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Nelson H. F. Beebe
University of Utah
Department of Mathematics, 110 LCB
155 S 1400 E RM 233
Salt Lake City, UT 84112-0090
USA

Tel: +1 801 581 5254
FAX: +1 801 581 4148

E-mail: beebe@math.utah.edu, beebe@acm.org,
beebe@computer.org (Internet)
WWW URL: https://www.math.utah.edu/~beebe/

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#11058 [Jel79].

$(-1, 1)$ [DE79]. $(\ln z)^2$ [RW89b]. (t, m, s) [LLNS96]. 1 [BM96, BK97a, Pet98b]. $1 + \sqrt{2}$ [TW88]. 2 [AL96a, AC98, BH93, HMM98, Kuz99]. $2r$ [Die90]. 2×2 [Vil86]. 3 [Gui87]. 9 [ALY88]. > 1 [GO81]. A [Bar99, Hil97, Bog71, BC89, Buz77, Car72, CH95, Kam78, Lin83, You72a, Zir82]. $A(0)$ [Jel76]. A_0 [Jel76, Fei82]. $Av = b$ [Bor76]. $Ax = b$ [DT73, Was82]. $Ax = \lambda Bx$ [PW70, Ste72]. B [FSU81, GC98, BN74, DM82, Far85, Hak82, Mey87b]. β [Hu96]. C^0 [Arc78, Whe77]. C^1 [HS97, APS87, ASW93, AD92, Her85, KW85, PS92, Pet95, Zha96, PW80]. C^2 [LS97a, Del93]. C^m [Bub78]. $\cosh \mu z$ [RW89a]. D [van81c]. δ [Por73]. $\Delta^2 u = f$ [Sig76]. $d \geq 8$ [ASW93]. e^{-x} [Sch82]. E^3 [Wix78]. $E_n(f)$ [EL73]. ϵ [Han93b]. $\exp(-x)$ [Ise81b]. $\exp(tA)$ [Kam78]. G [MF97, BC72, RSK76, GAM71]. GBQ [VH93]. H [LB97, Ain96, BG88, GHS96, GC98, IB97, MS97b, SS97, TD82, VSM80]. H^{-1} [KW76, Día79, FKD84, Whe75]. H^1 [Pan98, BC94a]. $H^1(0, s)$ [Mar83]. $H^{m,\infty}$ [CS74b]. H^p [Sin73]. $H^{p,p/2}$ [Hac81]. H_2 [GMP93]. hp [MS98, OPF97]. k [KRD78, Par87a, Rag85, PS80, Pet65]. $K(a_n/1)$ [JTW83]. $K \times K$ [PS80]. L [Cha94, Koc84, ST76]. L^1 [STW97, hTZ97, DS68, DS84]. L^2

[CL90, Den74a, Dup73b, HL87, Pat76, Sch82, Sch69b, Sch69c, LP78, Sch71b]. $L^2(E_\rho)$ [Bar67a, Bar67b]. L^∞ [FR78, KM88, LK74, Sch69d, Dob80, LP78]. l^p [Shr73]. L_0 [KT86]. l_1 [BR73, BR78b, BCS78, AH77, EAVD79, HM85, Kam79a, MS76, Uso67a, Uso67b]. L_2 [Joe99, GV74, Bra94, GMP93, MS76, Sha85b, Whe73a]. l_∞ [BCC78, Cad73, Cad74, BCL89a, BCL89b, CL92, MT75, Whe73b, Whe73c, BPR72]. $L_\infty L_2$ [EJ95a]. $L_\infty L_\infty$ [EJ95a]. L_p [Asa89, Bre77, FGH74]. L_q [Kro81]. λ [JS83, Kub70]. $[-1, 1]$ [Bru91]. LU [PP73a]. LZ [Kau74]. m [GW90, El 90, Por71, Prü82]. $MGR[\nu]$ [KP87]. n [EL73, Geo77, GPV78, GM78c, KS99, Str69a, Str72, Str73, Str75b, GK96]. $n + 1$ [BG71]. $n + 2$ [MS65c]. $\nabla^4 u = f$ [Smi73]. $O(h^4)$ [Arc77, HVR88]. $O(n^2)$ [BR75]. p [Ain96, BSK81, BS87a, BG88, BCMP91, BL94, Dor84, Dor86, Eri86, GHS96, HR99, IB97, KW85, LB96a, MS97b, SS96a, SS97]. P1 [Pie95]. P^1 [JNV99, JN98]. P^4 [EGLP85]. PDL_g [dC90]. Q [Sor80]. QR [EH75, Nan85, PP73a, Ste77]. QZ [War75]. r [Die90, FM90b]. R^1 [Ste75b]. R^2 [Mae82]. R^2_∞ [Gov86]. R^3 [Gue92, Ned78, BvA94]. R^n [Bac80, Bus85, Can83]. s [Vin86, KD83]. SOR [KL89]. t [ST76, SL83a, Jef69]. $T_{n+1}(X)$ [RJ74]. Θ [KR94a]. $u_{tt} = u_{xx}$ [RW89a, RW89b]. V [Neu98, BH83, McC85]. W [BSW95]. $x' = f(t, x)$ [Ste70]. $y = f(t, y)$ [Cha85b]. $y'' = F(x, y, y')$ [Hen70b]. Z_2 [JSC91].

-Algorithm [Kau74, VH93]. **-and** [Jel76]. **-Approximation** [BPR72, FGH74, Sch69b, EAVD79, Kam79a]. **-approximations** [Kro81]. **-Box** [Str72]. **-Collocation-Finite** [Whe77]. **-continuity** [KW85]. **-contractive** [Lin83]. **-contractivity** [CH95]. **-convergence** [Dob80, FSU81]. **-convex** [KRD78]. **-cycle** [BH83, McC85, Neu98]. **-D** [Gui87]. **-Dependent** [GW90]. **-Error** [FR78, LK74, MT75, KM88, STW97]. **-Estimates** [Bre77, Dup73b]. **-Estimation** [MS76]. **-Estimator** [MS76]. **-Fractions** [Jef69]. **-free** [Han93b]. **-Function** [Prü82]. **-functional** [Rag85]. **-Functions** [El 90, Por71, MF97]. **-Galerkin** [FKD84, Día79, Pan98]. **-Inverses** [RSK76]. **-Laplacian** [BL94]. **-Line** [PS80]. **-Matrices** [Kub70, JS83, VSM80]. **-methods** [BSW95]. **-Multivariate** [Sch69d, Sch69c]. **-Nets** [LLNS96]. **-Norm** [Bra94, Cad74, BC94a, EAVD79]. **-Nyström** [vS87]. **-order** [FM90b]. **-orthogonal** [Vin86]. **-P.D** [Pet65]. **-part** [Par87a]. **-Perfect** [ST76]. **-point** [ALY88]. **-polynomial** [Hu96]. **-Polynomials** [Por73]. **-Problems** [Sch82]. **-Rate** [hTZ97]. **-Scaling** [GV74, Sha85b]. **-scheme** [KR94a]. **-sets** [TD82]. **-Simplex** [Str69a, GM78c]. **-Solutions** [DS68]. **-Sphere** [Str73, Str75b]. **-spline** [Hak82]. **-Splines** [BC72, CS74b, Koc84, ST76, DM82, Far85, Mey87b]. **-Stability** [Jel76, van81c, Bar99]. **-Stable** [Bog71, Buz77, Car72, KT86, BC89, Cha94, Fei82, Zir82, Hil97]. **-superlinear** [Sor80]. **-surface** [Pet95]. **-symmetry** [JSC91]. **-System** [HR99]. **-Transformation** [SL83a]. **-Transformations** [GAM71]. **-Version** [BSK81, BS87a, Dor84, Dor86, Eri86, KW85, LB96a, SS96a, LB97, BCMP91]. **-Widths** [KS99].

1 [But65, Ost65]. **10** [But65]. **12** [DF76a]. **13** [Cra78, Hil78]. **130** [Ost65]. **14** [Jel79]. **15** [HL82, de 78a]. **16** [Sob79a]. **17** [Sym81]. **18** [DW82, Laz82]. **1983** [Bir83].

2 [But65]. **2-10** [But65]. **20** [GN83a]. **21** [MR85]. **22** [Gup85b]. **25** [CGT89]. **26** [BCL89a].

31 [LL95]. **33** [Hic97].

57 [Jel79].

6 [Pie71]. **60th** [Bir83]. **65th** [MSW94].

7 [Wei95].

80f [Sob79a]. **81k** [Sym81]. **82i** [Laz82]. **89h** [CGT89].

9 [HEFS74]. **95g** [LL95].

A-BDF [Fre98]. **A-Convergence** [Gek75]. **A-Stable** [SW94a]. **A.D.I** [FM67]. **Abel** [Atk74, Egg88, ML69, SP68]. **Abel-type** [Egg88]. **Abramov** [Pet98b]. **Abscissa** [Hen70a]. **Abscissas** [AF68]. **Absorbing** [BJR90, BDH98, CDW96, JT97]. **Absorption** [MMD94]. **Abstract** [CN88, DD93, GP98, JS68a, Pet65, Var67, VW95]. **Accelerated** [AP73, DF84, Del88, Del89, DF91, de 68, DGB82, GHY83]. **Accelerating** [Per67a, Wim77]. **Acceleration** [ABDH95, Bro95, Cor83, HLY80, Lei98, LB90, Osa90, SFS86, SF79, BD85, BDGB83, DK82, KS83, ST78, SL83b]. **Accepting** [WF97]. **Accuracy** [CM90a, DeL94, DMW83, GS96, Hig89b, JS87, RR96, Sni72, Ten94, War77, WES80, And83b, BX89, DN89, HK79, LeV88, MK80, Sch80, Ske82, Ske86, Tad86]. **Accurate** [BD90, Byr90, CJR97, Del93, Drm98a, HMMR95, Huy93, Huy95, Kel69, Kel74, KC93, LO96, SW99, Var71b, VWI97, AF89, Ber86, HO87, SO86, Vil89]. **Achieve** [CH97]. **Achieving** [Den74a]. **Acoustic** [BGT97, CJ96, Hol78, Wal88, FN80]. **Active** [BM88, Bur90]. **Actual** [CS74a]. **Adams** [CLM89, Fei82, Hal74, Ste79a]. **Adaptation** [VAF98]. **Adapted** [BNP91]. **Adaptive** [AE94, AK98, BL98, CW96, CS96, Dar91, Dör96, EJ91, EJ95a, EJ95b, EJ95c, EJL98, HK94, HW97b, Jen92, JNT90, LP77, Liu93, McC94, MS99b, MS99c, NPV93, OPF97, Rüd93, RC78, BR78a, Gup85a, Gup85b, Joh88, Luc85b, SC87, Sty89]. **Adaptively** [JNV99]. **Adaptivity** [SB84]. **Addition** [KSC99]. **Additional** [Heg92]. **Additive** [GC98, SA73]. **ADI** [CW97, DM79, Dyk87]. **Adjoint** [Don70, DKR68, EW96, JS98, Osb67, OS92]. **Admissible** [OPW65]. **Admitting** [CY77]. **Adsorption** [BK97a, BK97b, BK98, Bou98, DVW94]. **Advection** [AW95, Bec92, BHM+99, Daw93, EW96, FF98, Fun93, GSY92, LeV96, Mat98, RS92, VS97, Cha84b]. **Advection-Diffusion** [Bec92, BHM+99, Daw93, Fun93, Mat98, VS97, Cha84b]. **Advection-Dominated** [AW95]. **Advection-Reaction** [EW96]. **Advective** [Daw91]. **Affine** [BD99, DH79]. **Aggregation** [CM84, Hav87]. **Aggregation/Disaggregation** [CM84, Hav87]. **aided** [JP92]. **AIDS** [ILM+96]. **Airfoil** [MS97a, Scu98, Mos83]. **Algebra** [Bab72, BL80]. **Algebraic** [AC90, AP91, AP95b, ABDH95, AV90, BGM96, BP89, Bro95, BP90, Cas82, DTW76, Eic93, FF70, GGM99, Gay83, GP84, HMM98, Her75, JK96, KG91, Kno92, Kun75, KM96, Lee91, LPG91, LM90b, LM90a, McC82, Ost64, Ost65, Pet98b, Pet86, RW95, SW94a, Sch90a, Asc89, BH93, Gea90, HS87, MMR88, MP78a, MP85, Mur82, Roc89]. **Algebraically** [Bur82, HW81, Bur87]. **Algorithm** [AP83, Alo97, AH77, Bac80, BT99, BPR72, BR73, BR78b, BS79, Ber95, BB71, Bog77, Bör90, BPV97, Bre92, Cad73, CF88, CW76, CGT91, DM95, Dör96, Drm98b, DL73, Dun74a, DT73, EH75, EA91, Erd65, FH72, GM78a, GPS76, GGK98, GCB74, Gir95, Gri74, Hel76, Hen66, HZ90, HY96, JT70, KS97a, Kau74, Kel95, KLM94, KW93, Lan77, Li88, Li98, Lin72, LM86, Mat72, MS73d, Nan85, PRS90, Prü82, PA73, RR87, Ree90, Rit90, Swe74, Swe77, TMV98, TH98, Tse96, Van75, Ver84, War75, Wat75, Wat79,

Wol80, Wyn66, YR99, de 68, AS85, AG87, Bea82a, BT89, BSS87, CF89, CO80, Die82, DS89a, EAVD79, EGLP85, FS87, Fra87, GL78b, Geo80, GL80b, GM89, HB86, HP78b, Jer88, Kar78, Ker86, Ker88, Mar78, Mey87b]. **algorithm** [Saa82, SW82, Sha78, Sor80, Toi79, Var85, VH93, Wan93b, Whi86a]. **Algorithmic** [Cad74]. **Algorithms** [AH74, Asc77, BR77, Ban77, BL98, Bre73, Car91, CHL91, Coh72, CGT89, DTW78, DMP75, DM92, DM88, DD93, DSW94, Dus95, DGR96, El 90, EG94, Gar78, GL78a, GM78b, GHK94, Gra65, Gut93, Hal74, HYS94, HKT92, Hel74, Hin72, Hop87, Jac75, Kro73, Lam71, LeV96, Les91, LVQ95, LS76, MW95, Mey76, Mil76, Per67a, PR98, RSK76, Ruh73, Sch71a, Ste65a, Sun96, Ver88, VAF98, Wal96, Wan92, Wan93a, WM67, de 78a, dR81, CW93, CG84, CGT88, Dou84, HHS78, Hor83, LM79, MP78b, Naz79, NO85, Pet89, Que89, ST78, Sch85, SC87, SSB85, Sid86]. **Aligned** [Ott96a]. **alloy** [Whi85]. **Almost** [GS91b, Hes98a, Kah69, Kee71, Mah82a, Sch86]. **Almost-Linear** [Mah82a]. **Almost-Triangular** [Kee71]. **Along** [ELW91, EYL89, MP85, Rus85]. **Alternate** [Var76]. **Alternating** [Bad91, BF99, BEL89, CJZ83, CP91a, DF75, DF76a, Den77b, Den77a, DGP66, Dry78, EZB83, EW91, FF91, GM69b, Hub65, Mat98, MH98, Prü82, Rac68a, Sta91, Sto73, Dun80a, Hay81a, KHR89, RBC79]. **Alternating-Direction** [CJZ83, DF75, DF76a, Hay81a, KHR89]. **Alternative** [Dut90, Enr93]. **Always** [KC74]. **Always-Convergent** [KC74]. **ambiguities** [CLNP89]. **Anal** [BCL89a, CGT89, Cra78, DF76a, DW82, GN83a, Gup85b, Hic97, HL82, Hil78, HEFS74, Jel79, Laz82, LL95, MR85, Pie71, Sob79a, Sym81, Wei95, de 78a, But65, Ost65]. **Analog** [BH65]. **Analogue** [Cry67, Esp94, GB89]. **Analogues** [BHZ68, Naz86, Ste71a]. **Analyse** [Cia75]. **Analyses** [GYF86, Mei83]. **Analysis** [ALY88, Arb89, Asa86, ABDH95, BR81, BDR92, Bai91, BS97b, Ban82, BS93a, BW68, BW69, BSW85, Ben92, BDM+95, BL92, Bia98, Boc97, BCMM98, BMM99, BFGP99, BPV97, Bra94, BQ86, BHM+99, BC99, Bun71, Bun74a, Cas88, Cha87, Che95, CE97a, Cia75, CJ96, COP98, DG98a, Daw98, DF84, Den75, DSW94, DN91, DNW98, Dub90, Eis67b, Enr89, EH98, FF98, FR87a, Fer86a, For78, FR68, Gol89, GV80, Gre84, GLBN97, Gre94, GO83, Hal74, HDS97, HV96, Hei94, HR90, HR97, ILM+96, IIMPL82, JP96, JS96, JPRT96, KS97a, KG91, KK98a, Kir93, KSC99, Lam67, LB97, LL98, LSZ97, LS76, Liu94, Lor84, LL99, LM92, MT89a, MG72, MS99a, Mil76, Mon92, MS94, Mor98, Nic92a, Nie99, NS93, Obi90, Oli74, Ott96b, Pal96, Pao99, PR98, Pet99, Rei99, Rul96, Saa92]. **Analysis** [SM96, Ske76, SS97, Sun99, Tan98, Tar96, TV96, VMSB97, Var67, VS97, VTG91, VIA96, VF93, Wan92, Wan93a, Wei92a, Wet97a, Wet97b, Woz74b, Zha97, vS89b, Bar88, BN89, Cha84b, CS87, CM88a, Chu87, EL96, EL89, FN80, FS91, FNO87, Gat88, GR82, GT85, GLT87b, JP92, Jer88, JS89, Ker88, LB96a, Lin88, Mey81a, Rom90, Rua89, SK87, SWC89, Sun83, Ver82, Vil89, Wan93b]. **Analytic** [BW68, BW69, CM65, EJL98, GGM99, GS96, Hen66, Let74a, Li83a, LM67, MS91, Pri76, Sle68, Ste75a, Wil78, BGO89, GV83, GHS96]. **Analytic-Numerical** [GGM99]. **Analytical** [Bec92]. **analyze** [DS89a]. **Angle** [ADZ96, Akr99, BA76, Kří92]. **Angular** [PS83]. **Anharmonic** [IIMPL82]. **Anisotropic** [AM94, Bec92, CDK95, Dzi99, Neu98]. **Anisotropically** [Nel73, AVG89]. **Antidiffusion** [LQ84]. **Antilimits** [CJ76]. **antisymmetries** [DS89a]. **any** [Jac84]. **AOR** [GHY83, PSP89]. **Appl** [But65, Ost65]. **applicable** [BR80].

Application [AB87, BH70, Buz77, CMM97a, CSS97, CD98, FU69, GM78a, GHS97, Ise81b, KM93, MR77, MF97, Mor72, Mor95, Neu98, Olv65, OR66a, OR67, PT97, Pet65, VW95, VIA96, WF97, Wyn64, Asc89, BM89, BN89, EAVD79, GS88, Gol89, LT88, LT89b, Mil79b, Ste80, Whi86a]. **Applications** [CDK95, Cor96, Dar91, DF91, DRV94, Drm98a, Gar78, Hel74, Hic96, Lee93, LTW91, Lor64, LT68, Ma95, MP77, MS97b, Pet92b, Pol74, Qn99, Van72, Var73, Var67, BMP89, DKW82, Del88, Del89, Dou84, GZ88, Hic97, LL83, Nic87, Whi86b]. **Applied** [AR95, AC98, BP90, Eic93, EC93, GGS94, HV96, KG91, LTW96, Pet86, PV72, Sch96, STW97, Tan98, Tra96, Yam75, Yav95, de 86, CT86, FSU85a, Gar81, SB84]. **Approach** [Alb87, Bak71, Bel69, Buc76, DE72, Dut90, Faz96, GANT98, Gol98a, Gol98b, IPS91, JS68a, JT97, Kru98, Kub70, McL74, MC93, Olv78, RT92, SS99, Smi68, Smi70, VMK97, DS86, GL88, JS83]. **Approaches** [Hil76, Hil78]. **Approximability** [KS97b]. **Approximants** [BT99, HP80]. **Approximate** [AT86, AH76, AE97, Atk75, Bor76, BO86, Bry68, Cal74, CW76, CR76, Che73, Che75, CP98, Cos71, DR65, DKR68, ET71, Fra71, GANT98, Gra71, GR96, Hen69, Hen70b, HR93, Kin72, Lin74, Lin77b, MJ77a, MT75, NT92, NT94, PCW95, Ros70a, RW95, San94, Sig76, Smi73, SH66, Ste75a, Ste70, Ste71c, Wah77, WW93b, BB88, BE79, Cha85a, Hac79, Jer88, KPJ82, MK80, RS89, Tav78]. **Approximated** [Ben92, BC94b]. **Approximates** [CW76]. **Approximating** [CD77, Dob92, GW92, Mon91, Pru73, TW93, LM88]. **Approximation** [AS80, AN66, Ain96, AH74, AC96a, Ans67, AH77, Aub68, AL78, BR70, Bao95, BG95, BL94, BK97a, BK97b, BPR72, Bar73, BR73, BR78b, Bas73b, BYLP98, Ber66, BLMPT92, BDSW66, BFGP99, BBG95, BJS73, Bou98, BH75, BS77, But64, But65, CK69, CFQ83, Cap99, Cha78a, Cha92, Cha73, CL64, CH97, CKL91, CHM88, CH94, Cur66, DDS80, DPZ87, DJ99, Der71, DRS95, DNW98, Dun71, Dun75, DC80, Dur83, EW72, EW76, EH89, Est95, Fal78, Far66, FGH74, Fun90, Fun93, GM75, Gor71, GLBN97, Gri74, Ham64, Han65b, HZ90, HR86, HR88, HR90, HY96, Hud68, HN75, IT91, JK91, Jim96, Joh75, Joh76, JK68, Jup78, KHK93, Kam76, Kem75, KL76, Kir93, KPH95, LS99, Lam76, Lan64c, LV90, LK74, LPG91, LT89b, LP91, LB96b]. **Approximation** [Loe66, LMST69, LM92, Man71, Man78, MG95, Mas73, MS66, MS99a, Mot66, MS65c, Mou65, Mou66, Mou68, MT68b, Mur71, NdF74, NV88, NV97, Osb67, Osb76, Ost64, Ost65, Pad97, Pel67, Por73, Red76, RHH99, Rei74, RD71a, RD79, Ros73, Ros70b, Row67, Row69, Rub64, San94, Sch70, Sch74, Sch90a, Sch82, Sch72, Sch69b, Sch69a, Sch69d, Sch69c, Sch68b, ST69, Sch69f, Sew66a, Sha74, Sho75, Sim68, Sta64, Sti64, Tal91, Tay68, TXZ89, Tse96, Uso67a, Uso67b, Vel92, Wat75, Wei69, Wei72b, Wei74a, Wei74b, Wil72, WO96, Zed66, vL92, AS85, AG87, ADK82, BO87, Bea82a, Bea82b, Ber82, BCM88, Bey87, Bra85, CFT84, DS84, Des81, Dob80, Don81, Dor84, Dor86, Dun80b, Dun80c, Dur88b, DN89, EAVD79, Ell83, EYL89, Gab85]. **approximation** [Ged78, GT82, Hei93b, HR82, IKP91, Jac88, Kam79a, Kam79b, Kam81, Kel81, KRD78, KR88, Lus79a, Mil79a, Mil79b, Nic82, Pet89, Rus85, Sam83, Sas78, SS96a, Sma88, Swa79, Swa81, Tre83, TG83, Var81, Whi85]. **Approximations** [BD76, BCM91, BD99, BSTW77, BT79, BT80, CGS92, CG98, CC92, CDMW98, CDMCW99, CD90, Cle64, Cos79, CDW96, Dav94, DO92, DMP75, Doe78, Don94, DG90, Dun97, ELW99, FL71, FT74, FHM67, Fra78, FR78, Fre90, Gek75, GCB74, Gus69, Hag76, Hag85, HL97, Ise81a, JY98, JP98, Joh69, Kee70, Kut70, Lor97, LT67, MQ82a, Mat72, Mir71, MTL96, Nor78,

OR76, PR95, Pat76, PV72, PS83, Prü82, QZ92, Rac73, RW89a, RW89b, Ric67, RC66, Rul96, Saa92, Sch79, Sem92, Son98, Ste76, Sto68, SP94, Tav77, TW70, Tho68b, Var71a, Var77, Wah75, Wat74, Wei71, Whe73c, Whe73a, Wig66, de 78a, Asc78, Bal86, BM89, BX89, CQ82, Cha86, Dav80, DS80, FN80, Gus81b, GK83, Hay81a, Hay81b, HHS78, Hop82, Ise79, Jam78, KK81a]. **approximations** [Kar78, Kro81, LN82, Lar89, Las84, MP78b, Nel86, Osh84, Rua89, Sam82, Sam86, SB88, Smi81, Str84, Wil79]. **April** [Hou73]. **Arbitrarily** [Nie99, Sec65b]. **Arbitrary** [CM74, CH97, Gov93, Hua75, MRW96, OS65, Swe77]. **arclength** [Mit86]. **Arguments** [AH76]. **arise** [SL83b]. **Arising** [AWZ96, CH94, HR95, Kee70, KK91, Osb76, PS80, Wim77, MR83]. **Arithmetic** [CO87, Cor83, Gar78, Han65a, HS67, Jac75, LO90, Olv78, RSK76, AR81, Ale84]. **Aronszajn** [Bea87]. **Arrow** [Que89]. **Arrow-Hurwicz** [Que89]. **articles** [Ano73]. **Artificial** [DW99, Kar96, RT95]. **Aspects** [HP75, Hel76, Mou65, Mou68, Wuy74, Bar88, DOR88a, DOR88b]. **Associated** [BIC66, Gai74, Mae82, Pla98, SLW75, dK86, DPZ87, KN85, Nie79]. **Assumptions** [Heg92, Wan92]. **asymmetric** [Rua89]. **Asymptotic** [AFM90, BH71, BP67, COP98, DP92, DE72, DS89b, FHK96, FR78, Gus80, Hag86, Kla98, Kla99, Küt84, Luc82, MTL96, Olv65, OS65, PFX95, SP94, Zla65, de 86, AS84, Gab85, Lee85]. **Asymptotic-Induced** [Kla98]. **Asymptotically** [DMR92, GLV91, Mah82b]. **Asymptotics** [HMM98, Gün88]. **Asymptotiques** [DS89b]. **Asynchronous** [El 90]. **Atmosphere** [SW99]. **Atoms** [FD98]. **attainable** [Cha85b]. **Atteia** [JS68a]. **attention** [BO87]. **attracting** [KL86]. **Attractors** [Lor97, Yan96]. **Augmented** [CGT91]. **Automatic** [And83a, BSW95, EJ87, GL78b, Geo80]. **Average** [Ale87, Joe99, Wil69]. **Averaged** [Bre84]. **Averages** [ADH99]. **Averaging** [Vas99]. **Avoidable** [BS97a]. **Avoiding** [BPTZ92, PT91]. **Axially** [Par65]. **Axisymmetric** [BFO96, Hei96].

B [But65, Ost65, Dah80, PR98, de 77, de 88]. **B-Spline** [PR98, de 88]. **B-Splines** [Dah80, de 77]. **B.G.K.** [Iss96]. **Back** [BF75]. **Backtracking** [LT98]. **Backward** [AE97, AL91, Car72, Cas81b, Fre98, HT82, JNT90, Mas90, Rei99, Sei96, VK90, Hay81b]. **Backward-Forward** [AL91]. **Backwards** [CSH78, KG91]. **Baines** [Mil92]. **Bairstow** [Boy77]. **Balanced** [GL96a, MPS98]. **Ball** [Nic81, Rit90, Xu89]. **Banach** [Pal93, Yam98]. **Band** [Dem77, Kee70, Kee71, de 80]. **Bandwidth** [GPS76]. **Bank** [Wal99]. **Barriers** [CR90, SI83, JS87]. **Based** [Ain96, AE97, ADH99, AMSS97, BS93b, Bar99, BS87b, Bog77, Bör90, Bro69, BC72, Cap99, CNP93, CK98, DD94, DE98, DR82, Hed79, HRR94, IT91, Lin92, Liu93, Mao95, MX95, MF97, May87, NV93, Per97, Riv84, Wan92, Jer88, Jet82, LB96a, Sas78, Sch83c, SSB85, SS80, Tru86]. **Bases** [BS93b, Bey92, BJS73, Can94, SLW75, Sha69, GH83, LS73]. **Basic** [Hes98b, IPS91, Nea92, RS89]. **Basis** [FD98, Lee91, Liu94, PL87, de 88, APS87, APR83, Hak82]. **Basset** [MS83]. **Bazley** [Yam75]. **BDF** [CLM87, Fre98, HW83]. **Be** [Rip92, DGB82, Fer73]. **Beam** [Car72]. **Beams** [BK73]. **Behavior** [CT83, Cos79, DJ99, Dun80a, LSS94, MTL96, Kau86, Lar89, MS89]. **BEM** [Car96, CG97, MS99c]. **Bending** [CS99, Kir93, MTF99, PRS90]. **Bending-Dominated** [Kir93]. **Bergman** [Eis74, BW93, Hud68]. **Bergman-Vekua** [Eis74]. **Bernstein** [Ros67]. **Bessel** [Der71]. **Best** [Aub68, Bar73, BP74, BB71, Bor76, BH75, CW76, Cle64, DMP75, DS97, FGH74, GCB74, GV74, Han65b, Hen69, Hen70b, Jim96, KL76, Lam76, Lan77, Lip73, MS73a,

Mat72, MS65c, Mur71, Rei74, RD79, Sch70, Sch74, Sch65, Sch66, Ser99, TW70, Wat74, Kro81]. **better** [BCL89a, BCL89b]. **Between** [Heb71, Rit90, IT80, KL82, LOR85, Naz79, PR86b, SW74a, Wol83]. **beyond** [DFK87]. **Bezout** [MSW95, SS96b]. **BFGS** [Naz79]. **Bi** [Jia86]. **Bi-Infinite** [Jia86]. **Bicubic** [BFB92, Bia93, CF85, Hal73, Sun96, BC94a, CF89]. **bicubics** [DHLR84]. **Bidiagonal** [DDLT91]. **Bidiagonalization** [Pai74]. **Bidimensional** [Ben92]. **Bifurcation** [AM98, Atk77, Dav97, JP96, JD86, Rhe78, Sch93, Sim75, Web85, Wer96, WV79, JP92, WS84]. **Bifurcations** [Gov93, GGK97, Hon93, Kuz99, CFQ83, GMS97]. **Biharmonic** [Bjø83, BD74, CC66, CC67, Ehr71, EG75, Fal78, Gup75, Han93a, Jeo94, McL74, Osw92, Smi68, Smi70, Bre89, May84, Mon87, Ros80, Zha96]. **Bilinear** [KT97, Pan97, Tal91]. **Bilinear-Constant** [Pan97]. **Bilinears** [CK98]. **binary** [Whi85]. **Bioreactor** [Ter98]. **biorthogonalization** [Saa82]. **Biot** [MTL96]. **Birkhoff** [AS69, CJMT74, DLR82, Fer74, Gla69a, Jet82, Jet87, LZ71, SP68]. **Birthday** [Bir83, MSW94]. **Bisection** [Riv84]. **Bivariate** [BW69, CJ75, CF90, Die90, Gor71, Man71, APS87, Mey87b]. **Bivariational** [RY86, RB79]. **Black** [Yav95]. **Blast** [Cho92]. **Blending** [Gor71, Wat77]. **Blending-Function** [Gor71]. **Blob** [Hou90]. **Block** [BS79, BB87, Cas82, CR86, CNP93, DD94, Ged81, Geo74, GHS97, HP75, Hel76, PSP89, PS80, PS82, PS85, SP88, She96, SW94b, Sun96, Swe77, BB88, Cha94, CM88a, Dem83, Fer86b, Saa80, Sha85b, WW88]. **Block-Centered** [DD94, WW88]. **Block-Elimination** [CR86]. **Blocks** [Cap99]. **Blowup** [Le 94, NE77]. **Bocher** [Mar66]. **bodies** [DPZ87]. **Bogdanov** [Gov93, Jan94]. **Boltzmann** [ABDH95, BI89, ELR95, Iss96, LC98, PSB97, Per90, Per92]. **Bordered** [Wer96]. **Bound** [BK98, But75, Heb71, Kam69, MSW95, PW96, STW97, Hat82]. **Boundaries** [HW93, Kar96, Rat95, Wah92, BG88, Len86, Rhe82]. **Boundary** [AP95a, AP73, AMT99, ABGM92, AD78, AL96b, BS96, BM96, BJR90, BR75, BR77, Ban77, BDH98, BHL96, BCV95, BCR75, BCM91, BL92, Bia98, BBG95, BNP91, BDLN92, BK77, BBS73, BH68, CW96, Cal74, Cal76, Can68, Can86, CS96, Cas88, Che73, Che75, CS90, CH94, CDW96, DM77, DW76a, Dia77, Doo66, Dor70, Dou93, DW99, DW76b, Dup76, Dut90, Eis74, EM88, Faz96, FHK96, FL71, FR78, FU69, Gai74, GGS94, GGS98, GK97, GW97, Gek75, Gek76, Gla69b, GG76, Gre91, GH92, Gup75, Her68, Hig84, Hig90, Hig94, DW78, HW97b, HW92, HZ94, JP67, Jen92, Jeo94, Jes78, JP98, Kac99, Kel74, KW75, KS97b, KS99, KT86, Kin72, Kin75, Kos73, KMR94, Kre91, Kus68, Lan77, LB98, LP77, LK80, LM90b, LP91, LMS87, Li91]. **Boundary** [Lin90, LR72, Man78, MP90, MW92, MG95, MJ77a, Mat82, MT75, McL74, Med98, MS99a, Met94, Mil69, Mir71, Mit77, Oli74, Ols77, Par99, Pol74, Red76, Reu92, Reu94, RSE69, Ros70a, RS75, Rus77, RC78, RT95, Sac71, SS95, SV96, Sch90a, Sch72, Sco75, SW77, Sha68, Sha69, Sho75, Sig76, Sin77, Smi73, Sta99, SWB90, SHR96, Tap69, TKJ94, Var71a, Var71b, Var77, VF93, Wah75, Wat79, Wei86, Whe73c, Whe74, Whe77, Wig66, WO96, WH97, Yam98, Yan94, Yse86, ZB96, ZWW94, Zla67, ddd83, dd86, dC90, dW79, Asc86, BM87, BvA94, BC94a, BR88, Bog85, Cha86, CK85b, Cle81, DO79, Doe79, DR84, Dor86, Dou84, DS89a, Dut88, FKD84, Fer86a, Gar88, Gol89, GMP93, GGT82, GLT87a, GLT87b, GGL79, GZ88, Gui87]. **boundary** [GHS96, Gup85a, Gup85b, Gus81b, Hag86, JB88, JS89, Ked81, KP79, KS87, KNB86, Lay83a, LOR85, Lin88, LP78, Lus79a, Lus79b, MW86, MN84, Mey81b, Nic87, OR86,

Pas79, PR82, Rin84, RS87, Sch80, SS96a, Smi81, WL95, Wei89, Whi79, Wom89, Zho83]. **Boundary-Layer** [AP73]. **Boundary-Value** [DM77, MW92, MJ77a, Whi82c, Dor86, Whi79]. **Bounded** [FP91, Li83a, Rub64, YZ94, Yin95, Bas85]. **Bounding** [CK69, Han92, Jac75]. **Bounds** [Alf96, BR70, BI66, BJ93, BT69, CM87, Che73, Che75, CH72, CGT89, CGT91, CR79, CW78, DM98, Don73, Don70, DD96, Est95, Fie78, FHM67, Gar78, Gay81, Gay83, GT74b, Güs81a, HS68, Han65b, Hen70a, Hic96, HK91, HMR73, Hol78, Hug98, Joh69, JS69, JT71, Kut82, Küt84, LW81, LK74, Les91, Let71a, Let71b, Let74b, Lin91, Loc73, Luc74, MT75, Mil92, MP68, OS65, Pet92b, Pri76, Rei68a, Rie71, Ros70a, San94, Sec65a, Ste71c, Ste77, TT95, Wat77, WGS90, BC94a, CGT88, DKW82, DS84, Gar84, GV83, Hic97, JTW83, KPJ82, Ked81, Luc85a, RB79, Sch71b]. **Boussinesq** [Win82]. **Box** [BR87, Ker96, Str72, AD92, KL82, MN84]. **Branch** [VMK97]. **Breaking** [Jan94, CFQ83, WS84]. **Brenier** [LeV88]. **Brent** [Mar79a]. **Brouwer** [KLY76]. **Brown** [Mar79a]. **Broyden** [DK85, Gay79, GL81, Gri87]. **Broyden-like** [Gri87]. **bubble** [Pie95]. **Bubbles** [BHM+99]. **Buchanan** [Jan83]. **Burgers** [E92, KK98b]. **BVP** [dM87]. **BVPs** [DOR88a, DOR88b, dK86].

