

A Bibliography of *Accuracy and Stability of Numerical Algorithms*, Second Edition

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Abstract

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Title word cross-reference

(A, B) [KP96a].
 $(AR - LB, DR - LE) = (C, F)$ [Kåg94].
 $(YA - DZ, YC - BZ) = (E, F)$ [Chu87]. 1
[IEC94]. 2 [BZ98, Matc]. 27 [Gol67]. 2×2
[Win71]. 3×3 [Lad76]. 8 [Gol67]. $\{a_{ij}\}$
[Asp59]. $a_{ij} = 0$ [Asp59]. $AMD5_K86$
[MLK98]. $AX + XB = C$ [BS72, GNV79].
 $AX + YB = C$ [Zię85]. $AX - XB = C$
[Hig93c, SN91]. $AX - XB = Y$ [BR97].
 $AX - XB^T = C$ [Bye84]. $AX - YB = C$
[BK79]. $Ax = b$ [Har80]. $AXB + CYD = E$

[BK80]. $AXB - CXD = E$ [Chu87].
 $AXB^T + CXD^T = E$ [GWL+92, GLAM92].
 $AXD - BXC = E$ [Ept80]. ℓ^p [Boy74]. ℓ_2
[GV74, Wat91]. H
[ABO88, Neu86, NP84, Pol87]. $I - 2ww^H$
[Wil65b]. $j > i + p$ [Asp59]. l_2 [CP76, Sha85].
 l_p [GS83]. LDL^H [Bar91b]. LDL^T
[FP74, Sun92d, Hig99b]. LU
[ABO88, Bar91b, Cry73, DHS95, ES92,
FNP82, Mat84a, Ste97b]. M [Neu86]. $O(n)$
[Dhi98]. P [Rum02, Hig92a, Yip86]. π
[Bai88a]. $P \leq A \leq Q$ [Har80]. $p \leq b \leq q$
[Har80]. $px = xq$ [Syl84]. QR
[Bar94, Dem89a, Dem90, Gen75, Gul95,
Hig90g, Hig91a, Kar74, Kni95, Ste77b,
Sun91, Zha93a]. sep^{-1} [KP92].
 $TA - BT = C$ [Hea77]. $x * (1/x) \neq 1$
[Ede94b]. $x^{(i+1)} = Px^{(i)} + q$ [AR92].
 $XA + BX + C = 0$ [Mil88b]. $XA - BX = R$
[Dat88]. $\|A^{-1}\|_\infty$ [Var76].

-Decomposition [Kar74].
-Decompositions [Mat84a]. **-Digit** [Gol67].
-Factorization [Cry73]. **-Matrices**
 [ABO88, Neu86, NP84, Pol87]. **-Norm**
 [BZ98, Hig92a]. **-norms** [Rum02]. **-Scaling**
 [GV74, Sha85]. **-Solutions** [CP76].

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 [Kah83, Hew82]. **16** [For60]. **16th** [Gol77].
1900-1920 [Bel31]. **1994-12** [IEC94]. **19th**
 [Gol77].

2-by-2 [Mol74]. **2-Norm** [MAV⁺97]. **2.0.1**
 [Sun92b].

3 [DCDH90b, DCDH90a].

48G [Hew93].

524 [Bre78b].

64 [CHN99].

722 [CC93]. **754** [Hou81]. **754-1985**
 [IEE85].

854-1987 [IEE87]. **860** [HGD90].

90 [Kea96a]. **90-Based** [Bai95]. **90/95**
 [MR99].

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 [Coo90]. **Access** [BRK⁺87]. **Accumulated**
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 Kah94, KC73, Lin74, Sch96, CL79].
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 [BRR85, BRK⁺87, JW86, KL85]. **Activity**
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 [FGP91, FJ98, PP92, She97, SB92]. **Adding**
 [Vit68]. **Addition**
 [FG82, FT86, Møl65b, RK75, RS88, Swe65].
Additions [Syl50]. **Adjoint** [Han97].
Adjugate [Ste98]. **Admissible** [OPW65].
Admits [Mar94]. **Ado** [Kah87a].
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 [Bas02, BL77, BDD⁺02, Bun87, ILA93,
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Algebraic [AL84, Ata40, BCS97, Bye85,
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Algebraicznych [Wil67]. **ALGOL** [Nic70].
Algorithm
 [And99, AL85, Ari00, Bai88a, BF88, BLS91,
 Bai93, BHH93, Bar91a, BS72, BP92, Bur97,
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 CT65, DH89, DK85, DCHH88b, DCDH90b,
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 HT00, JP91, KF63a, KF63b, Kap99, Kar74,
 Kea96a, Lad76, LPW83, LZ92, McK62,
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 Cod88a, CC93, CL83a, For60, Hig88c].
Algorithmen [Spi76]. **Algorithmic**
 [CdB80]. **Algorithms**
 [AL86, AL84, BDG97, BR77, BG76, BL80,

BP94b, BE73a, BKO94, Bre70a, Bre70b, Bun87, BDV89, CGL83, CF92, Csa76, DGKS76, DH92, DL94, DDR95, DGK84, Fis74, GPS90, GL91, GM74, Gre94, GK69, GA96, Gus97, HHKR93, HLB01, Hig86b, Hig87b, Hig90h, Hig99a, Hig02, HJ88, Hof89b, Hul82, KP92, KP96a, KP96b, Kah73, KW00, KLP92, Knu97, Knu98, Kre76, KW92, LPS92, LS80, LO82, Lu95, Mal72, Mat96, Mil88a, MW80, Pan78, Pan01, Par00, Par71, Pow75, Pow98, Pri91, Pry85, Row90, Rus98, Sch88, Sed88, Smo95, Ste01, Stu80, Stu81, Tan91, Tor97, Tsa83, Vit68, Woz80, Yal95, Mul97]. **Almost** [Yal00]. **AMD** [Rus98]. **AMD-K7** [Rus98]. **Analyses** [CPS96, CPS97, CP01, Kah96a, Mei83, Wil74a]. **Analysis** [Abd71, AGP97, AM94, And71, AL85, AL86, Bab69, Bar81b, BB85b, Bar88, Bar91a, Bar91c, Bel70, Bha97, Bjö87, Bjö91, BBG92, dBP77, Bre70b, BC86, BT92, Bun71a, But87, Car59, CF92, CH94, CdB80, Dem87b, Eir93, Fox78, Gas83, Gen69, Gen75, Gol77, Gul95, Hen64, Hig87b, Hig90a, Hig90h, HK93a, HK00, Hil74, HJ85, HJ91, Hou64, IK66, JP91, JO74, Kåg94, Kah72, Kah91, Kie87, Kni93, Kör88, Lan66, Lan56, LS80, LPW83, Lin74, Man81, Mat96, Mil75b, Mil76, MW80, MS78b, MS78a, MM83b, Moo66, Moo79, Mü183, NP92, Neu85, NP84, New73, New74, Nic77, O`C93, Oli77, Olv83, Ort63, Ort72, Pai73, Par71, Par90, Pry81, Pry85, Ram71, Row90, Sau78, Sca50, SB94, Sma90, Smi75, Sor85, Ste71, SB80, Sto77, Stu80]. **Analysis** [Stu85b, Stu85c, Swe65, Tan91, TZ01, Tre92a, Tsa83, VA86, Wen66, vW66, Wil60, Wil61, Wil62, Wil65b, Wil68, Wil71a, Wil85, Wil86, Woz80, YC97, Zha93a, Ziv82, Woz78, CGL83]. **Analyst** [Wil71b]. **André** [Bre96]. **Andrew** [CK84]. **Anecdotes** [Tro84a]. **Angles** [Kah97]. **Annotated** [NR76]. **Annual** [Ede91b]. **Anomalies** [KL85]. **Anomalous** [Ben38]. **ANSI** [IEE85]. **ANSI/IEEE** [IEE85]. **Answers** [Fox71]. **Application** [Boy94, Ept80, HT00, PV74, Ste80, Tur36, Ben24, Ben24, CB90].

