

# A Complete Bibliography of Publications in *SIAM Journal on Scientific and Statistical Computing*

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## Title word cross-reference

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

1 [EGM84]. 1024 [GMB88]. 2 [Gro80]. 2 - 4  
[AG80].  $2^{31} - 1$  [FM86b, FM86a].  $2 \times 2$   
[PT83].  $A - \lambda B$  [Kåg86].  $A^T Ax = b$  [JA84].  
*D* [RS89].  $\ell_1$   
[BT80, Dax89, MO81, OW85, Wom86].  $\ell_\infty$   
[BJ89, Str86, JB83].  $\epsilon$  [Tan88]. *F* [HR85].  
GMRES(*m*) [TW92]. *h* [HM88].  $h^2$  [Swa87a].  
*hp* [BEM92]. *ILU* [Wit89]. *k* [Nie84].  $\lambda$   
[SW82]. *LU* [GR88, KK92a, GN88, GLN88].  
*M*  
[Cla85, Riv88, Tyl88, CO86, DL92, Ada85].  
*N* [Kat89].  $N = 2^p 3^q 5^r$  [Tem92].  $N \times N$   
[GT90].  $O(N^2)$  [GT90].  $O(n^2 \log n)$   
[ETW92]. *p* [HM88, Yip86].  $P^4$  [ADGR90].  
 $P^5$  [ADGR90]. *QR* [Bis91, Bye86, CH92,

**-algorithm** [Tan88]. **-and** [HM88]. **-body**  
[Kat89]. **-D** [Gro80, EGM84].  
**-decomposition** [Luk86]. **-distribution**  
[HR85]. **-estimates** [Tyl88]. **-estimator**  
[Cla85, CO86]. **-estimators** [Riv88].  
**-factorizations** [CH90a, BH91b].  
**-Matrices** [DL92]. **-matrix** [SW82].  
**-optimal** [RS89]. **-processor** [GMB88].  
**-Step** [Ada85, Nie84]. **-Version** [BEM92].  
**-versions** [HM88].

1 [Hel83].

2 [Bai88, Van83].

4 [DH86].

**82g** [Hel83]. **83h** [Van83].

**Abel** [VG83]. **Absolute** [BS80, Row88]. **Absorbing** [BCJ<sup>+</sup>88]. **Abstractions** [Bad91]. **accelerated** [RS89]. **Accelerating** [JB85]. **acceptance** [Fis90b]. **acceptance-rejection** [Fis90b]. **Accuracy** [Don83, JI92, TW92]. **Accurate** [DK90, DK87, Hym83, Boi81, May85, van86]. **Acoustic** [Wal91, CM87, HP89, SS87, SB87]. **Adams** [Hig89, LP91, WS86]. **Adaptation** [WP90]. **Adapting** [Gro87b]. **Adaptive** [AMO92, Ber86, CR87c, DE91b, For89, KS83, Lar89, Mit92, NPV91, Rip92, SC90, BDS87, CGR88, DF82, Jar86, Liu87a, LO87, Mai86, SK86]. **Addition** [KWF84]. **Additive** [FGS83]. **ADI** [CMD84]. **advantages** [Sco82]. **Aerosol** [WS91]. **AGE** [EY88]. **Aggregation** [Sal90]. **airfoils** [Che83]. **Alefeld** [SW86]. **Algebra** [MP92b, DH86, GJM87]. **Algebraic** [DMM90, Asc89, CP89, Gea88, Pan88, Pet82, PL86]. **Algorithm** [AE87, AEL90, BM90, BG88, Bis91, Bjö84, BS91, Bye86, CF91, Chi88, Dar92, DIR92a, ETW92, Eld84a, Eld84b, GGS87, GN85b, HR90, JP91, Kåg86, LZS91, MS84b, OR89, PA92, SB80, Sim81, SW90, Tem92, Thu90, Ves91, Wom90, AR91, BT80, BRBC83, BBS87, BS89, CC80, CGR88, CO83, CWL83, Cyb80, Dax83, De 89, Dec91, Die85, DS87, ESS86, FG86, Gen82, Gre82, Hea82, IIMPL85, Kel83, KA87, LM85, LPP89, LC84, LPS87, LQ89, MO80, MO81, NW88, OW85, OS91a, RS89, SS86a, Say80, SW86, Ste85, Swe88, Tan88, VG83, Wat83b, YFI89, van87]. **Algorithms** [ADGR90, Boi91, Bon87, CW92, CO86, Dev91, ESS81, Gan90, GS89, GRMM92, KS91, KC90, LN89, MV87, PT83, Sch91, Ser92, VP92, WH85, Wri91, Wri92, BMA86, BI87b, BC83, Bro91, Cha84a, CJ84, CS85c, CKLA87, DH86, EHHR88, GR88,

HJS84, Hig86b, JD89, Le85, Mar86a, Ott89, PR89, SNN87, WS88, ZWS82, dv85]. **allocation** [Cau83]. **alloy** [SAW85]. **almost** [Sch84, Sch85b]. **Alternating** [BW80, Dt90, JSS87, Ehr86, EY88, HL90]. **amplitude** [SKA86]. **Analog** [OP91]. **Analyses** [BC88]. **Analysis** [BW83, BS91, CP92b, DM92, DC92, GH92, HN81, JP91, KPC90, KC90, Lan92, Luk84, Luk85, LQ89, MI91, O'S91b, PLB90, Thu86, Thu90, AP81, AG85, BI87b, Cha91, Cro91, FM86b, FM86a, Fis90b, IIMPL85, MWM87, Man82, Man81, MP85a, MP85b, MP88, Nie87, OW85, PT83, SK85b, WS88]. **Analytic** [Fra90, TW80]. **analytical** [Smo82]. **Analyzing** [HB90]. **Angle** [ETW92]. **Anisotropic** [DC92, Den87]. **Anisotropy** [VE92]. **annihilation** [JB85]. **ANOVA** [Ost89]. **antithetic** [RS87]. **Any** [Tem92]. **Application** [Buk88, ES86, Rei90, SKA86, YL90, YMJ<sup>+</sup>89, CGK86, KMM84, Pet83a, Ros85, dR82]. **Applications** [CH92, OR86, PS91, Utr81a, CS85a, ESS82, HM88, Hig86a, SU88, SK86, YWBJ86]. **Applied** [HR90, de 92, GMMS86, JT87, Kui87, RT91, TW80, dv85]. **Approach** [Cel91, For91, GT90, Cos87, Cro91, GJ82, Lau88, Man81, McK84, PR88, Sal87, Sch84, SB87, Van81, Van83, WRWD84]. **approaching** [DH86]. **Approximate** [Elm89, PK84, Swa87b, CL86]. **Approximating** [Dek83, GO89]. **Approximation** [Can92, Cyb84, DM90a, FGS83, GS92a, Geo91, MLDR88, Par92, Rip92, Web92, van92b, BICM88, BT80, BdL86, CM81, Die86, EL87, Gar82, Kri85, OW85, Rei86, Wom86, van87]. **Approximations** [Let92, Qua90, AD84, Gen82, GO82, Jar86, RRPP88, Sco82, Sho86, SS81b, Wat80, WS87, WH87]. **Arbitrary** [HS90, Ves91, Cos87, DH82, DK87, UW87]. **Arc** [BG87, CK82]. **Arc-length** [CK82]. **Architecture** [BEM92, CS85c].

