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Title word cross-reference

CG90b, CH90a, CKLA87, Fos90, GN88,
GLN88, Luk86, BH91b]. *WY*
[BV87a, Pug92, SV89].

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Division [GS91a]. **do** [SS85]. **Domain** [BW89a, BW89b, BEPP92, CW92, CG90a, CH91, CL81, FR92, GK92a, GK92b, N'K91, OT89, Qua90, SC90, SW90, Smi92, TCK91, Vav91, CR87a, CR87b, GK88, KG87].

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[GK92b, CR87a, CR87b]. **Domains** [Mik91, PK84, Pea91, DK85, GP88b, Kop89, PK89].

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[Dax83]. **Downdating** [BBVD87, BS91].

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[CG90a, Dec91]. **Efficient**

[App85, Cho92, Eis81, EOV90, Eld84b, FR92, GS92a, Hig86b, MS84b, Ort88, OZ92, PK89, TW92, VP92, VC89, BBS87, NW88, SV89, Tie83, VV88, Web84, YFI89].

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[BMR83]. **Eigensystem** [GT90].

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eigenvectors [Sco84]. **elastic**

[BS83, Mén83, PR86, TP91]. **elastic-plastic** [TP91].

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elastodynamic [SKA86]. **Electrical**

[NSV83]. **Electron** [WS83]. **Element**

[AEL92, BEM92, DM90b, DM92, FR92, For91, Geo91, Let92, MC90, NPV91, NOP85, Smi92, AF88, BDS87, BDG80, CK83, DF82, GR85, GN88, GWJ84, GP88b, Jar86, Man82, Pet83a, PW80].

element-capacitance [PW80]. **Elements**

[Bun80, Fos90]. **Elimination**

[LS88, BS87, BR90, Cha84a, ESS81, GN85a,

GN87, Liu88]. **Ellipses** [ST80]. **Elliptic**

[BC86, BW89a, CW92, CH91, DM90b,

Gre91, IKK91, JMPW92, KC90, SC90, TCK92, VE92, Boi81, BK86, CK82, CS85b, Gre82, GK88, HM88, KG87, KT87, KLM87, Ros85, SSS85, Sch85b, Seg82, Str80].

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enclosures [BR84]. **Engine** [BW89b].

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[Lan92, BF84]. **Enhancement** [MC90].

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[WP90, Liu87b]. **environments**

[MP85a, MP85b, MP88, OP88]. **enzyme**

[CSL85]. **equality** [BH88, BNP88].

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[Ano89, Bic91, BP90, Can92, CL90, Dar92, Dt90, DM90a, GS92a, GRMM92, Gre91, GSS86, HSST92, KPC90, LNK91, MG92, Mon92, MR92, N'K91, OT89, Rei90, RST92, Sch92, SP88, SB90, Tam92a, Tam92b, Tum92, VP92, Wor91, ZBS92, ten88, AP81, AMOS87, Asc89, BF81, BRI84, BW80, Ber88, BD81, BB87b, Blu80, BBK84, BS90, Bue86, Bun85, Cam85, CM81, CS89, Coc85, CSL85, Cyb80, DF82, Dax89, Duf84b, DR84, DNR87, DR86, ESS86, ES80, FM81, GS83, GHN84, GJ82, Gre82, GK88, GP88b, HK86, HLS85, HM88, JD89, KG87, Kop89, KL88, LBD91, LC84, LC87, MTPR87, MS84a, Man82, MLDR88, Mit87, Mul90b, OS91a, Pet82, Pet83b, PL86, PR86, PK89, RM91, Rei81, SSS85, SW86, SP86, SGMS88, SC80, Ste81, Str86].

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[PR86]. **Equivalent** [Liu88]. **ergodic** [wEC90]. **Errata** [CR87b]. **Erratum** [FM86a, Tre80a, Van83, Wah82]. **erroneous** [GKL88]. **Error** [GKL88, LaV80, AF89, Ber88, LP91, SB85]. **error-stepsize** [LP91]. **Errors** [Fle86, LBD91, Mel82]. **Estimates** [Hag84, KL91, SB85, Tyl88]. **Estimating** [O'L80, Osb87, VG83, Tie83]. **Estimation** [GL81, Hig89, IKK91, O'S88b, O'S91b, PR85, BW87, Ber88, Bun87, ESS82, Sni84, Var82, Var90]. **Estimator** [CO86, Hig90, Cla85]. **Estimators** [O'S88a, CR83, Riv88, ZWS86]. **Euclidean** [CC80]. **Euler** [Mul90b, OT89, SA89, Tum92]. **Eulerian** [Col85, DK87]. **Evaluating** [FGR92]. **Evaluation** [CW91, Die85, EGL⁺87, HR85, Iye88, OR89, AR91, Gup85, Hel83, Ric80, Ros85]. **Evaluations** [KS91]. **Even** [ten88, Dt90]. **event** [Hei88]. **evidence** [Sch85a]. **Exact** [CL81, JB83]. **exactness** [SO85]. **Example** [HR90]. **examples** [CR83]. **exhaustible** [AW80]. **exhaustive** [FM86b, FM86a]. **existence** [Tyl88]. **Expanded** [DK85]. **expansions** [AR91, AF89]. **Experience** [Hig90]. **Experiment** [JMPW92]. **Experiments** [BHW85, NPV91, Gut83]. **expert** [SC88]. **Explicit** [OZ92, EY88, JB85]. **Exponential** [McC90, Osb87]. **Exponentials** [Var85, Ruh80]. **Extension** [CL81, SC90]. **Extensions** [TCK92, Hea82]. **Exterior** [DE91a, KM80, YWBJ86]. **Extra** [Bai88]. **extraction** [Par84]. **Extrapolated** [KS83, HM88]. **Extrapolation** [Rüd92, Gen82, HM83, Sha83, SB85, Vd85]. **Extremal** [dR82].

facility [Wat83b]. **Factor** [Luk84, Luk85, Tem92, Ott89]. **Factorization** [ADGR90, AEL90, AE91, Bar90, BH91a, Bis91, BBVD87, BS91, CH92, CG90b, DC92, GS92b, HD92, HP91, HZ91, KK92a, SE90, AG88, BF84, Cha91, CKLA87, Fos90, GR88, GN87, GN88, GHLN88, LPP89, Liu87a, Liu87b, Mer85, PR89, SW82].