C. [LE72]. **Cahn** [EF89]. **Calculate** [Pet92a]. **Calculating** [Bac80, GK65, Gre99, de 77]. **Calculation** [Dun74a, GCB74, GH92, JS85a, Lyn67, Ma95, Mid66, MT68a, NE77, OT75, TW70, Wat74, MS80]. **Calculations** [CS94, Kam69, JMP83]. **Calculus** [GW90, GL93, LVQ95, MW95, MW92, Sim69]. **Can** [Jam77, Rip92]. **cannot** [DGB82]. **Canonical** [IS90, SSA91, OS92]. **Capacitance** [Kam69, Dry83]. **Capturing** [LO96, Lev82]. **Carathéodory** [GT82, TG83]. **Cardinal** [CJ75, ST76, Lee85]. **Carleman** [Ahl66]. **Carlo** [CM92, LC98, MC90, MC93, Owe97, Ros67, Sas78, Spa71, YKS78]. **Cartesian** [CGY98, MDH+99]. **Case** [Alo97, AL96a, BR77, Ban77, Bur90, HMM98, HMMR95, JV96, Rac68b, BO87, DS89a, ST95]. **Cauchy** [Atk72, BJ93, Bia89, CD67, CD77, CM88b, ED77, FR85b, FP95, Ger86, Ger89, IT80, Ioa81, Mie86, Mon86, RHH99, Ros81, Rul96, VMSB97]. **Cavities** [Laz82, Laz81]. **Cavity** [BK99]. **cebysev** [MS65c]. **Celis** [EA91]. **Cell** [AWY97, BS97b, KSS80, VMSB97, VA91]. **Cell-Centered** [AWY97]. **Cell-Vertex** [BS97b]. **Center** [Ma95, Shi66]. **Centered** [AWY97, DD94, Mad75, RR80, Rat80, KN85, WW88]. **Centers** [MS91]. **Central** [JLL+98]. **centre** [JP92]. **Certain** [Aal72, Bak68, Buc77, CH72, Don94, Eis67a, GM69b, Gup75, HLY80, Hen69, Hil76, Hil78, Ise81b, Kee71, KMR94, MG72, MT68a, Sta64, Ste70, ST67, Tho76, Var76, Eva80, Han93b, Hat82, Her85, Sle82, Smi81]. **CF** [Tre83]. **cg** [PRS90]. **Chain** [BD99, Hav87]. **Change** [BGT97, BW90b, DW81, DW82, DW93, Ip87, WW90, DW85]. **Changes** [Fer74]. **Changing** [Epp82, Gut93, Kro73]. **Characteristic** [Abl72, Ber95, CM90b, DVW94, Hug98, LMS97, Ste75a]. **Characteristic-Galerkin** [DVW94]. **Characteristics** [AW95, Bro77, CK69, DL95, DR82, O'S90, SW91, DRW89, Dur88b, EYL89, Jer88, KHR89, Rus85]. **Characteristics-Mixed** [AW95]. **Characterization** [AS69, GV74, GR84, Lin77a, RR86, Ric67, Sch74, SW94a, Ste75b, Wil79, Her85]. **Characterizations** [Bor76]. **cheater** [LSY89]. **Chebyshev** [Asc77, BT99, BR70, Bas73b, Bas73a, BCM88, Bor76, Bra85, BQ86, BH75, Can86, Cha78a, Cha69, Chu72, Cle64, Coh71, DG94, Dun71, Dun80a, Dun80b, Dun80c, DS68,

DT73, ES76, EW76, Fun87, Fun90, GTV90, Ged81, GGK98, GL83, Gün88, GL96b, GT82, Heb71, HZ90, JK68, Kam76, Kar78, KP96, KP97, Kim76, Ma98a, Ma98b, Mil66, Mou66, Mou68, Mur71, Ric67, RJ69, Rie71, Row67, Row69, Sch68b, ST95, Tad86, Tre83, Tse96, Wat75, Wil72, Wil79]. **Chebyshevian** [GKR70, KZ66]. **Chemical** [Fin71]. **Chernoff** [NPV93]. **Choice** [Pet87, SEK93, HL81, Neu88, Vog86]. **Cholesky** [Mei83]. **Choose** [Ser99]. **Chorin** [Wet97b]. **Circle** [BT99, BP80, DC80, GM75, Kah67, Let71c, ML92, Sch98b, Tse96]. **Circulant** [CJY91, CY92, CY93, Che87, Cha89]. **Circular** [BK99, Gar78, Lin92, Ban83, HB86]. **Circularity** [Tre83]. **Class** [BCO94, BGM96, BP96, Buc66, BS94, But81, Cho78, CGT89, DM92, Ebm98, Fai94, FF98, FF91, Gus70, HL84b, Hin72, DW74, IT91, JT95, KM96, Küt84, LVQ95, Lov96, Ma95, Nic72, Nic73b, Osb67, PP73b, Pri76, PFX95, Rau73, RS95, Rhe68, Rhe78, Sar90, Sim68, Tav77, Tre72, Voi71b, Wat79, Wet97a, Wid78, Xu92, Yam75, Yav95, dR81, AE84, Bun81, BNY87, CK85b, CM88a, Cle81, CGT88, DK85, Epp84, Fer86b, FST87, Gab85, GGL79, Jet82, Joh88, LSY87, MR83, Vil89]. **Classes** [Sch74]. **Classical** [NS93, Not91, Ell82, Ell84, IT80]. **Classification** [GM69a]. **Clenshaw** [LE72]. **Cline** [BCC78]. **close** [LOR85]. **Closed** [Atk72, For73, Gir95, SS93, SS95, SV96, Ste71c]. **Closest** [CR90]. **Closure** [LO90]. **Clough** [Per76]. **Clusters** [Ost70]. **coalescent** [Far85]. **Codes** [SZ90, Ste79a]. **Codim** [Kuz99]. **Codimension** [Gov93]. **Coefficient** [BR75, BR77, Ban77, EW96, SLW75, TW74, CS87, Dai92, GHY83]. **Coefficients** [AWY97, BCO94, BS97b, BGT97, BTW93, BDLN92, Bra94, Dej67, Día79, Eis66, EL97, For66a, Gai66, Hos95, JP67, KM96, LS72, LL94, Lyn67, MDH+99, OPW65, Oet65, PK90, SSA84, She96, Vav96, WB98, AW83, Bal86, LL95, Sch89b, Sun79, Vin86]. **coercive** [Des81]. **Coexistence** [LGMMV92]. **Cohn** [Gar71]. **Collapsing** [Laz82, Laz81]. **Collection** [Ano73, Pre73]. **collinear** [Dav80, Sor80]. **Collocation** [Arc77, Arc78, AD78, AW83, Asc86, AB86, Bar99, BFB92, Bia93, Bia98, BF99, Bru90, CW96, CP91a, CW78, Dia77, Dou93, DW76b, Egg83, Fai94, Fun93, GGS98, GYF86, HKL77, DW78, HVR88, KP96, KP97, Koc84, LB98, LFB98, LSX90, LR72, PR95, Phi72, PR76, QZ92, Rin92, Rus77, RS97b, SV96, Scu98, Sin77, Sun96, SHR96, Sun99, SW74a, Swa88, Wei86, Whe77, Whe78, YF92, Zan99, dS73, AS84, AGS83, BC94a, BQ86, Bru83, Bru84, Doe79, DHLR84, Ell82, Ell84, Gar81, GL83, Hu96, Joe85, Kum88, Mie86, PR86a, PW80, Rin84, Zen85, Día79]. **Collocation-** [Día79]. **Collocation-Finite** [Whe78]. **Collocation-Galerkin** [Dia77, DW76b]. **collocation-type** [Kum88]. **Color** [KL89]. **coloring** [CM83]. **Column** [Var76, GN83a, GN83b]. **Combination** [Pfl97, War75]. **Combinations** [Li91]. **Combinatorial** [Prü82, GM78c]. **Combined** [Bro87, FFLMW99, GM93, HM85, PS83, Dur88b, KHR89, Li83b]. **Combining** [DR82, Szy88]. **Comment** [Næv91, de 78a]. **Commentaries** [CGO07]. **Compact** [AC83, Atk75, CS94, DF84, Fer74, HKT92, PR82, Wei74b, Gar88]. **Compactly** [Bey92, Can94]. **Companion** [Kam78]. **Comparative** [LS76, FR85b]. **Comparing** [HEFS72, HEFS74, JEH78]. **Comparison** [Bar70, Cle64, Fav64, LTW95a, May87, Mil76, NK97, NS93, RC66, Rus77, Str68, Wal73, Ban81, IT80, Ral80]. **Comparisons** [de 78a, HHS78]. **Complement** [Man90]. **Complementarity** [Les91]. **Complete** [Cas69, Gra71, SW94a, Sid97]. **Completely** [Atk73, Kam76, Pal96, SV94, Kam79a, Kam79b, Kam81]. **Complex** [BT99, Bar65,

Bar69, Bor76, CY93, EW76, EW91, Gau70, IT95, Joh78, Kin74, Lor97, Nav65, Tse96, Wei94, Wil72, Bru80, CM88a, Mie81, Pet89, Rei88, Saa87, Tre83, Wei95, Wil79]. **Complexity** [Boj84, HMR73, Kun75, SS96b]. **Complicated** [DJ99]. **components** [Hig84]. **componentwise** [Pan85]. **Composite** [BH75, CM90a, DH71, ELV94, Ise84, LW98, Tur77, Cas81a, SDC88]. **Composition** [Rei96]. **Compound** [DL75, Köh95]. **Compressible** [EV96, KL96, KL97, Per92, San98, ZH91, ZH94, EYL89]. **Computable** [CW78, Gar84, MT75, SW85]. **Computation** [BK73, BIC66, BK97c, Bra66b, Can94, Car74, CGO07, CG93, DR90, DL95, DRV97, Dol99, DAB99, Drm98a, Fra78, FD91, GGM99, Gau70, Gov93, Gov97, Hon93, JPRT96, LGMMV92, LS73, Mal77, MR77, MS99b, Moo96, Ned78, Pat76, PA73, RSK76, Rhe82, Sch93, SP88, Spo94, Uso67a, Uso67b, War77, Wei94, Wei95, Wer96, Boj84, Bun81, Cha78b, Cuy87, GR84, Gut83, Hac79, Kun88, RR86, Ste79b, Vin86, WS84, Wil79]. **Computational** [Bau74, BFGP99, DOR88b, FM67, Gra87a, Gus70, JRB95, KLY76, Kun75, Mou65, Mou68, SW77, Moo78, Xu89]. **Computations** [BW76, Han65a, HS67, Mer66, Mül84, BR78a, Pai79]. **Compute** [Cha73]. **Computed** [DMW83, ST91]. **Computer** [HY96, JP92, SB77a, Sch83c]. **Computer-aided** [JP92]. **computer-based** [Sch83c]. **Computers** [PO87, Sch89b]. **Computing** [AGM92, Alo97, BT99, BG95, BD90, BS79, BB71, Col98, DMP75, Drm98b, Erd65, GBIY71, Gay83, GMS97, Gus73, HP68b, HP68a, Hav87, Hos95, Kar78, Kut74, Nob66, SS74, Tuc69, Wal96, vS87, BSW85, DK81, Hof85, Mar78]. **Concept** [FSU81]. **Concerning** [BP80, Chu72, Dan70]. **Condition** [BA76, BBG95, CMSW79, Dun71, Kre91, Kří92, Lin91, MTTW99, OC84, Ric66, dK86, de 88, BO88, Dem83, Dix83, GMP93, Mil79b, Osh84, Ste80, Wat81b]. **Conditioned** [Bog77, FH72, Pel67, Var73]. **Conditioning** [AMT99, LM90b, LM90a, Mat82, MS73b, PR86a, Swa88, dM87, BS89a, BB88, IT88]. **Conditions** [BM96, BJR90, BDH98, Bec92, Ben96, BCV95, BCM91, CDW96, Dou93, Fer73, GH92, HW97a, Hig90, Hig94, HW92, KT86, Kos73, Lin90, Luc74, MP90, MG95, Met94, Mur97, Red76, RT95, SSA91, Sco75, Sew66a, Var71b, Var77, Wil70, WO96, dC90, BCM88, Can86, DW85, Dut88, FM84, Far88, FP86, GMP93, Hag86, Hig84, Lus79a, Lus79b, SO97, Tad88]. **Conduction** [Mas90]. **Cones** [BP74, DMP75, JD86]. **Configurations** [Alo97, Mey87b]. **Conformal** [DeL94, Dri99, Nit89, Weg86, Rei88, Tru86]. **Conforming** [Cas97, Osw92, Sem92, BR85, Zha96]. **Conic** [Dav80]. **Conical** [BDLN92]. **Conjecture** [BP80, LE72]. **Conjugacy** [Buc76]. **Conjugate** [AMS90, Coh72, Dan67, Dan70, Eis83, GHK94, Gut93, KN72, Lue70, Man90, Pla98, Rei72, Rit75, FM84, For79, Gut83, JMP83, Naz79, Nic87, SSY88, Sha78, Ste83, Vat88, Win80]. **conjugate-gradient-type** [SSY88]. **Conjugation** [DRS95]. **Connected** [BS77]. **Connecting** [FD91]. **connections** [VSM80]. **Conquer** [ST91]. **Conservation** [BCV95, Ber87, BG98b, CN97, CM90b, Coc89, Coc90a, Coc90b, CCL95, CG96, CGY98, CF93, Cor96, GV91, GLBN97, Har90, JY98, JLL$^+$98, JX98, KR94b, LTW96, Lav91, LTW95a, LMS97, LW98, Liu93, Ma98a, Ma98b, MKT93, Mao95, NT92, NT94, Pet87, Şab97, Sch90b, STW97, SB93, TT99, TT95, Tan98, Ten92, Ten94, TW93, Vas99, Ber86, Bre84, BO88, CT86, HL81, Lav89, LeV88, Lev82, Lev85, Luc85b, MT89a, San85, Swe84, Tad89, Vil86]. **Conservative** [BC99, DD94, Dk99, LeV96,

Mah82b, Ber86, SO86]. **Considerations** [Can83]. **Considering** [BS97a]. **Consistency** [BN76, PSB97, SJ77, WW93a, WW93b, You72b]. **Consistent** [Asc77, Cad73, Cad74, Eis67a, LPG91, You72a]. **Consolidation** [MTL96]. **Constant** [BR75, BR77, Bra94, Pan97, SLW75, hTZ97, Vér90b, AW83, Mar83]. **Constants** [GGM99, Gri86, Gün80, Hof76, Law67a, Let74a, SWW97]. **constitutive** [LB96a]. **Constrained** [BV92, Buc76, Byr90, CR90, Con73, CP77, EA91, Fon90, Hag75, Han65b, Hei98a, Jay96, JK68, Lue70, MS91, PT91, Pie69, Pie71, Pot93, Rei96, Rit75, Sto71, Wei92b, Yen93, Bar88, BT84, BPTZ92, BSS87, Dem87, Don81, FST87, Fon88, Gou89, KR88, NO85, Van85, Var85]. **Constraint** [AL96a, CKS95]. **Constraints** [BR78b, BM88, Bur90, CD90, CGT91, Eic93, Eld80, KP78, Kel69, Tap74a, Tap74b, BN83, Bra85, BRD81, Cor81, MP78b]. **Constructed** [CY92]. **constructing** [Mey87b, VH93]. **Construction** [BC89, CJ96, Doe78, EN83, Eis67a, HP77, JK68, Mil69, MP78a, Seg72, Str68, Wil81, BE88, Esp87, MP85]. **Constructional** [Pet65]. **Constructive** [DM88, GW83, KLY76, Sch72]. **Consumption** [BCR75]. **Contact** [CG97]. **Contained** [Fri71]. **Containing** [Rei68b]. **Contains** [Kah67]. **Contaminant** [BK98, DVW94, Daw98]. **contamination** [EYL89]. **Context** [NE77, GB89]. **Continuation** [Avi74, CM65, Dav97, FD91, Hen66, KX94, KK98a, Mit87, Say67, dG81, dR81, Car94, CHM88, Kar78, Mit86, Rhe80b]. **Continued** [Fie78, GW83, JS69, JT71, Mer66, ST67, Van81a, Wyn64, JTW83]. **Continuity** [DLR82, Kee90b, MW94, Str66, WW83, Car94, KW85]. **Continuous** [Atk73, BP96, CDMW98, Dia77, DRV94, DRV97, Enr93, EH98, JV96, JK68, KM99, Mey87a, PT97, San94, Sch70, Uso67a, VF93, AGS83, Bak80, Enr89, FR87a, GB89, LP78]. **Continuous-Time** [CDMW98, JV96]. **Continuously** [JW91]. **Continuum** [DN91]. **Contour** [GTV90, Bia89]. **Contours** [Bar65, ED77]. **contractive** [Lin83]. **Contractivity** [BJZ94, BT97, in 96, CH95]. **Contrast** [Ver90a]. **Control** [AGH97, Ben96, BJMT73, BD99, Enr93, Est95, Hag75, Hag76, Hag90, Hig89a, JNT90, JRB95, KX94, KT97, MTTW99, San98, SH95, UTK96, Don81, Enr89, EJ87, Joh88, SC87]. **Controlling** [WGS90]. **Convection** [CS98, DR82, EC93, FR92, FFLMW99, Jer88, LMV96, MG95, Ric91, CFQ83, EL89, Fis82, KHR89, SB84]. **Convection-Diffusion** [CS98, EC93, FR92, LMV96, MG95, Ric91, EL89, KHR89]. **Convection-Dominated** [DR82, Ric91, Jer88]. **Convective** [ELR95]. **Convective-Diffusive** [ELR95]. **Convenient** [Tad88]. **Convergence** [AH74, And83b, AV99, Atk68, Atk75, AC98, Bab71, BS87a, BP96, BG95, Bar65, Bar69, BHL96, BCV95, Bia98, Bol72, BSTW77, BKP94, BC95b, Bre75, BDGB83, Bro87, Bub78, Bub85, Byr90, CL89, Cal74, Cal76, Car91, Cha78a, CHL91, CM99a, CfXmZ99, CS72, CS74a, CS75, Cha73, Che88, CE97b, Che98, CCL95, Coh72, Col98, CGT89, Coo78, Cop90, CF93, CGH91, Dan70, Dav94, De 73, DK82, DKK83, Dem77, Den74a, DW81, DW82, DV97, DD93, DNW98, Dun74b, Dur88a, E92, EH75, Eic93, Eis66, Eis74, EA91, ELR95, EL93, EL97, ES98, EH98, EMB71, FF98, FX95, Fie78, Fin71, FL71, FSU81, Fra87, Fre90, Gar93, Gay79, GW74a, Gek75, Gir95, GS91a, GJL99, GC96, GLT87a, Gri86, Hag76, Hal79, Hal87a, Hed68, Hoh99, HM76b, Hou90, HLK91]. **Convergence** [HW92, HW93, HVR88, Iss96, IR99, JK96, Jam73, JR75, JD86, Jer73b, Jer80, Joh76, JP83, KN72, KR72, KK98a, Ker71, KKP94, KK91, KR94b, LTW96, Las84, LQ84, Les91,

LB90, LB97, LTW95a, Löt92, Mad71, MN87, Mar79b, Mat98, McC94, MS98, Mey76, Mil66, MS94, Mor71, Mor97, Mor95, Nel73, Nel86, NT92, NT94, NTT94, Neu98, Nic73a, NR72, Nic92a, NV97, O'S90, OR72, Ort73, Osa90, Osh85, OR93, Ott96a, Per67a, Pet91, Pfl97, PV72, PP73b, Por71, PH73, Ral74, Rau73, RS95, Reu92, Reu94, Rhe68, RV74, Rit90, RW96, Şab97, Sam82, Sch98a, Sch73, SZ99, Sch90b, Sch96, Sha66, SZ90, SFS86, Sid86, Sid97, SF79, Ste76, Ste75b, Ste74, Sül91, ST67, Tad89, TE98, Tan98, Ten92, TYZ95, hTZ97, TW74, Tho76].
Convergence
[Urb91, Van72, Vas99, Vat88, Vic80, VTG91, VA91, Voi71a, Voi71b, Wal67, Wan92, Wan93a, Wan93b, Wei93, WL95, Wig66, Wim77, Wyn66, YB96, YZ94, Yin95, Ypm84, ZZ98, de 78b, Ale84, AVG89, AS84, BI89, BD85, BBT82, Bea86, BT89, BH83, Bub86, BNY87, CC84, CGT88, CM88b, CL84, DH79, Dob80, Dun80b, Ell84, Far88, Fer86b, FST87, Fon88, For79, GV89, Gou89, Gri87, Gus81b, HLN83, Hof78, HP78b, IT88, Jac88, Jam80, Ker86, LM88, Li83b, LB96a, MM84, Mil79b, ME81, Moo78, Mur82, Neu88, Pan85, Que89, Rau85, Saa80, Sha78, SW85, SSB85, SL83b, Sor80, Toi79, Var85, WW88, Wig87, Win80].
Convergent [AP83, Bro69, CGT91, DM95, Dör96, FMOS96, KC74, Mad75, MP77, Nic81, Osa90, Rey72, Wat79, ZH94, CL92, DGB82, EHP87, Kun88, Sch86, Sty89].
Converging [CP77, Laz82, Pol74, Laz81].
Converse [Neu97]. **Convex**
[Afr70, BC94b, DMP75, Dol99, GG90, Gir95, GW74b, HLLnWJM98, Kel66, MS91, PR77, Sch68a, Van67, Wil74, Bea82a, BO88, BNY87, Grz85, KRD78, Pet92b]. **Convexity**
[Bar73, Cle90]. **Convexity-Preserving**
[Cle90]. **Coordinate** [Eic93]. **Coordinates**
[ZW94, Rom90]. **Copositive** [HY96].
Copying [DS92]. **core** [NW89]. **Corner**
[BJR90, Bre98, Fra78, Wig87]. **Corners**
[DRS95, Don69, Lee92]. **Corrected** [KR97].
correcting [GM89]. **Correction** [AC83, BV92, BPR72, Cas88, CGT89, Dan70, DL73, SA73, Bar88, Dun80c, EL89, Kau86, Pas79].
Corrections
[BF75, Cas88, DM77, KP79, Ske82, Ske86].
Corrector
[DH71, Hal74, Jac86, Lam67, Lam71, Zen85].
corresponding [Gün88]. **Corrigenda**
[Gup85b, MR85]. **Corrigendum** [Jel79].
cosine [Hop82]. **Cost** [BD99, Gra87a].
Cotes [AF68, RM77]. **Counterexample**
[Wah92]. **Counting** [Sch83a]. **Coupled**
[Ben96, Ehr71, IIMPL82, LL96a, McL74, Pao99, Smi68, Smi70, Cha85a]. **Coupling**
[BM99, Car96, CG97, CS90, GW97, Med98, MS99c, Gui87]. **Covariance** [Wil69].
Covolume [CK98, CKV98, DNW98, NW97].
Crank [BF99, Jam80, KW76, MH98].
Criteria [BQ76, JR75, RM77, Szy88, BB79].
Criterion [Gar71, JEH78, Jan83, NR72].
Critical [Gol77, DFK87, Rhe82].
Criticality [Mil81a, DL82]. **Cross** [SV70].
Cross-Positive [SV70]. **Crystal**
[Alo97, LL89]. **Crystalline** [Gir95].
Crystals [DG98a]. **CS** [Pai84]. **Cubature**
[Cha68, CJ75, HP77, Let70, Let71a, Let71b, Let74a, LS97b, Pri76, Str73, Tay95, Wil74, WB86, MP78a, MP85]. **Cubatures**
[Bar69, Fra73]. **cube** [Duf82]. **Cubic**
[Arc77, Atk68, BDSW66, Cle90, CM99b, EJL85, FC80, Hal73, HVR88, Huy93, Joh69, KR72, Ker71, LL98, Luc74, MST88, Per76, Pow69, Sun99, Bea86]. **Cubics**
[BW89, HS97, Hed79, PS92]. **Curl**
[Nic92b, NW97]. **Currents** [Ned78, NW89].
Curvature
[BG95, CDK95, DP98, Gir95, NV97, Wal96].
Curvature-Driven [NV97]. **Curve**
[Dzi99, Gir95, Row67, Bea82a, Tre83].
Curved [Gue92, Zla73, Zla74, BG88, Ber89, EHP87, Len86]. **Curves**
[Atk72, DRS95, For73, Moo96, SS93, SS95, SV96, Tra96, GU88, Hof85, Wix78].
curvilinear [Rom90]. **Cusps** [Lee92].

Cuthill [LS76]. **Cuts** [LB98]. **Cutting** [DM95]. **Cycle** [Bra94, BH83, McC85, Neu98, BKP94]. **Cyclic** [DF76b, DH71, Hel76, McK79, Sch89b, Swe74, Swe77]. **Cylindrical** [Asa98, PCW95].

D [de 78a, Gui87]. **D.** [Wuy70]. **DAEs** [AL96a, BM96, AC98]. **Darboux** [Gen84]. **Data** [Bre77, BS77, BT68, Can68, CK69, HS97, Har96, HT82, Jup78, LS97a, Lan64a, LT89a, SS89, Sec65b, Wah77, BGO89, CR79, Die82, GHS96, Jet82, MM79, Rag85, Sam83, Vog86]. **Davis** [Cha69]. **Deblurring** [Car99]. **Decomposition** [Ain96, BGT97, Ben95, Ben96, Bia93, Cha87, CHL91, DD94, DDLT91, Dri99, Drm98a, Drm98b, ELPV93, GK97, GOQ97, Hei93a, HS99, Van76, Man90, MSW95, OPF97, PS81, TE98, TMV98, Cha84a, FQZ88, Scr91, Wan93b]. **Decompositions** [AMSS97, ASW93, Pai84]. **Deconvolution** [Lin92]. **Decoupling** [MH98, Ker88]. **dedicated** [Ano73]. **Dedication** [Isa86, MSW94]. **Defect** [AC83, Enr93, Hig89a, EL89]. **defect-correction** [EL89]. **Deferred** [Bak71, BV92, Cas88, DM77, Bar88, KP79, Ske82, Ske86]. **Deficiency** [wECGS94, RR86]. **Deficient** [DS97, LW92, Wei92b, LSY87]. **Defined** [OPW65, dC90, AS85, AG87, GU88]. **Defining** [GGK97, GR96]. **definite** [Chr91, GHY83]. **Definiteness** [Van72]. **Deflated** [Cha84a, CR86]. **Deflation** [For78, Nic87]. **Deflations** [LT68]. **Deformation** [Kir93]. **Deforming** [JW91]. **Degeneracies** [Jan94]. **Degenerate** [AWZ96, CH68, Ebm98, FP95, Hil68, Jam77, Kus68, LB96b, NV88, RW96, Fre87, Hof85]. **Degenerating** [CT83]. **Degradations** [CSH78]. **Degree** [Die90, DS97, GM78a, Gun74, HP77, HY96, Kin74, LS97a, OT75, Str67b, Str69a, SCWM71, Str72, ASW93, BE88, GL80b, Man82]. **Degrees** [WB86]. **Delay** [AP95b, BP96, EH98, ITM91, TK96, de 86, FN84, WR85]. **Delay-Differential** [ITM91]. **Delay-Differential-Algebraic** [AP95b]. **Delays** [TK96]. **d'Éléments** [Cia75]. **Delves** [Li83a]. **Delves/Lyness** [Li83a]. **Dennis** [EA91]. **Denoising** [DV97]. **dense** [Hor83]. **Densities** [Ale87]. **Density** [BLMPT92]. **Dependence** [HV70, Kre91, Pow69, Uso67a]. **Dependent** [ARW95, CS98, DR90, Den75, Den77b, Día79, GP98, GW90, GL93, Lin97, van84, AF86, Bal86, BR85, FN84, Hag86, Tav78]. **Depending** [Chu90]. **Derivation** [BC73]. **Derivative** [Bro77, Cas81b, Enr74, MS65c, Mou65, SD77, Wim70]. **Derivative-Free** [Wim70]. **Derivatives** [Don94, GM97, Hau71, JW91, KL76, MS66, MS88, Rei68b, Sch69f, Woz74b, van79, CM88b, Hu96, SB88, Swa81]. **Derived** [GGM99, Wyn68, SS83]. **Descent** [Cli76, Nas70, WM67, BT84, CG84]. **Description** [Kar78]. **Detection** [ALM92, CLMC92]. **Determinant** [Hel74]. **Determination** [Can68, Joh78, Mel87, Sim75, Sin73]. **Determined** [Cli76]. **Determining** [DT73, Sle68, Wat81a]. **Deterministic** [BD99, HV98]. **Deux** [Cia75]. **Development** [Bro95, Cas88]. **Developments** [Wyn64]. **Développements** [DS89b]. **Deviating** [AH76, Mee80]. **Deviation** [Row69, Sch65, Sch66, Kro81]. **Deviator** [Mot66]. **Device** [CC94, Asc89, Ker86, MS89, RS89]. **Devices** [ZWW94]. **Diagonal** [AMT99, Bea76, Bun71, Jam73, KSC99, Mor72, WS93, Bun81, Sha85b]. **Diagonalization** [BS79, GHS97]. **diagonalize** [Dem83]. **Diagonally** [Ale77, BD90, BT97, BJ97, in 96, vS89a, BC89]. **diagrams** [JP92]. **Diamond** [AS80]. **Dichotomic** [EM88]. **Dichotomies** [de 80]. **Dichotomy** [LM90a, dM87]. **Difference**

[Abl72, AS80, ADZ96, Akr99, BH65, Bra66a, Bre75, Bre77, Bro87, BC73, Cal76, CH68, Cho78, Cim72, CJ96, CF93, Cry67, DWW98, DW76a, Dej67, Doe78, DR82, DL91, Dun97, DKR68, Dup68, Ehr71, EG75, Eis66, Eis67a, ES98, ELV94, FMOS96, FT74, Gai74, Gar66, Gek75, Gir74, Gol98a, Gol98b, Got72, GM66, GM69a, GM69b, Gun65, Gus69, GK83, HL84b, HL98, Heb71, Hed68, Her68, HMR73, HW92, Hud68, Hur67, HS99, IR99, Jam71, JY98, Kee70, KG91, Kel69, Kel74, KW75, KP79, Kel66, KP97, Kos73, Kre78a, Kut70, Kut74, KC93, LP77, Li87, Li88, LVQ95, Mar90a, Lor97, Mad75, MW92, McA66, MM73, Mil69, Mir71, MG82, Moo99, MS65b, MDH+99, OR66b, Ort73, PS80, Rei68b, Rey72, Ros73, Şab97, Say74, Sch98a, Sch96].

Difference [STW97, She96, Shr73, Sim71, Spi71, Str65a, Str68, SWB90, SHR96, SW74b, Tav77, Tho67, Tho68a, Tho68b, TW93, Var71a, Var71b, Var77, Var80, Wal73, Wen68, Wet97a, Woo71, Wu96b, ZH91, Zem95, ZH94, dd86, AO82, AM89, Ber86, BS83, Cas84, Cha84b, CS87, CK85b, Dai92, Doe79, DR84, Dou83, Dut88, EHP87, Far88, FR85b, GGT82, Gus81b, HL81, HK79, Hof78, JS87, LN82, Lor84, Nel86, NV83, Osh81, Osh84, PS82, Par82, PR82, PR86b, Sle82, Str84, Tad88, VG86, WR85].

differenced [AVG89]. **Differences** [AWY97, DD94, Der71, For90, Mae82, Nea92, Rus77, Smi68, Smi70, Zla65, Wei89, WW88].

Differencing [BJ91, Pit78, Fun87, Tad86].

different [Boj84, GG86, Gus80, GK83, Kre79, Nie79].

Differentiability [LM88]. **Differentiable** [BCS78, Rob76, Ver93]. **Differential** [AC90, Ale94, AH76, AP91, ARW95, AP95b, BGM96, BP96, BPR72, Ben96, BB74, BP89, BC73, BP90, But81, BJ97, CLMM94, CMM97c, Cal71, CS74a, CS75, Cho78, Coo78, Coo81, CP91a, CT72, Cry74, Dav97, DO92, Den74b, Die92, Doe78, DL73, EH89, Enr74, EH76, EH98, Est95, Ewi75, Fai94, FS74, For65, For66a, FT74, FR68, Gai74, Gea65, Gea78, GP84, Gea90, Gla69b, Gus69, HKL77, HMM98, Hen69, HVR88, HS92, HRR94, HR97, HEFS72, HEFS74, IS90, ITM91, IT91, Jac81, Jac84, Jac86, JT95, JK96, JP67, Jam71, Kam81, Kat69, Kee90b, Kee70, KG91, Kel69, KW75, Kem75, KP96, Kno92, KS92a, KM96, Lam67, Lam81, Lee91, LPG91, LM90b, LM90a, Ler75, Lin72, Lin77a, LW70, Lin74, Liu99, LT67, LNS95, McA66].

Differential [Mid66, MT97, Mor95, Nan85, Olv65, OS65, OR93, Ott96b, Pan98, Pet98a, Pet98b, Pet65, Pet86, Pfl97, PR76, Pru73, Rac73, Rei81, SD77, SM96, SS88, SS99, SLW75, Sha68, Sha69, SBBL91, Sto68, Sto73, Tal91, Tav71, Tho68b, TK96, UTK96, VP93, Vel92, Ver70, VIA96, VWI97, Wat81a, Wei72a, Wer75, Whe73a, WB98, Yam75, Zed66, dC90, de 86, van79, van84, AF86, And79, AS84, Asc78, APR83, Asc89, BMS79, BR80, BH93, Cha94, CD88, DNT83, Dun80c, ED82, Ewi78, FN84, GS88, GM80, Joh88, KK81a, Kau86, KP85, Kre78a, Kre79, LM88, LM78, LP80, Maj84, Maj85, McK79, Mey87a, MG82, Pet81, RK88, Roc89, Rüm82, Sch86, ST86, SWC89, Sun79, Tav78, WR85, van81b].

Differential-Algebraic [AC90, AP91, BGM96, HMM98, JK96, KG91, KM96, LPG91, LM90b, Pet98b, BH93].

Differential/Algebraic [BP89, BP90, GP84, Kno92, Pet86].

Differentiated [Tra65]. **Differentiation** [Cas81b, Cul71, DGR96, Fre98, GP73, HC86, LM67, OR66a, Riv75, RS97b, Sec65a, Sne96, Wel97, WT88]. **difficult** [Kau86].

Diffraction [BGJ88]. **Diffusion** [AB99, ALM92, AM94, ABDH95, Bec92, BCR75, Ber95, BHM+99, Bro95, CM90a, CMM91, CSH78, CLMC92, CDK95, CC94, Che95, CW97, CS98, Daw93, DR82, EC93, FR92, FFLMW99, Fun93, JK91, KHK93, LMV96, MMD94, MG95, Mat98, MS98, Ric91, TV96, VS97, BMP89, CEv87, CL90,

Cha84b, EL89, Fis82, Hof78, Jer80, Jer84, Jer88, KHR89, SB84].
Diffusion-Absorption [MMD94].
diffusion-convection [Fis82]. **Diffusions** [KPH95]. **Diffusive** [ELR95, GJL99, JPT98, Kla98, MR98].
Diffusivity [CM99a]. **Digamma** [Spo94].
Digital [CSH78, Jen70]. **Digits** [Jen70].
dilations [DKW82]. **Dimension** [Alf96, CM90b, Daw91, Die90, DD96, Gar93, Mao95, Moo94, Sch98a, Swe77, Whi82c, ASW93, Gar84, GO81]. **Dimensional** [AR77, AV99, Asa89, BR81, Bec92, BM99, Bel97, BYLP98, BL92, Bof97, BC95b, Bro95, BT68, Cal76, CD98, Che95, CR90, CGH91, DDS80, Dar91, DW99, Dub90, EC93, GGS94, GGS98, GM69b, GM91, GM93, GL96b, HP78a, HMMR95, IK93, JB88, Jen92, Lav91, LB97, Ma95, Mad71, MMD94, MF90, NW97, PS80, Per97, Pet92a, RR96, Rhe78, San98, SB93, Ste71a, Urb91, VS97, Wah75, Whe73b, Whe77, WO96, YA95, Yin95, ZH91, ZH94, van95, AF86, AG87, Asa86, Bak84, BE88, BR88, BMP89, CR84, EF89, JP83, Lav89, LT88, LB96a, MS89, Mos83, NV79, Rom90, ST95, Vic80, Zho83].
Dimensions [Abl72, AMW99, BH71, BR75, BEK96, CF93, DSW94, GOQ97, GM69a, Gun74, GC98, KT86, KR94b, LMS97, MR77, Moo99, MS97b, PW96, Per92, RS92, RW96, Ten94, Wah74, Atk82, BCMP91, KD83, Lin85].
diminishing [Tad88]. **Dirac** [RS87]. **Direct** [BCC78, BFB92, BJS73, BP71, BGN70, BDGG71, BD74, CG73, Kut74, Mar90b, Mil76, Nic92b, SS73, Swa74, Tew67, ES86, IT80, JA83, KW84, Wol83]. **Direction** [BF99, CJZ83, CP91a, CR97, DF75, DF76a, Den77b, Den77a, DGP66, Dry78, EZB83, EW91, FF91, GM69b, Hub65, Rac68a, Sta91, BEL89, Hay81a, KHR89]. **Directions** [PP73b, Rit75, CG84]. **Directly** [CC78, CP77]. **Dirichlet** [Ban83, Bjø83, BNP91, BHZ68, BN73, BS77, Cos71, Cur66, Han93a, Jam69, Kut79, Li87, Lin85, Ros73, Swa72]. **Disaggregation** [CM84, Hav87]. **Disc** [Bru91].
Discontinuities [CS74a, Don94].
Discontinuous [Ans67, BGT97, Ben92, CGS92, CS98, LL94, MB97, Pet91, She96, Tad91, WB98, Arn82, Bub85, Jam78, LL95].
Discrepancy [Joe99, Qn99, WF97].
Discrete [AH77, Asa89, Asc78, BR73, BR78b, BYLP98, BHZ68, BT69, Bra85, BGS98, BDGG71, CE97a, CDMCW99, Dub90, Dur77, Dzi99, ES93, EC93, Esp94, GJL99, GW90, GL93, GM97, Hag76, Hei94, Hop82, HY95, ITM91, JY98, JPT98, Joe85, KT92, LFB98, Mad71, Mad75, Mah82a, Mah82b, MS73a, Moo94, NP81, Nel73, NPV93, NV97, PS77, PSB97, Pal96, Pit78, Rac73, RHH99, SS95, SS73, Swa74, Tar96, Tay95, Tho68a, Tre72, Uso67b, Var66, Vel92, Weg66, Wet97b, Wig66, Yan99, YB96, YZ94, AVG89, Asa86, Bal86, BO88, Don81, Gar88, Her85, Jer84, JP83, Kro81, Kum88, LN82, LeV88, LP78, NV79, NV83, PR86a, Rag85, Sam83, Swa79, Vic80, VG86].
Discrete-Ordinate [GJL99, LN82].
Discrete-Ordinates [Nel73, AVG89, NV83, Vic80, VG86].
Discrete-Time [CDMCW99, LFB98, Rac73].
Discrete-Velocity [JPT98, PSB97].
Discretisation [IPS91]. **Discretisations** [RW89a]. **Discretization** [AK90, AL96b, BF85, Bel97, BK99, BH68, Cas97, Cha78a, Gar93, Gup75, HR88, HR90, HMMR95, Hud68, JNT90, KM96, Nic92b, NS93, OR66a, Per67a, Ste65a, Ste71b, Uso67b, Xu96, Zla67, Dun80b, FR83, Hay81b, HR82, ST86, Wei89].
Discretizations [AR95, BG74, HW97b, Kee90a, Nie99, Ott96a, Yan96, ABPR86, Bru84, Gar88, HP80, KL86, Lus86, Sch86].
Discretized [ES76, Sch98b, VTG91, dK86, CD88, IKP91, Zha96]. **disjoint** [Saa83].
Disk [ST92, SS73, Sch83a]. **Dispersive**

[Hig94]. **Displacement** [Bre93, Dou85, Dur88b, EW80, ER82, Rus85, Sam86]. **Displacements** [Den67a]. **Dissection** [DER76, Geo73, Geo77, GPV78, LRT79, GL78b, Geo80]. **Dissipative** [BJZ94, Bre75, HS94, IK93]. **Dissipativity** [Hil97]. **Distance** [Gov86, Rit90]. **Distributed** [GLV91]. **Distribution** [Hav87, Ura68, Bra80, GMP93, MP85]. **Distributional** [ZT67]. **distributions** [CLNP89, RS87]. **Div** [Cha92, Nic92b, NW97]. **Div-Curl** [Nic92b, NW97]. **Divergence** [Dub90, GH83, van95, BN83]. **Divergence-Free** [Dub90, GH83]. **Divide** [ST91]. **Divided** [Mae82, Nea92]. **Dixon** [Naz86]. **Documented** [Car99]. **Does** [AGH97, Heg92, Les91]. **Domain** [Ain96, Asa98, BGT97, Ben95, Ben96, Bia93, BW90a, Bör90, Cha87, CHL91, DD94, Dri99, ELPV93, GK97, Hei93a, Hub65, Li83a, Man90, OPF97, TMV98, ADK82, FQZ88, Jam78, LT89b, Scr91]. **Domains** [BS96, BNP91, BDLN92, Dub90, Gol93, GW74b, Gue92, Hei96, YZ94, Yin95, BG88, Ban83, Ber89, Cha86, EHP87, Len86, Wil81]. **Dominance** [Bea76, Jam73, Mor72]. **Dominant** [BD90, Bia89]. **Dominate** [CV99]. **Dominated** [AW95, CS99, DR82, Kir93, Ric91, Jer88]. **Double** [Bas73b, CKL91, Kru98, Rat95]. **Double-Layer** [Rat95]. **Doubly** [BS77, Hof85]. **doubly-degenerate** [Hof85]. **Douglas** [Jer88]. **Douglas-Russell** [Jer88]. **Downstream** [EK99]. **Drift** [CC94, Che95, JK91, BMP89]. **Drift-Diffusion** [CC94, Che95, BMP89]. **Driven** [BK99, NV97]. **Droite** [DS89b]. **dual** [BCL89a, BCL89b]. **Dufort** [Wu96a]. **d'un** [Cia75]. **Dynamic** [DM79, PS77, VP93]. **Dynamical** [wECGS94, DJ99, DRV97, FX95, HS94, SH95, KL86]. **Dynamics** [BS89b, BD99, CP98, Ein88, ES93, JRB95, KC93, MF97, Per90, Pet87, Yen93, AM89, Mun94].