**architectures** [GR88, Joh87, SNN87]. **arclength** [Cha84b]. **Area** [Par92]. **Area-Minimizing** [Par92]. **Arising** [AG92, WW90, AG85, BC83, CSL85, FM81]. **arithmetic** [GP88a, Sch84]. **Arnoldi** [Bro91]. **array** [KB84, SSS85, Sch86]. **Arrays** [ES86, GS91a, LQ86, Sch92, BI87a, BL85, KLM87]. **artificial** [Dav87]. **Aspects** [DE91b, Seg82, Cau83, GSBB87, Rei86, Wes82]. **Assessment** [KWD85]. **Assignment** [MR92]. **associated** [MTPR87]. **Asymptotic** [AF89, Por91, SU88, CK83, CSL85]. **asymptotic-finite** [CK83]. **Asynchronous** [Mit87]. **atmosphere** [HP89]. **atomic** [JT87]. **Auditing** [BC88]. **Augmented** [IKK91]. **Automated** [O'S88a]. **Automatic** [ES80, Pet83b, PSDH<sup>+</sup>83, Thu86, Vav91, Ren87]. **Auxiliary** [GR85, GHP81]. **Available** [FGR92]. **average** [Hel89]. **Averaged** [EDRW91]. **Averaged-Out** [EDRW91]. **Axially** [Wal91]. **Axisymmetric** [Sch92].

**B** [VBH92]. **B-Splines** [VBH92]. **backward** [SA89]. **Balanced** [HJ89]. **Balancing** [LBD91, War81]. **band** [SS86b, Sco84]. **band-limited** [SS86b]. **Banded** [Arb91, Eld84a, Wri91]. **bar** [TP91]. **Barrodale** [BT80]. **Bartky** [Ros85]. **Based** [BS91, MR92, NSV83, Pug92, RR92, TCK91, BRI84, GO89, HN81, KA87, Sha83, SB85, Sho86]. **Bashforth** [LP91]. **basic** [BRBC83]. **Basis** [Rüd92, SW90, TCK91, BA87, Pet89]. **Bayes** [CP86]. **beams** [BS83]. **Behavior** [Alt88, Fra89, Por91]. **bending** [BS83]. **Best** [FGR92]. **Best-Case** [FGR92]. **beta** [TW80]. **between** [GMT86, van84]. **BI** [van92a]. **BI-CG** [van92a]. **BI-CGSTAB** [van92a]. **bicubic** [Die86, DR86]. **Bidiagonal** [DK90]. **Bidiagonalization** [OS81]. **Bidiagonalization-Regularization** [OS81]. **Bidirectional** [dH84]. **Bifurcation** [GGL<sup>+</sup>88, Kea83, MW85, MI91, Ta'90a, Eil86, Geo81, RD89, SS81b, Web84]. **bifurcations** [AC86]. **Biharmonic** [Hei91, MG92]. **Bilevel** [BM90, HJS92]. **Bilinear** [VE92]. **binary** [SAW85]. **Birkhoff** [Hig91]. **Bisection** [Sim89, Bye88]. **Bit** [Alt88]. **Bit-Wise** [Alt88]. **Bivariate** [AJS90, CF91, ZY92, DH82, DJH80]. **Black** [KC90]. **BLAS3** [GJM87]. **blended** [AH87]. **Blind** [AJ86]. **Block** [AS90, ADNR92, CJ92, CGM85a, CGM85b, DL92, Dub91, JP91, KK92b, OS90, ZP92, ZBS92, Cha84a, KB84, Mer85]. **block-elimination** [Cha84a]. **Block-Partitioning** [ZP92]. **block-tridiagonals** [Mer85]. **blunt** [Che83, SSG<sup>+</sup>82]. **bodies** [Che83, PR86]. **Body** [App85, Löt84, PLB90, Kat89, SSG<sup>+</sup>82, SC80]. **body-fitted** [SC80]. **Boolean** [HJ89, HL90]. **Bordered** [wEC90, ZBS92, Cha84a, CS85a]. **bordering** [BR90, Kel83]. **Bound** [BM90, HJS92, Die85, NW85]. **Boundaries** [CP92a, Mén83]. **Boundary** [AG92, BCJ<sup>+</sup>88, BT82, CW91, Cho80, Cho92, FS91, Geo91, Hag91, RS84, VP92, WP90, Wri92, Ach89, BA87, BK89, BC83, BMxx, BL87, CK83, CP89, DF82, EL87, EY88, FM80, FO84, GKR85, Gre86, GP88b, GO82, Gus88, Lin86a, Mai86, Mar86b, MLDR88, Pru86, SK86, Swa87c, Vel90, Wat80, WS87, Wes84, YWBJ86]. **boundary-condition** [GP88b]. **Bounds** [FGR92, Han86, Row88]. **Boussinesq** [MMM84, Sch92]. **Branch** [BM90, HJS92, Die85, NW85, RD89]. **Branch-and-Bound** [HJS92]. **branches** [Web84]. **Breakpoints** [Por91]. **Breakthrough** [Lan92]. **buoyant** [BRBC83]. **Burgers** [AD84, Dt90, LaV80, Mul90a]. **BVP** [MS84b]. **Calculating** [Cup84, LK87, Geo81]. **Calculation** [DLR91, HK86]. **Calculations**