Factorizations [CG90a, BH91b, CH90a, GLN88]. **factors** [Gre85, Ren87]. **Families** [Boi81]. **Family** [CJ92, Hen86, KK92b, Osb87]. **Fan** [AEL90]. **Fan-In** [AEL90]. **Far** [Gus88]. **Far-field** [Gus88]. **Fast** [And92, Bun86, CKLA87, Cyb84, Cyb87, Dar92, DMM90, GGS87, GS91b, Hac81, HLS85, HSST92, HS90, KS91, May85, MG92, OR89, O'S88a, PA92, Str91, Tem91, Ves91, van92a, AR91, CGR88, CR87a, CR87b, Fra90, Gut83, LPP89, MT84a, Ost89, Ott89, Son89, YWBJ86]. **favorable** [Kem87]. **features** [Duf84a]. **feedback** [BRI84, Nie87]. **few** [Sco84]. **FFT** [BHSO87, Bun86, Tem92, dB80]. **FFTs** [Bri87]. **field** [Gus88]. **filled** [Lin86b]. **Filter** [OP91]. **Filtering** [TCK92, Bud87, VV88]. **finding** [KF85, Le85]. **finger** [RS85]. **Finite** [AEL92, BEM92, BRBC83, BR84, Bun80, CO86, DM90b, DM92, FR92, For91, GP88b, Let92, MC90, NPV91, SS81a, Sch91, Smi92, Str84, VPL92, AF88, AD84, BDS87, BDG80, CK83, DF82, Dav87, GR85, GN88, GWJ84, Jar86, KMM84, KL88, Man82, NP83, Pet83a, PR86, PW80, SS81b, Wat80]. **Finite-Difference** [MC90, KL88]. **Finite-Element** [AEL92, DM90b, MC90, GP88b, AF88, GN88]. **first** [Str80, Vel90, Vd85]. **fitted** [SC80]. **Fitting** [BS80, Ruh80, Var85, BDS84, DLR86, JB83, OS91a, Ost89]. **Fixed** [KS91]. **Flame** [Lar89]. **flexible** [BDG80]. **Flow** [Cho92, EGM84, Fis90a, Gre90, Hag91, HR90, Ach89, Che83, For89, GWJ84, Kui87, Lin86b, MWM87, MW90, Mén83, Pet89, PK89, YWBJ86, van86]. **Flows** [AEL92, CP92a, Wal91, BAF86, Fis88, GLO81]. **Fluid** [BT82, MLJN92, RS84, RS85, SS81b]. **Flux** [Roe92]. **Folds** [YK86, BK86].

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Gram [JP91]. **grand** [Asi85]. **Graphics** [HB90]. **gravity** [For89]. **Grid** [Man91, MR92, PLB90, ZY92, ABDP81, CK82, CS85c, Jar86, vd82, Ber86, Cas91, Kre83, MT84b, MW85]. **Grid-Based** [MR92]. **Grids** [Gro87a, Mit92, SC90, VPL92, Kop89].
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Lagrange [Gen82, RM91]. **Lagrangian** [DK87, IKK91, MO80, MO81, RW90]. **Laguerre** [KWF84]. **Lanczos** [Son89, CWL83]. **Lanczos-type** [Son89]. **Laplace** [BW89b, May85, PW80, SK85b, dKS82]. **Large** [BDG80, BS92, FR92, MLJN92, OS81, Toi87, BdL86, CM81, CJ86, CWL83, Fos90, GHP81, GMT86, Hea84, Ost87, Sal87, Str80, ZWS82]. **large-residual** [Sal87]. **Large-Scale** [FR92, GHP81]. **later** [Vel90]. **Laws** [Gil89, Qua90, BC89, CL86, LO87, RT91]. **Layer** [Cho80]. **leap** [AG80]. **leap-frog** [AG80]. **leapfrog** [SS85]. **Learning** [YL90]. **Least** [AMO92, Bjö84, BS80, CP92b, DB90, Eld84a, Eld84b, GS91a, HP91, MF92, Ng91, OR86, PR85, Sni84, Toi87, Var85, BI87a, BH88, BNP88, CH90a, Cro91, GHP81, GHN83, GKR85, GMT86, Han86, Hea82, Hea84, Kem87, LQ89, Man81, Ost87, Sal87, Var82, WRWD84, WS88, WH85]. **Least-Squares** [CP92b, BH88, GHN83, LQ89]. **leg** [WS84]. **Legendre** [AR91]. **Length** [Ves91, CK82]. **Level** [AE91, dv85]. **Levinson** [Cyb80]. **Life** [Tor90]. **lightly** [Add84]. **Like** [Tum92, Cha84b, Ste85, Swa87a]. **likelihood** [Bun87, Osb87]. **limit** [Swa87a]. **limited** [SS86b]. **Limiting** [HZ91, SKA86]. **Limits** [Wor91]. **Line** [EG92, Mul90b]. **Linear** [AMO92, AG92, Bjö84, BS92, CF88, DS84, ES86, Fre92, GS81, Gre91, HJS92, Han86, HP89, Lin86a, LNK91, MP92b, MS84b, Ng91, Rip92, SS86b, Ser92, Smi92, Wor91, Wri91, vD89, van92a, BT80, BI87a, BJ89, BBK84, BC83, Bud87, Cam85, CJ86, Cro91, Dax89, DH86, Duf84a, Duf84b, DR84, DNR87, ESS86, FM81, GJM87, GKL88, GS83, GHN83, GHN84, Hea82, Hea84, JD89, JB83, KWD85, KL88, MW90, MS84a, Man81, Mar86a, MLDR88, PR88, Saa84, SSS85, SS86a, Say80, SB89, SR86, Sho86, Son89, Ste81, Str86, Var83, VC89, WRWD84, Wom86, WH85, Yip86, ZWS82, dR82]. **linear-equation** [CJ86]. **lines** [Ber88, LBD91]. **Liouville** [Pai84]. **Local** [BB87a, Bis91, Gro87a, GK92a, VPL92, AF88, AC86, Cos87, FB84, Geo81, GHLN88, Joe89, KLM87]. **local-memory** [GHLN88]. **Localization** [NP86, GKL88]. **Localized** [Bad91]. **Locally** [Gay81, GK92b, Swa87c]. **Locating** [Ta'90a]. **location**