Applications [AB79, ABD92, BS68, BBG92, CH92a, Dat88, Fer95, GDD94, HSS99, Hig86a, Hig88c, Hig89b, Hod92, Hou81, MN79, MN99, MD64, MP77, Moo79, NR76, PS91, Ral81, vR01, Smi65, TG81, Tyr91, Dah83, Kie73]. **Applied** [Bar89, CH94, Dem97, Lan56, Par64]. **Applying** [PR69]. **Appraisal** [Lon67]. **Approach** [ADdR89, CdB80, DEL00, HP96, Jan97, KM83, KM86, LS80, Man81, Olv78, Tsa83]. **Approche** [Bru89]. **Approximants** [Hig01]. **Approximate** [Kov76, Kup71, OP64, Ziv95]. **Approximating** [CHKL01]. **Approximation** [ADW84, EY36, KW00, Lás94, Rei91, Sch83, Tre90].

Approximations [BP67, BBB89, FB91, Fik67, Hun97, SR80]. **Arabia** [Uni92]. **Arbitrary** [Pri91]. **Architecture** [FJ98, HP96, HJ88]. **Architectures** [JP94]. **Area** [Kah97]. **Argument** [Fer95]. **Arguments** [Var76]. **Arising** [FGS96, GMPS92, Mat84a, PW71, Rut47, Rut52, Var72]. **Arithmetic** [AB79, BSBF89, Bar81a, BB85b, BB85a, BRR85, BHY80, Bre78b, Bre78a, Bro81, Car59, COT89, CLP01, Cod73, CCG+84, CC93, CHH83, CW87, CHN99, Dem87b, Dem91, DDR95, Fro01, Gar76, GM74, Gol91, Gre94, IEE81, Hen80, HLB01, Hig91b, HK95, Hou81, JW85, JW86, Kah80, Kah81, Kah87b, Kah90, Kah96b, Kie81, KM81, KM86, IEC94, Mal72, MK85, Met77, Mil88a, Olv78, Olv83, Olv86, Ove01, Par00, Pla88, Pri91, Rum99a, Sch81, She97, Smi91, Smi98, Stu81, Stu82, Swa80, Tan89, Tan90b, Tan92, Tie70, Tis01, Tur91, VCV01a, VCV01b, Wil97, Wil63a, Yoh79b, Yoh80, IEE85, IEE87].

Arithmetics [Bar81b, Cra79, Pri92, SS84, Yoh79a]. **Arithmétique** [Pic72, PV74, Mul89]. **Arrays** [BI87, HSS99]. **Art**

- [PTVF92, Wil85]. **Articles** [Syl50]. **Aspects** [Bar88, Eir93, Mui82, Pai90, Ruh83]. **Assertions** [BGM⁺94]. **Associated** [Jor68, Kni93, NP84, Ste73a, Tra66]. **Asymptotic** [BW93, Gau53]. **ATLAS** [WPD01]. **Attainable** [Bre73, Gre97a, Lás94]. **Attained** [SW98]. **AUGMENT** [BHY80]. **Augmented** [ADdR89, Bjö92, BP94c]. **Ausgleichung** [Läu61]. **Automata** [KO63]. **Automated** [WPD01]. **Automatic** [BBG92, CR72, Gil51, Gus97, Iri91, Lan01, LK76, Ral81, Sto77, Har46, Tur45, Wil48a, Wil48b]. **Available** [Dek71]. **Average** [TZ01, TS90, WWWS86]. **Average-Case** [TS90]. **Award** [ACM87].
- Babuskasche** [Nic70]. **Backward** [AGP97, AM94, ADD89, BGM⁺94, dBP77, CI94, CH99b, CH99c, Eir93, Fox78, GL95a, Gu98, Gul95, HH92a, Hig93c, KF63a, KW97, Mal01, MS02, NP84, Sun95a, Sun96, Sun97, SS97, Sun98, WKS95]. **Ball** [Tao84b]. **Banach** [Ost73]. **Band** [Boh75]. **Banded** [BW93, JP93]. **Base** [Mat70]. **Based** [Bai95, CH98a, Lin92, Pug92, Wil62, Wil65b]. **Bases** [ABCR93]. **Basic** [AvL81, DCHH88b, DCDH90b, DCHH88a, DCDH90a, LHKK79, Tod77, Bas02, BDD⁺02, HHKR93, VCV01a]. **Basis** [Bur97, SB95]. **Basis-Kernel** [SB95]. **Be** [Bus68, For53, Kah90]. **Became** [Tau88]. **Beeblebrox's** [Gra92]. **Before** [Coo94]. **Behavior** [Gre89, GS92, HK93b]. **Behaviour** [Gau53, HW76, vdV90]. **Beitrag** [Hil94]. **Benchmark** [Kar85]. **Benchmarks** [Kah94]. **Berechnung** [Sch33]. **Best** [FS55, GV74, Lás94, MAV⁺97, RS88, Sau78, Sto62]. **Better** [GA96]. **Between** [KP96b, Syl51]. **Beyond** [CO84]. **Bibliography** [NR76]. **Bidiagonal** [DK90, Fal01]. **Bifurcations** [Gov00]. **Billion** [BBB89]. **Binary** [Buc59, CC93, CHN99, Gay90, IEE81, Kah96b, Pax91, SS84, IEE85]. **Binary-Decimal** [Gay90]. **Bisection** [Bye88, DDR95]. **Bisection-Like** [DDR95]. **Bisectors** [Par71]. **Bit** [Kah87a, Ziv91, Tro84b]. **Bits** [Gol67]. **Björck** [Hig87b]. **Björck-Pereyra** [Hig87b]. **BLAS** [BDD⁺02, DH92, DHSS94, Hig90e, LDB⁺00]. **BLAST** [Bas02]. **Bledy** [Wil67]. **Block** [CH01a, CH01b, CGM85, Dem83, DH92, DHS95, ES92, FV62, GP90, Hig99b, HT00, JP91, KP92, Mat84a, Mat84b, Meu92, Pol87, Sch88, SP88, Sha85, TG81, Var72]. **Block-ES92**. **Block-Tridiagonal** [Var72]. **Blocking** [Gus97]. **Blocks** [BD93b, BBC⁺94]. **Blockwise** [Pol87]. **Boeing** [DGL92]. **Book** [For70, Wol99]. **bordered** [GP90]. **Borweins'** [Bai88a]. **Bound** [Lás94, MAV⁺97, Tao84a, Var75]. **Boundary** [BR77, CH94]. **Bounding** [Hig90b, IK00, Var76]. **Boundless** [Ske89]. **Bounds** [Bar91b, Bar94, Bjö91, Boh75, CG67, CR79, CH99b, DH93, DDM01, GL95b, Gol62, Gu98, Hen62a, Hig90c, HT01, Jen82, KW97, Kit95, Lem75, Mal01, MS02, OP64, OW82, Olv86, Peñ96, SW98, Sha91, Ste73a, Ste77b, Sun91, Sun92c, Sun92d, Sun95b, Sun96, Sun97, SS97, Sun98, WKS95, Ziv95]. **Brain** [Gra92]. **Branch** [Kah87a]. **Brent's** [BHY80]. **Brief** [AM87]. **British** [WCK89, Lav80]. **Buckley's** [IK00]. **Buffon** [WT94]. **Bug** [Ede97]. **Bugs** [Gla95]. **Building** [BBC⁺94]. **Built** [Lav80]. **Bunch** [JP93]. **BVP** [Mat84a]. **Byte** [Buc81].
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Sch84, Sev98, SB94, She97, Smi91, SW90, Ste74a, Stu82, Swe65, Tan89, Tan90b, Tan92, Tie70, Tis01, VCV01a, VCV01b, Vit68, Wal90, Wic89, Wic92, Wil60, Wil63a, NAG86, IEE85, IEE87]. **Floating-Point** [And99, Bar89, Bre73, Bro81, Cod73, CCG⁺84, Cod88b, CC93, CHN99, Dek71, Esp95, Far88b, Fat82, FT86, Gol91, GFB85, Hau96, Hou81, JSW83, KP79, Kah81, Kah87b, Kah96b, Kar85, Lin74, Lin75, Lin81, Lin70, Mal71, Mal72, MI81, Mat70, MLK98, Pla88, RK75, RS88, Sch81, Sch84, Sev98, She97, Smi91, SW90, Ste74a, Stu82, Swe65, Tan89, Tan90b, Tan92, Tie70, VCV01a, VCV01b, Wal90, Wil60, Wil63a, NAG86, IEE85, IEE87, Boh77]. **Flottante** [Pic72]. **Flushes** [Gla95]. **Form** [Aas71, AR92, BD93b, Doy57, GM73, GW76, KL88, MH57, Tao84b, Tho42, Wil65b]. **Formal** [Bar89, dJ77, Wic89]. **Formalization** [Mat70]. **Formula** [Har72, Yip86]. **Fortran** [Kea96a, MR99, Bai93, BRK⁺87, CL83a, GWL⁺92, Hig88c, PTVF92, Smi91, Tro84a, Sun92a, Sun92b, Bai95, Blu78, Bre78b, Bre78a, CGT92, DCHH88b, DCHH88a, DS94, DR82, GMSW86, Kub91, LHKK79, MD64, Mol2a, DR95]. **FORTRAN-77** [GWL⁺92]. **Fortran-90** [DS94]. **Forum** [Bas02]. **Forward** [KF63b, Stu85b, Stu85c]. **Foundations** [Sma90]. **Fourier** [Kör88, Van92, Boy94, BH95, CT65, GS66, Gen69, New73, Oli77, Ram71, Sch96]. **FPV** [NAG86]. **Fractals** [PJS92]. **Fractions** [Bla64, JT74]. **Framework** [Ari00]. **Frameworks** [Van92]. **Free** [BDG97, MI81, Tsa83, WSW72]. **Frequency** [New81]. **Fun** [GS66]. **Function** [Bye87, Cod82, Fik67, NM65, Rob80, Sch83, Tan89, Tan90b, Tan92]. **Functional** [Row90]. **Functions** [Boh77, CW80, Cod93, FB91, Fik68, HFT94, Kah87a, KL94, LM01, Mul97, Smi98, Syl51, Tan90a, Tan91, Ziv91, Hew82, CC93].

