

# A Bibliography of Numerical Analysis Publications, 1990–1999

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**Does** [SCI<sup>+</sup>96]. **Domain** [SBG96b, SBG96a, Vin91]. **domains** [Giv92, LM91]. **double** [NL96]. **DSP** [Mor97a]. **Dundee** [GW90, GW92, GW94b, GHW98].

**Dynamic** [DJT99, Nog97, Pax95, Tes93].

**Dynamical** [Rei91, SH96, Stu97, Hon93, Hon94].

**Dynamics** [Bru98, DDN95, Des96, HPO92, KFC97, Mor90, NS93, Bai98, Bir90, Cha93a, Dur99, Erb94, Jam94a, Jam94b, MB93, MB95, Tor97, Tor99, VI90, VS94, Xu99].

**Early** [Fox90a, Tod90, Whe90]. **earthquake** [DJ91]. **ECCOMAS** [Des96]. **ECONMIG** [Smi94]. **Econometrics** [MN99, Dor97].

**economics** [Dor97, Jud98]. **Edition** [HL95, The97, HL97]. **effect** [Jam94a].

**Effective** [Pan96]. **Effects** [Uni98a, Mod98].

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**Element** [BJ93, GRT93, HN90, SH97, Bäck99, Bel90, BS94, DFS97, Hac92, Hal94, IY94, Jol90, Kyt95, Lae93, Lae99, PC97, PH92, Ram94, RKA93, Rie96, Ses98, SG98, Sch91d].

**Elementary** [Atk93, SK93, SK95, Ric96, Ste96, Sto96].

**Elemente** [Sch91d]. **elementov** [Lae93, Lae99]. **elements** [Aki94, Moh92, Ode90, AP90, Jol90, AP90].

**Elimination** [STL96, GZ96]. **Elliptic** [BD90, DG90b, Tho99, Li90, Mat92a, Ree91, SBG96a]. **Ellpack** [HRP90]. **Embedded** [Mor92]. **emissions** [YCC96a, YCC96b].

**Emphasis** [Wat97]. **enclosing** [Rih96].

**Enclosure** [Wal96b]. **enclosures** [Wie96].

**Engine** [Uni98c]. **engineer** [LT94].

**Engineering** [Act96, Ald92, Cel90, Civ98, Cro94, Des96, G<sup>+</sup>99, GW98, HN90, HPO92, MR96, MM96, SJ96, Ton90, Van96, VS94, CG92, CGB96, Cha93b, CS99, DJ91, Euv94, Fer98, HZO92, HSDM91, JM90, LP99, MK95, Mat92b, Nak97, PM90, Poz98, Smi94]. **Engineers** [BB99, Bor91, Cel90, Eme90, Jen77, Nog97, NL95, SM90, Sar92, Aka94, AM96, Bor97, CS95, CC98, CM99, Ett92, GS91a, GS91b, Hof92, JR92, JM92, Pal98, Roj96b].

**England** [Mor90]. **English** [GO95].

**Enhancement** [Ano97, Boi97].

**Environment** [BD90, MM96, DGLR90].

**environments** [SR97]. **Epilogue** [Fox90b].

**EPSRC** [ALM99]. **equal** [BCSS96].

**equality** [GZ96]. **Equation** [DPR90, Cer93, Lee94, LM91, Mei99, Tsu91, Wie96].

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**equilibria** [Bri95]. **Error** [Die96, GZ96, LT96, Mik91, Sin96, SH97, AH96, BR92, CB90, Ehr96, Hig97a, MOS96, SK96].

**Error-bounding** [LT96]. **Errors**  
 [Act96, Hat97, Olv90, SS96b]. **Esercizi**  
 [FT92]. **estimates** [Ehr96, MOS96, SK96]. **estimating** [McV90]. **estimation** [Var90b]. **etc** [Uni98a]. **Euler** [Chu91].

**EUROMECH** [SO97]. **European**  
 [Civ98, HPO92, HZO92, Smi94]. **Evaluating**  
 [AG90b, HHR90, Uni98a, Mod98].

**Evaluation** [Lyn97, Sin96, EH97, Mu97].

**Evolution** [DH90, Blo90, Xu99]. **evolutions**  
 [Mat96]. **Ewa** [Oki96]. **exact** [RR96].

**Example** [HN90]. **examples** [KKN<sup>+</sup>92].

**exception** [Rei97]. **Exercise** [Her98].

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 [AD90, KPS94, Hat97, Ume97]. **Expert**  
 [AEP90, BK90, BM90, DG90b, GGM90, Gro90, HRV90, HKP<sup>+</sup>90, HRP90, SSES90].