[Bad91, Toi87, BRBC83, BDG80, GLO81, Pet89]. **Cancellation** [Fle86]. **capacitance** [PW80]. **capillary** [For89]. **Carlo** [BI87b, Fis89, Fis90b, MW90, N'K91, NP86, SP86, SO85]. **Carrier** [HSST92]. **Case** [FGR92, BC89, Smo82]. **Cauchy** [Dar92, VE92]. **Cell** [CL81, Gre91, VPL92, Ves91, CGK86, Gre82, Gre86]. **Cell-Centered** [VPL92]. **Cell-Structured** [Ves91]. **Censored** [Wom86]. **Centered** [VPL92]. **centrifuge** [GWJ84]. **Certain** [FS91, GS81, O'L84, Ser92, ESS82, GMT86, Kiw89, Ort88]. **CG** [van92a]. **CGS** [Son89]. **CGSTAB** [van92a]. **chains** [wEC90, HP84]. **Change** [TCK91, WW90]. **changing** [SB89]. **channel** [RS85]. **Channels** [Gre90]. **characteristic** [BF81]. **Chebyshev** [AMO92, ESS86, Fun88, Kop89]. **chemical** [BDS84]. **Chi** [Knü86]. **Chi-Square** [Knü86]. **choice** [Bun87, CL86, LaV80]. **Choleski** [Gre85]. **Cholesky** [BBVD87, BS91, GHLN88, GS92b, HZ91, Liu87a, SE90]. **Christoffel** [Tre80a, HT90, Tre80b]. **Circle** [Cho92, CGK86]. **circuit** [Dut83]. **circulant** [Cha88, CS89]. **Circular** [BG87]. **clashing** [Gre86]. **Class** [MC90, Eis81, JD89, TSD83]. **Classification** [Lee91]. **clocks** [JT87]. **Closed** [Tor90]. **clustering** [Die85]. **Co** [Cos87]. **Co-monotone** [Cos87]. **Coarse** [Man91, vd82]. **Code** [Gro87b, Duf84a, ES80, Gup85, HS85]. **Codes** [Hig89, WS86, CJ86, GS83, GSBB87, Sha83, SB89]. **Coefficient** [BBH89, CH91, Fre92]. **coefficients** [ABDP81, Den87, LC87, Ser85]. **collinearity** [WRWD84]. **Collocation** [AW84, DM92, FM80, Qua90, AJ89, BK89, BB87b, DR86, Fun88, PK89, Pru86]. **Color** [AJ86, KC90]. **Color-Blind** [AJ86]. **Coloring** [PAF92]. **Column** [DB90]. **Combinations** [DS84]. **combine** [Vel90]. **Combustion** [BW89b, SK86]. **Comment** [Hel83]. **Communication** [HZ91, SNN87]. **Compact** [KS91, PR92, Pug92, Bue86]. **Comparing** [EDRW91, GRMM92]. **Comparison** [AMO92, CP92a, DE91a, HP84, Mon92, ZWS82, Add84, Bro91, CS85b, GHN83, GMT86, KG87, Kui87]. **comparisons** [WS88]. **compartmental** [FM81]. **complement** [Elm89]. **complementarity** [BC83, PR88]. **complete** [SU88]. **Complex** [Dar92, Fre92, BF81, SSJ88, Str86]. **Complexity** [GK88, BR90, BS89, CS85c, GN88]. **complicated** [Kop89]. **component** [Pot85]. **Composite** [HC87, YFI89]. **compositional** [TB89]. **compressible** [BAF86, GLO81]. **Comput** [Hel83, Van83]. **Computation** [Ach89, BGF91, CP92a, DJH80, DL92, Knü86, Kop89, MTPR87, McC90, O'S88a, SS91, SP90, VE92, ESS82, Mel82, Tre80a, Tre80b, Tyl88, Web84]. **Computational** [Cau83, Fra89, HJS84, Kat89, MI91, GJ82, Rei86, SS87]. **Computations** [Kuo86, DK87, Ost89]. **Computed** [Don83]. **Computer** [Bon87, De 89, ES80, UW87]. **computerized** [Gir87, Kru89]. **Computers** [Man91, MMO89, Wom90, vdHS91, Elm89, KB84]. **Computing** [Arb91, CH90a, CH90b, CV86, Fun88, Gay81, GMSW83, GT90, HLPW86, Hig86a, Kåg86, LQ86, MP85a, MP85b, MP88, MS83, Pai86, Pea91, SSJ88, Sco84, SB80, Utr81a, YK86, BRI84, BS89, Cha84b, CWL83, De 89, DH82, HP84, Hig86b, Luk86, MS86, Ste85, SG80, GV87b]. **Condensed** [VV88]. **Condition** [GL81, Hag84, KL91, O'L80, ZWS86, CR83, GP88b, Hig86b]. **conditional** [Dek83]. **Conditioned** [AEL92, CF88, Eld84a, Eld84b]. **Conditions** [BCJ+88, BT82, Hag91, Kri82, RS84, BMxx, Gre86, Gus88, MLDR88, Swa87a, Vel90]. **conduction** [Mur81]. **Conference** [GV87b]. **Confidence** [OR86]. **Conformal** [BG87, Cho92, DE91a, For80, OR89, PK84, Pea91, For84, Gut83, SK85a]. **congruential**

