL05, Scu09, SZ09a, TA09, VT06, ZYLY09].

concave
[AMG07, ZTG09].

concentrated
[BJ06, Wac05].

concentration
[BGGC07].

Concentrators
[KBSK08].

concerning
[LTC06].

Concrete
[BM08b].

condensates
[CCCH09, Wan07a].

condensation
[VS08].

Condition
[SZ09a, WD05, CL06a, Dao08, HKA07, Hem06, Koy09, LCH07, LTW07, LS08, LGYH09, LD06, LOA05a, MS09b, NP06, NP07, RDH07, RS07b, SHK08, SHC08, SZ08b, SD09, Win06, XDW05, XW07a, YS06, YL06, YLS07].

conditional
[VCD08].

conditioned
[ABL07, OTOR07].

conditioning
[CM05b, CMST06].

Conditions
[MO07a, Ant09, AE07, BNT08, BV06, BGG07, COEV05, Cha07, Cha08, CHY05, DESC07, DHS09, EZ07, EGO06, EH06, FT08, FHH08, FJG08, FNW06, FOP05, GKL07, GC09, HL07b, HZBM06, Har06, HW07, HR09b, JLPN06, KV07, KLLP06, Li09b, Log08, LP07c, LW08c, MYY07, Rea07, SK09a, SO05, SDV07, WWW08, Won05, Won09a, YOY07, ZFG08, Zho06, ZCL09, Zhu08a].

CONDOR
[VB05c].

conducting
[IV06].

conduction
[CCH06, DA08, HTS09].

Conductor
[Maz06].

cone
[CP08a, CL09b, GGA08, HYY05, ZLL09].

cones
[AD07, GZX09].

Conference
[An05n, An07o, PRZ08, An05o, HH07c].

Confidence
[MPP09].

configurations
[Mar07b].

confluent
[Ell06, YWH05a, YWH05b].

Conforming
[BDF07].

Conjugacy
[LTW07].

Conjugate
[FJT07, And09b, BW06, CXH09, GZLL09, HL07a, HTS09, LZY06, LTW07, RH06, SG09, SSZ09, TMG09, YL09b, ZZ08a, Zha09b, ZJ12].

Connected
[BDHW07, CC09, KS05b, WN08].

Connection
[BCGA05a, CC05, GS07c].

Connections
[LW06a].

Conservation
[AMG07, Ben06, CD07a, DVCH06, JKM09, LZZ09, Mur07, TS08, ZL05].

Conservative
[SF08, WCZ07, Mat07b].

considering
[WC07].

Consistency
[KRAH07].

consistent
[AB09b, DB08, Ku09, WHG07].

constancy
[WW09].

Constant
[ASL07, BS08a, Bra07a, DIKZ07, Gon09a, HKA07, HMG06, HSL08, Kas06, Men09, Pre08b, Roe08, YLN09].

constants
[Cof09b, DCZ07, Osa06, Sch06a].

Constrained
[Ker09, KA08, SC06b, AT09c, BS09b, Bor07, CR09, FKM05, GBR09, HCL08b, HV06b, Hua07, JTH05, bJyKz09, bJx09, JZ08, Liu05, Lu09b, MZW06, SP09b, TJ08, VRL07, VB05c, WCH05, WZ09b, XZ08, ZW08, ZGS08, ZXZ09, Zhu05a, Zhu05b, Zhu06, Zhu08a, Zhu08b, Zhu08c, ZAO9, BG07c].
constraint
[Cim09, GHZ06, Lan08b, PP08, YD08].

constraints
[BDL09, CCK06, GGA08, HCDP08, bJQIZ07, KY05a, KY05b, Lan08a, MRSZ07, SV07a, TLQ08, WTZ08, YJJ09].

constructed [Chu08]. Constructing [yPlH05, TM08, MJ08b]. Construction [BJ08, CW08a, Sav09, ABP06, Bej06, CMS08, DL08a, Han09, MST05, Nov08, Ros08, VJ09, WV06, ZTY07]. Constructive [Chu08]. consumer [LL07a]. consumer-resource [LL07a]. contact [AB09b, CFHM06, CFS09, Cop05, DHS09, FvZ06, GKM07, HV06a, NT08, SL09, Sta07]. containing [AR09c]. containment [Lin07]. contexts [CLP08]. contiguous [RI06]. continuation [How09a, Lop07a]. Continued [Khr05, BHJ05, LW05a, Lut07, VK06].

continuity [HW08, Lut09a]. Continuous [DR08, Zar09, AR08, ABET08, BJ07a, BS09c, CX08, FR07, Gal06, HQ06, KS09, KM09b, KV07, SP06b, WZ07, Xio07]. Continuous-discontinuous [Zar09].

continuously [SC06a]. continuum [EMMP07]. contracting [BeMBH06, EFS05]. contraction [Bad08, CAHAY09, KLV09].

contraction [AC09]. contracts [BBM09, VV09a]. contrasts [FNW06, YA08]. Control [AHM09, SA09, AZGN06, ASL07, BBD06, Bor07, BS08, BK06, CM07, CY09, CR09, CL08, Chr09, CCK06, FR07, GM06, GL06, HS09a, HWSL05, Hei05, HH07b, HL07c, HGS06, JL07a, KV09b, KS05b, Lan05, LT05, LW05b, LFS08, LFW09, LTO06, LY07b, Lit09c, MZC08, MZ09, MSA09, MLOP06, Par08b, PN06, Pus09, SAHS09, Sma05, Wod05, WTZ08, WWP08, XXL08, YZ09a].

Controllability [HMPR07, Tat06].

controlled [WK09, KR07]. controllers [XXL08]. controls [GF08, LOZ08].

Convection
[SRW09, Alh06, Bog05a, Bog05b, Cim09a, Deu09, DZ09a, Dol08, EKEHR08, GSB09, Hoo08, IS06, KGA08, Kas06, KHK08, Lin05, LYT07, LS05, MV08, MA09, O907c, PP09, RR08a, Roi07, SSW09, TG07, YZ09a, YY07a, Z090a].

Convection-diffusion [SRW09].

convection-dominated [Cim09a, YZ09a].

convection-reaction [KHK08a]. convective [eMH08, Min05]. conventional [Jay07].

Convergence
[BJ06, BJS06, CJB06, CL06a, CS07e, CHJZ09, CQ09, Cim09, GAC+08, GAR07b, K08, KKL07, K006, KW07, WH09b, XC08, YL06, YLS07, Ynt05a, Ynt08a, yXL09, ZW09c, Z08b, ABGH08, ALR05, AK09, Arg07, AR09c, Arg09b, BMFX07, Bak05, BJS08, BS07, BR07b, BRW09, BH07b, BJH05, BS09c, CY08c, CV09, DJ05, DD06, EH06, FH09a, G09, HR05a, HK07b, Hom05, Hom09, HQ06, Hu05b, HLJ09, JD05, JK07, KYF05a, KYF05b, Kav07, Koç08a, Koç08b, KL07a, KL07b, K08, LW05a, LM08, LS08, L09a, Lit05, LY08, Lut07, MC08, MZ06, MM09, N09c, OS07c, OS07b, PS07a, PK09b, QCKK09, Sha09a, SX09, Sic08, Sto05a, TD07, Tem09, TFC07, VB05b, V09, WT08].

convergence [YOY07, Yam08, YN08, YSYX08, ZBL08, Z09c, dS07a].

Convergent
[PA09b, ZHG+09, BB05, CGP09, Fan09, FH08, G05a, GL07, bJX09, KGA08, KK08, LP06a, Osa06, Osa07, XS09].

converse [BI08b]. conversion [WLL06].

Convex
[AM07, ADGH06, ACW07, BCK07, CL08, DL07b, Fan09, GZ05, KY05a, KYF05b, KAP07, KV05c, LW08, MP08b, SCM09, SDP09, XS09, YXF07, ZW06a].

Convex-concave [AM07].
convex-convex [SDP09]. Convexity [JT09b, ADD+08, SC06b].
convexity-preserving [ADD+08].
convexized [ZF09]. convolution [AS05c, BS08a, Civ07, CD06, FDFL07, Kok05, MRV09, Swa06]. convolutions [FH07, Lóp07a]. cooling [SS08]. coordinate [LO08]. coordinates [Dmi08, LT07, SBO09].
Copenhagen [PRL09]. copula [HG09].
copula-based [HG09]. copy [LRH07]. core [LO08]. corners [Dmi08, LT07, SBO09].
Copenhagen [PRL09]. copula [HG09].
copula-based [HG09]. copy [LRH07]. core [LO08]. corners [Dmi08, LT07, SBO09].
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copula-based [HG09]. copy [LRH07]. core [LO08]. corners [Dmi08, LT07, SBO09].
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copula-based [HG09]. copy [LRH07]. core [LO08]. corners [Dmi08, LT07, SBO09].
Copenhagen [PRL09]. copula [HG09].
copula-based [HG09]. copy [LRH07]. core [LO08]. corners [Dmi08, LT07, SBO09].
MMM08, MDT09, MK09, NGS05, Scu09, SBO09, TS06a, VVE08a, VVE08b, WHG07, XXL08, ZGV06, JK09. d-V-type-I [JK09].
d.c [CS09a]. DAE [BMM06, BM07b, CK09a]. DAEs [Cam08, Jay07]. damage [CFHM06, CVF06]. Damagable [CFS09].
damped [CBH07]. damping [HM09b, LM09b, YD09b, ZC08]. dance [Mer05]. Daniel [Gau08]. Darboux [CBGV05, LZZ09].
Darcy [BH07c]. Data [MDB06, SH06, AUY06, ABD05a, AZGN06, BFGP08, BKT07, CR09, CL06b, CP09b, DMM07, DP05b, DD06, EMP08, FL09a, GU08, GNP09, HHZ07, HS08c, KMWV09, KY07, KP08b, KKS+07, LS05, LOA05b, LP06b, MW08, MMS+09, MR09, RCR05, SV07a, TD06, Val09, Ver05, WWWF09, WLL09, WL09b, WDC07, YA07, ZH08].
Data-fitting [CR09]. databases [KLS+07]. datasets [EL06]. Daubechies [CHXL06].
death [Chr05, DP05b, GLV05, YH07]. deblurring [BS09b]. decay [CU09b].
decaying [Gau05a]. Decentralized [HGS06]. decision [Kag09, KGW09, RM07, WY07, WY08, WLY09].
decision-making [WY07, WY08].
Decomposition [BR07a, CQ09, St08, Tur09, AHC05, AKK06, Bog05a, Bou07a, FL06b, FNW06, FC09, Has06, Hei05, HH07b, Hos06, HLL08a, JDS+09, M09, KS07b, Li09a, LYZ09, Moh09, PD06, SEAA08, TR07, Ter05, Waz07a, Zha05, Zhu07]. decompositions [KSS07a, Li08, Y09].
deconvolution [Est07b, RS05a, SC06b]. Dedicated [WS05, VAW07]. Deductibles [DÖ09].
defective [yPHI05]. defects [GXgL05]. deficient [DKHNZ08]. defined [Müh06a]. definite [BW06, DL09c, EKL+07, GT09, Iva06, KMB09b, LWYT06, LHL11, yPESIZ07, RT08, RT09, RH06, TV07, XZS07, XZZ09].
Definitions [Mon09]. deflation [TV07]. deformation [Dmi08, FPS08, LX06, SLZ06, WCL08].
deformations [KBK08]. deformed [LRR+09, YL06]. Degasperis [ZCH07].
degenerate [Du07b, VN09]. degree [Cao08, EFP06, FH07, FHL07, Han09, HW08, KA08, LW08b, Lu09b, LW06c, LLC08, Sto06, Sza05a, Win06]. degrees [DL09b, OS06b]. Delaunay [DWW06b].
Delay [MZC08, PT08b, XZLHZ05, AA06, ABS07, AK07, BB05, BP05, BJ08, BG09, CS06a, CS07a, CB07, Che06, CL06b, CLCL07, CHY05, FR07, FL06c, FN09, FL09d, Gan07, GSW07, GW06a, Gug06, HWSL05, HMG06, HGS06, IL05, JZK09, J07b, Ko08b, LH05a, LH05b, LHM05, LS06b, LF07a, LmZbl07, LZZDL09, Liu09b, LB09, LB10, Luo06a, Luo07, M07, MY06, MRSV09, OZY05, PN06, PP05, RLX08, RW06, Sak06, SFSK07, ST07, TBBC07, TXZ09, VLR08, WLS08, WLS09, WZ06, WW07, WJS+09, Xia07, XZL09, XL07, Xu08, XGM09, XWT09, YG06, ZS05, ZGH09, ZW09c].
Delay-dependent [MZC08, PT08b, XZLHZ05, CB07, TXZ09, XZL09]. delay-differential [JZK09, Xia07].
delay-integro-differential [Gan07]. delayed [JW08a, LCH09, LGHY09, LY05b, LL09, Sin08, SMT07, TY08, XXL08, Yan06a, YC06, YH07]. delaying [CKT09].
delay-[BG09, Br09, CXS06, FW09, FG07, FL09c, Har05, JZK09, Jar09, KTM09, Li05b, LLY09, LY09, LOZ08, LC06b, LMT07, Luo08, LRB05, MZC08, Moh07, Moh08, SC06a, SC07b, TCMS06, TR06, TXZ09, WLL07, WML08, WLF09, WYO09, XZLHZ05, XWF06, YCY05, YL08, YHY07, ZG09, ZZ09, ZW09b, ZL09b, Wan09a]. delivery [BNDN09]. delta [Xu07b].
demagnetization [WZH06]. demands [EM09, Siv09]. dendritic [BCEAJ09].

denoising
BB07, Bru09, BLP07, BW07b, CS06a, CS07a, Cao08, CJB05, CJB06, Car06, Car05b, CHCW05, CLCL07, CS07d, CL09a, CW05, DG08, DR08, Den07b, DFFW06, DF09, DAE05, DG05, EGO06, EGFO09, Ear06, EM09, EM08c, EK07, EMMP07, EKL*07, FWY09, FWZ09, FPP07, FGRW09, FSS09, FL06c, FL09b, FN09, FC09, FL08b, FL09d, GG09a, GG08, Gan07, Gar09, Gei08, GS07b, GL06, Gw06a, Gug06, GX09, GS06b, HZBM06, Har05, Has06, H006, HMG06, Hos06, HL08a, HR09b, HM09b, IO06, Ish07, IL05, JL06a, JZK09, JDG06, Jun09, Kaw07, Kom07a, Kom07b, Kom08, Kot08b, KTM09, KLV09, yL08, Lar08, LW05b.

differential

[Li05b, LC06a, LLZY06, LS06b, LS07c, LDM09, Lz09a, LZZD09, Li09b, Lz09d, LB09, LLW09, LM09b, Lz09a, LB10, Lop07b, Lz09a, Lu06a, Lu06b, Lz09b, Lu07, Lu08, Mv06a, Mv07, Mv07b, M09b, M08b, ML09, MA08b, M007b, MO08, NM09, NM08a, OZY05, PDM08, PT06, PT08a, RB08, RL08, RLH09, RS05c, RS07b, SZ08a, S09b, SFSK07, SDV06, SLZA09, Sza08, TRS07, TRST09, TBB07, Toc05, TV09b, VL08, Y09, Vo08, W06b, WC05, Wan07b, WC07, WM08, WLS08, WPC08, Wan08a, WS09, WL09, Wan09a, YW09, WL09b, WS09b, WW09b, X09, XL07, Xu08, Y09, YZ08, YG09a, YL09, YG06, Yuc06, YC09, ZS05, ZFG08, ZGH09, ZLL08, ZW09c, Zho09b, Zh08d, ji09b].

differential-algebraic

[GL06, Hos06, LZZD09].

differential-difference

[GS06b].

differential-functional

[WH09b].

differentiation

[ACR06, BXC09, HY09b, Li05a, NW08, Röl08, Wl07, XC09, ZM09].

diffracion

[BLW06].

diffuse

[TL09].

diffusion

[eMH06b, ARG08, Ahi06, ARVP09, AKL05, ABR07, ABV08, Bog05a, Bog05b, BH07b, BW07b, CBB07, CHe05, CWW08, D08, Deu09, DZ09a, Do10b, Du07b, FL06a, GDM08, GB07b, GAR07b, GM09b, G06, GL07, KV09, H09b, HRG08, HK07b, IS06, KGA08, Ko07, Kan08, KMV09, Kt09, K106b, KH08, KBB05, LL05, LL08, LSTS06, Lew06, LZY09, LWS09, Lin05, LS05, LXZ09, MJ09, MPS05, MP07, MA08b, MV08, MSZ07, MBCV09, MA09, Mu09, OS07c, PP09, QWW08, RAV08, Ro07, RK07, SK05, SSV06, SR09, Sl08, SM09, TG07, VG09, VV05b, V09, W09a, W09b, Wil06, Won09a, YZ09a, YY07a, YK09, Zar09, ZLA07, Zho08, ZC08b].

diffusion-convection

[IS06].

diffusion-reaction

[ABV08, CB07, HK09, SSV06, VY09].

diffusions

[PW08, Pok06, WF09].

diffusive

[AT09b, Se07, SL06, VV08].

diffusivity

[CK08].

digamma

[Co05].

digital

[AA07, AA08, TN09].

dilute

[HS07b].

dimension

[CP09c, LW06c, W08, Y09b].

dimensional

[BL07, Ban05, BS08b, BS07, BFG06, Bra07b, B07f, Co05, CK08, D09b, DL07a, KEH08, FG09, Gao06, HK07a, HBM06, HTS09, Har08a, Hv06c, Jan09, JVVvdZ06, JL06b, JW08b, KG08, KCK06, KM06, LA08, LC09, LN07b, LOA05a, L07, M06a, MG08, MS07c, M09b, Oga06, OA06, Par08b, PL08, Rad05, RB08, RVM08, RCR05, Rs08, SA09, ST05, SS06c, SM07b, TT06, TS08, TG09, TRST09, THS05, TG07, TA06, T06, VRBF07, WZ08, WL06, WDC*08, XZ07, XK09, XX09, YY09, WH09a].

Dimensions

[DCF06, Far06, GZ07, WS08, ZK06].

dipoles

[Y007].

Dirac

[Pie09, Sch06a, Xu07b].

Dirac-like

[Pie09].

Direct

[BM08a, BI08b, CM07, LDM09, SFPS09, Du09, FG07, Gd09, MNG09, Wac05, Y007, YD09b].

direction

[BISS05a, Be06, CGP08, Qin09, Y06].
YLW09b]. **Directional** [AB05, Aki09, LBS09, LM08]. **directions** [GAC+08]. **Dirichlet** [BNT08, CJCD06, DT06b, GNP09, HL06, Hari06, JLN06, SFPS08, SFPS09, Tur06, Won09a]. **disability** [Spr06]. **disc** [CU09a, CU09b, PD06, SB09, Tor08, Wün05]. **discontinuities** [Wri08]. **discontinuity** [SL09]. **Discontinuous** [BHP07, CP09b, Eps09, AMG07, AB07, Ber06a, Cui07, Cui08, DFLP08, ER09, GSS07, Kan08, KLP06, KP07, LYO7a, LN07b, LS05, LC08c, MCR08, Mar09, TRS07, TR09, VJ09, WG06, Zar09, ZLZ09b]. **discounted** [LXSH09, ZLY09]. **discrepancies** [PVC06]. **Discrepancy** [Tab07, PC05, Sin09, VC06, WS08]. **Discrete** [Civ07, Coj09, EZ07, HKV09, HCDP08, JZK09, Kar07, KK06, PT08a, PT09b, TYH08, AS09b, AAN07, BR07a, BRIP09, BMS05, BS05, Cal07, CZ08a, CLN09, Che09, CSSL09, DS08, HJR07, IO06, IV07, KCK06, KM09b, KP07, Kro06b, LOZ08, LXX08, LC06b, LM08, LZZD09, MZC08, MA08a, Mat07b, Mat08, MJ07, MSA09, Moh08, MS07d, MRSZ07, Nou07, Pie09, RS05b, RAG07, SG05, SV07b, SP06b, ST07, SZ07b, VDL+06, WLL07, WZ08, XC08, XXL08, YY06, YY07b, YHH05, ZFF09]. **Discrete-analytical** [PT09b]. **discrete-complex** [RS05b]. **Discrete-time** [TYH08, MZC08, Moh08, SG05, WLL07, XC08, YY06, YHH05]. **Discretisation** [FR07, AK07]. **Discretization** [CCK06, KS07a, Mai08b, AT09b, BOR7, BK06, Che08, CHJL08, Gao05, MS07c, NP08, ZS08b, VVE08a]. **discretization-theory** [Gao05]. **discretizations** [CJB06, Deu07, Han07, Kan08, PDM08, PV09b, Qiu07]. **discretized** [BP05, CMR06]. **Discriminating** [WC07]. **discrimination** [AI06]. **disk** [EFP06, PSV08]. **disks** [FT05]. **dispersal** [CT05, TCMS06]. **dispersion** [Bat08, CdVT07, MM06, Roo06, SZ07b, TS05]. **dispersive** [AEET09, FS07, Li06a]. **Displacement** [YH05, YWH05a, YWH05b, Cui07, Cui08, SY09]. **dissipation** [AEET09, TS05]. **Dissipative** [Mat08, FS07, LZ05]. **Dissipative/conservative** [Mat08]. **Dissipativity** [Gan07]. **distance** [CCW+09, DL07b, EE06, Eig07, Iza09]. **distributed** [AAZ06, ABD+09, Che05, Chr09, DF09, GZLL09, GX09, Hei05, MP07, Moh07, Moh08, Sma05, SC06a, SC07b, UFG09, WTL05, WS08, XW07b, ZLLW08]. **distributed-order** [DF09]. **Distribution** [KSE09, AA09a, CLQ09, DA09, DD08, KM09b, LWH09a, LWH09b, LL06, MY05, MGMTO06, MS06b, NK08, RVAD08, Spr06, VT06, YJGL07, YA08]. **Distributional** [BR09]. **distributions** [BN08a, BBR05, CdWJ06, GA09, GK08, KM09b, LP07b, Sen07]. **dissurbances** [Dor09]. **divergence** [MPP07]. **divergences** [MPZ09]. **divided** [DH09, Gal06, HQ06, JL06a, Müh06a]. **dividend** [GY08, LWS09, LXSH09, YZ09b, YW09a, YSY09]. **dividends** [FW09, GS06a]. **division** [DP05b]. **Dixon** [BE06b]. **Does** [CMM09]. **Domain** [FL06b, NSL07, AFT+07, BP06, BC08, Bog05a, Bou07a, BFP09, BDGV09, CH09, Du08, FHtMP06, FNW06, FG07, Gao05, GZL07, Hei05, HH07b, JW08b, KA08, KW09, LLL06, Lu09b, Lu09, SVC09, STH09, SHK+08, SLN06, YH09b, Zhu07]. **domains** [AG05, BN08a, BBSV08, BFGM06, CGRGVP08, DL08a, EZ06, FG08, GS06c, HL07b, HZBM06, Her09, KS07b, Kob07, KKS+07, Li09c, Liu09, MSTT08, MM07, Nke05, Roo06, SSW09, SFPS09, SDV07, Var07, YG07, ZKSS06, vOP07]. **dominant** [MVV08, MA09, THC08]. **dominated** [CJ09a, MV08, YZ09a]. **Doppler** [RCR05]. **Double** [He05, NMMS05, CHM06, He06a,
double-gate [LY05a].

doubling [CHLW08].

Doubly [CMRS06, HR09a, HR09b, RLH09].

DP [CW08a, DHS09].

DQ [Yüc06, LYT07].

Draghicescu [Sak09].

Drazin [WD05].

Drazin-inverse [WD05].

Drift [RS05c].

drift-driven [HR09b, NTS06, RVM08, RLH09, ZLZ08].

Driving [MD08].

Drying [GKMS09].

DSC [Civ07].

DTM [MO08].

DtN [CNN07, Koy07, Koy09].

Dual [BNPR08, How09b, NaLH07, Ber06a, BFP09, Dal08, GXZ06, WFL07, XF07, ZTG09].

Dual-mixed [How09b].

Duality [Ask05, AHS08, Ant09, ACV05, FL08a, GGA08, LTY08, SDP09].

due [dCDND06, MD08].

Dufﬁng [GC09].

Dunkl [Cho05, Kam07, TX07].

Dynamics [BSC07a, BSC09, HZ05, ABD+05, Aue07, BLR07, Ban05, BMC09, BB08b, BB09b, CMRS06, DBE07, Dml08, FR07, GR09, IOO07, IV07, KS09, LHO5a, LH05b, Li09b, Meh05, RW06, FSF07, SZ07b, Tac07, THS05, VDV08, WF09, YY08].

Dyson [DIKZ07].

Early [Ter05].

Easy [CR09].

easy-to-control [CR09].

Ecological [WW07].

ECT [Mühl06a].

Edge [LM07a, GG09b, YZ09a].

Edge-preserving [LM07a, GG09b].

Edges [ELA09b].

Editorial [GMS08, ZFS09, Ano08m, Ano09k, Ano09l, Ano09m, Ano09n, Ano09o, Ano09p, Ano09q, Ano09r, Ano09s, Ano09u, Ano09v, Ano09w, Ano09x, Ano09y].

Editors [Ano07u, Ano05-29, Ano05-30, Ano05-31, Ano05-32, Ano05-33, Ano05-34, Ano05-35, Ano05-36, Ano05-37, Ano06a, Ano06b, Ano06c, Ano06d, Ano06e, Ano06f, Ano06g, Ano06h, Ano06i, Ano06j, Ano06k, Ano06l, Ano06m, Ano06n, Ano06o, Ano06p, Ano06q, Ano06r, Ano06s, Ano06t, Ano06u, Ano06v, Ano06w, Ano06x, Ano06y, Ano06z, Ano06-27, Ano06-28, Ano06-29, Ano06-30, Ano06-31, Ano06-32, Ano06-33, Ano06-34, Ano06-35, Ano06-36, Ano06-37, Ano07v, Ano07w, Ano07x, Ano07y, Ano07z, Ano07-27, Ano07-28, Ano07-29, Ano07-30, Ano07-31, Ano07-32, Ano07-33, Ano07-34, Ano07-35, Ano07-36, Ano07-37, Ano07-38, Ano07-39, Ano07-40, Ano08n, Ano08o, Ano08p, Ano08q, Ano08r, Ano08s, Ano08t, Ano08u, Ano08v, Ano08w, Ano08x, Ano08y, Ano08z, Ano08-27, Ano08-28, Ano08-29, Ano08-30, Ano08-31, Ano08-32, Ano08-33, Ano08-34, Ano08-35, Ano09z, Ano09p, Ano09q, Ano09r, Ano09s, Ano09t, Ano09u, Ano09v, Ano09w, Ano09x, Ano09y, Ano09z, Ano09-27].

Editors [Ano05-28, Ano05-29, Ano07p, Ano07q, Ano07r, Ano07s, Ano07t, GD09, VK08].

Educational [Art09].

EEG [CHV+08].

effect [dCDND06, HKA07, Min05, MU08].