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 [KKN<sup>+</sup>91a]. **extensions** [Blo97].

**fact** [Ste96]. **factorizations** [Pai90].

**faculty** [Gir92]. **failure** [ADK91, SJ96].

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 [Uni99, Cha98]. **fangfa** [TJL92]. **far** [WZ94].

**far-infrared** [WZ94]. **Fast**  
 [KU96, SB96b, Ano94a, Wal96a]. **fastening**  
 [SJ96]. **fatigue** [BB92]. **FEA** [SJ96].

**feasibility** [KLRK98]. **Federal**  
 [LO90, Mar92, MK95, MK98]. **FFT**  
 [Ano94a, Coo90, KMRT90]. **field**  
 [Bun90, Tao94, WSG91]. **fields** [bZ93a].

**Fifteenth** [KFC97]. **Fifth** [LO90, SD95].

**fifties** [Whe90]. **filled** [Pan96]. **film** [FS90].

**films** [Par91]. **filter** [Str96]. **Filtering**  
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**final** [WZ94]. **finance** [RT97]. **finding**  
 [Nov96, Vas96]. **fine** [Erb94]. **fine-scale**  
 [Erb94]. **finis** [Jol90]. **Finite** [Aki94, BJ93, CCF96, HN90, Moh92, SH97, Bäck99, Bel90, BS94, Die96, DFS97, JP96, Jol90, Lee94, Ode90, PH92, Rie96, Ses98, SG98, Tho95, Vin91, BJ93, GRT93, Lae93, Lae99, Sch91d].

**finite-difference** [Vin91]. **Finite-Element**  
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**finite-part** [Die96]. **finiten** [Sch91d].

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 [Rig96]. **flexure** [Fri97]. **Floating**  
 [Sin96, SS96b, Cou94]. **Floating-point**  
 [SS96b]. **floodplain** [Hib93]. **Florida**  
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**Flowfield** [Uni98c]. **flows**  
 [BCH93, Cel90, Cha92, Cro94, FMO96b, Lee94, Rei92, Ses98]. **Fluid**  
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KFC97, MO95, Mor90, NS93, RRV92, Wes90, Ano94b, Bai98, Dur99, MB93, MB95, Tor97, Tor99, Vin98, VS94]. **Fluids** [Cel90, Cro94, VS94, Moh92, Ros90]. **flux** [Shu90]. **Following** [STL96]. **food** [CS95]. **Forces** [Mar92, MK95, MK98, Cou94]. **forebody** [Ago94]. **forecast** [GhW90]. **forecasting** [Sme96]. **form** [BV90b]. **Forming** [SD95, Sar92]. **formula** [Ehr96]. **Formulation** [Arm97]. **formulations** [Mat92a]. **Forsythe** [Var90a]. **Fortran** [Ett92, PTV+92, Pre93, Pre94, RS92b, Bor91, Du 97, EMU96b, NL95, Ort94b, Ort94a, PTM96, PTV96, RS92a, Rei97, WNO94]. **Forum** [Cel90]. **fossils** [Har99]. **Four** [Uni98c]. **Four-Engine** [Uni98c]. **Fourier** [Ano94a, Wal96a, GW99a]. **Fourteenth** [DDN95]. **fourth** [Civ98]. **fracture** [LO90]. **France** [Bru98, Des96, JKB99]. **free** [Nei91]. **Freiburg** [LO90]. **French** [AP90, Dés98, Euv94, Jol90, LT94, RP98, Sch91a]. **frequency** [Guc95]. **FRG** [HMRS90, Mar92]. **fronts** [Fin92]. **Fry** [ACD+93]. **Fuel** [YCC96a]. **function** [Nas90a]. **Functional** [Bak97, IS93, Ras94, LL97, Mun97]. **functions** [Loz97, Sam96, Sny97, Ste93]. **fundamental** [CG92, LS97, BP94b]. **Fundamentals** [Ano94a, FK94, KS94, SAP97, Wat91, KS93, PC97]. **Fure** [Zhu92]. **Fuzzy** [BD96].