Fundamental [Knu97, BP94b]. **Further** [Fis74, Kah65, Tur84]. **Future** [BSBF89].

Gained [Coo90]. **Gateway** [ETxx]. **Gauss** [For51, AM87, BR71a, DH89, Ham87b, Mal00, PW75, Sau78, Ste95]. **Gaussian** [Fos94, Str69, Vav89, BB85b, BZ98, Boh75, Bus71, CG85, Coh74, Cry68, CR72, DK77, Dax82, DP88, Ede92a, Fos97, GIK02, Gou91, HH89, Hig90b, Hig90f, IK00, Kos92, LD98, Mac89, MRW01, NP92, OW82, Rei71, Ske79, Ske80, Sor85, Ste74b, Ste95, Ste97c, Stu82, Stu85b, Stu85c, Stu85a, Tor65, Tre85, TS90, Wri93, YC97, van77]. **GEMMW** [DHSS94]. **Genauigkeitsfragen** [Bau66]. **General** [But87, GMSW91, Ham87b, Hym57, KL94]. **Generality** [PW94]. **Generalizations** [FV62]. **Generalized** [ABD92, AL84, BD93a, Bar94, CM79, FNP82, GIK02, KW89, Käg94, KP96b, Lu95, MN89, NR76, Pai90, PS91, Pen98b, SS74, Ste92, Tis01, Zie86]. **Generalizing** [CCV82]. **Generated** [BR71b]. **Generation** [AOU87, DH00, DM89, Ste80]. **Genius** [Dun90]. **Geometric** [Hof89a, KFC⁺01, Mil88a, NP92, She97]. **Gerling** [For51]. **Gerschgorin** [FV62]. **Get** [Fos71]. **Given** [OP64, RG67]. **Givens** [BI87, Gen73, Gen75, Ham74, Rat82]. **Gleanings** [Mat24]. **Gleichungssysteme** [Bau66]. **gleitendem** [SB53]. **GMRES** [DGRS95]. **Goertzel** [Gen69]. **Gradient** [Ari00, CN96, CGM85, Gre89, GS92, Gre94, Woź80]. **Gradients** [Not93]. **Graduate** [ILA93]. **Gram** [Abd71, Bjö67b, BP92, Bjö94, DGKS76, Hof89b, JP91, Ric66a, Ruh83]. **Graph** [Mil76]. **Graphs** [Bau74, Yal95]. **Great** [Dun90]. **Greedy** [Bur97]. **Grooks** [Hei92]. **Growth** [BZ98, DP88, Fos97, FS80, GIK02, Gou91, HH89, IK00, Jor68, Tho42]. **Guaranteed** [GAKK93]. **Guide** [ABB⁺99, BBD⁺01, BCC⁺97, DBMS79, DGL92, GBDM77, GMSW86, HH00, IBM88,

SBD⁺76, NAG86, Hew93, Matc, Sun92a, Sun92b].

H [Far87, Par90, Eva76]. **Hadamard** [Wal93, Bir75, EM95a, WSW72]. **Halmos** [EG91, Alb91]. **Hand** [HH92b, OP64, Sun96]. **Handbook** [Hig98b, Wes68, Hew82]. **Handling** [DL94, Hau96, Hul82, HFT94]. **Hankel** [Bec00]. **Hard** [PR93]. **Hardness** [Roh95]. **Hardware** [Par00, PH98]. **Hardware/Software** [PH98]. **Hardy** [Fox87]. **Harwell** [DGL92]. **Haugeland** [Kah73]. **Heat** [Dou59]. **Hermitian** [BDDD97, Mat92, Sun95a]. **Hessenberg** [CS86, GNV79, Ike79]. **Hessenberg-Like** [CS86]. **Heterogeneous** [BCP⁺97]. **High** [Bai88b, BF88, BMvN46, DDK92, DGE⁺99, DDSvdV98, EGK90, Fat82, GS90, GvN51, JW86, JP94, KM97, vNG47, BRR85]. **High-Accuracy** [JW86, BRR85]. **High-Level** [Fat82]. **High-Order** [EGK90]. **High-Performance** [DDSvdV98, JP94]. **High-Precision** [KM97]. **High-Speed** [BF88]. **Higham** [GIK02]. **Highly** [APS93, Per02]. **Hilbert** [Cho83, Pow86, SL54, Tau49, Tod54, Tod61]. **Historical** [You89, Ypm95]. **History** [AM87, Bel31, Boy89, Gol77, HPS83, Iri91, PW94, Ste93a, Woo58]. **Hodges** [CK84]. **Homotopy** [LZ92]. **Homotopy-Determinant** [LZ92]. **Horner's** [Mül83]. **Hough** [Kah73]. **Hough's** [Sch89]. **Householder** [BV87, BG67, BG65, CH98b, PR69, Pug92, SV89, Tsa75]. **Householder's** [Dan76, Ort63]. **HP** [Kah83, Hew82, Hew93]. **HP-15C** [Kah83, Hew82]. **Hundred** [Ove01]. **Hurts** [Kah90]. **Hyman's** [War76].