Effective [LCH07, CK08, WC08].

Effectiveness [KM06, SS08].

EFFECTOR [Wod05].

EFFECTS [BCP07, FZ08, IV08, LC09a, NPTH09, SB009, TSC10].

Eﬃciencies [WY07, WY08].

EFFICIENCY [Kan05, CdAHBR06, CHBM07, EHR09, GS09, Pe09b].

EFFICIENT [AKW05, Cas05, EL06, FGB07, FPP08a, GL07, GPPRRB06, GPPRRB07, Gu06, PR08b, SK09b, TR09, VLR08, Xia07a, BBD06, CDM07a, CC06a, CCJ07, Co09a, DP08a, EGM07, GW09, HC09, HO07, JKM07, KDN08, LMR07, LCKK06, PRP08, SK06, Tan06, VAN06b, WK08, WT07].
WCO7, WZ07, ZZZ08, Zhu05c. Ehrenfest [AR09a]. eigenbasis [Ter05].

Eigenfrequencies [Ban07]. eigenfunctions [Gri09, NSS06]. EIGENIND [WWW08].
eigenpairs [yPlH05]. eigenproblem [Yua09].
eigenspaces [CL06c]. Eigenvalue [˚AMK06, BE07, Won08, Wu08, AGM06, AV06, BHP07, BSS08, DW06a, HS06, HLL08b, JM07a, Lan06, LHL09, LHL06, QWW08, SH08, SO05, Toy07, Vol08, WWW08, YXJG08, YH09b, Yü06, dF07].
eigenvector [EEGG08]. eigenvectors [MVVV06].
eight [LLD09]. eight-node [LLD09].
eighth [BRW09, SS05, Tsi06]. eighth-order [BRW09].
eight-node [LLD09]. eighth [BRW09, SS05, Tsi06].
element-finite [MP06a]. element-Galerkin [EGFO09]. element/ALE [SST09]. elementary [BXC09, DK06b].
elements [BDAR08, CC07, Dmi08, GLOS05, GRW08, Gil07, HMPR07, HLL08b, Jea07, Kuz08, MS09b, MK09, QCK09b, Sur05, Zhu07].
elevated [MS06, Win06]. elevation [Sza05a].
elastic [ABF07, CFS09, CCL06, Dem07b, LCZ09, LP07c, TANT09].
elastically [KS05b]. elasticity [BNPR08, GMM09, Her09, KS07b, SaJMH09, Sta07, XZZ07].
elasto [AYK09, LLM08]. elasto-plastic [AYK09].
elasto-plasticity [LLM08].
elastodynamic [AB09b, BFP09].
elastodynamics [YA07]. electric [CHSW08].
electrically [IV06, NTS06].
electricity [BSMT09].
electrocardiogram [ZSGF09].
electromagnetics [CD05, CCM07, Cak07, EGM07, HCDP08, YOO07].
electromagnetics [CH09, FTT05, OMC08, AFT06].
electromagnetism [ABL07, DM07b].
electrophoresis [GMFB06].
electrostatic [MMFMG07, DR08, YZ09d]. element [AG06, AB07, ALR05, ABP08, BNT08, BN08b, BG07a, BGP07, BR07b, BNPR08, BFP09, CY09, CYZ09, CYM08, CL08, CWW08, CYB09, Chr09, CCS05, Cop05, DG08, Deu07, dCDN06, Dui08, DBG07, DBR08, EFG090, EJ07, Fai07, FL08a, GGD08, GMT09, GLOS05, GDA07, GHT06, Ham09, HH07a, HCDP08, Her09, HS06, How09b, HGS08, JW08b, KKW06, KK06, KS07d, KK09c, Koy07, Koy09, LY07a, LL08, Li06a, LW06b, Li07a, LH08a, xLLhZ08, LLD09, LWLL09, LHL09, LvGJ06, Ma06, MSZ07, MP06a, N08, NTS06, NS09b, OS07b, OS09, OMV09, PV09b, RTGB09, RRK07, RKK09, SST09, SY09, Svá08a, Svá08b, Tab07, TR08, TSB09, TY05, Won09a, XKF06, XZL08, Xio07, YG07, YZ09d, Y09b, YXJG08, ZP06, Z909, ZC08b, ZKS06, vO07]. element-finite [MP06a]. element-Galerkin [EGFO09].
element/ALE [SST09]. elementary [BXC09, DK06b].
elements [BDAR08, CC07, Dmi08, GLOS05, GRW08, Gil07, HMPR07, HLL08b, Jea07, Kuz08, MS09b, MK09, QCK09b, Sur05, Zhu07].
elevated [MM06, Win06]. elevation [Sza05a].
elimination [Saa06]. ellipsoidal [HL09].
elliptic [AS07, AK09, BNT08, BF05, BR07b, Bi08a, Bor07, BK06, CJCD07, Car05a, DAE05, DBR08, EPP09, FFSS09, GAC0+8, Gan08, Gá09, Gou06, GNP09, Har06, HAS09b, HC08, Jai06, KK06, KK08, KS07c, KSS07a, KKL06, KV07, Kor06, KV09b, LFHW09, Lui09, Mag09, NH08, Neu08, RS05d, SFFS08, SFPS09, Tem07, TR07, TR08, TR09, TV09b, VG09, Wan07c, WG08, WLK06, YG07, Yan06d, Zhu08d].
elliptical [Nig07].

elastodynamics [AB09b, BFP09].
elastodynamics [YA07]. electric [CHSW08].
electrically [IV06, NTS06].
electricity [BSMT09].
electrocardiogram [ZSGF09].
electromagnetics [CD05, CCM07, Cak07, EGM07, HCDP08, YOO07].
electromagnetics [CH09, FTT05, OMC08, AFT06].
electromagnetism [ABL07, DM07b].
electrophoresis [GMFB06]. Electrostatic [MMFMG07, DR08, YZ09d]. element [AG06, AB07, ALR05, ABP08, BNT08, BN08b, BG07a, BGP07, BR07b, BNPR08, BFP09, CY09, CYZ09, CYM08, CL08, CWW08, CYB09, Chr09, CCS05, Cop05, DG08, Deu07, dCDN06, Dui08, DBG07, DBR08, EFG090, EJ07, Fai07, FL08a, GGD08, GMT09, GLOS05, GDA07, GHT06, Ham09, HH07a, HCDP08, Her09, HS06, How09b, HGS08, JW08b, KKW06, KK06, KS07d, KK09c, Koy07, Koy09, LY07a, LL08, Li06a, LW06b, Li07a, LH08a, xLLhZ08, LLD09, LWLL09, LHL09, LvGJ06, Ma06, MSZ07, MP06a, N08, NTS06, NS09b, OS07b, OS09, OMV09, PV09b, RTGB09, RRK07, RKK09, SST09, SY09, Svá08a, Svá08b, Tab07, TR08, TSB09, TY05, Won09a, XKF06, XZL08, Xio07, YG07, YZ09d, Y09b, YXJG08, ZP06, Z909, ZC08b, ZKS06, vO07]. element-finite [MP06a]. element-Galerkin [EGFO09].
element/ALE [SST09]. elementary [BXC09, DK06b].
elements [BDAR08, CC07, Dmi08, GLOS05, GRW08, Gil07, HMPR07, HLL08b, Jea07, Kuz08, MS09b, MK09, QCK09b, Sur05, Zhu07].
elater [MM06, Win06]. elevation [Sza05a].
elimination [Saa06]. ellipsoidal [HL09].
elliptic [AS07, AK09, BNT08, BF05, BR07b, Bi08a, Bor07, BK06, CJCD07, Car05a, DAE05, DBR08, EPP09, FFSS09, GAC0+8, Gan08, Gá09, Gou06, GNP09, Har06, HAS09b, HC08, Jai06, KK06, KK08, KS07c, KSS07a, KKL06, KV07, Kor06, KV09b, LFHW09, Lui09, Mag09, NH08, Neu08, RS05d, SFFS08, SFPS09, Tem07, TR07, TR08, TR09, TV09b, VG09, Wan07c, WG08, WLK06, YG07, Yan06d, Zhu08d].
elliptical [Nig07].

Elman [CM08].
embedded [FSW09]. embedding [Lui09].
embeddings [GO07].

Emden [LM09a, XL07]. emergent [GPS09].

Empirical [GH06, TCO07]. Enclosing [JTO09a].
encoded [DL07b]. encounters [CSG05].
end [LNW06]. endwall [SS08].
Energy [GSS07, AB09b, BFGP08, EZ06, HV06b, KSS07b, LVV05, MD08, ZGV06].
energy-based [MDP08].
energy-consistent [AB09b]. engagement [CG05]. engine [ABD+09, DDL09].
engineering [GPS09, RTGB09, SLX08].
enhanced [CNN07]. enhancing [Eds09].
enhanced [CG05]. entries [Ism05c]. entropies [MPZ09].
environmental [AMO07, AMO08, KLS+07, PT09b].
environmental [THS05]. enzyme [JSS07].
environmental [AMO07, AMO08, CM08, KLS+07, PT09b].
environmental [THS05]. enzyme [JSS07].
environmental [AMO07, AMO08, CM08, KLS+07, PT09b].
environmental [THS05]. enzyme [JSS07].
epidemic [CLGG09, SMT07, WZ06, WJS+09, YH07].
equalities [TS06b]. equality [JZ09, Lan08b, Lan08a, Zhu05b, Zhu05c].
equation [Abb07a, Abb07b, AEBEK09, AAK06, ABL07, ACV05, Ase05, Asl01, Ass09b, BM08a, Ban08, BFT07, BSC07a, BSC07b, BSC09, BY09, BD06, Boy09, BF08b, BR09, Bra07b, Bru08, CRS05, CY09, CLCL07, CHL09, CMRS06, Cla05, CBH07, CP09b, DSI06, Dan06, DP05a, Dao07, Dao07, DSW08, DZ09b, DLF06, Djo07, Djo07, DFY09, DL07a, DL07c, Eba09, EM07, EZ07, ESAD05, Eng09, EPS05, EK07, FLS09, FZ09, FL07, Fer09, FGRW09, FT05, Gal09, Gao07, Gao08, GSH07c, Guo07, Guo07a, Guo06, HK07a, HCS05, Har08a, HS08a, HWY09, HBS+07, HLL08a, HYG08a, IO06, IL05, Jen07, JW08b, KCK06, KRA08, KKLY06, Koc08b, KHF09, KV09b, Kru05, LT07, LW08, La09a, LLL05, LRV+09, LT05, LC06a, LLZ06, LS09, LZG+09, LDM09, LM09a, LWL09, LTM08, Liu08a, LLZ09, LY09, LD06, hLYHZ08, LQA05a, Lu05, LL07]. equation [JL09, LY09, Lut07, LXXG09, MDMP09, Mai08b, MV08, MNP08, MT05, MCA09, MY06, ML09, MRV09, MN07a, MU08, MD09b, Mus09, Nke05, NMM05, OS07c, OOO+07, OS06a, PT09a, P109, yPESISZ07, yPyHZ07, PP08, PV09b, QFX06, QWS09, Rad05, RZ07, RW09, RO05, SS05, SWZ05, Sy08, SWYZ09, SJ09, SRW09, uHIA09, SD09, Sma05, SWZ09, SBO09, SCY09, SS06c, Sut07, SSM07, Sve07b, T09a, Tur06, VN09, VJ09, Vin09, Vol05, WHG07, WSM+09, WY09, WG09, WO08, XHK+08, Xio07, XZ08, YZ09a, Yan06d, YZ09c, VM07, YCJ09, ZCH07, ZLA09, ZLY09, ZM09a, ZT07, ZL07, ZZ08b, ZZ09b].
equations [AEK09a, AEET09, AT09a, eMH05, ARG08, AS05b, ADMM07, AAZ06, AFT+07, AMCM05, ARVP09, ABG06b, AB05, ADLT09, AKL05, ABS07, AK07, ABR07, AGRZ05, AR09c, Arg09a, ABV08, ADD05, BS05a, BS09a, BB05, BP05, BBPR09, BN08b, Bar09, BJ08, BHN07, Bat08, Bej06, BG09, BING07, BLT09, BGP07, BB07, BRW09, BBS09, BK09b, BF09, BTO7, Bru09, BLP07, BW07b, BSS09, BH07c, COE05, CS06a, CS07a, CVB07, CM07, CC06a, CC08, CDD09, CJB05, CJB06, CMR06, CMV09, Car05b, CHCW05, CX06, CS07a, CX07, CL09a, CT09c, CY09, Che08, CXP09, CJH08, Chr09, CG06, CD06, CMT09, Daa09b, DC08, DSC09, DAI11, DL08b, DL09a, DG08, DR08, DHC06, Dem07b, Den07b, DFW06, DF09, DZ09a, DL08c, Djo09, DA08, DO06, DAE05, DFL08].
equations [DG05, EGO06, EGO09, Ela09a, Enr06, EBP09, EM08c, FWY09, FWZ09, FH09a, FPP07, FPO05, FLP09, FS05, FL06c, FDLO7, FL07, FN09, FC09, FZ07, FTT+05, FH09c, GG09a, GD08, Gan07, GS07a, GJM07, GZ07, GJ08, Gar09, GKM07, Gei08, Gei09, GC09, GRW08, GS07b, GO05, GL06, GL07, GW06a, GSS07, GS08, Gus06, GX09, GS06b, GRL09, HCL08a, HEOS05, HZBM06, Han07, Har05, Has06, He05, HRGD08, HO06, HMG06, Hon07, Hos06, HL09b, HSD09, HSL08, HR09a, HR09b, HM09b, HMT09, HV06c,
equations

Equidistributed [SA08b]. equilibria [PPV05]. Equilibrium [AKLT09, CY08b, CAHAY09, HyLC06, KA06, LCA07, QCK09b, ZW09a]. equivalence [CLP08]. equivalent [BGRS05]. equiconvergent [AMK06]. ergodicity [Gu07]. Erratum [AMO08, ByXy06, yCyZ09, KYF05a, LC09b, LB10, LHL11, Van07a]. Error [ADD08, ABTV07, Bon07b, Che08, CNY07, Cop05, CDM07b, DSC09, Dai11, DP08a, DZZT07, EJ07, Koy07, Koy09, Li06a, Li07a, Li07b, MS09b, MSP09, VMM09, Wan07c, YLC09, AT09a, AG06, BR09, BG07a, BFP09, CGPM08, CS07c, CL08, CCS05, CN08, DF09, ED06, EPP+09, FH09b, Fin08, FT05, GP05, Gon07, GSS07, GNP09, KS07d, Kor06, KV09b, KHK08, LH07b, LY07b, MS09a, MS07b, MvdMV06, MCD06, NH08, Neu08, Osa06, Pip07, Pre09, Sen07, SA08b, SF06, TR09, TQA06, YG07, YZ09a, Zhu08a]. errors [BG07, CU09b, GPTT05, SB09, VRBF07]. estimate [Che08, FI07, GNP09, HO07, KHK08, SZ09a, TQA06]. estimated [GH06]. estimates [BGJ07, CU09b, GPTT05, SB09, VRBF07]. estimating [DP05b, MCD06, Sen07, FR06, HO06, MvdMV06, Wao07]. Estimation [ER07, TMG09, AT09a, BBF05, BT08, BFP09, CGPM08, CS07c, DMM07, DA09, DZZT07, GG09b, HAS09b, Hu05a, HR05c, KS07d, Kor06, LCK06, LP09, MV08, MJ09, NGS05, PPR07, SB09, SF06, Ver05, WK07a, YG07, YLC09]. estimations [CN08]. estimators [ABTV07, CP09a, CV06, KKO9a, MPP09]. Eulerian [LN07a]. Evaluating
Evaluation
[ABF+07, FH07, SW06b, WYW08, EJ07, HC09, Kho09, MS06a]. Evaluation
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[MNG09]. even
[CDL05, GX09, HCK07, KV05, WTL05, YL09b]. even-order
[YL09b]. evenoids
[HCK07]. events
[ZBB+05]. Eventual
[ZS05]. everywhere
[CV09]. evolution
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[Lin08]. evolutionary
[BBF07, BK06, KCLW08, Lin08, LW08a, PLGS09, TBL09]. Ewens
[Hui07]. Exact
[CdW06, Eba09, Rce08, Tat06, ZG06, eMH07, As10, Ass09b, CHL09, Gin08, GP08, Koi05, LW08, LZ09, hLYH08, Vi09]. exactness
[BC08, OS06b]. examples
[Bak05]. Exceptional
[Daa09a, Sch06a]. excitable
[Sha05]. exclusion
[Alo07]. exemplified
[Wil06]. exercise
[BBM09, Gau05b]. exhaustive
[Tan06]. exist
[CMM09]. existence
[AV06, CHC05, CXS05, HCS05, HJK09, HLX06, HWY09, LW05b, LF07a, LS07b, LD08, LZ09c, LJL06, LOA05a, LJD09, MK07, NPT09, RR06, Sun08, TSC09, YC05, Yan06b, YL07, ZCS05, ZG09, ZC08a, ZL07, ZS09, FHL07, JG09, Jia09a, LZ08a, LZ08b, LzW09, MN05, MN07a, NM06, RLX08, SFV09, ZL08, ZT07]. exit
[PW08]. Exotic
[Sch06b]. Exp
[Asl10, BK09b, Eba09, Ass09b]. Exp-function
[Asl10, BK09b, Eba09, Ass09b], expanded
[TMG09]. expanding
[BeMB06, Xu07a]. expansion
[Ab08, Boy09, GHZ06, LL01, Mat06, RV05, Sto05b, Tur06]. expansions
[AS05a, CV05a, CDL05, DA06, HLL08b, KSS07a, LHL09, Lóp07a, PK06, Par07b, Par07a, TV09a, YXJG08, ZZ06b]. expectations
[VCD+08]. expected
[CP07, LXSH09]. Experimental
[BDL09, VB05c, BGP07, YA08]. Experiments
[ARN07, BG07d]. expert
[CKC+07]. Explicit
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[Ma06]. explosion
[GEK09]. exponent
[ZW09d]. Exponential
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[VV07, CFMR08, CFMR09, Gau05a, HV09b, Van05, Van06a, Van07a]. Exponentially-fitted
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[CJP08]. expression
[EKL+07]. expressions
[HY09b]. extend
[Iza09]. extended
[DP05a, HE05, Jan08, KK06, MJ05, NKA09, SZZ05, WF08]. Extending
[SD06]. extension
[BM07b, DM05, KK05, Rza09, Sak09, Sid08, SS09, SS09e, VB05c]. Extensions
[AGR06, BE06a, CSS09, LC08a, Mål07]. exterior
[CU09b, CNN07, HLY09, Koy07, Koy09, Qu07, SHK08, WGZ08]. external
[ZZL08]. Extinction
[LC09a]. extracting
[JK07]. extraction
[SK06, ZSGF09]. extrapolation
[CY08c]. extrapolated
[FHZ09, FZL07]. extrapolating
[WDC07]. Extrapolation
[Mar09, CLA09, CLN09, pLT07]. extrapolations
[YXJG08]. extrema
[SZ09a]. extremal
[Is07, yPES10]. extreme
[FNW06, Kran06, MPZ09, vDvFZ09, vDvFZ13].
Faà [CHS06]. Faber [OS07a]. facilitates [Koç08b]. facility [TFC07]. factor [CP07, HO09, LCYZ08]. Factoring [XC06].
Factorization [GO05, BDY09, DO06, RT09]. Factorizations [KT07a, GSBB09, Yun05a]. factors [And09a, GS07c].
fairing [ZX06]. Falkner [Asa05]. families [HHR06]. family [ABBM09, BS09c, CXH09, HHC09, Iva06, JK07, MW08, MW09c, Moh05, Ned08, NS09c, Osa07, PM05, PRP08, PK09b, QCKK09, RS07b, SG09, Tem09, YL06, YLS07, ZJ12]. Farey [IL05]. Farey-type [IL05]. Farlie [GK08]. Fast [BK06, CD06, Cou09, EZ06, LLL06, PLGS09, WDC07, Brut08, CC06a, CMR06, CHLW08, DM07b, DTR09, DFFW06, Est07b, LS09, Mai08b, MV08, OMC08, PT08c, RTGB09, RO07, Sak09, TGB08a, YH05, YWH05a, YWH05b].

Feir [OOO07]. Fejér [SL05]. Feller [ZLA07]. FEM [BCH06, Bou07a, LN09, MK09, MSTA08, MU08, Roo06, SL06, SV07b, UHNC09, VS08, WT07, XC08].

FEM/FVM [MSTA08]. FETI [DHS09]. Feynman [Co05]. FFT [HO07]. Fibonacci [Kil07]. field [AAR09, CCLS06, DCZ07, dCDN06, HPS06, ICW+09, IV06, LvgJ06, Ma06, MD08, NSK07, TTT06]. fields [AD09, CHSW08, HCDP08, YOO07]. fifth [Cl05, KLW07a, SW05]. fifth-order [KLW07a, SW05]. filled [Dem07b, LZZ07, LXX08, LSSZ05, WY09a, YY07b, ZX09]. film [BSKS07]. films [V05a]. Filon [Xia07b]. filter [SP09b, Zho09a]. Filtering [WLL07, JKK06, PK06]. final [CL06b].

finance [DG06, HCL08b, VK08]. financial [RTGB09]. find [Tok07]. finders [PRP08]. Finding [GW09, WC08, Al07, BG07d, Osa06, Osa07, PM05, ISSZ05]. Finetti [YW09a]. Fingering [WZ06]. fingerprint [ZLDST09]. Finite [CGRGP08, CYZ09, CSZ09, Dmi08, Her09, Ma06, NT06, NS09b, AG06, AT09b, ARP09, AB07, AS05e, AL05, And09b, AKL05, ABS07, ABB08, BNT08, BN08b, BG07a, BUNG07, BR07b, BG07b, BJ06, BSV08, BNPR08, BFP09, BG07c, BCK07, BdAR08, BE06a, BE06b, CY09, CYM08, CL08, CWW08, CYB09, CC07, Chr09, CCS05, Cop05, CD07a, CK08, Deu07, dCDN06, DZ09b, Dor09, DK05, Dul08, EGFO09, EPP+09, EMP08, Fai07, FPS08, FL08a, GZL07, GMM09, GLO05, GRW08, GDA07, GC06, GHT06, Ham09, Har08a, HH07a, HK08, HCDP08, How09b, HLJ09, HZ05, HLL08b, JW08b, KD05, KK06, KM09a, KS07d, KAC05, KK09c, KSE09, Koy07, KM09c, Kuz08, KL09, LLL06, LY07a, LY05a, Li06a, LW06b, Li07a, LCH07, LzSS07, LH08a, xLHHZ08, LL09, LWL09, Liu08b, LVG06, LP09].

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finite-level [BSV08]. finite-part [Mon09, ZYW09]. finite-time [LP09].
finite-volume [SM07]. fire [BM08b, RMKA05]. First [PW08, ADDm05, BM08a, COEV05, CY09, CMST06, CSL7d, CLA09, Che08, Fin08, Gin05, Jia09a, KS07c, KC07, Kom08, LC08a, LS07c, pLT07, Liu09d, Qi07, ST05, SZA08a, SZ09b, WS09b, WS09b, YLN09, YLS07, ZLL08]. first- [Kom08]. first-order [ADDm05, Che08, SZ08a, SZ09b, WS09b, YLN09, ZLL08]. first-passage [ST05]. Fischer [CP08b, CGP09]. Fisher [DP05a, DOY08, MDMRP09, OS06a, SRD05]. fishways [AVMVMV08]. fit [BdWG06]. fitted [CFMR08, CFMR09, DWW06, FS09, HV09b, PS05, Van05, Van06a, Van07a, Van07b, VV07]. fitting [CR09, CLQ09, JSS07, MVVA06, SV07a, SACJ09, TYZ+05, VV09b, VAMVC05, ZH08]. Five [Sim07a, CMT09]. fixed [CY08b, CAHAY09, CS07e, EST07a, HL09a, HHZ07, Hug06, QCK09b, SVC09, SJZ09, Thi09, Won05, ZTY07, ZGSF08]. fixed-fixed [HHZ07]. fixed-point [SJZ09, ZGSF08]. fixed-sign [Won05]. flame [OW06b]. flame-front [OW06b]. flames [RR06]. flat [FT05, HeM05]. flexibility [AG09]. flexible [Dmi08, EFS05, SAH09]. Flow [KGB+07, eMH08, BGP07, BTO7, CO05, CE09, CMM09, Deu09, DDL07, DFHS08, ER09, Fai07, FT05, Goi05, GGP09, GS06c, HAS08, HS07b, HeM05, ICW09, IV06, KPA07, Kas06, Kha06, Las08, Lin09b, MP06a, MG08, MM06, NTS06, NSK07, Oga06, OA06, RVM08, Sva08b, TSB09, TQL08, TY07b, WLMS08, Zad09, ZX06, ZZL08]. flows [eMH06a, AB07, AM007, AM008, BG07b, BG07c, BGG08, BeMBH06, BdAR08, CK09a, DRT09, Deu07, FZ08, GLO05, HKA07, How09a, MS09c, OS09, SF08, Soh05, TK07, VVE08b, WT07, Wat09]. fluid [eMH05, BB08b, BB09b, CLA09, CE09, Dem07b, GW08, Guo06, Hat09, HKA07, HAS08, How09a, HKM08, IV06, OS09, Sva08b, VDV08, Wat09, Wat09]. fluid-filled [Dem07b]. fluid-solid [HKM08]. fluid-structure [VDV08]. fluids [Yan06c]. flush [SS08]. flush-slot-cooling [SS08]. flux [AMG07, AT09b, Ihs05, Kas06, Kuz08, LN06, OS09, XF07]. flux-free [OS09]. fluxes [AMG07, ZL05]. FM [An05-29, An05-30, An05-31, An05-32, An06o, An06p, An06q, An06r, An06s, An06t, An06u, An06v, An06w, An06x, An06y, An06z, An06-27, An07v, An07w, An07x, An07y, An07z, An07-27, An07-28, An07-29, An07-30, An07-31, An08n, An08o, An08p, An08q, An08r, An08s, An08t, An08u, An08v, An08w, An08x]. focal [Won08]. focus [DL09b]. Fokas [PK09a]. Fokker [WO08]. fold [XY05]. following [Sta07]. force [TANT09]. Forced [WWC05, eMH08, CBH07, GC09, Hoo08, HM09b, Li05b, LH08b]. forces [ZZL08]. Forchheimer [Las08]. forcibly [Hat09]. forcing [AML07, ZSZ09]. forecasting [BSMT09, XGZ09]. Foreword [BE06c, GD09, VK08]. form [Fai07, Has09a, JL06a, KA08, IW05a, Lu09b, Sau07, SLMW06, WL06, WF08, Wu08]. formal [GS08]. formally [LT07]. formation [LN06]. forms [Lin09a, Moh09]. formula [AOSY05, BXC09, Ber06b, BE06b, CHS06, CCLS06, CN07, CBG05V, ELA09b, HYC05, HS05, KAJ06, MO08, Oou08, Won09b, Xie08, XC09, Yan05, ZC06, vD05]. formulae [DMS05, GN09, Hui07, HV05, JB09, MM07, OS06b, SS09c, Sto06]. Formulas [MP05a, BC08, BP09, BDG05, BDG09, CX08, CBDGV07a, CBDGV07b, Gon09b, HHS05, L05a, LM07b, MJ08b, Mil09, Mö07, NSL07, Pet07b, Tay08, Tur09, Wil07, YH05, YWH05a, YWH05b]. Formulation
Har05, HR09a, JL06a, Lan08b, Lan08a, LW05b, LC06a, LCH09, LS07c, LTC06, LXUK06, Lin08b, Liu09a, LZ09d, Lin09d, MS09a, RLX08, SAD07, Vol05, WWC07, WYL09b, WS09b, WTZ08, WH09b, functionally [CC07].

functions [BR09, KW07, Yam08].

functions [AS05a, ADGH06, AHS08, ABET08, Ant08, Ant09, ADGR06, ADO07, BM08a, BS08a, BXC09, BNP06, BMW08, Bel06, Ber05, BGJ07, BHX05, BGHN05, Car05a, CZ07, Cof09a, CGP07, Cj08, CDL05, CD07b, DS09b, DFZ07, DC09a, DT06b, Dun06, EIM09, FKL05, FPP08a, FPP08b, GHMPV09, GG07, Gau05a, GK07, GPTT05, GQ09b, GM07c, Har08b, HC09, HS09b, HCK07, HV05, Ism07, JK07, Jon06, JT09b, KM09a, K10, KC07, KS05a, LL01, LAH08, LV05, Li06b, Li07, LW08, LSX09, LW08d, MPS05, MP07, MDD04, MJ08a, MM07, MC05b, MC05c, MSP08, MS09, MS07d, NWW08, NSS07, N07, Osa08, Par09c, Ped05, Qi07, QG08, Qi09, RA07, RB05, Sau08, Sch08, Sch05, SW08, Skr05, St05b, Swa06, TV09a, TFC07, Tur09, VB05a, VB05b]. functions [Var07, VS08, Vid05, WZ07, WZ08, YXY07, ZYD07, ZW06a, ZZ07, ZLY09, dS07a, vOP07, HHC09].