Eddy [Ned78, NW89]. **Edge** [ALM92, BFGP99, CV99, CLMC92, MTTW99]. **Edges** [AH94, CH97, Hei96]. **Effect** [BS97a, BD76, GT74a, PT91, Pat76, Ske81, BPTZ92, GS88]. **Effects** [BH68, EC93, Uso67b, Woo71]. **Efficiency** [BDR92, Dus95, Enr93, KT76, RR87, Sin77, SW74b]. **Efficient** [AGP94, BCMP91, BR78b, Bic77, Bre73, BC90, Cad74, CC78, CG73, DFK87, Dra94, ER82, Gau70, IS90, LW70, LM86, RR96, ST78, SS89, Wat81b, Ell83, LSY89, MW86, Pet81, Ste80, Tru86]. **Efficiently** [Bur82]. **Eigenelements** [AC83, AT86, Cha73, Cha78b]. **Eigenfunctions** [NE77, PV72, Sle68, Hac79]. **Eigenpair** [GHS97, Zha95]. **Eigenproblem** [PW70]. **Eigenproblems** [Jen72, McC94]. **Eigensystems** [BD90, Erd65, KPJ82]. **Eigenvalue** [Asa89, Ban82, Bel69, BBG95, BH68, CMM97b, CfXmZ99, CM84, CC96b, wECGS94, Cra76, Cra78, Der71, Esp94, FH72, HP68b, HP68a, Joh69, Kau74, KS94, Kut72, LZC92, MS73d, Pel67, PV72, Ruh73, Sim71, Slo76, Ste72, Van75, BO87, BGO89, Chu87, DNT83, DL82, FNO87, Mit86, Mül84, Neu85, PR86b, SW82, Sco81, TW88]. **Eigenvalues** [Atk75, Bak71, BK73, Chu90, CH72, DMW83, Don69, Don70, FHM67, Kut70, Kut74, Kut79, Kut82, MP68, Nic67, Osb67, Osb76, Pru73, Sle68, WV79, BO87, DK81, Dix83, Hac79, Par82, WT88]. **Eigenvector** [HP68b, HP68a, Min70, BO87]. **Eigenvectors** [DK70, DMW83, MS88, MP68, ST91]. **Elastic** [DP98, FX95, Hig90]. **Elasticity** [Bre93, CMM97a, CMMP98, FM90a, FF93, GGS94, Lee98, Zha97, FS91]. **Elasto** [LB97]. **Elasto-Plasticity** [LB97]. **elastodynamics** [SDC88]. **Elastoplastic** [CS90]. **Elastoplasticity** [HR95, HDS97, LB96a]. **Electromagnetic**

[BFGP99, CH94, JPRT96, Lee93, Urb91]. **Electrostatics** [Hes98a]. **Element** [AP95a, AMW99, Ain96, AMT99, ABGM92, AW95, AWZ96, AE94, Asa98, AK98, AL78, AW80, Bab71, BZ73, BK75, BA76, BR81, BSK81, BS87a, BS92, BCO94, Bai91, Bak76, BD76, BS93a, Bao95, BL94, BK97a, BK97b, Bel97, Ben92, BDM$^+$95, BLMPT92, BK99, BFO96, Boc97, Bof97, BFGP99, Boi97, BW90a, BNP91, BDLN92, BV90, BV96, Bre92, CM90a, CMM91, CDS99, CG98, CS96, CV99, Cas97, Cha92, CN97, CS99, CC94, Che95, CE97a, CE97b, CDMW98, CDMCW99, Cho92, Cia75, CG96, CS90, CM99b, CDW96, DG98a, Daw98, Des72, DM98, Dob92, Dör99b, DR82, DG90, DGW91, EJ91, EJ95c, EJL98, ELW91, ELW99, Fal78, FM90a, FR92, FR99, FF93, FHK96, FFLMW99, FL71, FR78, Fre90, Geo73, GM78a, Gir78, Gol94, GH92, GM91, GM93]. **Element** [GC98, HM76a, HR95, HW98, Hei96, Hei94, HR86, HR88, HR90, HMR73, HW97b, IB97, JV96, JK91, JN98, JNV99, JS98, JW91, Jim96, Joh77, JPRT96, KJ98, KM99, KL96, KL97, Kir93, LSS94, Li91, LB97, LL98, LTW91, LB96b, Lov96, LL99, LM92, Man78, Man80, MR98, MW94, Mit77, Mon92, MF90, Moo94, MS97b, MTL96, NP81, Ned78, Nie99, Nit89, OR76, OPF97, Osw92, Pal96, PP96, Pan98, Par95, PW78, Pet99, QZ92, Rei81, Ric91, San98, San94, SSW96, Sco75, Sem92, Sim68, Sta99, SW74b, Tha78, TXZ89, TV96, TH98, Tra77, VW95, Ver88, Wah92, Wat86, Whe77, Whe78, Woh99, WH97, Yse86, Zla73, Zla74, AF86, Arn82, AF89, BR78a, BO83, BG88, BCMP91, Ban81, BS89a, BR85, Ber89, BX89, CL90]. **element** [DO79, DL82, Dob80, Dor84, Dor86, Dry83, EF89, Epp84, Eri86, EJ95a, EJ95b, EYL89, FR87a, FN80, FR85b, Fre87, Gat88, Gen84, GL78a, GL78b, Geo80, GGT82, Gui87, GHS96, GH83, HR82, JTW83, KW85, KHR89, LL83, Lar89, LT88, LNOP82, LB96a, LP80, Mel87, Mil79a, Mil79b, Mon87, PS85, PW80, Pie95, Rau85, Rua89, RS87, SDC88, Sch80, SE81, SS96a, SO86, Sun79, SB84, Wah80, Win82, Zho83]. **Elements** [AWY97, BZ73, BDR92, BTW93, BM99, BG98a, Dur88a, DMR92, Eri80, GW97, HP78a, Jam77, Kří92, LB97, MST88, MX95, Med98, MM81, Mil81b, Mil92, Mil97, Nic72, Nic73b, PW96, PCL94, Per76, Sch89a, SS97, Vav96, Zha97, Zla73, Zla74, Arn82, BN83, BN85, Len86, MN87, Zha96]. **Elimination** [Bro69, Bun74a, CR86, Cli73, Geo74, Geo76, Var76, AH82, Zla80]. **Ellipti** [BB74]. **Elliptic** [AC96a, AH94, AWY97, BCO94, BS96, BR77, Ban77, BM99, Ben96, Bia98, Bör90, BEK96, BDLN92, BBS73, CDS99, CH68, CT83, CD98, CG90, CKV98, CG73, CP91a, Dör99b, Dör99a, DM79, DSW94, DKR68, Dup68, Eis74, EL97, Esp94, Fie78, FL71, FHM67, FR68, GK97, GOQ97, Gol91, Gol93, Gun65, Hil68, HW97b, HVR88, Jaf92, JP67, Jam69, JS98, Kel66, KP96, KT92, Kus68, Kut70, LL94, Li91, Li98, LB96b, Mal98, MJ77a, McA66, McC94, MDH$^+$99, NV93, Nic67, Nie99, Par95, PS80, PR95, Par99, PCL94, PW78, Pfl97, PR76, QZ92, Reu94, Ros70a, SSA84, SS93, Say74, Say67, Sch72, She96, Shr73, Sto73, SWB90, Swa74, Tar96, TYZ95, Tho68a, Tho76, Tra96, Tra77, Wan93a, WES80, Whe78, Woo71, Yav95, Yse86, Zla65]. **Elliptic** [Zla67, de 68, Ban81, BC94a, BW86, Bog85, BE79, BS83, Dor86, Dou84, DS89a, Dry83, Dyk87, ES86, Fre87, Hac79, HL87, KW84, KS87, KM88, LL95, LMS87, Mey81b, MG82, PS82, Par82, PS85, Pas79, PW80, RK88, SE81, Sch86, Ser83, Wan93b, WW88]. **elliptic-hyperbolic** [Ser83]. **Elliptic-Parabolic** [CH68, FR68, Hil68, Tho76]. **elliptical** [Ged78]. **Ellipticity** [Nie99]. **ELR** [DK81]. **Embedded** [Nak91, BE88]. **employing** [JA83]. **Enclosing** [RR98, FM90b]. **enclosure** [Kra87]. **End** [Luc74, Ske86].

Endpoint [Köh95]. **Endpoints** [Coh71]. **Energy** [CP98]. **Enhanced** [RS95]. **Enhancement** [OR90]. **ENO** [Son98]. **Enthalpy** [Whi82a, Whi82b]. **Entropies** [HLLnWJM98]. **Entropy** [BC99, Dk99, EL93, Lor64, OC84, Per90, Yan99, Osh84, WW93a, WW93b]. **Envelope** [BC94b]. **Envelopes** [Dol99]. **Epsilon** [Rie94, Wyn66]. **Epsilon-Pseudospectra** [Rie94]. **Epstein** [Lee92]. **Equal** [Kah69, KU71]. **Equality** [BV92, Eld80, KP78, MG72, Tap74a, Tap74b, Wei92b, Bar88, Cor81, MP78b, Van85, Var85]. **equality-constrained** [Van85]. **Equally** [HY95]. **Equation** [Abl72, ADZ96, Akr99, AWZ96, AV99, Asa98, ABDH95, Atk74, AW80, AL91, BS97a, BJR90, BGT97, Bec92, BK99, BH65, BC99, BC73, BDGG71, BD74, CKS95, CD67, CK69, CD77, Car72, CSH78, CG93, CJ96, DM93, DO92, Den77a, Die92, Dör96, Dou93, Dri99, DL91, Dun97, E92, Ehr71, EG75, Eis67b, EC93, Fal78, FMOS96, FD98, FR68, GSY92, Haa96, Hei96, Her76, Hub65, IB97, ILT69, Iss96, Jeo94, Jok96, KAD93, KM99, Kat69, Kee70, KT86, KK98b, LB98, LC98, Lee91, LVQ95, Lin72, Mar90a, Lor97, LL99, MB97, MR98, McL74, ML69, MS97a, ML92, Mor95, MC93, NdF74, Osh70, Osw92, PSB97, Pet91, Pet87, Pit78, PS83, Pru73, Rak76, Rat95, Rei81, RHH99, Sac71, SS88, Scu98, Sei96, Smi68]. **Equation** [Smi70, Spi65, Spi67, SH66, SW68, Sül91, SS73, VK90, Yan94, vL92, Atk82, ADK82, BI89, BvA94, Bre89, CEv87, Cha84b, CK85a, Cha86, Dai92, DL82, EF89, EL89, FR86, Fis82, Fre87, Fri81, Gen84, GL83, Hof85, Jam80, LT89b, Lin85, MS83, Mey81a, Mie86, Mon86, Mon87, Nel86, Rau85, Ros81, Sam82, ST86, Smo83, WH86, Win82]. **Equations** [AP95a, AT97, AMT99, Ale94, AH76, AC96a, Ans67, Arc77, Arc78, AR95, AE94, Asc77, AP91, ARW95, AP95b, Atk67, Atk69, AFM90, Avi74, AC79, Bak71, Bak76, BD76, BK78, BP96, BTW93, BM99, Ben96, Ber95, BCM91, BJ93, BFB92, Boc97, BCMM98, BMM99, Bog71, BW76, BB74, BSTW77, BP89, BC95b, Bre73, BP67, Bro95, Bru90, Bry68, BP71, BM97, But81, BJ97, BGN70, Cad73, Cad74, CM90a, CMM91, CLMM94, CMM97c, CMM97a, CMM97b, Cal71, CH68, Can83, Car74, CS96, Cas82, Cas66, Cas69, CS74a, CS75, CC94, CX98, CDMW98, CDMCW99, Cho78, Cli76, CG73, Coo78, Coo81, CP91a, CP91b, Cor96, Cos71, CGH91, CDW96, CT72, Cry74, Dan67, Dav97, Dav94, Daw93, Daw98, DWW98, Dej67, DF91, Den74b, Den67b, DF76b, DRS95, Doe78]. **Equations** [Don94, Dör99b, Dör99a, DM79, DD70, Dra94, Dry78, DKR68, Dup68, Dup73b, DFJ74, DS68, Ebm98, Ehr71, EES83, ES93, EH89, EL97, Enr74, EH76, EH98, Est95, EV96, Ewi75, Fai94, FK76, FR92, FX95, FR99, FHK96, FS74, FF91, For65, For66a, FT74, For75, Fun93, GPT97, Gai74, Gar75, Gay81, Gay82, Gay83, Gea65, Gea78, GOQ97, Gir78, Gla69b, GHK94, GM69a, GS76, GL96a, GR96, GM97, Gun65, GM91, GM93, GL96b, Gus69, GS91b, Hal87b, HW98, HKL77, HMM98, HP78a, Han92, Han71, HLLnWJM98, HV96, Hei98b, Hen69, Her75, Hie80, Hil68, Hip99, Hof76, HMT75, HM76b, dHW73, DW74, Hou90, HW92, HW93, HVR88, Hu97, HT82, HS92, HRR94, HR97, HEFS72, HEFS74, Hur67, Huy95, IS90, ITM91, IT91, IK93, IR99, Jac81, Jac84, Jac86]. **Equations** [JT95, JK94, Jam68, JP67, Jam69, Jam71, Jen76, JPT98, JX98, KN72, KX96, KJ98, Kat69, Kee90a, KG91, KW75, Kel95, Kel66, KL96, Kem75, KP96, Kin73, Kla98, Kla99, Kno92, Kre91, KS92a, KK91, KM96, KT92, Lam67, Lam81, LE97, LL96a, LL96b, LT98, LQ84, LT89a, Le 94, LL94, Lee93, LPG91, LM90b, LM90a, Ler75, LP91, Li88, LFB98, LSX90, Lin90, LTW91, LNC97, Lin97, Lin77a, LW70, Lin69, Lin74, Lin77b, Lin91, Liu99, LT67, Löt92, LNS95, LT68, MQ82a, Mad75, MA81, Mar79a, Mar90b, Mas90, Mat98, McA66,

MS98, Met94, Mey68, Mid66, MW94, MT97, Mon91, Mon92, Moo94, Moo99, MDH+99, MH98, MS99c, Nan85, Nas70, Neu87, Nic73a, NW97, NK97, NS93, O'S90, Olv65, OS65, OR66b, OR67, Ort73, Osb76, Osb65, OS91].
Equations [OR93, Ost64, Ost65, Ost70, Ost71, Ott96b, Pai74, PS75, PP96, Pan98, Pao87, Pao99, PS80, PCW95, PW78, Per92, Pet98a, Pet98b, Pet65, Pfl97, Phi72, Pla98, Pot93, Pre73, PR76, QZ92, RR95, Rac73, Rei72, Rey72, Rhe93, Ric78, Ric91, Rob66, RR98, RW95, SD77, SM96, Sar90, SS93, SS95, SV96, Say74, SS99, SZ99, SF84, SM81, SA73, Sha68, Sha69, Sha95, She92, She95, SW99, She78, Sim75, SBBL91, Sta91, Ste65b, Sto68, Sto73, Str74, SWB90, SB77b, Sun96, SHR96, Swa74, Tad91, TE86, Tav71, TYZ95, Tho68b, Tho76, TK96, TV96, Tra96, Tur77, UTK96, VP93, VMSB97, Var71b, Var77, Var80, Ver70, VIA96, VWI97, Wah77, Wat86, Wat81a, Wee98, Wei93, Wei72a, Wei69, Wei74a, WES80, Wer75, Whe73b, Whe73a].
Equations [Wid78, WB98, Woo71, Woz74a, Woz75, Wu96b, Yam75, YF92, Yan96, Yen93, Yin95, ZH91, Zed66, ZW94, ZH94, ZWW94, Zla65, de 86, de 68, van79, van84, vSS97, AF86, ABPR86, And79, AS84, Asc78, APR83, AGS83, AP87, BMS79, Bak80, Bak82, Bal86, BR80, Ban81, BS89a, BR85, Bia89, BQ86, Bru83, Bru84, BS83, BRD81, CL90, CQ82, Cas84, CLS86, CS87, Cha94, CD88, CFT84, CR84, DNT83, Del88, DS80, DE79, Dut88, DL83, Egg83, Egg88, Ell82, Ell84, ES86, Epp84, ED82, Ewi78, FR87a, FN84, FR83, FR85a, FR85b, FS91, FM90b, GS88, GL80a, Gea90, Ger89, GL81, GR82, GM80, GC88, GB89, HLN83, Hal79, Hal87a, HL87, Hay81b, Hei93b, HL82, Hof78, Hu96, HS87, IPZ79, IT80, Ioa81, Jam78, JS87, JS85b].
equations [JSC91, Joe85, Joh88, KK81a, Kar82, KW84, KN88, KP85, KR94a, Kre78a, Kre79, Kum88, KM88, LN82, Las84, LM88, LM78, LL95, LSY89, LP80, Lus79b, LR82, Maj84, Maj85, MR83, Mar78, Mar79b, May84, McK79, Mey87a, MG82, MS80, Mur82, NV83, PS82, PS85, PW80, Pet81, Qua87, RK88, Rhe80b, RS89, RB79, RY86, Roc89, Ros81, Rüm82, SSY88, SE81, Sch85, Sch86, Sch89b, Scr91, Ser83, Sle82, SWC89, Str84, Sun79, Tru84, Vat88, VG86, Vog86, WR85, Whi86b, Wol83, Wu96a, Xu89, YS89, Zir82, van81b].
Equidistant [Wil70]. **Equidistributed** [ST92]. **equidistributing** [Whi79].
Equidistribution [HRR94]. **equilibration** [Ske81]. **Equilibria** [Kuz99]. **Equilibrium** [BK97b, KC74, Rhe82]. **Equivalence** [FM90a, GM69b, HLY80, Hil76, Hil78, Dem83, KL82]. **Equivalent** [MO93, Ste70].
Erdos [BP80]. **Errata** [But65, Cra78, DF76a, HEFS74, Ost65].
Erratum [BCL89a, DW82, GN83a, Hic97, Hil78, Laz82, LL95, Pie71, Sob79a, Sym81, Wei95].
Error [AT97, AB99, ADZ96, Asa89, AFM90, AGH97, AK90, BK75, BR78a, BR81, BDR92, BS96, BR70, Bak76, BR87, BW91, BS93b, BS97c, Bar88, BW68, BW69, BK97b, BK98, BDH98, Bau74, BI66, BJ93, BEK96, BV96, Bra66a, BH68, BHM+99, BP67, CSS97, CQ82, CV99, CC94, Che73, Che75, CDMW98, CDMCW99, Cho92, CH72, CG96, CGY98, Coo81, CW78, DS84, DM98, Don94, Don81, Dör99b, DS97, DD96, DMR92, Ebm98, Epp82, EJ87, Est95, FM87, FR92, FHK96, FFLMW99, Fie78, FT74, FP91, FS91, FR78, Gar78, GN91, Gau70, GV83, GT74b, Gri74, Gup75, Han65b, HR86, HR88, HR90, Hic96, HK91, Hol78, Hos95, Hud68, Hug98, Jac75, Jam77, Jef69, Joh69, Joh88, JNT90, JRB95, JS69, JT71, Kam69, KAD93, Kel66].
Error [Ker96, KSC99, Kre78b, Kro81, Küt84, LL83, LV90, LK74, Lee91, Let70, Let71a, Let71b, Let74a, Let74b, LSZ97, Luc74, Luc85a, Lyn78b, Maj85, MX95, MT75, Mei83, Mon86, MS99b, MV99, Moo94, Moo99,

Nie99, Obi90, OS65, Olv78, Ost73, Pad97, Pet92b, PS83, Pri76, Pry84, Rei99, Rei81, Rie71, Ros70a, Row67, Rul96, San98, San94, STW97, Sec65a, SWW97, She92, She95, Sho75, Smo83, Spi71, SS97, Ste71b, Ste71c, Str65b, SC72, SH95, SP94, Tad91, TT99, TT95, Tau96, Tho76, Tra96, TW93, Ura68, Ver78, Wah75, Wal98, Wat77, Wei94, Wet97a, Wet97b, Whe73c, Whe73a, WGS90, Woh99, Woz74b, Yan96, Zla65, Zla67, AF86, Bea82a, BC94a, BE79, CL90, DKW82, DRW89, Enr89, Eri86, EJ95a, FR83, FR85a, Gar84, Gat88, Hac81, Hat82, HR82]. **error** [Hic97, JTW83, Ked81, KM88, Lee85, Len86, LP78, Mil79a, Pan85, Rom90, Sch71b, SK87, Ste79a, SB84, Tre83, Wei95, Zen85, BK97a]. **Error-Bounding** [Jac75]. **Errors** [Bak68, BD76, Bas73a, Cha68, Cha69, Chu72, Don73, EK99, Mer66, Pat76, Rac68a, Rac68b, RJ69, RJ74, Sec65b, Str66, vS87, BO87, JS89]. **Essential** [Des81, GH92, SH95, dW79]. **Essentially** [OS91]. **Estimate** [BB71, CMSW79, EL73, Epp82, EW96, Joh76, JNT90, Kel66, Sni72, TW93, War77, Whe73c, LL83, Par87b, Zen85]. **Estimates** [ADZ96, Arc78, Asa89, AK90, BK75, BO87, Bak76, BR87, BW91, BS93b, BS97c, BK97a, BK97b, BEK96, Bra66a, BSTW77, Bre75, Bre77, BP67, Cal76, CV99, CC94, CDMW98, CDMCW99, Cho92, CG96, CGY98, Coo81, CDW96, DE72, Don73, Dör99b, Dör99a, DS97, Dup73b, Ebm98, FR92, FHK96, FFLMW99, FT74, FP91, FR78, GN91, GC96, Gup75, HR86, HR88, Jef69, KAD93, Ker96, LV90, Lin91, MX95, Mit77, MV99, Moo99, Ost73, PV72, PS83, Rei81, SWW97, She92, She95, Sho75, Shr73, SWB90, Str65b, SC72, ST67, Tad91, TT99, Tau96, Tho68a, TW74, Tho76, Tra96, Ver78, Wah74, Wah75, Whe73b, Whe73a, Yan96, YB96, YZ94, Zla65, Zla67, BR78a, BD85, Bea82a, BS83, CL90, CQ82, DRW89, Don81, Eri86, EJ87, EJ95a]. **estimates** [FR85a, GMP93, Hac81, HL87, HR82, Joh88, KM88, Las84, Len86, LP78, Maj85, Mil79a, Mon86, Pan85, Sam82, Smo83, Wig87]. **Estimating** [BRD81, Dix83, Pru73, RJ69, Sch83c, Str66, Whe74, Hil80]. **Estimation** [AB99, BS96, BTW93, Bar70, BH70, Cha68, Cha69, CM83, DD96, Her76, Jam77, Lee91, MS76, MS99b, Moo94, PS77, PT79, Pri77, Sec65b, Ste71b, SW68, AF86, BE79, MM79, Ste79a, SB84]. **estimations** [Kro81]. **Estimator** [BDR92, MS76]. **Estimators** [AT97, BV96, DMR92, O'S90, Pad97, Woh99, Ste80]. **Euclid** [Dun74a]. **Euler** [AFM90, BC95b, CGH91, CT72, Dra94, ES76, EV96, Gen84, Hal79, Hal87a, HLLnWJM98, Hou90, HT82, Huy95, JNT90, Kre91, LQ84, Mas90, Nav65, Per92, RR95, TYZ95, Yin95]. **Eulerian** [EW96]. **Evaluating** [DM93]. **Evaluation** [AG68, Atk72, Atk73, AV93, For73, GA67, Gün80, Kam78, KSC99, Lan64a, Mar83, Mie81, Van81a, WF97, Woz74b, ZT67, AR81, CM88b, Gra87b, Mar85]. **Evaluations** [KT76]. **Even** [DS97, Sch69b, VS97, WB86, Bak82]. **even-order** [Bak82]. **Evolution** [Tav77, Yan99, Epp84, Lus86]. **Evolutionary** [GM93, Mor98]. **Exact** [DMR92, Hol78, Pie69, Pie71, RSK76, Yan99, Gar88]. **Exactly** [BFO96]. **Exactness** [WB86]. **Example** [Dup73a, HR99]. **Examples** [DeL94, SK87]. **Exchange** [Dun74b, GCB74, Tse96, Wat75]. **Exclusion** [Chu87]. **Existence** [BS76, BQ76, BB88, Jam71, Jer73a, LP91, Moo77, Nic82, Rua89, San94, SS83, Tho68b, Wei92a, FM84, Ral80, Sch83c, SW85, Ste79b, Whi85, Wil81, Xu89]. **Exit** [RM77]. **Expansion** [Str74]. **Expansions** [AD68, AFM90, BH71, Cle64, KR74, PK90, SP94, Zan99, de 86, DS89b, Gus80, Hag86, Lee85, Luc82]. **Experiments** [CC67, Geo77]. **Explicit** [ARW95, BP96, BS94, CV72, DD94, DM98, FR99, Gun65, IR99, KL67, PTP96, Ric91, TS93, Ver78, vS87, APS87, BH93, CLS86,

Cha85b, Dai92, OS92]. **Explicit/Implicit** [DD94]. **Exploiting** [ABGM92, VVC94]. **Exponential** [GS96, HL97, Ise81a, Van77, MS98, Nor78, Saa92, Sch79, Sch90a, War77, BMP89, Cas81a, CO80, Ise79, Tad86]. **Exponentially** [Dör99b, JK74, Vos88, SS83]. **Exponentials** [Kam76, Kam79a, Kam79b]. **Exponents** [DRV97, Tal91]. **Expressed** [IS90]. **Extended** [Cas81b, Law66, Law67b, CK85a, Gün88, Var78]. **Extension** [AV99, EZB83, MS68, Nic67, Ros70b, SW88, Bea87]. **Extensions** [Dag86, Gla69a, Rei74, Ste68, SG68, DH79, SS96b]. **Exterior** [HZ94, ADK82, Gui87, Lin85]. **External** [RT95]. **Extra** [Haa96]. **extraction** [BDGB83]. **Extrapolated** [AK84]. **Extrapolation** [Bru91, CJ76, FK76, Gra65, KPH95, LSX90, Sid97, FS87, GM80, Kin79, LM78, Sid86]. **Extrema** [Bac80]. **Extremal** [GW90, GL93, Sin73, Dix83]. **Extreme** [Zha95, Wil81].

Faber [Cur66, Ell83]. **factor** [Que89, Wol83]. **Factored** [Ip87]. **Factorization** [BB87, Ben95, BBS73, BB74, Car92, Dun74a, DKR68, Dup68, Mei83, Say74, Ste77, Wil69, BM87, Sco81]. **Factorizations** [ABP93, BQ76, CJZ83, CN88, Mar90b, BB88, JA83, VSM80]. **factorized** [Sas78]. **Factors** [Gra71, Yav95, BvA94, Wig87]. **Fading** [SWW97]. **Families** [DAB99, Gor75, LG80, Son98, Ver79]. **Family** [AD78, Kin73, Mar90b, PTP96, BT84, Cha89, GM83, SSB85]. **Far** [Kar96, MS99b]. **Far-Field** [Kar96, MS99b]. **Fast** [AP95a, BFB92, Bia93, Bjø83, Bör90, Buz77, CG73, Cor96, DGR96, GHK94, HYS94, HKT92, Jaf92, Kel95, Li98, Pai79, SW99, SW94b, WS93, Yan94, YR99, Die82, ES86, KW84, LNOP82, May84]. **fast-direct** [KW84]. **Faster** [de 78b]. **Feasibility** [Avi74]. **Feasible** [PP73b, BPTZ92]. **Feature** [OR90]. **Feature-Oriented** [OR90]. **Feedback** [KK91]. **Fejér** [GT82, TG83]. **FEM** [BS97a, Car96, CG97, IB97, MS98, MS99c, Ter98]. **FEM-BEM** [MS99c]. **Fenchel** [Cor96]. **Fer** [Zan99]. **Ferromagnetic** [MV99]. **Few** [BG74, Hof76]. **Few-Point** [BG74]. **Fewer** [BW76]. **FFT** [CNP93]. **FFT-Based** [CNP93]. **Field** [Dub90, Hei94, Joh78, Kar96, MS99b, Per97, Fri81, Lin88]. **Field-Based** [Per97]. **Fields** [BJK90, GS67, YR99, Rhe80b]. **Fifth** [Cas66, Cas69, KL67, Sch71a, Str69a, Str72, Vos88, Hor83]. **Fifth-Order** [Cas66, Vos88, Hor83]. **Fill** [GL75, LNOP82]. **fill-in** [LNOP82]. **Filter** [Wal99]. **Filtering** [Jen70, Kar96, Maj84, Maj85, Sei96]. **Filters** [AM94, CGS92, OR90]. **Finding** [CJ76, Gar78, Rit90]. **Finis** [Cia75]. **Finite** [Abl72, AP95a, Ain96, ADZ96, Akr99, AW95, AWZ96, AWY97, AV99, AE94, Asa98, AK98, AL78, AW80, Bab71, BZ73, BK75, BA76, BR81, BSK81, BS87a, BDR92, BS92, BCO94, Bai91, Bak76, BD76, BS97b, BS93a, BTW93, Bao95, BL94, BK97a, BK97b, BM99, Ben92, BCV95, BDM$^+$95, BLMPT92, BG98a, BFO96, Boc97, Bof97, Boi97, BW90a, BDLN92, BV90, BH65, Bre92, Cad73, CM90a, CMM91, Cal76, CH68, CG98, CV99, Cha92, CN97, CS99, CC94, Che95, CE97a, CE97b, CDMW98, CDMCW99, Cho78, Cho92, Cia75, CCL95, CG96, CJ96, CF93, CS90, CDW96, DG98a, DD94, Daw98, DWW98, Der71, Des72, DL90, DM98, Dob92, Doe78, Doe79, DR84, Dör99b, DR82, Dou83, DG90, Dun97, Dun75, Dur88a, DGW91, DMR92, DT73, Ehr71, Eis66]. **Finite** [Eis67a, ES98, Epp84, EJ91, EJ95c, EJL98, ELW91, ELV94, ELW99, Fal78, FM90a, FR92, FR99, FF93, FMOS96, FFLMW99, FL71, For90, FR78, Fre90, GV91, GGS94, Gar66, GW97, Gek75, Geo73, GM78a, GG90, Gir74, Gir78, Gol94, GH92, GM91, GM93,

GC98, HM76a, HR95, HW98, HL84b, HL98, Hei96, Hei94, HR82, HR86, HR88, HR90, HMR73, HW97b, HW92, Hud68, HS99, IB97, Jam71, Jam77, JV96, JK91, JY98, JN98, JNV99, JS98, JW91, Jim96, Joh77, JPRT96, KJ98, KM99, Kee70, KL96, KL97, KP97, Kir93, Kos73, KR94b, Kut70, Kut74, LL96a, LN82, LSS94, LMV96, LP77, Li88, Li91, LVQ95, LB97, LL98, LTW91, LB96b, Lor97, Lov96, LL99, LM92, Man78, Man80, MR98, MX95, Med98, MM81, Mil81b, Mil92, MW94]. **Finite** [Mil97, Mit77, Mon92, MF90, Moo94, Moo99, MS65b, Mor98, MDH+99, MS97b, MTL96, NP81, Ned78, Nic72, Nic73b, Nie99, Nit89, OR76, OPF97, Osw92, Pal96, PP96, Pan98, Par95, PCL94, Per76, PW78, Pet99, QZ92, Rei68b, Rei81, Rey72, Rhe78, Ric91, RC66, Ros73, Rus77, Şab97, San98, San94, SDC88, SSW96, Sch80, SE81, Sch96, Sch89a, Sco75, Sem92, She96, Sim71, Smi68, Smi70, Son98, Sta99, Ste71a, Sül91, SHR96, SW74b, Tav77, Tha78, TXZ89, TV96, TH98, Tra77, TW93, VMSB97, Var80, VW95, Vav96, Wah92, Wat86, Wet97a, Whe77, Whe78, Woh99, WH97, Yse86, ZH91, ZH94, Zla65, Zla73, Zla74, dd86, AF86, AVG89, AM89, AD92, Arn82, AF89, BR78a, BO83, BG88, BCMP91, Ban81, BS89a, BR85, Ber89]. **finite** [BN83, BN85, BX89, CL90, Cas84, Cha84b, CK85b, DO79, DL82, Dob80, Dor84, Dor86, Dry83, EF89, EHP87, Eri86, EJ95a, EJ95b, EYL89, FR87a, FN80, FR85b, Fre87, Gat88, Gen84, GL78a, GL78b, Geo80, GGT82, Gui87, GH83, HL81, Hof78, KW85, KHR89, LL83, Lar89, Len86, LT88, LNOP82, LB96a, LP80, MN87, Mel87, Mil79a, Mil79b, Mon87, Nel86, NV83, PS85, PW80, PR82, PR86b, Rau85, Rua89, Str84, SO86, Sun79, SB84, VG86, Wah80, Wei89, WW88, Whi86b, Win82, Zho83]. **Finite-Difference** [Bro87, CH68, HL84b, KP97, Kut74, Lor97, ZH91, ZH94, LN82, Nel86, NV83, PR86b, VG86]. **finite-differenced** [AVG89]. **Finite-Dimensional** [Ste71a]. **Finite-Element** [Ain96, Bai91, Cia75, DG90, Fre90, GM91, HR90, JW91, KL97, Kir93, LB97, LTW91, MR98, MF90, MTL96, NP81, Nit89, TXZ89, WH97, Ber89, BX89, CL90, EF89, EYL89, Lar89, Rua89]. **Finite-Rank** [LL96a]. **First** [Arc78, AW83, AL78, BFO96, BCMM98, CLMM94, CMM97c, CMM97a, CMMP98, CS96, CG90, DW76a, Den74a, Dry78, Dup73a, Gup75, Han71, Her76, Hil76, Hil78, HMT75, HM76b, dHW73, LE97, Löt92, Ree90, Ric78, She92, Sig76, Smi73, SW68, Str74, ddd83, van79, BRD81, Egg83, GM80, Gup85a, Gup85b, HL82, LM78, Lay83a, LP80, Mar78, Vog86, YS89]. **First-Kind** [LE97]. **First-Order** [BFO96, BCMM98, CLMM94, CMM97c, CMM97a, CMMP98, CG90, Löt92, She92, ddd83]. **Fitted** [Dör99b, JK74, Vos88]. **Fitting** [BS87b, BT68, HS97, Bea82a, BMP89, Cas81a]. **FitzHugh** [Jer80]. **Five** [Law66]. **Fixed** [Atk73, BH68, CM99a, FD91, HKT92, KLY76, Mar92, Ske76, Ste75b, Ura68, Wei74b, Yam98, ST78]. **Fixed-Point** [HKT92, KLY76, Mar92, Ura68, Yam98]. **Fixed-Stepsize** [Ske76]. **Flap** [MS97a, Scu98]. **Floquet** [FJ91]. **Flow** [AOW93, AWZ96, BYLP98, BFO96, BJ91, CE97a, Cho92, Daw91, DG90, Dzi99, GC95, GS91b, HM76a, JS96, Kee95, LeV96, MS99a, Ott96a, Pet92a, RT95, San98, San94, Wet97a, ZH91, ZH94, Arb89, BSW85, Dou83, EYL89]. **Flows** [AP73, BC95a, BLMPT92, CN88, DG98b, LP91, Pad97, BN85, MN87, Wal88]. **Fluid** [BYLP98, BDM+95, BFO96, COP98, CP98, CP91b, GC95, JRB95, San94]. **Fluid-Solid** [BDM+95, COP98]. **fluids** [BSW85]. **Flux** [BCMM98, BMM99, CGY98, Tar96, Whe74, BO86, Swe84]. **Flux-Splitting** [CGY98]. **Fokker** [HV96, HV98, Sch98a, BTW93, BC99]. **Foldpoints** [DR90]. **Folds** [FR86, JS85a]. **following** [SC87]. **Fonctions** [DS89b]. **Forced** [Bra66a]. **Form** [AC96b, BYLP98,

Ip87, IS90, JN95, KG91, RR80, van95, Ber86, CLM89, Des81, Mee80, SO86]. **formation** [JP92]. **Formed** [DS92]. **Forms** [KSC99, Rat80, Rei68b, KN85]. **Formula** [Ahl66, KG91, Lau89, MS68, NPV93, Str69a, Ver90a, Ver91, Vos88, Wil70, CL84]. **Formulae** [Cas88, Fre98, MS73a, Not91, Sch65, Sch66, SP94, MP85]. **Formulas** [Bak68, BH71, BS76, Bol72, Bro77, BC72, Cas81b, CM74, Cha68, CJ75, CR76, Enr93, EH72, EMB71, Fri71, Gre66, Gun74, HP77, HW83, Hue73, JEH78, JN95, Jet87, Kah69, Köh95, Lip73, MR77, NtB90, Sch98b, Spi71, Sta64, SS65, Str67a, Str67b, SG68, Str69b, Str70, SCWM71, SC72, Str72, Str73, Str75b, SB77b, Tre72, WB86, AE84, CM88b, Fei82, GM78c, Jac88, Jet82, KD83, Lin83, Ros80, Ske86, WR85]. **Formulation** [CD98, Fun90, HW98, ILT69, Lee98, Per97, Whi82a, FNO87, Whi82b]. **Formulations** [CS99, Kar92]. **Fornberg** [Weg86]. **Forsythe** [Hou73, Ano73]. **Fort** [GG76]. **Fort-Frankel** [GG76]. **Fortran** [Sin73]. **Forward** [AL91, VK90, YB96]. **Forward-Backward** [VK90]. **FOSLS** [CMMP98]. **Foundation** [Ols77]. **Four** [Gun74, KL89, Kin79]. **Four-Color** [KL89]. **Fourier** [BH70, CGS92, CK85a, For75, GL96b, Hei96, KO79, Lyn67, PH73, Qua87, Tad86, VIA96, VWI97, Wei93]. **Fourier-Finite-Element** [Hei96]. **Fourth** [Bel97, CJ96, Eis67b, Hei93a, Hor83, IT95, JK74, Kin73, Man78, Mor95, Sem92, SBBL91, Zla65, Zla67, NV83]. **Fourth-** [Hor83]. **Fourth-Order** [Bel97, CJ96, Hei93a, Mor95, Sem92, SBBL91, NV83]. **Fox** [Nic67]. **Fractal** [DD96]. **Fraction** [Mer66]. **Fractional** [OR93, TT95, Ten94, HP80, KR94a]. **Fractions** [Fie78, GW83, Jef69, JS69, JT71, ST67, Van81a, Wyn64, JTW83]. **fractured** [Arb89]. **Framework** [Har96, FR87b, MM84, Ske82]. **Frankel** [GG76, Wu96a]. **Frankel-type** [Wu96a]. **Frechet** [For66b]. **Fredholm** [AE94, Atk67, Bru90, Han71, Her76, Joe85, Mar78, NdF74, Rak76, RB79, SW68]. **Free** [BCR75, BHM+99, BH86, CGH91, CH94, Dub90, Jup78, Kac99, Sac71, Sch68b, Wim70, ZB96, GH83, Han93b, LNOP82, Mey81b, Wom89]. **French** [Cia75, DS89b]. **Friedrichs** [Wah74]. **Front** [LW81, CT86, Wom89]. **front-tracking** [CT86, Wom89]. **frontal** [AH82]. **Full** [Che95, RW89a, BI89]. **Fully** [BYLP98, CE97a, Gen86, Hei94, Hue73, ITM91, Jer84, KD83, KT92, Let71b, Let74b, MR77, Moo94, NP81, NPV93, NV97, Rüd93, Sam83, VTG91, Wet97b, Yan99, YZ94, Asa86, Bal86, Esp87, GM83, IKP91, JP83, KL79]. **Fully-Discrete** [CE97a, ITM91, Moo94]. **Function** [ADH99, AM98, Bas73a, BS87b, BYLP98, BC94b, Bru78, Coh71, Con73, Con76, CP77, Gau70, Gor71, GS96, Heb71, Hug98, Kem75, Kur67, Lan64c, Li83a, LMST69, LT67, Lyn78a, MS66, MS65c, Mou65, Mou66, Mou68, MT68b, Nor78, Pel67, Prü82, Sch69f, Sha70, Shu72, Ste75a, Str74, Wat77, Wei94, Wil69, CO80, Gou89, Gut83, Ise79, Kra87, LB96a, Pie95, Ros80, Sma88, Wei95]. **Functional** [CS75, CT72, Den67b, Jac81, Jac84, Jac86, Kem75, Liu99, Lyn78b, ML92, Nav65, Tav71, Tho68b, JS83, KK81a, LM88, Rag85]. **functional-differential** [KK81a, LM88]. **Functionals** [Aal72, AN66, BH70, CM74, Man71, MS99b, Sim68, Sta99, GC88, KR88]. **Functions** [AD68, Ahl66, BW68, BW69, BN74, BCS78, BT69, CGS92, CD85, CT83, Cox84, Doo66, DAB99, DL75, Dur77, EW72, El 90, FP91, GGK97, Gra87a, Gre64, Hei66, JS68a, Jer73a, Jer73b, JK68, Kam76, KR97, KZ66, KL76, Köh95, KR74, Let74a, Lip73, LM67, MRW96, Mal77, Man71, MF97, Mil66, MT68a, Mun73, Nav65, Not91, Olv65, Pet92b, Por71, Pri76, RJ74, Rou71, Sch70, Sch69a, Sch68b, Sec65a,

Seg72, Sin73, Spo94, Str66, SP94, Uso67a, Uso67b, Wal67, Wei71, Wei72b, Wil78, YA95, AR81, Bas85, BT84, BO86, Die82, DS89b, GV83, Hak82, Hop82, Kam79a, Kam79b, Kam81, KRD78, KN85, Mie81, PR86a, Pri79, RS87, Sas78, SB88, Swa79, Swa81]. **Fundamental** [BL80, Bog85, MJ77a, Zem95]. **Furnace** [Cho92]. **Further** [DL73, Gar78, McC84].

