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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 [Kam78, You72a, Bog71, BC89, Buz77, Car72, CH95, Lin83, Zir82, Bar99, Hil97]. $A(0)$ [Jel76]. A_0 [Fei82, Jel76]. $Av = b$ [Bor76]. $Ax = b$ [DT73, Was82]. $Ax = \lambda Bx$ [PW70, Ste72]. B [BN74, DM82, Far85, Hak82, Mey87b, FSU81, GC98]. β [Hu96]. C^0 [Arc78, Whe77]. C^1 [HS97, APS87, ASW93, AD92, Her85, PW80, PS92, Zha96, KW85, Pet95]. 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 [GAM71, MF97, BC72, RSK76]. GBQ [VH93]. H [TD82, VSM80, LB97, Ain96, BG88, GHS96, GC98, IB97, MS97b, SS97]. H^{-1} [KW76, Whe75, DÍa79, FKD84]. 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 [PS80, Pet65, KRD78, Par87a, Rag85]. $K(a_n/1)$ [JTW83]. $K \times K$ [PS80]. L [Cha94, Koc84, ST76]. L^1 [STW97, hTZ97, DS68, DS84]. L^2

[CL90, Den74a, HL87, LP78, Pat76, Sch71b, Dup73a, Sch69a, Sch69b]. $L^2(E_\rho)$
 [Bar67a, Bar67b]. L^∞
 [FR78, KM88, LK74, Sch69c, LP78, Dob80].
 l^p [Shr73]. L_0 [KT86]. l_1
 [BR73, BR78b, BCS78, AH77, HM85, Usa67a, Usa67b, EAVD79, Kam79a, MS76].
 L_2 [Joe99, GV74, GMP93, Whe73b, Bra94, MS76, Sha85b]. l_∞
 [BCC78, Cad73, Cad74, BCL89a, BCL89b, CL92, MT75, Whe73a, Whe73c]. $L_\infty L_2$
 [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
 [El 90, Por71, Prü82, GW90]. \mathbf{R}^2 [Mae82].
 \mathbf{R}_∞^2 [Gov86]. \mathbf{R}^3 [Gue92]. \mathbf{R}^n
 [Bus85, Can83]. \uparrow_∞ [BPR72]. $MGR[\nu]$
 [KP87]. L^2 [Sch82]. N
 [GK96, EL73, Geo77, GPV78, GM78c, KS99, Str69a, Str72, Str73, Str75b]. $n + 1$ [BG71].
 $n + 2$ [MS65c]. $\nabla^4 u = f$ [Smi73]. $O(h^4)$
 [Arc77, HVR88]. $O(n^2)$ [BR75]. PDL_g
 [dC90]. SOR [KL89]. 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].
 Q [Sor80]. QR [EH75, Nan85, PP73a, Ste77].
 QZ [War75]. R [FM90b, Die90]. R^1 [Ste75b].
 R^3 [Ned78, BvA94]. R^n [Bac80]. S
 [KD83, Vin86]. T [Jef69, ST76, SL83a].
 $T_{n+1}(X)$ [RJ74]. Θ [KR94a]. $u_{tt} = u_{xx}$
 [RW89a, RW89b]. V [BH83, McC85, Neu98].
 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, Sch69a, EAVD79, Kam79a].
-approximations [Kro81]. **-Box** [Str72].
-Collocation-Finite [Whe77]. **-continuity**
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-contractivity [CH95]. **-convergence**
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-Dependent [GW90]. **-Error**
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-Estimates [Bre77, Dup73a]. **-Estimation**
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-Matrices [Kub70, JS83, VSM80].
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-Perfect [ST76]. **-point** [ALY88].
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-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**
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 [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, EJJ98,

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,

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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, GSK98, 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, CHL71, 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]. **Analogue** [BH65]. **Analogue** [Cry67, Esp94, GB89]. **Analogue** [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, VTC91, 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, EJM98, 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, Kri92]. **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].
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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,

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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].

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Concerning [BP80, Chu72, Dan70].

Condition

[BA76, BBG95, CMSW79, Dun71, Kre91, Kři92, 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, KR78, 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, AC98, BM96]. **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]. **Noising** [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]. **difference** [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, Whe73b, 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, Whe73a, 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, VGT91, 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, Cha86, 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, Mü184, 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, Kři92, 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]. **Elliptic** [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, Dup73a, 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, Whe73a, Whe73b].