Fundamental [BTS07, CU09a, C09b, K07, Li09c, Oga06, OA06]. Further [Sid08, Sza05b]. Fuzzy [BK09a, WL09b, CT09a, CP09a, Dai09, DA09, EM09, FY06, Hua06, Hua08, Iza09, Kaz06, KK09b, KG09, LLS09, LZW09, MM09, QL09, RM07, SVC09, SP09a, SRP08, SAFS07, Ver08, WW09, WWC09, XGZ09, YJGL07, YZ09c]. FVE [YY07a].

G [AA09b, ÉT08, TYH08, WWP09]. GA [GBR09]. Galerkin [AB07, Ber06a, BHP07, CN08, Cui07, Cui08, DSI06, Den07, DFLP08, DT06b, EGFO09, ER07, ER09, Eps09, FG09, Gon07, Gon09a, GSS07, GNP09, GRL09, Han07, HL09b, Kan08, KS09, LZ09a, LN07b, LC08c, MCR08, Mar09, Mat08, NMM07, PT08a, Roi07, Sc09, Tr09, U09, VMM09, Xio07, YZ09a, ZLZ09b, ZH09].

Galerkin/Runge [H107]. GALI [BMC09].

game [Lin08, LW08a]. games [YZ09e].

Gamma [SL06, AS05a, AA09a, GQ09b, GM07c, Har08b, MvdMV06].

Gammel [Bak05].

GAOR [ZSWL09]. gap [CS09, DIK07, Den07a, ZW09a]. gaps [AG06, C09]. gas [Ban05, CMRS06, Las08, Ste07]. gases [SL09]. gate [LY05a].

Gauss [GPPR07, LC09b, BC09b, CLM06, CFMR09, CEF08, EJ08, FLS06, GPPR06, JB09, Kim05, Li05d, LH08a, MS05a, MC05a, MS07b, MSP08, NKM08, Par05a, Par08a, SV09, Vid05, Waa05, ZM09b].

Gauss-fractions [Waa05].

Gaussianity [BJ09, Qi09].

Gelfand [MN07a].

gene [HBS07].

Gegenbauer [HS05].

General [CH09, Li05a, Pre09, ZYD07, Zin05, Bno07b, CQ09, DL09b, JTHZ05, JK07, KKS07, LY09, LC06b, LL07a, LLZ09, Sin09, WCH05, WLS09, WWP09, XH08, ZLDW09, ZL05].

Generalisations [Par09b].

Generalized [BNT08, BGP09, D109, HZ09, IYC05, LCA07, MPR07, Par05c, PS09b, Skr05, Tor08, VRSS08, VZ08, Win05, Xu05a, Abd08, ABG06a, AMG07, AHL05, AU09, ARV09, ABP08, ByX05a, ByX05b, ByX06, BUG07, Bra07a, BLO8b, CV08a, CX06, CP08b, CLA09, CGP09, CG06, CV05a, Din05a, Din05b, DF08, Eba09, EGO06, FD09, GW08, Gin08, GM07c, GK08, Han08, Har08b, HHC09, HR09b, HYC06, HWW09, Jay08, JK09, hQIZ07, JC09, JB09, Kaz06, KBA09, K107, LWW08, Lai09a, ...]
[BGVHN05, CMV09, LZ08b, LZW09, OYA07, Sak05, YA07, ZM09a]. half-line [LZ08b, LZW09, OYA07]. half-linear [Sak05]. Halley [ABBM09, Osa08, YL06, YLS07]. Halton [VC06]. Hamilton [Qiu07, TS06a]. Hamiltonian [FS07, MS07d, Tup07]. Hammerstein [AEBEK09, Lan06]. Hamming [Iza09]. Han [JH09]. hand [CHSW08, GQ09a]. handling [CKC +07]. Hankel [AH07, DS05a, EK07, KM09a, NP07]. haptotaxis [Eps09]. hard [KS07e]. harder [PS09b]. hardware [KDH08]. Hardy [EL07, Gau05b]. Harmonic [Cho05, Swe07a, CY09, DDLM07, DFLP08, LN07b, WYZ08, Wu07]. harmonics [DLROY05]. Harten [ABT06]. harvested [Kar06]. harvesting [KOS07, LZD09]. having [SHC08]. hazard [KK09a, Men09]. head [KY07]. heart [DO09]. heat [eMH06b, AZGN06, BF08b, CCH06, Dao07, Da08, DFY09, EM07, Fer09, GS07a, GKMS09, HTS09, Har08a, HeM05, JLR07b, Kas06, Lan05, MMM08, RR06, TQA06, WMS08, XF07]. heated [CLA09, KD05]. heating [VT06]. Hedstrom [YS06]. helices [BM07a]. Hellinger [Sur05]. Helmfinger [Wat06]. Helmholtz [BFT07, EZ07, Gil07, GDA07, HK07a, Koy07, Koy09, Li06b, LS09, Lu05, QWS09, RS08a, RW09, SHK+08, Sut07, ZKSS06]. Helmholtz-type [SHK+08]. Hemivariational [Noo05]. Hemivariational-like [Noo05]. Hermite [Boy09, CV05a, DSZ05, DH09, Fin08, GJ08, Han09, HYC05, KW07, KSVW07, LMS08a, MST05, MW08, MW09c, Mi06b, NBV08, Par09b, PS08, Sab08, XY05]. Hermitian [CL06c, DM07, Du07a, DL09c, HLW09, JC09, KN06, KMB09b, LHL06, LyG06, Toy07]. Hertz [GKM07]. Hessenberg [Gen05]. Hessian [And09b]. Hessian/vector [And09b]. heteroclinic [Tac07]. heuristic [KK09, Tok07]. hexahedral [Zha07]. HHDMR [TD06]. hidden [ABF+07]. hierarchical [MB06]. hierarchies [LZZ09]. High [AS05e, BFT07, Bor07, CCD09, CH09, CD07a, Dus05, GGG09, Har08a, LN07a, LYT07, MOZ07, MVO5a, Par09c, SS06c, WG06, YLSX06, AB07+07d, ACW07, AE07, BS08b, CS07a, CM07, DZ09a, Dor09, Dub09, Gil07, Huy09, IV06, JKM07, Kan08, KHF09, LW07, LC09, OS06b, Pet09b, RV08, Rom09, TGB08a, TGB08b, TD06, VV08a, VMM09, WCC07, WS08, SY08, ZG09, ZW09b]. high-dimensional [BS08b]. High-frequency [MOZ07, ACW07, AE07, IV06]. High-order [AS05e, BFT07, Bor07, CH09, Dus05, GGG09, SS06c, WG06, Dub09, Huy09, JKM07, Kan08, RV08, TGB08a, TGB08b, VMM09, WCC07, SY08, ZG09, ZW09b]. High-performance [MV05a, Rom09]. High-precision [Par09c]. Higher [AG06, Fin07, LTY08, W209a, ALR05, DLG05, E107, FH09a, FH09c, Ge08, HCL08a, KCK06, KLO9, LWL09b, PM05, PRP08, Rad05, RP05, SS09a, VM07, W07+07, WT08, YM07, YL09b]. Higher-order [AG06, LTY08, W209a, DLG05, FH09a, Ge08, HCL08a, PM05, Rad05]. highest [KK09b, SK09a, WIR07]. highly [AT09b, AT09d, B308, GL07, HC09, HV06c, Xia07a, Xia07b]. Hibbert [AB09a, Bac09, BF09, CQ09, FKL05, KM05, Pie08, WMM05, WN08, ZLY09]. Hilliard [BN08b]. Hirota [CX06]. Histopolating [Sie08]. histopolation [FO05, FOT07]. HIV [ABD+05, CLGG09, IOS07, IOO07, Mer05, RMK05, Ver05]. HIV-1 [Ver05]. HIV/AIDS [CLGG09]. HJB [ZZ08b]. hodograph [KL08b]. Hoff
FZ08, Hölder [HQ06, LS08, YL06, YLS07]. hole [LLM08]. Holling [LCH09, LTC06]. home [BNDN09]. homeomorphism [HJK09, SS09b, Wei09]. homoclinic [KW07]. homogeneous [Cao08, LS07a]. Homogenization [CJCD06, CJCD07, Dul08, FIR06, Las08]. homomorphism [HJK09, SS09b, Wei09]. homotopy [AHM08, FHM09, GS07a, Li09a, YXF07]. homotopy-perturbation [AHM08, GS07a]. Honeycomb [XY05, LCZ09]. Hook [Dun07]. Hook-lengths [Dun07]. Hopf [Van06a]. Hopfield [FL09]. I.V.P. [RVA07b]. ideals [Sau08]. idempotent [TS06b]. identifiability [Jai06]. Identification [BP05, FZ08, AS07, Gon06, LC08b, MDT09, TBL09, UHNC09, YOO07]. identify [YYF09]. identifying [CK05, DFY09]. identities [CJ07, GZ05, VK06]. identity [AGRZ06]. IFC [Ano05-33, Ano05-34, Ano05-35, Ano05-36, Ano05-37, Ano06-28, Ano06-29, Ano06-30, Ano06-31, Ano06-32, Ano06-33, Ano06-34, Ano06-35, Ano06-36, Ano06-37, Ano07-32, Ano07-33, Ano07-34, Ano07-35, Ano07-36, Ano07-37, Ano07-38, Ano07-39, Ano07-40, Ano08y, Ano08z, Ano08-27, Ano08-28, Ano08-29, Ano08-30, Ano08-31, Ano08-32, Ano08-33, Ano08-34, Ano08-35, Ano09z]. II [LW08b, PPR07, AMG07, BS05, Ber07, GA09, KG09, KSVM07, LWH09a, LTB06, Par08a, Ped09, Slo08, TR08, ZL05]. III [CKWZ07, Par07a]. IIPG [Dol08]. ill-conditioned [OR07]. ill-posed [BR07a, Cal07, Gon09b, HL08, LHW07, MRSZ06, MRSZ07, OR07, RS08b, WHL08, WH09a]. Image [BP06, DMM07, NDQJ06, AAPP07, AA08, BS09b, BJ07b, DESC07, Est07b, FL06b, GG09b, HT06, LM07a, LNL09, SRW09, TM08, Yio9, ZLDST09]. immiscible
[OS09]. immune [RMKA05, Wod05]. immunity [Zin05]. Immunological [CPM+05, LR05]. Immunology [BBG05, Zin05, ABB07e, BBF05]. Impact [SZ07b, CSG05, DK06a]. impact-induced [DK06a]. impedance [BKT07].

Implementation [MSA09, WWZY09, HS08b, PT09b, SM07, SFFS08, SK09b, VAR06, WSST05]. implementing [AG09]. Implicit [AZGN06, ACQ09, Bno07b, BS09c, BB08a, BB09a, BMM06, BM07b, Chr09, Din05a, EMP08, FN09, Gug06, HL09b, HyLC06, KBA09, Kom08, yL08, MVVA06, MS07c, NCC07, PJ08, Qin09, RS05c, TYZ+05, Tem09, VVE08a, VVE08b, WH09a, rWiC06, ZW08, Zhu07]. implicit-explicit [ZWZ08]. Imposing [SK09a, WLL09]. Improved [AMV06, BW07b, Kaw07, hLyHZ08, MNG09, OS06b, PLMP08, Abd08, BIR09, GZLL09, LM08, LWLL09, NS09b, RP09]. Improvement [SO05, ZHG+09]. Improvements [tLxLlW07, Yun08b, NT06]. Improving [EHR09, GWG08, GS09]. impulse [Kar09, Liu09d]. impulses [LLZY06, LS06b, LS07b, LZG+09, ZG09, ZW09b]. Impulsive [JL07a, LFW09, AA06, CS07d, CHY05, DC09b, FL08b, FL09c, FL09d, yL08, L05b, LH05a, LF07a, LS07c, Ltoc06, LZ09d, MS08a, MD09a, NPTH09, SZ08a, SZ09b, TSC10, WPC08, YS07, YZL08, ZCS06, ZS05, ZLL08]. imputation [MR09, WWVF09]. IMT [Oou08]. IMT-type [Oou08]. inclined [EKEHR08]. Inclusion [Swa06, ABF+07, Di 07, Din05b, HC08, PM05, PIP07, TFC07]. inclinations [AU09, Din05a, DF08, FD09, HLH07, Hon08, Kaz06, KBA09, Kom07, PZ08]. Incomplete [Har08b, STB09, BDY09, Dun06, GSBB09, GM07c, KS07c, KSS07a, Par05a, Par08a, YH09a]. incompressible [Deu07, Den09, ER09, GLOS05, GRW08, SY09, TY05, TY07b, Wat09, ZLL08]. incorporating [Kar06]. increasing [Eds09, HJK09, SS09b, Wei09]. indefinite [BR07b, Du07a, Gan08, HS07a, LyGJ06]. independence [GK08]. independent [AK09, CHS07, DA09, Nig07, ZGSF08]. Indeterminate [Chr05, BGVHN08, Ped09]. Index [Ano05g, Ano05h, Ano05i, Ano05j, Ano05k, Ano05l, Ano05m, Ano08k, Ano08l, Ano09a, Ano09b, Ano09c, Ano09d, Ano09e, Ano09f, Ano09g, Ano09h, Ano09i, Ano09j, Ano05b, Ano05a, Ano05c, Ano05d, Ano05e, Ano05f, Ano05g, Ano05h, Ano05i, Ano05j, Ano05l, Ano05m, Ano05n, Ano05o, Ano05p, Ano05q, Ano05r, Ano05s, Ano05t, Ano05u, Ano05v, Ano05w, Ano05x, Ano05y, Ano05z, Ano05A, Ano05B, Ano05C, Ano05D, Ano05E, Ano05F, Ano05G, Ano05H, Ano05I, Ano05J, Ano05K, Ano05L, Ano05M, Ano05N, Ano05O, Ano05P, Ano05Q, Ano05R, Ano05S, Ano05T, Ano05U, Ano05V, Ano05W, Ano05X, Ano05Y, Ano05Z]. indicator [HAS09b, KKL06]. indices [WWW08]. induced [DK06a, DFHS08, FIR06, FN09]. inducing [Bra07a]. industry [FGRW09]. Inequalities [AA09a, Alz06, BS08, Bad08, BT06, Bno07a, Bno07b, CY08a, CAY09, Che09, CV05a, Fu08, GG07, H06a, HZW08, JM07b, LM05, L08, LHL06, MC07, MA08a, Maze06, M07, N005, QK09a, XH08]. Inequality [Ple09, CLP08, Dai09, Gon06, Han08, bJQZ07, lLpZ08, LH09, L05, MZ06, M07, QQ08, QG08, Q09, ZZ08b, Zhu05b, Zhu08c]. inertial [JKM07, Mai08a]. Inexact [Don09, AUY06, AML07, Arg09b, Bno07b, BS09b, CY08c, CL06a, LS08, WA08, Zhu06]. infection [IOS07, IO007, IV07, MSB05, Mert05, Zin05]. infections [Wod05]. inference [YYF09]. Infinite [BF08a, BS07, BeMBH06, CW08c, CW08b, FLMR07, FL09d, GLS08, HL08, HeM05, LLLL06, LWYT06, Luo08, MW09a,
infinite-dimensional [BS07], infinitely [LP08], infinitesimal [BS06], infinity [Mor07].

Influence [BSMT09, Ham09]. Information [DLROY05, DSMY06, DOY08, GA09, GH06, SRD05, WWWF09].

infrequent [yCyZ08, yCyZ09]. inhibitory [LMZ08, Liu07]. inhomo- nogeneous [CWMT07, Di 07, EGM07, LD06, SHK +08].

initial [AUY06, AOSY05, BP05, DWW06, GGG09, LS07b, Mar07a, PK09a, Pre08a, WZ08].

initial-value [AOSY05, DWW06, GGG09, Pre08a, WZ08]. Initializers [CLM06]. injection [BeMBH06]. Inner [PK07, AK09, RS05b, TG09]. inner-outer [AK09]. inpainting [DMM07]. Input [HL07c, Kho09]. Input-to-state [HL07c]. inputs [Kho09]. inserting [Won09b]. instability [BB08a, CB07, OOO +07, WZ096]. instructions [CGRGVP08]. instrument [GM06]. insurance [BBM09, DÖO9, VV09a]. insurer [BC09a]. integer [HM09a, MS05b, SsZ05, ZF09]. integrable [LZZ09].

Integral [FT05, GPS08, WS09, AEBEK09, ABL07, BM08a, BS09a, Bar09, BN06, BF09, CRS05, CC06a, CC08, CMR06, CMV09, Car05a, CT09c, CD06, DM07b, DL08b, DL09a, DGV08, DFLV06, DL05c, Dio09, EFA08, FJG08, FDFL07, FFT05, GJ08, GKM07, GC09, Gon09a, GS08, HC09, HS07a, Hon08, Hsi09, HV06c, Jan09, JM07b, KS07c, KSS07a, Lan06, LL01, LHM05, LS09, pLT07, MJ09, MO07a, MB07a, MRV09, MS08b, MNMS05, PK06, PV09a, RS08a, RZ07, RA07, Sto05b, TRST09, Vo05, Xia07b, ZFG08, ZW099].

integrals [BBC07, CJP08, EJ07, EJ08, GLS07, Gao05, Gao06, Gau05a, Gin05, Has09a, HCK07, KáI05, KAC05, KM09b, MS06a, Mon09, Scu09, Sin09, SK06, Xia07a, WX08, Par07b, Par07a]. integrals-III [Par07a].

integrals-IV [Par07b]. integrands [Gon09b, Has09a, HS07a]. integrated [DA06, MDT07]. Integrating [ADDR05].

Integration [GH08, ADMM07, Arp07, BG07f, CE09, FG09, Gar07a, Gei08, HPS06, Ham09, HO09, Jay07, Koz08, Koz09, Kul09, LRH07, LLD09, Mon07, Pet07a, RTGB09, RVA07b, Rza09, Sid05, Sid08, Tay08, Zha07].

integrations [LH08a]. integrator [CVB07, G06, KHW09, MBC09].

integrators [CB09, Cas07, Cas05, LG07, VRL07].

integro [AT09a, BS08a, CS07d, Gan07, HZBM06, Has06, yL08, PT06, PT08a, WS09, YS07, YC09, jia09b].

integro-differential [AT09a, BS08a, CS07d, HZBM06, Has06, yL08, PT06, PT08a, WS09, YS07, YC09, jia09b]. intelligence [PPV05].

interaction [BC09a, Bla05, CC06b, HKM08, MD08, DVP08]. Interactions [Dem07a].

interchanging [dB05a]. interconnected [HGS06]. interest [FW09, LCY08].

interesting [HK08]. interface [ADF07, AK09, DMS09, FNW06, OS07b, OW06b, TL09, TV09b].

interchange [LH08a]. interior [GC09, GSS07, BS09b, Chao08, ER07, Fan09, FKM05, GNP09, WB09, Wu07, YXF07, Zhu05a, Zhu05b, Zhu06, Zhu08a].

interior-point [FKM05, WB09].

Interlacing [BV06]. internal [SC07a, SBK07]. Internalization [LNW06].

International [PRZW08]. interpolant [Bar09].

interpolants [BRIP09, BISS05a, BISS05b, BST08, DL08a, Han09, LMS08a, MST05, PS08, PR07].

interpolated [XC08]. interpolating [Bou07b, DL05, DS09a, HKZ09, JH08b, KP08a, KM09c, MW09c, Rom09].

Interpolation
involving
[AHS08, Alz06, Ant09, BX09, CJP08, CJP09b, Din05a, EE06, EJ08, Fin08, Hu05b, Ll06, LD06, VG09, WYS09, Xia07a]. ion
[Dem07a]. ion-acoustic [Dem07a]. IRKC
[SSV06]. Irrationality [CS09b]. irreducible [HYG08b]. irregular
[BS08b, KW09]. isolation [LL07b].

Isoparametric [BCH06]. Isospectrality [JLNP06]. isotropic [TANT09]. Issue
[BBG05, GD09, WS05, Ano05-33, Ano05-34, Ano05-35, Ano05-36, Ano05-37, Ano06-28, Ano06-29, Ano06-30, Ano06-31, Ano06-32, Ano06-33, Ano06-34, Ano06-35, Ano06-36, Ano06-37, Ano07-32, Ano07-33, Ano07-34, Ano07-35, Ano07-36, Ano07-37, Ano07-38, Ano07-39, Ano07-40, Ano08y, Ano08z, Ano08-27, Ano08-28, Ano08-29, Ano08-30, Ano08-31, Ano08-32, Ano08-33, Ano08-34, Ano08-35, Ano09z, BBF07, GPS09, VAW07, VK08]. issues [Gug06, SC06b]. iterated
[CL09, Dio09, HP07, PRGPS09]. Iterates
[BS06, Bog05b]. iteration
[AET07a, AETE07b, Abb07a, Abb07b, As05b, BS09c, DC08, DS08, ESAD05, GS07a, GJM07, GT09, HV09a, He07, JC09, JK07, KMB09b, Lu07, HL11, MP08b, Pe09a, SA07b, Swe07a, Swe07b, TD07, TEM09, TY07a, Wazo07a, Wazo07b, XHW07, YLS07]. iterations
[EF05, GPRB05, GPPRB06, GPPRB07, MSEP08, SC06b, TH09, YLD06].