[FM86b, FM86a]. **Conic** [GN85b, LN89]. **conjecture** [Sch85a]. **Conjugate** [Ada85, EOv90, Fre92, Man91, CS89, CGM85a, CGM85b, Eis81, GKR85, Saa85]. **Connected** [PK84, BBK84, For84, GP88b, KLM87]. **Connection** [ZJ91]. **Conquer** [GT90]. **Conservation** [Gil89, Qua90, BC89, CL86, LO87, RT91]. **Conservative** [Lar89, DK87]. **consistent** [Pan88]. **Constant** [CH91, Row88]. **constant-sign-derivative** [Row88]. **Constants** [VE92, BDS84]. **Constrained** [AE87, Bjö84, Gay81, OR86, PR85, Rou80, BH88, BNP88, JB83]. **Constraints** [JJ88, KN80, Liu89, Wor90, Dax89, GKL88, Han86, Mer85, PL86, Str86, WH85]. **constructing** [FB84, GJ82, SB87]. **Construction** [Kre83, Sch84]. **Constructive** [Pea91]. **consumption** [AW80]. **Contact** [Löt84]. **Contamination** [For91]. **contingency** [PT83]. **Continuation** [AC86, BK89, BC86, GKR85, BK86, CK82, CS85a, Fra90, LP91, Sal87]. **Continuation-conjugate** [GKR85]. **Continuity** [HSST92]. **Continuous** [JT87, OZ92, GKL88, McK84, UW87]. **contour** [HR85]. **Control** [For91, Hig91, Mel82, Fis89, LP91]. **Controlled** [Bis91]. **Controlling** [LMPS86]. **controls** [BRI84]. **Convection** [EG92, BRBC83, CMd84, Gar82, RM91, dv89, dv85]. **Convection-Diffusion** [EG92, CMd84, Gar82, RM91, dv89, dv85]. **Convergence** [FM91, Hal81, Hal86, MN87, Bub88, DK85, Har89, Puc89, WS88, dv85]. **convergent** [Le85, Sch84, Sch85b, WS87]. **Converging** [van92a]. **Conversion** [Bun86, PV86]. **Convex** [Joe86, CO83, DJH80, MU88]. **Convolution** [Tor90, HLS85]. **Coordinate** [D'A91]. **coordinates** [SC80]. **Coordinating** [Bad91]. **Core** [ADGR90, Duf84a, Liu87a]. **Correction** [CW91, ten88, BICM88, van86]. **corrections** [vd82]. **correlated** [FJ86]. **Correlation** [MWM87, MO84]. **Corrigendum** [CGM85b]. **Cosine** [SB80, SF88, Ser85]. **Cotes** [Tor90]. **counter** [CR83]. **counter-examples** [CR83]. **Coupled** [N'K91, CSL85, IIMPL85]. **Courant** [Swa87a]. **Courant-like** [Swa87a]. **Covariance** [HP91, OP91, NP83]. **Covering** [ST80]. **Cray** [Bai88, DH86]. **Cray-2** [Bai88]. **creation** [Hal86]. **criteria** [For89]. **Cross** [O'S88b, SU90, Utr87]. **Cross-Validation** [O'S88b, Utr87]. **CS** [LQ86]. **CS-Decomposition** [LQ86]. **cube** [HL90]. **Cubes** [HJ89]. **Cubic** [BC92, Hym83, FB84]. **Curve** [BS80, DIR<sup>+</sup>92b, Geo81, van87]. **Curve-Fitting** [BS80]. **curved** [Buk88]. **Curves** [TA90b]. **Curvilinear** [Kre83, ZY92]. **Cyclic** [AS90, EHHR88, Swa87b, Swe88, TSD83]. **Cyclically** [EG92]. **cylinder** [Lin86b]. **Cylindrical** [HB85].

**D** [EGM84, Gro80]. **Damped** [Man91, Add84]. **DAP** [Gro87b]. **Data** [AJS90, BC88, Ber86, BKK86, CF91, HB90, KN82, Rip92, Utr81b, WS91, ZY92, Asi85, DLR86, ESS81, GKL88, GLN88, JB83, JT87, KWD85, MP85a, MP85b, MP88, McK84, Row88, Ruh80]. **dating** [Dax83]. **Davidson** [MS86]. **decimal** [PV86]. **decision** [CP86]. **decomposable** [PK89]. **Decomposed** [CG90a, GK92b, CR87a, CR87b]. **Decomposition** [BH91a, BW89a, BW89b, BEPP92, BGF91, CW92, CH91, Cup83, FR92, Gan90, GK92a, HS90, KL91, N'K91, Qua90, SW90, Smi92, TCK91, Bar86, CH90a, De 89, GK88, Han90, HN81, Har89, HLPW86, Hig86a, KG87, Luk86, Pai86, Say80, Ste85, LQ86]. **Decompositions** [HI83, HV87]. **decreasing** [MT84a]. **Defect** [Hig89, Hig91]. **Deferred** [CW91]. **Deficiency** [Ng91]. **defined** [Geo81, OS91a]. **Definite**