**G** [LL97]. **gained** [Coo90]. **galaxies** [Lam93]. **galaxy** [Lam93]. **games** [BRP99]. **GAMM** [AH96, Hac92, Mar92, MK95, MK98, RRV92, Wes90]. **GAMM-Conference** [Wes90]. **GAMM-Seminar** [Hac92]. **GAMM/IFIP** [Mar92, MK95, MK98]. **GAMM/IFIP-Workshop** [MK95, MK98, Mar92]. **Gas** [Xu99, Ath95, Elt90, Gok93, Jam94a, Jam94b, VI90, YCC96a, YCC96b]. **gas-phase** [Gok93]. **gas-turbine** [Ath95]. **gaseous** [FMO96a]. **Gatlinburg** [Var90c]. **Gauss** [Ehr96]. **GCD** [EGL96]. **general** [Bro92, Nak97, Pax92]. **generalized** [Pai90]. **generated** [GB97]. **Generation** [BGGD90, PWF90, Bab95, DFS97, KS93, KS94]. **Generator** [DPR90]. **generic** [Ago94, Cha98]. **gentle** [GKT14]. **Geo** [Nog97]. **Geo-Institute** [Nog97]. **Geo-Logan** [Nog97]. **Geohydrology** [LSR90]. **geological** [Car95]. **Geomechanics** [Rak94, DG90a]. **Geometric** [BP94c, SS97a, Bar96b, Sal99, ZAB95]. **Geometrical** [Sch80]. **geometricheskie** [ZAB95]. **geometry** [Dem90, Roy96, SW96]. **geophysical** [Dur99]. **George** [LL97, Var90a]. **Georgia** [SJ96]. **geostatistics** [Lee97]. **geotechnical** [Civ98, Smi94]. **German** [BL98, BJ93, DH91, DH93, DB94, GRT93, GO95, GO96a, GR92, GR94, Hac91, HH94, Her95, Her98, Mei99, Opf93, Sch91c, Sch91d, Sch93, Sob91, SB90, Sto93, Sto94, SW95, TGK91]. **Germany** [AH96, HMRS92, LO90, MK95, MK98]. **gewöhnlicher** [SW95]. **given** [MW86]. **Gleichungssysteme** [Hac91, Mei99]. **global** [GN97, Kel96]. **globalization** [Naz96]. **GMRES** [Erh96]. **GNU** [Eat97]. **godografov** [Bur93]. **Godunov** [Xu99]. **Godunov-type** [Xu99]. **goes** [Ste98a]. **going** [Cor96]. **gradients** [Hes90]. **Graduate** [ALM99, Ste98a]. **graphic** [Nak96]. **graphical** [Fiu95]. **Graphics** [BM90, GRM97, Kel96, Sal99]. **Grenoble** [JKB99]. **Grid** [MDE90, Vel98, Cer93, KS93, KS94, Sho97]. **grids** [Cha95]. **großer** [Hac91]. **Ground** [Uni98a, Hud91, LSR90, Mod98, Oki96]. **Ground-Water** [Uni98a, LSR90, Mod98, Oki96]. **groups** [McV90]. **guaranteed** [Wan91]. **Guide** [ALM99, BCC+97, For96, HL95, The97, Tur90, Dor97, HL97, MW93, Boi90].



**H** [Coh90, Par90a]. **Hadamard** [Die96]. **Hadamard-type** [Die96]. **half** [Gir92]. **Handbook** [CL90, Zwi92, PES99, RC98]. **handling** [Rei97]. **hardware** [GS90]. **Harten** [TC98]. **Hartree** [Bun90]. **Hawaii** [Oki96]. **head** [Cha93a]. **head-disk** [Cha93a]. **health** [NMW96]. **heat** [Eme90]. **Heidelberg** [HRW94]. **held** [Ain95, Ald92, AH96, BB92, Bru98, Cel90, DDN95, HRW94, HMRS90, HMRS92, KFC97, LMH91, LO90, Mar92, MK95, MK98, Mor90, NS93, Nei91, Nog97, SO97, TC98, Ull90b]. **Hermitian** [LG90]. **High** [DDSvdV98, FJSD96a, FJSD96b, HL95, The97, Cha98, Eat97, Lam93, Liu93]. **high-level** [Eat97]. **High-Performance** [DDSvdV98, FJSD96a, FJSD96b, HL95, The97, Cha98]. **higher** [BEM96, NL96, Rei92]. **higher-order** [BEM96]. **Historical** [Ode90, Roc97, You90]. **History** [Nas90b, Tod90]. **Homogenization** [Liu90]. **homotopy** [LWW96]. **honour** [Mei96]. **Howard** [Coh90]. **Hradec** [Rak94]. **Hybrid** [NA90, RKA93]. **hydrogeology** [Hib93]. **hydrologic** [Hib93]. **Hyperbolic** [EG91, Mor97b, SH97, Koe96, Liu90, Pem92, Ros90]. **hypercircle** [Rie96]. **hypersurface** [DGY96]. **hypertext** [BHR96].