Iterative [ABB07d, CMT09, Dan06, DRV08, Ge08, HL07, Kaz06, Kon07, MW07, MRSZ06, yPESIZ07, PRZW08, ZTY07, AT09b, AKK06, ABG06b, AP06, ABGH08, ABM09, AK09, ACQ09, BMX07, BGP07, BRW09, BK06, Cal07, CM06, CDVT07, CY08b, CAHY09, CAY09, CL09, CHS08, CQ09, Din05b, DF08, EM08b, EHR09, FP08, GM09c, Hei05, HYGO8a, JH08a, KBA09, Koq09a, Koq08b, KL09, tLxLTW07, MRSZ07, NED08, NK10, NT06, QCK09a, Sha09a, SFPS09, sY05, THC08, Uje07, WHF07, WZ08, WtL09,
large-deformation [Dmi08], large-scale [CXH09, GKM09, PKS+09, VL06, XZ08, ZJ12], large-update [Cho08]. LaSalle [Liu09a]. laser [CC06b, FIR06]. laser-plasma [CC06b]. lasers [KD05]. Lattice [DL07a, Ell06, HE06b, LZ05, ST05, Sin09, WHG07]. lattices [CK07, KV09a, LRH07, Sin09, WHG07]. LBB [GLOS05]. LBB-stable [GLOS05]. LBT [DESC07, Est07b]. leader [CFGVP07]. Leaky [Har08b]. leap [BD06]. leap-frog [BD06]. Learning [DC09c, AMV06, EL06, XZ08, Zho08]. Least [DG08, DJ07a, BTI08, CR09, Cou09, DKNZ08, DB08, GGD08, GRL09, HR05b, JZ08, JSS07, KA07, Log08, NJ09, MV05a, RKK07, RKK09, SV07a, TY05, WC07, WA08, XZ08, XF07, YH09a, ZH08, ZSL09, ZL05]. Least-squares [DG08, DJ07a, CR09, Cou09, DB08, GRL09, KA07, RKK07, RKK09, TY05, XZ08, YH09a]. Lee [DD07]. left [EK+07]. left-definite [EK+07]. Legendre [EJ08, GW06b, HS06, Pre08b]. LEM [CVB07]. length [FR06, MS06b, SVF09, SLZ06]. lengths [Dom07]. less [MGS08]. Lessons [CPM+05]. Letnikov [GAR07b]. letter [Gau08]. level [BSV08, DMY08, Gao09, KD05, Lp080, MS07c, XDW05, ZH09, CKWZ07]. level-2 [XDW05]. levels [LLS09]. Levenberg [KYF05a, KYF05b, MW09a, Wat07, Zhu08a]. Levin [Xia07b, XW08]. Levinson [VM07]. Levinson-like [VM07]. Lévy [HR09b, RHL09, Sch06b, YW09a, ZLA07]. Li [Yun08b, Cof09b]. Liao [Bno07a]. Lie [BG07b, BeMBH06, CK07, EKEHR08, LZ09, Röb08]. Lie-group [BeMBH06]. Liénard [LTM08, Liu08a, MLH08, ML09, SWY09, WSM+09, ZL07, ZSZ09, ZCZ08]. Liénard-type [ML08]. life [BB09, VM09a]. lifetime [LWH09a]. Lifshitz [Ban08, Cim08]. lifting [CHXL06]. light [THS05]. light-limited [THS05]. like [Arg09a, BDHW07, CX07, Dai09, Din05b, FD09, FTT+05, GR09, HR05b, Kaz06, KLO08, MP08a, Nao05, PG07, Pie09, SEAA08, Sch07b, VMV07, YH05, YW05a, YW05b, ZT06b, Zud05]. likelihood [FvZ06]. Limit [Cao08, Sch08, ADD+08, AGMMB05, DL09b, GGT07]. limited [Fer07, THS05, VL06, Wri08, ZX08]. limited-memory [VL06]. Limiting [JR08, Lei08a]. limits [CJD07]. line [BGVHN05, CMV09, DEMR08, bJQIQ07, Kan07, LZ08b, LW09, lyH208, OYA07, Pet08, QZY09, S09c, S06a, TJ08, XSW09, XSP09, YP08, ZMO9a]. line-search [DEM08]. Linear [LWLL09, RAG07, AUY06, AT07, AZ06, AKK06, AMCM05, AK07, ASL07, BR07a, BW06, Bar09, BFR05, BM06, BY09, BJSS06, BDA08, BW07a, BCP07, BKT07, BW07b, Cal07, CJD07, CL08, CJ06, CMST06, CHW09, CHS08, Cho08, CSS06, DaC05, Da09b, DG08, DW05, Don09, DJ09, EM06, EIM+09, EMM07, FLMR07, FJT07, FS07, FL06c, FG07, GM09, GKM07, GR08, GH06, GHT06, GM08c, GT09, GQ09a, GP09, HL08, HTS09, HNS09, Hei05, HSO8b, HM08, HLL08a, Jan09, jhKyuZm09, JD05, JH08a, KGA08, KT07a, Kob08, Koi05, KM09b, Li05c, Lm05d, LzB07, LW07, LM09b, LHR09, LHL11, MJ08b, MSE08, Moh05, MS07c, ML08, MRS07, MN07b, NS09a, NKA09, OOM+07, PKS+09, PN06, PP05, PK07, RB08, Roe08, RKK09, RO07, Sak05, S09a, Sch07a, Sch07b, SAD07].
linear [SFFS08, SV07a, SZ08b, SZ07a, SSZ09, Sta07, SF06, Swe07a, TRST09, Ter05, THCO8, Var07, WCH05, WFL07, WRS09, WCO09, WB09, WD05, WWM07, XDW05, XZS07, XW05, Yan06d, YA08, ZW06a, ZW08, yZXL09, ZGH09, ZM09b, ZSWL09, Zhu05b].
linearised [Ehr06]. linearization [CS07c, OS07a]. Linearized [Har05]. Linearly [ZW08, CGP09, PJ08]. Lines [WS05, Bra07b, CG08b, Cas05, HKB +05, HEOS05, Mil05, SWZ05, WSST05, rWlC06].
linked [VV09a]. linking [DVCH06].
Liouville [Abb07b, AGM06, ABI07, BV06, BBB07, BSS08, CKWZ07, Cha07, Cha08, CW08d, FFP05b, FFP08a, FFP08b, GG05, Liu08b, MJ08a, Sim07b, SO05, WWW08, Won09, Yüc06]. Liouvillian [ADDdM05]. Liouvillian [ADDdM05].
Lipschitz [Bel06, CL06a, Liu07, MYY07]. Lipschitzian [NS09c]. little [CS09b, OS07a, PV05, Sza05b]. Littiewood [Gau05b]. Liu [MK05, Zha09b]. Living [Gia06]. LLL [HE06b]. LLL-spectral [HE06b]. LM [ZL09b]. LMI [MLOP06, YJY06]. LMS [VLR08]. load [DP08b, WCL08]. Lobatto [CEF08, JR07, JB09]. Local [LS08, LY05b, Qu07, Wri08, YOH07, ZCS08, ABR07, BMX07, BGG07, CB06, DMM07, DL05, DL08a, Dao08, Di07, EJ07, Han05, Han06, Jay07, JC09, Ko07, KFY05a, KY05b, KCLW08, LH08a, MN07a, RW06, SZ09a, VEE08b, ZHU08a]. localization [BMC09]. localized [Fer07]. Locally [Rie06, Osa07]. Locating [BCK07]. location [TF07, YJGL07]. locking [Tacz07]. Log [GZX09, ZLLW08]. Log-det [ZLLW08]. Log-Sigmoid [GZX09]. Logarithmic [Fed09, HS07a, KS07c, MOC09]. logarithmically [GQ09b, Qi07, QG08, Qi09]. logarithms [Gau08, Zud07]. logistic [MPP09].
Logistics [YJGL07, NSK09]. lognormals [VCD +08]. Long [SF06, Ben06, CP09b, LLL07]. Long-time [SF06, CP09b, LLL07]. longevity [Den09]. look [GM09c]. look-ahead [GM09c]. Lorentzian [MP08a]. Lorentzian-like [MP08a]. Lorenz [NaLH07]. loss [HO09, MvdMV06]. losses [RR06]. lossy [VT06]. Lotka [TSC10, Ko07, LC09a, LJ09, LOZ08, LL07b, NPTH09, P06, Won09a, XWT09, YC06]. Low [DFZ07, WS08, BG07, CS09a, GGP09, HKB +05, JF06, KM06, PC05, RDH07, VVE08b].
low-density [HKB +05]. low-dimensional [KM06]. low-discrepancy [PC05]. low-frequency [RDH07]. lower [COEV05, Har06, HYG08b, LOA05b, LW06c, LLC08, xMzY09, Qi08, Shi07, WYS09, YAO06, YG09a, ZCL06]. lowering [CC05]. lowest [Hem06]. LULU [CdWJ06]. lumping [LSW09]. Lur’e [HWSL05]. Luswili [Sto05b]. Lyapunov [SG05]. lying [COEV05]. lymphocyte [Meh05, ZBB +05].
Lyskova [dMFPP09]. M [AA09b, ETO8, WWP09, WK07b]. M/ [WK07b]. M/G/1 [AA09b, ETO8, WWP09]. MAC [FLPA09]. Macdonald [FS08]. Mach [NVD08, VVE08b]. Mach-uniform [NVD08]. machine [EL06, WCY09]. machines [TMOG07]. Maclaurin [Ber06b]. magnet [WZH06]. magnetic [ACV05, CHSW08, ICW +09, IV06, KM06, Ma06, Sch06a, SV07a, VV05a]. magnetized [LmLgF09]. magneto [eMH08, HeM05]. magneto-elastic-viscous [HeM05]. magneto-forced-unsteady [eMH08]. magnetoecephalography [FP08, Suz05]. magnetohydrodynamic [BTS07, NTS06, QW06, TSB09]. magnetohydrodynamics [MDB06]. magnetostatic [DRV08]. magnetostriiction [Ban08]. Magnus [DS06, GOT06, Lu05]. Magnus-type
[GOT06]. Main [GA09]. Main-mass [GA09]. making
[KGW09, RM07, WY07, WYW08, BLL09]. management [AVMVMV08, IOS07, Lan08a, Mair08, WCY09]. Managing [MGMTO06]. manifold [TM08]. manifolds [JLR06, LS07a, Lop07b]. Mann [MP08b]. Mann-type [MP08b]. many [JG09, KTM09, LZ08a, LZ08b, LZ09c]. map [HL07b, Jai06, SFFS08, SFP09, TM09]. mapping [And08, BH07, CAY09, CQ09, DT06a, Dai09, Din05a, HyLC06, Kanz06, KBA09, KL08b, Kon07, KLV09, NS09c, Par05c, PK09b, QC09a, QC09b, Tem09, Th09, ZTY07, ZL09a]. Marchenko [CCLS06]. Marder [WWZY09]. Marguerre [CG06]. Marker [Lew06, NSK07]. marker-particle [NSK07]. Markov [BS06, EMP08, GEK09, Kao09, KRS08]. Markov-modulated [GEK09]. Markovian [LkK09, MYY05, MYY07, PPG07, YG06, ZW09c]. Marquardt [KRF05a, KYF05b, MW09a, Wat07, Zhu08a]. Maruyama [MYY07, Mao07, PDM08]. mask [LP08]. Mass [BGCC07, EZ06, GA09, GKM09, HHZ07]. mass-spring [HHZ07]. masses [Won09b]. massively [MBCV09]. master [Eng09, HBS*07]. matched [ZKSS06]. matches [MW08]. matching [NGS05]. materials [DK06a, LN07b, MPXK06]. Math [AM08, Asl10, ByX06, yCyZ09, Dai11, GPR08b, KYF05a, LC09b, LB10, LHL11, SZ09b, TSC10, Yun08b, ZJ12]. Mathematical [AVMVMV08, GD08, KG09, NS09]. Wod05, AB07e, Ant08, CPM*05, IO007, Kro06a, WWP*08, ZMAZ09]. Mathematics [BBG05, Gia06, Lig09, CWM07, Art09]. MATLAB [GS07b, Sha08, WSST05, BCS06, Gau05c]. matrices [AMK06, ANPQ05, AB09a, BS08a, BJS08, BGGC07, CL06c, CHS08, CSZ09, Coj09, CK05, DHH07, DV08a, DVM08, Du07a, Duf09, EST07a, Gem05, GLV05, HM09a, HR05c, HYG08b, JM07a, tLxLlW07, LHL06, LF07b, LF08, LC09b, LGG06, ML09, MVV06, Mor07, NL05, NT06, OTOR07, yPi05, RT08, RT09, RH06, Sm07a, Sm06, SS07, TV07, TS06b, THC08, TA09, TM09, VV08, VM07, WHF07, WtL09, Wam09b, WS09a, XW07a, XZL08, YH05, YWH05a, YWH05b, Yl09, Y09, Yun08b, yZL09, ZR09b, Zho06, dF07]. Matrix [KS07b, KN06, AEBEB09, AH07, BM08a, BG07d, CJP08, CW08d, DSW08, DH09, DKS07, DS05a, Deu05, DL09c, DG05, DI06, FL05, GH08, GHZ06, HYYF05, HYG08a, HV06c, Ima06, KM09, KL07, KA07, Koh08, KW09, KV05, Lai09b, LLZ08, LSW09, LSY09, LM09b, lHzH08, Lop07b, Mar07c, yPESLZ07, yPyH07, PS09b, RS05d, SHC08, TG09, Toy07, VG09, Wu08, WWD09, YD08, Yun05b, Yun08a, ZHG*09, ZLDW09]. matrix-splitting [HYYF05]. matrix-valued [FL05]. max [LXX08, fLxXT08]. max-bisection [fLxXT08]. max-cut [LXX08]. maximal [BC08, BG07b, BY06, CY08c, Din05a]. maximization [DS05a]. Maximum [FvZ06, KL08b, HKV09, KK06, SV07b]. Maxwell [AFT*07, BHP07, Cm08, DFL08, GZL07, GSS07, Ham09, Li06a, LN07b, Ma06, SHB05, SZ08]. MBFGS [LY08, ZZ09c]. McKendrick [PI06]. MDO [FG07]. meal [BNDN09]. Mean [Hua08, LS06a, RB08, Sic08, TOC05, YZL08, BB05, BH09, Bra07a, CT09a, Lu07]. Mean-semivariance [Hua08]. Mean-square [LS06a, RB08, Sic08, TOC05, BH09]. means [AB06, CV05a, CD05b, CD07b, IO06, Lop07a, MPZ09, MNS05]. measure
[DS07b, EMP08, NL05]. Measurement [CL06b]. Measurements [Di07, FZ09, ZS05]. Measures [AS09a, CE09, CT09b, DLROY05, EST07a, GD09, LZ09d, MH08, VCD+08]. Measuring [HG09, WY07]. Mechanical [pLT07, AHM09, NT08]. Mechanics [AB06, SRP08, Tsa09]. Mechanism [VJ09]. Mechanisms [TF07]. Media [CM09, Cui07, DCZ07, EGM07, FS07, GS07a, Li06a, MP06a, Sea07, Sha05, SY09, WG06]. Median [AA09a]. Mediated [BCeAJ09]. Medium [eMH06b, EKEHR08, VT06]. MEG [FP08]. Meixner [AGMMB05, FLS08]. Mellin [Lóp07a]. Membrane [KSS05b]. Memory [BDL09, BF08b, Den07b, SC07b, VL06, XZ08]. MEMS [FGRW09]. Menten [JS07]. Merit [CGP09, LRH07]. Merton [May08]. Mesh [AK09, AG06, AFT+06, AKW05, BISS05a, BKB06, CM05b, CMST06, CGPS08, DB08, DQ06, DW06b, FLPA09, KGA08, MJ09, MJX09, Moh05, RO05, SA08b, TTZ06, VU07, ZX06]. Mesh-free [AFT+06]. Meshes [AT09b, BFGP08, BHP07, DCF06, Gar07a, GW08, HKV09, Koz09, LX06, LN07b, RB06, TS06a, ZC08b]. Meshfree [Kro06b, UlHA09]. Meshless [PSV08, YY06, AFT+07, DT06b, Gas09, HS09a]. Meta [BLR07, Meh05]. Meta-dynamics [BLR07]. Meta-population [Meh05]. Metaheuristic [LxXT08]. Metal [CH09]. Metallic [dCDND06]. Metamaterials [Li07a, OMC08]. Metapopulation [SZ07b]. Metastable [OW06b]. Meteorological [KKS+07]. Method [HEOS05, WS05, AETE07b, Abb07a, Abb07b, AT09a, eMH05, eMH06a, eMH06b, AK09, AS05b, Abd08, AEBEK09, AHM08, ABG06a, AOSY05, Ahm07, AHC05, AABL08, Alh06, ABG06b, ABB+07c, ABGH08, AB07, AB05, AML07, AS05f, ABS07, AK09, ABP08, ACWL07, Arg07, ACW05, ASl10, AS09b, AT09d, ADDDM05, BM08a, BNT08, BSST08, BGO7a, BH07a, BH09, BSC07b, BJS08, BDW07, BUG07, BLT09, Ber06a, BR07b, Bi08a, Bns07a, Bns07b, BFGM06, BJ06, BS09b, BIR09, BK09b, Bou07a, BFP09, BMC09, BeMBH06, BG07d, Boy09, Bra07b, BCP07, BK08, BH07c, Cao08, CC06a, CR06, CMV09, CR09, Cas05, CJO9a, CHXL06, CHM06, CP08a, CP08b, CWW08, CLQ09, CLA09, CHS08, CL09b, CU09a, CU09b, CQ09, CEJ09, CJ07, Ch08, CN08, Cui07, CDMR07, CMD07b, DS06, DW06c, DC08, DSC09, Dai11, Dan06]. Method [DP05a, Da07, DM07b, DB08, DL09a, De08, DG08, DS08, DH09, DVCH06, dCDND06, DO06, DAE05, Do08, Dom09, DJ07a, Do09, DS05b, DT06b, DMZ08, Dub09, Eba09, EGO06, EGFO09, EGG08, EM08c, EPP+09, EH06, FHH08, FH09a, FH09b, FLP09, FSS09, FL08a, FKM05, Fu08, GH09, GAC+08, Gal06, GGD08, GJM07, Gan08, GPP07, GMM09, GG07, GC09, GK09, GH08, GO05, Gon07, GL06, GS09, GM09c, GSS07, GZL09, GZX09, GG09b, GW06b, HKB+05, HCL08a, Han08, HTS09, HC09, Has06, HLF09, HYF05, HH07a, He07, HM08, HK08, He05, HH07b, HeM05, HR05a, HS08b, HS06, HO07, HO06, Hoc08, HVV09b, HQ06, Hos06, Hos09, HM08, Hsu09, Hu05b, HR05a, LLL08a, HYG08a, HGS08, HMT09, HKM08, IO06, Jan08, Jan09, bJyKz09T09, JW08b, JH08a, JYY07, KA08]. Method [KKW06, Kaw07, KRA08, KTH08, KKL06, KK09c, KW09, KW07, KSE09, KLW07a, KLW07b, Kon08, Koy07, Koy09, KS07e, Kro06b, KKD06, KM09c, KL09, yL08, Lar08, Lew06, Li05d, LY05a, LWY06, LY06b, LTY06, LTY07, tLxLJ07, LH07, LW07, Ly08, LH08a, XLH08, LLZ08, LpZ08, Li09a, LS09, LZ09a, Li09c, LY09, LZLH07, LX06, LDM09, LWL09, LH07b, LC09b, LY09, LYT07, Log08, LN07b, hLyHZ08, Lu07, LC08c, LH08, Ma06, MC08,
MW09b, MJ09, MW09a, MJX09, xM1Zy09, MDP08, MDT07, MMD08, MV08, MNG09, MS09a, MNP08, MYY05, MCR08, Mar09, MT05, Mat08, Milan05, MN07a, MZ0W06, MLV07, MD09b, MO08, MRZ07, Mot06, MNMS05, MS09c, MA09, NTS06, NKM08, NKA09, NSK07, NSS07, NB06, NMMS05, NM07, Oga06, OA06, OS09, OTR07, SO06a, OMC08, OZL09, OOM‘07, PS09a, PT09a, PG07, PKS‘09, PT06, PT08a].

**method**

[PRGPS09, Pet09b, PJ06b, Pre08a, Pre09, Pul09, QW06, QFX06, QWS09, QZ008, QZY09, RT08, RVA07a, RZ07, RD08, Rea07, RW09, RA07, Sak09, SA09, STH09, SS09, SW205, Suv09, SHK‘08, Sea07, SAD07, LSSZ05, SL09, S09a, S09b, S09c, uILHA09, SK09a, Sni07, SZ07a, SSZ09, SA07b, SM09, St05a, SP09b, sY09, SY09, Svi08a, Svi08b, Sw07a, Sw07b, TRS07, TTTZ06, TST06a, T08, TRST09, TD07, TG07, TY07a, THC08, TK07, TA09, Toy07, TY05, TY07b, TV09b, Uje07, UFG09, VV08, VD08, VVE08b, V006, Vin09, WK08, WT07, WCH05, WFL07, WKF07, Wan07c, Wan07a, WG08, WGZ08, WHL08, WY08, WFW09, WZ09a, WH09a, WWWF09, WYL09a, Wt09, WCY09, WL09a, Wat07, Waz07a, Waz07b, WL09b, W006, W008, Won09a, WSST05, WKL06, WKL07, Wr07, WTZ08].

**method** [WWWZ09, WHZ09, XKF06, XW08, XZS07, XSW09, XZX09, XZWH08, XZL08, X0F07, Xio07, XHW07, XSP09, YA07, YOO07, YZ09a, YY07a, YLC09, YG09a, Yao09, YG09b, YH09a, YXF07, Yua08, YLW09a, YLW09b, Yiu06, Yun08a, Yun08b, Zar09, Zhao05, ZL06a, ZL06b, ZZ08, ZhL08, ZJW08, ZHG‘09, ZZZ09, ZLZ09a, Zha09b, ZM09a, ZLL09, ZGH09, ZZ09a, ZDC07, ZBL08, ZHO8, ZZ09c, ZW09d, ZLY09, Zho09a, Zhu08a, ZF09, ZA09, ZHO9, ZH09, ZKSS06, dS07a, NK10].

**Methods** [May08, AUY06, AT07, AM09a, AG06, AZGN06, AMCM05, AMCM06, AR09b, ABP06, ABB‘07d, ADLT09, ASL07, AR09c, Arg09a, Arg09b, AKB05, AB09b, Bad08, BR07a, BW06, BN08b, BJ07a, BJ08, BDL09, BY09, BRW09, BGP09, BJ07b, BNPR08, BJS006, BM07b, BW07b, Cal07, CL06, CFMR08, CFMR09, Cam08, CCO09, CGRGVP08, CAY09, CLO06a, CLO09a, CLN09, CT09c, CYB09, CHJZ09, CXH09, CCK06, CX08, CD06, CM070, DT06a, DKHZ08, DMS05, DGR07, DK06b, DFL06, DLO8c, Dio09, DFLP08, Don09, DBG07, DBR08, Eds09, ED06, ER07, ER09, Eps09, FT08, FLMR07, FJT07, FL06b, FNW06, FR06, FN09, FZL07, Fra05, Fra06, GG09a, Gan07, GS07a, GZ07, Gar09, Gis09, Gei09, Gei09, GP09R06, GP09B07, GT09, GQ09a, Guo06, HL07a, HL07b, HR05b, Hom05, Hom09].

**methods** [H009a, H007c, IT07, Ish07, J06a, J0K09, JKM07, Jay07, JD05, JC09, JR08, KF05a, KF05b, K07, KS09, KR07, K08a, K08b, K08c, K08d, K09, KMB09b, K010, K09, L07a, L09b, LV05, LR09, L06a, L07a, L09, L106, L09, L11, L06a, L09, L107b, MVL06, Moh05, Moi05, MRSZ06, MR09, Ned08, NS07, NST08, Nov08, OMV09, Osa06, Osa07, Osa08, PS07a, PPV05, PI06, PT09b, yPS08Z07, P05, PIP07, PPR07, PLMP08, P108, Q109, R005a, R007a, RB08, RS05c, R010, R0107, RKK09, SS05, Sc07b, SX09, SG09, S08, SW06b, SS06b, Sta07, Tem07, Tec05, TS05, T060, U009, VR0F07, Van05, Van06a, Van07a, Van07b, Van09, V007, VLR08, V006].

**methods** [VAR05, VAR06, V06, VK08, W006, WLY05, W07Z07, WLS08, Wan08a, W09S09a, WSP090, WMM07, WYL09b, WH09b, Xia07b, Xu07a, Y007, YL009, YXJG08, YJ09, YH09a, Yu06, YH09b, YKS09, Ym05a, ZP06, ZT06a, Z08a, YX09L09, ZLZ09b, Z12, ZM09b, Zho08, Z08S09, Z08b, jia09b,
ASL07, Gar09, Mar07a, TYZ+05, VAR06. Multivariate [GNS06, Mat07a, PR08a, Ple09, San08, BI08b, KR08, LW06c, WLL06, Wan08b, WZD09, YMFPP08]. multiwave [PS07b]. multiwavelet [BP07]. Mnintz [MC05c, MDSR04]. mutual [WWW09]. Myshkis [CCH06].

N [Sto05b]. Naik [AG09]. nanocrystalline [WZH06]. nanoscale [LY05a]. Nash [PPV05, PLGS09]. natural [BBM07, EKEHR08, LS09, LY07, RK08a]. nature [TH07]. Navier [Dai11, DC08, DSC09, DMZ08, FLPA09, FH09c, GRW08, HH07a, HL09b, KDN08, Mot06, NHO8, SS08, VVE08a, YWD09, YY06, ZH09]. NCP [HH09, MC08, ZZ09a]. NCP-function [MC08]. NCP-functions [HHC09]. NCPs [CP08b]. Nested [Hsu05]. Nested-grid [Wac05]. Nested-grid [Wac05]. nested [RV05, Vac05, vDESvG05]. Nested-grid [Wac05]. Networks [CFGPV07, DA09, HKS07, CTK09, Lin09b, SC06a, Yan06a, YH05].

Nernst [Hsu05]. nested-grid [Wac05]. nested-grid [Wac05]. Nested-grid [Wac05]. Nested-grid [Wac05]. Neuronal [YD08]. Necessary [BGG07, HW07, LW08c]. negative [BM06, DL09a, LVV05, Li07a, LZZ09, SZ08a, SZ09b, YW09a]. negatively [BS09b]. Neuronal [Hsu05]. nested [RV05, Vac05, vDESvG05]. nested-grid [Wac05]. network [Vac05]. Networks [CFGPV07, DA09, HKS07, CTK09, Lin09b, SC06a, Yan06a, YH05]. Newtonian [GW08, ICW+09, Sva08b, ZLL08]. Nicholson [LF07a, LD08]. Nicolson [PP09, WKY+07, YWD09]. nine [DL09b, GSBB09]. nine-point [GSBB09]. Njastad [Ano05-38, Lor05]. NLS [CX07]. no [Yun08b]. Nodal [BC08, Dmi08, Sie07b]. node [LV06b, LZ09a, LLD09]. nodes [BDGV09, Mil05, MS06a, dB05a]. Noether [JKM09]. Noether-type [JKM09]. Noise [FN09, BS07, CX06, Toc09]. Noise-induced [FN09]. Noisy [BFGP08, KP08b]. Non [ARVP09, BS09b, Jay08, SVF09, UO09, ABBM09, AKL05, AR09c, BR07b, BOu07a, Cha07, CC07, DS09a, Da08, DG08, DFLV06, DHS09, EZ07, Fan09, FIR06, GGT07, Gia06, GHT06, HSN09, HyLC06, ICW+09, KK09c, Kom07b, KMB09b, LC06b, LpGJ06, LP06a, MYY07, MK09, MY08, Moh05, MS07c, MS07d, MS05b, RW06, SJZY09, SZ08b, SDV07, Sva08b, Swe07a, XSW09, Yan06d, YG09a, ZLL08, ZCL09].
non-algebraic [GGT07]. non-autonomous [LC06b]. non-classical [ZCL09].
non-commutative [Kom07b]. non-conforming [CC07, GHT06, MK09].
non-convex [Fan09, KK09c, XSW09]. non-critical [MY08]. Non-differentiable [Jay08, AR09c].
non-Fréchet [ABBM09]. non-Gaussian [HSN09]. non-Gaussianity [SJZY09].
non-Hermitian [KMB09, LvGJ06]. non-integer [MS05b]. non-linear [DG08, Moh05, MS07c, SZ08b].
non-lipschitz [MY07]. non-local [Dao08, EZ07, RW06]. non-monotone [HyLC06].
non-Newtonian [ICW+09, Svá08b, ZZL08]. non-integer [MS05b]. non-linear [DG08, Moh05, MS07c, SZ08b].
non-Lipschitz [MY07]. non-local [Dao08, EZ07, RW06]. non-monotone [HyLC06].
non-Newtonian [ICW+09, Svá08b, ZZL08]. non-integer [MS05b]. non-linear [DG08, Moh05, MS07c, SZ08b].
nonself-mappings [Thi09, ZTY07].
nonsingular [VMV07]. Nonsmooth [BGRS06, AZGN06, Arg07, BGP09, 
KMWWY09, MW09a, PV09a, WTZ08, ZCH07, ZXZ09]. nonstandard [DK06b].
Nonstationary [CL09a, CGP07, Dol08, GP08, Yun05a]. nonsymmetric [Gan08, 
GQ09a, GNP09, Guo06, JR08, KK08, RT08, RT09, RH06, SHC08, SSZ09].
nonsymmetrical [ZGV06]. Nontrivial [LLW09]. nonuniform [DL05, KGA08, 
KDN08]. Nordsieck [Kul09]. norm [CV05a, GSS07, HW08, bJyKyZmT09, 
Mor07, WA08]. norm-relaxed [bJyKyZmT09]. normalized [Swa06]. normed [BISS05b, 
MM09]. norms [MYY06]. Norton [FZ08]. Note [AOSY05, CHS08, Du07a, 
SA07a, AD05, BE06b, CL06c, DT06a, DS05a, Gra06, GZ05, HP07, 
KN09, KP07, LP07b, Li05d, LC09b, Lu09b, Loo07, MS07b, MB07b, RVA05, 
RP09, SG05, SHB05, VV06, Yun05b, Yun08b, ZZ06c]. Notebooks [RVK05, 
RV05]. notion [SCS08]. Novel [PK09a, TXZ09, XZL09, HMHO8, MO08, 
SRW09, SK06, XWZH08, ZLY09, dS07a]. NPV [Hua07]. nuclear [LRV +09]. nullity 
[VV06]. number [Kan05, LCH07, MS05b, SZ09a, SL08, Tan06, VVE08b, WD05, 
Wik08]. numbers [Ben07, CTO9a, CMM09, EKL +07, GGP09, 
KG09, NP06, NP07, SP09a, WD05, XD05, XW07a]. Numeric [SL09, BBB06].
Numerical [AT09a, AGM06, ADF07, AM09b, 
AVMMS +06, BS08a, BS09a, BCeAJ09, 
BDY09, BLW06, BSC07b, BG07d, BP07, 
CFV06, Car06, CB07, Civ07, CP09b, DH06, 
DL08b, DS09b, dCDND06, DF09, DFLV06, 
DJ06, DFH08, Es09, ÉT08, FZ09, Fer09, 
FDFl07, Gao06, GRW08, GHT06, HO06, 
IO06, Ish07, JLO6a, Jen07, Ko07, LL05, LL08, 
LLD09, LYB09, Lop07b, LRB05, MIJ09, 
MDMRP09, MYY05, MD08, MCA09, MN07a, 
MO07b, MNMS05, Mus09, NHN07, NWW08, 
Nig07, P106, PT08c, RVM08, Sha05, SA07b, 
SD09, SV06, Sun09, SSMB07, TGB08b, 
VRL07, VK08, WTZ08, XHK +08, YY09, 
ZZZ06, ZLA07, Zha07, ZCL09, AEET09, 
ACR06, Arp07, ABV08, Att05, BXC09, 
BS05, BFT07, BSC09, BGP07, BF09, BS08b, 
BB09b, BM06, Bru08, Bru09, 
CCD09, CJB06, Cas07, Cas05, CMM09].
numerical [CHSW08, CC06b, DMM07, 
DS06, DFFW06, DK06b, FFSS09, FL09b, 
Gug06, GGP09, Ham09, Has09a, HV06a, 
Hat09, HV06b, HY09b, HCK07, HLL08b, 
IT07, JVVvdZ06, Jay07, Kav07, KAP07, 
KT09, LN07a, Li05a, LkLkP09, LS09, 
Lia09, LMD09, LLC06, LM09a, LHL09, 
MV05a, MT05, MG08, Mon07, MS08b, 
NST08, PK09a, Pet07a, Pre08a, QW08, 
RS05a, RDH07, RHQ06, RK08b, SK05, SS05, 
SHK +08, SAD07, Sid05, Sid08, SF08, 
SL06, uIHA09, SD09, SW06b, TRS07, 
UO09, VAO06b, Vik09, Wan07c, Win06, 
XC09, ZL05, Zha08, ZMH09, ZW09c].
Numerically [LCKK06, BKB06, CD07b].
numerics [HZ05]. Numerov [AOSY05, FT08, HV09b, Tsi06, VV07]. 
Numerov-type [FT08]. nutrient [Thi05]. Nyström [Van07a, AMCM05, AMCM06, 
Bar09, DL09a, Van06a].
objective [FY06, JRM09, LY08, YW08, 
Zad09, ZW06a]. objects [DL07b].
Obrechkoff [DWW06, NBS08]. observed [FvZ06, SB09]. observer [YJY06]. obstacle 
[BCK07, Hem06, KS07e, PS07b]. obstacles [Mar07c, Oga06, OA06]. obtain [LB07]. 
obtained [AG09]. obtaining [BCP07, OOM +07]. occasion [VAW07].
ocean [BCK07]. octree [DL07b].
 octree-encoded [DL07b]. odd [CS07a, HCK07, KV05, OZY05]. odd-order 
[OZY05]. oddoids [HCK07]. ODE
[BM07b, HKS07, NBSV08, NMM07, OZL09, SW06b, WIL07]. **ODE-based** [OZL09].