- [CC80, ESS82, Tyl88, Wat83b]. **loci** [BF81]. **Log** [O'S88a]. **Log-Density** [O'S88a]. **Log-Hazard** [O'S88a]. **Logical** [PLB90]. **long** [LK87]. **long-tailed** [LK87]. **longitudinal** [TP91]. **low** [SO85]. **lower** [Coc85].
- Machine** [YL90, AMOS87, ZJ91]. **Machines** [DIR92a]. **Maintaining** [Gea86]. **Manifold** [van92b]. **Manteuffel** [Say80]. **manufacturing** [Dut83]. **Many** [App85, PLB90]. **Many-Body** [App85, PLB90]. **Mapping** [BG87, DE91a, PK84, PAF92, For84, SK85a]. **Mapping-Methods** [DE91a]. **Mappings** [For80, MT84b, OR89, Pea91]. **maps** [Gut83]. **Markov** [wEC90, HP84]. **Mathematical** [TB89, Cla85, McK84]. **Matrices** [AOU87, Arb91, ADGR90, ADN92, AE91, BV87b, DK90, DL92, Fre92, GT90, GL81, KK92a, KK92b, MO84, OS90, AH86, Bar86, BV87a, Bye88, wEC90, CWL83, EGL⁺87, FG86, GN86, GN88, Har89, HLPW86, LPP89, Mar86a, MS86, Par84, ST89]. **Matrix** [BGF91, CG90b, Dav81, Eld84b, GS89, GMSW84, HD92, Hig90, HS90, Kau83, KL91, KPC90, N'K91, O'L80, PS91, Rei90, SB80, Var86, War84, Bai88, Bye88, CM81, CV86, GO89, Hig86b, Liu88, Ost89, PW80, SW82, Sco84, Ste85, YMJ⁺89, ZWS86]. **Maximum** [Bun87, AW80, Osb87]. **Maxwell** [Coc85, Mon92]. **McBryan** [Dec91]. **mean** [Gar82, Row88]. **Measurement** [Lee91]. **measurements** [HN81, Jor87]. **measuring** [Bye88]. **Mechanics** [Löt84, MLJN92]. **Mechanisms** [MR90]. **Media** [AEL92, Coc85, MW90]. **Median** [Fin88]. **medium** [Pot85, SS87]. **Meeting** [EGJ⁺89]. **members** [BdL86]. **Memory** [BEM92, PAF92, EHHR88, GJM87, GR88, GHLN88, HR88, LC88, LC89, NP83]. **merging** [Liu86]. **Mesh** [BB87a, Bv91, D'A91, Gro87a, GK92a, O'L84, RR92, Sim81, BBK84, BR85, Eri85, Gro80, KLM87, Swa87a]. **mesh-connected** [BBK84, KLM87]. **Meshes** [HC87, Joe86, KN80]. **Message** [CL90, LC89, SNN87]. **Message-Passing** [CL90, LC89]. **metaparabolic** [GJ82]. **Method** [And92, ADN92, AG92, AE91, BEM92, BH91a, BW89a, CW91, Cas91, CB90, Col82, CL81, EOY90, FR92, For80, FM91, GT90, GSS86, GW91, HSS92, HD92, IKK91, Ker88, Lar89, Luk85, Moo81, N'K91, NPV91, OS90, OT89, Pea91, Pug92, Rüd92, SF88, SP88, SB90, SP91, TA90b, Tum92, YK86, ZJ91, ZY92, Ach89, AF88, ABDP81, BDS87, Ber88, BK86, BC89, BdL86, BR85, BL87, Bue86, Bye88, CK83, CL86, CGM85a, CGM85b, DF82, DK85, DH82, Eil86, EY88, Fis90b, FJ86, For84, FB84, Gre85, GWJ84, Hac81, Hal86, HC83, HPW84, HM83, JB83, Kiw89, KLM87, LaV80, LBD91, LC89, Luk86, Mai86, MT84a, Mar86b, MS86, Mur81, Ost89, Pai84, Pet89, PW80, Puc89, Rei86, Ros85, Saa85, Sch84, SP86, SSG⁺82, SG80]. **method** [UW87, Var82, Vd85, Wal88, WG83, Wat80, WS87, Wes82, Wes84, dv89, dKS82]. **Methods** [AS90, Ada85, BH91a, BEPP92, BS92, BMR83, BHSO87, CP92a, CH87, Dav88, DB90, DE91a, DIR⁺92b, EG92, Fis90a, Fle86, Fra89, Fre92, GS92a, Geo91, GMSW84, GK92b, Hei91, JA84, JSS87, Kau83, MC90, MP92b, Mit92, Mon82, Mon92, Nas85, OZ92, Qua90, RST92, Saa89, Sal90, Sha91, Ta'90a, Tam92a, Tam92b, Thu90, ZBS92, vdHS91, van82, AH86, BRF83, BNP88, BW80, BF84, BB87b, Blu80, BDG80, BHW85, BS90, Bub88, Bun85, Cha84b, CJ84, CS85a, Den87, Duf84b, Eis81, Fis88, FO84, GHN83, GR85, GKR85, GMT86, GP88b, GO89, GMB88, Gut83, Hal81, HV87, Har89, HP84, HJS84, Hea84, HL90, KR88, KP91, Kru89, Kui87,

LR84, LP91, MN87, MLDR88, NP86, Ort88, Pet83a, Pet83b, PK89, RM91, Rei81, Saa84, Sch85b, ST89, Seg82]. **methods** [Sha83, SB85, SR86, SB87, SO85, Str80, Str84, VC89, YWBJ86, Zla81, dH84]. **metric** [Wat83b]. **MIMD** [SNN87]. **minimal** [SS86a]. **minimax** [MO80, NW85]. **minimization** [LM85]. **Minimizing** [GW91, MS85, Par92, CO83, YFI89]. **Minimum** [KK92a, Liu89, ST80, CV86, HJS84]. **Minimum-Phase** [KK92a]. **Minmax** [ETW92]. **Minres** [Luk85]. **miscible** [Pot85]. **Misclassification** [GJW86]. **Missing** [Vel90]. **Mixed** [AEL92, Gil89, Mon92, BA87, BW80, Pet83a, SK86, Wes84]. **Mixtures** [Kuo86]. **MMAE** [NW88]. **Mode** [KL88]. **Mode-dependent** [KL88]. **Model** [de 92, CGK86, Gar82, Ost89, Pot85]. **Modeling** [BW89b, Dut83, JT87]. **Models** [AEL92, Cho80, LS85, Bun87, BDS84, ESS82, FM81, JT87, Osb87, SR86]. **Modification** [Pug92, BT80, Dax83, Yip86]. **Modified** [Chi88, EHHR88, GSS86, HSS92, HT90, SE90, Zla81, BS83, Mel88, OS91a, RS87, SB87]. **modulus** [FM86b, FM86a]. **mollification** [Mur81]. **Moment** [Dev91]. **moments** [Dek83, Mel82]. **monitoring** [Bar86]. **Monotone** [CF91, MC89, Cos87, FB84]. **Monotonic** [PLB90]. **Monotonicity** [Hym83]. **Monte** [BI87b, Fis89, Fis90b, MW90, N'K91, NP86, SP86, SO85]. **Morrison** [Yip86]. **most** [BdL86]. **Motion** [Bic91, HB90, AMOS87, TP91]. **Moving** [CP92a, Gro87a, RM91, RR92, Gro80, KMM84, Mar86b]. **MP** [DH86]. **MR** [Hel83, Van83]. **MSAE** [NW88]. **Multi** [MW85, ABDP81, AW80, BW87, CK82, CS85c, dv85]. **multi-grade** [AW80]. **Multi-Grid** [MW85, ABDP81, CK82, CS85c]. **multi-level** [dv85]. **multi-response** [BW87]. **Multiblock** [CH87]. **multicomponent** [JTW89]. **Multidimensional** [FGS83, Asi85]. **multifacility** [CC80]. **multifrontal** [DR84]. **Multigrid** [BC86, BH91a, BC83, BMR83, BMxx, DIR92a, HC87, KP91, Mik91, Mul90a, PR92, SW92, Ta'90a, Tum92, de 92, BK86, Dec91, Den87, Hac81, Wes82]. **Multigrid-Like** [Tum92]. **Multilevel** [BB87a, Mit92, TCK91, TCK92]. **Multiple** [EGM84, GW91, SS81b, AC86, Gen82, Riv88]. **Multiplication** [dB80, Bai88]. **multiplicative** [FM86b, FM86a]. **multiplicity** [BD81]. **multiply** [GP88b]. **Multipole** [And92, ZJ91, CGR88]. **Multipoles** [And92]. **Multiprocessor** [BHSO87, CG90b, CL90, HP91, WP90, BL85, GR88, GHLN88, KF85, LC88, LPS87]. **Multiprocessors** [Bad91, BG88, JSS87, Sal90, EHHR88, HR88, HL90, LC89]. **multirate** [SA89]. **multistep** [SB89, TSD83, VC89]. **multitasking** [DH86]. **Multivariate** [JJ88, Cau83, Dek83, KWD85, Tyl88, Utr87]. **MUSCL** [Col85]. **NAPL** [For91]. **Navier** [Gro87b, Pet83a, Str84, ten88]. **NAXPERT** [SC88]. **near** [Kel83]. **nearly** [DK85, FG86, Ste81]. **Nested** [AE91, dB80]. **Network** [Bv91, ZP92, SBC91]. **Networks** [HI83, CS85c]. **Neumann** [PW80]. **neural** [SBC91]. **Newton** [BW87, BP90, BHW85, Cha84b, CJ84, DK85, Fle86, Fra89, Geo81, Gre85, GW91, Nas85, PS91, ST89, SSG⁺82, TE91, Tor90, ZP92]. **Newton-like** [Cha84b]. **next** [Vel90]. **Nine** [AE91]. **Nine-Point** [AE91]. **no** [BS87, Hel83, Van83]. **Nodal** [Hen86, MC90, TCK91]. **Noise** [YL90]. **Noisy** [BKK86, Utr81b]. **non** [RT91]. **non-strictly** [RT91]. **noncentral** [HR85]. **Nonclassical** [FS91]. **nondifferentiable** [YFI89]. **nonHermitian** [Ste85]. **Nonhomogeneous** [Dar92]. **Nonlinear**