G [Wuy70, PA73]. **G-Transformation** [PA73]. **Galerkin** [DVW94, DF76a, FKD84, BO87, Bak80, Bak82, Bak84, BK98, Ber95, BJMT73, BW93, BL87, BSTW77, CEv87, CG90, CX98, CM90b, CS98, CFT84, Den74b, Den74a, DF75, Den75, Den77c, Des81, DP92, DM92, Dia77, Día79, DS80, DD70, DDE79, Dry78, DW76b, Dup73b, Dup73a, DFJ74, Dup76, DN89, DHLR84, Egg88, EZB83, Ewi78, EW80, Fai72, FF91, Fin71, FS91, GANT98, Gek76, GC96, GGOS96, Güs81a, Haa96, Hac81, HL87, Hay81a, Hed79, HR93, Ioa81, Jam78, Jes78, KX96, Kar82, KM99, Kee90a, KW76, Ker96, Lay83a, Lay83b, Lin90, LMS97, Lus79b, LR82, MB97, MT89b, MX95, Mie86, Mir71, Mos83, Pan98, Pet91, PV72, Pla98, Rac73, Rus85, SSA84, Sch69e, Sch71b, Ser83, ST95, Slo76, SBBL91, SW74a, TW74, TW75, Tra96]. **Galerkin** [Urb91, Wah75, Whe73b, Whe73c, Whe73a, Whe74, Whe75]. **Galerkin-Characteristic** [Ber95]. **Galerkin-type** [Jam78]. **Galerkin/Least** [CG90]. **Galerkin/Runge** [Kee90a]. **Gamma** [Lan64c, Spo94]. **Gap** [Gai66]. **Gas** [Cho92, Ein88, Per90, Mun94]. **Gases** [Bou98]. **gauge** [LB96a]. **Gauss** [Mor71, BS76, Cha69, Cry67, De 73, Ehr98, ELW91, GTV90, Jet87, Kea90, Let71a, Mor72, OR66b, OR67, Por69, Por71, RJ69, Rie71, SC72, Yav95]. **Gaussian** [AB86, Bro69, Cha68, Chu72, DS84, FP91, GV83, Geo76, Jet82, Koc84, MRW96, Pet92b, Rab67, SS65, Zla80, dS73]. **Gegenbauer** [VIA96, VWI97]. **Gene** [CGO07]. **General** [But81, CMM91, CS72, CGT91, Coo78, Coo81, CF93, CP98, EZB83, Gel81, HW97a, Har96, HLLnWJM98, HZ90, Hub65, JT95, JS98, Joh78, Lin77b, McL74, OR72, PT91, PTP96, Par87a, Pet98a, SW94b, Swa72, Van75, VAF98, ZW94, BD85, DK81, Gus81b, McC85]. **Generalization** [Fre98, Gar66, Jan83, Mar66, Mar79a, SA73, FS87, Lev85]. **Generalizations** [Fos81, FMMR99, HV70, Mor72, You72a]. **Generalized** [BO83, BI66, BIC66, BCM88, BN73, CR86, CL64, CK98, Cli65, Cra76, Cra78, DAB99, Drm98b, Eis83, EL72, FH72, GBIY71, GG76, GR96, Gus70, Her67, Kau74, KG91, KS94, Kub70, Law67a, Let71c, Li87, LRT79, Loe66, LMST69, MRW96, MS73d, MS97a, Mou66, Mou68, MT68b, Mun73, Nob66, Osh85, PS81, Par65, PW70, Rie94, Riv84, Sch74, Scu98, Sid97, SS74, Stu79, Swe74, Tew67, Van81a, Woz75, Chu87, Dyk87, GL81, GR84, Ise79, JS83, Jam80, Kra87, ME81, Nic82, Pai79, SW82, Sco81, Sun83]. **Generalizing** [Van76, PR98]. **Generally** [Tho67]. **Generated** [Nic72, Nic73b]. **Generating** [AD68, Wil69, Sma88]. **Generation** [Dar91, Wel97, Ste80]. **generic** [ASW93]. **Gennes** [DG98a]. **Geodesics** [Gov86]. **Geometric** [PP73a, ZZ98, FR87b, GL88]. **Geometrical** [Mil97]. **Geometrical-Mechanical** [Mil97]. **Geometrically** [DM95, Kel81]. **Geometries** [EZB83, Ker86]. **Geometry** [CHL91, PS83, Asa86, LN82]. **George** [Ano73, DER76, Hou73]. **Gerschgorin** [HV70, Loe70, Var70]. **Gerschgorin-Type** [Loe70]. **Gibbs** [GS96]. **Ginzburg** [DNW98, DW99, Lor97, MH98]. **given** [Bia89]. **Glimm** [LTW95a, Luc85a, PS88, WW93a]. **Global** [Arc78, BP96, BNY87, Car91, Che98, CGT88, CGT89, CR97, EH75, EA91, ES93, Est95, Hil97, KM93, Mor71, Mur82, Pan97,

RR87, Shu72, Ste71b, Bas82, Bas85, BT89, CL92, HP78b, SSB85]. **Globally** [CGT91, Nic81, Pol74, Wat79, Sch86]. **GMRES** [Mor97]. **Godunov** [Daw91, Daw93, BGS98, EL96, Ein88, Lev85, LTW95a, LTW95b, Luc85a, Mun94, NTT94, Vil86, Vil89, WW93a]. **Godunov-Mixed** [Daw91, Daw93]. **Godunov-Type** [Ein88, Mun94, Vil89]. **Golub** [CGO07]. **Good** [Rip92, Esp87]. **Gordon** [Dun97, LVQ95]. **Governed** [Ben96, KK91]. **Grad** [Cha92]. **Grad-Div** [Cha92]. **Gradient** [AMS90, Bar70, Car91, CD90, Coh72, Dan67, Dan70, Eis83, FMMR99, GHK94, Gut93, HS94, KN72, KS94, Man90, Mil97, TXZ89, dT93, FM84, For79, JMP83, Naz79, SSY88, Sha78, Ste83, Win80]. **Gradient-Type** [KS94]. **Gradient-Weighted** [Mil97]. **Gradients** [Rei72, Nic87]. **Grading** [CD85, YS89]. **graph** [CM83]. **Graphs** [Bau74]. **Grau** [Car92]. **Gravity** [Shi66]. **Greatest** [Bra66b]. **Green** [BT69, PR86a]. **Grid** [AD92, BGJ88, BGT97, Ber87, CDS99, CGH91, Dar91, DWW98, Geo77, GPV78, Löt92, MX95, MDH$^+$99, Ott96a, Par99, Xu96, Die82, Dou84, Hac79, Par87b, San85]. **Grid-Aligned** [Ott96a]. **Grid-Free** [CGH91]. **Grids** [AV99, CM90a, CKV98, CGY98, ELPV93, ELV94, For90, HMR73, JLL$^+$98, JW91, MS94, Moo99, NV93, Wu96b]. **Ground** [CE97b]. **Groundwater** [CE97a]. **group** [ED82]. **Groups** [BT80]. **Growth** [CSS97, Gai66]. **GSV** [Pai84]. **Guang** [Pai84]. **Guide** [Hol78]. **Guided** [JPRT96]. **Gummel** [Gar93, Ker86].

H [CGO07]. **Haar** [Dun71, Liu94]. **Half** [Atk69, BH93, CK69]. **Half-explicit** [BH93]. **Half-Line** [Atk69]. **Half-Strip** [CK69]. **Halfplane** [Ahl66]. **Halley** [Pet89]. **Halley-like** [Pet89]. **Hamilton** [Cor96, JX98, OS91]. **Hamiltonian** [CSS97, DDLT91, Jay96, Rei96]. **Hammerstein** [KX96, Kum88, Sar90]. **Hankel** [KK93]. **Hard** [Hoh99]. **Hardening** [Car96, Joh77]. **Harmonic** [Alo97, Bao95, BS76, BS77, Doo66, GW74b, GM97, Hud68, SCWM71, Str72, Tay95, HB86]. **Having** [Aal72, ST69, Tay68, Cas82, DK85, JS85b, JSC91, LM77, Olv65, OS65]. **Heat** [AL91, CKS95, CD67, Can68, CK69, Hub65, KT86, MB97, MC93, Osh70, Sac71, Sei96, Tar96, VK90, GL83, Jam80, LT89b, Mon86]. **Heatless** [Bou98]. **Hellerman** [EGLP85]. **Helmholtz** [AW80, ADK82, BS97a, CD98, IB97, Lin85, WH97, Zem95]. **Helmholtz-Type** [WH97]. **Hencky** [Ben92]. **Henrici** [Bir83, Nic67]. **Henry** [de 78a]. **Hermite** [SP68, AS69, Aus71, BFB92, Bia93, BC94a, CJMT74, DHLR84, Fer74, Hed79, Sun96, Sun99]. **Hessenberg** [KG91]. **Hessian** [Byr90, NO85, PT79]. **Heterogeneous** [GK97]. **Hexagonal** [LM77]. **Hierarchic** [BS96]. **Hierarchical** [BS93b, Osw92, Woh99]. **High** [AR77, BS97a, Bur87, CV72, Enr93, EV96, FF98, FN84, For90, GC88, HW81, HL84b, HK79, dHW73, DW74, IB97, JLL$^+$98, KR97, KW84, LeV96, LB97, LNC97, LO96, OC84, OS91, Swe84, Var71b, Ver93, Yan99, van80, van84, GL88, HO87, Sch80]. **High-accuracy** [HK79]. **High-Order** [Enr93, EV96, FF98, For90, KR97, LB97, LNC97, OS91, Ver93, GC88, KW84, HO87, Sch80]. **High-Resolution** [JLL$^+$98, LeV96]. **Higher** [AL96a, Bal86, BP89, BF91, GAM71, GM97, HR88, PV72, PA73, Rei68b, SC87, Sin77, BE88, Fos81, GZ88]. **Higher-Order** [BF91, GM97]. **Highly** [AP73, AC79, Cas88, Cry74, Den77c, EL97, Güs81a, PT97, BS89a, Pet81]. **Hilbert** [Aub68, De 73, For79, Gri87, Hil76, Hil78, KT97, MM79, Neu88, RD71a, Sch98b, Tau96]. **Hill** [Seg72]. **Hilliard** [EF89]. **History** [MR85, MR84]. **HIV** [ILM$^+$96]. **HIV/AIDS** [ILM$^+$96]. **Hodgkin** [Mas90].

Hold [Les91]. **Holder** [Heb71, Car94]. **holomorphic** [Mül84]. **Homoclinic** [AM98, BK97c, Sch93]. **Homogeneous** [KT86]. **Homogenization** [DE98, NW89]. **Homotopies** [LW92, LZC92, VVC94, VH93]. **homotopy** [LSY89]. **Hood** [BF91]. **Hood-Taylor** [BF91]. **Hopf** [GHK94, GGK97, GMS97, JP96, LNC97, Wer96]. **Hopscotch** [VS97, ED82]. **Horner** [Rei68a]. **Householder** [Tsa75]. **Hurwicz** [Que89]. **Huxley** [Mas90]. **Hybrid** [ELV89, Gea65, KMR94]. **Hydrodynamic** [JRB95, Mey81a]. **Hydrodynamical** [HK91]. **hydrodynamics** [GH83]. **Hydrogen** [FD98]. **Hydrogen-like** [FD98]. **Hydrology** [CE97a]. **Hyperbolic** [Arc78, AV99, Bak76, BD76, BS97b, BL98, Bre75, Bre77, CJR97, Che75, Che77, CK92, CDW96, DF75, DF76a, Don94, Dry78, Dup73b, EH89, Fai94, FR92, FR99, FF91, For75, FP95, GGOS96, GM66, GM69a, GL96a, GYF86, Gus69, Har90, Jam71, JLL$^+$98, KS92a, KKP94, Lay83b, LTW95b, Liu93, MR85, Ott96b, Pet91, Şab97, SW91, SW74b, Tad91, TE86, Tur77, TW93, Wal99, Whe73b, Bal86, CQ82, CT86, DS80, FR87a, GGT82, GLT87a, GLT87b, GG86, Gus80, GK83, HL81, Hig84, JN83, JS87, Luc85b, Lus79a, Lus86, MR84, San85, Ser83, Swe84, van81b]. **Hyperbolic-Parabolic** [KKP94]. **Hyperbolicity** [HLLnWJM98]. **Hyperbolics** [Den74a, Dup73a]. **Hypercube** [Sob79a, Sob79b]. **Hyperelastic** [GW97]. **Hyperpower** [GBIY71]. **Hypersingular** [FHK96]. **Hypothesis** [Den69]. **Hysteretic** [CW97].

IBVP [GGOS96]. **ICCG** [PO87]. **Icosahedral** [BF85]. **ideal** [MP78a]. **Identical** [Lam71]. **Identification** [BM88, Bur90, KS92b, Ler75, dT93]. **if** [OS92]. **Ignoring** [DR65, ET71, Mye91]. **II** [ALM92, AG68, AV90, Ban77, Bar67b, BK97b, BMM99, BPTZ92, Bur90, CMM97c, CDMCW99, Coc90a, DK80b, DOR88b, EL96, EJ95a, For66a, Fri81, Gol98b, GM80, GL93, Hal79, HS67, HR86, IB97, IIMPL82, Jer73b, JNV99, LP80, Maj85, MG72, MS89, Mil81b, Nic73b, RD71b, Rob76, Sch66, Sch68b, ST69, Sha69, SW94b, Smi70, Spi67, Str70, Uso67b, Ver88, Wan93b, WW93b, Yam75, Yan99, Zla74]. **II.** [FP95]. **IIA** [AC98]. **III** [BDLN92, Coc90b, CGY98, DK70, GS96, Hal87a, HR88, JSC91]. **Ill** [Bog77, FH72, Liu94, Neu97, Pla98, Qn99, SEK93, Var73, Car94, Mon86, Tru84]. **Ill-Conditioned** [Bog77, FH72, Var73]. **Ill-Posed** [Liu94, Neu97, Pla98, Qn99, Var73, SEK93, Car94, Mon86, Tru84]. **Image** [ALM92, AM94, AV97, CSH78, Car99, CLMC92, CM99a, KLM94, OR90]. **Imbedded** [JS92, SV94, Ver79, GM83]. **Imbedding** [BW90a, Bör90, Gol77, Mey68, KL82, Mey81b]. **Immersed** [BL92, LL94, WB98, LL95]. **impedance** [Bub85]. **imperfect** [JP92]. **Implementable** [Bur82, HW81]. **Implementation** [BJ97, Dra94, Pot93, Sto73, van95, Bar88, GL80b, Mos83, Tru86, Var85]. **Implementing** [DG94, Tsa75]. **implications** [Naz79]. **Implicit** [Ale77, AP91, ARW95, AFM90, BF99, Bic77, BP89, Bro77, BCM94, BJ97, Coo72, DD94, DL91, EW91, Hof76, Liu99, MPS98, Pet98a, Pet86, Roc89, Rul96, Sac71, Say74, Sch96, STW97, Sta91, Sto68, Ver70, vS89a, vS89b, BB79, BC89, CH95, FSU85a, FSU85b, GG86, HS87, SWC89, Zir82]. **Implicit-Explicit** [ARW95]. **implicitly** [AS85, AG87]. **Improper** [AG68, GA67, GW92]. **Improved** [BK98, BR73, CH72, NV93, Sch71a, Sni72, YR99, Bra80, DRW89, Kar78, Wig87]. **Improvement** [Gra71, Lin72]. **Improving** [AC98, DMW83, Kov70, BX89]. **Inaccurate** [Oet65, CR79, DW85, MM79]. **including**

[BH83]. **Inclusion** [GK86]. **Inclusions** [Vel92]. **Incomplete** [CJZ83, DDE79, GPV78, VSM80, Rus85]. **Incompressible** [BYLP98, BFO96, Dob92, Dra94, DG90, GS91b, HW93, Kre91, LeV96, Lin97, Wet97a, Yan96, ZW94, Zha97, Dou83, Rua89]. **Increasing** [MF98]. **Increment** [Gar75]. **Indefinite** [BKP94, BP71, PS75, Wan93a, Xu92, Yse86, Axe79, Ban81, CW93, Saa83, Wan93b]. **Independence** [DP92, LL96b, ABPR86, AB87, DM82]. **Independent** [Löt92, Wat86]. **Index** [AL96a, AC98, BM96, BP89, CO87, HMM98, LO90, Pet98b, BH93]. **Index-** [AL96a, HMM98]. **indices** [Gea90]. **Indirect** [Jeo94]. **Induced** [Drm98a, Kla98, RD79]. **Inequalities** [BW94, Dan73, Dan75, HR95, Hie80, Hop87, MG72, Mit87, Rob75, Rob76, Sig76, Bea82b]. **Inequality** [Boh77, BPTZ92, HN75, Joh76, Mea69, Yan99, Mar83, MP78b]. **Inertial** [GANT98, HR93, Lor97]. **Inexact** [BPV97, Bro87, Car91, Che98, DES82, EG94, Fon90, Ypm84, Naz86]. **Inexact-Newton** [Bro87]. **Inexact-Newton/Finite-Difference** [Bro87]. **inexpensive** [Mar85]. **inf** [BCM88]. **inf-sup** [BCM88]. **Infinite** [Asa98, Dun74b, Faz96, Jia86, KU71, Ma95, PCW95, CG84, Gab85, LK80]. **Infinite-Dimensional** [Ma95]. **Influence** [Eps76]. **Information** [Byr90, Car91, Woz75]. **Infrapolynomials** [Shi66]. **Inhomogeneous** [GH92]. **Initial** [Bel69, CW96, Cal74, Cal76, Che75, Che77, Dut90, EH76, Gea65, Gek75, Gek76, GG76, Gra65, Her68, HT82, Kin72, MM73, Mil69, NT94, PL87, Rus70, TW74, Var71a, Wat81a, Wer75, Whi82c, ZWW94, dC90, van80, GLT87a, GLT87b, Gus81b, HK79, Pas82, PR82, Sam83, TK84, Ver82, Wat81b]. **Initial-Boundary** [Cal74, Cal76, Gek75, GG76, GLT87a, GLT87b, Gus81b, PR82]. **Initial/Boundary** [Whi82c]. **Initial/Boundary-Value** [Whi82c]. **Initialization** [LPG91, Wat81b]. **Initially** [GLV91]. **Inner** [GGK98, RD79, Gra87b, Nel86]. **Instabilities** [PS88]. **Instability** [Die90, HW83, TT87]. **Integer** [Eri80, MR77]. **Integral** [AC83, AT86, Ans67, AE94, Atk67, Atk69, Atk74, Atk75, Bak71, BK78, BHL96, BJ93, BW76, Bru90, Bry68, CS96, CX98, Cos71, Dav94, DF91, DRS95, Far66, FHK96, GGS94, GGS98, GTV90, GHK94, HP78a, Han71, Her76, Her75, HMT75, HM76b, dHW73, DW74, Hu97, ILT69, Jam68, Jeo94, Kel95, LB98, LSX90, Lin69, Lin91, ML69, Mot66, NdF74, PCW95, Pre73, Rak76, Ric78, SS95, SV96, SW68, Str74, Tra96, Yan94, vSS97, AGS83, AP87, Bia89, Bru84, BRD81, Cha86, Cha78b, Cle81, Del88, Del89, DE79, DL83, Egg83, Egg88, Ell82, Ell84, Fri81, Gea90, Ger89, GC88, Gui87, HLN83, IT80, Ioa81, Joe85, JS89, KN88, LP80, Lus79a, Mar78, Mie86, RB79, RY86, Sle82, Vog86, Whi86b, Wol83, YS89]. **Integrals** [AG68, AV93, DM93, ED77, For73, GA67, GW92, CM88b, Gab85, Gen86, Ger86]. **Integrand** [Lyn78a, Jac88]. **integrand-approximation** [Jac88]. **integrands** [Duf82]. **Integrated** [PK90, Sew66a]. **Integration** [And83a, BR70, BH71, BF75, Bog71, Bro77, BJ97, CM92, CSS97, CW76, Cas81b, Cas88, Col98, CP76, DR65, DM92, Die92, DS92, DGR96, Ehr98, ET71, EJ95c, For75, Fra71, Fri71, Gre91, Gun74, Hab77, Hes98b, JS92, JD93, Kea73, LLNS96, LW70, MR77, MC90, Nav65, NE77, NV88, NtB90, Rab67, RS84, Rei96, RD71b, Ric70, Ros67, SV96, SS99, Sec65b, SP92, Str67a, Str67b, SG68, Str69a, Str69b, Str70, SB77b, VAF98, Wer75, YKS78, BE88, Dag86, DLN83, Esp87, GM83, GM78c, KD83, KP85, MS83, Sas78, SS82,

SK87, SS80]. **Integration-to-Blowup** [NE77]. **Integrators** [DRV94, MQT98, Rei99]. **Integro** [Fai94, FS74, For65, For66a, HKL77, IT91, Lin74, SS88, BMS79, McK79, ST86]. **Integro-Differential** [Fai94, FS74, For65, For66a, HKL77, IT91, Lin74, SS88, BMS79, McK79, ST86]. **Integrodifferential** [Jok96, LT89a, Lin90, LTW91, Mar90a, PP96, YF92, Hu96]. **intended** [AE84]. **intensity** [BvA94, Wig87]. **Interdiffusion** [FL92]. **Interface** [CG98, Car96, CS90, GW97, ILT69, LL94, Lee93, Li98, WB98, FQZ88, Hof85, LL95]. **Interfaces** [Ber87, MDH+99, NV97, LMS87]. **Interference** [DM88]. **Interior** [BS83, Shr73, Tho68a, Whe78, Arn82, Bak84]. **Intermediate** [JD93, Lip73, Bea87]. **Interpolants** [Bub78, PT97, Ver93, BZ88, Cuy87, Del93, Her85]. **Interpolated** [Sco75]. **Interpolates** [KR72]. **Interpolating** [Dur77, Luc74, Nie74, RJ74, Sew66a, FP86, Luc82, LS73]. **Interpolation** [Alf85, Atk68, AS69, Aus71, BW68, BW69, BS76, BZ85, BH70, Bru78, BP80, Bus85, CF85, CJMT74, CM74, CJ75, Cle90, CF90, Dem76, DGR96, DLR82, EJL85, Eps76, FC80, Gor71, GW74b, Gre64, Hal73, Hau71, Her67, Hes98a, Huy93, Ise81b, Jam77, Jia86, LS97a, Lin72, LMST69, LZ71, MS73c, Nic72, Nic73b, Nie80, PR77, Pra70, PV79, RD71a, Rip92, Rob79, SSA84, Sch83b, Sec65a, Sha85a, SP68, Sni72, Ste79a, SCWM71, Str72, Str75b, ST92, SV73, Vér90b, Wal98, Wei74a, Wer75, Wix78, Wuy74, AD92, BBT82, Bea86, Ber89, CF89, DL83, GU88, Gün88, Lee85, PS92, SWC89]. **Interpolations** [CY77, Hak82]. **Interpolative** [Rob66]. **Interpolatory** [HJ99, Ker71, Küt84, RS97a, SP92, CLM89, Dag86, Gen86, SS82, Var81]. **Interpretation** [McC82, Mil97]. **Intersection** [Ale87]. **Interval** [Coh71, Cor83, CR97, Gay82, GS96, Han65a, HS67, Han92, Jac75, Kea90, KX94, Kee86, KN85, MQ82b, Neu87, NK97, Oli74, RC66, Roh93, Sha95, AR81, Ale84, Sch86, Sch89b]. **Interval-Arithmetic** [Cor83, Ale84]. **Intervals** [Faz96, Gus69, KU71, CK85a, Cha85b, LK80, Saa83]. **Introduced** [IPS91]. **Introducing** [Hof76]. **Introduction** [Lan64b]. **Invariant** [Cli68, DL95, Eis67a, FD91, Gol77, GM78c, KL82, LVQ95, Moo96, Rou71, Ste71c, TKJ94, DH79, Jer84, Jer88, Mey81b]. **Inverse** [Ban82, CfXmZ99, CC96b, Chu92, Cli65, DR83, Eri80, GBIY71, GK65, Hoh99, Nob66, Roh93, SS74, Sym80, Sym81, YB96, Zha95, BBT82, Bub86, FNO87, Neu85, Szy88]. **Inverses** [BI66, BIC66, Cli68, Dem77, GP73, MT68a, RSK76, Mee80]. **Inversion** [Che93, Cop90, Hug98, Lau89, MG66, ML69, Obi90, Sch98b, Spi66, Tew67, Bub85]. **Inversions** [EL72]. **Involving** [Fin71, GBIY71, HK91, Len86, Pas82]. **Irreducible** [HP68a, Bun81]. **Irregular** [BDGG71, BD74, Gir74, MW92, Moo99, Olv65, OS65, GL78b, Geo80, GO83, May84]. **Isentropic** [ZH91]. **isola** [JP92]. **Isolated** [BHZ68, Kel81]. **isoparametric** [Len86]. **Isospectral** [CN88]. **Issues** [Die92]. **Itô** [Pet98a]. **Iterated** [Bru84, Cas88, CX98, DF91, KX96, LSX90, Slo76, van84, AP87, Egg83, SB88]. **Iterated-Collocation** [LSX90]. **iterates** [BPTZ92]. **Iteration** [Ban82, BS89b, Cor83, DAB99, DL91, EW91, Gel81, JT70, Kel65, Str74, VP93, Web85, Wim70, Woz75, ALY88, DDE79, Gar81, Mur82, Neu85, Nie79, Rei88, Rus85, Szy88]. **Iterations** [BJZ94, BKP94, FL71, GGK98, Jam73, KT76, Mor72, OR67, PP73a, Sha66, Ste75b, Ste74, Cha78b, Nel86]. **Iterative** [AMW99, AK84, Bas82, BQ76, BB87, BIC66, BP74, BB71, BW86, Chr91, DV97, DSW94, DL83, ELV89, EES83, Erd65, ELPV93,

GBIY71, Gun65, HLY80, JK68, Kin74, KS94, Kov70, KMR94, KK93, Li98, Man81, May87, Med98, MP77, MJ77b, Nic73a, OR66b, Ort73, Ost73, PS80, PW96, PRS90, Per67b, Rat95, Rhe68, Saa83, Sch73, Ser99, SA73, She78, SW94b, SS74, Sto68, Sun96, VK90, Van72, Voi71a, Voi71b, WS93, Wei69, Woo71, Woz74a, Xu92, Zha95, de 78b, de 68, Ban81, BEL89, FQZ88, Ger89, Gre84, Han93b, Jer80, Man82, ME81, Moo78, PSP89, Par87a, PS82, PS85, Str84, Wan93b, You72b, Zla82]. **Ito** [KPH95]. **IV** [EJ95b, HR90, SS96b]. **IVPs** [Jac88].

J [BCL89a, But65, CGT89, Cra78, DF76a, DW82, GN83a, Gup85b, Hic97, HL82, Hil78, HEFS74, Jel79, Laz82, LL95, MR85, Ost65, Pie71, Sob79a, Sym81, Wei95, de 78a]. **J.** [Sew66b]. **Jacobi** [Cor96, DL91, Fer86b, Hua75, JX98, MG66, OS91, Por69, Por71, PH73, SS80]. **Jacobi-Type** [Hua75]. **Jacobian** [CM83, DK85]. **January** [Hou73]. **Ji** [Pai84]. **Johnson** [Med98]. **Joseph** [Wid66]. **Julia** [DAB99].

Kantorovich [Den69, GT74b, Ral80]. **Karmarkar** [Fra87, GM89]. **keeping** [LT88]. **Keller** [MN84]. **Kernel** [AE97, BN74, Fer73, Hil76, Hil78, Hud68, Yan94, Egg83, Tru86, YS89]. **Kernel-Based** [AE97]. **Kernels** [Ans67, CY92, DW74, Lin69, Ric78, Sle68, Bru83, RY86, Sle82]. **Kind** [AE94, Atk67, Bas73a, CS96, CX98, DW76a, Gar75, Han71, Her76, Hil76, Hil78, HMT75, HM76b, dHW73, LE97, LSX90, Lin77b, NdF74, PCW95, Ric78, SW68, Str74, Wil73, Yan94, vSS97, BRD81, Egg83, GC88, HLN83, HL82, Joe85, JS89, LP80, Mar78, Vog86, Wol83, YS89]. **Kinetic** [CP91b, EV96, GPT97, HV96, HL98, JPT98, Kla99, MA81, SZ99, Vas99]. **Kinetics** [BK98, DVW94]. **Klein** [Dun97, LVQ95]. **Knot** [Jia86]. **Knots** [HY95, Jup78, Sch68b, Far85, Mey87b]. **Korovkin** [Cap99]. **Korovkin-Based** [Cap99]. **Korteweg** [CK85a]. **Krawczyk** [AP83, Sch85, Wol80]. **Krawczyk-Like** [AP83, Sch85]. **Kreiss** [SW88]. **Kronecker** [Ste68]. **Kronrod** [Ehr98]. **Krylov** [BSW95, HL97, JK94, Saa92, de 99]. **Kublanovskaya** [JS83]. **Kutta** [OS92, vS89a, Alb87, Alb96, Ale77, AC90, Ale94, AP91, BP96, Bar99, BZ88, BJZ94, BT97, Bic77, BH93, BB79, Bur82, Bur87, BP90, BCM94, But75, BC90, Cas66, Cas69, CS74a, CK92, CV72, Enr89, Enr93, FSU85a, FSU85b, Gup85a, Gup85b, HW81, HL84a, HW97a, Hig89a, Hor83, Hos95, HS94, HS87, JRF91, JT95, JEH78, JN95, Jay96, Kee90a, KL67, Law66, Law67a, Law67b, LNS95, Nak91, PTP96, PT97, Pet86, Roc89, SSA91, SW94a, Sha85a, SV94, SO97, Ver78, Ver79, Ver90a, Ver91, Ver93, in 96, van79, vS87, vS89b].

L [Sew66b]. **Lacunary** [Dem76, MS73c, PV79, SV73]. **Ladyzhenskaya** [DG90]. **Lag** [BP96, vS89b]. **Lagged** [CM99a]. **Lagrange** [BK98, CY77, Gün88, Kar82, LQ84, LK74, Lee93, MTF99, Nic72, Nic73b, RR95, Vér90b, Woh99]. **Lagrangian** [CGT91, EW96, FF98, Mun94, Riv75]. **lags** [Tav78]. **Laguerre** [Fos81, Kah67, Mas73, SC72]. **Laminar** [AP95a, AP73]. **Lanczos** [Saa80, Saa82, Wid78, Nas84]. **Landau** [DG98a, BC99, DNW98, DW99, Lor97, MH98]. **Landau-de** [DG98a]. **Landweber** [Str74]. **Laplace** [Dou93, Atk82, BvA94, BK99, CD77, Che93, Cop90, MG66, Obi90, RHH99, Spi66, Wim77, WH97]. **Laplace-** [WH97]. **Laplacian** [Kut74, ALY88, BL94]. **Large** [Dav97, Dax85, DM92, EL73, Gov97, Hof76, JK94, Jen72, Law67a, Lev82, Rak76, BSW95, CFT84, Lev85, PSP89, Saa82, Ste83, WW93a, WW93b]. **Large-Scale**

[Dav97, PSP89]. **Latent** [Kub70, JS83]. **Lattice** [DS92, ELR95, Hic96, JS92, JD93, SK87, Hic97]. **Lattices** [CY77]. **Laurent** [JS68a]. **Laws** [BCV95, BG98b, CM90b, Coc89, Coc90a, Coc90b, CCL95, CG96, CGY98, CF93, CP98, Cor96, GV91, GLBN97, Har90, JY98, JLL+98, JX98, KR94b, LTW96, Lav91, LTW95a, LMS97, LW98, Liu93, Ma98a, Ma98b, MKT93, NT92, NT94, Şab97, Sch90b, STW97, SB93, TT99, TT95, Tan98, Ten92, Ten94, TW93, Vas99, Bre84, BO88, CT86, HL81, Lav89, LeV88, Lev82, Lev85, LB96a, Luc85b, MT89a, San85, Swe84, Tad89, Vil86]. **Lawson** [WGS90]. **Lax** [MR85, Pet65, Gar66, MR84]. **Lax-Milgram** [Pet65]. **Layer** [AP73, Gue92, LP91, Rat95, Smi81]. **Layers** [JT97, LP77, WL95]. **leading** [Neu88]. **Least** [AL91, BV92, BP74, Boc97, BCMM98, BMM99, BW90b, BN73, BT68, CLMM94, CMM97c, CMM97a, CMMP98, CG98, Car74, CNP93, CG90, CN97, CC96b, CD90, Cli73, DW81, DW82, DW85, DW93, DS68, Eld80, Erd65, GP73, GV80, Ip87, Kah67, Kam79b, KP78, Kin72, Lan77, Liu94, MR98, Mor68, Osb65, Osb75, PS77, PCL94, Per67b, Pow69, Saa87, Sch65, Sch66, SM81, Sta99, Sto71, WW90, Wei92b, Asc78, Bar88, Cor81, Dem87, DS86, FS91, GN83a, GN83b, GM78b, LP78, LP80, Mar83, Pai79, PSP89, Van85]. **Least-Change** [BW90b, DW81, DW82, DW93, Ip87, WW90, DW85]. **Least-Square** [Erd65]. **Least-Squares** [Boc97, BCMM98, BMM99, BT68, CG98, CN97, Kin72, Liu94, MR98, PCL94, SM81, Sta99, Sto71, Cor81, DS86, GM78b, PSP89, Van85]. **Lebesgue** [Bru78, Gün80, Vér90b]. **Leg** [Dah83]. **Legendre** [BYLP98, Can86, Cor96, DG94, Let71a, Ma98a, Ma98b, MKT93, PR95, QZ92, ST95]. **Lemma** [Gre99, Pet65]. **Lemmas** [Vas99]. **Length** [Gol77]. **Leonard** [Wid66]. **Level** [AL96b, Bra94, CDK95, CO87, DFJ74, GM66, KL89, LT98, LO90, Mal98, McC94, MS99c, Rac73, Var80, Yse86, Dai92, JS87, Vog86, Zha96]. **Level-Index** [CO87, LO90]. **LeVeque** [Luc85a]. **Levinson** [KW93]. **Liapunov** [GGM99]. **Liftings** [MS97b]. **Like** [AP83, Bro69, CM74, DAB99, Gar78, BR80, FD98, FM90b, Gri87, Grz85, Pet89, Sch85, Vat88]. **Limit** [Bak71, BJZ94, FGH74, Gus73, Kla98, Kla99]. **limiters** [Swe84]. **Limits** [CJ76, Doo66]. **Line** [Atk69, AV93, Cop90, PT91, PS80, VS97, YR99, BBT82, BPTZ92, DS89b, GLL86, Naz86]. **Linear** [AN66, AK84, ADH99, AV99, Asc77, AL96a, ABDH95, Aub68, Bab72, BDR92, BR73, BR78b, BCC78, BCS78, Bec92, BP74, BF99, BG74, BJS73, BH70, Bre93, Bro95, Buc77, BP71, BC72, Cad73, Cad74, CMM97a, CMM97b, CMMP98, Car99, Cas82, CM74, CS75, Cha73, Che87, Che73, Che75, Chr91, Cli73, Cli76, Con76, Coo72, Coo78, Coo81, Dan67, Dan73, Dan75, Dur88a, DS68, EW72, EES83, Eld80, EJ91, FGH74, For66b, FR78, Gar83, Gay82, Gek76, Geo74, Gre66, Gri74, HMM98, HP78a, Han92, Hel76, Hes98b, Hie80, HMT75, HM76b, Jer73a, Jer73b, JP98, Jok96, KHK93, KN72, KS97a, Kel65, Kel69, Ker96, Kří92, KK91, KM96, Kus68, LQ84, LC98, Lee98, LB90, Lin74, Mah82a, Man81, Man71, MG95, Mat82, MP77, MM73, Mid66]. **Linear** [MS99b, Nas70, NdF74, Neu97, Neu87, Nic73a, Nic92a, NK97, OPW65, Oet65, Osb65, Pai74, PS75, PS77, Phi72, Pot93, Rei72, Rei81, Rip92, Rob75, RS92, RR98, Ros70a, Rou71, SZ99, Sch72, SW77, Sha95, SWW97, SF79, Sta64, Sta91, Ste68, Ste71c, TE98, TXZ89, TK96, Van72, Var73, Var76, Vel92, Wah77, Wal98, Wid78, Xu96, Zed66, dK86, AS85, AG87, BM87, BCL89a, BCL89b, Ber82, Boj84, Bra85, BDGB83, Cas81a, Cha78b, CL92, CR79, DM82, DOR88a, DOR88b, Dob80, Eva80, FKD84, Fer86a, Fra87, GL81, GC88, Gre84, Kin79, Man82, MM79, Mey87a, MK80, Moo94,

Nel86, Pai79, Par87a, Rei88, RY86, Saa83, Saa87, SSY88, Tru84, Var78, Vat88, Vog86, Wu96a, You72b, Zho83, Zla82]. **Linearly** [Rit75, CH95, SWC89, Zir82]. **Lines** [ELW91, KS92a, Tho76, Mey81a, Mey81b, MP85, RK88]. **Liouville** [GB89, GM98, Joh69, Pru73, PFX95]. **Lipschitz** [BO88, Kee90b, Law67a, Sch74, Sew66a]. **Lipschitzian** [BK98, Gri87]. **Liquid** [Alo97, DG98a, LL89]. **Local** [BG98a, Bro87, CS98, Dem77, Dun71, FR92, FR85a, Fon88, JP96, KR72, Mil92, MF90, PW78, Pow69, RV74, Rom90, Ste75b, Ste71b, SH95, Tad91, Tra96, Ver78, Yam98, Ypm84, BX89, CC84, Gri87, LS73, Zen85]. **localization** [Bas82]. **Localized** [EW96, LT88]. **Locally** [AMT99, Cal76, ELPV93, GM69b, SSW96]. **Locating** [Li83a]. **Location** [Row69, CG84]. **Locational** [KC74]. **Locking** [BS92, Boi97]. **Logarithmic** [GS88, SF79, Str75a, Yan94, YS89]. **Logarithmically** [Osa90, DGB82]. **logarithms** [Mie81]. **Long** [EJ95c, Gus69, RR96, Rip92, Lar89]. **Long-Time** [EJ95c, Lar89]. **Lotka** [Wal83]. **Low** [Cal71, CV99, GC95, Kla99, Str66, BN85]. **Lower** [Alf96]. **lowers** [Dem87]. **Lowest** [Bre92, Mar85]. **Lowest-Order** [Bre92]. **LP** [HM85]. **lubrication** [Mey81a]. **Lumped** [DP98]. **Lyapunov** [DRV97, JK94, RW95, Tal91]. **Lyness** [Li83a].