[AMO92, Bro86, CV86, FG86, SW82].  
**Deflation** [Cha84a, Man91, Ste81].  
**Degeneracy** [Ste84]. **Degree** [Liu89, BS89, Cos87, TE91]. **Delaunay** [Joe86, Let92]. **delay** [BRI84]. **delays** [SNN87]. **Deletion** [GH92]. **Dense** [CG90b, BBK84, DH86, KMM84]. **Density** [O'S88a, MT84a]. **dependencies** [KWD85].  
**Dependent** [Löt84, Mon92, Sch92, BK89, Gus88, KL88, LC87, Swa87c].  
**depolarization** [Cup84]. **Derivation** [OZ92]. **derivative** [AH86, BW80, Fun88, Row88]. **derivatives** [EL87]. **descent** [CO83]. **Description** [Gup85]. **Design** [AKHC<sup>+</sup>92, BI87b, Duf84a, Dut83]. **designs** [ESS82, RS89]. **Detection** [Lee91].  
**determination** [Man81, RD89]. **determine** [BdL86]. **determined** [Han90].  
**determining** [LC87, SS87]. **Deterministic** [DM90a]. **detonation** [Buk88].  
**Development** [GMB88]. **deviation** [Row88]. **Deviations** [BS80]. **Device** [FRB83, HSST92, BRF83]. **Devices** [BW83].  
**Diagnosing** [Sha91]. **Diagonal** [RRPP88, Dax83, FG86, Fos90]. **diagonally** [Zla81]. **Difference** [AE91, MC90, Thu90, VPL92, AD84, BRBC83, BR84, Dav87, GMSW83, KMM84, KL88, MS84a, OS91a, PR86, SSS85, SGMS88, SS81b, Str84, Wat80]. **differenced** [Mul90b]. **Differencing** [DR85, van84].  
**Differential** [Ano89, BMR83, EGJ<sup>+</sup>89, Gea88, Gre91, LNK91, MR92, Pet82, RST92, Tam92a, Tam92b, VP92, Wor91, AP81, Asc89, BD81, Bue86, Cam85, CM81, CP89, DF82, ES80, Gre82, GK88, KG87, KL88, MTPR87, MS84a, Mit87, Pan88, Pet83b, PL86, SC80, Tis89, Var82, VC89, WS84, vd82].  
**Differential-algebraic** [Gea88, Asc89, CP89, Pan88].  
**Differential/algebraic** [Pet82].  
**differentiation** [HR87]. **Diffusion** [DM90a, EG92, Let92, N'K91, ABDP81, CMd84, CSL85, Eil86, Gar82, Hal81, LC84, LC87, MLDR88, RM91, Rei81, SP86, dv89, dv85].  
**diffusion-reaction** [MLDR88]. **Digit** [Ves91]. **Dimensional** [BW83, Dt90, DC92, Fis90a, HSST92, HB90, Let92, Mul90a, Sim81, de 92, AG80, AF88, BR85, Buk88, CS85b, CM87, Den87, Eri85, GJ82, GLO81, Joe89, Kui87, LC84, LC87, Mar86b, Pot85, Smo82, SK86, Swa87c].  
**Dimensions** [NPV91, Vav91, BS89].  
**Diminishing** [CGR86, Shu88, BC89].  
**diminishing-projection** [BC89]. **DINDE** [OP88]. **Direct** [Col85, Duf84b, YK86, BH88, GMT86, HP84, Ost89, PK89, YWBJ86]. **Direction** [Dt90, JSS87, BW80, HL90]. **Dirichlet** [Kuo86, Sch85b]. **Discontinuities** [Lee91, Bub88]. **discontinuous** [ABDP81, Den87, MLDR88]. **Discrete** [Cas91, Dev91, ES86, EG92, Gar82, Hei88, BT80, BJ89, CJ84, Han90, JB83, Kem87, Mel82, Wom86]. **Discretization** [Gre91, SB90, AF89, CGK86, Gre82, Gre86, KL88].  
**Discretizations** [OS81, Shu88, BD81, Boi81, GO82].  
**Discretize** [Vel90]. **Discretized** [KN82].  
**discriminant** [Cro91]. **discrimination** [GJW86]. **dispersion** [KMM84].  
**displacement** [BDG80, Pot85]. **distance** [BBS87, Bye88]. **distances** [CC80].  
**Distributed** [AEL90, PAF92, PR89, EHHR88, GR88, HR88, LC88, LC89].  
**Distributed-Memory** [PAF92, EHHR88, GR88, HR88, LC88, LC89].  
**Distribution** [Hel83, Hel89, Knü86, LR84, Ric80, Bro86, Dek83, DH82, DJH80, HR85, Sho86, Tie83, VG83]. **Distributions** [Bon87, Tor90, HP84, Kem87, UW87].  
**disturbance** [Fis88]. **Divide** [GT90].  
**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].

**Domain-Decomposed**

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

**Dominant** [Cyb84]. **doubling** [IIMPL85].

**Doubly** [PK84, For84].

**Doubly-Connected** [PK84]. **down**

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

**Downstream** [Hag91]. **DSTIFF** [Gup85].

**dual** [Kiw89]. **duct** [BAF86]. **Ducts** [HB85].

**Durbin** [Cyb80]. **dynamic** [MN87].

**Dynamically** [Bad91]. **Dynamics** [BT82, Col82, Col85, PLB90, SP91, GO82, SS81b].

**easily** [MT84a]. **editing** [McK84].

**Editorial** [Gea87]. **Editors** [GV87a].

**educational** [Fle81]. **Effect**

[Wor90, Bub88, SB89]. **effective** [YMJ<sup>+</sup>89].

**Effectively** [CF88]. **Effectiveness** [Ker88].

**effects** [SNN87]. **Efficiency**

[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].

**Eigendecomposition** [CH91].

**eigenproblem** [Lau88]. **Eigenproblems**

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

**Eigenvalue** [IJ90, LZS91, MLJN92, War81, BL85, CK82, CV86, DS87, LPS87, Sch86, Van81, Van83, WG83]. **Eigenvalues** [Arb91, Ach89, MTPR87, MS86, Par84, Sco84].

**eigenvectors** [Sco84]. **elastic**

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

[TP91]. **Elasticity** [Sch91, Smi92].

**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].

**Elongated** [HT90]. **emanating** [RD89].

**empirical** [Ruh80]. **enclosure** [BRBC83].

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

**Engquist** [van84]. **Enhanced**

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

**ensemble** [Joh87]. **Environment**

[WP90, Liu87b]. **environments**

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

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

**equality-constrained** [BNP88]. **Equation**

[Dav81, Mul90a, N'K91, Ser92, van92b, ABDP81, AD84, CJ86, CMd84, Fis88, Gar82, Gea88, Gut83, Hal81, HC83, KP91, KM80, Kui87, LaV80, MMM84, May85, Pet83a, PW80, Sch84, SB87, Smo82, Swa87b, Tis89, VG83, WH87, dv85]. **Equations**

[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].

**equations**

[Str80, Str84, SK85b, Van81, Van83, Var82,

VC89, WS84, YWBJ86, vd82, EGJ<sup>+</sup>89].