[AW84, BC86, BP90, CW91, Cel91, CL90, CP92b, DS84, GRMM92, N'K91, RST92, Toi87, Var85, WW90, ZP92, ZBS92, de 92, AG85, BMA86, BD81, BB87b, Blu80, BBS87, BDG80, BS90, CK82, DNR87, Fle81, GKR85, Gut83, HK86, HLS85, HP89, HC83, Kui87, LN89, Man82, MLDR88, MO80, MO81, Osb87, PL86, Sal87, SS85, Sch84, Sch85b, SW86, SGMS88, Var90, Wat80, WS87, WH87, WH85, YWBJ86, vd82].

Nonlinearly [CJ84]. **nonmonotone** [Kri85]. **Nonparametric** [O'S88b].

Nonseladjoint [Gre91]. **nonskewed** [Sho86]. **Nonstandard** [ST89]. **nonstiff** [HS85, Pet83b]. **Nonsymmetric** [BS92, DR85, van92a, ESS86, Saa84, SS86a, Say80, Son89]. **Norm** [DB90, Hig90, Str86].

normal [Bro86, Dek83, DH82, DJH80, Hel83, Hel89, Iye88, LR84, Ric80].

Normalized [FM91]. **norms** [OW85].

nosed [Ros85]. **Note** [AD84, BW89a, BBVD87, CG90a, GV87a, Bar86, Dec91, Liu87b, Mul90b, SW86, Yip86].

nullity [Kel83]. **Number** [Alt88, GL81, Por91, CR83, FM86b, FM86a, Hig86b, Nie84, Nie87, ZWS86].

Numbers [O'L80, PV86]. **Numerical** [AW80, AEL90, BF81, BRF83, CW91, Che83, CP86, CP89, Coc85, CP92b, CSL85, CR87c, Dav81, DE91a, Dem84, DLR91, DLR86, EGJ⁺89, FS91, FO84, For80, Gut83, Hea84, HR87, HR90, IIMPL85, IKK91, Kem87, Lin86b, Löt84, MR90, MMM84, MP92b, Mén83, NPV91, OR89, Par92, PL86, RD89, Sch91, Sch92, SK85a, SR86, Tam92a, Tam92b, Thu90, Tor90, Tre80a, Tre80b, WS83, Wor91, AG85, BICM88, BB87b, BC89, Bub88, Cam85, CMR86, CM87, Cyb80, Ehr86, FJ86, For84, Gea86, GMSW83, Hac81, HK86, HLS85, Han90, Hel83, HR85, HM83, Lau88, LO87, LR84, Mit87, Mur81, Pai84, Pot85, Rei81, Ric80, SBC91, SS85, SC88, Sch85a, Seg82, SAW85, Str80, SG80, Var82, Var83, WG83, WS88, dKS82, van87].

Numerically [BBK84, Pea91].

O [Hel83]. **Object** [Cho92]. **Oblique** [Luk84]. **Odd** [ten88, Dt90]. **ODE** [BA87, BHW85, BBH89, CH87, GS83, Gup85, HS85, Pet82, Sha83, dH84]. **ODEs** [CJ86, Gea86, Ser85, Sha80, SB85]. **off** [Fin88]. **Oil** [Lan92, BF84]. **on-state** [PSdH⁺83]. **One** [BC92, CF91, Mul90a, SB90, Tam92a, WS84, de 92, BR85, De 89, GJ82, GLO81, LC87, Mar86b, Smo82, SK86, Swa87c].

One-Dimensional

[Mul90a, de 92, BR85, GJ82, GLO81, LC87, Mar86b, Smo82, SK86, Swa87c]. **One-leg** [WS84]. **one-sided** [De 89]. **One-Stage** [Tam92a]. **onto** [SK85a]. **Open** [RS84].

operations [GP88a]. **Operator**

[Hei91, Let92, Bue86]. **Operators** [CH91, JMPW92, BRI84, IIMPL85, Sco82].

Optimal [DS89, D'A91, Gay81, Gir87, Mit92, Sim89, Smi92, Utr81b, BICM88, BS89, Cau83, Cha88, ESS82, RS89, VG83].

Optimization

[GMSW84, GN85b, ZP92, GMSW83, HPW84, LN89, MO80, MO81, NP86, PR88].

Optimizing [BG88, HL90]. **Order**

[Bon87, Dav88, JMPW92, Let92, YK86, BA87, BAF86, Boi81, BdL86, BL87, Bub88, Bue86, HR87, Lin86a, LP91, MS84a, May85, Ser85, SB87, SO85, Str80, Swa87a, Tis89, Vd85, van86]. **Ordering**

[KC90, Liu89, O'L84, OS90, Fis89, Ost87].

Orderings [LP89, EGL⁺87]. **Ordinary** [Ano89, EGJ⁺89, LNK91, Tam92a, Tam92b, AP81, BD81, Bue86, CM81, Pet83b, Tis89, VC89, WS84]. **Oriented** [Par92].