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Rus98, Tan89, Tan90b, Tan92, IEE85, IEE87]. **II** [Bjö68, GvN51, HW91, MS78a, NP92, Rut52, Ste01, Stu85c, Tha61, VCV01b]. **III** [Gau78]. **III** [Dem87a, DK88, FGS96, GW76, Men56, Rhe76, Rum99b]. **III-Conditioned** [FGS96, GW76, Rum99b]. **III-Conditioning** [Rhe76]. **III-Posed** [Dem87a, DK88]. **ILLIAC** [Sny55]. **Imaginary** [Hig98a]. **Implementation** [Bar88, Cap71, CH01a, CH01b, Cod82, DCHH88b, DCDH90b, Kah73, LDB⁺00, Mul97, Tan89, Tan90b, Tan92]. **Implementations** [Mil88a]. **Implementing** [DGK84, HFT94, Tsa75, Yoh79a]. **Implications** [Fat82, Mol90b]. **Implicit** [Ept80, Rei00]. **Implies** [JW77, Ske80]. **Importance** [Bau63a]. **Impossible** [Mol90a]. **Improbability** [Kah96a]. **Improved** [DH93, PS91]. **Improvement** [DW84, JP91, Sny55]. **Improving** [Dum98, Lin74, Wal90]. **In-and-Out** [Mat68]. **Inaccuracy** [DW84]. **Inaccurate** [CR79, Kov76, Oet65]. **Including** [Ove01]. **Incomplete** [Pol87]. **inconnues** [Ben24]. **Inconsistent** [Zię85]. **Incremental** [Bis90, BLP90]. **Indefinite** [AGL98, BG76, BP71, CH98a, Che98, DRMN79, DGR⁺91, Fle76, GMPS92, JP93, JP94, SvdVM00, DR95]. **Independent** [CCG⁺84, IEC94, VCV01a, VCV01b, vW66, IEE87]. **Index** [COT89]. **Inequalities** [FH55, HLP52, Mat92]. **Inertia** [BK77, Che98, GMSW91]. **Inertia-Controlling** [GMSW91]. **Inexact** [DES82]. **inférieur** [Ben24]. **Influence** [Ede93b, Ede94a]. **Information** [IEC94]. **Initial** [Enr89]. **Inner** [Neu85, Win68]. **Instability** [Mat95b, TT87]. **Instrumentation** [BBG92]. **Integer** [IEC94]. **Integral** [ABCR93]. **Integration** [DR84, Gil51, QTD91]. **Integrations** [Qui94, QT90]. **Intel** [HGD90, Kah83, Mar94]. **Intelligence** [Inc92]. **Interesting** [For53]. **Interface**

- [BHY80, PH98]. **Interior** [FGS96, Wri92, Wri97]. **Interior-Point** [Wri97]. **Interpolating** [ADW84]. **Interpolation** [EGK90, KF63a, KF63b, Rei90, Smi65, Wer84]. **INTerval** [Rum99c, AH83, DK85, Fro01, Kah80, Kea96a, Kea96b, Man81, Moo66, Moo79, Nic77, Roh89b, Rum99a, Yoh79b, Yoh80]. **Interval-Analysis** [Nic77]. **INTERVAL ARITHMETIC** [Kea96a]. **Interview** [Eva76, Sev98]. **Interviews** [Alb91]. **INTLAB** [Rum99c]. **Introduction** [AH83, Bel70, Fox64, Hil74, Mir61, PJS92, Ste73b, SB80, Str93, TA32, SA73, Kea96b]. **Introductory** [COT89, IEE81]. **Invariants** [Tur29]. **Inverse** [BDG97, Coh75, HS81a, HP94b, Meu92, PS91, SL54, SS74]. **Inverses** [Asp59, Caf63, CM79, CS86, Dia78, Gau62, Gau75, Gau78, Hen62a, Ike79, NR76, NP84, PW70, Ste77a, Wed73, Zie86]. **Inversion** [BF88, BHH93, BR71a, CR93, CLP01, CH92b, Csa76, Doy57, GO94, Mit48, NT58, QQSvdG01, Wes68, Wil61]. **Inverting** [BE73b, GvN51, MH57, vNG47]. **Involving** [CR93, Gau83, Hig88b]. **iPSC** [HGD90]. **iPSC/860** [HGD90]. **Isaac** [Whi97]. **Isn't** [For70]. **ISO** [IEC94]. **ISO/IEC** [IEC94]. **Isotropic** [BG79]. **Iterates** [Hen62a]. **Iteration** [Dia78, DG94, HK93b, Kel65, Kni93, McK62, PS91, PBRZ99, Zaw91]. **Iterations** [Hig97c, Woź78]. **Iterative** [AR92, ADR92, Axe94, BNP88, BBC⁺94, BR71b, BG67, Bjö67a, Bjö68, Bjö78, Bjö90a, Dax90, Des63, Gre97b, Gul94, HW76, Hig90g, Hig91a, HK93a, Hig97a, Hof89b, JW77, Kel95, Kel99, Kie81, MPW66, MP77, Mil88b, Mol67, Ske80, SS84, SS74, Tis01, Wac88, Wil55, You71, You89, GW66, GP90, Sch33].
- J** [Alb91, Eva76]. **J.** [Par90]. **Jacobi** [Mat95a]. **James** [Syl04, Ano87, Fox87]. **Jim** [Fox78]. **John** [Tau63]. **Jordan** [AM87, BR71a, DH89, GW76, Läu61, Loi69, Mal00, PW75]. **Jordan-Elimination** [Läu61]. **Joseph** [Syl04]. **Journey** [Dun90].
- K7** [Rus98]. **Kahan** [Sev98, Nic70, Woe97]. **Kahan-Babuskasche** [Nic70]. **Kaufman** [JP93]. **Kernel** [SB95]. **Kind** [ABCR93]. **kleinsten** [Läu61]. **Know** [Gol91]. **Known** [Lin74]. **Komma** [SB53]. **Kreiss** [WT94]. **Kronecker** [HS81b, HPS83]. **Krylov** [HR92, Bec00, HS95, SvdVM00]. **Kutta** [But87].
- L.S.D.** [Tur84]. **LABoratory** [Rum99c, CK81, HGD90, Wil48a, Wil80, Woo58]. **Lagrange** [Wer84]. **Laguerre's** [Par64]. **L'analyse** [Bru89]. **LANCELOT** [CGT92]. **Lanczos** [Coo94, FGP91, Gre89, GS92, Gre94, KW92]. **Language** [Fat82, HC88, IEC94, KKN⁺92]. **Languages** [Kah01]. **LAPACK** [ABB⁺99, CH01a, Hig97a, KP96b]. **LAPACK-Style** [KP96b]. **LAPACK95** [BBD⁺01]. **Large** [Ata40, CGT92, Ede91b, Ede93b, ES92, Gem86, GL81a, Hea84, HH89, MS02, MH57, Sau72, Woź77b, You71, Har48, Woź78]. **Large-Scale** [CGT92, ES92, Sau72, Har48]. **Largest** [KW92]. **Last** [Whi97, Ziv91]. **Latent** [Wil55]. **Law** [Ben38]. **LCAS** [Kah91]. **Leading** [Peñ96, Peñ98a, Tur82]. **Leads** [Gus97]. **Least** [Abd71, ADdR89, BI87, Bar88, BNP88, BV92a, BG67, Bjö67a, Bjö67b, Bjö68, Bjö78, Bjö87, Bjö90b, Bjö91, Bjö96, BG65, Cli73, CH98b, CH99a, CH99b, CH99c, DW93, Eld80, Far88a, Gau95, Gen73, GS90, Gol65, GDD94, Gu98, GW92, Gul94, Gul95, Hea84, HV97, Jan97, JO74, Jor68, Kar74, KW97, KLR98a, LH95, Van85, Lon67, MS02, Man81, PW70, Ple74, PR69, Rei91, Rei00, Sau78, vdS75, Ste77a, Sun96, Sun97, WKS95, Wei90, GW66]. **Least-Change** [DW93]. **Least-Squares** [ADdR89, Bjö78, Jan97, Jor68, Van85, Sun96]. **Lecture** [Kah73, Kah96b]. **Lectures** [CCF96, Wed34, ACM87]. **Led**