M [de 78a, GL93]. **m-Dependent** [GL93]. **MAC** [HW98, Nic92a]. **Mach** [GC95, Kla99]. **Maclaurin** [Nav65]. **Magnetic** [Hei94, Fri81]. **Magnetohydrodynamics** [van95]. **Magnetostatic** [Per97, Rog93]. **Magnus** [Zan99]. **Majorization** [Ros80]. **Making** [LM86]. **Mandelbrot** [DAB99]. **Mandelbrot-Like** [DAB99]. **manifold** [AS85, FR86]. **Manifolds** [DR90, FD91, GANT98, HR93, Lor97, Ma95, TKJ94, Yen93, Rhe82]. **Many** [TK96]. **Mapping** [Alo97, DeL94, Dri99, Weg86, Rei88, Tru86]. **Mappings** [Ben95, Che98, Nit89]. **Maps** [BK97c, Kee86]. **Maratos** [BPTZ92, PT91]. **March** [Osb79]. **Marching** [BR77, Ban77, Buz77]. **Markov** [BD99, Hav87]. **Marti** [HL82, HL82]. **Mass** [CN97, Mil92, CEv87]. **Match** [Coh71]. **Matching** [Cim72]. **Materials** [Dob92]. **Math** [But65, Ost65]. **Mathematical** [CC66, CC67, For65, For66a, For66b, Fri81, GH77, JPRT96, Lav91, Rog93, Sew66b, Lav89]. **Matrices** [ABP93, BD90, BW90b, Buc66, Bun74b, Cap99, CY93, Chu90, wECGS94, Cli65, Dem77, Des72, EH75, Eri80, FU69, GL75, Gor75, Kee70, Kee71, Kub70, LZC92, LS76, Loe70, MS73b, MS65b, Pai74, PT79, Rak76, RSK76, RS97b, SV70, Sne96, Var79, Var70, Wel97, Wer96, Wil73, Zha95, de 80, CM88a, CM83, Dix83, EGLP85, GZ88, JS83, KPJ82, Mee80, Mel87, PR86a, Sha85b, Ste80, VSM80, WT88]. **Matrix** [AC96b, BQ76, BB71, Bra66b, BH86, Cap99, CGO07, CN88, CD90, Cli68, CMSW79, Dej67, DO92, DTW76, DTW78, GBIY71, Geo76, GPS76, GK65, GV74, GS67, Hal87b, HP68b, HP68a, Han65a, HS67, HYS94, HL97, Hua75, Jam73, Joh78, Kam78, LS72, Van77, MG72, Mar90b, Mea69, MP77, Mil92, Min70, MS73d, Mor72, Nob66, Pel67, Roh93, Saa92, Sch90a, SA73, Ste77, SW88, Tew67, Van75, War77, Bun81, DK81, Dem83, Dry83, Fun87, GHY83, GL78a, JA83]. **Matrix-Free** [BH86]. **Matrix-Vector** [HYS94]. **Max** [GG90]. **Maxima** [Pie69, Pie71]. **Maximal** [DS92, HP68b, HP68a, Min70, Woz74a, Woz75]. **Maximum** [BJZ94, BT97, Bre75, EL93, Gre99, Hud68, Kří92, Liu93, LO96, Pal96, Reu92, Reu94, Shu72, Var66, Wah74,

Wah75, in 96, Bas82, Bas85, RR86]. **Maximum-Norm** [Bre75]. **Maxwell** [GS91a, GM97, Hip99, Mon91, Mon92]. **McKee** [LS76]. **Mean** [BG95, BS87b, CDK95, Dun75, Sew66a, Wal96]. **Mean-Square** [Dun75]. **Mean-Value** [BS87b]. **Means** [Cos71, ML69, PT91, BPTZ92, Hac79]. **Measure** [Pry84, Bra80]. **Measured** [Far66]. **Measurements** [BS87b]. **Mechanical** [Eic93, Mil97]. **Mechanics** [DDLT91]. **Media** [AWZ96, BK97a, BK97b, CSH78, CJ96, AVG89, Dou83, Dur88b, EW80, ER82, EYL89, Rus85, Sam86, Vic80]. **medium** [BSW85]. **Membrane** [BH68]. **Membranes** [Don69]. **Memory** [SWW97, Ano73, CL90]. **Merit** [LS97b]. **Mesh** [AH94, BS97c, BL98, CD85, Cho78, DP92, GT74a, Geo73, HRR94, HR97, JN98, Köh95, LL96b, Osh70, Rhe80a, Riv84, RC78, TH98, Wat86, YS89, ABPR86, AB87, CK85b, Jam80]. **mesh-independence** [ABPR86]. **Mesh-Independent** [Wat86]. **Mesh-Refinement** [Rhe80a]. **Meshes** [Abg98, Ain96, AMT99, Güs81a, JV96, JNV99, MW92, SSW96, Sül91, BS89a, Whi79]. **Method** [AD68, Abl72, AP73, Afr70, AGM92, AE97, AW95, AWZ96, Arc77, AR96, Asa89, Asa98, AC93, Atk74, AV97, AL96b, AW80, AL91, Bab71, BZ73, BK75, BA76, BSK81, BS87a, BS92, Bad91, BS97b, BGT97, BR75, BR87, BK98, BCC78, BDH98, BS87b, BHL96, Ben95, Ben96, Ben92, BJ93, BL92, BF99, Boi97, BJS73, BNP91, Boy77, BK77, BN73, Bra66b, Bre92, Bre93, Bro69, Bun71, CJ76, CL89, CM90a, CMM91, CH68, Car92, CM99a, CfXmZ99, CG90, CN97, CC78, Cha69, Che93, CC94, CE97b, CK92, CW97, Cho78, CK98, CD90, Cia75, Cli73, Cli76, CCL95, CS98, Col98, CP77, Cop90, Cor83, CGH91, CT72, Dan67, Dan70, DM77, DP98, Daw98, Dk99, DK80a, DK80b, Den77a, Den77c, Den67a, Den67b, Den69, DR83, DM98, DF76b]. **Method** [Dia77, Día79, DL95, Dob92, DV97, DG94, Dör99b, Dou93, DR82, Dri99, DER76, Dun74b, DGW91, Eic93, EH92, Eis74, Eis83, EZB83, EH89, EL97, FK76, Fal78, FR92, FFLMW99, FF91, Fin71, For75, For90, FMMR99, GGS94, GGS98, GANT98, GBIY71, GGM99, Gay79, GOQ97, GG90, Gir74, Gir78, GS91a, GJL99, GC96, GS76, GW92, GM91, GM93, GC95, GL96b, GC98, Gus73, Hag75, Hag85, HR95, HW98, Han71, Har90, Hed79, Heg92, Hei98a, Hei96, Hei94, HR93, Hip99, Hof76, Hoh99, Hou90, HLK91, Hua75, HT82, HS92, Iss96, ITM91, IK93, IR99, JK74, Jeo94, JN98, JNV99, JS98, JW91, Jim96, JS68b, Joh77, JPRT96, Kah67, KN72, KJ98, KM99, KP78, Kea90, KL96, KL97, Ker96, KP96, KLM94, KO79, KS92a, KL89, LT98]. **Method** [LL94, Lee91, Lee93, Li83a, LB97, LSX90, LTW95a, LTW95b, Lin97, Lin74, Löt92, Lue70, Ma98a, Ma98b, MKT93, Mad71, MB97, MTF99, MX95, MF98, Mas90, Mat98, Med98, MS91, MS65a, Mey71, MW94, MTTW99, Mon91, Mon92, MF90, Mor95, MH98, MS99c, MS97b, Nel73, Nic81, Nob66, Ols77, Omo77, OR66a, Ort69, Osa90, Pan98, Par99, PW96, Pet91, Pet92a, Pet87, Phi72, PV72, Pie69, Pie71, Pla98, Pol74, PL87, Pre73, PFX95, Ral74, RK88, RR96, Rat95, Red78, Ric91, Rin90, Rit75, SD77, SS88, Sco75, Scu98, She95, SK93, Shu72, Sim75, Sle68, Slo76, SBBL91, SS74, SW91, Swa74, Tap69, Tap74a, Tap74b, Ten92, TYZ95, hTZ97, Tew67, Tha78, Tho76, TV96, Tra96, Tra77, Urb91, Van67, VMSB97, VS97, VIA96, VWI97, Was82]. **Method** [Weg66, Weg86, Wet97b, Whe75, Whe77, Whe78, WM67, Wid78, WB98, WH97, Yam98, ZB96, ZWW94, Zla65, Zla73, Zla74, dT93, dG81, AF86, Ale84, And83b, AM89, Arn82, AF89, ADK82, BI89, BM87, BG88, BCMP91, Bak80, BSW85, Ber86, BR85, Bia89, Bog85, BL87, BH83, Bre89, Cha85a, CK85b, CC84, CL92, DRW89, DK81, DO79,

DK82, DKK83, DK85, Des81, DL82, DH79, DOR88a, DOR88b, Dor84, Dor86, DDE79, Dry83, Dur88b, EL96, Ell82, Ell84, EF89, EHP87, Eri86, EL89, ED82, FM84, FKD84, FR87a, For79, Fos81, Fre87, GHY83, Gar84, Gar81, Gat88, GL81, Gou89, GGL79, Gre84, GO81, GO83, GLL86, GG86, GHS96, GT82, Hac79, Hac81, HL82, IPZ79, Ioa81, JA83, KD79, Kar82, Kar78, KW85, KS83, KS87]. **method** [KN88, Kin79, KHR89, Kum88, LL83, LeV88, LL95, LT88, Lev85, Li83b, LB96a, Lus79b, LR82, MT89a, Mar85, Mar79b, Mey81a, Mey81b, Mit86, Mon86, Mon87, Mos83, Nas84, NV83, OS92, Par87b, Pas79, PW80, Pet81, Rau85, Rei88, RS89, RBC79, San85, Sch71b, SS96a, Ser83, ST95, Sma88, Sor82, Ste83, Str84, SO86, Sty89, Sun79, SB84, TW88, Tre83, TG83, Tru84, Tru86, Van85, Wah80, WL95, Win80, Win82, Wom89, Zen85, Zho83]. **Mèthode** [Cia75]. **Methods** [AP95a, AMW99, AT86, ADZ96, Akr99, AK84, Alb87, Ale77, AC90, Ale94, ABGM92, AG85, AMSS97, AOW93, AD78, AR95, AE94, AP91, ARW95, AL96a, AMS90, AC98, Avi74, AC79, AV90, BCO94, BR70, Bak76, BP96, BS93a, Bar70, Bar99, BF75, BQ76, BB87, Bel97, BJZ94, BT97, BCV95, BP74, Bic77, Boc97, Bof97, BW90a, BW93, BDLN92, BV90, Bra66a, BP89, BC95b, Bre98, BF91, BH86, Bro87, Bru90, BP71, BM97, Bur82, BP90, BS94, BCM94, But75, But81, BC90, BJ97, BGN70, Byr90, CW96, CMM97b, CDS99, Cal71, CF88, Car74, CS96, CV99, Cas97, CS72, CS74a, CS75, Cha73, Che98, CX98, CM90b, CKV98, Chr91, Chu92, CG96, CGY98, CG73, Coo72, CV72, Coo78, Coo81, CS90, CP76, CW78, Cry74, CR97]. **Methods** [Dah83, Daw91, Daw93, DVW94, DW76a, DeL94, DF91, DES82, Den74b, Den74a, DF75, DF76a, Den77b, DW81, DW82, DW93, DL90, DP92, DM92, DRS95, DG94, DH71, DM79, DGP66, DD70, DR82, Dra94, Dry78, DW76b, Dup73b, Dup73a, DFJ74, Dup76, Dut90, E92, ES76, EN83, ELV89, Ein88, EH92, EES83, EC93, ELR95, Enr74, EH76, EH98, EJ91, EJ95c, EJL98, ELW91, EW96, FM87, FM67, Fai72, Fai94, FM90a, FR99, FS74, Fon90, GLV91, Gar75, Gea65, GT74a, GW74a, Gea78, GP84, Gek76, Geo77, Gol93, Gol94, GP98, Gor71, GG76, GGOS96, GM69a, GM69b, GYF86, GW90, GL93, GH92, Haa96, HLY80, Hag90, HW81, HL84a, HW97a, HKL77, Hav87, HV96, HV98, Her75, Hil97, HV97, HMT75, HM76b, dHW73, DW74, DW78]. **Methods** [HK94, HVR88, HZ94, Hud68, HEFS72, HEFS74, HS94, Huy95, HS99, IT91, Jac84, Jac86, JRF91, JT95, JK96, JN95, Jaf92, JK94, JP67, Jan79, JV97, Jay96, Jel77, Jel79, Jen76, Jes78, Joh69, KP87, KX96, KX94, KG91, Kel69, Kel74, KW75, KT86, Kin74, Kin72, Kin73, Kin75, KPH95, KS94, Kov70, KMR94, KM93, KK81b, KK93, KS92b, KT97, KM96, KT92, Kut74, KC93, LS72, Lam81, LL96a, Lay83b, LMV96, Lee98, LPG91, Ler75, Li87, Li91, LFB98, LL89, Lin90, Lin77a, LW70, Lin69, Lov96, LR72, MT89b, MR85, MF97, Mar79a, Mar90b, Mar92, MMD94, Mar94, Mas73, May87, McC82, MR82, McC94, Mey73b, MP77, MT97, MPS98, MJ77b, Moo94, Moo99, Mor71, Mor98, Mur97, Nak91, NP81, Ned78, NK97, Nit89, O'S90]. **Methods** [OPF97, OR66b, OR67, OR72, OR93, Osw92, Pal96, PP96, Pao87, PT97, Par95, Par65, PRS90, Per67b, Pet86, PP73b, PO87, Por69, Por71, Pot93, Rac68a, Red76, RS95, Rei96, Reu92, Reu94, RV74, Rhe78, Rüd93, RS75, Şab97, San98, Sar90, SS93, SS95, SV96, Say74, SSW96, Sch68a, SW94a, SZ99, SF84, Sch90b, Sch96, Sch69e, SS89, SM81, SA73, Sha69, Sha85a, Sha70, She92, She78, Sim71, Sin77, Ske76, SJ77, Sta99, Sti64, Str74, Str65a, de 99, SW74a, SW74b, TE98, TE86, TE89, TS93, TT95, Tan98, Tau96, Tav71, Ten94, TW74, TW75, TK96, TT87, Tur77, VK90, Van72, VP93, Var71b, VW95, Ver78, Ver79, Ver93, VTG91, VA91, Wah92,

Wal99, WW90, Wal73, Wat77, Wei93, Wet97a, Whe73b, Wim77, Woh99].
Methods
[Woz74a, Xu92, Yam75, YF92, YZ94, Yin95, Ypm84, ZZ98, dR81, in 96, van79, van80, van84, vS87, vS89a, vS89b, AVG89, AS84, AP87, BO83, BO87, Bak82, Bak84, BR80, Ban81, BCL89a, BCL89b, Bas82, BZ88, BW86, BEL89, BH93, BQ86, Bru84, Bub85, Bub86, Bun81, BB79, Bur87, BC89, BSW95, BNY87, BN89, CLM87, CLM89, CL90, Can86, Cas81a, CK85a, CT86, CH95, Cha94, Cha85b, CHM88, CR84, CL84, DLN83, DW85, DH79, Doe79, DR84, Dou83, DHLR84, Dyk87, Egg88, ES86, Enr89, Epp84, EJ95a, EJ95b, Ewi78, EW80, ER82, FN84, FR85b, FST87, Fon88, Fos81, FS91, FSU85a, FSU85b, FNO87, FM90b, FQZ88, GV89, Gen84, Ger89, GT85, GGT82, GLT87a, GLT87b, GM80, GC88, GZ88, Gri87, GM78c, Grz85].
methods [Gui87, HLN83, Hal79, HM85, Hal87a, HP80, Han93b, HL87, Hay81a, Hof78, HS87, IT80, Ise84, Joe85, Joh88, JS89, KW84, KP79, Kre78a, KNB86, Kun88, KM88, LM78, Lay83a, LOR85, LMS87, LP78, Luc85a, MM84, MMR88, Man82, MR84, McC84, McC85, McK79, MS83, Mie86, ME81, MG82, Moo78, Nie79, Pan85, PS82, PS85, Pas82, PR86b, Qua87, Rhe80b, RY86, Roc89, Rom90, Rou82, RS87, Saa80, Saa82, Saa83, Sam83, SDC88, SSY88, Sch80, SE81, Sch86, SJ83, SK87, SWC89, Tad86, Tad89, TK84, Var78, Vat88, Ver82, VG86, Wan93b, WH86, Whi86b, Wol83, Wu96a, You72b, Zha96, van81b]. **MGR** [Par87b]. **MHD** [MS99a]. **Micromagnetics** [LM92]. **Microscopic** [CLNP89]. **Microstructure** [LL98, LM92]. **Microstructures** [Col98]. **Midpoint** [de 86]. **Mild** [LP77]. **Mildly** [Ros73, Sim71]. **Milestones** [CGO07]. **Milgram** [Pet65]. **Mimetic** [HS99]. **Min** [GG90]. **Min-Max** [GG90]. **Mindlin** [AF89, DGW91, GN91, Lov96]. **Mini** [Ver88]. **Mini-Element** [Ver88]. **Minimal** [BP80, Fer74, Fra73, RD71a, RD71b, Ric70, Var70, GL80b, Sid86, TD82]. **Minimax** [CC78, DC80, FGH74, Mas73, Ged78].
Minimization
[BG71, BCS78, Ber66, Bog77, Buc76, DG98a, Jer73a, Jer73b, Lue70, OR72, Sha70, BN89, EAVD79, Gou89, KD79, Nas84, Naz86, SW82, SSB85, Toi79, Var85]. **Minimizing** [Sim68]. **Minimum** [AK98, Cad73, Cad74, CR76, DS72, FP86, GM78a, Her76, KS97a, Nie80, SW68, Tre72, GL80b, Mar78]. **Minimum-RMS** [Her76, SW68]. **miscible** [BSW85, Dou85, Dur88b, EW80, ER82, Rus85, Sam86]. **MITC** [SS97]. **Mixed** [AW95, AWZ96, AWY97, Bre92, Bre93, CKV98, CDW96, Daw91, Daw93, Daw98, Dob92, ELW91, ELW99, Fal78, FF93, GV91, GW97, Gir78, HR95, HW98, Her68, HW97b, Joh77, Lee98, Lov96, LL99, MW94, Mon91, OR76, Pan98, Par95, PCL94, Per97, Sch96, SM81, Sta99, Str65a, Tar96, Var71a, Ver84, Ver88, Wig66, ZWW94, BO83, BvA94, BX89, Cle81, DO79, Dur88b, EYL89, FN80, Gus81b, KM88, Mar85, Mon87, PS88, PR82]. **Mixed-Type** [SM81]. **MMPDEs** [HRR94]. **Mode** [GGS94]. **Model**
[BL92, Che95, DG90, DN91, DNW98, Dub90, DGW91, EJ91, ILM+96, JK91, JN98, JNV99, KC93, LW81, Neu98, PSB97, Wal83, AM89, EL89, Lin88, SDC88, Sor82]. **Modeling** [Bou98, GH77, HR93]. **Modelled** [CG93]. **Models**
[BS96, BC95a, BFGP99, COP98, Dax85, DW99, Boj84, BMP89, IKP91]. **Moderate** [WES80]. **Modes** [BDM+95]. **Modification** [Liu93, Wol80, EGLP85, Sor82].
Modifications [Ree90, Ale84]. **Modified** [AD78, Coh71, Gar75, Hal87b, Qn99, Sha70, van81b, DRW89, Hay81b, KD79, KHR89, Mur82]. **Modulus** [Gre99, HY95]. **Moler** [Nic67]. **Moment** [Gus70, GKR70, SZ99]. **Moments** [Pri77]. **Mono** [BCM94]. **Mono-Implicit** [BCM94]. **Monosplines** [Sch65, Sch66, BL80]. **Monotone** [AO82,

Bad91, Bea82a, CF85, CGY98, EJL85, FC80, HS97, Huy93, Jen92, Jok96, LB96b, OR67, PR77, RD79, Rou71, Şab97, Sch73, Sha66, Sha69, hTZ97, Wil73, ZZ98, CF89, KRD78]. **Monotonic** [Kam76, Kam79a, Kam79b, Kam81]. **Monotonicity** [AK90, BZ85, BW89, Van72]. **Monte** [CM92, LC98, MC90, MC93, Owe97, Ros67, Sas78, Spa71, YKS78]. **Moore** [Qi82, Ral80, SS74]. **Morphological** [CDK95]. **Mortar** [AP95a, AMW99, Bel97, CDS99, Woh99]. **Motion** [BP67, CDK95, Gir95, Jen76, Pot93, Wal96, Yen93]. **Motions** [BG95]. **Motivate** [DAB99]. **motivated** [Scr91]. **Mountain** [IZ81]. **Moursund** [Wuy70]. **Movement** [CC96a]. **Moving** [Bai91, BS93a, BTW93, HRR94, HR97, Jim96, MM81, Mil81b, Mil92, Mil97, TH98, Wat86, Wil69, AF86, Hig84, Lin88, MN84, San85]. **MR** [CGT89, Hic97, Jel79, Laz82, LL95, Sob79a, Sym81]. **Multi** [Bro77, DDS80, Dou84, Yse86, Hac79]. **Multi-Derivative** [Bro77]. **Multi-Dimensional** [DDS80]. **Multi-grid** [Dou84, Hac79]. **Multi-Level** [Yse86]. **Multibody** [Yen93]. **Multicell** [Dax85]. **Multicolor** [PO87]. **Multiderivative** [Jel77, Jel79, TK84, Cas81a]. **Multidimensional** [BB74, CCL95, CGY98, Got72, HJ99, JS92, JD93, Kea73, Mey73a, RS97a, Sas78, Sch69e, Sto68, VA91, GV89, KL79]. **Multidimensions** [Daw93, Dör99a]. **Multifluid** [BC95a]. **Multigrid** [AC93, BV90, BKP94, Bra94, Bre92, Bre93, Bre98, CMM97b, DD93, EL97, Gol93, Han93a, Hip99, Hop87, HZ94, JV96, KP87, Lee98, Löt92, MM84, McC82, MR82, McC84, McC85, NV93, Ott96a, PRS90, Reu92, Reu94, Rüd93, SB93, Wan92, Wan93a, Web85, Yav95, ZW94, BD85, BH83, Bre89, DS89a, Gar81, Gol89, Gre84, MMR88, Par87b]. **multigroup** [AVG89]. **Multilevel** [AV90, AK98, Ban82, BM97, Cap99, DD93, HK94, HW97b, Kel95, LL96b, McC94, RW95, Sta99, VW95, Ver84, Ver88, Ban81, Wan93b]. **multiparameter** [Mül84]. **Multiphase** [BJ91, CE97a, Wom89]. **Multiple** [Chu90, CP76, Fra71, GCB74, GGK97, Hon93, LSZ97, LT68, NV93, Ste74, SS65, Tse96, VF93, Wat75, BO87, Gen86, SK87]. **Multiple-Exchange** [Tse96]. **Multiplication** [HYS94, Ura68]. **multiplications** [CLNP89]. **Multiplicative** [CW93, KP85]. **multiplicative-noise** [KP85]. **Multiplier** [Hag85, Hag90, Lee93, Kar82]. **Multipliers** [FJ91, MTF99, Woh99]. **Multiplying** [Nel73]. **Multipoint** [Ste74, Mey87a]. **Multipole** [YR99]. **Multiresolution** [Abg98, AC96b, ADH99, CW96, HYS94, Har96]. **Multiscale** [JPT98, KLM94]. **Multistage** [BJ97, DGP66, Spa71]. **Multistep** [BF75, Bro77, BC72, CS75, Coo72, Cry74, Dah83, DH71, ES76, Enr74, GT74a, GW74a, Gek76, HMT75, HM76b, Jac86, Jel77, Jel79, LS72, MF97, Pot93, SZ90, TK96, VAF98, van80, AE84, BEL89, Bur87, Cas81a, CH95, CL84, Lin83, McK79, Rou82, Var78]. **Multivalue** [BS94, BC89]. **Multivalued** [Ise81a, Bre84]. **Multivariate** [Alf85, Alf96, BJS73, Cox84, Dah80, Far85, Gor71, Hak82, Höl82, Jan79, LLNS96, LK74, Nea92, Nie74, Sch69b, Sch69a, Sch69d, Sch69c, Wat75, Zwa73, de 78a, Cuy87, DM82, Gra87b, HHS78]. **Multiwavelets** [vSS97]. **MUSCL** [Osh85, Yan99]. **Mysovskiı** [DP92].

N [de 78a]. **Nagumo** [Jer80]. **Nanbu** [BI89]. **Natural** [Atk68, FF70, Hal73, JS68a, SS99, LS73]. **naturally** [Arb89]. **Nature** [Bak68]. **Navier** [AP95a, BR85, Boc97, BCMM98, BMM99, BC95b, BM97, CFT84, Dut88, EHP87, GR82, GM93, GL96b, GS91b, HP80, HR82,

HR86, HR88, HR90, Hou90, HW92, HW93, IK93, Kar82, KJ98, KR94a, LL96b, LT98, Lin97, MQ82a, Osb76, She92, She95, TV96, Wee98, Wei93, Yan96, ZH91, ZW94, ZH94]. **Near** [AH94, CW76, Ged78, JD86, LSS94, LNS95, Mas73, Nav65, Bey87]. **Near-Minimax** [Mas73, Ged78]. **Nearly** [CMM97b, WGS90, Ban83, Cha84a]. **necessarily** [Dag86]. **Necessary** [FM84, Wil70]. **Nedelec** [Med98]. **Negative** [Geo76, SS93]. **Nekrasov** [CG93]. **Nerve** [Mas90]. **Nessyahu** [AV99]. **Nested** [DER76, Geo73, GPV78, HS68, LRT79, GL78b]. **net** [Owe97]. **Nets** [LLNS96, LC98]. **Network** [Por69]. **Networks** [Gir74, Wix78]. **Neumann** [BH65, Fun90, ILT69, MG95, Str75b, TMV98]. **Neutral** [AP95b, EH98, Jac81, Jac84, Jac86, Liu99, KK81a]. **Neutron** [Asa89, Asa98, Mad75, MR98, Pit78, Asa86, JP83, Vic80]. **Newton** [Nas84, Sch73, She78, AT86, Ale84, BR80, Bro69, BNY87, BN89, CM87, Cha85a, CfXmZ99, CC84, DK80a, DK80b, DK82, DKK83, DES82, Den67a, Den67b, Den69, DH79, DP92, FST87, FM90b, GT74b, Gra71, GO81, GO83, GLL86, Grz85, HM85, Hoh99, IT88, JS96, JA83, KD79, KS83, KS87, KN88, Mar90b, Mar92, Mor71, MT68a, Mur82, Nic81, OR66a, Pan85, Ral74, Red78, RS89, RM77, Sha70, Sor82, Tap69, Tap74a, Tap74b, TW88, Van67, VVC94, Weg66, Ypm84]. **Newton-Iterative** [She78]. **Newton-Like** [Bro69, BR80, FM90b, Grz85]. **Newton-type** [Nas84]. **Newton/Finite** [Bro87]. **Newtonian** [Pad97]. **Nicolson** [KW76, BF99, Jam80, MH98]. **Nicolson-** [KW76]. **Nine** [HP77, MST88]. **Nine-Node** [MST88]. **no** [BCL89a, CGT89, Cra78, DF76a, DW82, GN83a, Gup85b, Hic97, HL82, Hil78, HEFS74, Jel79, Laz82, LL95, MR85, Pie71, Sob79a, Sym81, Wei95, de 78a]. **Nodal** [Hes98a, Bak84]. **Node** [BTW93, CR90, MST88, Sch93]. **Nodes** [Ehr98, Moo99, SP92, SS65, ST92, Gün88, MP85]. **Noise** [MT97, KP85]. **Noisy** [Lan64a, Wah77, Rag85, Vog86]. **Non** [BK98, Chr91, CGY98, EH76, GKR70, LTW95b, Moo94, Pet65]. **Non-** [Pet65]. **Non-Cartesian** [CGY98]. **Non-Chebyshevian** [GKR70]. **Non-linear** [Moo94]. **Non-Lipschitzian** [BK98]. **Non-Stiff** [EH76]. **Non-Strictly** [LTW95b]. **Nonclassical** [HL98, Pri79]. **noncompact** [Mil79a, Mil79b]. **Nonconforming** [BZ73, Bel97, BV90, Bre93, DM98, Gol94, JPRT96, KJ98, Li91, MDH+99, Pad97, VW95, Zha97, Bre89, EF89, Li83b]. **Nonconvergence** [Boy77]. **Nonconvex** [Bur90, Gre94, MW95]. **Nondegenerate** [Zwa73]. **Nondifferentiable** [Che98, Con76]. **Nondifferentiale** [Con73]. **Nonequilibrium** [BK97a, DVW94]. **Nonhomogeneous** [CJ96]. **Nonideal** [MS99a]. **nonimpulsive** [Bub86]. **Noninterpolatory** [EH72]. **Nonisentropic** [ZH94]. **nonisolated** [Kel81]. **Noniterative** [DO92]. **Nonlinear** [AGP94, ALM92, AWZ96, AG68, Avi74, AC79, AL96b, AK98, Bad91, Bar70, Bog71, Boh77, BJMT73, BW76, Bre73, Bru90, Bry68, CW96, Car99, CG97, Cas88, CLMC92, Che77, Dan67, Daw98, DWW98, DF91, Den75, Den77b, Den77c, Den67a, Den67b, DR83, DM92, Don94, Dou93, Dun97, Dun75, EJ95b, Esp94, FX95, FFLMW99, FS74, Fin71, Fon90, FT74, GPT97, Gai74, GGS94, Gar75, Gay81, Gay83, GP73, Gov97, GS76, GA67, GW90, GL93, GSY92, HP75, Hag90, Hei94, Hen69, HR93, IS90, IR99, Jam71, Jan94, Jer73a, Jer73b, KHK93, KAD93, KM99, KP78, Kee90b, Kel74, Kin73, KKP94, KT92, Kus68, Lam67, Le 94, LP77, Li87, Li88, LW92, LVQ95, Lin90, LTW95a, Mar90a, LR72, Ma98a, Ma98b, MKT93, Mal77, Man80, MT89b, MX95, Mar79a, Mar90b]. **Nonlinear** [MN84, Mey68, Mey73b, Mit77, Moo77, MQ82b, Mor72, MS99c, NT92, NPV93,

O'S90, OR66b, OR67, Osb75, Osh81, Pao99, Par95, Per67b, Por69, Qn99, Qi82, Rac73, Rau73, Red76, Rey72, RD79, Rit75, RSE69, Rob66, Rob76, Ros73, Ruh73, SSA84, SEK93, SF84, Sch96, ST95, She78, Sim71, Sim75, Tad91, TE98, Tho76, Tuc69, Wat79, Wei69, Wei74a, Wei74b, WB98, Xu96, dG81, AP87, Ban83, BR80, CL90, Cha85a, CT86, CC84, CG84, Cor81, DPZ87, Dob80, Doe79, EAVD79, Epp84, EJ87, Ewi78, FR83, FR85a, Fon88, Fri81, FM90b, GM78b, GGL79, HM85, Hay81b, Hof78, IPZ79, JB88, JS85b, JSC91, Jer88, LeV88, LM79, Lus79a, Lus79b, Mar79b, MS83, Mit86, Moo78, MS80, MK80, Neu85, Pas82, Rhe80b, Rua89, San85, Sch85].
nonlinear
[Sch86, SW85, Sma88, Tad88, Tad89, Ver82, WH86, Whi86a, Wu96a, Xu89, Zir82].
Nonlinearly [CS94, BSS87, NO85].
Nonlocal [CKS95]. **Nonmatching** [CDS99].
Nonmonotone [PT91, BPTZ92, GLL86].
Nonnegative [Bra66b, HP68a, Rou71, Wil74, Bun81, BRD81]. **nonnormal** [KPJ82]. **Nonoscillatory** [JLL+98, LO96, OS91, HO87].
Nonoverlapping [Dri99]. **Nonperiodic** [VWI97]. **Nonpolynomial** [BBT82, Bru83].
nonrectangular [Hay81a]. **nonreversible** [GK96]. **Nonself** [Osb67]. **Nonself-Adjoint** [Osb67]. **Nonselfadjoint** [Osb76, Wan93a, Wan93b, Xu92, ES86, Las84].
Nonseparable [CG73, ES86]. **Nonsmooth** [Bre77, HKT92, LT89a, Ric78, FN84, Sam83, Sch80]. **Nonsquare** [BW90b].
Nonstaggered [JLL+98]. **nonstandard** [FP86]. **Nonstationary** [HR86, HR88, HR90, Kla98, LV90, HR82, KR94a].
Nonsymmetric
[BKP94, EES83, KS97a, LZC92, Sta91, Wid78, Ban81, CW93, Lus79a, RY86, Saa87].
Nontriviality [Joh75]. **Nonuniform** [BK75, Güs81a, MS94, Sül91].
nonuniformity [Bra80]. **nonunique** [MG82]. **Nonuniqueness** [AC96a].
Nordsieck
[BS94, CLM87, CLM89, SJ77, SJ83]. **Norm** [AH77, BJZ94, BT97, Bra94, Bre75, BP80, Cad74, DKW82, Gut93, Heb71, Hei98a, Loc73, Nie80, Pal96, Reu92, Reu94, Wah74, Wah75, in 96, BC94a, EAVD79, FP86, Mar78]. **Norm-preserving** [DKW82].
Normal [CH72, EH75]. **Normalization** [Kuz99]. **Norms** [Buc66, FF70, Heb71, Kre78b, RD79, Str75a, Gün88, KRD78].
Note
[BV92, Coh71, Dur88a, Eis83, GTV90, GL75, Her67, JS68a, Ker71, Lam76, Mor97, Pet91, Qi82, Ral74, Rie71, SV73, Tsa75, Wil73, in 96, Cor81, Gat88, Hil80, Pai84, PR86b].
Notions [DP98]. **Novel** [Aus71, Faz96, GANT98]. **nuclear** [EYL89].
null [GO81]. **Number**
[CMSW79, CP76, GC95, IB97, Joe99, KSS80, Kla99, Dem83, GL80a, Ste79b].
Number-Theoretic [Joe99]. **Numbers** [AF68, BS97a, KR74, Kun75, Lin91, MSW95, Dix83, GMP93]. **Numer** [BCL89a, But65, CGT89, Cra78, DF76a, DW82, GN83a, Gup85b, Hic97, HL82, Hil78, HEFS74, Jel79, Laz82, LL95, MR85, Ost65, Pie71, Sob79a, Sym81, Wei95, de 78a].
Numerical
[AP73, AGP94, And79, AOW93, AP95b, AM98, Atk67, Atk69, Atk72, Atk73, Atk74, Atk77, AV93, AW80, Bab72, BvA94, BK78, BGJ88, BF75, Bec92, BW94, Ben92, BCV95, BCR75, BC95a, Ber82, BK97c, Bjø83, BL87, BK77, BP89, BP67, Bru90, Bub86, BC99, BC73, CM65, CC66, CC67, CSS97, Can83, Cas81b, Cas88, CS72, Cha78b, Che93, CC92, Chu92, Cia75, CGY98, CKL91, CG73, Cop90, CP91b, CH94, CT72, Cul71, Dav97, Dav94, DeL94, Dej67, DM92, Die92, Dol99, DE98, Dor70, Dou93, DR82, DN91, DW99, Dub90, Dus95, EK99, Eis67b, Eis74, EH98, Ewi75, Faz96, FS74, FD98, For73, FR68, FP95, FL92, FD91, Fri71, Gar71, Gar83, GGM99, Gau67, Gea78, Geo77, Gla69b,

Gol98a, Gol98b, GJL99, GL96a]. **Numerical** [GM98, Gre94, Gre64, GSY92, Gue92, Hab77, HDS97, HP78a, Han71, Har90, HV96, HHS78, HC86, Her76, Her75, HK91, Hil68, HR99, Hu97, Hug98, HEFS72, HEFS74, ILM+96, ILT69, IIMPL82, IT91, Jac81, Jam68, JP67, Jam69, Jan94, JP96, Jen92, JX98, Joh78, Kam78, Kat69, KC74, Kin75, Kla99, KP85, KSC99, KK81b, KNB86, Kru98, Kus68, Kuz99, Lam67, LE97, LLNS96, LT89a, Ler75, LB90, LSY87, Lin72, Lin69, Liu99, LGMMV92, LL99, LM67, LT68, Ma95, MF97, Mas90, MQT98, MS99a, Met94, Mey71, Mey73b, MG66, MT97, MS97a, MV99, ML92, NP81, NR72, NV88, NtB90, Omo77, PP96, Pao87, Pao99, Par65, Pet98a, Pet92a, Pre73, Pri77, PFX95, RR95, Rak76, Rei99, Rhe78, Ric78, Rin90, Riv75, Rog93, Rüm82, Rus70, RS75, RT95]. **Numerical** [SM96, Sam86, SS88, Say67, Sch93, SS99, Sec65b, Seg72, SW99, Sim75, Sle68, Smi68, Smi70, SS74, Spi66, Sto71, Sto73, SW68, Swa72, Sym80, Sym81, Tar96, Tav71, TK96, UTK96, Var73, Var67, VF93, War77, Weg86, Wei92a, Wei72a, Wei74a, WV79, Whi82c, Wil72, WO96, Yam98, Yan94, ZT67, ZB96, de 78a, dW79, van95, Asc89, Atk82, BM87, BGO89, BMS79, Bak80, Bey87, Bia89, BR88, BO86, Bub85, Cle81, CM88b, Des81, DFK87, DE79, Ell83, ED82, FR87b, Fis82, FNO87, GM83, GL78a, GGT82, GGL79, IT80, Ioa81, Ise84, Jac88, JS85b, JSC91, LK80, Lin85, Lin88, Luc85b, MVV89, MW86, MR83, Mon86, Pet81, RBC79, Ros81, SL83b, Smi81, Sty89, WL95, Whi82b, Whi85, Wol83]. **Numerically** [BW76, HB86, Pai79]. **Numerics** [JRB95]. **Numérique** [Cia75]. **Numerov** [DM77]. **Nutshell** [Alb96]. **Nyström** [Bia89, Cha85b, Ger89, OS92, Rat95, van81b, vS87, vS89a].