Orthogonal [AOU87, Bar90, Gau82, GN86, HI83, Luk83, MMO89, BBS87, FG86, HPW84, PR89, SSJ88].

orthogonalization [Cyb87].

oscillating [BMxx]. **oscillator**

[IIMPL85]. **Oscillatory** [Can92, Add84].

Osher [van84]. **out-of-core**

[Duf84a, Liu87a]. **Outflow** [BT82]. **Overlap**

- [BW89a]. **overset** [Kop89]. **overwhelming** [Sch85a].
- Padé** [RRPP88]. **paging** [Liu87b]. **Paige** [OP91]. **Parabolic** [GS92a, SB90, VP92, AF88, BW80, Ber88, ES80, Hac81, HK86, LBD91]. **Parallel** [BEM92, Bis91, Bv91, BGF91, CS85c, CH87, CP92b, FR92, GV87b, GS92b, GH92, GS81, GK92b, HR88, HZ91, LZS91, LP89, Man91, MG92, O'L84, PAF92, PA92, Sch91, Tam92a, Tam92b, Tum92, VP92, Wom90, Wri91, Wri92, ZP92, ZBS92, ZJ91, vdHS91, BI87b, CKLA87, Dec91, DS87, Elm89, GJM87, GK88, GMB88, Hei88, JD89, Jor87, KR88, KG87, LPP89, LC88, LO87, Mel88, Mit87, Swe88]. **Parallelism** [Wor91]. **Parallelization** [BH91a]. **Parallelizing** [Ser92]. **parameter** [BK89, BW87, ESS82, RD89, Var82, Var90]. **parameter-dependent** [BK89]. **Parameterized** [BC86]. **Parameters** [EDRW91, GW91, IKK91]. **Parametric** [Par92]. **Part** [NPV91]. **Partial** [BEPP92, Gre91, MR92, RST92, VP92, Wor91, DF82, GN85a, GN87, GP88a, Gre82, GK88, KG87, MS84a, SC80, WRWD84, vd82]. **Partially** [Luk83, Lin86b]. **Particle** [Bic91, Mon82, CGR88, RM91]. **Particles** [Bic91, DM90a, VG83]. **Partitioning** [Bad91, Vav91, ZP92]. **Passing** [CL90, LC89, SNN87]. **Past** [Cho92, Che83]. **patched** [Kop89]. **Path** [HR90, Eil86, Kel83]. **PDE** [BW83]. **PDEs** [GK92b, KLM87, SC90]. **PECE** [Hig89]. **Penalty** [CH90b, JB83]. **algebraic** [Pet82]. **Black** [KC90]. **GML** [GW91]. **Scatter** [LS88]. **Pencil** [BGF91]. **Pencils** [Kåg86]. **Penetration** [LMPS86, RS85]. **perfect** [AH86]. **Performance** [GK92b, van89, Jor87, KT87, Nie84]. **Periodic** [McD86, TA90b, VP92, Hac81, SGMS88]. **permanent** [BS87]. **Perturbation** [KPC90, AC86, AW84, HM83, Seg82, Smo82]. **perturbations** [Ach89, Geo81]. **perturbed** [AJ89, EL87, FM80, Mai86]. **Phase** [KK92a, NPV91, WW90, BDS84, For89, JTW89, MW90, Pot85]. **Phase-Change** [WW90]. **Phenomena** [WS83]. **Picard** [Ske89]. **Piecewise** [DG85, MC89, Rip92, Smo82, FB84]. **Pipelines** [MPL83, BDG80]. **Pitfalls** [Var83]. **Pivoting** [Bis91, GN85a, GN87, GP88a]. **Place** [Bri87, Tem91]. **Plane** [Dar92, VG83]. **plastic** [TP91]. **Plate** [MF92, SS91]. **Platzöder** [SW86]. **PLS** [WRWD84]. **PLTMGC** [BC86]. **Point** [AE91, CW91, KS91, MS84b, Moo81, WP90, Wri92, Ach89, AJ89, CK83, EY88, FO84, Lin86a, Pru86, RM91, Wat80, WS87]. **points** [AW84, BL87, Cha84b, KWF84, Kel83, RD89]. **Poiseuille** [Ach89]. **Poisson** [CR87b, CR87a, KP91, Knü86, MG92, Sch84, Swa87b, YWBJ86]. **Polar** [Gan90, HS90, KL91, Hig86a]. **polarisable** [Coc85]. **Polish** [Fin88]. **polygon** [DH82]. **Polygons** [BG87, Joe86, DJH80]. **polyhedral** [CO83]. **Polynomial** [AS90, AJS90, AMO92, EOVS90, FM80, Saa85, TE91]. **Polynomials** [Gau82, Rip92, SSJ88, SO85, dR82]. **Porous** [AEL92, Pot85]. **Porous-Media** [AEL92]. **Posed** [ES86, OS81, OR86, Han90, Var83]. **Positive** [AMO92, Bro86, CV86, FG86, Kiw89, Ruh80]. **Post** [SF88]. **Post-Processor** [SF88]. **Potential** [Gre90, YWBJ86]. **power** [Hel89]. **Practical** [Cel91, DP89, Eri85, GSBB87, PL86, Saa84, Saa85, Wes82]. **Preconditioned** [Ada85, DIR⁺92b, DM92, GK92b, KK92b, CJ84, Eis81]. **Preconditioner** [AS90, KK92a, Smi92, TCK91, Cha88, CS89]. **Preconditioners** [CJ92, DC92, TCK92, AG88, Cha91, Elm89, YMJ⁺89]. **Preconditioning** [AMO92, DM90b, EOVS90,