[Uni92]. **Legendre'schen** [Hil94]. **Leja** [Rei90]. **Length** [CCG⁺84, Tie70]. **Leur** [Bru89]. **Level** [COT89, DH92, DHSS94, Fat82, Hig90e, DCDH90b, DCDH90a]. **Level-3** [DH92]. **Level-Index** [COT89]. **Libraries** [DDK92]. **Library** [CGG⁺91, FHS78, GB91, IBM88, Inc89, KKL⁺93]. **Life** [Far87]. **Like** [ABCR93, Bar91c, CR93, CS86, DDR95, Gau83, Kah97, Lu96, Rei91, BH92, Hig88b, Hig90h, Ypm83a, Ypm83b]. **linéaires** [Ben24]. **Linear** [Abd71, AL85, AL86, ADD89, AR92, AGL98, Ata40, Bas02, BLS91, BP67, BMvN46, BI87, BBC⁺94, BSD60, BG76, BG67, Bjö67a, Bjö67b, Bjö68, Bjö87, Bjö91, BP94c, BDD⁺02, Bol84, dBP77, BMPW66, BP71, BK77, Bun87, BDV89, BG65, But87, CM79, CF88, CI95, CG67, Che98, Cli73, CP76, ILA93, CR79, Cro41, Dax90, DK85, Dem92b, Dem97, DGK84, DDSvdV98, DCHH88b, DCDH90b, DCHH88a, DCDH90a, Don01, DRMN79, DR82, Dwy51, Ede91b, Ede93b, Ede94a, Eld80, ES92, Fad59, Far88a, For53, FM67, For67, FHW48, Fox64, GPS90, Gas83, GS90, GAKK93, Gol65, GV79, Gre97b, Gu98, GEJ95, GW92, Gul94, Gul95, Gus97, HW76, Ham87b, Han97, Hea84, HS87, Hig90g, Hig91a, HH92a, HH92b, Hig94b, Hig97a, Hig99a, Hof87, Jor68, Kah66, KW00]. **Linear** [Kar74, KW97, Kat76, Kel65, Kel95, KLR98b, KLR98a, Kie81, Kov76, Kup71, Lan70, Lan01, LHKK79, LYK89, Lu94, Lu95, MP74, MS02, Man81, Mat92, MN89, Men56, MP77, Mir61, Mol78, NP84, OP64, OPW65, Oet65, Peñ96, Ple74, PR69, Rei00, RG67, Rob80, Roh89a, Roh89b, Roh95, Sau72, SvdVM00, vdS70, vdS75, Smo95, Sny55, Ste77a, Str93, Sun96, Sun97, Tra66, Tre90, TB97, Ver49, WKS95, WWWS86, Wes68, Wil54a, WR71, Wil74a, Wil74b, Woz77b, Yip86, You71, Zie88, Zie85, DR95, GP90, Woz78, Mol2b, vR01]. **Linear-Algebra** [Gus97]. **Linear-Time** [KW00]. **Lineare** [KS88]. **linearer** [Bau66]. **Linearly** [Syl51]. **Lines** [RT92a]. **Liniowa** [KS92]. **LINPACK** [Bye84, CCV82, DBMS79, Ste77c]. **LINPACK-Style** [Bye84]. **Local** [DW84]. **Locality** [Tol97]. **Logarithm** [CHKL01, Hig01, SA75, Tan90a, Tan90b]. **Logarithmic** [BB85b, BB85a]. **Logic** [Gla95]. **Logiciels** [Bru89]. **Long** [Qui94, QT90]. **Long-Term** [Qui94, QT90]. **Look** [BRB76]. **Lookup** [Tan91]. **Loss** [BP92, FG82, FT86]. **Lösung** [Bau66]. **Louis** [Bre96]. **Low** [Cap71, LRWW98]. **Lower** [EY36, Lás94, Var75]. **LR** [Rut58]. **LR-Transformation** [Rut58]. **LSS** [Mal01]. **LU** [CP98, DEL00, Mat84b, Pan00, Ste93b, Tol97]. **LU-Decompositions** [Mat84b]. **Lyapunov** [BS68, BN87, GLKH90, GL95b, Ham82, HK88, HS95, Hod92, Pen98b, Wac88]. **M** [Bod49, Bri92, CD86, Inc92]. **M.** [Far87]. **MA27** [DR82]. **MA47** [DR95]. **MACHAR** [Cod88a]. **Machine** [Ata40, Bow53, Cod88a, CT65, DGK84, Gil51, BHH93]. **Machinery** [Har48]. **Machines** [DT91, Sch88, Tor89]. **Macintosh** [Com94]. **Made** [Act96]. **Magnetic** [BSD60]. **Magnetic-Tape** [BSD60]. **Mail** [DG87]. **majorants** [Dah83]. **Making** [LD98, SW89]. **Man** [Sev98]. **Manifestations** [Cot74]. **Manifold** [AL86]. **Manipulation** [Sto77]. **Mantissa** [SS84]. **Manual** [BH95, CGG⁺91, CW80, Com88, Inc89, Har46]. **Many** [EKS94, JSW83, Leh43]. **Maple** [CGG⁺91, Map]. **Marcel** [Gil91]. **Marching** [BR77]. **Mark** [Blo48]. **Market** [BPR⁺97]. **Markov** [Ham87b, IM94, O'C93, Ste97a]. **Massively** [GA96]. **Math** [Cau41, For70, Inc89, Matc]. **Mathematica** [Mata, SK93, Wol99]. **Mathematical** [Bab69, BP94a, DG87, Fik68, FMM77, FHS78, GB91, Gar61, Gla95, Hig98b, Ral91, Sca50, Var90, Ziv91, Syl04]. **Mathematics** [Boy89, Bri92, Dun90, Ede97, EG91, Ewi94,

GKP94, Har67, Jos91, Kah83, Nel98, Tod77, YG72, Tur45]. **Mathematik** [Sto72]. **MATLAB** [Hig95c, HH00, SR97, Matb].

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Matrices [Neu86, vNG47, NP84, PBRZ99, Pan01, Pol87, Rei91, RT92b, Rei87, Roh89a, Rum98, Rum99b, Rut68, SW98, Sha82, Sha85, Sha91, vdS69, Ste80, Ste97d, Ste97c, SW62, SB95, Syl84, Tao84a, TM62, TT94, Tre92b, Tur29, TA32, Tyr91, Van95, Var79, VT98, WSW72, Wal93, Wat91, Wed34, Wil55, Wil65b, Win71, Zie86, Bar86].

Matrix [Aas71, BDDD97, Bai88b, BF88, BK79, BK80, BHH93, BS68, BS72, Bar91c, Bel70, BR71b, BM94, Bha97, BL80, BP94b, BMSV92, Bod49, BPR⁺97, Bre70a, Bre70b, BKP76, Bye87, Bye88, Caf63, CL83a, CL83b, CHKL01, CH01a, CH01b, Cho83, Chu87, CMSW79, CLP01, Coh75, CW87, CH92b, Csa76, Dat88, Dem83, DK87, DM89, Dhi98, DEL00, DHSS94, DS94, Doy57, DRMN79, DGL89, DGL92, EY36, Ede91a, EKS94, EM95a, EM95b, ER74, Fis74, FS80, Fri91, GBDM77, GWL⁺92, GLAM92, Giv54, GV74, GV96, GKL95, HS81b, Hig86b, Hig87a, Hig88a, Hig88c, Hig89b, Hig90a, Hig90e, Hig90d, Hig92a, Hig92b, Hig93b, Hig94a, HK95, Hig95c, Hig97c, Hig99b, HT00, HK00, HT01, Hig01, HS95, HJ85, HJ91, Hot43, Ikr98, Inc85, Jen82, KP96a, KP96b, Kap99, Kau83, KLP92]. **Matrix** [KL94, Ker90, Kni95, LPS92, Lan70, Liu87, Van79, MN79, MN99, Mat95b, MAV⁺97, MP77, MW80, Mil88b, Mit48, Mol2a, MV78, NT58, New62, O'L80, Pai73, Pan78, Pan84, PS91, PY01, Par64, Par65, Pry85, QQSvdG01, SL54, SBD⁺76, Ste73b, Ste77b, SS90, Ste98, Ste01, Sto62, Str86, Sun92c, TG81, Tau49, Tau88, Tod54, Tod61, Tur48, Var75, Wac88, WT94, Wes68, Wil61, ZZ95, Zie88, Zie85, ZWS86, Dem92a, Hou58, CV86, Dah83, BPR⁺97, Spi76, Sch33].