**ODE/DAE** [SW06b]. **ODEs** [Arp07, DS06, ED06, Hos09, HZ05, Jay07, Sav09, Sha07].

**off** [NSK09, VRBF07]. **offset** [LCKK06].

**Oharu** [VAW07]. **Old** [AT07, MMFMG07]. **Oldroyd** [HKA07]. **Olever** [SWZ09].

**One** [Lar08, MH06b, Roi07, CL09b, Co05, DW05, EZ07, EHR09, GKG07, HK07a, Hu05b, JVVvdZ06, JW08b, KGA08, Kho09, LOA05a, MC08, MG08, Osa07, ST05, Sen07, TTZ06, Vio09, Wuo08, Wu08, XHK+08, YYF09, YG09b, ZCS06]. **one-dimensional** [Co05, HK07a, JVVvdZ06, JW08b, KGA08, LOA05a, MG08, ST05, XHK+08, YYF09].

**one-model** [Kho09]. **one-point** [EHR09].

**One-step** [Lar08, Roi07, CL09b, MC08, Vio09].

**one-way** [EZ07, Sen07]. **only** [CDMR07, Fin08, Gao05, Hu05b]. **Onsager** [sR07].

**Open** [Ano05-39, Gug06, CJCD06, EE06, GEK09, MMFMG07, MM06, PV09a].

**open-channel** [MM06]. **operational** [AT09a, BM08a, BS08a, DS08b, Hos09].

**Operator** [Gei09, GGP09, WLMS08, BJ06, Cho05, DSC09, Dai11, Dj07, FL09a, Gei08, HHS05, Kan07, Koz08, LN09, LD06, MJ08b, MS07d, Sch06a, Sha09a, SBO09, Vio09, WH08, WH09a, Xu05a].

**operator-differential** [Vio09].

**Operator-splitting** [Gei09, DSC09, Dai11, Gei08].

**Operators** [EL07, AGM06, AS05c, AHL+05, AU09, ABBM09, Arg07, Ass09a, BNT08, Ba08d, BGG07, CY08c, CS07c, CC05, CN08, CW05, DF08, EFS05, EMM07, FD09, GP07, GPS08, IS09, KIO8, KN06, MJ08b, MY06, PZ08, RS07b, Swa06, WL06a, Xu05b]. **opposite** [DCZ07].

**OPSAFA09** [VGT09].

**optics** [Tor08]. **Optimal** [Ata07, COEV05, CHNZ08, CCS05, DFY09, FW09, HLJ09, KS05b, Liu09c, SAHS09, VCD+08, WCY09, YW08, ABD+05, AZGN06, AVVMV08, BBD06, Bor07, BS08, BG07c, CJCD06, CM07, CY09, CL08, Chr09, CCK06, Gao08, GS06a, GHZ06, GL06, GF08, Hei05, HH07b, HVV09b, HYG08a, KV09b, LP07b, LFS08, LFW09, LH0W08, Mar08, NT06, Pul09, Rie06, Sa06, SCM09, TLQ08, WTZ08, YZ09a].

**Optimality** [Ant09, YW09a, CG08a, Mar07b].

**Optimally** [Fer07]. **optimisation** [McC05]. **Optimization** [BC06, WWP09, Wan09b, AB06, AVMM+06, An09b, AT09c, BRVWM07, BGRS05, BGRS06, BSMT09, BGP09, BG07c, BND09, BT09, CL06b, DEMR08, DS05b, DMZ08, DDL09, EL06, EIM+09, FGB07, GAC+08, GZX09, HL08, HCL08b, JTH05, bJyKyZmT09, bJxC09, KMB09a, KCLW08, KGB+07, LM07, LTH07, LTY08, LPL07, Lin05, LW08a, MZ06, OZ09, QZ08, QZY09, SCS05, SaLJ08, SW08, SG08, Ste07, SP09b, Su05, TF07, TH07, UFG09, VL06, WCH05, WZ07, WFW09, WLY09a, WOK05, XZ08, YW08, YSY09, YY07b, YP08, YLW09b, Zad09, ZW06a, ZW08, ZZZ05, Zha09b, ZZ09b, Zhu05b, Zhu08c, ZTG09, ZAO9].

**Optimized** [FNW06, AS05f, KM09c, LM08].

**optimum** [Tok07]. **option** [HLJ09, Hug06, LAA08, NST08, PLM08, PV09a, ZDC07].

**options** [BF08a, BS08b, CP09a, DDV08, FL08a, KVK08, LO08, LWH09b, Pir09, Sch06b, TGB08a, TGB08b, VDL+06, WKY+07].

**orbit** [SAFS07]. **orbital** [AS05f].

**orbits** [ABP06, ABB+07c, KW07, PRL09]. **Order** [AMCM05, LZG+09, AOSY05, AHS08, ABG06b, ABP06, ABB+07c, SA05e, AGH06, ALR05, ADDM05, BNT08, BJT07, BM06, BRV09, Bor07, BM07b, COEV05, CS06a, CS07a, CM09, CMST06, CN08, CHCW05, CS07d, CP08a, Che08, CL09b, CS05, Chu08, CH09, CMT09, CD07a, CD05, CN08, DSC09, Dai11, DF09, DZ09b, Z�Z09b, Zhu05b, Zhu08c, ZTG09, ZAO9].
DD08, DO06, Dor09, DLG05, Dub09, DG05, 
Dus05, ED06, EG006, EGFOA09, EPS05, 
EB09, EH06, FT08, FWY09, FWZ09, 
FH09a, FJT07, FP07, FSO8, Fin07, FOP05, 
Fra06, FH09c, Ga09, GGG09, Ge08, GO05, 
GPPRB06, GPPRB07, GGT06, GS09, 
GZX09, GX09, GGA08, HCL08a, Has06, 
HYY09, HA05, HRG08, HR05b, HM09b, 
Huy09, Ish07, JKM07, Jia06, JG09, Jia09a, 
JYX07, Jon06, KCK06, Kan08, Kar07, 
Kar09, KT07a, Ki07, KKL090, Ko08a, 
Ko08b, Kom07a, Kom07b]. order 
[Kom08, KHF09, KLW07a, KLW07b, 
Kou08, KLF09, LT07, LT05, LG07, 
Lei08a, LLZ06, LS07b, LW07, LTY08, 
LBS09, LS07c, LZ09c, LJL06, Lm09b, LB09, 
LIW09, LM09b, Lw09d, LB10, Log08, Lu05, 
LJ09, Luo06a, xMz09, MP07, MD09a, 
MY06, MY09, Min05, MO07b, NWW08, 
NMS09, NBS09, NM06, NMS05, 
NM07, OZ05, PS09a, Ped05, Ped09, 
PM05, PRP08, PJ08, PS05, QXF06, Rad05, 
RA07a, RRA07b, RB08, RVAD08, SS05, 
SA05, Sak06, Sal09, ST05, SS09b, SW05, 
SZ08a, SZ09b, SA08a, SF08, SS09d, Sm08, 
SLZA09, SS06c, Su07, Sza08, TRS07, 
TYZ05, TGB08a, TGB08b, TG07, Toc05, 
Toc09, Tsi06, VEE08a, VMM09, VM07, 
Ver06, WYK07, WG06, WTL05, Wan07c, 
Wan07b, WWC07, WGO8, WML08, WYS09, 
WZ09a, WS09, Wei09, WS09b, Wri08, 
XW07b, Xu08, YLSX06, Yan06b, YS07]. 
order [YU07a, YL090, YM07, YL09b, 
YSX08, YW09b, YC09, ZCSS06, ZCL06, 
ZW08, ZFG08, ZGO9, ZLL09, ZW09b, 
ZLL08, Ztu08d]. ordered- [Ki07]. ordered 
[yPH05, YG09a]. Ordering 
[MPZ09, ZGFS08]. orders [RP05]. 
ordinary [BW07b, CHCW05, H006, Ish07, 
Lop07b, NM050, RS05c, TRS07, Vil09]. 
oriented [KMB09a, Koz06]. originated 
[GP08]. Orr [MCA09]. Orthogonal 
[BGVHN05, DP05a, DMGVP05, El06, 
Gau05c, MO05b, Pet08, RAG07, AAN07, 
AB09a, ARN07, AGMMB05, AGRZ06, 
Ask05, BS08a, BDY09, BMS05, BS05, 
BB05, BCGA05b, BCGA05a, BCV+05, 
BDGV05, CJB05, Car05b, CSS09, CV05b, 
CBGV05, CBDGVN07a, CBDGVN07b, 
DSMY06, DMY08, DM05, DG05, D106, 
FP05b, FPP07, Gau05a, GLV05, Gri09, 
GS08, HHR06, Ism05c, IS09, JT09b, Khr05, 
KM06, Kra06, KT09, LYO9, MP08a, 
MS07a, MJ08a, MO09, MB05, MB07b, 
Pet07b, Pie08, RS05b, SRD05, VB05a, 
VB05b, Van08, Vol08, dMFPP07, dMFPP08, 
dMFPP09, vDvFZ09, vDvFZ13]. 
Orthogonality 
[DSZ05, MDSR04, MC05c, Sza05b, CLO09, 
CSS09, CBDGVN07a, CBDGVN07b, 
DS07b, Kok05, CZ07, Ism05b]. 
orthogonalization [ARN07, VS08, YH09a]. 
orthonormal [Liu06]. oscillated [GDA07]. 
oscillating [Gau05a, PS05, ZL08]. 
Oscillation [GX09, HM09b, JLO6b, 
LLZ06, LM09b, OZY05, Sak05, Sak06, 
SZ08a, SZ09b, WTL05, WWC07, XW07b, 
Xu08, XX09, AK07, BV06, CHY05, Li05b, 
Li09a, LB09, LB10, MY08, WWC05, 
Wan07b, WML08, XU05b, ZH05b, Zh08d]. 
oscillator [BS09, JW08a]. oscillators 
[FSW09, Fra05, MD08, OW06a, Van09, 
XU07a, ZZZ09]. Oscillatory 
[HCK07, LZX09, DSO6, GLS07, HC09, 
HV06c, KC07, MC05b, WLM08, XIA07a, 
XIA07b, XW08, YZ09c]. osculatory [HT06]. 
Oseen [TY05]. Ostrowski [KLW07b]. 
other [Art09, FH07, Ter05]. outer 
[AK09, PK07]. outlines [SRB06]. output 
[CX08, LC08b, SS09a, XXL08]. 
overcomplete [WC08]. overestimation 
[RKA07]. Overlapping [Dao07, Bou07a]. 
Oversampling [GHMP09]. overview 
[Sch06b]. 

P. [AGRZ06]. P2Q2Iso2D [BCH06]. 
package [GS07b]. packet [HV06c]. packing 
[Mar07b]. Padé
\[\text{AETE07a, Boy09, DMGVP05, EZ07, GPTT05, GS08, KR08, KSVW07, MV05b, Mat07a, Sab08, TG09, YB05}.\] Padé-type
\[\text{GS08, TG09}.\] PageRank
\[\text{DGR07, LSW09, Wu08}.\] Painlevé
\[\text{Clao05, Nou07}.\] pair
\[\text{FSW09, GM07a, WHG07}.\] pairing
\[\text{Dam05, Dun07}.\] Palá
\[\text{dB05c, dB05b, dB05a}.\] Palá-type
\[\text{CHLW08}.\] palindromic
\[\text{FSL09, SAD07, SyS08}.\] pantograph
\[\text{Dom07, Mil07}.\] para
\[\text{BDGV05}.\] para-orthogonal
\[\text{BG07e, BKB06, JKK06, LCZ08, Min05, PR08a, PW08, RW06, SRW09, Ste07, VK08, WWFV07}.\] PDE-constrained
\[\text{HR09b, RLH09}.\] Peaceman
\[\text{PJ06b}.\] peak
\[\text{AR06, CB07, CHJZ09, EL06, ER07, GVC+08, GH06, HSN09, Hua07, HHZ07, KY07, Par08b, rice06, Sen07, TR07, TR08, WL07}.\] Parametric
\[\text{Din05a, PH09, CLP08, CMS08, FR06, KY06, LBS09, LCZ+08, PK07}.\] parametrization
\[\text{AT09d}.\] Pareto
\[\text{BdWG06, UFG09}.\] Pareto-type
\[\text{CCLS06}.\] part
\[\text{AT09a, Har06, KAC05, Mon09, ZWY09, CH09}.\] Partial
\[\text{Jac06, AETE07a, AMCM05, ABS07, CL09a, DAE05, EMMP07, FP07, FFS09, GGD08, Gei08, GX09, H006, IO06, JKM09, KSS07a, LDM09, Lio08, Mat08, MA08b, MO08, RAG07, SDV06, SCY09, VS08, WCC07, WML08, YZ09c}.\] partially
\[\text{CCM07}.\] Participants
\[\text{Ano05-40, Ano05n}.\] Particle
\[\text{ATF06, ATF07, LW08a, NSK07, WW08, WZS06, YW08}.\] particles
\[\text{Göt05, JKM07, LnLgF09, MM06}.\] partition
\[\text{QDJ06}.\] partitioned
\[\text{TDO6, VDV08}.\] partitioning
\[\text{WO05}.\] partitions
\[\text{BISS05b, PR05, ZW06b}.\] partly
\[\text{LZ05}.\] parts
\[\text{CG08a, Dus05, ER07, PRGPS09, SSV06, Sh05, SFFS08, SFPS09, VMMM09}.\] PCG
\[\text{Kh08, BK06, JK06, LCZ+08, Min05, PR08a, PW08, RW06, SRW09, Ste07, VK08, WWFV07}.\] PDE-based
\[\text{BP09, yCyZ08, yCyZ09}.\] patterned
\[\text{NP07}.\] payments
\[\text{ADGH06, PC, CX08}.\] PCG
\[\text{KK08}.\] PDE
\[\text{BG07e, BK06, JK06, LCZ+08, Min05, PR08a, PW08, RW06, SRW09, Ste07, VK08, WWFV07}.\] PDE-based
\[\text{JJK06, PW08}.\] PDE-constrained
\[\text{BG07e}.\] PDEs
\[\text{BF05, CC09, Har06, JKM09, Lui09, PRGPS09, SSV06, Sha05, SFS08, SFPS09, VMMM09}.\] PDIEs
\[\text{HR09b, RLH09}.\] Peaceman
\[\text{PJ06b}.\] peak
\[\text{WF09}.\] peaks
\[\text{GMFB06}.\] Pearson
\[\text{NK08}.\] Pearson-type
\[\text{NK08}.\] peer
\[\text{WSPJ09, Pel, Kil07}.\] Penalty
\[\text{NST08, BIR09, CG08a, Dus05, ER07,}.\] parameters
FLPA09, GSS07, GNP09, GBR09, LXSH09, LHW08, XSP09, ZLY09.

penalty-function-free [XSP09].

penalty-projection [FLPA09]. AIDS [CLGG09]. ALE [SST09], conservative [Mat08]. DAE [SW06b]. Darcy [CMX09].

FVM [MSTT08]. Korteweg [DA08]. or [Fin08]. PCR [MMS09]. Runge [Han07].

SE [QW06]. surfaces [MCD06]. vector [And09b]. write [ACV05]. pencil [KV09a].

pencils [CG08b]. pendulum [CBH07]. penetration [DHS09]. Penrose [TA09].

perceptions [AS09a]. perfect [eMH05]. perfectly [ZKSS06]. performance [CCD09, Eds09, LWH09a, MV05a, Oou08, RDH07, Rom09, Val09]. performances [DL05, WY07, WYW08].

Period [AD09, LLS09, ZH09b]. Periodic [CX07, FWZ09, IL05, LS06b, LS07c, LTM08, Liu08a, Liu09d, ML09, SWY09, SP06b, ST07, WSM09, XW06, YS07, ABP06, ABR07c, KB09b, COE05, CJCD07, CCCH09, CX06, CMRS06, Coj09, DWW06, DC09b, FWY09, HCS05, Han05, HWY09, LW05b, LH05a, LH05b, LC06a, LF07a, LW07, LD08, LH08b, LC09a, LC06b, Liu07, LH07a, Liu09a, LJO9, MN05, MLH08, NPT09, Oga06, OA06, PRL09, PP05, RR06, SG05, Sha09b, SO05, TSC10, WW07, WSO9b, WL07, YC05, YG09a, YL09, ZCS06, ZG09, ZT07, ZL07, ZS09, Zho09b].


Permanence [CS07b, CT05, LCH09, LOZ08, LL07a, SMT07, TCS06, WJS09].

Permutation [KS06]. permutations [VC06]. Perron [AAZ06, HYG08b].

Persistence [KBB05, TR06]. perspective [Cal07, dMFP08]. Perturbation [WCW09, AHM08, AD05, BF08b, Cen08, CL06c, DC09b, ED06, FH09, GS07a, Hoo08, Jia06, Li08, Li09a, LP06a, Tem07, VAO06b, Vul07, XDW05, Yan06b].

perturbations [Coj09, DW05, Du07a, WZ09b, ZL09].

Perturbed [LS07a, ABS07, Att05, FSW09, Fra05, GY08, GC06, HR09a, KGA08, KM09c, LC06a, Lin05, LS05, MSE08, MN07a, MS07c, OS07c, RO05, St05a, St08, TR07, TR08, Van09, XWZH09, YZ09b, ZC08b].

Petrovsky [MDMRP09]. phase [BLR07].

Phase [Van07b, Ahm07, DK06a, ET08, ER09, HSO7b, HCK07, LW07, Min05, SS05, TTZ06, TK07, WT07, WZH06]. phase-field [TTZ06]. Phase-fitted [Van07b]. phase-lag [LW07, SS05]. phase-transforming [DK06a]. phases [CTK09]. phenomenon [BMW08]. phi [MPP07]. phi-divergence [MPP07]. Philos [XL07]. Philos-type [XL07]. photogravitational [PRL09].

Photos [Ano07o]. Physical [HHZ07, Lai09a, PS07b]. phytoplankton [Thi05, THS05]. phyttoplankton-nutrient [Thi05]. PIC [AT09a]. Pick [Ped05].

PIDES [May08]. Piecewise [Han06, ABET08, And08, BS08a, BnAR08, ED06, EMP08, GGR08, HV05, KD06, LY09, Mu06b, Wan08b, YL09, ZW06a, ZW08].

piecewise-linear [ZW06a, ZW08]. pile [MD08]. pipe [BeMBH06]. pipes [BG07c, BGG08]. PIRK [CX08].

PIRK-type [CX08]. Piscounov [MDMRP09]. Pitaeavskii [Wan07a]. Pitfalls [DFFW06]. Pitoli [PS08]. pivoting [CP07].

pixel [BBM07]. Planar [GM07a, Rho05, AD09, DL09b, EM07, FH07, MW08, Oga06, SRB06, ZC06]. Planck [Hsu05, WOS08]. Plane [PD06, CG08a, DSMY06, LWYT06, Li06b, Lu09a, MH08].

planetary [LB07]. plankton [CLCL07, LC06b]. planning [LLS09]. plant [KOS07]. plasma [CC06b, Dem07a, LmLgF09]. plastic [AYK09, KBSK08, NT08]. plasticity [LLM08]. plate [Bou07b, CYM08, HeM05, Kas06, KS05b, PSV08, RR08a].
plate-membrane [KS05b]. plates [CC07, HGS08, XKF06], plotting [SLMW06]. plus [VMV07]. PML [HK07a].

Poincaré [Gin05, SSMB07]. Point [FR06, PPR07, AHC05, Bao09, BS09b, CM05b, CMST06, CY08c, CY08b, CAHAY09, CHCW05, CS07c, CWW08, Cho08, Cin09, CN07, CG07, DS09a, DGP05, DLG05, EST07a, EHR09, Fan09, Fin07, FKM05, GPTT05, GSBB09, GJL08, HY09a, Han08, HJK09, He05, HL09a, HVV09b, Hon07, Htu05b, HWL09, Jan08, JG09, Ji09a, JG09, JR08, Kar07, KK09a, LP07b, LZ08a, LZ08b, Lz09b, LZ09c, LZW09, LLW09, Lu07, xMzY09, MW08, MW09c, MD09a, MN07a, Moh05, Ned08, NB06, PVC06, QC09b, SVC09, Sal09, SS09b, SHC08, SJ09, Sun08, SLZA09, WCL08, Wan09b, WB09, Wei09, Won09b, WKJ06, YNO8, Yas07, Zha09a, ZCL06, ZG09a, ZC08a]. Point-based [FR06]. points [Bla05, Boy09, CDV08, EFP06, HE06b, Huy09, KKL06, KSS07b, Nke05, Par07a, Pet07b, Thi09, TMG09, WC08, Xia07a, Yan06b, ZTY07]. pointset [TK07]. Pointwise [DJ05, DD06, PPL09]. posed [CJ07, Zad05]. Poisson [CC07, CMRS06, E206, Hsu05, KK09c, KW09, LLL06, LT07, LC08c, MG07, Nke05, SS06c, Wac05]. Poisson-type [KW09]. Point [JW08a]. Pole [SHK+08, AM09b, CMRS06]. Poles [Par07b, Bla05, BVGH05, SHB05]. policy [KCT09, KL08a, WEP09]. Polaczek [FL08, ZZ06b]. pollutants [AM007, AM008]. polluted [AVDMS06]. pollution [GM06]. Pólya [DC09a].

poly crystalline [MPX06]. polyethylene [HKB+05]. poly gamma [BHJ05, Cof05]. polygonal [BN08a, BFP09, GS06c, SDV07, Wat07, YG07, ZZ07, ZK06]. polygons [ACWL07, LLD09]. polyharmonic [Ros08]. polyhedra [ZW06a]. polyhedral [KK09c]. poly hexes [Rho05]. polydiamonds [Rho05]. Polynomial [CD07b, Gin05, WB09, BB07, Cao08, CDL05, EIM+09, FL09a, FP005, GGT07, GGM06, GS07c, Gr09, GS06b, Han05, Han06, HCK07, Is05c, Jar09, KLO08, Last09, PIP07, PPR07, Pet09b, Pet08, RAG07, SLMW06, STB09, Sza05a, Tay08, VV09b, WT08, XW09, YAO7, YWH05a, YWH05b].

polynomial-like [KLO08]. polynomial-time [EIM+09]. polynomials [Abb07b, AAN07, AN06, ABO9a, AGM05, AGR06, Ask05, BS06, BMS05, BS05, BB07b, BCGA05b, BCG05a, BCG07d, BCG+05, BGD05, BA05b, Car05b, Cla05, CEF08, CDL05, CSSL09, CV05b, CS09b, CBG05v, CBGD05a, CBGD05b, DJ05, DSY05, DRY05, DO08, DM05, DMP05, DC09a, DR09, DA06, Dom09, DJ07b, DJ09, DG05, DJ06, E1L06, EKJ+07, FDC05, FP005a, FP007, FL08, GM09a, Gau05a, Gau05c, GU08, GLV05, GDA07, GPS08, GS08, GNS06, HH06, IS09, JT09b, Khr05, KK05, KA08, KM06, Koo07, KV05, Kra06, KM05, KT09, LW06a, Lin07, Lu09b, MP08a, MDT07, MMF07, MS07a, MDS04, Mat06, MBA09, MOC09, MC05b, MC05c, MB05, MB07b, Müh06b, OS07a, Par09b, Pet07b, Pet08, Pie08, PV05]. polynomials [SR07, RS05b, RK08b, SRD05, SL05, Sra07, Skr05, St08, Sza05b, Tor08, VZ08, Vol08, Win06, WA08, Win05, ZZ06b, dMFP07, dMFP08, dMFP09, vD05, vDvF09, vDvF13]. polyominoes [GZ05, Rho05]. Population [LM09, DJ06, DJ07a, IV07, KOS07, KS09, LST06, LH05b, LkLkP09, Lin08, MwMV06, MK05, RW06, RHQ06, SFSK07, Siv09, SP06b, TCMS06, WZ06, WFO9, ZH08]. populations [BLR07, MPZ09, Tac07]. poroelastic [BSK07]. porous [BeMBH06, CMX09, CO05, Cui07, EKEHR08, GS07a, HAO08, MPO6a, SY09]. porous-saturated [HOO8]. Portfolio [CHS07, QLJ09, CT09b, Hua08, HO09].
Portfolios [Ver08]. posed
[AR09b, BR07a, Cal07, LHW07, MRSZ06, MRSZ07, RS08b, WHL08, WH09a].
posedness [HL08]. posets [DK05].
position [YSK09]. Positive
[BDGV05, DK06b, FJJ08, HY09a, LH05b, LZZ09, LC06b, MLH08, SS09b, SLZA09,
WW07, WS09b, XXL08, Zha09a, BW06, CX06, CGP07, DL09c, GT09, GJL08,
HJK09, He05, Hon07, HC08, Hon08, HS08c, Iva06, JG09, Jia09a, Ko07, Kar09, KMB09b,
LW05b, LH05a, LF07a, LA08, L08b, LZ09b, LZ09c, LZW09, LHL11,
MD09a, Mål07, NM06, yPESlZ07, RT08,
RT09, RH06, SCH08, SZ08a, SZ09b, Sun08,
SL08, TV07, Th05, Wei09, Yan06d, Yas07,
ZFG08, ZC08a]. Positivity [HS08c, KS05a].
Positivity-preserving [HS08c].
positone [Zha09a]. possibilistic
[CT09a, JRM09, Sp09a]. posteriori
[BG07a, CS07c, CL08, CN08, E06,
EPP+09, FH09b, K07d, Kor06, KHK08,
LY07b, PIP07, YZ09a]. Postprocessing
[ALR05]. potential [BE07, Cha08, CCCH09,
FG09, G07c, KKS+07, XHW07, YZ09d].
potentially [BLR07]. potentials
[AKLT09, BBB07, Ehr06, LC08c, TX07].
Poussin [MT05]. Powell
[BFG08b, MB06, SD06, SDV07, VB05].
power
[BIR09, GW08, HHST05, TLQ08, V06].
power-law [BIR09, GW08]. powers [Ber07].
practical [LZ09d, ZS05]. pre [AA08, Ant08].
pre-processing [AA08]. precise [SAFS07].
precision [Par09c]. Preconditioned
[Cal07, WS09a, WL09a, YH09a, Yun08b,
ZSWL09, Deu07, Li05c, Li05d, tLxLW07,
LC09b, NKM08, WHF07, WI09].
preconditioner [Deu09, GH08, HWL09,
KN09, KT07b, MN07b, RH06, STB09].
Preconditioners [DBR08, BW06, BDY09,
HL07a, LRT06, S06b, SCY09, Wan09b].
Preconditioning [CM09, EM08b, BGP07,
prism [YLC09]. prismatic [HKV09].
privacy [KLS+07]. Probabilistic [DS05c, AS05c]. probabilities [DD07, LP09, MPP09]. probability [Bn07, DIKZ07, GA09, KKL, PDW08, ZLA07].