**Equidistributing** [KN80].

**Equidistribution** [RR92]. **equilibrium** [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].  
**Following** [HR90, Eil86, Kel83]. **force**  
 [HPW84]. **Forced** [RS84]. **forcing** [Swa87c].  
**Form**  
 [Cup83, Dub91, HSS92, FG86, GN86, TE91].  
**Forms**  
 [VE92, Bro86, Hel83, LR84, Ric80, VV88].  
**formula** [Yip86]. **Formulae**  
 [Roe92, AH87, TSD83]. **formulas**  
 [Add84, KWF84, Sha80, SA89, WS84].  
**forward** [GMSW83]. **forward-difference**  
 [GMSW83]. **foundations** [BS83]. **Fourier**  
 [Cha91, CB90, DM92, DC92, Fra90, Gut83,  
 KC90, LK87, Ott89, Tem91].  
**Fourier-Series** [CB90]. **fourth**  
 [Bue86, SB87]. **fourth-order** [SB87].  
**fractions** [PV86]. **Frank** [Var86].  
**Frederickson** [Dec91]. **Free**  
 [GS91a, BC83, RM91, Wes84].  
**free-Lagrange** [RM91]. **frequencies**  
 [Coc85]. **Frequency** [BH91a]. **Friction**  
 [Löt84]. **frog** [AG80]. **Front**  
 [GMMS86, RT91, Buk88, Mar86b]. **frontal**  
 [Duf84a, Mel88]. **fronts** [Buk88]. **Fully**  
 [N'K91, O'S88a, SK86, BF84, DS87].  
**Function** [CH90b, Dev91, KS91, KL91,  
 Bro86, Le85, Sho86]. **functional** [MTPR87].  
**functional-differential** [MTPR87].  
**Functions** [DS84, PK84, Utr81b, Web92,  
 CO83, DLR86, LM85, LK87, MT84a, OS91a,  
 TW80, Utr87, YFI89]. **Further** [Bri87].  
**Fuzzy** [Cel91].

**Galerkin** [BS83, WS87, dv89]. **gamma**  
 [TW80]. **Gas** [Col82, Col85, MPL83, BDS84,  
 GWJ84, GO82, KMM84]. **Gather** [LS88].  
**Gather/Scatter** [LS88]. **Gauss**  
 [BW87, Dub91, ES88, Fra89, GS91b,  
 KWF84, Mul90b, ST89, Str91]. **Gaussian**  
 [Atk82, BR90, ESS81, GN85a, GN87, LS88].  
**GCV** [GW91]. **GCV/GML** [GW91].  
**Gearlike** [Pea91]. **General** [BS87, Bjö84,  
 BW83, HSS92, Hen86, Kea83, MS84b,  
 TCK92, CS85b, Liu86, Liu87a, Sho86].

**General-Purpose** [BW83].  
**Generalization** [Var86, FJ86].  
**Generalizations** [MS86]. **Generalized**  
 [BGF91, MLJN92, PS91, SU90, Tem92,  
 War81, Wei92, ZY92, Atk82, BW87, LC87,  
 Nie87, Pai86, SS86a, Utr87, Van81, Van83,  
 WRWD84]. **Generating**  
 [Dev91, Gau82, MO84, BMA86, BJ89, Gre85].  
**Generation** [AOU87, Ber86, Cas91, D'A91,  
 MT84b, SC80, ES80, Eri85, UW87].  
**Generators**  
 [Alt88, FM86b, FM86a, Nie84, Nie87].  
**Geodesic** [SP90]. **geodetic** [GMT86].  
**Geometric** [AKHC<sup>+</sup>92]. **gigaflop** [DH86].  
**Given** [Dev91, ZY92]. **Givens'**  
 [BG88, BI87a, GS91a, Liu86, Ost87, PR89].  
**GKS** [Thu86]. **Glimm** [Col82, Gil89].  
**Global** [Ber88, PR88, SB85, Vd85, AF89,  
 LM85, NP86]. **globally**  
 [Sch84, Sch85b, WS87]. **GML** [GW91].  
**GMRES** [Bro91, SS86a, Wal88]. **go** [SS85].  
**Godunov** [Dav88, van84]. **Godunov-Type**  
 [Dav88]. **good** [MMM84]. **Gordon** [HM88].  
**GPST** [LC87]. **grade** [AW80]. **Gradient**  
 [Ada85, EOVS90, Fre92, Man91, CGM85a,  
 CGM85b, Eis81, GKR85, Saa85].  
**Gradient-Type** [Fre92]. **gradients** [CS89].  
**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].  
**Groundwater** [For91, Kui87, MWM87].  
**Group** [MI91, EY88]. **growth**  
 [AW80, LaV80]. **Guide** [Kri82]. **Gummel**  
 [Ker88].

**Hamiltonian** [Bye86]. **Handling** [Ng91].  
**Handscomb** [RS87]. **Hardware**  
 [LS88, MP85b]. **harmonic** [CM87, SK85b].  
**Harmonics** [Cyb84]. **Hartley** [Bun86].  
**Having** [EDRW91]. **Hazard** [O'S88a].

**Heat** [Ser92, Mur81]. **Helmholtz** [KM80]. **Hermite** [DR86, Hig91]. **Hermitian** [AMO92]. **Hessenberg** [Dub91]. **Hessian** [GO89, Var90]. **heterogeneous** [MW90]. **Heuristics** [PAF92]. **Hierarchical** [Rüd92, SW90, GJM87]. **High** [HB90, Lin86a, MS84a, TE91, TW92, van89, Bai88, Boi81, BL87, HR87, May85]. **High-Dimensional** [HB90]. **High-order** [Lin86a, BL87]. **Higher** [YK86, Cam85, Kel83]. **Highly** [GS92b, Tum92, BMxx]. **Hilbert** [MU88]. **Histosplines** [MC89]. **Hodgkin** [SP88]. **homogeneous** [FM81, KL88]. **Homotopy** [DIR<sup>+</sup>92b, LZS91, Wat80, WS87]. **Hopf** [RD89]. **Hopscotch** [Dt90, ten88]. **Hot** [WS83]. **Hot-Electron** [WS83]. **Householder** [BV87a, BV87b, BS91, GN86, PR89, Pug92, SV89, Wal88]. **Householder-Based** [BS91]. **Huber** [BD84, Cla85, CO86, Riv88]. **Huxley** [SP88]. **Hybrid** [BS90, DMM90, CK83, ESS86]. **Hydrodynamical** [HR90]. **Hydrodynamics** [Bic91]. **Hyperbolic** [Thu90, Atk82, ES80, Gro80, Gus88, Kop89, LO87, RT91, SC80]. **Hypercube** [CG90b, HP91, IJ90, MV87, SW92, GMB88, LNK91]. **Hypercubes** [MR92]. **Hypersurfaces** [Par92].