Matrix-Matrix [DS94]. **Matrix-Multiplikation** [Spi76]. **Matrix-Sign** [KLP92]. **Max** [Bun71b]. **Max-Norm** [Bun71b]. **Maximum** [Boh77, Tao84b, Tor65]. **Mead** [LRWW98, McK98]. **Mean** [BR71b]. **Meaningless** [Fox71]. **Measure** [Pry84, Ziv82]. **Measurements** [Hun97]. **Measures** [Hig91b, Rhe76]. **Measuring** [Bye88]. **Mechanical** [Inc92]. **Mechanically** [MLK98, Rus98]. **Memoir** [Far87]. **Memory** [BDD⁺97, KP92, Kre76]. **Method** [Abd71, Ari00, Bar91c, BR71a, Bjö87, Bjö92, Boy74, Bun71a, Bye88, Cap71, Cli73, CGM85, CH99a, Cro41, EGK90, Fos91, FM91, Gen69, Gol62, GNV79, GS76, Han97, Hig92b, HP94b, Hig97b, Inc85, LRWW98, Lan66, Lau79, Van85, Lyn64, MP74, McK98, MH57, NM65, Oli77, Ort63, Pai73, Par64, Pug92, RT92a, SS74, Tao84a, Tis01, VA86, War76, Woz77b, Ypm95]. **méthode** [Ben24]. **Methods** [Act70, AR92, Axe94, BNP88, BV92b, Bar89, BBC⁺94, Ber91, Bjö90b, Bjö96, Bol84, BT92, BE73b, BP71, BK77, But87, BGN70, CN96, CH94, CH99c, CH92b, DBA74, DR84, DES82, DS83, DW84, DT91, DW93, Dub83, DER86, Ept80, Fad59, FGP91, Fik67, Fle87, FGS96,

For67, FMM77, Fra58, GMSW91, Gol65, Gov00, Gre97a, Gre97b, HW76, Ham73, Hea84, Hen62b, Hen63, Hig90g, Hig91a, HK93a, HS95, Hot43, HR92, IK66, KW89, KMN89, Kau83, Kel95, Kel99, LYK89, LTT00, Lin74, Mat95a, MD64, Met77, MP77, Moo79, Pow70, Qui94, vR01, Rum01, Swa72, Tao84b, Tra66, TT87, Wil55, Wil61, Wri92, Wri96, Wri97, You89, Ypm83a, Ypm83b].

Metric [FH55]. **MGS** [Ple74]. **Might** [Kah90]. **Million** [QTD91]. **Minimal** [Bau63a]. **Minimization** [NM65, Pow75]. **Minimum** [CV86]. **Minor** [Syl51]. **minorants** [Dah83]. **Miscalculate** [Mar94]. **Miscalculating** [Kah97]. **Misdemeanours** [Sto91]. **Missile** [Uni92]. **Mixed** [GK93, LDB⁺00]. **Model** [AB79, Bro81, CB90, Ham87b, Hen80, Rob80, Sch84, Tie70, DCHH88b, DCDH90b]. **Models** [Hen66, HS66, MN89]. **Modern** [BL77, Wil71a]. **Modification** [FP74, Pug92, Yip86]. **Modifications** [Fos91, Ham74]. **Modified** [BP92, CH98a, Che98, FGM95, Oli77, RSD77]. **Modifying** [GW92, Ste74b]. **Modular** [BBB89]. **Module** [Kea96a]. **Modulo** [Per02]. **moindres** [Ben24]. **Moments** [Ede91a]. **Monde** [LM66]. **Monitoring** [Bus71, ER74, Bar86]. **Monotone** [FB91]. **Monotonic** [BSW61]. **Monthly** [Ewi94]. **Moore** [SS74]. **Morrison** [Yip86]. **Most** [Boy94]. **MP** [Bre78b, Car91]. **Much** [Kah87a]. **Muir** [Bel31]. **Multi** [Tor89]. **Multi-Directional** [Tor89]. **Multicomputer** [Ede94a]. **Multidigit** [KO63]. **Multidirectional** [Tor91]. **Multiple** [BKP93, BHY80, Bre78b, Bre78a, HH92b, Smi91, Sun96, Ypm83b, Smi98]. **Multiple-Precision** [Bre78b, Bre78a, Smi91, Smi98]. **Multiplication** [Bai88b, BL80, BMSV92, Bre70a, Bre70b, CW87, DS94, GFB85, Hig90e, Kap99, KO63, Kni95, LPS92, Mat95b, Pan78, Pan84, Per02, Rus98, Ura68, Win71]. **Multiplications** [GA96, Hig92b, Lad76, PS73]. **Multiplicative** [Pry85]. **Multiplicativity** [GS83]. **Multiplikation** [Spi76]. **Multiply** [DHSS94]. **Multiplying** [Hig92b, Lad76, Vit68]. **Multiprecision** [Bai95, KFC⁺01, Bai93]. **Multishift** [DG94]. **Multistep** [Qui94]. **Multivariate** [Mui82]. **Mysteries** [Tre85].

nach [Läu61]. **National** [HGD90, CK81, Wil48a, Wil80, Woo58]. **Natural** [New81]. **Nature** [LK76]. **Near** [Rum99b, Mat24]. **Nearest** [Dem87a, Hig88a, Dem92a]. **Nearly** [Gri85, Sha91]. **Nearness** [Hig89b]. **Necessary** [PS73, Sha82]. **Need** [Kah81]. **Needle** [Kah97, WT94]. **Needle-Like** [Kah97]. **Negative** [Ham82]. **Nelder** [LRWW98, McK98]. **Netlib** [BDG⁺94]. **neue** [Spi76]. **Neumann** [Gol72, Ple76, Tau63]. **Neville** [AGP97, GP92]. **Newton** [PBRZ99, Rei90, Tis01, BF88, DES82, DW84, EGK90, FGM95, KF63a, KF63b, Lan66, PS91, Wer84, Whi97, Ypm83a, Ypm83b, Ypm95]. **Newton-like** [Ypm83a, Ypm83b]. **Nineteen** [MV78]. **Ninth** [Gra92]. **nombre** [Ben24]. **Non** [BDDD97, Ham82, Hen62a, Jos91]. **Non-European** [Jos91]. **Non-Hermitian** [BDDD97]. **Non-Negative** [Ham82]. **Non-Normal** [Hen62a]. **Noncommutative** [Gil91, Lad76]. **Nonlinear** [Bar74, CGT92, DS83, GMSW86, GS76, Gri85, Kel95, Rhe76, Woź77a]. **Nonnegative** [BP94a, Fal01, FS80]. **Nonnormality** [Loi69]. **Nonscalar** [PS73]. **Nonsingular** [Hea77]. **Nonsingularity** [PR93, Roh90]. **Nonstandard** [Cra79, Yoh79a]. **Nonstationary** [McK98]. **Nonsymmetric** [BDM93, BDG97, BDD⁺97, LZ92, Hou58]. **Norm**

[BZ98, Bar91c, Blu78, Bun71b, CH01a, CH01b, Gau75, Hig90d, HT00, MAV⁺97, SW98, Tao84a, Tao84b, Hig88c, Hig92a].

Normal [Fos91, Hen62a, Lás94]. **normales** [Ben24]. **Normed** [SW62]. **Norms** [BSW61, Boy74, GS83, GKL95, SS62, Sto62, Zie88, Rum02]. **Notation** [Knu92, SZ80]. **Note** [BV92a, Ben24, Bun82, CS86, CG85, Cle55, Coh74, Dem01, Des63, For59, GW66, Ham74, Hor79, Ikr98, JSW83, Kie87, Van79, Mal00, Mol90b, Møl65a, New81, QQSvdG01, Rei71, Smo95, Ste85, Ste92, Sun95a, Tsa75, Wic92, Yip86, ZZ95, Bar86, Edi91, van77].

Notes

[FHW48, Hig99a, Kah73, Kah96b, Knu92]. **Nothing** [Kah87a]. **NP** [PR93, Roh95].

NP-Hard [PR93]. **NP-Hardness** [Roh95]. **NPSOL** [GMSW86]. **Null** [CH99a].

Number

[Bar89, Bec00, Bre73, CH94, CMSW79, CR83, Dem83, Dhi98, Ede92b, GL81b, GEJ95, Ham87a, Hig86b, Hig87c, KC73, MK85, MAV⁺97, PS73, SA75, WWWS86, ZWS86].

Numbers [BDM93, Ben38, Bir75, Cli90, Coo81, Dem87a, Dix83, Ede88, GK93, Hig95a, KO63, Lem75, LO82, Loi69, MI81, Mol95, New81, O'L80, Per02, Roh89a, Ske89, vdS69, SW90, Tod68, Tur36, VT98, Zie88].