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, Coos81, 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, Whe73b, 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, Ber73a, 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, Co081, CDW96, DE72, Don73, Dör99b, Dör99a, DS97, Dup73a, 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, Whe73a, Whe73b, 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, Sch69a, 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** [Dup73b, 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, KF76, 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, E JL98, 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, Dup73b, Gup75, Han71, Her76, 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, BLMP92, 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].
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Nav65, Not91, Olv65, Pet92b, Por71, Pri76, RJ74, Rou71, Sch70, Sch69d, 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].

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[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, BL82, BSTW77, CEv87, CG90, CX98, CM90b, CS98, CFT84, Den74b, Den74a, DF75, Den75, Den77c, Des81, DP92, DM92, Dia77, Día79, DS80, DD70, DDE79, Dry78, DW76b, Dup73a, Dup73b, DFJ74, Dup76, DN89, DHLR84, Egg88, EZB83, Ewi78, EW80, Fai72, FF91, Fin71, FS91, GANT98, Gek76, GC96, GGOS96, Gús81a, 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, Whe73a, Whe73c, Whe73b, Whe74, Whe75]. **Galerkin-Characteristic** [Ber95]. **Galerkin-type** [Jam78].

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GV83, Geo76, Jet82, Koc84, MRW96, Pet92b, Rab67, SS65, Zla80, dS73].

Gegenbauer [VIA96, VWI97]. **Gene** [CGO07]. **General** [But81, CMM91, CS72, CGT91, Co078, Co081, 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].

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[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].

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Generating [AD68, Wil69, Sma88].

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[ASW93]. **Gennes** [DG98a]. **Geodesics**

[Gov86]. **Geometric**

[PP73a, ZZ98, FR87b, GL88]. **Geometrical**

[Mil97]. **Geometrical-Mechanical** [Mil97].

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[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, Gös81a, PT97, BS89a, Pet81]. **Hilbert** [Hil78, Aub68, De 73, For79, Gri87, Hil76, 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]. **Hyperbolic** [CE97a]. **Hyperbolic** [Arc78, AV99, Bak76, BD76, BS97b, BL98, Bre75, Bre77, CJR97, Che75, Che77, CK92, CDW96, DF75, DF76a, Don94, Dry78, Dup73a, 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, Tür77, TW93, Wal99, Whe73a, 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, Dup73b]. **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]. **III** [Bog77, FH72, Liu94, Neu97, Pla98, Qn99, SEK93, Var73, Car94, Mon86, Tru84]. **III-Conditioned** [Bog77, FH72, Var73]. **III-Posed** [Liu94, Neu97, Pla98, Qn99, Var73, SEK93, Car94, Mon86, Tru84]. **Image** [ALM92, AM94, AV97, CSH78, Car99, CLMC92, CM99a, KLM94, Qn90]. **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, Co072, 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, ILL69, 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, Cuy97, 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, GKG98, 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** [Gup85b, 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, Emr89, Enr93, FSU85a, FSU85b, Gup85a, 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, BCM98, 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, BCM98, 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, Co072, Co078, Co081, 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, Kri92, 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, Kři92, 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]. **Méthode** [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, Dup73a, Dup73b, 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, Mar73, 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, VTC91, VA91, Wah92, Wal99, WW90, Wal73, Wat77, Wei93, Wet97a, Whe73a, 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, EYL85, 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, CM92, 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].
- Multivalued** [BS94, BC89].
- Multivalued** [Ise81a, Bre84].
- Multivariate** [Alf85, Alf96, BJS73, Cox84, Dah80, Far85, Gor71, Hak82, Höl82, Jan79, LLNS96, LK74, Nea92, Nie74, Sch69a, Sch69d, Sch69c, Sch69b, Wat75, Zwa73, de 78a, Cuy87, DM82, Gra87b, HHS78].
- Multiwavelets** [vSS97].
- MUSCL** [Osh85, Yan99].
- Mysovskii** [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]. **Nonsel** [Osb67]. **Nonsel-Adjoint** [Osb67]. **Nonseladjoint** [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, G8s81a, MS94, S8l91].