Problem [Ber05, Chi05, Ism05a, Ism05b, Xu05b, dBo5c, AYK09, AT07, AOSY05, AH07, AR06, AS05d, AD05, ABP08, Bog05a, Bog05b, BHZ07b, BJo6, Bou07a, BNP08, BFF09, BMF09, BVHN08, CD05, CCM07, CFv06, CYO9, Cen08, CS06b, CCG07, CYZ09, CJO09a, CHCW05, CL06b, CCH06, CS07d, CP08a, CLA09, CU09b, Cop05, Cui07, CG07, Cui08, Dan06, DS08, DGR07, DLG05, DL09b, DMZ08, Ehr06, EEG08, EM09, EMP08, FI07, FY06, FGG08, GKM07, GA09, GEK09, GHZ06, Gou06, GSBB09, GBRO09, Han09, HKV09, HLN06, HTS09, HAS09b, HHA07, HCL08b, HV06b, Her09, Hoc08, HLY09, Jia06, JZ0W08, KGA08, Kar07, Kar09, KCK09, KKO09c, KKO09d, KOy07, KOy09, Kro05, KMK05, KKD06, LP07a, LSS09, LL08, LRV09, LS07b, xLHfZ08, LZWQ09, LS07c, Liat05, LDM09, LM09a, Lin09b, LF07b, LS05, LH0W08].

problem [Mai08b, Marn07a, MP08b, MD09a, NT08, NMS05, NM07, OS07b, OW06b, PRL09, PP09, Piel08, Pu09, QP06, QWS09, RW09, Sa09, SDF09, SZD09, SFSc07, Shi07, SO05, SS09e, Sn08, SS07, Tem07, TR07, TR08, TY05, Tur06, VRBF07, WYL08, WC09, WB09, WMN05, WN08, Wt08, XZZ09, YM08, ZY09a, Yan06b, YJGL07, YXJ08, YW09a, YD09a, YKS09, ZJW08, ZL09, Zhou09a, ZA09, Zud09].

problems [eMh06b, AUY06, AB06a, AV06, ADF07, AHC05, AZGN06, AAB08, AB06, AS07, All06, AM09b, AR09b, AS05f, AGH06, ALRO05, Ano05-39, AK09, Ant09, ABR07, Att05, AB09b, BNO0a, BR07a, BMFX07, BBF07, BLW06, BGR06, BT08, BB06, BR07b, Bi08a, BV06, BBS07, BGP09, BIR09, BR07, BS08, BMM06, BM07b, BG07f, BK08, BS08, BK06, CG08a, CA07, CJ06, CM07, CFF06, CKW07, Car06, CMST06, CY08b, CAHAY09, Cha07, Cha08, CC05, CW08b, CL08, CWW08, CGP09, Che09, CNN07, Cho08, Ch05, Ch09, CCK06, CHW08, CW08d, DWW06, DKH0Z08, Do08, Don09, DJ07a, DT06b, DBG07, DBR08, EE06, EM08b, EGFOA09, EPP0+9, F09, FH09b, Fin07, FL07, FN0W06, FOP05, FK05, FP05b, FP08a, FP08b, GAC0+, GGG09, G09, GP07, GMM09, G09, GKM09]. problems [GGM06, GAD07, GRB05, GPPR06, GPPR07, GLO06, G06, GZ09, GN09, GJL08, H09a, Han08, HV06a, HYF05, He05, HK08, H07b, HCP08, HK07b, HO06, HV09b, Hon07, How09b, HHC09, H0Y05, H06e, H06d, H06b, HER09, Hoc08, HLY09, Jia06, JZ0W08, KGA08, Kar07, Kar09, KCK09, KKO09c, Koh08, KOy07, KOy09, Kro05, KMK05, KKD06, LP07a, LSS09, LL08, LRV09, LS07b, xLHfZ08, LZWQ09, LS07c, Liat05, LDM09, LM09a, Lin09b, LF07b, LS05, LH0W08].

problems [Mai08b, Mar07a, MP08b, MD09a, NT08, NMS05, NM07, OS07b, OW06b, PRL09, PP09, Pie08, Pu09, QF06, QWS09, RW09, Sa09, SDF09, SZD09, SFSc07, Shi07, SO05, SS09e, Sn08, SS07, Tem07, TR07, TR08, TY05, Tur06, VRBF07, WYL08, WC09, WB09, WMN05, WN08, Wt08, XZZ09, YM08, ZY09a, Yan06b, YJGL07, YXJ08, YW09a, YD09a, YKS09, ZJW08, ZL09, Zhou09a, ZA09, Zud09].

problems [eMh06b, AUY06, AB06a, AV06, ADF07, AHC05, AZGN06, AAB08, AB06, AS07, All06, AM09b, AR09b, AS05f, AGH06, ALRO05, Ano05-39, AK09, Ant09, ABR07, Att05, AB09b, BNO0a, BR07a, BMFX07, BBF07, BLW06, BGR06, BT08, BB06, BR07b, Bi08a, BV06, BBS07, BGP09, BIR09, BR07, BS08, BMM06, BM07b, BG07f, BK08, BS08, BK06, CG08a, CA07, CJ06, CM07, CFF06, CKW07, Car06, CMST06, CY08b, CAHAY09, Cha07, Cha08, CC05, CW08b, CL08, CWW08, CGP09, Che09, CNN07, Cho08, Ch05, Ch09, CCK06, CHW08, CW08d, DWW06, DKH0Z08, Do08, Don09, DJ07a, DT06b, DBG07, DBR08, EE06, EM08b, EGFOA09, EPP0+9, F09, FH09b, Fin07, FL07, FN0W06, FOP05, FK05, FP05b, FP08a, FP08b, GAC0+, GGG09, G09, GP07, GMM09, G09, GKM09]. problems [GGM06, GAD07, GRB05, GPPR06, GPPR07, GLO06, G06, GZ09, GN09, GJL08, H09a, Han08, HV06a, HYF05, He05, HK08, H07b, HCP08, HK07b, HO06, HV09b, Hon07, How09b, HHC09, H0Y05, H06e, H06d, H06b, HER09, Hoc08, HLY09, Jia06, JZ0W08, KGA08, Kar07, Kar09, KCK09, KKO09c, Koh08, KOy07, KOy09, Kro05, KMK05, KKD06, LP07a, LSS09, LL08, LRV09, LS07b, xLHfZ08, LZWQ09, LS07c, Liat05, LDM09, LM09a, Lin09b, LF07b, LS05, LH0W08].
YH09a, Yu06, YD08, YCJ09, ZAVS09, Zar09, Zha09a, Zha05, ZCL06, ZZZ08, ZW09a, Zha09b, ZC08a, ZLL08, Zho06, ZW09d, ZCL09, ZSWL09, ZC08b, ZKSS06. procedure [UHNC09]. procedures [GRL09]. Proceedings [VGT09]. Procesi [ZCH07]. process [AHM09, AGM09, AMV06, ACQ09, BRVWM07, BS06, FvZ06, KRAH07, Kom08, LWS09, MGV07, PPG07, RH06, SACJ09, Tem09, ZLL08, Zho06, ZW09d, ZCL09, ZSWL09, ZC08b, ZKSS06]. processes [AR09a, AI06, ACV05, Chr05, DGS06, EMP08, EHR09, GH06, Gia06, GLV05, GM09b, Gri09, HR09b, Kas09, KSO6, LL08, LXXH09, Mar08, MSTT08, RKAH07, RLH09, YW09a]. processing [AA08, HT06]. produce [MS05b]. produced [CU09a]. Product [KMB09b, And09b, DP08a, Gar07a, GN09, Hoc08, KJ09, Lu09a, NK08, RS05b, Rza09, TG09, XDW05]. Product-type [KMB09b]. production [HKB +05, LLS09, ZMAZ09]. products [FFK05, LWH09a, Ped05]. Professor [VAW07]. profiles [SBK07]. programming [AHS08, AH07, Ant08, Ant09, CW08c, CL09b, Fan09, Hua07, Jay08, JK09, LWY06, LXUK06, LW08c, MW09a, MSA09, MPR07, PR08b, SaLJ08, SCM09, TJ08, TLQ08, VRSS08, Ver08, XZZ09, XP09, Yu06, YXF07, ZMAZ09, ZW09d, Zhu05c, Zhu08b, Zhu08c, ZF09]. programs [CS09a]. progress [DW06b, Ela09a]. progressive [KG09]. progressively [LWH09a]. project [AG09]. Projected [BY09, Pul09, WLY05]. projection [Bno07a, CLN09, DD07, FLPA09, He06a, Vin09, ZZZ06a]. projection-difference [Vin09]. projections [GU08, WS08]. projective [LG07, Par08b, Zhu05b]. projectors [ARN07, LMS08b]. prolate [KM09a]. proof [CS09b, CBH07, Wat09, ZWF09]. proofreading [CG05]. proofs [Sch07a]. propagation [DK06a, DDL07, Li07a, Pre09, WDC +08]. proper [LYZ09]. Properties [HHC09, HL09c, Mat07a, BH09, BCGA05b, BDS08, BJSS06, CFL05, Cin08, Co09b, DSZ05, GG09a, HL09, KYF05a, KYF05b, KS05a, LS06a, Lu09a, Li08a, LF08, Mon09, MS06b, NS09b, Pie09, PS07b, Sav08, Sch05, WLY05, WTL05, WWWF09, XFG06, YTM07, Zho08]. property [FL09a, Gu07]. proportional [Men09]. proportionality [CGPM08]. proposed [WYL08]. protocols [ABD +05]. prove [OS07c]. Proving [FHL07]. proximal [C08a, C08c, Han08, KBA09, NB06, YN08]. proximal-point [NB06]. proximal-point-based [Han08]. proxy [XC06]. Prüfer [BBB07]. pruning [HJR07]. Pseudo [Ass09a, ACQ09, CLM06, CAHAY09, CP09b, KC056]. pseudo-contraction [CAHAY09]. pseudo-contractive [ACQ09]. Pseudo-differential [Ass09a]. pseudo-parabolic [CP09b]. pseudo-spherical [KCS06]. pseudo-symplecticity [CLM06]. pseudococontractive [BS09c]. pseudohyperbolic [GRL09]. pseudomonotone [C08a, LH09]. pseudorandom [Kan05]. Pseudospectra [GW06a, DW06a, Gra06, WM08]. pseudospectral [BD06, GH08, GW06b, Koz09, OS06a, TL09]. pulse [BM08a, WJS +09]. pulsed [KD05]. pump [HS07b]. purification [AVMMS +06]. pyramid [ABT06]. Pythagorean [KL08b]. Pythagorean-hodograph [KL08b]. qd [AM09b]. qd-algorithm [AM09b]. QP [bJyKyZmT09, ZL09a]. QP-free [ZL09a]. quad [NQDJ06]. quad-tree [NQDJ06]. quadrangular [YLC09]. quadratic [Abb07b, ABG06b, CW08c, DL05, DL08a, DZLL06, FL09a, Han05, Hei05, Kuz08, Lan08b, Lan08a, Lin09a, LyHZ08, Par05c, TJ08, ZZZ09, YLC09, Zhu05c, Zhu08b, Zhu08c, dS07a]. quadratically [TJ08].
Quadrature
[BP09, BDGV09, ELA09b, HS07a, MS06a, SH09, BC08, BDGV05, CE09, CV05b, CBDGVN07a, CBDGVN07b, DJ08, Gon09b, HS05, HV05, Huy09, JR07, KAC05, Kim05, pLT07, MJ08b, MCA09, MC05a, MC05b, NSL07, OMV09, Oou08, SL05, Shao8, WeRo07, Xia05, Xia07a, Xi08, Yan05, Yu06].
quadratures [ADdM05, KK06, MS05a, MS07b, MSP08, MSP09].
quadrilateral [CJ06, EM08a, LW06b, LLD09, Zha07].
quadrilaterals [GHT06].
Qualitative [CHL09, WPC08, Cak07, FDFL07, Zho09b].
quality [DW06b, TMOG07].
qualocation [MNP08].
quantification [SV07a].
quantiles [MR09].
Quantitative [BG07e, NS09b].
quantities [GM06, Kor06].
quantized [NBSV08].
Quasi [CHL09, WPC08, Cak07, FDFL07, Zho09b].
quasi-Cauchy [HLF09].
quasi-consistent [Kul09].
quasi-equilibrium [LCA07].
quasi-integer [LMS08b, Sza08, BRIP09, BI05a, BI05b, BK08, CHW09, DL05, DL05a, DF07, Din05a, Din05b, DF08, FD09, FL09a, HLF09, Ka06, Ku09, LCA07, MW09b, SVC09, SZ08b, WL06a, YOY07, Yan06d].
quasi-Cauchy [HLF09].
quasi-consistent [Kul09].
quasi-equilibrium [LCA07].
quasi-interpolants
[BRIP09, BI05a, BI05b, DL05a].
quasi-interpolating [DL05].
Quasi-interpolation
[MS08b, BRIP09, CHW09, FL09a, MW09b, WL06a].
quasi-linear [Yan06d].
quasi-metric
[SVC09].
quasi-Newton
[BK08, DF07, YOY07].
quasi-solutions
[Sza08].
quasi-static
[SZ08b].
quasi-variational
[Din05a, DF08].
quasi-variational-like
[Din05b, FD09, Ka06].
quasiconmutators
[BGGC07].
quasiconvex
[CS06b].
quasilinear
[Dol08, Luo06a, Tat06, Vul07, Yao09].
quasilinearization
[EGO06].
quasistatic
[CFV06, CHSW08].
quasivariational
[ZZ08b].
quaternion
[JZW08].
quenching
[Fer09, Rob07].
queue
[AA09b, KL08a, TY08, WW09, W07b].
queueing [ET08].
queues [GEK09].
QuickSort
[SVC09].
quincunx
[ABT06].
quintic
[BM07a, C06, CMS08, DS06].
R
[LHW07, LM08].
Rachford
[CP06b].
radar
[RCR05].
Radau
[JB09, MS08, PRG09].
radial
[BE07, CP09c, DRT09, DS09b, DT06, FT05, HC08, JAE09, LA08, PLM08, RB05, SS05, Sch08, YXY06].
radially
[AV06, Mn07a].
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radially
[AV06, Mn07a].
radiation
[AE07, Sea07, GZ06].
radiative
[A06, MN07a].
radiation
[AE07, Sea07, GZ06].
radiative
[R06].
Radon
[ GU08, vdBHPS07].
Raman
[CC06b].
Ramanujan
[Mi07, RVK05, RV05, VK06].
Random
[HSN09, ARG08, ADG06, AAR09, CHB07, CK08, D09, DI07, Hui05, J09, K05, KL09, Lin09a, SB09, ST05, Tan06, Tar09, TL07, WW09, Wik08].
randomness
[Hat09].
range
[ABB07d, LyGJ06, LP06b, PS07b, W01].
Rank
[DV06a, TS06b, CS09a, DKH08, DV08a, DV08b, GX05, G07, HSL08, LLZ08, TM09, Wu08].
rank-deficient
[DKH08].
rank-one
[Wu08].
rank-revealing
[LLZ08].
Ranking
[WW08, W09b].
RANS
[GW08].
Rao
[DSMY06, Men09, Mi07].
Rapid
[RB05, May08].
rapidly
[ZZ08].
Rashba
[MI08].
Rassias
[Par05].
rate
[BS07, HHL09, K10, Lus07, SMT07].
rates
[Chr05, DP05b, DC09c, HK07b, LHY07].
ratio
[AS05a, FL06a, LCH09, XGM09].
ratio-dependent
[FL06a, LCH09, XGM09].
Rational
[A09, Mag09, PT09a, SWZ09].
Rational
[DA05, BGVHN05, BGVHN08, CR09, Cla05, DZ06, DZZT07, FO05, FKL05, GM09a].
Gon09b, GM07a, GMFB06, HT06, HW07, HS08c, Joh05, LP06b, MDR04, MC05c, PR07, SFV09, SH06, VB05a, VB05b, WT08, Waz07b, XW09, ZM009a, ZT06b, ZZ06c.

rationality [AS09a], Rationalized [RA07]. rationing [BK09a], ratios [SDP09, Soh05].

Rationalized [RA07]. rationing [BK09a], ratios [SDP09, Soh05].

Raviart [BR07b, CY09, Jen07], ray [Dom09]. Rayleigh [HWY09, LH08b, ZT07]. Rayleigh-type [LH08b]. Razumikhin [FL09d]. Razumikhin-type [FL09d].

RCMS [DS06]. re [DESC07, NMS09]. re-blurring [DESC07], re-scaling [NMS09].

reactor [HKB+05, NGS05]. read [ACV05]. read/write [ACV05].

real [AD´O07, BGVHN05, CDM07a, CDL05, CDMR07, CDM07b, GPTT05, Kam07, LL07b, Pet08, SHC08, Tab07, XXL08].

Reality [XHW07, Lig09]. realization [HV06a, ZKSS06]. reciprocal [CMRS06]. reconfigurable [KDH08]. reconstruction [ABB+07d, GHPV09, HHZ07, KY07, KS07e, PLGS09, YM08]. reconstructions [PS07b]. Recovering [FI07]. Recovery [LY07b, FZ09, YZ09d].

rectangular [BFGM06, DL08a, KS05b]. Recurrence [KV05, PG07, HM08, KT09, MP08a, Maz08, ZYD07]. recurrences [BM06, FFK05, KT07a]. recurrent [LH07a, LGYH09, Sha09b]. recursion [AD007]. recursions [GW09, GST06, Zud05]. Recursive [LMS08a, As05, BSST08, Han09, Lur08, MV08, MST05, Tan06, VW06, Wik08, ZSZ05]. reduce [CS09a]. Reduced [LT05, CU09b, LYZ09, MN07b, Pir09].

Reduced-order-based [LT05]. Reduction [BM08, RKAH07, AG06, AMCM05, CK09a, GP07, HNS09, HW08, KS07a, KA08, LBS09, LW08b, Lu09b, Tsi06, Wil07].

redundancy [GBR09, WW09]. reference [HGS06, ZSGF09]. Refinable [CJ06, GPS08, HKZ09, San08]. refined [GW06b, LN07b]. refinement [AG06, AKK06, BKB06, DVCH06, HAS09b, HK08, Ker09]. reflection [GS06a].

Reflectionless [Sim07]. reflexive [yPyH207, Sal09, Zho06].

reformulation [CP08a]. refraction [GS06a]. refuge [Kar06]. regime [FPS08, LJM09]. region [CU09b, MLY07, OZL09, QZ08, QZY09, SS09c, SG08, SX09, SP09b, TB09, YLW09a, Zho09a, Zhu05a]. regional [BB09a].

And08, BDHW07, CB07, Lin07, Wat07, WN08]. registrations [TM08]. regression [Hu05a, MPP09, ZLLW08].

Regular [Bin07, AM09b, BS07, BS08, CM07, CDL05, Gao05, May07, PS07a, PR05].

Regularity [Cim08, LN09, BGJ07, GS06c, PV09a].

regularization [BJ07b, CDM07a, CP08b, DD06, DFY09, GG09b, LR09, QWS09, RH09, TQA06].

Regularized [Est07b, Yam08]. regularly [Gal06]. regulator [BC09a].

regulator-insurer [BC09a]. regulatory [HBS+07, TBBC07].

Reinsurance [LT06a].

Reissner [Sur05, XKF06]. related [Art09, Chr05, Cof05, Cof09a, DSZ05, EMP08, FK05, Gau05a, GLV05, JT09b, LW08d, MP08a, MC05b, Ped05, ZZ08b].

relation [AGMMB05, Ext99, HLF09, Koo07, MS07a, Mil06]. relations [AM09a, AD007].

relationships [LW08d]. relative [WC07]. relativistic [AT09d, Rui05, Sie07a].

Relaxation [DP08b, vdB09, DAO07, MV08, Mur07, TV09b, WH09b]. relaxed [Ban05, CAY09, CHJZ09, bJyKyZmT09, Kho09, LWT06].

reliability [GBR09, KK09b]. reliable [KL08a]. Rellich
Relocation [DBE07]. remainder [MSP08, XC09].
remark [GRL09, Pet09a, RKK07].
Remarks
[KS07d, MC05c, RLX08, Dom07, OS09].
removal [DMM07]. reload [BF08a].
removals [Yi09].
renewal [AI06, DWY09, LWS09, MGV07].
repair [CKT09, WCY09]. repeated
[GM06]. repertoires [Meh05].
report [Ela09a]. Representation
[BXC09, WLL06, AGRZ05, DM07b, HW07, sR07, SCG08, Sza05a, TD06, YL09a].
Representations [vDvFZ09, vDvFZ13, ARN07, Cofo8, CJ09b, KT07a].
representing [Lut07]. reproducible
[CHW09, CG07, XZS07, XHK+08, Zho08].
reproduction [FL09a]. Research
[WWW+08]. researches [LWC+06, Wan08b].
residual [DD08, RVAD08, SSZ09]. resilience
[YJY06]. Resolution
[PP08, BCP07, LYT07]. Resolving
[XT06a, AG09, Vu07]. resonance
[DLG05, SV07a]. resource [LL07a, YW08].
respect
[Gau05a, Gei09, MM09, RS05b, Ter05].
respiratory [LH05a]. response
[FS07, ICW+09, LCH09, LCT06, RMKA05, ZAV09]. responses [Wod05]. restart
[BJK09]. restoration
[BJ07b, GG09b, LNL09, SRW09]. restricted
[LP06b, Nov08]. restricted-denominator
[Nov08]. restriction [WLL09]. restrictions
[Gon06]. Restrictive [BW06]. result
[Cim09, VB05b]. resulting [WZ06]. results
[AT07, AGRZ06, AT08c, BJS08, B108b, Cam08, CHCW05, CCH06, CJ09b, CdAHBR06, HLX06, H07, JH08a, Le08b, Li05c, LH08b, LunLFG09, LH07a, Rob07, VB05c, WHF07]. retarded [ZT07].
园EXTRACTED [Wan09a, WYO09]. retrial
[AA09b, CK09b, Stk09, WKO7b]. retrieval
[ZLDIST09]. returns
[CT09b, LZWQ09, SdJMH09, Ver08].
revealing [LLZ08]. reverse
[SCM09, WYS09]. revisited [GH09].
Reynolds [ACV05, CMM09]. RFLP
[MMS+09]. RFLP/PCR [MMS+09].
rheology [NT08]. Riccati [Abbo7b, DSW08, Guo06, Lut07, Mag09, RO05].
Richardson [CLN09, FHZ09].
Richardson-extrapolated [FHZ09]. Ridge
[HA05a, Ism07]. ridges [MOZ07]. Riemann
[Abbo7a, BMF09, Dun06, KM05, Pie08, WMN05, WN08]. Riemannian [JL06].
Riesz [KSS07b, MB06, TV09a, TX07]. right
[CHSW08, GQ09a, LH09a, Won08, YLC09, DS06]. right-hand
[CHSW08, QG09a]. rigid
[CFS09, XZS07]. rigorous [JT09a].
Risk [AS09a, GD09, KG09, CHS07, Den09, DWY09, FWO9, GW09, LSH09, VCD+08, YZ09b, ZLY09]. risks [HG09]. Rival
[ABB07e]. RK [CLM06, Pre09]. RKGL
[Pre08a]. RKHS [GC09]. RLW
[DS06, uHHA09]. road [BN07, NL05].
Robin [CHY05, FZ09, YF09]. Robust
[CT09b, HW5L05, Kan08, TR08, AT09b, ABS07, DW06b, FSW09, GSW07, HGS06, MZO08, PT08b, Sin08, TND+09, WGO9, YY07c, ZAV09, dS07a]. rock
[LP07c, MSTT08]. RODAS [Saw09].
Rodrigues [AGRZ05]. role
[CMST06, CSG05, MP07]. roofs
[CDN06]. root [Boy09, Dub09, HYGO08, Lan08b, Lan08a, LL07b, PRP08, RP09].
root-solvers [RP09]. Rooted [Koi05].
roots [Eig07, HR05a, Hom09, RV05, RK08b, VLR08, ZZ07, dB05b]. Rössler
[NLH07]. rotating
[Wan07]. rotational
[TY07b]. rough
[CWMT07]. round
[VRBF07].
round-off
[VRBF07]. routing
[EM09]. ruin
[LP09]. Rule
[Eig07, CE09, EFP06, HS07a, KAC05, MO05a, SH09, Tar09, ZYW09]. rules
[Gar07a, Huy09, JR07, Kin05, KCO7, KV09a, MJ08b, MC05b, MS06a, OM09, Rza09, Sin09, Zin05]. Rum [OTOR07].
Runge
[Van07a, AM09a, AMCM05, AMCM06, AS05f, BJO7a, BJO8, BH07a, BH09, CGPM08,
CFMR08, CFMR09, Cam08, HVV09a, HL07c, Jay07, KR07, Koi05, Kom07a, Kom07b, Kom08, Kot08a, Kot08b, LZ06, NCS07, RSA07a, RB08, SKA09, Sun09, Toc05, TS05, VM009, Van05, Van06a, Ver06, WLS08, WHL08, Wan08a, YLN09].