Numeric [Hau96, Mat70, Mol90b].

Numerical [Act70, Bab69, Bjö96, BCP⁺97, Bla64, BRR85, Bol84, BT92, Bun87, But87, Bye85, Cod73, CdB80, CH90, DBA74, DR84, Dem84, DDK92, Dem92b, Dem93, DL94, Dem97, DS83, DDSvdV98, Dou59, DGRS95, Dub83, Ede93b, Ede94a, Eir93, Ept80, For78, Fox64, Gas83, Giv54, GAKK93, GvN51, Gol77, Gol65, Gov00, Ham82, Ham87b, HHKR93, Ham73, Hea84, Hen64, HS87, Hig94b, Hig99a, HK00, Hig02, Hil74, Hou64, Hul79, Hul82, HAC⁺85, IK66, JW77, JT74, dJ77, Kah66, Kah96a, KMN89, KW00, LM66, MD64, MV99, Mil75a, Mil84, Mol78, vNG47, NW99, Ort72, Ove01, PY01, Par90, Pen98b, Pow70, PTVF92, vR01, Row90,

Ruh83, Sca50, Sha94, Ske79, Ske80, Ske89, SK93, Sma90, SS74, SB80, Stu80, Tod77, Tre90, Tre92a, TB97, Tsa83, Vit69, Wen66]. **Numerical** [Wes68, vW66, Wil71b, Wil74b, Woź77b, Woź77a, YG72, Zaw91, SA73, Bus71, Pri92, Thi88, Sun92a]. **Numerically** [DH00, Fos91, GM73]. **Numerics** [Bjö94, Com88, Com94]. **Numériques** [PV74, Bru89]. **Numerische** [KS88, Sto72]. **Numeryczna** [KS92].

Oak [HGD90]. **Obliczeń** [KS92].

Observations [Gau95]. **ODE**

[SR97, Tuc02]. **ODEs** [Eir93, HT93]. **Odor** [Dem91]. **Off** [Abd71, AB79, Cap71, Dem93, Des63, Dia78, Dou59, For59, Gol62, GF75, Lyn64, Pry81, Qui94, Qui83, Tur48, VA86, Ziv82, BC86, CB90, Bod49]. **Old** [Sev98].

Once [Wri96]. **One** [BBB89, EY36, Gau95, Hig88c, Ove01, PJS92, SB92, GP90].

One-norm [Hig88c]. **Ones** [Ziv95]. **Only** [JW85]. **onto** [AL86]. **Open** [Dem92b].

Operation [Ham87a, Har46]. **Operations** [AvL81, CHN99, VCV01a]. **Operator**

[BR97, BN87, Goo79, HS81b]. **Operators** [Kat76]. **Optimal**

[Bau63a, Bur97, KW97, Mal01, MS02, MS74, Pan78, Rum02, Sha85, Sha91, Str69, Stu82, Stu85a, Sun96, Sun97, SS97, WKS95, Wat91].

Optimale [SB53]. **Optimality** [Har72].

Optimally [Bau63b, Bau69, Bus68, Sha82].

Optimisation [Ber91]. **Optimization**

[CGT92, DS83, Fle87, FGS96, GMW81, GMPS92, Hig93b, Kel99, NW99, Pow70, Pow98, Swa74, WPD01, Wri92]. **Optimum** [Vit68]. **Options** [Kah80]. **Orbit**

[QT90, QTD91]. **Orbital** [Qui94]. **Orbits** [CKP95]. **Order** [BMvN46, EM95a, EGK90, GvN51, Gol62, Mit48, vNG47]. **Ordering**

[RS88]. **Orderings** [EGL⁺87]. **Ordinary**

[But87, CKP95, Ept80, HW91, Hen62b, Sha94]. **Ordinateurs** [Mul89, PV74].

Organization [Bow53, PH98]. **Origin**

[Buc81, CT93, Tro84b]. **Origins** [Ran75].

Orthogonal [AOU87, BZ98, BP94c, CR93, Gau83, HSS99, Hig88b, HV97, Rat82, Smi65, Ste80, SB95, Wil62]. **Orthogonality** [BP92, ES93]. **Orthogonalization** [Bjö67b, Bjö94, Hof89b, Ric66a, Ruh83]. **Orthogonalizing** [Mat96]. **Other** [CD86, Hun97]. **Over-Relaxation** [Lyn64]. **Overflow** [FT86, MI81]. **Overflow/Underflow** [MI81]. **Overflow/Underflow-Free** [MI81]. **Overview** [You89]. **Owner** [BH95].

P [Vav89]. **P-Complete** [Vav89]. **P754** [IEE81]. **Package** [BHY80, Bre78b, Bre78a, Cod93, CGT92, GWL⁺92, GMSW86, KL85, Smi91, Yoh79b, NAG86]. **Padé** [Hig01]. **PADRE2** [Kub91]. **Paging** [Mol2a]. **Pair** [KP96a]. **Pairs** [KP96b]. **Pairwise** [Bar91a, Sor85]. **Paper** [CT93]. **Papers** [CD86, Ran75, Syl04]. **Parallel** [APS93, BDG97, BDD⁺97, CH01b, CLP01, Csa76, Dem92c, DDR95, DT91, Ede93b, EGK90, GPS90, GL91, GA96, HP94a, HP94b, Hig95b, HJ88, LO82, Mat95b, MRW01, QQSvdG01, Rum99a, SB77, Sch88, Tor89]. **Parallelism** [Dem93]. **Parallelizable** [BF88]. **Parameter** [Bar74]. **Parameterization** [For78]. **Parameters** [Cod88a, Sch84]. **Paranoia** [Kar85]. **Part** [BM94, Gau95, IEC94, Mat92, PJS92, Gau95, Stu85b, Stu85c]. **Partial** [Bun74, Dax82, FGM95, Fos94, Hig97b, Liu87, Mac89, Ske81, Tol97, Vav89, Wri93, van77]. **Particular** [HW76, Zię85]. **Partitioned** [HP94b]. **Parts** [Alb91, Hig98a]. **Pascal** [Syl50, KKN⁺92, Coh75, Gol72, HHKR93]. **PASCAL-XSC** [KKN⁺92, HHKR93]. **Pascal's** [Gra92]. **Patriot** [Uni92]. **Pattern** [Tor97]. **Paul** [EG91, Alb91]. **Peacock** [Jos91]. **Peculiar** [Rai69]. **Pencils** [Dem83, DK87]. **Penguin** [Nel98]. **Penrose** [SS74]. **Pentium** [Ede97, Mar94, SB94]. **People** [Lav80]. **Pereyra** [Hig87b]. **Perfidious** [Wil84]. **Performance** [BBG92, DDK92, DDSvdV98, Don01, JP94, RSD77].