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, G8n88, 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, Bj83, 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, Whe73a, 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, Whe73a, 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, Whe73a, 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, BCM98, 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, Dup73a, Dup73b, 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** [Pfi97, PV72, PA73, Rac73, Rei68b, SSA91, SS93, Say74, Sch71a, Sch69a, Sem92, SZ90, SB88, She92, She96, Sin77, SBBL91, Sne96, Var71b, Var80, Vel92, Ver93, Vos88, Wah75, Wei86, Whe73a, 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, Whe73a]. **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, Dia79, DD70,
 DFJ74, Ebm98, ES93, EJ91, EJ95c, EJJ98,
 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, Whe73a, Whe73b, 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, BCM98,
 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, Whe73b, 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, VGT91,
 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, Wal99, Xu96]. **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, EJJ85, 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, HJK91, 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, Stil91, 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, Whe73b, 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,

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 [KW76]. **Singular**
 [BJ93, Bog77, BK77, CMM97b, Chu92,
 DK80a, DK80b, DDLT91, DL90, DRS95,
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 GK65, Han71, DW74, DW78, HMMR95,
 IT91, Jam68, JP67, Jes78, KN72, KR97,
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 LT68, Mal98, MP77, Nas70, Ott96a, PS81,
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 BL87, Bru83, Cha84a, CK85b, DK82, DKK83,
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 Fri81, Ger86, Ger89, GMP93, GO81, IT80,
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[KN85]. **Small**

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[But65, Ost65]. **Soil** [AOW93]. **Solenoidal**

[BJK90]. **Solid**

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[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,

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FD98, FL92, GK86, GP84, Gla69b, GM98,

GR96, GM97, Gun65, Gus70, Hal87b,

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Lin77b, Liu93, Liu99, LL99, LT68, Man81,

Man78, Man80, Man90, MW92, MR98,

Mas90, MJ77a, MT75, Mey73b, Mit77,

MS97a, ML92, NP81, NdF74, Oet65, Pai74,

MS75, 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,

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MW86, Mar85, MR83, May84, OR86, RS89,

RBC79, Saa83, Sch85, Smi81, Tav78, Vog86,

WH86, Whi82b, Zir82, Zla82]. **Solutions**

[AGP94, AGM92, AH76, BR81, Ban83,

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[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**

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[HY95, Sec65b]. **Spaces**

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[BB87, Bun74a, Geo74, GL75, Geo76, GPS76, Li88, LS76, PS75, PT79, VVC94, BB88, CM83, DW85, EGLP85, GN83a, GN83b, Mar79b, Sco81, Toi79, Zla80, Zla82].

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Spectra

[CJY91, EW91, Wat86, CM88a, Mil79b].

Spectral [AR95, BM99, Bel97, BYLP96, 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, Sch69d, 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, G851a, H851a, HY95, Jup78, Ker71, Koc84, LS99, Luc74, MS73a, MS73c, Nie74, Pow69, PV79, Ric67, Sch70, Sch74, SLW75, Sch69a, Sch89a, ST76, SV73, SW74a, SW74b, Wer75, Zwa73, de 77, dC90, APS87, ASW93, AD92, Bea82a, Bea82b, DM82, Far85, Gra87b, Luc82, LM73, 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]. **Spuriousity** [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, Co072, 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].

Steekin [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].

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Superconvergent [Cha86, JP98].

Superlinear

[Che98, Mor97, Sor80, Toi79, Win80].

Supersonic [DG98b]. **Supersplines**

[LS97a]. **Support** [Aal72, Afr70, Fer74].

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[AGH97]. **suppressing** [Hig84].

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[BZ85, Far66, GC95, Ned78, Str73, DL83,

KD83, Pet95, Rom90]. **Surfaces**

[HS97, PCW95, AG87]. **Survey** [DeL94].

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Symmetric [BBS73, Buc77, BP71, Bun74b,

FR99, Fra73, Fri71, HP77, Hue73, Jen72,

Kat69, KS94, Let71b, Let74b, MR77, MP68,

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Saa83, SE81, Sco81, TW88]. **Symmetries**

[MQT98, DS89a]. **Symmetrize** [HV97].

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symmetry-breaking [WS84]. **Symplectic**

[AMSS97, Dun97, Jay96, LSZ97, Mur97,

Rei96, SO97]. **synthesis** [BBT82].

Synthetic [ABDH95, Bro95]. **System**

[Asc77, BCS78, BCM98, 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,

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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,

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MW86, Moo78, MK80, Par87a, PS88, Rei88,

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[CM99b, Del93]. **Tensor**

[AWY97, Dyk87, SF84]. **Term**

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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-stepsizes** [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, Stül91,

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

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