**Runs** [AI06].

**S** [Yun08b]. Sabin [BFGP08, MB06, SDV06, SDV07].

**Sabin-type** [BFGP08]. saddles [Bac09, HWL09, JC09, JR08, Par07a, SHC08, Wan09b]. safe [LMR07].

**Sabin-type** [BFGP08].

**saddle** [Bac09, HWL09, JC09, JR08, Par07a, SHC08, Wan09b].

**safe** [LMR07].

safety [NL05].

Saint [LP07a]. Saint-Venant [LP07a].

**Salpeter** [Sie07a].

**same** [Oou08].

sample [PR08b]. samples [CDM07b, LWH09a].

**Sampling** [FG08, ABI07, BCP07, Hui07].

**Saran** [Tur09].

**satisfying** [BC09b, DG05, FL09a].

Satsuma [CX06].

**saturated** [EKEHR08, Hoo08, Zad09].

**scalable** [DHSH09].

**scalar** [EMP08, Kom08, TS06a].

**Scale** [SDIJMH09, yCyZ08, yCyZ09, CXH09, GKMS09, HLX06, Jih05, MvdMV06, PKS09, SCY09, VL06, WZ07, XZ08, ZT06a, ZJ12, ZFS09].

**Scales** [SDIJMH09, yCyZ08, yCyZ09, CXH09, GKMS09, HLX06, Jih05, MvdMV06, PKS09, SCY09, VL06, WZ07, XZ08, ZT06a, ZJ12, ZFS09].

**scaled** [SDIJMH09, yCyZ08, yCyZ09, CXH09, GKMS09, HLX06, Jih05, MvdMV06, PKS09, SCY09, VL06, WZ07, XZ08, ZT06a, ZJ12, ZFS09].

**scaling** [AT09c, KCK09, NMKS09, Zhu05a, Zhu05b, Zhu06, Zhu08a].

**scanning** [SAHS09].

**scattered** [FL09a, KKL06, LP06b, ZH08].

**scattering** [ABL07, ACWL07, AE07, Bou07a, BCK07, BG07f, CD05, CM07, Cak07, CWM07, CU09a, CNN07, EGM07, EM08b, GLS07, HM0807, Mar07c, Nig07, RDH07, SHK07].

**scenarios** [SK09].

**scenarios** [SK09].

**scheduling** [BDL09, ZMAZ09].

**Scheifele** [Van09].

**scheme** [AT09b, AC06, BH07b, BF09, BD06, BB09a, BG07c, BG07f, Cen08, CY08b, CA090, CCCH09, CLO09, Cm09, CD07a, Cui08, DS09a, DZ09a, DZ09b, DD09b, DDD08, EMP08, GAR07b, GC06, GL07, Har08a, HMG06, HL09b, HL09, JN09, KD05, KCK06, LT07, ILz07, Lu05, LY09, Ma06, MN07b, PS08, PP09, PS05, SK05, S08, T08, VVE08a, VRL07, Vi09, WKY07, WNZ09, WG09, YWD09, ZZZ06, ZZW08].

**schemes** [ARV09, ABBB09, AS05e, Ban05, BB08a, BB09b, CJB06, CHJ08, CGP07, CP09b, DSC09, Dai11, FC09, GLO05, GP08, HPS06, HRD06, HZ05, HP07, KMW0Y09, Kot08a, Kuz08, Mat07b, NP08, NT06, Qin07, Rad05, RV08, Roe08, Rom09, SKA09, SBK07, SF08, Sun09, Su07, Tab07, TYZ05, TGB08b, Toc09, VM0909, VR08, WKY07, XY05, X06, YLS06, YY06, ZP06].

**Schmidt** [RH06]. Schrödinger [BD06, CCJ09, CHJ08, EO06, G07c, JW08b, KCK06, KHF09, LRV09, LN09, LC08c, MU09, MD09b, SS05, SBO09, Swe07b, WNZ09, ZZZ06].

**Schur** [Bac09, Deu09, LHL06, NL05].

**Schwarz** [And08, And09a, Bad08, Bog05b, Dao07, IL09b, Sch07b, SM09].

**science** [GPS09].

**scientific** [ZFS09].

**scores** [WC07].

**scrambled** [VC06].

**screens** [CD05].

SDD [Mor07].

**SDELab** [GS07b].

**Search** [BGP09, DEM08, HE06b, bJQlZ07, KCL09, QZY09, SS09c, SS06a, TJ08, XSW09, XSP09, YP08].

**searches** [hLyHZ08].

**Secant** [Gal06, HQ06, AB05, DFZ07, GK09, Y007, YA08].

**Second** [AH08, BM06, DSC09, Dai11, DD08, DO06, FPP07, GGA08, LG07, MS07a, ZW08, AS05e, AGR05, ADGR06, BS09a, BNT08, BF09, BM07b, Cen08, CHCW05, CP08a, CL09, CL09b, CN08, DLO08b, DZ09b, DG05, ED06, EGO06, EFG0A09, EPB09, FJ107, Fra06, GJ08, GO05, GPP08, GPPR08, G0T06, GZZ09, HYY05, Hs09, HM09b, Ish07, Jia09a, KT07a, KKL06, Kom07b, Kom08, LC08a, Lei08a, LLZY06, ...
LS07b, Liu08b, LB09, LLW09, LM09b, LB10, Luo06a, MB07a, MD09a, MY06, MY08, NWW08, NMKS09, NM06, PJ08, QG08, Qi08, QGC08, Qi09, RBA08, RB08, Sak05, Sak06, Skr05, SLZA09, Sza08, TRS07, To05, Wan07b, WML08, WX07b, Xu08, Yan06b, YS07, YY07a, YL06, YCJ09, ZLL09, Zhu08d].

**Second-order** [AHS08, BM06, DSC09, Dai11, GGA08, LG07, ZWZ08, AS05e, BNT08, BM07b, Cen08, CP08a, CL09b, DZ09b, ED06, EGO06, FJT07, Fra06, GPPRRB06, GPPRB07, GOT06, GZX09, HYYF05, HM09b, Ish07, Jia09a, KT07a, Kom07b, Kom08, LS07b, Liu08b, LB09, LLW09, LB10, MD09a, MY06, NMKS09, NM06, RBA07b, RB08, Sak05, Sak06, SLZA09, To05, Wan07b, Yan06b, YS07, YCJ09, Zhu08d].

**section** [KMB09a, UHNC09].

**sections** [HW07].

**sector** [LS05].

**sediment** [DP08b].

**sedimentary** [CLQ09].

**seeds** [ZLLW08].

**segment** [WM09].

**segregated** [JR08].

**SEI** [YY08].

**Seidel** [Li05d, LC09b, NKM08, ZM09b].

**selected** [MvdMV06].

**selecting** [MPZ09].

**Selection** [Ver08, AKW05, BBF+05, CM05b, CMST06, CT09b, DSO5c, Hui08, Hui07, JRM09, LZWQ09, QL09, RAV05, YJ09].

**selective** [RW06].

**Self** [Car05b, AGH06, BR07b, CPM+05, Cha07, dCDN06, EFOA09, EGFO09, EST07a, EMMP07, Gai09, KM09c, LLZY06, LP06a, MS07d, Pet09b, SS09c, WHG07].

**self-adaptive** [SS09c].

**Self-adjoint** [Car05b, AGH06, EGFO09, EMMP07, KM09c, LP06a].

**self-conjugate** [LLZY06].

**self-consistent** [WHG07].

**self-similar** [EST07a, Gai09].

**self-tolerance** [CPM+05].

**self-validated** [Pet09b].

**self-weighted** [dCDN06].

**semantics** [PPG07].

**Semi** [eMH06b, Bej06, BB09a, FG09, ZSGF09, Ahm07, ADD05, BB08a, BeMBH06, CW08b, FFSS09, FN09, GLdS08, HPS06, HeM05, HL09b, KCK06, LWYT06, LB07, MW09a, MLL09, SF06, TV07, TLQ08, Var07, VRSS08, Ver08, WG09, XZ07, XZ09, YAO06, Zha09a].

**semi-algorithmic** [ADD05].

**Semi-analytic** [FG09].

**Semi-analytical** [eMH06b, Ahm07, FFSS09, LB07].

**Semi-blind** [ZSGF09].

**Semi-cardinal** [Bej06].

**semi-definite** [LWYT06, TV07, XZ07, XZ09].

**semi-discrete** [KCK06].

**semi-explicit** [WG09].

**semi-free** [ML09].

**semi-implicit** [BB08a, BB09a, FN09, HL09b].

**semi-infinite** [BeMBH06, CW08b, GLdS08, HL08, HeM05, LWYT06, MW09a, TLQ08, VRSS08, Ver08, YAO06].

**Semi-Lagrangian** [BB09a, HPS06].

**semi-linear** [SF06, Var07].

**semi-positone** [Zha09a].

**Semiclassical** [dMFPP07, MS07a, dMFPP08].

**semiconductor** [DBE07, FIR06].

**semiconductors** [PV09b].

**semiconvergent** [MRSZ06].

**semidefinite** [AH07, Yu06].

**semidiscr** [BW07a, Cui08, KV07].

**semigroup** [Kok05].

**semigroups** [CS07].

**semilinear** [AK09, Bog05a, Bog05b, EPP+09, Fer09, KV07, MW07, SD09, Wan07c, XCZ08].

**semilocal** [Arg09b, Hui05b, ZBL08].

**semiparametric** [Hu05a].

**semiseparable** [Gem05, VV08, VM07].

**semiseparable** [ZC08].

**semismooth** [CP08b, Sui07, Zhu06, Zhu08a].

**semistrictly** [LW08d].

**semistrongly** [Sea07].

**semivar* ** [Hu08].

**Sensitivity** [HyLC06, LP09, AHM09, DW06a].

**Separable** [SV07a, UO09, ZW06a].

**separated** [BV06, Log08].

**separating** [Toy07].

**Separation** [DJ07b, KSS07b, SJ09, SJZY09, SJZ09].

**Septic** [SA08a].

**sequence** [DMM07, Kil07, ZSZ05].

**Sequences** [CBDG07a, CBDG07b, Ber07, DJ09, JKK06, MDSR04, MC05c, MRSZ06, PC05, SC08, Tor05, VC06, WS08].

**Sequential** [WCH05, FH09, TJ08, Zhu05c, Zhu08c].
serial [CG05]. Series
[KSS07a, AGM09, BG07d, BE06a, BE06b, BS09, yCyZ08, yCyZ09, CJ07, CZ08b, CV09, Co05, Co08, CJ09b, CS09b, Gau05b, GIN05, GBR09, HHST05, LV06, LV07, Mat06, MGMT06, Mil09, Par09c, RI06, RVK05, Rea07, RO05d, SLH06, TMG09, UHNC09, Van08, WW09, DS06]. server
[CKT09, KL08a, TYH08, WWP09]. service
[BNDN09, CKT09, LLS09]. sesquilinear
[Par05c]. set
[Chi05, DMZ08, E08a, HyLC06, BxJC09, KAP07, KGW09, LTY08, Lin05, Liu05, MMS+09, PK07, RM07, UFG09, ZL09a]. set-valued
[HyLC06, LTY08, ZL09a]. sets
[CJCD06, CZ09, CK06, GLdS08, MPP09, XGZ09]. settling
[MM06]. seventh
[KLW07b]. seventh-order
[KLW07b]. several
[HHST05, Li05b, Nig07, Xio07, Xu05a]. SGBEM
[ADF07]. Shabat
[CHL09]. shadowing
[Gu07]. shallow
[AVMM5+06, AB07, CCRGVP08, QW06, SF08]. shallow-water
[CCRGVP08, SF08]. Shape
[CFL05, DMZ08, PS08, Y08f, A07a, FGB07, FL09a, FOT07, GA09, HS09a, Han06, KGB+07]. Shape-preserving
[CFL05, PS08, FL09a, FOT07]. Shape-topology
[DMZ08]. shaped
[Li09c, YH09b]. shapes
[ET06, PLCS09, SRB06]. Sharma
[SWZ09]. Sharp
[Che09, GO07]. shear
[DDLM07]. sheared
[EMH06a]. sheet
[PI09]. Sheffer
[Kok05]. shells
[Civ06]. Sherman
[EM06]. Shifted
[Siu09, VL06]. shifts
[Wu07]. Shinnosuke
[VW07]. Shishkin
[RO05]. Shiu
[ZLY09]. Shock
[TY07a, AA06, GW08, SB07]. shock-compacton
[TY07a]. shock-free
[GW08]. Shock-peakon
[TY07a]. Shohat
[Van08]. Short
[Den07b, Sen07]. short-tailed
[Sen07]. shortest
[KK09b, Liu09b]. shunting
[LMZ08, Lim07]. side
[CHSW08]. sided
[GPTT05, HYC05, Mühl06b]. sides
[GQ09a]. Sigmoid
[GZX09]. sign
[AM06, DC07, LLW09, LOA05b, SS09b, Won05]. sign-based
[AM06]. sign-changing
[LLW09, SS09b]. signaling
[ZBB+05]. signals
[ZGF09]. signature
[XC06]. signomial
[SL08]. Signorini
[xLHLZ08]. similar
[EST07a, GA09]. Similarity
[eMH08, DA08, G08]. Simple
[Ko05, BJ09, GR09, HR05c, LmzB07, SS09c, Su08, TTZ06, ZZZ09]. simplex
[KA08, Lu09b, PC05, Sto06]. simplicial
[BHP07, SD09]. Simplified
[HY09b, To09, BDH07]. simply
[Chu08]. Simpson
[Gar07a, ZWY09]. Simulating
[Göö5, BdAR08]. Simulation
[ARG08, Dor09, SSW09, THS05, ACV05, BRVWM07, CHSW08, DFHS08, FHTMP06, GM09, GM09b, HK06, IO06, KM06, KRAH07, KSE09, KGB+07, LY05a, MJX09, OMC08, RKA07, Sh05, WT07]. simulations
[ABD09, BNP07, CFV06, Hat09, WZH06]. simulator
[SL06]. Simultaneous
[MV05, PKS+09, GAC+08, PPR07]. simultaneously
[CJCD06]. Sinc
[AYK09, MNMS05, NMMS05, RZ07, SZD09, SK09a, W06, WKL06, NMM07]. Sinc-collocation
[NMMS05, RZ07, SZD09, WKL06]. Sine
[OO0+07, Bra07b]. Sine-Gordon
[OO0+07, Bra07b]. single
[BS09, CT05, KL08a, LmzB07, Lin08, PVC06, WM09, WZH06]. single-phase
[WZH06]. single-population
[Lin08]. single-species
[CT05]. single-term
[BSS09]. Singular
[CK07, Yan06c, AM09b, AD05, AV08, AKW05, BMFX07, Bar09, Ben07, BBB07, BF08b, CE09, CDD09, Cen08, CT09c, C07, DL09a, DV06a, DW05, DL08c, Dio09, EGFOA09, EGFO09, EJ07, ELA09b, Fer09, FP05b, FPO08a, FPO08b, Gao05, Gao06, G08, GXg05, Gou09a, HS07a, HMT09].
HV05, IL05, KA07, Lan06, LS07b, Li08, L08a, LZ05b, LZ07b, KSC06, LM09a, LJL06, LLIW09, LOA05a, LOA05b, LP06a, LY09, MZC08, M09J, MB07a, M09b, May07, OYA07, PS07a, PS09a, PT06, PT08a, Pet07b, S09a, SLZA09, TV07, Tem07, VG09, VAN06b, V507, WZ08, WD05, YOA06, YZ09, Z09a, Z09b, Zha05.

**singularities** [CO05, Kru05, MS06a].

**Singularity** [FFK05, HS09b, KS07c, Moh05].

**singularly** [ABS07, Att05, GC06, KGA08, KM09c, Lin05, MM07, MS07c, OS07c, RO05, Sto05a, TRS07, TR07, TR08, XWZH08, ZC08b].

**sinh** [CMRS06].

**sinh-Poisson** [CMRS06].

**SIR** [SMT07, YH07].

**SIS** [WZ06].

**Sivashinsky** [LT05].

**Sixth** [CFMR09, SA08a, Sut07].

**Sixth-order** [CFMR09, SA08a].

**Size** [KOS07, CLQ09, NBSV08, RVA05, Sic08, VR07].

**Size-structured** [KOS07].

**sizes** [PR08b].

**Skan** [Asa05].

**skeleton** [PR05].

**skeleton-regular** [PR05].

**Skev** [AAR09, GQ09a, DGS06, Duf09, HYGO08, HWL09, J09, KMB09b, Pie08].

**Skev-Gaussian** [AAR09].

**skev-Hermitian** [HWL09, J09, KMB09b].

**skev-orthogonal** [Pie08].

**Skew-symmetric** [GQ09a, HYGO08].

**skewed** [AT09b].

**slate** [TM007].

**sliding** [SA09].

**slip** [HKA07].

**slot** [AVMV08, S08].

**slowly** [Gau05b].

**SLP** [WWW08].

**sludge** [KRAH07].

**slug** [KPAT07].

**small** [CV06, FL06c, Hem06, KMK07, Mar07c, Ped05, ZT06a].

**small-scale** [ZT06a].

**Smallest** [MB05].

**smooth** [AU09, ABET08, And08, BN08a, BMW08, CT09c, DF08, DFIV06, HV05, JLR06, Mus09, ZCH07, ZLL08].

**Smoothed** [AFT06, CJ08].

**smoothers** [CDWJ06, Kan08].

**Smoothing** [GU08, KMMVW09, BK08, CL09b, DD06, HZ080, KP08b, MC08, S09a, Sun09, WK05a, XZZ09, ZJW08, ZLL09, ZZO9a, ZHO09a].

**smoothing-type** [HZ08].

**Snowflake** [NSS06].

**SNP** [WWW09].

**Sobolev** [AGM05, BMS05, BS05, BCG05b, Bou07b, Cim08, GSO6c, MAZ06, MOC09, MB07b, RS05b, Xie08].

**soft** [KGW09, RM07, XZG09].

**softening** [ADF07].

**software** [CN07, DMM07, Gug06, KOP06a, MV05a, Shao07, SW06b].

**soil** [MD08].

**soil-structure** [MD08].

**solid** [HMK08, WT07].

**solid-liquid** [WT07].

**soliton** [BK09b].

**Solution** [Asa05, DFLP08, HLY09, Koh08, RZ07, TR07, VV05b, WWFV07, YKS09, Abb07a, AT09a, ADF07, Alh06, AAK06, AM09b, AS05c, AS05f, ABR07, AGR05, ABV08, BS08a, BS09a, BCSA09, BLW06, BF05, BFT07, Bat08, BTIO8, BPG07, BBD06, BY09, Bor07, BSVO8, BTS07, Bra07b, BMM06, BSS09, BK06, CM07, Car06, CdVT07, CXS06, CU09a, CU09b, CMM09, DS06, Dao07, DW808, DS09b, Djo07, DL09c, Eds09, EM06, EM08b, ED06, FLMR07, FC09, GAC08, GEK09, GRW08, GLdS08, GON09a, GM09c, Gug06, GGP09, HS08a, HYGO06, HAO85, HK08, Hei05, HV06b, HO06, Hoo08, Hos06, HLL08a, HYGO08a, JL06a, Jen07, JR08, Kas06, KAP07, Koço09, L07a, LL05, L08b, Lew06, LC06a, LS07b, LFHW09, LC06b, etcY09, MB07a, MSZ07, May08, MP06a, MA09].

**solution** [MG08, MN07a, MK07, Moh05, MS07c, MD09b, MNMS05, Mus09, NTS06, NPT09, NST08, NM06, Oga06, OAO06, OS06a, PK09a, PK09b, yPESIZ07, PK07, Pre08a, RO07, SK05, SS05, SAD07, SY08, Sha09b, SCM09, SFPS09, uH09, SWZ09, SB009, SDV06, Ste07, SM07b, TL09, TR08, TSB09, TSC10, Tur06, VVE08a, VVE08b, Vol05, WCL08, WY08, WD05, XHK07+8, ZCS06, ZCL06, Zhu07].

**solution-dependent** [HV06a].

**Solutions** [BB07, LCYZ08, LUX06, LZX09, OYA07, eMH06a, eMH08, AMG07, AS05d, AS09b, ADD05, BB05, BSC07a, BSC09, **...**
BK09b, BG07e, Bru08, BSS08, COEV05, CRS05, CX06, CX07, CL08, CHL09, CT09c, CMRS06, Cim08, Cla05, Daa09b, DFLV06, DA08, DAIE05, Eba09, EZ06, Eng09, Ern06, EPS05, FWY09, FWZ09, FJG08, FPO05, Fin07, FL06c, FDFL07, GW08, Gin08, GJL08, HY09a, HEOS05, HCS05, HJK09, HKV09, Hat09, HWY09, Hon07, HC08, Hon08, IL05, Iva06, JG09, Jia09a, Ko07, Kar09, KK06, Kaw07, KCS06, KS07d, KA07, KV07, KBB05, LWW08, Lai09a, LW05b, Li05b, LH05a, LH05b, LF07a, LD08, LH08b, LkLkP09, Li09c, LZ08a, LZ08b, LZ09b, LZ00c, LZW09, LKSC06, LJL06, LXX08, Liu07, LH07a, LTM08, Liu08a, LLZ09, LW09, LOA05b, LJ09, Luo06a, Luo06b, Luo07, Lu07, MW07, MDMRP09, Mag09. 

\[ \text{solutions} \quad [MO07a, MN05, MD09a, MLH08, ML09, MNHA09, NH07, NMS09, OS07b, OOM+07, PV09a, \gamma PyHZ07, PP05, PS05, RTGB09, RLX08, RAG07, RHQ06, RR06, SS09b, SWZ05, Sch07a, SWYZ09, SA08a, Soh05, SDJMH09, SA07b, SP06b, ST07, Sun08, SL08, SLZA09, Sao8, Tho05, TY07a, VJ09, Wan07e, WHG07, WYS09, WSM+09, Wan09a, Waz07b, WW07, Wei09, WF09, WS09b, Won05, WL07, WX06, YS06, YAO06, YC05, Yan06d, YZ09c, YG09a, YM07, YAS07, YW09b, YG06, ZGV06, ZS05, Zha09a, ZHO7, Zha08, ZF08G, ZGO9, ZC08a, ZL008, ZT07, ZL07, ZW09c, ZS09, Zho09b, ZLDW09]. \text{solvability} \quad [Cas07, NT08, Zho06]. \text{solvable} \quad [DO06]. 

\text{solve} \quad [AMCM05, BM08a, Koc08a, hLyHZ08, ZF09b]. \text{solved} \quad [SB09]. \text{Solvency} \quad [Pit09, GD09]. \text{solver} \quad [AFT+06, ABD+09, Duf09, HBS+07, KDN08, LS06a, NS09a, NBS08, SSV06, WA05]. 

\text{solvers} \quad [DRV08, DFFW06, GWG08, JF06, KDH08, KL09, LLL06, RP09, SS06b, SS06c]. 

\text{Solving} \quad [AEET07a, AH07, AS07, BG09, BUG07, CGRGVP08, CL06b, CN07, CG07, EM08c, JDG06, Jan09, TRST09, YL09b, Yu06, ZA09, AEET09, eMH06b, AS05b, AKK06, AR09c, Arg09a, AT09d, BRW09, Buo07a, BM07b, BKB06, CS09a, Cou09, Dan06, DS08, DVCH06, Din05b, DZ09a, DJ07a, ESAD05, FT08, FH09a, FH09, FFSS09, FZL07, FKM05, Fu08, GA09, GXG05, GC09, GDA07, GS07b, GS06b, Guo06, GBRS09, HCL08a, Has06, HL07, HS08b, HV09b, Hs09, HZ08, JH08a, KD05, KYF05a, KYF05b, KRA08, KTH08, Kro06b, Lar08, LMR07, Li05c, Li06b, Li07b, IL07S07, ILpZ08, Li09a, pLT07, Lu07, LH08W, MW09a, Mar07a, MA09, Ned08, PT09a, PPR07, Pet09a, QZY09, Rad05, RA07, Sha09a, SZD09, SZ07a, Swe07b, TG07, TLQ08, Uje07, WWZY09, XH08, ZZ06a, ZZZ08, ZSWL09, ZHU05a, Zhu06]. 

Some \quad [BBPR09, CCH06, CJO9b, CHY05, DL05, Dom07, DLG05, FH09a, Gin08, GM09b, HCL08a, He07, JK09, KLW07a, KLW07b, Kou08, Lei08b, LH05M, LmbZ07, LWC+06, LHL06, LZ06, LF08, MC07, Ma08a, Mon07, OS09, Pie09, Sch05, Shi07, ANPQ05, ABP06, AGRO6, At05, Bar09, BDS08, BJSS06, CGPM08, Co08, CP07, FW09, Gar09, GJL08, HR05b, HL09c, JM07a, JG09, JM07b, JTO9b, KK06, KK08, KCS06, MO07a, MMFM07, MDSR04, MJ07, MC05c, Mii05, MB05, MS06b, Pet07b, RTGB09, Tab07, Vid05, Vol08, WZ09b, XW07a, dF07]. 

\text{Sommerfeld} \quad [MCA09, SK06]. \text{SOR} \quad [NK10, DKKHZ08, MYY06, NKM08, yS05, WH07F, Yun05b, ZH08]. \text{SOR-type} \quad [WHF07]. \text{sound} \quad [KS07e]. \text{sound-hard} \quad [KS07e]. \text{source} \quad [ABV08, CHV*08, Dao08, DFY09, Gal09, HCDP08, JLT07b, ILpZ08, LYB09, MM06, SJZY09, SJZ09, TRS07, TQA06, WAC05, ZSGF09]. \text{sources} \quad [Du07b, SJ09, WH07G]. \text{sourcing} \quad [LLS09]. 