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Points [Rei90]. **Poisson's** [BGN70]. **Polar** [Hig86a, Hig94a, HP94a]. **Polynomial** [Ada67, BP94b, EM95b, Fik67, New74, Oli79, Olv86, PW71, Rei91, SR80, Smi65, Ste71, Wer84, Wil84]. **Polynomials** [CR93, Gau83, Hig88b, HT01, Kit95, Van79, Pan01, PS73, TT94, Tra66, Knu62]. **Polynoms** [Hil94]. **PORT** [FHS78]. **Portable** [Blu78, Cod93, DDK92, DHSS94, Yoh79b, Yoh80]. **Posed** [Dem87a, DK88]. **Positive** [And87, BR71a, Bec00, dBP77, Cry73, Cry76, CV86, Doy57, GL81a, GV79, Hig88a, Hig98a, Ker90, Mak91, MPW66, Mat92]. **Positive-Definite** [Doy57]. **Positivity** [GP92, Kar68]. **Possible** [Sto62]. **posteriori**} [OW82]. **Power** [Boy74, KW92]. **PowerPC** [Com94]. **Powers** [FS80, Gau53, HK95, MP77]. **Practical** [BCP⁺97, EGK90, Fle87, GMW81, HW76, Kap99, LPS92, PW71, vR01]. **Practice** [Cod88b, Fos94, KM81]. **PRECISE** [KFC⁺01]. **Precision** [BKP93, Bre73, BHY80, Bre78b, Bre78a, CCF96, CHH83, Dek71, Dem87b, GS92, Gre94, HLB01, Hig91b, HK93b, HK95, Hul82, JW85, Kah87b, KM97, Kie81, LM01, LDB⁺00, Lin81, MK85, Mil88a, Møl65a, Møl65b, Pri91, She97, Smi91, Smi98, VCV01a, VCV01b]. **Precompiler** [Cra79, Kub91]. **Preconditioned** [HS95, vdV90]. **Preconditioners** [GMPS92]. **Preconditioning** [CGM85]. **Predicates** [KFC⁺01, She97]. **Predicting** [GS92]. **Prefix** [Dem92c, Mat95b]. **Prescribed** [CL83a, Chu99, Chu00, KS00]. **Presence** [Neu85, Not93, vdV90]. **Present** [Woo58]. **Prespecified** [DK85]. **Preventing** [Act96]. **Primal** [Wri97]. **Primal-Dual** [Wri97]. **Print** [SW90]. **Priori** [Wil68]. **Probabilistic** [Bar81b, BB85b, CB90, Hen66, HS66, Kah96a, YC97]. **Problem** [Boy94, Bur97, CB90, CH99a, CH99c, Dem87a, Eld80, GS90, GNV79, Gul95, JW86, Kar74, KW97, Lu95, Mal01, Mol90a, Ort63, Par64, Par98, PW70, Ple76, PC83, Rai76, Sau78, Sun95a, Sun96, Sun97, TM01, Tuc02, WKS95, WT94, Wei90, Wil65a, Wil70, Zha93b, Uni92]. **Problem-Solving** [JW86]. **Problems** [Abd71, ADdR89, BDDD97, BR77, BI87, Bar88, BNP88, BV92a, Bjö67b, Bjö87, Bjö96, Che98, Cli73, CH98b, CH99b, DK88, Dem92b, DGL89, Gol65, GDD94, Gu98, HHKR93, Hea84, Hig89b, Hig90c, Hof89a, JW85, Kau83, Kni93, LH95, LZ92, Van85, MS02, Man81, Mol78, Par65, PW71, PR69, Qui83, Rei00, Roh95, Rut58, vdS75, Ste73a, Ste77a, Tis01, Tod61, Tra66, Var90, Wri93]. **Procedures** [Jor68]. **Proceedings** [Har48]. **Procesach** [Wil67]. **Process** [Gil51]. **Processes** [BR71b, Dax90, Des63, Tur48, Wil63b, Wil68, Bod49]. **Processor** [BKP93, Rus98, SB94]. **Product** [GA96, HPS83, Neu85, Win68]. **Products** [BV87, GF75, HS81b, Mat96, SV89]. **Profit** [GS66]. **Program** [BBG92, Blu78, Hor79, MLK98, Pax91]. **Programming** [CK81, ES92, GMSW86, GMSW91, HJ88, HC88, Kah01, MD64, Sau72, Wal90, Wol64]. **Programs** [Bai93, DCHH88b, DCDH90b, HHKR93, Hau96, Lon67, NT58]. **Progress** [Wil48b]. **Progressions** [CW87]. **Project** [WPD01]. **Projection** [AL86]. **Projections** [Ste77a]. **Proof** [MLK98, Rus98, Yuv78]. **Propagation** [CB90, Hen63, Hen66, Hen80, HS66, Oli79]. **Properties** [AN63, Cry76, GM74, LRWW98, MN79, Mal72, Men56, Pla88, Pri92, SS74]. **Proposal** [Str86, Tur45]. **Proposed** [CCG⁺84, Fat82, IEE81, Hou81, KP79, Kah80]. **Provably** [KW00]. **provenant** [Ben24]. **Proving** [Fro01]. **Pseudo** [PW70, RT92b, Ste77a, Wed73]. **Pseudo-Eigenvalues** [RT92b]. **Pseudo-Inverses** [PW70, Ste77a, Wed73]. **Pseudospectra**

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SB92, Ste93b, Sun95b, War76].
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[BW93, DW84, Møl65a, Møl65b, Van95].
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[BBB89]. **Random** [AOU87, And90, Ede88,
Ede91a, Ede93a, EKS94, Gem86, Hou89,
KW92, Sch89, Ste80, VT98]. **Range**
[VCV01a, VCV01b]. **Rank** [BV92b, CH92a,
EY36, Man81, Pan00, SB92, Yip86]. **Rank-**
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Rank-Revealing [Pan00]. **Raphson**
[Lan66, Ypm95]. **Rapid** [Jan97, Per02].
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 BKO94, CR92, CR93, Dem89a, Dem90,
 Gau62, Gau75, Gau78, Gau83, Gau90,
 GO94, Hig87b, Hig88b, Hig90h, Lu94, Lu95,
 Lu96, RO91, Rei91, Sun98, TG81].
Vandermonde-Like [Bar91c, CR93, Gau83,
 Lu96, Rei91, BH92, Hig88b, Hig90h].
Variable [Gus97, Hen62b, Kie81].
Variable-Precision [Kie81]. **Variance**
 [Bar91a, CGL83]. **Variant** [DHSS94, GS76].
Variants [DS94]. **Variation**
 [BM94, Hen62a]. **Variations** [Gil91].
Various [Bre73, Don01]. **Varying**
 [Dem87b, Tie70]. **Vec** [HS81b].
Vec-Permutation [HS81b]. **Vector**
 [Blu78, DGK84, Hof87, War76]. **Vectors**
 [BN87, Pry84, Ruh83, Wil55]. **Verfahren**
 [Neu74]. **Verifiable** [Mil88a]. **Verified**
 [HHKR93]. **Vermutung** [PN85]. **Versatile**
 [Cra79]. **Version** [GMSW86, Hig95c, Matc].
Verstärkungen [PN85]. **Versus**
 [Kah94, Wer84]. **Very** [GS90, JSW83]. **Via**
 [DG87, CW87, DL94]. **View** [Lon67, Pow75].
Vintage [Lav80]. **Virgule** [Pic72]. **Vol**
 [Tod77]. **Volume** [BP94b, Kah01, Ste01].
Vortex [BKP93].
- w** [Wil67]. **W**. [Kah73]. **Watt** [Gen69].
Wavelet [ABCR93]. **Wavelet-Like**
 [ABCR93]. **Ways** [MV78]. **Weak** [Bun87].
Web [BPR⁺97]. **Weighted**
 [CH98b, GW92, Gul94, Gul95, HV97].
Weighting [Van85]. **Well** [CF88].
Well-Conditioned [CF88]. **where** [Har80].
Which [Asp59, Bus68, SW98, Wri93]. **Who**
 [Lav80]. **Whose** [DRMN79]. **Wielandt**
 [Fra58]. **Wilkinson** [Eva76, Ano87, Fox78,
 Fox87, Par90, PC83, PN85]. **Will** [Tur91].
William [Sev98, Woe97]. **Winograd**
 [DHSS94]. **Winograd's** [Bre70b, Har72].
Wise [Bjö91, CH99c]. **Wishart** [Ede91a].
within [Hig90e]. **Without**
 [CG85, DG94, Gen73, YC97]. **Woodbury**
 [Yip86]. **Word** [Buc81, CCG⁺84].
Word-Length-Independent [CCG⁺84].

Work [Act70, SW89, Wil80]. **Works** [Bri92, Inc92, Tau63]. **World** [Mol90a]. **Worst** [LM01, TZ01]. **Wprowadzenie** [KS92]. **Writing** [Hig98b]. **Written** [Kah83]. **WY** [BV87, Pug92, SV89].

XSC [HHKR93, KKN⁺92, KKL⁺93].

Y-MP [Car91]. **Year** [QTD91]. **Years** [EG91, ACM87]. **Yielding** [Kub91].

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[Tre99]

Trefethen:1985:TMG**Tropp:1984:FA**

[Tro84a]

Trefethen:1990:ATN**Tropp:1984:OTE**

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