O. [FJ91]. **O.D.E** [Ale77, Zir82]. **oblique** [Saa82]. **Obreshkov** [MS68]. **Observability** [CD88]. **Obstacle** [HK94, Pet92a, ZZ98, CHM88]. **Obtain** [Tar96]. **Obtained** [Man90]. **Obtaining** [Cad74, JS68a, Mat72]. **occasion** [MSW94]. **Odd** [DS97, VS97]. **Odd-Even-Line** [VS97]. **ODE** [And83a, BH86, GP84, Hof76, Kuz99, PT97, PR86b, TS93]. **ODEs** [AE84, BM87, BP90, Ise84, Jac88, Yen93, dK86]. **Oil** [GH77]. **Old** [Sti64]. **One** [BR81, BG71, BH71, Bak84, BC95a, BL92, CGS92, Cal76, Che95, CM90b, Dah83, Dar91, Daw91, Dol99, EC93, Fer73, Gar93, GM69b, HMMR95, Jac84, Kah67, KC93, Mao95, MMD94, Mey68, MF90, Moo94, Olv65, PT97, Per92, Rac68b, San98, Sch98a, Tav71, Wah75, Wat79, Whe73b, Whe77, Whi82c, WO96, ZH91, Zen85, ZH94, ddd83, AF86, Bak82, BO88, Cha94, Cho78, CR84, Dun80a, Gar84, Geo80, HLN83, IT88, Joh88, KL86, Lav89, LB96a, MS89, NV79, Osh81, ST95, SWC89, Wat81b]. **one-block** [Cha94]. **One-Dimensional** [BR81, BL92, Cal76, Che95, Dar91, EC93, GM69b, HMMR95, MMD94, MF90, San98, Wah75, Whe73b, WO96, ZH91, ZH94, Bak84, AF86, CR84, Lav89, LB96a, MS89, NV79, ST95]. **One-Leg** [Dah83]. **One-Parameter** [Mey68]. **One-Pressure** [BC95a]. **One-Sex** [KC93]. **One-Sided** [CGS92, BO88, Dun80a, Osh81]. **One-Space** [Rac68b]. **One-Step** [Jac84, PT97, Tav71, ddd83, Zen85, HLN83, Joh88, KL86, SWC89]. **one-way** [Geo80]. **Only** [Hof76, OS92]. **Open** [Tra96]. **Operations** [Cha73, CO87]. **Operator** [AR95, AR96, BG98a, Dan67, HL97, KN72, LTW96, LL96a, Lin77b, Mal98, Mey68, Nas70, O'S90, Osb76, Pet65, Phi72, RW95, Saa92, Ste71c, Tan98, Wah77, WW83, Woz74a, Woz75, Zem95, ABPR86, Des81, Dun80a, Fun87, GK96, GL83, Hop82, Tru84, Xu89]. **Operator-Splitting** [Tan98]. **Operators** [AC83, AT86, Atk73, Atk75, Aub68, Bey92, Boh77, BW93, BT80, Can94,

CH72, De 73, DF84, Don70, EW72, For66b, FHM67, Hes98b, IIMPL82, Kar96, Kee90b, KP97, KK91, Kut70, Mil69, MP68, Mun73, Nic67, OR66a, Osb67, Pal93, Rou71, SLW75, Shr73, Ste68, Tho67, Tho68a, Van67, Wei74b, Wen68, Yav95, dC90, Cha78b, Del89, Hac79, LM79, LP80, MM79, Mil79a, Mil79b, Par82, Pas82]. **Optimal** [Arc78, BS87a, Bar67a, Bar67b, Bas85, Ben96, Ber89, BG74, Cas97, CJY91, CK92, CH97, EJ95a, EW96, Fra78, GK86, GN91, GT74b, Hac81, Hag75, Hag90, HJ99, Heg92, Hes98a, HZ94, IT88, KAD93, Kea73, KS97b, Kra87, KT76, LLNS96, Len86, Lin77a, LP78, Man71, Man82, MO93, MS73b, Med98, MM79, MM73, Mil79a, MT68a, Pet99, Pie95, RW96, Şab97, SEK93, Sei96, Sha85b, Sha95, SP92, Son98, Sta91, de 99, hTZ97, UTK96, Vér90b, Vog86, Wei72a, Wei72b, Whe73b, Whe73c, Wil78, WGS90, Bre89, BRD81, DKW82, Hil80, Neu88, SS96a]. **Optimal-Order** [EW96, Bre89]. **Optimality** [Hin72]. **Optimally** [Riv75]. **Optimization** [Byr90, Con73, CGT89, CGT91, CR97, EA91, Fon90, Les91, MW95, Mir71, Mor68, RR87, Tap74a, Wal73, BT84, BSS87, CGT88, FST87, Fon88, HM85, MP78b, NO85, Sor80, Ste83]. **optimizers** [Dav80]. **Optimum** [CP77, Den74a, GHY83, RS92]. **Orbital** [BP67]. **Orbits** [AM98, BK97c, CSS97, Kee86, Sch83c]. **Order** [And83a, Arc78, AD78, Atk68, AL78, BCO94, Bak76, BD76, BJR90, BM99, Bel97, BFO96, BCMM98, Bre92, BF91, BC73, BP90, BCM94, But75, CLMM94, CMM97c, CMM97a, CMMP98, Cal71, CV99, Cas66, Cas69, CG90, CS74a, CS75, CH97, CJ96, CV72, Coo78, CDW96, Den74a, Die90, Dry78, Dup73b, Dup73a, Eis67b, EW72, EJL85, Enr93, EV96, EW96, FF98, FX95, FF91, For90, FSU85a, Gai74, GW74a, Gea78, Gor75, GAM71, GM98, GM97, HW81, HLN83, HW97a, Heg92, Hei93a, HR88, HR90, dHW73, DW74, HW93, HZ94, HS92, Jac84, JK74, Jen76, KR97, KAD93, Kee70, Kin73, Köh95, KL67, KT76, KC93, Law66, Law67b, LB90, LB97, LNC97, LO96, Löt92, Man78, MF98, Mor95, Mur97, Olv65, OS65, OS91, Par95, PCL94, Per92, Pet86]. **Order** [Pfl97, PV72, PA73, Rac73, Rei68b, SSA91, SS93, Say74, Sch71a, Sch69b, Sem92, SZ90, SB88, She92, She96, Sin77, SBBL91, Sne96, Var71b, Var80, Vel92, Ver93, Vos88, Wah75, Wei86, Whe73b, Woz75, Yam75, Zla65, Zla67, ddd83, van79, van80, van84, AE84, AW83, Bak82, Bal86, BN85, BE79, Bre89, Bur87, Cha85b, DS80, FKD84, FN84, Fos81, FM90b, GT85, GK96, GM80, GC88, GZ88, Gup85a, Gup85b, HO87, HR82, Hor83, KW84, Kin79, KM88, LM78, Lay83a, LeV88, Lin83, MW86, Mar85, NV83, Par82, Sch80, SC87, Ske86, TW88, Var78, Vil89, WT88, Zir82, SO97]. **Order-Preserving** [Köh95, SB88]. **Ordered** [Esp94, Van67]. **Ordering** [EC93, LS76, You72a]. **Orderings** [Van72, GN83a, GN83b]. **Orders** [OR93, PTP96, Voi71a, Whe73b]. **Ordinary** [Ale94, But81, BJ97, Cal71, Coo78, Coo81, DNT83, Doe78, ED77, Enr74, EH76, Est95, Gai74, Gea65, Gea78, Gra65, HEFS72, HEFS74, Hur67, IS90, JT95, Kel69, KW75, Kno92, Lam67, Lam81, LW70, LT67, Mor95, Rei81, SD77, Sha68, Sha69, UTK96, Wat81a, Wer75, Yam75, Zed66, And79, Asc78, Cha94, GS88, Joh88, KP79, Kre78a, Kre79, Maj84, Maj85, Mey87a, Pet81]. **Ordinate** [GJL99, Mad71, Mad75, Pit78, LN82]. **Ordinates** [Asa89, Nel73, AVG89, NV79, NV83, Vic80, VG86]. **Oriented** [OR90]. **Original** [Wet97b]. **originating** [DL83]. **Orthogonal** [Bar99, BFB92, Bia93, Bia98, BF99, BB71, BJN81, FM87, Fra71, Grz85, HP77, HS99, LFB98, ML69, PS77, PR76, Pri79, Str67a, Str69b, Str70, SHR96, YF92, BC94a, Saa83, Ste80, Vin86]. **Orthogonality** [ST91]. **Orthonormal** [Can94]. **Orthonormality** [Kov70].

Orthonormalization [DRV94, SW77, Mey87a]. **Oscillating** [vS87, Mos83]. **Oscillation** [GM98, Fis82]. **Oscillations** [LTW95b]. **Oscillator** [IIMPL82]. **Oscillators** [IIMPL82, Mah82a, Mah82b]. **Oscillatory** [EH89, EL97, VAF98, vS89a, Gab85, Pet81]. **Osculatory** [Bus85]. **Oseen** [AT97]. **OSLO** [LM86]. **other** [Saa82]. **Outer** [GGK98]. **Outflow** [Kre91]. **output** [Hor83]. **Over-Determined** [Cli76]. **Overcoming** [Bre98, Car94]. **Overdetermined** [BCC78, BCS78, BCL89a, BCL89b]. **Overestimation** [Neu87]. **Overlapping** [CDS99, Par99, Wu96b]. **Overrelaxation** [HP75, JR75, CM88a, GHY83, Hat82]. **Overspecified** [Can68].

P.D [Pet65]. **Package** [de 77]. **Padé** [Ged81, HP80, Ise79, Nor78, WW83, Wyn68]. **Pairs** [Eri80, PTP96, SV94, Ver90a, Ver91, Wil73]. **panel** [Rom90]. **Paper** [CGT89, Gla69a, Nic67, Wuy70]. **Parabolic** [ADZ96, Akr99, AE97, AWZ96, Arc77, BL94, BF99, BJS73, BSTW77, Buz77, Cal74, Cal76, CH68, Car72, Car74, Che73, Cho78, DD94, DWW98, DF75, DF76a, Día79, DD70, DFJ74, Ebm98, ES93, EJ91, EJ95c, EJL98, ELPV93, ELV94, FT74, FR68, Gek75, Gol98a, Gol98b, Gol91, GP98, GG76, GYF86, Hil68, HT82, Jam69, Joh76, JNT90, Kee90a, KW76, Kin72, Kin75, KKP94, KK91, LSS94, LT89a, Le 94, Lin90, Mey73b, Mil69, MF90, Moo94, Moo99, NV88, Pal96, PP96, Pan98, Pao87, Pao99, Rac68a, Rac68b, Rac73, Rey72, RW96, Sho75, TE89, TW75, TXZ89, Tho76, Var71a, Var71b, Var77, Var80, Wah75, Wei92a, Whe73b, Whe73a, Whe75, Whe77, Bak80, Bak82, Ber82, BEL89, BQ86, Cas84, Dob80, DDE79, EJ87, EJ95a, EJ95b, GM80]. **parabolic** [Hac81, Hay81b, Hof85, Jam78, JTW83, Lar89, Las84, LM78, Lus79b, LR82, MR83, Mey81b, PS82, Rou82, Sam82, Sam83, ST86, Ste79b, Wah80]. **Parallel** [ABP93, BGM96, BP96, BW94, DM88, DD93, El 90, Hel74, KM93, KT97, OPF97, SB77a, TS93, Zha95, Cha94, DS89a, Whi86a]. **Parallelism** [JN95]. **Parameter** [BR80, Bar70, DR90, JS85a, KS92b, Mey68, SEK93, Sha70, Hil80, Neu88, RK88]. **Parameter-Dependent** [DR90]. **Parameterized** [Rhe93]. **Parameters** [Chu90, Hon93, Kea73, LW92, Sta91, JS85b, JSC91, Man82]. **Parametric** [CM99b, Eps76]. **parametrically** [GU88]. **Parametrisation** [Moo96]. **Parametrization** [Eps76]. **Parametrizations** [Lee92]. **parametrized** [FR83, FR85a, FR86]. **Parrott** [Næv91]. **Part** [Cas88, JN95, Lyn78a, Lyn78b, de 78b, Par87a, BK97a, BK97b, BK99, BCMM98, BMM99, CLMM94, CMM97c, CDMCW99, Coc89, Coc90a, Coc90b, CGY98, FP95, Han65a, HS67, HR86, HR88, HR90, IB97, IPS91, JS85a, JSC91, Rob75, Rob76, SW94b, WS93]. **Partage** [DS89b]. **Parter** [MSW94]. **Partial** [ARW95, AS69, BQ76, Ben96, BB74, Bun74b, CLMM94, CMM97c, CP91a, Dav97, Den74b, Erd65, Ewi75, Fai94, FT74, FR68, GS96, HVR88, HRR94, HR97, Kee70, KP96, KS94, Mar90a, McA66, OR93, Ott96b, Pan98, PR76, Rac73, SS88, Sto68, Sto73, Van72, Wal73, Wei72a, Whe73a, YF92, dC90, van84, AF86, AS84, BR80, CD88, ED82, Ewi78, GM80, LM78, MG82, Sch86, Ske81]. **Partially** [Hof76, Van67, WB86]. **Particle** [BC95b, CR84, Dra94, EH89, GS91a, HV96, HV98, Iss96, MG95, MC93, Ten92, VTG91, VA91, GV89]. **Particle-in-Cell** [VA91]. **Particles** [BG98b, GLV91, Nel73]. **particular** [BO87]. **partition** [DS89b]. **Partitioned** [Jay96, Loe70, Mur97, Var70, BW86]. **Partitioning** [Ste65b, Wei72b, BSW95, GL78a]. **Partitions** [Zwa73]. **Passage** [CP91b, JX98]. **Past** [NV97]. **Patch**

[Sha69, Stu79, Hay81a, Hay81b]. **path** [SC87]. **pathfollowing** [DFK87]. **Pathological** [HR99]. **Patterns** [HV70, MS99b]. **PC** [Ste79a]. **PC-codes** [Ste79a]. **PDE** [Ter98]. **PDEs** [CW96, CD98, Xu96, Wal99]. **Peano** [Fer73, SC72]. **PECE** [Sch71a]. **Penalized** [KL97]. **Penalties** [Whe78]. **Penalty** [BZ73, Con73, Con76, CP77, Den74b, Dus95, FK76, NP81, She95, Arn82, Gou89, Pas79]. **pencils** [Dem83]. **Penrose** [SS74]. **Perfect** [ST76]. **performance** [BO83, DHLR84]. **Period** [GGM99, Wal83]. **Periodic** [Bao95, BC73, CSS97, Car74, Kee86, Mah82b, Sch90b, VP93, Wil78, WO96, Ber82, FN80, Luc82, MT89a, Sch83c, SB88, Ste79b, TK84]. **Periodicity** [Woo71, Cha85b]. **Perpendicular** [Alf85]. **Perturbation** [Bog77, DK70, EH92, EI95, Eld80, Gay81, Gay83, KS97a, KK81b, Ott96a, RSE69, Sem92, Ste77, Sun83, Wei92b, AO82, AW83, Ber86, Chu87, Dem87, Osh81, Smo83, SO86, Sty89]. **Perturbations** [Dan73, Dan75, Dor70, Har90, HMMR95, MS88]. **Perturbed** [AB99, Dör99b, Dör99a, FMOS96, GK97, Gol91, KS97b, KS99, Kin75, Mat98, Rei81, Sch90a, TKJ94, Far88, Fer86a, Gol89, Rin84, Scr91]. **Peter** [Bir83]. **Petrov** [BW93, CX98, DN89, Ker96]. **Phase** [DN91, Gre94, Hol78, JN98, JNV99, Mey71, Tar96, vS87, vS89b, Arb89, Bey87, Dou83, Lin88, MVV89, RBC79]. **Phase-Lag** [vS89b]. **Phases** [Cia75]. **Phenomena** [BDH98, Rin90]. **Phenomenon** [GS96, TT87, Fis82]. **Physical** [Var67]. **physically** [Scr91]. **Piecewise** [AGS83, BJK90, BCS78, BW89, BFB92, BDSW66, CF85, Cle90, Dia77, Die90, EJL85, FC80, Ger86, GS96, HS97, Joh69, Ker96, Pat76, TT99, hTZ97, TXZ89, AS85, AG87, BGO89, Bia89, BC94a, CF89, GHS96, Smo83]. **piecewise-linear** [AS85]. **Piecewise-polynomial** [Ger86]. **Piessen** [Cop90]. **Pipeline** [Kee95]. **pivotal** [Zla80]. **Pivoting** [Ale87, Bun71, Bun74b, Ske81]. **Planar** [Bre93, CMMP98, Fra73, HP77, Hue73, Nic92b, vL92]. **Planck** [BC99, BTW93, HV96, HV98, Sch98a]. **Plane** [CG90, Cha92, Cur66, DM95, EW76, IT95, Ste71a, Wil72, Bru80, Saa87, Wil79]. **Plastic** [HM76a]. **Plasticity** [Car96, Joh77, LB97]. **Plate** [DGW91, GN91, MTF99, PRS90, SS97, TMV98, AF89]. **Plates** [DP98, Lov96]. **Plus** [KK93]. **Point** [AD78, BG74, BK77, BPV97, Cas88, CM99a, Che98, CGH91, DM77, Dia77, DW76b, Dup76, EG94, Fra73, Gla69b, Gre91, HKT92, HLK91, JP98, Kel74, KLY76, KS97b, Lam81, Lan77, LP77, Mar92, MT75, Oli74, Ols77, Red76, Reu92, RSE69, Rus77, SSW96, SW77, Sin77, Ste75b, Ura68, VF93, Wat79, Whe73c, Whe74, Whe77, Yam98, YA95, ddd83, dd86, ALY88, AD92, Asc86, BM87, CK85b, Doe79, DR84, FKD84, Far88, Fer86a, JP92, Ked81, KNB86, Lay83a, LOR85, Nic82, ST78, Sch80, Whi79]. **Points** [AB86, Atk73, BDLN92, DK80a, DK80b, DG94, FD91, GR96, Gun74, Jan94, Koc84, LSS94, LNS95, MS65c, Row69, Sch93, Wei74b, WF97, dS73, Bak84, Bey87, DK82, DKK83, DFK87, FR87b, GR84, KS83, MS80, RR86, WS84]. **Pointwise** [BT69, DN89, GN91, Mad71, Mit77, RB79, Son98, TT99, Gar84, KN88]. **Poised** [AS69]. **Poisson** [Gen84, HV96, HV98, Sch98a, AR96, Bia93, BL87, BH65, BGN70, BDGG71, BD74, Buz77, CR84, DF76b, Dör96, GV89, GLV91, Hei96, May84, Rin92, Spi65, Spi67, SB77b, Sül91, SS73, VTG91, VA91, WO96]. **Polar** [Ben95]. **Pollution** [BS97a]. **Polygon** [Dou93, Kel66]. **Polygonal** [BNP91, BDLN92, Cha86]. **Polygons** [DF75, DF76a, LB98, NtB90]. **polyhedra** [SS96a]. **Polyhedral** [Rat95]. **Polylogarithmic** [PW96]. **polymer** [MR83]. **Polynomial** [AH74, AGM92, BT99, Bru78, Bru91, CJ76,

Cle64, CW78, Dem76, Dia77, Dun74a, Dur83, DGR96, For78, GM75, GK90, Gra71, Gre99, Hen70a, Hes98a, Joh75, JMP83, Kah67, LW92, LMST69, MS97b, Ost70, Ost71, Pat76, Rub64, ST92, VMK97, VVC94, Wat77, Woz74b, de 78a, Bru80, DS84, GL80a, Ged78, Ger86, GT82, Hak82, HHS78, Hu96, LSY87, LSY89, MP78a, Pet89, Sid86, VH93]. **Polynomials** [Bac80, Bar99, Bas73a, BDSW66, BJN81, Car92, Cur66, DTW76, DTW78, Die90, Fra71, Gar78, HP77, JT70, Kim76, LLNS96, Mas73, Mat72, MG66, ML69, Mur71, Not91, PK90, Por73, Rei88, Riv64, Ros67, Row67, Row69, ST69, Sew66a, Str65a, Str67a, Str69b, Str70, Tay68, Tse96, de 88, Gün88, Pri79, Saa83, Saa87, Sch83a, ST95, SL83b, SS80, TD82, Vin86]. **Polytopes** [VVC94]. **Population** [KC93, AM89, IKP91]. **Porous** [AWZ96, BK97a, BK97b, BSW85, Dou83, Dur88b, EW80, ER82, EYL89, Rus85, Sam86]. **Portion** [JP67]. **portraits** [Bey87]. **Posed** [Liu94, Neu97, Pla98, Qn99, Var73, Wen68, Car94, HK79, Mon86, SEK93, Tru84]. **Positive** [EW72, Esp94, Gun74, HP68b, Kat69, Mat72, Min70, Pla98, RS92, SV70, Van72, GHY83]. **Positivity** [AF68, EV96]. **Positivity-Preserving** [EV96]. **Possessing** [Mil66, Rei72]. **Post** [BW89, BX89]. **Post-Processing** [BW89, BX89]. **Posteriori** [AB99, BDR92, BS97c, CV99, FHK96, JNT90, MT75, Moo99, SEK93, Woh99, BE79, Gat88, Han93b, Ked81, Neu88, AT97, BR81, BS96, BW91, BS93b, BEK96, BV96, Est95, JT71, MS99b, Moo94, Ost73, Pad97, Rei81]. **Postprocessing** [GANT98]. **Potential** [Can83, CC92, CKL91, Dav94, Dub90, GGS98, JN95, LT68, Pie69, Pie71, Rat95, YR99, MN87]. **Potentials** [Gue92, Par65]. **Powell** [Buc76, Naz86]. **Power** [AD68, DR83, EL72, Gai66, LS99, PP73a]. **Powers** [Buc66, Cli68, MP77, Far85]. **Practical** [DM95, Wah77]. **Precision** [Fra73, Lan64c, LO90]. **Preconditioned** [CJY91, EG94, GHK94, KS94, KK93, PRS90, Cha89, ME81, Que89]. **Preconditioner** [Ain96, Mal98]. **Preconditioners** [AMW99, Cha87, CY92, CY93, CNP93, Kea90, LNC97, MO93, Ott96b, SW94b, WS93, Gol89, JMP83]. **Preconditioning** [AMT99, Axe79, AV90, ES86, Gol91, GMP93, Gol94, Han93a, Hes98b, KP96, KP97, MP90, PR95, QZ92, SHR96, BCMP91, Fun87]. **Predator** [Wal83]. **Predator-Prey** [Wal83]. **Prediction** [SL83a]. **Predictor** [DH71, Hal74, Jac86, Lam67, Lam71, Zen85]. **Predictor-Corrector** [DH71, Hal74, Jac86, Lam67, Lam71, Zen85]. **predictors** [SC87]. **Prescribed** [LS97b, Shi66]. **Presence** [CR90, ES98, Gau67, Nie99, Rab67, RS84]. **Preserve** [MQT98]. **Preserving** [BZ85, Cle90, CF90, EV96, Kla99, Köh95, Sch83b, DKW82, GU88, SB88]. **Pressure** [BC95a, BCM91, CP98, Dou85]. **Prey** [Wal83]. **Primal** [BCL89a, BCL89b]. **Primitive** [Kar92, SW99]. **Principal** [ED77, CM88b]. **Principle** [HRR94, Hud68, LL96b, Liu93, LO96, Qn99, Tra65, Var66, ABPR86, AB87]. **Principles** [BCMM98, BMM99, MA81]. **Priori** [BHM+99, Dör99a, CL90, CDMW98, CDMCW99, CGY98, CDW96, Sho75, Sig76, Whe73a, YB96]. **Priver** [Gla69a]. **Probability** [Hug98, SS96b, Wat79]. **Problem** [AH94, AH77, AR96, Atk77, BG71, BJK90, BJR90, BW91, Bel69, Ben92, BCR75, Bjø83, Bof97, BBG95, BJS73, BNP91, BH65, BHZ68, BH68, Bre93, CMMP98, CD67, CD77, CG97, CD98, CN97, CC78, CK98, Cho92, Cia75, CKL91, CS90, Cos71, CH94, Cra76, Cra78, Cur66, DG98a, Der71, Dia77, Dub90, Eld80, Epp82, EJ91, Esp94, FH72, FP95, Fre90, FL92, GGS94, Gar83, GW97,

GG90, GV80, GW90, GL93, Gre94, GM97, Han93a, Hei94, HR86, HR88, HR90, ILT69, Jam69, JNT90, KC74, Kau74, KK91, Kub70, Kut72, LV90, Lee98, Li87, MF98, MG95, McL74, MS99a, MTL96, NP81, Neu98, Nic92a, Pan97, PS80, Pel67, Per97, RHH99, Rin92, Rog93, Ros73, Ruh73, Sac71, Sem92, SWW97, Sig76, Sim69, Smi73]. **Problem** [Ste72, Sti64, Str75b, Swa72, Sym80, Sym81, Tar96, TXZ89, Tra77, VF93, Wei92a, Wei92b, Whi82a, Wuy74, Zha95, Ban83, Ber86, Ber82, BCM88, CFQ83, Chu87, CC84, DO79, DNT83, DL82, DDE79, DS89a, Dry83, DN89, Far88, Fer86a, GM78b, Gui87, GK83, Gut83, HR82, JS83, LT88, LT89b, LB96a, Lin85, Lor84, MVV89, Mon86, NW89, Neu85, Pas82, Pie95, RBC79, SW82, SO86, Sty89, Sun83, TW88, Toi79, Whi82b, Whi85, Whi86a, Zha96, Zho83]. **Problème** [Cia75]. **Problems** [AB99, AE97, AW95, AWY97, Arc78, AD78, AS69, AL96b, AK98, Bab72, BR81, BCO94, BS96, Bad91, BS97b, BR75, BR77, Ban77, Ban82, Bar70, BV92, Bel69, Bel97, Bia98, BF99, BG74, Bog77, BEK96, BJMT73, BD99, BDLN92, BK77, BBS73, Bra66a, BN73, BKP94, BPV97, BHM+99, Buz77, CW96, CMM97b, CDS99, Cal74, Cal76, CM65, CC66, CC67, CG98, Car72, Car96, Cas88, CNP93, CfXmZ99, CM84, CC96b, Che98, Che73, Che75, Che77, CC92, CKV98, Chu92, wECGS94, Cli73, CR90, DR90, DM77, Daw91, DD94, DW76a, DF75, Den75, DF76a, Den77b, Den77c, Día79, Dor70, DR82, DSW94, DW76b, Dup76, Dut90, EH92, Eis74, EI95, EG94, EM88, EJ91, EJ95c, EJL98, ELPV93, ELV94, EW96, Fai72, FM90a, FF93, Faz96, FFLMW99, Fin71, FL71]. **Problems** [FR78, FU69, Fun90, Gai74, GGS98, GK97, Gea65, Gek75, Gek76, Geo77, GPV78, Gla69b, Gol77, Gol91, Gol93, GP73, GP98, Got72, GG76, Gra65, GM98, Gre91, GYF86, Gup75, Gus70, GKR70, Hag75, Hag76, HDS97, HKT92, Hei98a, Hei93a, Her68, HK91, Hil76, Hil78, DW78, HK94, HW97b, HZ94, IT95, Jaf92, Jen92, Jer73a, Jer73b, Jes78, JS98, JP98, Joh77, KHK93, Kac99, KP78, Kel74, KW75, KS97b, KS99, KW76, Kin72, Kin75, KS94, KMR94, Kre79, KK81b, Kru98, KS92b, KT97, Kus68, Lan77, LSS94, LMV96, LP77, LM90b, Li91, LZC92, LB97, Li98, LL89, Liu94, LR72, Lue70, MTF99, Man78, MW92, MR85, MMD94, MJ77a, Mat82, MT75, MR82, Mey71, Mey73a, Mey73b, MM73, Mil69, Mir71, Mit77, MS73d]. **Problems** [MV99, Mor98, Neu97, Nic92b, Nie99, NV88, Oli74, Ols77, Osb75, Ott96a, Pal96, PT91, Par95, PR95, Par99, PCL94, PRS90, Per67b, PV72, Pla98, Pol74, Por69, PL87, Pri77, Pru73, PFX95, Qn99, Rac68a, Rac68b, Rau73, Red76, Red78, Reu92, Reu94, Rhe78, Rit75, RSE69, Ros70a, Rul96, RW96, Rus70, RS75, Rus77, RC78, RT95, Sch68a, SEK93, Sch90a, Sch82, Sch72, Sch69e, SW77, Sha68, Sha69, She96, Sho75, Sim71, Sin77, Slo76, Ste71a, Sto71, Str65a, SW91, SHR96, SW74b, TE98, TE89, TMV98, Tap69, Tap74a, Tap74b, Tav77, TW74, TW75, TKJ94, TH98, Urb91, Var71a, Var73, Var67, Vav96, Ver84, Ver88, VS97, VAF98, Wah75, Wan93a, Wat79, Wei86, Wen68, Wer75, Whe73c, Whe74, Whe75, Whe77, Whi82c, Wig66, WH97]. **Problems** [Xu92, Yam98, YB96, Yse86, ZZ98, ZB96, ZWW94, Zla67, ddd83, dd86, dW79, van80, vS89a, AO82, AW83, Asc86, Asc89, Axe79, BM87, BGO89, BvA94, Bar88, Bea87, BC94a, BW86, BR88, Bog85, BPTZ92, BL87, BE79, BEL89, Bub86, BNY87, CW93, Car94, CK85b, Cle81, CM83, CL92, CHM88, Cor81, DK85, DPZ87, Dem87, DS86, Dob80, Doe79, DR84, Don81, Dor86, Dou84, Dyk87, EHP87, EJ87, EJ95a, EJ95b, EW80, ER82, FKD84, FNO87, Gar88, GL78b, Geo80, GN83a, GN83b, Gol89, GGL79, GZ88, GO81, Gri87, GG86, GHS96, Gup85a, Gup85b, Gus80, Gus81b, GK83, Hag86, HK79, JN83, JB88,

KW85, Ked81, KP79, KS87, KNB86, KHR89, Lar89, Lay83a, LK80, LOR85, LNOP82, LMS87, Lin88, LP78, MMR88, MW86]. **problems** [MR84, McC84, McC85, MN84, Mey81b, Mey87a, Mit86, MP78b, Mül84, Nic82, Nic87, OR86, Osh81, Pai79, PSP89, Pas79, PR82, PR86b, Rin84, Rou82, Sam83, Sch80, Sco81, Smi81, Ste79b, SB84, TK84, Van85, Ver82, Wan93b, Wei89, WW88, Whi79, Wom89]. **Procedure** [Aus71, AK98, Bai91, Ban82, BJMT73, BBS73, BB74, Cad74, DKR68, Dup68, FM67, KW76, Obi90, PW78, Spa71, Sto73, VAF98, Whe74, CEv87, Cle81, FQZ88, LL83, LSY89, Lus79a]. **Procedures** [Buz77, DD94, DR82, Gek76, Gre64, Gup75, Ost73, SSA84, SK93, Voi71a, Voi71b, Wei69]. **Process** [Bic77, Law66, Law67b, Med98, Sid97, Sim69, Wil69, FS87, Sam86]. **Processes** [BK97a, BK97b, FF70, Fav64, Law67a, Loc73, Nic73a, Ort73, Rhe68, Rhe80a, Riv84, Wim70]. **Processing** [BW89, GL96a, BX89]. **Product** [Atk74, Bol72, Drm98a, DL75, Ehr98, Let70, Let71a, Let71c, MS83, MSW95, RS84, SV96, SS80, SP92, Ste68, Wei71, CM88b, Dag86, Dyk87, SS82]. **Product-Decomposition** [MSW95]. **Product-Induced** [Drm98a]. **Product-integration** [SS80]. **Product-Type** [Bol72]. **Products** [GBIY71, RD79, Gra87b]. **Profile** [GPS76, AH82]. **Profiles** [BGS98, Kar92, Bub85, CLNP89]. **Program** [Sin73]. **Programming** [Afr70, Asc77, CC66, CC67, Che73, Con76, For65, For66a, For66b, Lav91, MR77, Rau73, Rit75, BT89, CC84, CG84, Fra87, Lav89]. **Programs** [Man81, MS91]. **Progressive** [Afr70]. **Projected** [AP91, CD90, NO85, dT93, TW88]. **Projection** [AP87, Bro87, DF91, EL96, Eic93, GOQ97, HW93, Phi72, Sar90, She92, SK93, WL95, Wet97b, Saa82]. **Projections** [BIC66, Dem77, GM75, Güs81a, LTW91, Bru80, DS86, Grz85]. **Projective** [Ste76]. **Proof** [BG95, KLY76, Pet65, BI89, BH83, HP78b, Ker86]. **Propagation** [BL98, Don94, GSY92, Hig90, FN80, Wal88]. **Properties** [AE84, BM89, But81, CM99b, DS72, Fer74, FU69, Gay79, IIMPL82, Nea92, Ost71, RD71b, Ric70, Sch71a, SL83a, SS82, SS74, And83b, BB88, BZ88, For79, FSU85b, NV79, SSB85, Sid86, Var85, Vic80]. **Property** [HR88, Jim96, Per90, Rei72, Riv64, dT93, LR82, You72a]. **Providing** [Prü82]. **proving** [Ske82]. **Prufer** [BK73]. **Prune** [VMK97]. **Pryce** [Gov86]. **Pseudo** [FT74, GK65, GP73, GW74b, KK98a, MQ82a, Nak91, Mit86]. **pseudo-arclength** [Mit86]. **Pseudo-Harmonic** [GW74b]. **Pseudo-Inverse** [GK65]. **Pseudo-Inverses** [GP73]. **Pseudo-Parabolic** [FT74]. **Pseudo-Runge** [Nak91]. **Pseudo-Spectral** [MQ82a]. **Pseudo-Transient** [KK98a]. **pseudodifferential** [Pas82]. **Pseudoinverse** [Her67]. **pseudoparabolic** [Qua87]. **Pseudoperiods** [Hei66]. **Pseudospectra** [Rie94]. **Pseudospectral** [For90, Fun90, GGS94, GM91, GM93, Hes98b, HS92, IK93, MKT93, Wel97, CQ82, Hei93b]. **Pure** [Bre93, CMMP98, Lee98, Wil69]. **pyramid** [Duf82].