- JMPW92, Man91, Nas85, NOP85, vd82, van89, CMd84, CGM85a, CGM85b].
- preconditionings** [Saa85]. **prediction** [NP83]. **predictors** [LP91]. **Preface** [Ano89]. **Presence** [YL90]. **Preserving** [BP90, DG85, Hym83, RW90, BH91b].
- Pressure** [ten88, For89, van86].
- pressure-correction** [van86]. **Prime** [Tem92, Ott89]. **principle** [SKA86]. **prior** [Kem87]. **probabilistic** [Bun87].
- probabilities** [GJW86, Iye88]. **Probability** [EDRW91, Fos90]. **Problem** [BM90, GGS87, IJ90, LZS91, MLJN92, Rei90, War81, WS91, WP90, AP81, BICM88, CC80, CGK86, CM87, DS87, Fle81, Kat89, LPS87, Mur81, OW85, Pai84, PR88, PW80, RD89, SSG⁺82, TP91, Wat83b, WRWD84, vd82].
- Problems** [Bj684, BW89a, BEPP92, CW92, CW91, CH91, CB90, DB90, DM90b, DE91b, DC92, Eld84a, Eld84b, ES86, EG92, FS91, GS91a, Kau83, KS91, Kri82, KC90, L6t84, MW85, Ng91, NPV91, OS81, O'L84, OR86, O'S91b, Sch91, Smi92, Ta'90a, TCK92, WW90, Wri92, Add84, AW84, AJ89, AF89, BK89, BRI84, BI87a, BH88, BNP88, BMA86, BJ89, BDS87, Boi81, BK86, BdL86, BC83, BMxx, BL85, BR85, BL87, CK82, CP86, CK83, CP89, DF82, Den87, EL87, EY88, FM80, FO84, GHP81, GHN83, GKR85, GMT86, Gro80, GWJ84, Hac81, Han90, HC83, Hea82, Hea84, HM83, Kiw89, KM80, Lin86a, LC84, Mai86, Man81, Mar86b, MN87, NW88, Ost87, PSdH⁺83, Pru86, RRPP88, SBC91, Sal87, SKA86, Sch86, Sch85b, SW82, Seg82, SK86, SS81b].
- problems** [Var83, WG83, Wat80, WS87, Wes84, dv89].
- problemsize** [PSdH⁺83]. **Procedure** [OS81, BW87, BS83, Ehr86, NW85, Tie83].
- procedures** [DLR86]. **Process** [Lan92, Dut83, JB85, JTW89, KA87, SAW85].
- Processes** [DP89, Kuo86, Web92, Bud87].
- Processing** [GV87b, O'L84, Hei88, LQ89].
- Processor** [Sch92, SF88, GJM87, GMB88, Jor87, KT87].
- Processors** [PAF92, Sim89, BBK84, Mit87, SSS85].
- Procrustes** [Luk84]. **producing** [RS89].
- Product** [Cup83, HLPW86]. **Products** [BV87b, VBH92, BV87a, Cyb87, SV89].
- profile** [Mar86a]. **Program** [App85, BC86, BDS84, Wat83a].
- Programming** [Bad91, BM90, HJS92, MP88, BMA86, BDG80, DNR87, Fle81, GO89, Kiw89, McK84]. **Programs** [AKHC⁺92]. **projected** [GO89, MO80, MO81]. **Projection** [ADNR92, BS92, BC89]. **projector** [HM88].
- Prony** [OS91a]. **Propagation** [Lar89, Wal91, HP89, SB87]. **Properties** [SS81a, AH86, AH87, Hei88, IIMPL85, SU88, SA89]. **proportional** [GP88a]. **prototype** [SC88]. **pseudo** [Cha84b, Eil86].
- pseudo-arclength** [Cha84b].
- pseudo-spectral** [Eil86]. **pseudoparabolic** [GJ82]. **pseudorandom** [Nie84, Nie87].
- Pseudospectral** [DM90b]. **PSMG** [FM91].
- pulse** [LC87]. **pulse-spectrum** [LC87].
- Purpose** [BW83].
- Quadratic** [Dav81, KPC90, MC89, Bro86, GJW86, GO89, Har89, Hel83, Kiw89, LR84, Ric80, SW82]. **Quadrature** [CR87c, KS83, Tor90, KWF84].
- Quantile** [Por91, ESS82, Tie83]. **quantized** [Sni84].
- Quasi** [BP90, Fle86, BHW85, Geo81, Gre85, NP86].
- quasi-Choleski** [Gre85]. **quasi-Monte** [NP86]. **Quasi-Newton** [BP90, Fle86, BHW85, Geo81].
- quasi-quasi-Newton** [Gre85].
- Quasiconformal** [MT84b]. **Queuing** [Kau83].
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YL90, Atk82, Bro86, CL86, FM86b, FM86a, Hal81, Hal86, Hel83, LaV80, Ric80, Sho86]. **Rank** [CH92, Ng91, Ste84, BH91b, CH90a, Han90, Man81, Yip86]. **rank-** [Yip86]. **Rank-Deficiency** [Ng91]. **rank-revealing** [BH91b]. **ranked** [Mel82]. **Rapid** [Rei90, KT87]. **rapidly** [Le85]. **rate** [BDS84, Puc89, dv85]. **Rates** [FM91]. **ratio** [LR84]. **Rational** [DG85, Kri85, PV86, Rei86]. **Rayleigh** [BCJ⁺88, GMMS86, Sco82]. **Reacting** [MR90, CMR86]. **reaction** [CSL85, Eil86, Hal81, MLDR88, Rei81, SP86]. **reaction-diffusion** [Eil86, Hal81, Rei81]. **real** [WG83]. **reasonable** [Swa87a]. **reconciliation** [Gre86]. **reconfigurable** [KB84]. **reconstruction** [Gir87, Kru89]. **Recovery** [Lan92, BF84]. **rectangle** [CR87a, CR87b, SK85a]. **rectangles** [Sch85b]. **rectangularly** [PK89]. **Recurrence** [WH87, vD89]. **Recursive** [AE91, HP91, LQ89, Tie83]. **Red** [KC90]. **Red/Black** [KC90]. **Reduced** [EG92, Pet89]. **Reducing** [Kåg86]. **Reduction** [AS90, Dub91, MMO89, SNN87, GN86, Mar86a, Ost87, PSdH⁺83, Swa87b, Swe88]. **Refinement** [BB87a, BEPP92, Gro87a, GK92a, GK92b, VPL92, AF88, BR85, Gro80, Swa87a]. **refining** [Jar86]. **reflection** [SS86b]. **Reformulation** [FS91]. **refraction** [KM80]. **Region** [CH90b, MS83, ST89, SK85a, YFI89]. **Regions** [DE91a, HT90, MG92, CS85b, For84, Iye88, May85]. **register** [Nie87]. **Regrading** [KN82]. **Regression** [BD84, Cel91, Por91, BBS87, NW85, NW88, Riv88, SR86, WRWD84]. **Regularization** [Eld84a, Eld84b, HSS92, OS81, TA90b]. **Regularized** [O'S91b, WS91, Gir87]. **regulator** [BRI84]. **rejection** [Fis90b]. **relation** [van84]. **Relations** [vD89]. **Relative** [O'S88b, Var90]. **Relaxation** [DB90, NSV83, KLM87]. **Relaxation-Based** [NSV83]. **relaxations** [Mit87]. **relaxed** [Cha91]. **Reliability** [Dem84, LS85, dH84]. **remapping** [DK87]. **Remes** [Chi88]. **Reordering** [PA92, LPP89, Liu88]. **Representation** [BV87b, Pug92, BV87a, SV89]. **requires** [BS87]. **reservoir** [TB89]. **residual** [SS86a, Sal87]. **Resolution** [Kru89, Coc85]. **resource** [AW80]. **response** [BW87, SS87]. **Results** [CP92b, Tyl88]. **Revealing** [CH92, BH91b, CH90a]. **Reversal** [Ves91]. **reweighted** [WS88]. **rezoning** [DK87]. **RGSVD** [Kåg86]. **Riccati** [Van83, BRI84, Van81]. **Rice** [Hel83]. **Richardson** [dR82]. **Riemann** [Dar92, JTW89, TP91]. **Rigid** [Löt84]. **Risk** [O'S88b]. **Ritz** [Sco82]. **Roberts** [BT80]. **Robust** [BH91a, Blu80, BD84, Utr81a, SR86]. **Robustness** [Wit89]. **Roe** [van84]. **Root** [GS91a, KF85]. **rootfinder** [Kri85]. **roots** [BF81, DK85, SSJ88]. **Roseland** [N'K91]. **Rotating** [RS84, Lin86b]. **Rotation** [GS91a, Luk83, Luk86]. **Rotations** [Luk84, BI87a, Liu88]. **round** [Ros85]. **round-nosed** [Ros85]. **Row** [BS92, Liu86, Ost87]. **row-ordering** [Ost87]. **Rules** [ES88, HJS92, Tor90]. **Runge** [DP89, GSBB87, Hig91, KR88, OT89, OZ92, Sha91, Zla81, vdHS91]. **Runge-Kutta** [Zla81]. **Running** [Bad91]. **S** [Hel83]. **Sample** [AKHC⁺92, BdL86]. **samples** [Sni84]. **Sampling** [ES88, Cau83, FJ86, MT84a]. **Saunders** [OP91]. **Scalar** [GGL⁺88, BC89, CL86, Gro80, SP86]. **Scale** [FR92, OS81, Toi87, ESS82, GHP81, GMT86, Riv88]. **Scaled** [BI87a, Wor90]. **Scales** [Str91]. **scaling** [DR86, ST89]. **scatter** [Tyl88]. **Scattered** [Rip92, DLR86]. **Scattering** [BKK86, CM87, SKA86]. **scene** [Par84]. **Scheme**