\text{sp.} \quad [MMS*09]. \text{Space} \quad [AB07, ARG08, AMG07, BLR07, BS06, Bra07a, CHV*08, CG07, Fer07, GEO09, KD08, LW06c, LLC08, MS07c, MM09, QW06, SAHS09, SL08, SIN09, TG09].
space-dependent \cite{ZL05}.

space-fractional \cite{ARG08}.

space-localized \cite{Fer07}.

Space-time \cite{AB07, BS06, QW06, ZZZ06}.

spaces \cite{AHL+05, AU09, AABL08, ACQ09, Arg09b, BN08a, Bac09, BMS05, BS05, Bout07b, BGG07, CAY09, CW08c, CQ09, Cim08, DCF06, DF08, Far06, FJG08, FD09, GS06c, GO07, HLH07, HL09a, Kan07, Kaz06, KBA09, KA06, KSS07b, yL08, OYA07, PG07, QCK09a, QCKK09, RS05e, SVC09, Sal09, WL06a, WYL09b, XH08, ZTY07, ZC08a, ZLL08}.

spacewise \cite{JL07b}.

Sparre \cite{GY08, YZ09b}.

sparse \cite{AKK06, Duf09, GM09c, LO08, YH09a}.

Spatial \cite{MCR08, BB09b, HH07b}.

Special \cite{BBF07, BBG05, Cla05, GD09, Nou07, Var07, VAW07, VK08, WS05, GPS09, Koç08b, Pet07b, SCM09, Wik08}.

species \cite{CT05, LOZ08, WW07, WF09, Won09a, YTM07}.

Specific \cite{Tac07, FPP08a}.

SPECT \cite{BBM07}.

Spectral \cite{AR09b, CT09c, DHH07, DBG07, EE06, Eng09, HKK07, JLN06, KM09a, Liu09, SBO09, ZZ06a, AGM06, BSC07a, Byx05a, Byx05b, Byx06, DG08, DAE05, DJ07a, DBR08, FPP05b, FPP08a, FPP08b, GGD08, GM09a, GGM06, HMP07, Her09, HS06, HR05c, HW09, KTH08, KW07, K08, LI07, LC08c, MDT07, M08, MCR08, VRBF07, WLY05, Wan07a, WGZ08, ZP06, ZM09a, jia09b, vOP07, HE06b}.

spectral-discontinuous \cite{LC08c}.

spectrally \cite{YW09a}.

spectroscopy \cite{SV07a}.

spectrum \cite{Cha07, Chi05, Coj09, Har06, KN06, OOO07, Sie07a}.

speed \cite{BHJ05, Eds09, TFC07}.

Speeding \cite{GPRB05}.

speeds \cite{Don09}.

sphere \cite{BSD08, KD05, LM07b, Sak09}.

spheres \cite{KSS07b, Sid05}.

spherical \cite{eMHO06b, AG05, Car07, CM05a, DLROY05, KCS06, LMS08a, NP08, RR06, SBO09, WGZ08}.

spherically \cite{MDMRP09, ZGV06}.

spheroidal \cite{KM09a}.

spin \cite{KM06}.

Spiral \cite{AG05, WM09}.

spirals \cite{GM07a, MW09c}.

Spline \cite{PT06, AS05c, BISS05b, Bej06, DL08a, DP05a, DCF06, DZZT07, Far06, FO05, FOT07, GXZ06, Han09, JLR06, KGA08, KS09, KKD06, LMS08a, LW06b, LLD09, LWLL09, LP06b, LW06c, LLC08, MST05, SH06, SA08a, SACJ09, WL06a, Wani08b}.

splines \cite{BISS05a, Bej06, Bout07b, CFL05, CJ06, CHN02, CGPS08, CMS08, DS06, DL05, KS09, KRA08, KP08a, KP08b, Liu06, LMS08b, Maz08, Mii06a, PR08a, PH09, PSV08, Ric06, Rom09, Ros08, Sab08, Sie07b, Sie08, SD06, SDV07, U09, WFL07, WF08, ZW06b}.

Splinoid \cite{DK05}.

Split \cite{RKK09, EZ07, MCA09, SBO09, Ter05, ZGH09}.

split-Gaussian \cite{MCA09}.

split-operator \cite{SBO09}.

split-step \cite{EZ07, ZGH09}.

Splitting \cite{HTS09, BB09a, Cas07, CHS08, DSC09, Dai11, FHZ09, FH09c, GLZ07, Ge08, Ge09, GGP09, HYF05, HW09, HP07, JD05, J09, KW06, Koz08, Koz09, KMB09b, SS06b, TY07b, Wan07a, WWM07, WLS08, Yun05b, Z06}.

Splitting-based \cite{HTS09}.

spring \cite{HHZ07}.

Spurious \cite{AK07}.

SQP \cite{JTH05, bJQlZ07, Liu05, MZW06, XSP09}.

square \cite{BH09, CDV07, HR05a, LS06a, Log08, Mar07b, M07, OS06b, RB08, Sic08, SFPS09, Tay08, Top05, YZ08}.

squared \cite{MvdMV06, SD06}.

squares \cite{BTI08, CR09, Cou09, DKHZ08, DB08, DG08, DJ07a, GGD08, GRL09, JZ08, JSS07, KA07, MJ09, MV05a, RKK07, RKK09, SV07a, TY05, XZ08, XF07, YH09a, ZH08, ZSWL09, ZLD09}.

squeeze \cite{BSKS07}.

Srivastava \cite{Tur09}.

SSE \cite{CGRGVP08}.

SSLE \cite{bJxC09}.

SSLE-type \cite{bJxC09}.

SSOR \cite{WH09, Yun08a, ZHG+09}.

stabilisation \cite{DRV08}.

stabilised \cite{BWO7a}.

Stability \cite{AMCM06, CS06a, CS07a, CLGG09, CWW08, Da05, E09a, FZL07, Fra05, FG07, GLDS08, Kot08b, LWMT07, LL07b, Lou08, MS08a, MI09, PN06, SCS08, SC06a}.
stabilization [CK09a, XW05, YZ09a]. Stabilized [GLOS05, LY07a, ABP08, BH07c, HH07a, HL09b, LH08a]. Stable [Di 07, GG08, Huy09, NSK07, Sur05, ACR06, ABL07, BJ08, DW06, DK06b, KD05, LCKK06, LW07, Lin08, MV06a, Tsi06, Van06a, Van07a, GLOS05]. Stacks [Dul08]. Stage [Ts06, AG09, CS07b, Fu08, GPP07, GE09, JD05, LC09a, LCH09, LL07a, LZZD09, NBSV08, Ver06, Wan08a, WLF09, WX06, YTM07]. stage-order [Ver06]. stage-structured [LC09a, LL07a, LZZD09]. stages [YY08]. Staircasing [BW07a]. standard [ARVP09, AKL05, CN08, LP06a]. standing [SC07a]. star [PVC06, VB05b]. start [CO05, MJ09]. start-up [CO05]. Starting [Ver06, AOSY05]. startup [WW09]. State [IT07, MLOP06, BLR07, BG09, CCK06, GE09, Har05, Hsu05, HL07c, LTL07a, KVO09b, LC08b, MY06, NWTH09, RW06, SLN08, TSC10, WLL07, WPC08, Wan09a, WYO09, YC05]. State-dependent [IT07, BG09, Har05, WPC08, Wan09a, WYO09, YC05]. state-selective [RW06]. states [MY08, Yan06c]. Static [VS08, AG05, SZ08b]. Stationary [HL07a, ZW09b, CMM09, DS09a, HH07a, Ko07, KKD06, MYY05, Mot06, NH07, TY05, ZH09]. statistical [BDWG06, Men09]. Statistical [Hui05, KS07a, AB06, KLS07, MM09, Tsa09]. Statistically [BP07]. statistics [HL09c, MPP07, SD06, Tuf07]. stator [SS08]. steady [DD08, Hsu05, MS09c, WK08]. steady-state [Hsu05]. steepest [DS05b]. Stefan [JVVvdZ06, VV05b]. Steffensen [AABL08]. stenosed [ICW09]. stenosis [Den07b]. step [ASL07, BJ07a, BJ08, BRW09, Bn07a, BW07b, CL09b, CE09, CCLS06, DW06, DT06a, DF08, EZ07, FJT07, Fra06, HRG08, JLR06, KD05, LC08a, Lar08, LW07, MC08, NBSV08, PJ06b, PJ08, RAV05, Ro07, Sic08, Sza05b, Van07b, Van09, VRL07, Ver06, Vvl09, WSP09, ZGH09]. step-size [RAV05, Sic08]. step-transition [DT06a]. stepping [AS09b, GKM08, LS06a, SW06a]. steps [Eds09, SB09]. stepsize [RVA07b, VAR06]. Stewardson [SJ09]. Stieljes [Ber07, BH05, GPTT05, TMG09]. stiff [GPR05, JF06, Sav09, SSV06, VMM09, VR08, WLY09b]. Stirling [EKL07]. STL [RB06]. Stochastic [Gri09, HR09b, LFS08, Mar08, RL09, TBBC07, WXT09, YSOY09, AR09a, AK07, BB05, BH07a, BH09, BS07, BLP07, BW07b, CJ05, CJ06, Car06, CX06, CX07, DR08, FSL09, FR07, FN09, GS07b, G006, Gu06, HBS07, HM06, HR09a, KS06, Kom07a, Kom07b, Kom08, LkLkP09, Lin09b, Lu06b, Lu07, Lu08, MS07, MYY07, MA07, Mer05, PM08, PR08b, RB08, RLX08, RS05c, RHQ06, SA09, Sha05, Sic08, TBL09, Toc05, WLL07, Wan08a, YZ08, YYY09, YYY06, YG06, Zha08, ZGH09, ZZZ09, ZW09]. stochastic-flow [Lin09b]. Stochastically [Luo06b]. Stock [GM06, CT09]. Stokes [Dai11, AB08, BR09, BH07c, CMX09, CLA09, DC08, DSC09, DMZ08, FLPA09, FH09c, GR08, Gö05, GS06c, HH07a, HL09b, How09b, KDN08, Knu06, Koh07, KKD06, LLY07a, LH08a, LY07b, Mot06, NHH07, Oga06, OS07b, SST09, SS08.
surfaces [BFGP08, Bra07a, CKWZ07, CM05a, DP08a, HW08, KCS06, KLP06, KP07, Lu09a, Sid05, WLL06, Wri08, rWJC06, XfgS06, XW09, ZC06].

surprising [CV09]. surrender [VV09a].

surrogate [WC08].

survey [CD07b, DG05, MG07, Nou07, PPR07].

survival [CT05, DD07]. susceptibility [VV05a].

SVEIR [WJS09]. swarm [LW08a, YW08].

switch [VJ09]. switched [MLOP06, XW05].

switching [DBE07, LkLkP09, LJM09, MYY05, MYY07, YG06, ZW09c].

Sylvester [BLT09, BJ07b, HYC05, LLZ08, ZLDW09].

Symbolic [BBD06, FT08, CN07, HHST05].

Symbolic-numeric [BBD06].

Symmetric [DKHNZ08, ZFG08, ABG06a, AV06, AD07, BW06, BXC09, BB05, CFMR09, CK08, DM05, Du09, ER07, GHZ06, GQ09a, GGA08, HYY05, HG08a, KV05, MDMRP09, MJ08a, MN07a, Sen07, SZ07a, TV07, VMV07, XZL08, YY07a, YD08, YLW09a, Yu09a, ZhL08]. symmetrical [GMFB06]. symmetries [JKM09].

Symmetry [LV07, Tac07, BFT07, LLZ09, MPP07, NSS06, Wi06, vOP07]. Symplectic [KHW09, SEAA08, CFMR09, WN09].

symplecticity [CLM06, DT06a, FJT07, IT07].

Synchronization [LY09, LC08b, BCS09, NaLH07, Par08b, SS09a].

Synchronizing [ZMAZ09]. syntactic [PPG07].

System [AU09, AT09a, BF05, BBSV08, Bra07a, CS07b, Cim08, CT05, DW05, DF08, DC09b, Du07b, DL09a, FL06a, FD09, GL07, GB09, HC08, HM08, HHZ07, HZW08, JG06, Jai06, Kar06, KBA09, Koh07, KS05b, KBB05, yLo08, Lu08a, LJM09, LOZ08, zLCs06, LC06b, Liu09c, MW07, MS09a, Min05, NS09a, OS07b, Par08b, PZ08, Siv09, Sim07, SM09, TRS07, TBL09, VG09, WNZ09, WW09, WLF09, Wao09a, WD05, WW07, Wl06, Won05, Won08, XW06, XWT09, YC06, ZGV06, ZCS06, Zha08, ZZZ09, ZM09b, ZZ08b]. systematic [ADLT09].

Systems [Art09, FC09, SRP08, AKK06, ABI07, Ana07, Bac09, BW06, BSMT09, BC08, BRD06, BY09, BS07, BMC09, BJSS06, BFM09, CJD07, CLP08, Ca08, CC08, CM07, GCRGVP08, CKC08, CZ09, CHS08, CXH09, CMT09, Cou09, CHY05, Da05, DL08b, DLROY05, EM06, EZ06, ET08, EM08c, FLMR07, HM09, FPO05, FK05, FL08b, FL09d, GDM08, GSW07, GGT07, GXG05, Gia06, GLS08, GM07b, GM09c, GT09, GQ09a, GF08, HWS05, HNS09, H08b, Hos09, HL07c, HSL08, HGS06, HMT09, bJyKZh09, JL06b, JH08a, KM06, KK08, KMW07, KRA07, KR07, Koh08, Kok05, KT07b, KMB09b, KTM09, Lar08, LRV09, L05, Li05c, Li05b, Li05d, LmZbL07, LCA07, LWM07, Liu09b, LM09b, LRT06, LY05b, LL07b, LR09b, LLH11, MZC08, MS08a, MSB05, May07, MGS08, MBD06, MLH08, MSA09, MK07, MS07d, MLOP06].

systems [MN07b, NSK09, Ned08, NKA09, NaLH07, OOM07, P KS09, PT08b, PN06, PK07, QCK09a, RB08, Roe08, RO07, SG05, SLN08, SZ07a, SSZ09, SL08, STB09, SCY09, TR06, THC08, Tup08, WCH05, WH07, WLT07, WZ08, WLY08, WZ09a, WC09, WWM07, WF09, WL07, WH09b, WHZ09, WZS06, XD05, XW05, XZL09, XXL08, XX09, Yu09a, ZhL08, yXZL09, ZL09b, ZJ12, ZLL08, ZSZ09, Zho09b, Zhu09a].

Systems-based [FC09]. Szego [GM09a, JR07, NSL07, Pet05, SL05].

T [CSG05, ZBB05].

T-lymphocyte [ZBB05].

tabu [XCO8]. tail [CV06].

tabled [Sen07].

tails [GA09].

talks [An05a].

tangent [KLP06, Lu09a].

Tasso [SWZ09].

tau [DAE05, KW09, AT09a, GK07, Hos09].

Tau-functions [GK07].

Taylor [AZGN06, Aso05, CN07, GNS06, GS06b, MO08, Ro07, SAD07, Toc09, TMG09, XTZ06, Zha07].
tearing \cite{NS09a}. tearing-based \cite{NS09a}. technical [HL09c]. technique [AETE07a, CLA09, DH09, DEMR08, Dul08, FH09c, GBR09, HK08, JZ08, KM06, KCLW08, LY09, OS07c, Pet09a, SBO09, SK06, VT06, VVE08b, WZ08, YW08, ZLYW09, Zhi05a, Zhi06].

techniques [Ban08, CMX09, CK09a, CKC++07, CHSW08, CHY+08, EM08b, FL08a, GPS09, KMB09a, KLS+07, Lia05, NMKS09, PK09a, TBL09].

telecombing \cite{CHM06}. temperature \cite{KSE09, XF07}. temporal \cite{LB07, ST05}.

tensile \cite{DK06a}. tension \cite{Bou07b, Rie06, TK07}. Tensor \cite{Arp07, DP08a, JG09, LRH07, LZ09c, MW09b, Luo07}.

tensor-product \cite{KJ09}. tensors \cite{QWW08}.

term \cite{AEET09, AR09c, BSS09, Ext99, Fin08, FC09, KHWF09, LV06, LYB09, LLW09, Mil06, MSP08, TRS07, Tan06, ZSZ09}.

terminating \cite{CJ07}. terms \cite{AML07, ABV08, FI07, Koi05, LLpZ08, LZY09, LZ09d, MS05b, VVE08a, VC06, Wac05, Xio07, ZS05}. Test \cite{GK08, ALO07, HK08, Kan05, MPP07, MRV09, MK07, PS07b}. Testing \cite{CV06}.

tests \cite{HE06b, KRAH07}. tetrahedral \cite{PR05}. texture \cite{vdBHPS07}.

their \cite{BM07b, CK09a, CZ08b, DGS06, EioG07, GG09a, GF08, LHM05, LZ06, pLT07, MC07, Ma08a, MJ07, NH08, OW06a, SP09a, SRB06, TYZ+05, WC07, WS08, WD05, XDW05, XTZ06, Yua09, vdBHPS07}.

theorem \cite{AAZ06, BC09b, CLO09, CBGV05, EST07a, GP07, HL09a, Hu05b, LW05a, Lin09a, MJ08a, NK10, PK09b, SVC09, yS05, Van08, VV06, VZ08}.

Theorems \cite{ZZL08, BS09c, DJ07b, FG08, FL08b, FL09d, HL09a, HSL08, Kaw07, LOA05a, Mai08a, NS09c, QCK09b, QCKK09, Swa06, Tem09, WWM07}.

Theoretical \cite{Gon06, LuMgF09, ADLT09, CP09a}.

theories \cite{BL07, WWP+08}. Theory \cite{Gao06, HCK07, XZL08, ABI07, Cak07, DIKZ07, FS07, Gao05, GM09b, MS07d, RW06, SHB05, Tab07, Zhi08}.

thermal \cite{BGRS05, BM08b, CYZ09, Dor09, FZ08, SS09}. thermally \cite{RVM08}. thermo \cite{KZ07b}. thermo-elasticity \cite{KS07b}.

thermoelasticity \cite{Swe07a}.

thermoviscoelastic \cite{Cop05}. theta \cite{Sch05}.

Thiele \cite{ZT06b}. Thiele-like \cite{ZT06b}.

thin \cite{Ban07b, CH09, FTT+05, PSV08, VV05a}.

thin-plate \cite{PSV08}. thin-wire \cite{FTT+05}.

Third \cite{JXY07, LZG+09, ABP06, ABB+07c, CS06a, Chu08, EPS05, HAS08, Kar07, KSS07a, Koç08a, Koç08b, SS09b, Sun08, Wei09, YW09b}.

Third-Order \cite{LZG+09, JXY07, ABP06, CS06a, Chu08, EPS05, Kar07, Koç08a, SS09b, Sun08, YW09b}.

Thomas \cite{Jen07}.

Three \cite{BRW09, Gal09, MP06a, NVD08, Wan08a, BISS05a, BJ07a, Bej06, Bra07a, BG07f, CP09c, DCZ07, EKEHR08, FG09, Har08a, He05, HR05b, Hon07, KD05, Kar07, LV06, LC09, LLT07, MJ09, Oga06, OA06, RVM08, SK09b, Sun08, SLZA09, SS06c, THS05, WGOZ08, WF08, Wei09, Won09a, WDC+08, YTM07, Yas07, Zha09a, ZWF09}.

Three-dimensional \cite{MP06a, BG07f, FG09, Har08a, LC09, LLT07, Oga06, OA06, RVM08, SS06c, THS05, WGOZ08, WDC+08, ZWF09}.

three-direction \cite{BISS05a, Bej06}.

three-field \cite{DCZ07}. three-level \cite{KD05}.

three-parameter \cite{MJB09}.

three-point \cite{He05, Hon07, Kar07, Sun08, SLZA09, Wei09, Yas07, Zha09a}.

three-species \cite{Won09a, YTM07}. Three-stage \cite{Won08a}.

Three-step \cite{BRW09}. threshold \cite{DWY09, FY08, JZK09, LWS09, LXH09}.

threshold-type \cite{JZK09}.

thresholding \cite{FP08, LM07a}.

Tight \cite{CS08, LL06}.

Tikhonov \cite{BJ07b, LR09, QWS09, RH09}.
Tikhonov-regularization [BJ07b]. tilings [Rh05].

Time

[DDLM07, FHTMP06, Lin09b, SZ08b, ARG08, AR09a, AFT+07, AS09b, AB07, AGR06, BGV+09, BS06, BB09a, Cas05, yCZ08, yCyZ09, Che08, CEJ09, CH09, CP09b, DaC05, DFLP08, Dul08, EIM+09, EPS05, EBP09, FS07, FR07, FZL07, FG07, FL09c, GDM08, GSW07, GZL07, Gei08, GKM09, GRW08, GAR07b, HY09a, HJK09, HLM06, He05, HRGD08, Hei05, HO06, HMG06, Hou07, HGS06, IV07, Jac06, JW08b, KGA08, KKW06, KS09, Koz08, Koz09, Kro06b, LS06a, LMZ08, LZY09, LY09, LZ09b, LZZD09, LN07b, LP09, LTT07, LC08c, LR05, Ma06, MZC08, MS08a, MGMTO06, Moh08, Nig07, PW08, PT08b, PRGPS09, PN06, PP09, QW06, Qu07, RTGB09, RR06, RS05e, SG05, Sak05, Sak06, SST09, SW06a, SP06b, SC06a, SBO09, SF06, SL08, TCMS06, TY08, TXZ09, VRL07, WLL07, Wan07a, WLF09, WJS+09].

time [XC08, XLIH05, XW06, XX09, XGM09, Yas07, YJY06, YSYX08, YY07c, YW09b, YHH05, ZS05, ZZZ06, ZW09b, ZZL08, ZL09b]. time-delay [GSW07, HGS06].
time-delays [MZC08]. time-dependent [CEJ09, GRW08, JW08b, KGA08, KKW06, LC08c, Ma06, Nig07, PRGPS09, PP09].
time-discrete [Kro06b].

time-discretization [SZ08b].
time-domain [CH09, Dul08, GZL07, Hei05].
time-extrapolated [FZL07].
time-fractional [AR09a, GAR07b].

Time-harmonic

[DDLM07, DFLP08, LN07b].
time-independent [Nig07]. time-periodic [RR06]. time-splitting [BB09a, Wan07a, ZZZ06]. time-stepping [LS06a, SW06a].
time-varying [FG07, LMZ08, LZY09, LY09, PT08b, PN06, SC06a, TXZ09, YSYX08]. times [ST05, WWP09].

Timoshenko [ILzS07]. tip [WCL08]. tips [Kru05].

Toda

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translation [Xu05a].

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tutorial [MGV07, Sun08, VRSS08].
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two [TK07, TQA06, TANT09, VRBF07, Van07b, Van09, Ver06, WT07, WSM+09, WSP09, WLK06, WK06, WWP+08, XZ07, XX09, Yan06b, ZS05, ZLY09, ZBL08, ZL07, ZL09b, ZKSS06, dMFP07].
Two-dimensional [Ban05, Bra07b, DZ09b, DL07a, Gao06, HZBM06, HV06c, Jan09, JL06b, KCK06, LN07b, MDT07, MD09b, Rad05, Roe08, SAHS09, SSMB07, TTZ06, TS08, TG09, TRST09, TG07, TQA06, TANT09, VRBF07, WLK06, XZ07, XX09].
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two-frequency-dependent [Kim05].
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two-level [ILpZ08, ZH09, MS07c].
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Two-point [Jan08, CM05b, CN07, CG07, DMGV05, Fin07, HVV09b, Lu07, MW08, MW09c, WK06].
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two-space [MS07c].
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two-step [BJ07a, BJ08, Fra06, JLR06, KD05, LW07, Van07b, Van09, Ver06, WSP09].
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Twostep-by-twostep
tying [DB08]. type
[AEBEK09, AMG07, AABLO8, AGRZ05, AGMMB05, BS08a, BB05, BFGP08, BdWG06, BBSV08, BGG07, CRS05, CFMR09, CC06a, CC08, CR09, CKC+07, CX06, CX07, CHS08, CZ08b, CX08, CD06, DL05, Dun06, EL07, ET08, ELA09b, FT08, FHH08, FLS08, FLS05, FL09b, FL09d, GU08, Gin08, GPRB05, G0T06, GMF06, GS08, GO07, HWY09, HoC08, Hom05, Hom09, HLSO8, HZWO8, HS05, IL05, JZK09, JK09, JX09, KMK09, KGO9, KTH08, KV07, KW09, KOR06, KMB09b, yL08, Lei08b, LHWO7, LmY08, LH08b, LCH09, LKSC06, LY07b, Liu08a, LHR09, Ma08a, MB06, ML09, MaI08a, MYY07, MP08b, MJ08b, Maz06, ML08, ML09, MS05a, MS07b, NK08, O00+07, O0u08, Par05b, Par07b, Par07a, Ped09, Pie09, Qi07, R0A07a, RVA07b, sR07, RAG07, RS05d, Rza09, SHK+08, TS06a, TG09].

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ultra-weak [DM07b, HKM08].
ultradiffusion [Mar08].
ultraparabolic [Mar09].
ultrashort [KD05].
ultrashort-pulsed [KD05].
ultraspherical [DAE05].
un-reliable [KL08a].
unbalanced [EL06].
Unbounded [YOA06, CWMT07, EZ06, ELA09b, HZBM06, JM07a, JW08b, Moli07, ST07].
uncertain [GSW07, GVC+08, KRAH07, MZC08, Neu08, Par08b, PT08b].
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underdetermined [FKM05].
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underwater [MOZ07].
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uniformization [AKLT09].
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unit-linked [VV09a].
Unitary [DV08b, DV08a, Gem05].
units [FY07, WY08, WLL09].
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UniValence [BNP06].
Univariate [Li06, CFL05, FDC08, GXZ06, Win06, dS07a].
univexity [Jay08, JK09].
unknown [DFY09, Lnu06a, PS07b, Xu08].
unreliable [CKT09, TYH08].
unstable [Soh05].
Unsteady [ICW+09, eMH08, BeBM06, DD08, DL07a, EKEHR08, KCK06, Kas06, Rad05, TG07, XYZ06].
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usual [EMMP07, MS05b].
UOBYQA [VB05c].
update [Cho08].
updated [Wu08].
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Upper [BS07, LOA05b, MxY09, Mor07, YOA06, ZCL06, COE05, DSW08, HYG08b, QGC08, ShO7, WYS09, YG09a].
upwind [DD08, WSST05, YLSX06].
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uses [BC07, Du09, Gar07a, HHK07, Jai07, MD09b, Par07b, Par07a].
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Using
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