QL [HP78b]. **Quadrangulations** [LS99]. **Quadratic** [BD99, JT70, KK91, MS91, Rob79, Sch83b, Sha74, BT89]. **Quadratically** [AP83, Bro69, Kun88, MS91, CL92]. **Quadrature** [Bak68, BD76, BJ93, Bol72, Chu72, DE72, Don73, Duf82, DL75, ED77, EH72, EMB71, FP91, Gau67, GTV90, Hic96, Hic97, Hue73, Jet87, Kah69, KU71, KR97, Köh95, Let74b, LNC97, Lip73, Loc73, LM77, Lyn78a, Lyn78b, MRW96, MS65a, OT75, PP96, Pat76, Pet92b, RJ69, Rie71, RM77, SS93, Sch65, Sch66, Str65b, SS65, Str66, SC72, SP94, Wil78, Wil70, YA95, DS84, GV83,

Jet82, JS89, KL79, Owe97, SL83b, Wol83]. **Quadratures** [Bar65, Bar67a, Bar67b, Cha69, Gue92, Küt84, Ver70, FP86, Ger86]. **Quadrilateral** [BG98a, Jam77, Zha97]. **Quadrilaterals** [ELW99]. **Quadtrees** [Gar83]. **Qualitative** [HDS97, JS96, GT85]. **Quantitative** [Bra94, San98]. **Quantum** [AR95, Rin90]. **Quartic** [Per76, APS87]. **Quasi** [Ain96, Bar73, CM87, Cas97, CfXmZ99, Che75, GN91, HDS97, JN98, LQ84, LC98, Mar90b, Mar92, MC93, Pad97, Ros70a, ST92, BNY87, BN89, CC84, FST87, HM85, IT88, JA83, KS87, KN88]. **Quasi-Convexity** [Bar73]. **Quasi-Equidistributed** [ST92]. **Quasi-Linear** [Che75, LQ84, Ros70a]. **Quasi-Monte** [LC98, MC93]. **Quasi-Newton** [CM87, CfXmZ99, Mar90b, Mar92, BNY87, BN89, CC84, FST87, HM85, IT88, JA83, KS87, KN88]. **Quasi-Newtonian** [Pad97]. **Quasi-Optimal** [Cas97, GN91]. **Quasi-Static** [HDS97]. **Quasi-Uniform** [Ain96, JN98]. **Quasilinear** [AC96a, Arc77, Arc78, Che73, FR78, Jac86, Jen92, LB96b, McA66, Wei92a, DDE79, MR83, Rin84]. **quasilinearization** [And83b]. **Quasimonotone** [Coc89, Coc90a, Coc90b]. **Quench** [LW81]. **Question** [HR93]. **Quintic** [PV79]. **Quotient** [BS89b, Gel81, Szy88]. **Quotients** [Tra65].

R [Pet92b]. **R-Convex** [Pet92b]. **Radau** [AC98]. **radial** [Smo83]. **radiating** [DPZ87]. **Radiation** [Hig90, Hig94]. **Radiative** [NS93]. **Radius** [Gol98a, Gol98b, HS68, MTTW99, Bun81]. **Radius-Edge** [MTTW99]. **Radon** [Lau89]. **Random** [BC95b, CSH78, HV96, Jen70, KC74, Pet87, HL81, Ste80, Sun79]. **Randomization** [CP76]. **Range** [Joh75, Mil66, Nav65, Bea82b, Des81, KRD78]. **Ranges** [ST69, Tay68]. **Rank** [CJMT74, wECGS94, Cli68, DL90, DS92, Dol99, JD93, LL96a, Olv65, OS65, Wei92b, Dem87, IT88, RR86, Sid86, Whi86b]. **Rank-Deficient** [Wei92b]. **Rank-One** [Dol99]. **Raphson** [MT68a, Weg66]. **rapidly** [Hig84]. **Rarefactions** [NT94]. **Rarick** [EGLP85]. **Rate** [Bab71, BS87a, Bre75, Cha78a, CfXmZ99, Coh72, Dan70, Eis74, ES98, Hed68, NT92, NT94, NTT94, PP73b, Şab97, Sch90b, SZ90, TE98, hTZ97, Dun80b, Fer86b, Gus81b, Li83b]. **Rates** [Atk75, Cal74, Den74a, Ell84, EL93, Hag76, Hoh99, KK91, LTW95a, Por71, RW96, Voi71b, BD85, BBT82, DKK83, LM88, Neu88, Saa80]. **Ratio** [Riv64]. **Rational** [BPR72, Bar73, BT79, BT80, CL64, Cle90, EW76, HZ90, Ise81b, Lam76, MT68b, Pel67, RW89a, RW89b, Sch82, Wal67, Wuy74, de 78a, AR81, Bru80, Cuy87, Del93, Dun80c, Ell83, Gut83, HHS78, KN85, TG83, Var81, Wil79]. **Rationals** [Loe66]. **Raviart** [BV96, Bre92, Mar85]. **Rayleigh** [BS89b, BDSW66, CFQ83, Gel81, Joh69, Omo77, PV72, Sch69e, Sch71b, Sim69, Szy88, Yam75]. **Reaction** [AB99, CW97, EW96, Fin71, MS98, Hof78, Jer80, Jer84]. **Reaction-Diffusion** [AB99, CW97, MS98, Hof78, Jer84]. **Reactive** [BK97a, BK97b, CE97b, DG98b, LP91]. **Real** [AGM92, BT99, Cop90, Dun74a, Gun74, GT82, JT70, KR74, LZC92, DS89b, Sch83a, TG83]. **realistic** [Ker86]. **Reconstruction** [ADH99, HB86]. **Recovering** [GS96]. **Recovery** [AV97]. **Rectangle** [Bia93]. **Rectangles** [BF99, Bjø83]. **Rectangular** [BD74, Cap99, DF75, DF76a, DMR92, Die82, Dun80b, Jer84]. **Recurrence** [Hos95, LB90]. **Recursive** [SK93, Cuy87]. **Red** [Yav95]. **Red-Black** [Yav95]. **Redistribution** [CD85]. **Reduced** [Col98, KS92b, Lee91, Ost71, PL87, Was82, vS87, GK83, Li83b, Sid86]. **Reducing** [BS79, GPS76]. **Reduction**

[BG71, BP90, DF76b, Hel76, Jen92, Spa71, Spi71, Swe74, Swe77, GS88, JB88, Sch89b]. **Réelle** [DS89b]. **Reentrant** [Don69]. **Refine** [AC83]. **Refined** [AMT99, DP92, ELPV93, JNV99, Mei83, BS89a]. **Refinement** [AT86, AH94, BL98, DM93, Dax85, ELV94, MF90, Rhe80a, Riv84, AF86, AB87, Del88, Del89, Zla82]. **Refinements** [Osh70]. **Reflection** [YB96, Bub86]. **Reflections** [Kar96]. **Reflectors** [SP88]. **Regime** [AP95a]. **Regimes** [GJL99, MR98]. **Region** [Car91, CGT89, EA91, Hei98a, Law66, Law67b, Les91, Swa72, Tra77, YA95, BSS87, CGT88, Ged78, SSB85, Sor82, Var85]. **Regions** [BK78, BMS79, BS77, BDGG71, BD74, Fie78, Fra73, Fri71, HP77, Hue73, Lam71, LM77, MJ77b, Str67b, Tha78, AD92, BW86, Hay81a, Jer84, Jer88, JTW83, May84, Sch83c, Ste83]. **Regression** [For78, dG81]. **Regular** [Geo73, HMR73, LM77, NtB90, Wer75]. **Regularity** [BGO89, BH68, HR82, SWB90, Wan92, BS83]. **Regularization** [AL96a, BG98a, Che93, Cul71, EL93, GG90, Heg92, Hil76, Hil78, LE97, Lin97, LP80, Neu97, O'S90, Qn99, RHH99, SEK93, Tau96, Axe79, Han93b, Hil80, Neu88]. **Regularizations** [Wet97b]. **Regularized** [Hoh99]. **Regulator** [BJS73, KK91]. **Reissner** [AF89, DGW91, GN91, Lov96]. **Related** [AG68, BJZ94, CHL91, Die92, GA67, Gre94, LTW91, Pet92b, Sch82, Str74, WM67, BL80, DH79, Gut83, Mie81]. **Relating** [COP98, PV72]. **Relation** [Jel76, SW74a, BO83, Wol83]. **Relations** [HL98, LB90]. **relationship** [Naz79, PR86b]. **relationships** [LOR85]. **Relative** [EI95, Enr93, Gov86, Gri74, KR74, Not91, Pry84, Sin77, SW74b]. **Relativistic** [GS91a]. **Relaxation** [BJZ94, CJR97, CP98, EC93, GPT97, JK96, JV96, JV97, JN98, JNV99, JPT98, JX98, Kac99, Lei98, LL89, Sch68a, Yav95, de 68, FQZ88]. **Relaxed** [DP98, Fre90, Zan99]. **Reliable** [AB99]. **Remainder** [CM74, GTV90, Sta64]. **Remainders** [DE72, Lee85]. **Remark** [EK99, Ura68, Wah80]. **Remarks** [Ahl66, CJMT74, Dan75, Doo66, DL73, HL82, Kut72, Sew66b, Wuy70]. **Remes** [Gri74]. **Remes-Type** [Gri74]. **Remez** [BT99, Ree90]. **Removal** [CSH78]. **reordering** [EGLP85]. **repetition** [Wol83]. **Representation** [Aal72, Abg98, Bas73a, Bey92, Dub90, GTV90, Har96, Let70, Lyn78a, Lyn78b, Mil66]. **Representations** [Cli65]. **Reproducing** [BN74, Hil76, Hil78]. **Requirements** [Haa96, Ste70, Was82, AH82]. **requiring** [KW85]. **Researches** [Sew66b]. **Reservoir** [BJ91, Pet87, Arb89]. **Residual** [AK98, BHM$^+$99, CN97, KPJ82, Lue70, Neu85, PW78, Ste76, Ske81, Vat88]. **Residual-Free** [BHM$^+$99]. **residual-like** [Vat88]. **Residuals** [CV99, Pla98]. **Residue** [RSK76]. **Resolution** [AS80, HL84b, Jaf92, JLL$^+$98, LeV96, OC84, Yan99, GL88, Swe84]. **resolvent** [Mil79b]. **Resonant** [LTW95a, LTW95b]. **Resonators** [BFGP99]. **Respect** [SSW96, Des81]. **Restart** [Mey76]. **Restoration** [AM94, CM99a]. **Restricted** [AH77, Bea82b, GCB74, HZ90, Joh75, KL76, KRD78, Nor78, ST69, Tay68, TW70, Wat74]. **Restrictions** [Var80]. **Result** [Geo76, OR72, PSB97, Pal93, Pai84]. **Resultants** [AGM92]. **Results** [BCM94, CHL91, DeL94, EH75, Eic93, EH76, GW83, GS67, KLY76, LP91, Neu97, Pet86, PV72, Ros70b, Ter98, BL80, BE79, Dag86, FSU85a, MVV89, Mar79b, McC84, Ske82, Win80]. **Retarded** [AP95b, Cry74, Dav94, EH98, LM88, SWC89]. **Retards** [FMMR99]. **Retorting** [GH77]. **Reverse** [LS76]. **Reversible** [CSS97, Mae82]. **Reversing** [MQT98]. **Revised** [Li83a]. **Revisited** [IZ81, Asc86]. **Reynolds** [KSS80, Mey81a]. **Rezoning**

[BC95b]. **rheology** [MR83]. **Riccati** [DO92, DOR88a, DOR88b, Die92, OR86, RW95, SS99, SH66]. **Rice** [Ros70b]. **Richardson** [FS87, Rei88, Sid97]. **Richtmyer** [Gar66]. **Riemann** [BO86, CP98, FR85b, Kur67, Osh84, Ros81, VMSB97, WW93b]. **Rigorous** [Bra94]. **Risky** [Rob79]. **Ritz** [BN73, LTW91, Sch69e, Sch71b, BDSW66, BJMT73, Gar84, Hag75, Jes78, Joh69, Omo77, PV72, Sim69, Yam75]. **Ritz-Least-Squares** [BN73]. **Ritz-Volterra** [LTW91]. **RK** [JN95]. **RLW** [LL99]. **RMS** [Her76, SW68]. **Robust** [AB99, Hig89a, MS98]. **Robustness** [BS92, NV93]. **Rods** [FX95]. **Romberg** [MS65a, Str65b]. **Root** [AOW93, Bra66b, DK85]. **Root-Soil** [AOW93]. **Rootfinding** [Hin72]. **Roots** [AH74, Ost70]. **Rosenberg** [Mil81a]. **Rosenbrock** [OR93, Ver82]. **Rotated** [CK98]. **Rotation** [DK70]. **Rotationally** [FP95]. **Rough** [BCO94, HT82, MDH+99]. **Rounding** [Bau74, Rac68a, Rac68b, Ura68, Woz74b]. **Roundoff** [Mil76, Spi71, Ura68]. **Row** [Var76, GN83a, GN83b]. **Rule** [DS72, GTV90, Hab77, Kre78b, Let71c, LG80, Ura68, de 86, Bea87, Han93b]. **Rules** [DS92, DE72, DL75, ED77, Hic96, JS92, JD93, Joe99, KR97, Let70, Let71a, Let71b, Let74b, LNC97, LM77, LS97b, MRW96, RD71b, Ric70, RM77, BE88, Dag86, Esp87, GM83, Gen86, Hic97, KL79, MP78a, SS82, SS80]. **Runge** [HL84a, SW94a, Alb87, Alb96, Ale77, AC90, Ale94, AP91, BP96, Bar99, BZ88, BJZ94, BT97, Bic77, BH93, BB79, Bur82, Bur87, BP90, BCM94, But75, BC90, Cas66, Cas69, CS74a, CK92, CV72, Enr89, Enr93, FSU85a, FSU85b, Gup85a, Gup85b, HW81, HW97a, Hig89a, Hor83, Hos95, HS94, HS87, JRF91, JT95, JEH78, JN95, Jay96, Kee90a, KL67, Law66, Law67a, Law67b, LNS95, Nak91, OS92, PTP96, PT97, Pet86, Roc89, SSA91, Sha85a, SV94, SO97, Ver78, Ver79, Ver90a, Ver91, Ver93, in 96, van79, vS87, vS89a, vS89b]. **Russell** [Jer88]. **Ryabenki** [EL96].

S [de 78a, Chr91, IS90]. **s-Step** [Chr91]. **S-System** [IS90]. **Saddle** [BPV97, Che98, EG94, Sch93, Nic82]. **Saddle-Node** [Sch93]. **Safe** [Lam81, MJ77b]. **Salutation** [Bir83]. **Sard** [Rei74, BN74, Fra78]. **Sard-Schoenberg** [Rei74]. **Sarkovskiı** [Kee86]. **Satellite** [MF97]. **Satisfaction** [Dk99]. **satisfy** [FP86]. **Satisfying** [Liu93, LO96]. **Saturation** [But64, But65, Neu97]. **Scalable** [MTF99]. **Scalar** [BG98b, CM90b, Coc89, Coc90a, Coc90b, CG96, CGY98, JS85b, JY98, KSC99, KR94b, LMS97, Liu93, NT92, Pet91, Sch90b, TT99, Ten92, Vas99, Bre84, BO88, Lev82, Swa79]. **Scale** [Dav97, PSP89, Ste83]. **Scaled** [BD90, Hor83]. **Scales** [Tau96, GG86, Gus80, GK83, Kre79, Neu88]. **Scaling** [AMT99, GK90, GV74, Sha85b, Sor80]. **scalings** [Dav80]. **Scattered** [HS97, LS97a]. **Scattering** [Hoh99, Nel73, Sym80, Sym81, AVG89]. **Scharfetter** [Gar93]. **Scharfetter-Gummel** [Gar93]. **Schauder** [Tho68a]. **Scheifele** [MF97]. **Scheme** [AV99, AFM90, BG95, Cal76, CDK95, DWW98, ELV94, FX95, FMOS96, Fun93, GL96a, HW92, HW93, Jam71, KC74, Kla98, Kla99, Kos73, LQ84, LC98, Mar90a, MS94, MV99, MDH+99, Nic92a, Pan97, Sch98a, STW97, She96, SW99, hTZ97, Ter98, TW93, Wah74, Wee98, ZH91, ZH94, Asa86, Cuy87, Dai92, Far88, HL81, Hof85, IKP91, Jam80, JP83, KL82, KR94a, Luc85b, MN84, PS88, SS83]. **Schemes** [Bre75, Bre77, BC99, CJR97, Car72, Cim72, Coc89, Coc90a, Coc90b, CS94, CGY98, CJ96, CF93, Den75, DL91, EG75, Eis66, Eis67a,

ES98, Enr93, EV96, FF98, GPT97, GV91, Gar66, Gol98a, Gol98b, GJL99, Got72, GM66, HJ99, HL84b, HL98, Hed68, Her68, Hig89a, Hub65, JLL$^+$98, JPT98, JX98, KHK93, Kac99, KR94b, LMS97, LW98, LO96, Mad75, MW92, MM73, Mir71, NTT94, OC84, Osh85, OS91, PS80, Per90, Per92, Rey72, RS97a, RS92, SM96, SSA91, She92, Str68, Sül91, Tuc69, Var80, Yan99, ddd83, dd86, AO82, Bea86, BC94a, Cas84, Cha84b, CLS86, CS87, Dut88, Fer86b, GR82, GK96, GL88, GH83, HO87, Hat82, HK79, JS87, Lor84, Mun94, Osh81, PSP89, PR82, Rin84, SO97, Swe84, Tad88, Vil86, Vil89, WW93a]. **schemes** [WW93b]. **Schmidt** [de 78a]. **Schoenberg** [Rei74]. **Schröder** [DAB99]. **Schrödinger** [CLS86, CS87, Dai92, Den77a, FD98, IIMPL82, IR99, KAD93, KM99, LFB98, Mal98, Smo83, WH86, Wu96a]. **Schrödinger-Type** [Mal98]. **Schroeder** [Gar78]. **Schroeder-Like** [Gar78]. **Schubert** [Mar79b]. **Schumaker** [Ros70b]. **Schur** [Gar71, Man90]. **Schwarz** [Bad91, CW93, CF88, Cas97, DSW94, GC98, HV97, Mat98, Sto73, Wan93b, ZZ98, Zha96]. **scrambled** [Owe97]. **sea** [LT88]. **sea-keeping** [LT88]. **Search** [AR77, PT91, Sob79a, Sob79b, BBT82, Bas85, BPTZ92, GLL86]. **searches** [Naz86]. **Secant** [BW90b, DW81, DW82, DW93, Fon90, GS76, Ip87, Jan79, Li88, Mar90b, Pol74, WW90, DW85, Fon88, JA83, Mar94]. **Secant/Finite** [Li88]. **Second** [And83a, AD78, AE94, Atk67, BCO94, Bak76, BD76, BJR90, Bas73a, BM99, BC73, CLMM94, CMM97c, Cas81b, CX98, CDW96, Dup73b, Enr74, FX95, FF91, Gai74, Gar75, Gea78, HR90, HW93, Jen76, Kin74, KC93, LeV88, LB90, LSX90, Lin77b, NdF74, Olv65, OS65, Par95, PCL94, PCW95, Per92, Pfl97, Rac73, SD77, Say74, She96, Sne96, SCWM71, Var80, Vel92, Wah75, Wei86, Whe73b, Yam75, Yan94, van79, vSS97, AE84, Bal86, BE79, DS80, FKD84, GT85, GC88, HLN83, HR82, Joe85, JS89, KM88, Lin83, Man82, MW86, Par82, Vil89, WT88, Wol83, Zir82]. **Second-Degree** [Kin74, Man82]. **Second-Kind** [CX98, JS89]. **Second-Order** [And83a, BJR90, CLMM94, CMM97c, CDW96, FX95, FF91, HR90, HW93, KC93, LB90, Olv65, OS65, Par95, PCL94, Per92, Pfl97, She96, Sne96, Vel92, DS80, FKD84, HR82, KM88, Lin83, Vil89, WT88]. **Sectioning** [Jen72]. **Sectorial** [Pal93]. **Seeking** [Shu72]. **Segmentation** [KLM94]. **Seidel** [De 73, Kea90, Mor71, Mor72, OR66b, OR67, Por69, Por71, Yav95]. **Seismology** [YB96]. **Selected** [CGO07, MP85]. **Selection** [CR97, RC78, Sha70, APR83, BR80, Pie95, Whi79]. **Selective** [ALM92, CLMC92]. **Self** [Don70, DKR68, Fri71, JS98, Laz81, Laz82, LO96, GM89]. **Self-Adjoint** [Don70, DKR68, JS98]. **Self-Contained** [Fri71]. **self-correcting** [GM89]. **Self-Similar** [Laz82, LO96, Laz81]. **Semi** [DC80, ELV89, FF98, Gun65, Moo94, NP81, STW97, GG86, LK80]. **Semi-** [Moo94]. **Semi-Circle** [DC80]. **Semi-Discrete** [NP81]. **Semi-Explicit** [Gun65]. **Semi-Implicit** [STW97, GG86]. **semi-infinite** [LK80]. **Semi-Iterative** [ELV89]. **Semi-Lagrangian** [FF98]. **Semicoarsened** [NV93]. **Semiconductor** [CC94, Che95, JK91, MW94, ZWW94, Asc89, Ker88, MS89, RS89]. **Semiconductors** [HN75]. **Semidefinite** [Kel65, Pla98]. **Semidiscrete** [BSTW77, Kin75, Kur67, MTL96, Las84, Sam82, van81b]. **Semidiscretisations** [RW89b]. **Semidiscretization** [Le 94, Vas99]. **semidiscretizations** [JN83, Jer80]. **Semigroup** [IT91]. **Semigroups** [BT79, EJL98, LM88]. **Semilinear** [ES93, FMOS96, Kee90a, LSS94, LT89a, Pao87, Tav77, TW75, HL87, KM88, Lar89, Sty89]. **seminorm** [Bas85]. **semistable** [BN85]. **Semistrict** [Bea76].

Semiterative [EN83]. **Sense** [BCC78, MT97, Mot66, BCL89a, BCL89b]. **Sensitivity** [Liu94, Van77, Rhe93, Ste72, Pai84]. **Separable** [CP91a, KP78, Swa74, Var77, Cor81, Dyk87, KW84]. **Separably** [Lam81]. **Separate** [GP73]. **Separated** [And83a, And79]. **Separation** [Var79, BR88]. **September** [Bir83]. **Sequence** [Hen70b, Jia86, Kee86, KR74, Bra80]. **Sequences** [CJ76, Lin77a, Osa90, SFS86, Wal67, Wim77, DGB82, GB89, Kin79]. **Sequential** [AL96a, KT97, LE97, Lin97, Shu72, BT89, Gou89]. **Ser** [But65, Ost65]. **Serial** [DD93]. **Series** [AD68, Bas73b, Cle64, Coh71, EL72, Gai66, LLNS96, Mil66, Ols77, PH73, Wyn68, Smo83]. **Set** [Dun74b, GK86, Gra71, Oet65, WF97, DGB82, Kra87]. **Sets** [Aal72, AR77, CDK95, DAB99, Dun75, Hes98a, Mat72, Var70, Wil74, Dun80b, Grz85, KL86, TD82]. **Seven** [Fra73, HP77]. **Seventh** [Str67b]. **Several** [Chu90, Coh72, CF93, GM69a, Joh69, Wei71, JS85b, JSC91]. **Sex** [KC93, AM89]. **Seymour** [MSW94]. **Shading** [AC93, RT92]. **Shale** [GH77]. **Shallow** [CDMW98, CDMCW99]. **Shape** [AC93, CF90, GU88, RT92, Sch83b, Swa72]. **Shape-From-Shading** [RT92, AC93]. **Shape-Preserving** [CF90, GU88]. **Shaping** [CH94]. **Sharp** [BD85, SWW97]. **Sharply** [OPW65]. **sharpness** [Tre83]. **Sheets** [CL89, HLK91, Pet99]. **Shell** [TMV98]. **Shells** [CS99, Kir93]. **Shield** [Rog93]. **Shift** [Can94, DR83, War75]. **Shock** [AM94, BGS98, CS94, Dk99, Kar92, LO96, Mao95, OR90, CLNP89, Lev82, Lor84]. **shock-capturing** [Lev82]. **Shock-Tracking** [Dk99]. **Shocks** [EK99, ES98, HL98, HK91, JY98, Laz82, hTZ97, Laz81]. **Shooting** [KM93, Lan77, MMD94, GGL79, PR86b]. **Shortening** [Dzi99]. **SIAM** [BCL89a, CGT89, Cra78, DF76a, DW82, GN83a, Gup85b, Hic97, HL82, Hil78, HEFS74, Jel79, Laz82, LL95, MR85, Pie71, Sob79a, Sym81, Wei95, de 78a]. **Sided** [CGS92, Sha66, ZZ98, BO88, Dun80a, Osh81]. **Sign** [Fer73, Fer74, RD79]. **Sign-Monotone** [RD79]. **Signal** [AM94]. **Signorini** [CG97]. **Similar** [Laz82, LO96, Laz81]. **Simple** [Atk72, BG95, CGT89, CGT91, For73, Gir95, JP92, KT86, Lin72, WS93, WV79, CGT88, MK80]. **Simplest** [Sim69]. **Simplex** [Gra87a, Hes98a, Lyn78a, Lyn78b, LG80, Str69a, Wal98, Gra87b, GM78c]. **Simplices** [Riv84]. **Simplified** [Vil86]. **simploids** [DM82]. **Simulation** [AOW93, BJ91, DG98b, GLV91, Kee95, MS89, MC93, Rin90, Arb89, Asc89, BI89, Dou85, Ker88]. **Simulations** [Pet98a]. **Simultaneous** [AH74, Car92, Den67a, Gra71, Mar79a, MS66, GL81, IPZ79, Pet89]. **Sinc** [Mor95, Bia89, SBBL91, BL87]. **sinc-Galerkin** [BL87]. **Sinc-Nyström** [Bia89]. **Single** [Cal71, ILT69, KW76, Whe75, Arb89, Bak80, Bal86]. **Single-Space** [KW76]. **Singular** [BJ93, Bog77, BK77, CMM97b, Chu92, DK80a, DK80b, DDLT91, DL90, DRS95, Dor70, Drm98a, Drm98b, Eis66, EH92, EI95, GK65, Han71, DW74, DW78, HMMR95, IT91, Jam68, JP67, Jes78, KN72, KR97, Kel65, KL67, KK81b, LL94, Lin69, Van76, LT68, Mal98, MP77, Nas70, Ott96a, PS81, PFX95, Red78, Rus70, RS75, Sem92, Str74, Wei86, WB98, AO82, AW83, Ber86, Bia89, BL87, Bru83, Cha84a, CK85b, DK82, DKK83, DK85, DR84, DE79, Ell82, Ell84, FR87b, Fri81, Ger86, Ger89, GMP93, GO81, IT80, Ioa81, KS83, LL95, Mie86, Osh81, RR86, Sch80, SO86, Sty89, Sun83, Wei89, Zho83]. **Singular-Function** [Str74]. **Singularities** [AS80, AL96a, BDLN92, BHZ68, Bre98, Gov97, Hu97, Köh95, NV97, WH97, BvA94, GO83, Hu96, Kun88, LMS87, SS96a]. **Singularity** [DR65, DW76a, ET71, Gau67, Gol91, Mil66, Mye91, Nav65, Olv65, OS65,

Rab67, RS84, YA95, dW79, Duf82].
Singularly
[AB99, Dör99b, Dör99a, FMOS96, GK97, KS97b, KS99, Mat98, Rei81, Sch90a, TKJ94, Far88, Fer86a, Gol89, Rin84, Scr91].
singularly-perturbed [Fer86a]. **SIP** [Che88]. **Situ** [GH77]. **situations** [Kau86]. **Six** [LS97a, Law67b]. **Sixth** [GM98, Sch71a]. **Size** [GT74a, Kro73, IKP91, Rou82, Ske81]. **size-structured** [IKP91]. **Sizing** [DW93]. **Skew** [Buc77]. **Slab**
[Nel73, PS83, AVG89, LN82, NV83]. **slicing** [Bea87]. **Slightly** [EK99, Mee80]. **slopes** [KN85]. **Small**
[Hof76, MT97, Nie99, Yan99, RK88]. **Smallest** [Osb65, Dem87]. **SMF** [MF98]. **Smooth** [KR72, SS93, SS95, SW74a, SP94, TT99, Bia89]. **Smoothed** [KR88]. **Smoothers** [Neu98]. **Smoothing** [ALM92, BS97c, CLMC92, Cox84, Dur77, Gre66, HR88, HR97, Mun73, Nie74, SS89, Tre72, Wan92, Yav95, BD85, BRD81, Die82, LR82, LS73, Rag85, Wah80]. **Smoothness** [Die90, Haa96, Heg92, HY95]. **Snakes** [CC96a]. **Sobolev** [BM89, BH70, Dur83, Ewi75, Ewi78, Mar83, Sch69a]. **Soc** [But65, Ost65]. **Soil** [AOW93]. **Solenoidal** [BJK90]. **Solid**
[BDM+95, COP98, Gre94, SWW97].
Solid-Solid [Gre94]. **Solitary** [LL99]. **Solutes** [BK97a, BK97b]. **Solution** [AE97, Asc77, AP95b, Atk67, Atk69, Atk74, Atk77, AK98, AW80, BJR90, Bar70, BCS78, Bel69, BW94, BCR75, BJ93, Bic77, Bjø83, Bog71, Bou98, BBS73, BB74, BP89, BP67, Bru90, Buc77, BC73, BDGG71, BD74, Cad73, Cad74, CC66, CC67, CK69, CD77, Cas82, Cas69, Che87, CC96b, Cli73, Cli76, CR90, CKL91, CG73, Cos71, CT72, DO92, Den75, DF76b, Dor70, Dou93, DW99, Dup68, DT73, Eis74, EH98, Ewi75, Faz96, FD98, FL92, GK86, GP84, Gla69b, GM98, GR96, GM97, Gun65, Gus70, Hal87b, HP78a, Han92, Hen69, Her76, Hil68, IB97, ILT69, IS90, IR99, Jac81, Jam68, Jam69, Jen72, Jen92, KHK93, Kac99, Kat69, Kel65, Kin72, Kin75, Kre91, Kub70, KM96, Kus68, LE97, Lan77, Lav89, Lav91, LT89a].
Solution [Le 94, Lee91, LB90, Lin72, Lin74, Lin77b, Liu93, Liu99, LL99, LT68, Man81, Man78, Man80, Man90, MW92, MR98, Mas90, MJ77a, MT75, Mey73b, Mit77, MS97a, ML92, NP81, NdF74, Oet65, Pai74, PS75, PRS90, PCW95, Pre73, Pri77, RR95, Rak76, Rat95, Rei81, Rhe80b, Ric78, Rin92, Rob66, Ros70a, RW95, Ros73, Rus70, RT95, SD77, Say74, SW77, SA73, Sha95, She78, SB93, SW94b, Sle82, Smi68, Smi70, Smi73, SH66, Sto71, Sto68, SW68, Swa72, SS73, Swa74, Tav71, TH98, UTK96, Var73, VWI97, WS93, Wei72a, Wei69, Wei74a, Whi82c, Woo71, Woz74a, Yan94, ZW94, Zha95, dW79, de 68, And79, Atk82, BM87, BGO89, Bak80, Bia89, BW86, BR88, BL87, Cha86, Cle81, Cor81, DE79, DL83, Eva80].
solution [ED82, FR86, Fis82, GL78a, Ger89, GM78b, GGL79, IT80, Ioa81, Ise84, Jac88, JS83, JS85b, JSC91, LK80, LSY87, Lin85, MW86, Mar85, MR83, May84, OR86, RS89, RBC79, Saa83, Sch85, Smi81, Tav78, Vog86, WH86, Whi82b, Zir82, Zla82].
Solutions [AGP94, AGM92, AH76, BR81, Ban83, BC95a, BP74, Bor76, Bry68, Cal74, Cal71, CG98, Car74, Cas66, Che73, Che75, CK92, Cur66, DS68, EH89, Esp94, FHK96, HM76a, Hen70b, HR86, HK91, Hig89b, Hu97, IPS91, JS85a, Jok96, KS97b, Kem75, KL67, KKP94, KK98b, Lam67, LSS94, Laz82, LT67, LNS95, Mah82b, MJ77a, Mid66, Moo77, NT92, NT94, NW97, OPW65, Olv65, OS65, Osb76, Osb65, Rhe93, RR98, RT92, Rul96, San94, Sch72, Sig76, Ste70, Tad91, TT99, hTZ97, Tho68b, Wah77, Wei92a, Whe73c, Wig66, Wu96b, Yam98, Zed66, Zem95, de 78b, vS87, vL92, Bog85, BE79, Bre84, BRD81, Cha84a, CR79, Dor86, FN84, FM90b, GL80a, GC88, HR82, Hof85, Kel81, Lar89, Laz81, LP80, Mar78, MG82, MK80, Par87a, RB79].

solutions [Sch80, Smo83, Ste79b, Vic80, Wil81, Xu89]. **Solve** [CC78, Geo77, Kau74, DL82, Vat88]. **Solvents** [DTW78]. **Solver** [AP95a, Bia93, LP77, OPF97, Gup85a, Gup85b, LNOP82]. **Solvers** [BFB92, Bör90, Buz77, CP98, NV93, PT97, Rat95, BO86, Osh84, WW93b]. **Solving** [BR75, BCC78, BW76, Bre73, BP71, BGN70, CSH78, Cho78, DKR68, Ehr71, Gar75, Gay82, GPV78, GG90, GS76, GM97, GM91, Gup75, Han71, HV98, Hie80, Hil76, Hil78, HMT75, HZ94, Iss96, JK94, KMR94, KK93, Li88, Li91, LW92, LZC92, Mar79a, Mat98, McL74, Mey68, Moo99, Nic73a, NK97, Per67b, Phi72, Pla98, Pot93, RC78, SB77a, SEK93, Sco81, Sin77, Sti64, Sun96, SHR96, Swe77, TMV98, VMK97, VP93, Var76, VVC94, VTG91, Was82, WES80, Zla65, APR83, BCL89a, BCL89b, Boj84, DOR88a, DOR88b, Ell84, GL81, Gre84, HL82, IPZ79, LOR85, LMS87, LSY89, Mar79b, McK79, NV83, Saa82, Saa87, Str84, Toi79, Tru84, VG86]. **Some** [AH74, AH94, AF68, BR70, BR87, BS93a, BE79, BSTW77, Bre73, Bro77, CM65, CC66, CC67, CS96, CV72, DRW89, Den75, Den77c, DS72, DMP75, Die92, DW76b, EG75, Eri86, EL72, For79, FU69, Gay79, Gla69a, GS67, Hed68, Hel76, Hur67, Kac99, KL67, Kov70, LB96b, LR72, Mas73, Mou65, NK97, Not91, Osa90, Osb75, Ost71, Pad97, RS87, Saa92, SS95, SW85, Str67b, SG68, SCWM71, Str73, Str75b, TE98, Tho68b, Var67, Ver90a, Ver91, Win80, Woz74b, Wuy70, Wuy74, Wyn64, YF92, Zha97, Ale84, Bea86, BM89, CW93, Dag86, EH75, FS91, GZ88, Mee80, ME81, SL83b, Zla80]. **Sor** [Sch73, ALY88, FL71, JV97, Mar94, Wan92]. **Sor-Newton** [Sch73]. **SOR-Secant** [Mar94]. **Sound** [Hoh99]. **Sound-Hard** [Hoh99]. **Source** [BG74, Can68, GL96a, GLBN97, GSY92, LTW96, TT95, Tan98]. **Sources** [LL94, WB98, Bub86, LL95]. **Space** [BS93a, BEK96, BW93, BM97, Cho78, CF93, Daw91, De 73, ELV94, Fai72, FF91, GM69a, GYF86, Hil76, Hil78, KM99, KW76, KT86, LFB98, LMS97, Mao95, Moo94, Moo99, Per92, Rac68b, TE98, Wet97b, Whe75, Whe77, Whi82c, ASW93, Bak80, Bak82, DPZ87, For79, GO81]. **Space-Time** [BS93a, KM99]. **Spaced** [HY95, Sec65b]. **Spaces** [Alf96, Arc78, Aub68, BN74, BH70, Cap99, Dia77, Die90, Dur83, For66b, Fra78, HJ99, Kim76, KT97, LTW91, Man71, Pal93, RD71a, Sch69a, Van67, Yse86, BM89, Gri87, MM79]. **Spacing** [Köh95]. **Sparse** [BB87, Bun74a, Geo74, GL75, Geo76, GPS76, Li88, LS76, PS75, PT79, VVC94, BB88, CM83, DW85, EGLP85, GN83a, GN83b, Mar79b, Sco81, Toi79, Zla80, Zla82]. **Spatial** [HR88, HR97, JV96, Moo99, Pit78, PS83, Wet97a, HR82]. **Special** [BCO94, Buc66, BT68, Cas82, MF98, Osb75]. **specification** [CEv87]. **Specified** [CK69]. **Spectra** [CJY91, EW91, Wat86, CM88a, Mil79b]. **Spectral** [AR95, BM99, Bel97, BYLP98, BCM91, BK99, BBG95, CGS92, CF88, Cas97, CD90, COP98, DF84, DG98b, Dut90, E92, EH92, GGS98, GOQ97, GS96, Gre91, GC95, GL96b, HS68, IIMPL82, ITM91, KP96, KP97, LV90, Ma98a, Ma98b, MQ82a, PR95, Pas82, PW96, QZ92, Rin90, Rin92, Sch90b, Sne96, SW91, Sun99, TE86, TE89, TT87, BCM88, BM89, Bun81, CQ82, Del89, GLT87a, GLT87b, Ker88, Lus86, MT89a, Mil79a, Qua87, Swa79, Tad89, WT88]. **Spectral-Viscosity** [Sch90b]. **Spectrally** [VWI97]. **Spectrum** [Mil92, Bea87, Cha89, Des81, GL83]. **Speed** [AH74, ST67]. **Sphere** [BF85, Spi65, Spi67, Str73, Str75b, Tay95, KD83, Swa79, Swa81]. **Spherical** [GC95, Kir93, KSC99, Tay95]. **spherically** [SE81]. **Spline** [Alf96, Arc77, Atk68, BFB92, Bia93, Bia98, BF99, BJS73, BH70, Cox84, DDS80, Dem76,

Dem77, Dur77, Fai94, Gra87a, GYF86, GZ88, Gre64, Hal73, HVR88, JS68a, Jer73a, Jer73b, Jia86, KR72, KK81a, KZ66, Kem75, LB98, Lau89, LFB98, Lip73, LT67, Mal77, Mun73, NdF74, PR77, PR98, Ros70b, RS97b, Sch69a, Sch68b, Sch83b, Sec65a, Sun99, YF92, de 88, AS84, APR83, Bea86, BC94a, Bru83, Die82, DS89b, Hak82, Hu96, Lee85, Rag85].

Splines
[BC72, Cal71, CS74b, Dah80, DS89b, DS97, Fer74, Güs81a, Höl82, HY95, Jup78, Ker71, Koc84, LS99, Luc74, MS73a, MS73c, Nie74, Pow69, PV79, Ric67, Sch70, Sch74, SLW75, Sch69b, Sch89a, ST76, SV73, SW74a, SW74b, Wer75, Zwa73, de 77, dC90, APS87, ASW93, AD92, Bea82a, Bea82b, DM82, Far85, Gra87b, Luc82, LS73, Mey87b, Pet95, SB88].

Split [BT97, GM69a, KW93, WH86, in 96].