**ICCG** [van82]. **ICL** [Gro87b]. **ICL-DAP** [Gro87b]. **Identification** [O'S91b]. **II** [MP85b, NPV91, PL86]. **III** [AW84, IIMPL85, MP88]. **III** [Eld84a, Eld84b, ES86, OS81, OR86, Han90, Var83]. **Ill-Conditioned** [Eld84a, Eld84b]. **ill-determined** [Han90]. **Ill-Posed** [ES86, OS81, OR86, Han90, Var83]. **ILU** [BH91a]. **Immersed** [CP92a, Mén83]. **Impact** [LS88]. **Implementation** [And92, BEM92, CW91, Sha80, Tan88, Wal88, AJ89, BA87, Eis81, GN85a, GK88, KR88, KG87, Mar86a, NPV91]. **Implementations** [MV87, Ort88].

**implemented** [MT84a]. **Implementing** [DH86]. **implications** [PL86]. **Implicit** [Dt90, N'K91, AH87, BW80, BF84, BC89, Bue86, For89, GO82, KR88, Sha80, Ste81, Zla81]. **implicitly** [Geo81]. **importance** [DR86]. **improve** [dH84]. **Improved** [PS91, dKS82]. **Improvement** [JP91]. **Improving** [Don83, JI92, AG80]. **impulse** [SS87]. **In-Core** [ADGR90]. **In-Place** [Tem91, Bri87]. **Incidences** [DS89]. **Incomplete** [AS90, BF84, CG90a, DC92, JA84, AG88, Cha91, TW80]. **Incompressible** [Hag91, Sch91, ten88, Che83, Mén83, Pet83a, Pet89, van86]. **Indefinite** [CW92, MLJN92, Saa84, dR82]. **index** [Cam85, Gea88, KM80]. **Inequality** [OR86, VE92, Wes84, WH85]. **Inequality-Constrained** [OR86]. **Inexact** [KS91]. **Infinite** [CL81]. **Information** [OP91]. **Inhomogeneous** [Ser92]. **Initial** [DE91b, FS91, GH92, VP92, DF82, MN87, RRPP88, SK86, vd82]. **Initial-Boundary** [FS91, VP92, DF82, SK86]. **initialization** [Pan88, Wat83a]. **Initiation** [MR90]. **inner** [Cyb87]. **insensitive** [Sha83]. **Instability** [CP92a, Cho80, GMMS86, SS85]. **integer** [BS87]. **Integral** [AG92, Can92, Rei90, BB87b, DH82, DJH80, Gut83, VG83, YWB86]. **Integrals** [Geo91, Tor90, Gen82, Ros85]. **integrated** [Dut83, Sni84]. **integrated-circuit** [Dut83]. **Integrating** [VBH92, CM81]. **Integration** [DE91b, FJ86, Hel83, HR85, Ric80, SO85]. **Intel** [LNK91]. **Interactive** [BW83]. **Interface** [CH91]. **interior** [Swa87c]. **Internal** [BW89b, BR84]. **International** [EGJ<sup>+</sup>89]. **Interpolants** [WS86, FB84]. **interpolating** [Cos87]. **Interpolation** [AE87, Bun80, CF91, DS89, DG85, Hig91, Hym83, Pru86, RW90, Rou80, Wah81, ZY92, Eri85, GSBB87, HR87, MU88, TE91, Wah82]. **Interpolatory** [Ren87]. **Interpreting** [Jor87]. **Interval** [PR85, Man81, Sch84, Sch85b]. **Intervals**

[OR86, GMSW83]. **Introduction** [MP92a, MP85a]. **Invariant** [DLR91, DL92, van92b, VV88, van87]. **invariants** [Gea86]. **Inverse** [BKK86, JI92, PS91, AP81, Atk82, CM87, Fun88, HC83, Lau88, LC84, Mur81, Pai84, Sho86, WG83]. **inverses** [WRWD84]. **Inversion** [WS91, Bub88, SS86b, dKS82]. **inverted** [Sco82]. **investigation** [AH86, AH87]. **Inviscid** [Mul90a, GLO81, LaV80]. **involving** [CC80]. **irreducible** [PV86]. **Irregular** [MG92, May85]. **isochrones** [Cup84]. **Issue** [MP92b]. **Iterated** [vdHS91, BB87b]. **Iteration** [JI92, Man91, PS91, AH86, MN87, Ske89, Wes84, dR82]. **Iterative** [AS90, AEL92, AG92, BNP88, CS85a, DIR<sup>+</sup>92b, EG92, GS83, HD92, HSST92, KC90, MP92b, MG92, Mit92, Str80, WW90, CJ86, GMT86, Gut83, HC83, JB85, Kui87, LC84, Ort88]. **Iteratively** [WS88]. **IVPs** [CJ86].

**J** [Hel83, Van83]. **Jaccard** [Wat83b]. **Jacobi** [De 89, HV87, Har89, LP89, Man91, Ste85]. **Jacobi-like** [Ste85]. **Jacobian** [CM81]. **Jacobians** [RST92]. **jet** [SG80]. **Josephson** [van92b].

**Kalman** [VV88]. **kernel** [SSJ88]. **Kernels** [Can92]. **kind** [BB87b]. **kinetics** [BDS84, CSL85]. **Kinney** [Sch85a]. **Knot** [MF92]. **Kronecker** [Kåg86]. **Krylov** [BS90, CJ84, ESS86, GS92a, GK92b, Saa84, Saa89]. **Kutta** [DP89, GSBB87, Hig91, KR88, OT89, OZ92, Sha91, Zla81, vdHS91].

**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<sup>+</sup>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<sup>+</sup>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<sup>+</sup>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<sup>+</sup>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<sup>+</sup>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]. **Nonselfadjoint** [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<sup>+</sup>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<sup>+</sup>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<sup>+</sup>87]. **Ordinary** [Ano89, EGJ<sup>+</sup>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]. **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, EO90, 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<sup>+</sup>92b, DM92, GK92b, KK92b, CJ84, Eis81]. **Preconditioner** [AS90, KK92a, Smi92, TCK91, Cha88, CS89]. **Preconditioners** [CJ92, DC92, TCK92, AG88, Cha91, Elm89, YMJ<sup>+</sup>89]. **Preconditioning** [AMO92, DM90b, EO90,