[Cho92, Dt90, Gil89, Ng91, Ser92, ten88, AG80, BAF86, Dav87, KMM84, Liu87a, LO87, PR86, SS87, van86, Col85]. **Schemes** [AEL92, DM92, DE91b, Hen86, O'L84, VPL92, Asc89, BC89, HPW84, Lin86a, Liu86, MS84a, Pru86, SS85, Ser85, Swa87c, van84]. **Schmidt** [JP91]. **Schrödinger** [IIMPL85, Smo82, WH87]. **Schur** [BGF91, Elm89, Ste85]. **Schwarz** [Tre80a, Ehr86, HT90, Tre80b, Wei92]. **Sci** [Hel83, Van83]. **Scientific** [Bad91, GV87b, SNN87]. **Scope** [GSS86]. **Scores** [GW91]. **Search** [YL90, NP86]. **Second** [Dav88, JMPW92, Let92, AH86, BAF86, BB87b, Ser85, Str80, van86, GV87b]. **Second-Order** [Dav88, JMPW92, Let92, BAF86, Ser85]. **second-order-accurate** [van86]. **Section** [Ano89, GS89]. **sections** [VG83]. **Seidel** [Mul90b]. **seismograms** [SS86b]. **Selection** [MF92, ESS82, NW85, Pet83b, Ren87, Tis89]. **Self** [CR87c, Tem91]. **Self-Sorting** [Tem91]. **Self-Validating** [CR87c]. **Semi** [RW90, AH87]. **semi-implicit** [AH87]. **Semi-Lagrangian** [RW90]. **Semicoarsening** [DIR92a, SW92]. **Semiconductor** [BW83, FRB83, de 92, BRF83, PSdH⁺83]. **semidefinite** [Kiw89]. **semidiscrete** [WH87]. **Sensitivity** [Fis90b, O'S91b]. **separable** [OW85]. **separably** [Wat83a]. **Sequence** [Dev91]. **sequences** [Gen82]. **Sequential** [GO89, CP86, RS89]. **serial** [Elm89, Har89]. **Series** [CB90, McD86, AG85, ESS82, Hel89, JT87, NP83, Smo82]. **Set** [MS85, PAF92, CR83]. **sets** [CM81, DR84, DNR87]. **settling** [Sch85a]. **several** [Add84, FG86, PT83]. **shallow** [Bud87]. **Shape** [DG85, RW90, SG80]. **Shape-Preserving** [RW90]. **shaped** [SK85a]. **Shared** [BEM92]. **Shared-Memory** [BEM92]. **sheet** [Puc89]. **shell** [KP91, Man82]. **Sherman** [Yip86]. **shift** [Nie87]. **shifted** [Ske89]. **Shock** [MR90, CMR86, SSG⁺82]. **Shocks** [MPL83]. **shooting** [Mai86, dH84]. **Should** [BC92]. **SIAM** [Hel83, Van83]. **sided** [De 89]. **Sign** [KL91, Row88]. **signal** [LQ89]. **signal-processing** [LQ89]. **significant** [BdL86]. **silicon** [Dut83]. **SIMD** [DIR92a]. **Simple** [Sho86, BC89, Cha84b, CL86, SS87]. **Simplified** [Dav88, Dav87, KMM84]. **Simulation** [App85, CGR86, FRB83, HSST92, Löt84, NSV83, WS83, Web92, Atk82, BRF83, BF84, MW90, SAW85, TB89]. **Simulations** [GH92, Hag91, CGR88, Hei88]. **simultaneous** [FG86]. **single** [HS85, Pot85, Wat83b]. **Singular** [Cup83, DK90, Don83, Kåg86, PK84, AW84, BL85, Cam85, Cha84a, CH90a, wEC90, CWL83, De 89, DK85, GJ82, Han90, HN81, HV87, Har89, HLPW86, HM83, Kel83, Pai86, Say80, Sch86, Seg82, Ste81]. **singular-value** [BL85]. **Singularities** [Ta'90a, BR85]. **singularly** [AJ89, EL87, FM80, Mai86]. **singularly-perturbed** [FM80]. **Size** [JJ88]. **sizes** [Var90]. **slender** [SG80]. **Slightly** [Fis90a, Che83]. **small** [Fis88]. **Smooth** [KN82, ZY92]. **Smoothed** [Bic91]. **Smoother** [WS86]. **Smoothing** [AJS90, GW91, McD86, MU88, SU90, TA90b, Utr81b, Wah81, Wit89, KA87, SU88, Utr87, Wah82]. **Smoothly** [van92a]. **Software** [BW83, Dem84, LS85, OP88, Par84, SC88, ZWS86]. **solidification** [SAW85]. **Soliton** [CB90]. **Solution** [AKHC⁺92, AG92, CH87, Dav81, DMM90, EGJ⁺89, FS91, FR92, FM81, GS92a, GHP81, GHN84, HSST92, LNK91, MC90, MG92, MW85, N'K91, Ng91, PA92, Rei90, Sch91, Sch92, Smi92, Str86, Tam92a, Tam92b, Tum92, WW90, Wor91, van92a, AG85, BI87a, BH88, BB87b, BBK84, BC83, BL85, Cam85, CP89, CM87, Dax89, DR84, DNR87, EY88, GS83, Gea86, GKR85, Hac81, HLS85, HS85, HR88, HM83, KP91, Kui87, Man82, May85, Mit87, Mur81, PL86, SBC91, Sch84,