Split-step [WH86]. **Splitting** [AR95, AR96, CGY98, Geo76, Gup75, Hei93b, Hei98b, KT86, KT97, LTW96, LM79, Pet98a, Spi71, Tan98, Yse86, van80, van84, GK96, Gut83].

Splittings [BN76, May87, de 78b, Nie79].

Spread [ILM+96]. **Spuriosity** [AGH97].

Spurious [BDM+95, IPS91]. **SQP** [KS92b].

Square [Dun75, Erd65, Sch66]. **Squares** [AL91, BV92, BP74, Boc97, BCMM98, BMM99, BN73, BT68, CLMM94, CMM97c, CMM97a, CMMP98, CG98, Car74, CNP93, CG90, CN97, CC96b, CD90, Cli73, DS68, Eld80, GP73, GV80, KP78, Kin72, Lan77, Liu94, MR98, Mor68, Osb65, Osb75, PS77, PCL94, Per67b, Pow69, SM81, Sta99, Sto71, Wei92b, Asc78, Bar88, Cor81, Dem87, DS86, FS91, GN83a, GN83b, GM78b, Kam79b, LP78, LP80, Pai79, PSP89, Saa87, Van85].

Stabilised [SW94b, WS93]. **Stability** [Ale94, AB86, Bab72, BK78, Bar99, Bec92, BZ88, Boh77, BN83, BF91, BB79, But81, CKS95, Cha84b, CS87, CE97b, DLN83, Dav94, Dej67, DL90, Dun80c, Dus95, Eis66, EM88, FSU85b, Gar71, GT74a, GW74a, Gea78, GHS97, GP98, Gor75, GLT87b, Gre66, Gri86, HL84a, Hal74, Hen70a, HR86, Hof78, HM76b, Hur67, IR99, Jam80, Jan83, Jel76, Jel77, Jel79, JN83, JRB95, KR94a, Kos73, KO79, KK98b, Lam67, Lam71, LL96a, Law66, Law67b, Lin92, MB97, MS65b, Omo77, Ort73, Osb76, Pal93, PS92, Pet98b, Pet87, RS95, RHH99, Rob75, Rob76, SM96, Sch71a, Sid97, Ste65a, SI83, SWC89, SH95, Sym80, Sym81, TS93, Ter98, TK96, Tre72, Tuc69, Var71a, Var71b, Var77, Var80, VS97, Wei89, Wyn66, ddd83, dd86, van81c, BMS79, CLM87].

stability
[CLM89, CK85a, Gar88, Jer84, Rua89, Sid86, SJ83, WR85, Whi86b, Wol83, Mil79b].

Stabilization
[BDH98, EH92, SK93, BEL89, Pie95].

Stabilized [CS99, Osb79, van79].

Stabilizing [Pet98a]. **Stable** [Alo97, Bog71, BN85, Bur82, Buz77, Car72, Cas88, CLS86, Cim72, CS94, Coo72, Cra76, Cra78, Cry74, Dut88, Gol98a, Gol98b, GS76, HW81, HL84b, Hen70a, Hil97, Jen76, Kee86, KT86, KL86, KW93, Law67a, Lay83b, Met94, Osb79, Riv75, Tho67, Van81a, Vav96, Wen68, Bur87, BC89, Cha94, Dai92, DN89, EHP87, EGLP85, Fei82, GT85, HB86, HK79, Luc85b, Pai79, Var78, Zir82, SW94a]. **Stage** [JT70, Nic73a]. **Staggered** [For90].

Standard [AC96b, JN95]. **start** [VH93].

Started [SZ90]. **Starting** [MJ77b, MT68a].

State [CS99, CK92, Hag75, HM76a, KKP94, Lav91, Ric91, SB93, Tar96, Wu96b, ZB96, FN84, Lav89, Tav78]. **state-dependent** [FN84, Tav78]. **States** [LGMMV92, Sim75].

Static [HDS97]. **Stationary** [AK98, Den67b, DG90, FK76, Gir78, Hav87, KJ98, LSS94, LNS95, MS99a, MW94, Osb76, Woz74a, Bey87, Kar82, Lor84, Man82, Par87a, You72b]. **Steady** [BGS98, CK92, HM76a, Kre91, KKP94, KK98b, Lav91, Ric91, SB93, Tar96, Wu96b, ZB96, Lav89].

Steady-State
[CK92, Lav91, SB93, Tar96, Wu96b, Lav89].

Steckin [Gre99]. **Steepest** [Nas70, WM67].

Stefan [Cia75, Epp82, LT89b, MVV89,

Mey71, Mey73a, RBC79, Tar96, Whi82a, Whi82b, Whi86a]. **Steffensen** [JS68b]. **Stein** [Mil81a]. **Stekloff** [Kut72, Kut82]. **Stencils** [Liu93]. **Step** [BS94, Cal71, Chr91, DT73, HW97a, Jac84, Jac86, JRF91, JT95, KX94, Kro73, PT97, TT95, Tav71, Ten94, UTK96, ddd83, Bal86, DLN83, EJ87, GT85, HLN83, HP80, Joh88, KL86, KR94a, Lev82, Lev85, SWC89, WW93a, WW93b, WH86, Zen85, Rou82]. **Steplength** [dR81, SC87]. **Stepping** [GP98, LSZ97, DDE79, Ewi78, ER82, Rus85]. **steps** [DLN83, Lin83]. **Stepsize** [Lin77a, SZ90, Ske76, CLM87, CLM89, CL84, SJ83]. **Stepwise** [CKS95]. **Sticky** [BG98b]. **Stiefel** [Dun74b]. **Stieltjes** [Hu96, Not91, Wyn68]. **Stiff** [Ale77, Ale94, AFM90, BH86, BP90, BC90, Cas81b, Enr74, EH76, Hof76, Ise81b, Jel76, Jel77, Jel79, Kno92, Lam81, Lin77a, LW70, LNS95, MPS98, SD77, STW97, Tan98, VIA96, Wat81a, BSW95, FSU85a, Ise84, Joh88, Kre78a, KNB86, Maj84, Maj85, Smi81, SWC89, Ver82, Wat81b]. **Stiffly** [Coo72, Jen76, Var78]. **Stochastic** [MT97, MPS98, Pet98a, SM96, Tal91, KP85, KR88, Rüm82]. **Stokes** [AP95a, AT97, BJK90, BW91, BR85, BCM88, BCM91, Boc97, BCMM98, BMM99, Bof97, BC95b, BM97, CMM97a, CN97, CK98, CFT84, DN89, Dut88, EHP87, FK76, FF93, Gir78, GR82, Gui87, GM93, GL96b, GS91b, HP80, HW98, Hei93b, Hei98b, HR82, HR86, HR88, HR90, Hou90, HW92, HW93, IK93, Kar82, KJ98, KL96, KL97, KR94a, LV90, LL96b, LT98, Lin97, MQ82a, Met94, Osb76, Pan97, Pie95, She92, She95, SW94b, Str84, TV96, WS93, Wee98, Wei93, Yan96, ZH91, ZW94, ZH94]. **stopping** [Han93b]. **Storage** [AH82, Was82, GL80b]. **Strain** [DP98, RS95]. **Strand** [Her76]. **Strang** [Got72]. **Strang-type** [Got72]. **Strategies** [Bun74b, RC78, de 99, AB87, Enr89, Zla80]. **Strategy** [Ser99, BT89]. **Stratified** [CM92]. **Stream** [BYLP98]. **Streamline** [TV96]. **Stress** [San94, Wig87]. **Stresses** [GH92]. **Strict** [Bar73, DT73, Les91]. **Strictly** [Bre75, Bre77, LTW95b]. **Strip** [CK69, Kra87]. **stripe** [Mel87]. **Strong** [Gar88, May87, Ste65a, SSB85]. **Strongly** [SS93, Say74, Tra96]. **Structural** [Pet87]. **structurally** [EGLP85]. **Structure** [BT68, Cas82, GGM99, Ged81, LVQ95, Row67, KL79]. **Structured** [AC79, IKP91]. **Structures** [Bao95, Mel87]. **Studies** [Don94]. **Study** [Car99, FP95, HR99, Osb76, Rog93, Ste65a, Van72, FR87b, FR85b, Fri81]. **Sturm** [GB89, GM98, Joh69, Pru73, PFX95]. **Sub** [GS96]. **Sub-Interval** [GS96]. **Subcritical** [Nel73]. **Subdivision** [CR97, HJ99, PR98, RS97a]. **Subdomain** [CG90]. **Subdomains** [Bad91]. **Subdominant** [Mid66]. **Subject** [Jam73, Kel69, CEv87]. **submatrix** [Dem87]. **Suboptimal** [Sch79]. **subsequences** [BDGB83]. **Subset** [RC66]. **Subsets** [Bac80]. **Subspace** [Byr90, HL97, JK94, Jan94, KS94, Rit90, Saa92, de 99]. **Subspace-Breaking** [Jan94]. **Subspaces** [Aal72, BS79, Eis67a, Rit90, Ste71c]. **substructures** [BW86]. **Substructuring** [AMW99, DSW94, MTF99, PW96]. **Subsystems** [And83a, And79]. **success** [SS96b]. **Successive** [Ber66, Cos79, Dax85, HP75, JR75, MQ82b, CM88a, DS86, Hat82, Jer80, SB88]. **Sufficient** [Far88, Fer73, Wil70, FM84]. **Suitable** [Erd65]. **Sum** [GS96, Rit90, LM79]. **Summation** [Fav64, MS73a]. **Sums** [Cli65, Kam76, Rei68a, Kam79a, Kam79b]. **Sun** [Pai84]. **sup** [BCM88]. **Super** [CJY91, Ma98b, Sch89a]. **Super-Optimal** [CJY91]. **Superconductivity** [DNW98]. **Superconvergence** [Dou85, Dup76, ELW91, ELW99, GGOS96, Hu97, KX96, Pan97, SSW96, TXZ89, Wah92, Bak84, DS80, LN82, Zen85].

Superconvergent [Cha86, JP98]. **Superlinear** [Che98, Mor97, Sor80, Toi79, Win80]. **Supersonic** [DG98b]. **Supersplines** [LS97a]. **Support** [Aal72, Afr70, Fer74]. **Supported** [Bey92, Can94]. **Suppress** [AGH97]. **suppressing** [Hig84]. **Suppression** [Kar96, LTW95b]. **Surface** [BZ85, Far66, GC95, Ned78, Str73, DL83, KD83, Pet95, Rom90]. **Surfaces** [HS97, PCW95, AG87]. **Survey** [DeL94]. **SVD** [Vog86]. **Swapping** [CH97]. **switching** [SS83]. **Symm** [Dri99]. **Symmetric** [BBS73, Buc77, BP71, Bun74b, FR99, Fra73, Fri71, HP77, Hue73, Jen72, Kat69, KS94, Let71b, Let74b, MR77, MP68, NtB90, Par65, Pla98, Say74, SSW96, Ser99, Str67b, WB86, Zha95, Chr91, DNT83, Esp87, GM83, Gen86, KL79, KD83, Mee80, Saa83, SE81, Sco81, TW88]. **Symmetries** [MQT98, DS89a]. **Symmetrize** [HV97]. **Symmetry** [ABGM92, Hon93, LM77, CFQ83, JSC91, WS84]. **symmetry-breaking** [WS84]. **Symplectic** [AMSS97, Dun97, Jay96, LSZ97, Mur97, Rei96, SO97]. **synthesis** [BBT82]. **Synthetic** [ABDH95, Bro95]. **System** [Asc77, BCS78, BCMM98, Bou98, Cad73, Cad74, CLMM94, CMM97c, CMM97a, CMMP98, CDMW98, CDMCW99, FP95, GS91a, HR99, Jam71, KL97, LTW95b, Man90, Oet65, Sch98a, STW97, Ter98, TW93, WO96, Bia89, IS90]. **Systematic** [AR77, Sob79a, Sob79b, Spa71]. **Systems** [AK84, AGP94, AC90, AGM92, And83a, AOW93, AC79, AL78, BGM96, BCC78, BJZ94, Ben96, BL98, BP74, BDM+95, Bog71, Bre75, Bre77, Bre73, BH86, Buc77, BP71, BP90, BC90, CJR97, CSS97, Cas81b, Cas82, CJY91, CG90, Cha92, Che87, CK92, CW97, Chr91, wECGS94, Cli76, CS98, Dan73, DRV97, Dry78, Eic93, EES83, EW91, GLV91, GP84, Geo74, GM78a, Gol98a, Gol98b, GM66, Gov97, HV98, Hel76, Hie80, Hig89b, Hof76, HS94, Ise81b, JK96, Jay96, JS85a, JX98, KS97a, Kel65, Kel69, KKP94, KK93, Lam81, LL96a, Law67a, Lay83b, Lee91, Li88, LW92, LTW95a, LW70, LB96b, LT68, Ma95, MRW96, Mae82, Man80, MP77, MPS98, Moo77, MQ82b, MF90, OPW65, PS75, PS77, Pao99, Pet86, Qi82, QZ92, Rei96, Rei72, Rob66, Rob75, Rob76, SB77a]. **Systems** [Sch96, Ser99, She78, SW94b, Sim75, Sta91, Ste65b, SWB90, SH95, Sun99, Swe77, Tal91, VMK97, Van72, Var71a, Var73, Var76, VVC94, VTG91, VA91, WW90, WS93, Wat81a, Wid78, dK86, de 78b, And79, AW83, BCL89a, BCL89b, Boj84, BH93, BS83, BSW95, Cha84a, Cha85a, Cha89, CT86, CR79, DL83, Eva80, FSU85a, GHY83, GV89, GL80a, GL78a, GT85, GK96, GGT82, GLT87a, GLT87b, Gre84, Hig84, Hof78, Ise84, Jer80, Jer84, Jer88, KL86, Lay83a, LeV88, Lev85, LSY87, LSY89, Lus79a, Lus86, Maj84, Maj85, MW86, Moo78, MK80, Par87a, PS88, Rei88, Saa82, Saa83, Saa87, Sch85, Sch89b, SW85, Tav78, VH93, Vil86, Wat81b, Zir82, Zla82]. **Szego** [Tru86].

T [HL82]. **Table** [Ged81, Wyn68]. **Tadmor** [AV99]. **Takens** [Gov93, Jan94]. **Tangent** [Drm98b]. **Tanh** [Hab77]. **Tapia** [EA91]. **Tau** [Ort69]. **Taxonomy** [AMS90]. **Taylor** [BF91, CM74]. **Taylor-Like** [CM74]. **Tchebycheff** [Sti64]. **Tearing** [Ste65b]. **Technique** [Mao95, Pfl97, Rin92, RSE69, RW95, Sch73, BX89, Gre84, GLL86, Zla80]. **Techniques** [ADH99, BCS78, Bog71, CC66, CC67, DRV94, EI95, ELPV93, Gun65, Hei98b, HW97b, Kuz99, ST91, Wei69, Xu96, BSW95, Hei93b, Lev82, Maj84, Maj85, ST78, Sch83c, Zir82]. **Temporal** [JW91]. **Tension** [CM99b, Del93]. **Tensor** [AWY97, Dyk87, SF84]. **Term** [GTV90, GSY92]. **Termination** [NR72]. **Terms** [GL96a, GLBN97, LTW96, TT95, Tan98, Rom90]. **Test**

[EH76, Moo77, MQ82b, Qi82, Stu79, Moo78, MK80, Pan85, Xu89]. **tests** [SW85]. **Tetragonal** [LL98]. **Tetrahedral** [Kří92, MW94, ASW93]. **Tetrahedron** [MS97b]. **th** [GK96]. **th-order** [GK96]. **Their** [Bak68, DE72, FU69, GGM99, JS85a, LL96a, Shi66, ABPR86, BO83, Bru84, DKW82, GZ88, Kel81, KL86, LK80, PT97, Saa87, Swa81, Wei89]. **them** [KL82]. **Theorem** [BP96, Cry67, Gar66, GT74b, Hel74, HV70, Jam71, KLY76, KSC99, Lee92, Mar66, Mil81a, Næv91, Ost70, SW88, Yam98, BL80, DP92, SS96b]. **Theorems** [DW81, DW82, Hur67, HS99, Loe70, May87, Chu87, DH79, Naz86, Ral80]. **Theoretic** [CP76, Joe99]. **Theoretical** [Alb87, Can83, DOR88a, JEH78, JT97, MVV89, NV79, Ols77, Ske82]. **Theory** [Alb96, Ans67, Bog77, Bro87, CS72, CF93, Dar91, DTW76, DD93, Dup76, EA91, Eld80, Gir74, GM98, Her68, HN75, IPS91, Jan79, JK91, Kat69, Lin77b, LT68, McC94, PP73a, Rau73, Rei74, Rhe68, Rhe80a, Ric66, Rob75, Rob76, SP88, Sch69b, Sch69a, Sch69d, Sch69c, Sid97, Str74, Ter98, VW95, VA91, Wei92b, Wim77, Wyn64, Dor84, FST87, MM84, MMR88, McC85, MP78a, SK87]. **Thereof** [RC66]. **Thermal** [Kee95, LP91]. **Thermoelasticity** [Boi97]. **Thickness** [Pet99]. **Thin** [BS96, Kir93, Rip92, Rog93]. **Third** [Gun74, HS92, IT95, Kee70, SCWM71]. **Third-Order** [HS92]. **Thomas** [BV96, Bre92, Mar85]. **Three** [Bec92, BM99, Bof97, BEK96, Bro95, Che77, CGH91, DSW94, DW99, Dub90, DFJ74, GGS94, GGS98, GC98, JT70, LMS97, Mad71, MR77, Moo99, MS97b, NW97, PS80, PW96, RS92, Var80, VS97, Yin95, de 78b, Atk82, BE88, BR88, Dai92, GT85, Lin85, Par87b, Rom90, Vic80]. **Three-Dimensional** [Bec92, BM99, Bof97, Bro95, CGH91, DW99, Dub90, GGS94, GGS98, Mad71, NW97, PS80, VS97, Yin95, BE88, BR88, Rom90, Vic80]. **three-grid** [Par87b]. **Three-Level** [DFJ74, Dai92]. **Three-Part** [de 78b]. **Three-Stage** [JT70]. **three-step** [GT85]. **Threshold** [WF97]. **Threshold-Accepting** [WF97]. **Tikhonov** [LE97, Neu88, Neu97, Qn99, SEK93]. **Time** [ARW95, BS93a, Bao95, BM97, Car74, CSH78, CDMW98, CDMCW99, CS98, Den75, Den77b, DM92, Día79, EJ95c, Ewi78, ELV94, GP98, GM97, Gus69, HR86, HR90, Hof76, IPS91, JV96, KM99, Le 94, Lin97, LSZ97, NS93, RR96, Rus85, ST86, TE86, TE89, UTK96, VP93, Wet97b, Yan99, van84, AF86, Bak80, Bal86, BR85, CFT84, DDE79, EJ87, ER82, GG86, Gus80, GK83, Hag86, Hay81b, Jam78, JS87, Joh88, Kre79, Lar89, LeV88, Lev82, Lev85, LFB98, Lus86, Rac73, Tav78, WW93a, WW93b]. **Time-Constants** [Hof76]. **Time-Dependent** [ARW95, CS98, Den75, Den77b, GP98, Lin97, van84, BR85, Hag86]. **time-discrete** [LeV88]. **Time-Harmonic** [GM97]. **Time-Periodic** [Car74, VP93]. **time-scales** [GG86, Gus80]. **time-step** [Joh88]. **Time-Stepping** [GP98, Ewi78, DDE79, ER82]. **Timestep** [JNT90, Lei98]. **Timestepping** [EYL89]. **Tocher** [Per76]. **Toeplitz** [BW93, Cap99, Cha89, CJY91, CY93, CNP93, Eva80, KK93, Mee80, Ser99]. **Toeplitz-Block** [CNP93]. **Toeplitz-Plus-Hankel** [KK93]. **tool** [BN89]. **Topological** [OT75]. **Topologies** [Ham64]. **Topping** [Bac80]. **Tori** [DL95, Moo96]. **Total** [CM99a, DV97, Gla69b, GV80, HL84b, Dem87, Tad88]. **Total-Variation-Stable** [HL84b]. **trace** [SW82]. **Tracking** [Dk99, Mao95, CT86, Wom89]. **Traction** [CMMP98, Lee98]. **Transfer** [BM96, GJL99, NS93, Pet98b]. **Transferable** [LM90b]. **Transform** [Atk72, Che93, Cop90, Cor96, Lau89, Lin92, MG66,

Obi90, Sch98b, Spi66, Tay95, Wim77, Ell83]. **Transform-Based** [Lin92]. **Transformation** [BK73, LL98, PA73, SL83a, Tsa75, Bun81, DOR88a, DOR88b, OR86]. **Transformations** [AG68, GA67, GAM71, PS77, Dem83]. **Transformed** [Koc84]. **transformer** [NW89]. **Transforms** [BH70, ZT67]. **Transient** [KK98a, MS89]. **Transition** [DN91]. **Transitions** [Gre94]. **Transmission** [Ben96, CG97, GHS96]. **transonic** [MN87]. **Transport** [AW95, AR95, Asa89, Asa98, ABDH95, BK97a, BK97b, BK98, Ber95, Bro95, CE97b, DVW94, Daw98, Kla98, Mad75, MR98, Pit78, PS83, Pri77, Asa86, DL82, Jer88, JP83, Nel86, NV83, Vic80, VG86]. **Transport-Diffusion** [Ber95, Jer88]. **Trapezoidal** [Atk74, CM92, DS72, KR97, Kre78b, LG80, MC90]. **Travelling** [Wee98]. **Treating** [GH92, Hor83]. **Treatment** [BGM96, BK78, Can83, Her75, Jan94, Ver88, BvA94, BMS79, GGT82, Ros81, Rüm82]. **Trefftz** [Hag75]. **trial** [RS87]. **Triangle** [Liu93]. **Triangles** [Jam77, Nie80, Rip92]. **Triangular** [BDR92, BG98a, Bre92, CKV98, Hig89b, Kee71, MST88, SB77a, YA95, Her85]. **Triangularizing** [Hua75]. **Triangulated** [LS99]. **Triangulation** [Bör90, CR90, WGS90, PS92]. **Triangulations** [CMM91, CH97, DM82]. **Tricomi** [Kat69, Tra77]. **Tridiagonal** [ABP93, Cas82, FU69, Hel76, Swe77, Zha95, Eva80, HP78b, Mee80, Sch89b]. **Trigamma** [Spo94]. **Trigonometric** [Bub78, Cap99, Riv64, SV96, Sni72, Gut83, Var81]. **Truncated** [Cle64, Coh71, Far85, Vog86]. **Truncation** [Hos95, Jef69, JS69, JT71, JTW83, Mer66, de 99, Ver78, RBC79, Vog86]. **Trust** [Car91, CGT89, EA91, Hei98a, Les91, BSS87, CGT88, SSB85, Sor82, Ste83, Var85]. **Trust-Region** [EA91]. **trust-region-based** [SSB85]. **Tunneling** [Rin90]. **Turbulence** [HR93]. **Turning** [GR96, VF93, Far88, GR84, MS80]. **TVD** [GL88]. **Two** [Abl72, AMW99, AD78, AV99, Asa89, AL96b, Bad91, BR75, BF85, Bel97, BYLP98, BEK96, BK77, Bra94, BC95b, BMP89, BT68, Car72, Cas84, Cas88, CD98, wECGS94, Cia75, CR90, DM77, DWW98, Den74a, Dia77, DW76b, Dup76, DL75, Fai72, FF91, GOQ97, Gla69b, GM66, GW83, Gre91, GYF86, Gun74, GM91, GM93, GL96b, HW97a, HP78a, IIMPL82, IK93, JRF91, JT95, JS85a, JP98, Kel74, KS97b, KT86, KR94b, KT76, KL89, Lan77, Lav91, LT98, LP77, LB97, LFB98, LMS97, Mal98, MR77, MX95, MT75, McC94, Mey71, Mil76, MS99c, Nic73a, Oli74, Ols77, Per92, Per97, Pet92a, Rac73, RR96, Red76, Rei74, Reu92, RSE69, RS92, RW96, Rus77, SSY88, SW77, Sha66, SB93, Sin77, Sta64, Str69b, Str72, Tar96, Ten94, Urb91, Var79]. **Two** [Wah74, Wat79, Whe73c, Whe74, Whe77, WM67, Xu96, YA95, ZZ98, Zha96, ddd83, dd86, van95, AG87, AM89, Asa86, Asc86, BM87, BCMP91, Ban81, CK85b, DLN83, Doe79, DR84, Dou83, EF89, FKD84, Fer86a, GT85, JS87, JP83, Ked81, KNB86, Lay83a, LT88, LOR85, LM79, MVV89, Mos83, PS88, Ros80, Saa83, Sch80, TD82, Whi79, Zho83]. **two-** [GT85]. **Two-Coupled** [IIMPL82]. **Two-Dimensional** [AV99, Asa89, Bel97, BYLP98, BC95b, BT68, CD98, CR90, GM91, GM93, GL96b, HP78a, IK93, Lav91, LB97, Per97, Pet92a, RR96, SB93, Urb91, YA95, van95, BMP89, AG87, Asa86, EF89, JP83, LT88, Mos83, Zho83]. **Two-Grid** [DWW98, MX95, Xu96]. **Two-Level** [AL96b, Bra94, GM66, KL89, LT98, Mal98, McC94, MS99c, Rac73, Zha96]. **Two-Phase** [Mey71, Tar96, Dou83, MVV89]. **Two-Point** [Cas88, DM77, DW76b, Dup76, Gla69b,

Gre91, JP98, Kel74, KS97b, Lan77, LP77, MT75, Oli74, Ols77, Red76, Reu92, RSE69, Rus77, SW77, Sin77, Wat79, Whe73c, Whe74, Whe77, ddd83, dd86, Asc86, BM87, CK85b, Doe79, DR84, FKD84, Fer86a, Ked81, KNB86, Lay83a, LOR85, Sch80, Whi79]. **two-sex** [AM89]. **Two-Sided** [Sha66, ZZ98]. **Two-Sphere** [BF85]. **Two-Stage** [Nic73a]. **Two-Step** [HW97a, JRF91, JT95, DLN83]. **Type** [AT86, AP95b, Aus71, BN74, Bol72, BSTW77, Can83, Cha92, Che77, Den74a, Ein88, ELPV93, GV91, Gov93, Gri74, Gut93, Hal74, Hua75, Jac81, KS94, LT89a, Loe70, Mal98, MF98, NTT94, OR66b, Per90, SM81, WH97, CLS86, CS87, Dag86, DO79, Egg88, Fei82, FR85b, Got72, IT80, Ioa81, Jam78, Jet82, Kum88, Mun94, Nas84, Pan85, PS88, Que89, SSY88, Ser83, ST86, Vil89, Wu96a].

Ultra [CD98]. **Ultraspherical** [AF68, PK90]. **Unbalanced** [Mil69, Str65a]. **Unbounded** [EW72, Gol93, Gor75, Osb67, Tha78]. **uncentered** [Ske86]. **Unconditional** [BT97, in 96]. **Unconditionally** [Tho67, Dai92, EHP87]. **Unconstrained** [Hag76, OR72, BN89, KD79, Naz86, SSB85, Sor80]. **Undamped** [Jen76]. **Underdetermined** [WW90]. **underlying** [PS92]. **Underwater** [Pet92a]. **unfolded** [Kun88]. **Unified** [DE72, DD93, Dup76, IPS91, Rhe68, Ros81]. **Uniform** [Ain96, Ans67, BGJ88, BKP94, Cli76, Dör99b, Dör99a, FT74, Gar93, HR86, JN98, Lam76, LMST69, Mat98, Mou65, MT68b, PH73, RC66, Sch68b, Sch69f, Wei72b, CK85b, DS89b, Far88, Gün88, Kro81, Zen85]. **Uniforme** [DS89b]. **Uniformly** [CJR97, FMOS96, HO87, JP98, Kut70, McA66, AF89, Ber86, SO86, Sty89]. **Unique** [CY77]. **Uniqueness** [AC96a, Jet87, KSS80, Sch69f, Wei92a, Wu96b, Yam98, Nic82, SW85, SS83, Whi85]. **Unit** [BT99, BP80, Bru91, GM75, Sch98b, ST92, Tse96, Sch83a]. **Unitary** [DRV94, EH75]. **Unknown** [BS87b, Can68, Wat81b]. **unrestricted** [CO80]. **Unstable** [BGS98, SK93, Sch83c]. **Unsteady** [BYLP98, Hei98b, She95, Hei93b]. **Unstructured** [Abg98, AV99, Cap99]. **Unsymmetric** [Neu98, EGLP85, Saa82, SSY88]. **Updata** [AC79]. **Update** [DW81, DW82, RV74, WW90, DW85]. **Updates** [BW90b, CM87, Ip87, Mar90b, IT88, JA83]. **updating** [NO85]. **Upon** [Bro69, Wyn68]. **Upper** [Alf96, Don73, Hen70a, Tal91]. **Upstream** [BJ91]. **Upwind** [Daw98, Huy95, KR94b, GR82]. **Upwind-Mixed** [Daw98]. **Use** [AC83, BK73, BF75, CG73, Gar83, GM97, Heg92, LT68, MG66, Phi72, Rei72, Sec65a, Wei69, Zla82, MP78b, Saa87]. **Using** [AP95a, AM94, BS97c, BTW93, BL98, Bre98, Buc76, CW76, Car91, Cas88, Con73, DM93, Dia77, DS89a, DW99, Dun74a, DS68, For78, Geo77, Gre99, HP77, HS97, HP78a, Han71, HW92, JT70, Kat69, LS97a, LC98, Liu94, Mas73, MS76, MDH$^+$99, Mou66, Mou68, MT68b, NV88, OR90, PS77, SW94b, SW74a, VMK97, Vas99, WS93, AD92, Die82, Hay81a, Hay81b, MP78a, RS87, Saa83, Sch83c, ST95, Ske86, Swe84]. **Uzawa** [BPV97, Che98, EG94].

V [MSW94, BKP94, EJ95c]. **V-Cycle** [BKP94]. **Validation** [AGP94]. **Value** [AD78, AL96b, BS96, BR75, BR77, Ban77, BS87b, Bel69, Bia98, BDLN92, BK77, BBS73, CW96, Cal74, Cal76, Cas88, Che73, Che75, Che77, Chu92, DM77, DW76a, DDLT91, Dia77, Dor70, Drm98a, Drm98b, DW76b, Dut90, Eis74, EI95, ED77, EM88, EH76, Faz96, FL71, FR78, FU69, Gai74, GK97, Gea65, Gek75, Gek76, Gla69b, GG76, Gra65, Gre91, Gup75, Her68, DW78,

HW97b, HZ94, Jen92, Jes78, JP98, Kel74, KW75, KS97b, KS99, Kin72, Kin75, KMR94, Kub70, Kus68, Lan77, LM90b, Li91, Van76, LR72, MW92, MR85, MJ77a, Mat82, MT75, McL74, MM73, Mil69, Mir71, Mit77, Oli74, Ols77, PS81, Par99, Pol74, PL87, Red76, Reu92, Reu94, RSE69, Ros70a, Rus70, RS75, Rus77, RC78, Sch90a, Sch72, SW77, Sha68]. **Value** [Sha69, Sho75, Sig76, Sin77, Smi73, SHR96, Tap69, TW74, TKJ94, Var71a, Wah75, Wat79, Wei86, Wer75, Whe73c, Whe74, Whe77, Whi82c, Wig66, WH97, Yam98, Yse86, ZWW94, Zla67, ddd83, dd86, dC90, dW79, van80, Asc86, BM87, BvA94, BC94a, BR88, Bog85, CK85b, Cle81, CM88b, DO79, Doe79, DR84, Dor86, Dou84, DS89a, FKD84, Fer86a, Gar88, Gol89, GLT87a, GLT87b, GGL79, GZ88, Gup85a, Gup85b, Gus81b, HK79, JS83, JB88, Ked81, KP79, KS87, KNB86, Lay83a, LK80, LOR85, LP78, MW86, MR84, Nic87, OR86, Pas79, Pas82, PR82, Rin84, Sch80, Smi81, Sun83, TK84, Ver82, Wei89, Whi79, Zho83]. **Valued** [Ben95]. **Values** [Coh71, GK65, GS67, Gus73, Han71, Joh78, MT68a, Wat81a, GMP93]. **Vanishing** [BP96, MT89a]. **Variable** [BG71, BS97b, Ban77, BTW93, BS94, Cho78, EW96, For66a, GT74a, GW74a, GW90, GL93, Hou90, Jac86, KW76, KM96, LS72, Pet99, Rac68b, Rou82, TYZ95, TW74, Whe75, Bak80, Bak82, CLM87, CLM89, CS87, CL84, DLN83, Dai92, Jam78, Jam80, LT89b, Lin83, SJ83]. **Variable-Coefficient** [EW96]. **Variable-Elliptic-Vortex** [TYZ95]. **variable-formula** [CL84]. **Variable-Step** [BS94]. **variable-stepsize** [CLM87, CLM89, CL84, SJ83]. **Variables** [BG71, Fai72, FF91, GP73, GYF86, LFB98, Sta64, Str69b, Wei71, BR88, Ros80, TD82]. **Variance** [CR76, Spa71, Tre72, Owe97]. **Variant** [GS76, Ger89]. **Variation** [CM99a, DV97, FP91, HL84b, SZ90, Tad88]. **Variational** [AV97, BW94, CD98, CC92, CKL91, EES83, Fre90, Fun90, Gre94, HR95, Her75, Hop87, HN75, Joh76, Kin75, KLM94, MA81, MR82, Mey73b, Mit87, Ste71a, TH98, Bea82b, MM84, MMR88, McC84, McC85]. **Variations** [GW90, GL93, Lee92, MW95, Sim69]. **Various** [Li91, Luc74]. **Varying** [BLMPT92]. **Vector** [BJK90, Ben95, BJN81, CJ76, Dub90, HYS94, PO87, SFS86, Sch89b, Swa79, Swa81]. **Vector-Valued** [Ben95]. **Vectors** [Pry84]. **Vekua** [Eis74]. **Velocity** [BCMM98, BMM99, ELW91, Hol78, JPT98, PSB97]. **Velocity-Flux** [BCMM98, BMM99]. **Verification** [Yam98]. **Version** [BSK81, BS87a, GC98, IB97, LB97, MS97b, Weg66, BG88, BCMP91, Dor84, Dor86, Eri86, GM89, GHS96, KW85, LB96a, SS96a, Win82]. **Vertex** [BS97b, VMSB97, BvA94, Duf82]. **Vertices** [Wal98, PS92]. **VI** [EJL98]. **Via** [Con76, SW77, BL87, Cap99, DP92, Dor86, Gar88, LS73, Nas84, de 78b]. **Vibrating** [BK73]. **Vibration** [BDM+95, Bra66a, Fai72]. **Vibrations** [COP98]. **Visco** [HM76a]. **Visco-Plastic** [HM76a]. **Viscoelastic** [San94]. **Viscoelasticity** [Jok96, SWW97]. **Viscoplasticity** [Car96]. **Viscosity** [BCV95, Ma98a, Ma98b, MKT93, RT92, Sch90b, hTZ97, MT89a]. **Viscous** [BLMPT92, DG90, EK99, Har90, Kar92, RT95, Wet97a, BN85]. **Vlasov** [CR84, GV89, GLV91, GS91a, HV96, HV98, Sch98a, VTG91, VA91, WO96]. **Volterra** [LTW91, BK78, BMS79, BW76, Bru83, Bru84, Bru90, CT72, Egg83, FS74, Gar75, HLN83, HL84a, HMT75, HM76b, dHW73, DW74, Hu96, Hu97, Jac81, Jam68, LE97, Lin69, MR83, McK79, SWW97, Tav71, Tav77, Tav78, Wal83, Wol83]. **Volume** [AV99, BS97b, BCV95, CM90a, CMM91, CCL95, FFLMW99, GV91, JS98, KR94b, LMV96, MTTW99, Mor98, Son98, Sül91, VMSB97]. **Vortex**

[AG85, CL89, CGH91, Hou90, HLK91, RR96, TYZ95, YZ94, Yin95, Hal79, Hal87a]. **Vorticity** [GM91, HW92, Wal88]. **Vries** [CK85a].

W [LE72]. **Walsh** [LLNS96, Sew66b, Wid66]. **waste** [EYL89]. **Water** [BHL96, CG93, CE97b, CDMW98, CDMCW99]. **Waterhammer** [NP81]. **Wathen** [Mil92]. **Wave** [Abl72, BS97a, BJR90, BGT97, BL98, CJ96, DL91, Eis67b, GSY92, Haa96, Hig90, Hol78, IB97, Wee98, vL92, FN80, Rau85, Ros81, Wal88]. **Wave-Propagation** [BL98]. **Waveform** [BJZ94, JK96, JV96, JV97, Lei98]. **Waveguide** [GM97]. **Wavelet** [Can94, DE98, FD98, GC96, Jaf92, SP94]. **Wavelet-Based** [DE98]. **Wavelets** [Bey92, DM93]. **Waves** [Bao95, BHL96, BGS98, CG93, Hig94, JPRT96, CLNP89]. **Wavewise** [Yan99]. **way** [Geo80]. **Weak** [CD98, KPH95, LP80, MT97, Ros73, Ste65a, Tap69, TD82]. **Weakly** [DW74, KW93, Bru83]. **Weierstrass** [Hei66]. **Weight** [Kah69, KU71, LMST69, Mou66, Mou68, MT68b, Not91, Pri79]. **Weighted** [ADH99, AL91, Gir95, Iss96, Kin72, Mil97, Pra70, YKS78, BM89, DS84, Ioa81]. **weighted-** [DS84]. **weighting** [Van85]. **Weights** [Gun74]. **Weinstein** [Yam75]. **Well** [CKL91, GL96a, Kru98, Pel67, Wen68, dM87, HK79]. **Well-Balanced** [GL96a]. **Well-Conditioned** [Pel67]. **Well-Posed** [Wen68, HK79]. **Wells** [CC92]. **Wendroff** [MR85, MR84]. **Westwater** [Her76]. **Which** [Heg92, Kah67, Dem87, FP86, Jam77, Jam78, Ste75a, Wei69]. **while** [Die82]. **Whittaker** [Olv65]. **Whose** [GP73, JP67]. **Wide** [ADZ96, Akr99]. **Wide-Angle** [ADZ96, Akr99]. **Widths** [KS99]. **Wiener** [GHK94, LNC97]. **Wigner** [AR96, Rin92]. **Wild** [Vav96]. **Windowing** [AH94]. **Winds** [IZ81]. **within** [Li83a, Sch83a]. **Without** [BDM+95, Wan92, GMP93, Sco81, van79]. **Works** [CGO07]. **wrapping** [GS88]. **Wrong** [Kos73].

Yee [MS94].

Zero [CN97, Kah67, Prü82, Kra87]. **Zeros** [Dun74a, Gar78, Li83a, RJ74, Shi66, Ste74, Pet89, Sch83a, SL83b, SS80]. **Zeta** [Hei66]. **Zolotarev** [IT95].

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