- 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<sup>+</sup>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, Löt84, 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<sup>+</sup>83, Pru86, RRPP88, SBC91, Sal87, SKA86, Sch86, Sch85b, SW82, Seg82, SK86, SS81b].
- problems** [Var83, WG83, Wat80, WS87, Wes84, dv89].
- problemsize** [PSdH<sup>+</sup>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<sup>+</sup>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].
- radial** [DLR86, Smo82]. **Radiation** [HB85, Kri82]. **Radiative** [N'K91]. **radio** [Coc85]. **Random** [Alt88, AOU87, Dev91, EDRW91, SP88,



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<sup>+</sup>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<sup>+</sup>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]. **Rosseland** [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<sup>+</sup>92, BdL86]. **samples** [Sni84]. **Sampling** [ES88, Cau83, FJ86, MT84a]. **Saunders** [OP91]. **Scalar** [GGL<sup>+</sup>88, BC89, CL86, Gro80, SP86]. **Scale** [FR92, OS81, Toi87, ESS82, GHP81, GMT86, Riv88]. **Scaled** [BI87a, Wor90]. **Scales** [Str91]. **scaling** [DR86, ST89]. **Scatter** [LS88, 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<sup>+</sup>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<sup>+</sup>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<sup>+</sup>92, AG92, CH87, Dav81, DMM90, EGJ<sup>+</sup>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<sup>+</sup>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<sup>+</sup>87, GHP81, GHN83, GHN84, GN85a, GN86, GN87, GN88, GLN88, Hea82, Hea84, LPP89, Liu86, Liu87a, Liu87b, Liu88, Mar86a, MS86, Ost87, Ost89, Par84, YMJ<sup>+</sup>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<sup>+</sup>83]. **States** [EGM84]. **Stationary** [de 92, HP84, NP83].  
**Statist** [Hel83, Van83]. **Statistic** [Bon87]. **statistical** [Hei88, MWM87, Nie87]. **statistics** [Fle81, OP88]. **Steady** [EGM84, GH92, SSG<sup>+</sup>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].

**storage**

[BS87, GHP81, GR85, Mer85, SV89].

**storage-efficient** [SV89]. **strategies** [KF85]. **Strategy** [MR92, Tis89, dH84].**Stratification** [JJ88]. **stratified** [Cau83].**streamfunction** [GP88b].**streamfunction-vorticity** [GP88b]. **Street**[SS81a]. **Strengthened** [VE92]. **strictly**[RT91]. **strongly** [ABDP81]. **Structural**[Bar90, HPW84]. **Structure**

[BH91b, Kåg86, RST92, Cla85, CMR86, GLN88, Kat89, TB89].

**Structure-preserving** [BH91b].**Structured** [AKHC<sup>+</sup>92, Ves91].**Structures** [Ber86, MI91, ESS81].**structuring** [MWM87]. **Studies**[SS85, Eil86]. **Study** [IKK91, MR90, BC89, Che83, CSL85, Mén83, Puc89, Rei81].**Sturm** [Pai84]. **Subcube** [MR92]. **subject**[Dax89]. **subset** [MU88]. **Subsets** [Rip92].**Subspace** [Saa89, CJ84, ESS86, Saa84].**Subspaces** [Kåg86]. **substitute** [Vel90].**Substructured** [OT89]. **subtraction**[TW80]. **Subtree** [MR92].**Subtree-Subcube** [MR92]. **suitable**[Mel88]. **sums** [Ruh80]. **Supercomputers**[GS89, Saa89]. **Superconvergence** [MC90].**supersonic** [SSG<sup>+</sup>82]. **surface**[BdL86, DLR86, SS87]. **Surfaces** [SP90].**Survey** [AKHC<sup>+</sup>92, McK84]. **sustainable**[AW80]. **SVD** [HSS92]. **Symbolic**[GN87, Ost87]. **Symmetric**

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

MI91, Ott89, Wal91, Asc89, BL85, CV86,

DS87, ESS81, FG86, Iye88, LPS87, MT84a,

MS86, Mul90b, SW82, Sco84, WG83].

**symmetric-definite** [SW82]. **Symmetries**[Bri87]. **Symposium** [War84]. **System**

[Bv91, GS81, O'S91b, WW90, AG85, CSL85,

RT91, SC88, Yip86]. **Systems**

[AMO92, AG92, BC86, Boi91, BS92, CF88,

CJ92, CL90, DMM90, FR92, Fre92,

GRMM92, IKK91, LNK91, Qua90, Sal90,

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**

[BF81, BRI84, Jar86, LC87, Mel88, Web84].

**Techniques** [BB87a, KB84, Kea83, NOP85,

RR92, CK82, Cha84a, GK88, KG87].

**tension** [FM80, Ren87]. **Tensor** [SU90].**termination** [LN89]. **terms** [Str80, Var90].**test** [BMA86, BJ89, Gro80, Nie84]. **testing**[Fle81]. **Tests** [MS85]. **Tetrahedral**[Bun80]. **Their** [RR92, KG87]. **Theodorsen**[Gut83]. **theorem** [RS87]. **Theoretical**[CMR86, CP92b, Wes82, Bro91]. **Theory**[JMPW92, MI91]. **Theta** [SP91]. **thick**[KP91]. **Thin** [MF92, Mik91, SS91].**Thin-Plate** [SS91]. **Three**

[CP92a, DC92, Fis90a, HSST92, Joe89, Le85,

Let92, Mon92, Vav91, CR83, CM87, Den87,

Eri85, Kui87, Lin86a]. **Three-Dimensional**

[DC92, Fis90a, HSST92, Let92, Joe89, CM87,

Den87, Eri85, Kui87]. **three-point** [Lin86a].**tidal** [SK85b]. **Time**

[ETW92, Lan92, Löt84, McD86, Mon92,

Sch92, Shu88, Swa87c, VP92, Wom90,

Wor90, AG85, Cam85, CM87, ESS82, GP88a,

GO82, Gus88, Hac81, Hel89, JT87, LBD91,

LC87, Mar86a, NP83, Sch85a, Ser85, VV88].

**Time-Dependent**

[Löt84, Mon92, Sch92, Swa87c, Gus88, LC87].

**time-invariant** [VV88]. **Time-Periodic**[VP92, Hac81]. **Time-Stepping** [Wom90].**time-varying** [Ser85]. **Timing** [PLB90].**Toeplitz** [Arb91, Bun85, Cha88, CS89,

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

KK92b, Lau88]. **tomography**

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