Sch85b, Sha80, Str80, Var83, VG83, vd82]. **Solutions** [DM90b, TW92, WS91, AW80, BR84, BD81, CH90a, CP86, GJ82, HK86, Han90, Lin86b, MMM84, Pru86, SGMS88, Smo82, SK86, SS81b]. **Solve** [Dar92]. **Solver** [BW89b, BBH89, CP92b, WP90, BA87, CR87a, CR87b, JTW89, LC88, Son89, YWBJ86]. **Solvers** [GS81, CS85b, CJ86, HL90, KT87, Tis89, YMJ⁺89]. **Solving** [AMOS87, Bv91, BP90, Can92, CB90, CL90, GRMM92, GS91a, IJ90, JA84, Joh87, KM80, MS84b, MR92, SSS85, Sal90, Sch86, SW82, SP88, VP92, Wat80, WS87, ZBS92, Blu80, BC89, BHW85, Bun85, CC80, Cha84a, CS85a, CMd84, Duf84a, Duf84b, EHR88, ESS86, GHN83, GR85, Gut83, HC83, JD89, KB84, KLM87, LC89, LC84, Pet83b, PK89, Saa84, SS86a, Sal87, Swa87b, Van81, Van83, WG83, Yip86, ZWS82]. **Some** [CH92, DE91a, DE91b, Hea82, Kea83, LS85, O'S91b, Rei86, Ser85, Tyl88, Boi81, GHN83, GMT86, HP84, KT87, Saa84, SS81b, Wes84, van82]. **Sonic** [Roe92]. **sophisticated** [OP88]. **SOR** [AJ86, Ehr86]. **Sorting** [Tem91]. **Sound** [HB85, SS87]. **Space** [NPV91, SB90, LBD91, MU88, Tie83]. **space-efficient** [Tie83]. **spaced** [JT87]. **Spanning** [HJ89, HJS84]. **Sparse** [ADGR90, ADNR92, AEL90, Can92, GS89, GHLN88, GP88a, GS92b, GMSW84, GRMM92, GL81, HPW84, HZ91, LS88, MLJN92, Ng91, OS90, PA92, Sal90, BS87, BR90, Bar86, CM81, Duf84a, Duf84b, DNR87, ESS81, EGL⁺87, GHP81, GHN83, GHN84, GN85a, GN86, GN87, GN88, GLN88, Hea82, Hea84, LPP89, Liu86, Liu87a, Liu87b, Liu88, Mar86a, MS86, Ost87, Ost89, Par84, YMJ⁺89, ZWS86, War84]. **Sparsity** [BP90]. **Spatial** [SB90]. **Special** [Ano89, Boi91, GS89, MP92b]. **specification** [Kem87]. **Specified** [Luk83]. **Spectral** [Fis88, GLO81, HD92, Hei91, Qua90, RST92, Die86, Eil86, IIMPL85, PK89]. **Spectrum** [KK92b, LC87]. **speed** [Bai88, SS87]. **Speedup** [Wor90]. **Sphere** [Wah81, Die86, Wah82]. **Spherical** [SC90, KP91, VG83]. **Spline** [BC92, FGS83, Utr81b, Wah81, Wah82, Web92, BRI84, KA87, Utr87, Var82]. **Splines** [AJS90, CGR86, McC90, MF92, O'S88b, SU90, SS91, Utr81a, VBH92, Cos87, Die86, FM80, Ren87, SU88]. **split** [VC89]. **Splitting** [NOP85, Ske89, Vd85]. **Splittings** [Wei92]. **Square** [GS91a, Knü86, AH86, CGK86, Sch84]. **Squares** [AMO92, Bjö84, CP92b, Eld84a, Eld84b, GS91a, HP91, MF92, Ng91, OR86, PR85, Toi87, Var85, BI87a, BH88, BNP88, CH90a, Cro91, GHP81, GHN83, GKR85, GMT86, Han86, Hea82, Hea84, LQ89, Man81, Ost87, Sal87, Sni84, Var82, WRWD84, WS88, WH85]. **SSOR** [AG88]. **Stability** [BD81, BS91, Bun85, CP92a, DE91b, JP91, OT89, RR92, SA89, Thu86, Thu90, AH86, AH87, Bar86, Cyb80, Pet83a, Yip86]. **Stabilized** [Hei91, dv89]. **Stable** [GO82, SGMS88, Wri92, BBS87, BBK84, Bye88, CC80, Web84]. **Stage** [Tam92a, Tam92b]. **standard** [Row88]. **State** [GH92, MWM87, PSdH⁺83]. **States** [EGM84]. **Stationary** [de 92, HP84, NP83]. **Statist** [Hel83, Van83]. **Statistic** [Bon87]. **statistical** [Hei88, MWM87, Nie87]. **statistics** [Fle81, OP88]. **Steady** [EGM84, GH92, SSG⁺82, BDS87, MWM87, Mul90b, SS81b]. **Steady-State** [GH92, MWM87]. **Stefan** [NPV91]. **Step** [Ada85, CH90b, MS83, Nie84, Riv88]. **Stepping** [Wom90]. **Steps** [Gay81, Geo81]. **stepsize** [LP91, SB89]. **Stieltjes** [Tor90]. **Stiff** [DE91b, AF89, BHW85, BL87, CJ86, CK83, FO84, Gup85, HS85, Pet83b, TSD83, VC89, WS84, Wat83a]. **Stiffness** [Sha91]. **Stochastic** [Bud87, Lan92, Web92, Fis89, KA87]. **Stokes** [Gro87b, Pet83a, PK89, Str84, ten88].

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[Arb91, DR85, Fre92, GT90, IJ90, LZS91,

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Thu90, Wri91, ZBS92, van92a, AF88, Blu80,

BBK84, BHW85, BS90, Bun85, Cam85, Cha84a, CS85a, CJ86, Cha88, wEC90, CP89, Cyb80, Duf84a, Duf84b, EHHR88, ESS86, FO84, FM81, GHN84, GR85, GN85a, Gus88, HR88, JD89, Joh87, KB84, KF85, LC89, LO87, Mel88, Pan88, Pet83b, Saa84, SS86a, Say80, Ser85, SW86, Son89, Ste81, Str86, TSD83, Wat83a, ZWS82, dR82]. **Systolic** [ES86, GS91a, HI83, LQ86, BI87a, Sch86].**tables** [PT83]. **tailed** [LK87]. **Target**[Luk83]. **Taylor** [GMMS86]. **technical**

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Cyb80, CV86, Cyb87, Eld84b, GS81, KK92a,

KK92b, Lau88]. **tomography**

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waiting [Sch85a]. **waiting-time** [Sch85a]. **Walk** [SP88]. **water** [Bud87]. **Wave** [Kri82, Wal91, Bud87, HK86, HP89, HC83, SB87]. **Waveform** [Ske89]. **Waves** [BCJ+88, GGL+88, MR90, RS84, BR84, CMR86, CM87]. **wedges** [Ros85]. **weighted** [BH88, Gar82]. **Well** [AEL92, CF88]. **Well-Conditioned** [AEL92, CF88]. **Which** [BC92]. **Wise** [Alt88]. **within** [BdL86]. **without** [And92, AW84, Mer85, SW82]. **Woodbury** [Yip86]. **Work** [Mon82]. **Worst** [FGR92]. **Worst-Case** [FGR92]. **WY**

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