**ice** [Cou94]. **Idaho** [LSR90]. **identification** [SO97]. **If** [Gen97]. **IFAC** [HRV90]. **IFIP** [Boi97]. **IFIP-Workshop** [MK95, MK98, Mar92]. **II** [HMRS92, Cuy94, DB94, HRP90, YCC96b]. **II** [YCC96a, YCC96b]. **ill** [BCF95, BCF97, Dem90, PS96a, Tik95]. **ill-conditioning** [Dem90]. **ill-posed** [BCF95, BCF97, PS96a, Tik95]. **Illinois** [Whe90]. **illumination** [Bor90, Kel96]. **Illustrating** [GRM97]. **im** [MR96]. **IMACS** [AH96, HRV90]. **IMACS/IFAC** [HRV90]. **Image** [GM97, Vel98, Blo97, Bor90]. **Imaginary** [LG90]. **imaging** [BCF97]. **impact** [Cou94, GhW90]. **impinging** [Gok93]. **Implementation** [Lac95, Sch96, Jol90]. **implementations** [RHP91]. **implementing** [Hol97]. **Implicit** [STL96, Lee94]. **improperly** [IY94]. **Improved** [Fri97, PW92]. **Improving** [Ost97, Pan97a]. **INA** [HT91]. **Inclusion** [Koe96, Pet96, PTZ96]. **incompressible** [FMO96b, Rei92]. **Incorporating** [Gro90]. **index** [LT96, Olv90]. **India** [DDN95]. **Indicators** [MDE90, JP96]. **Industrial** [SD95, DT97, Sar92]. **industry** [Ano92b]. **inequalities** [Ste90]. **infeasible** [JP96]. **infeasible-interior-point** [JP96]. **Inferno** [Cou97, Gro97b]. **infinite** [Giv92]. **influence** [Var90a]. **information** [Dor97, Pla96, Woz96]. **information-based** [Woz96]. **infrared** [Lam93, WZ94]. **Ingenieria** [Ald92]. **ingénieur** [Euv94, LT94]. **inhomogeneous** [FM92]. **initial** [Hig97a, Koe96, Lam91]. **input** [AKM96, Bro92]. **instability** [Bri95, Xu99]. **Institute** [HT91, Nog97]. **insurance** [NMW96]. **integers** [Pan96]. **Integral** [Atk97, Bak97, Fra96, Gol99, PS91a, PS91b]. **integrals** [Die96]. **Integrated** [Cha92, Cha95]. **Integration** [DDLW90, SS97a, Zwi92, EG92, Eva93, Gu93, KU94, RKA93, Sch91b, Sch96, Smi93]. **Intelligence** [DDLW90]. **Intelligent** [HRV90]. **Intensive** [HS93]. **interacting** [Lam93]. **interaction** [Ath95, Bul94, MO95, Nog97]. **interactions** [Hib93]. **Interactive** [BD90, KUIO90, Eat97]. **Interactive/Visual** [KUIO90]. **Interface** [Ell97, PWF90, SSES90, FMO96b]. **Interior** [SS97c, JP96, Shi95]. **interior-point** [Shi95]. **International** [Ald92, AH96, AS93b, BC93, BC94, BC95, Bru98, DDN95, EG91, HRV90, KvSR90, KFC97, LO90, Mor90, NS93, SJ96, SD95, DSV94, HRW94, LMH91, Rak94, VWY97]. **Interpolation** [Lor92, Pow97, BGP96, Rei90].

**interpreting** [Ano92a]. **Interval** [Sme96, KLRK98, Sha96, Sto96]. **intra** [Ath95]. **intra-cavity** [Ath95].

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[Bel97, FJSD96a, FJSD96b, GO93, GO96b, LP98, Man99, Ort94b, Ort94a, Pal98, RP98, SB93, SB96a, TW98b, Van97, Woo93, Zac96, Zac98, AG90a, EWK90b, Fiu95, Flo95, Gau97b, GO92b, GO95, GO96a, GKT14, Kyt95, MM94, OG99, Pan97b, Ply92, Tor97, Tor99, Tyr97, Kon93, RP98, Rya94].

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[AEP90, BCF95, BCF97, Bro92].

**investigation** [Vin91]. **invited**

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[BBCM92, QSS98]. **Italy** [Civ98, NS93].

**itératifs** [Dés98]. **iteration** [AS93a].

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[Bjö90, Gv97, GM97, Hac94, AAK96, Car96, Dés98, HM96, Mat92a, Ste90, You90, Hac91]. **Ithaca** [SD95]. **Ithaca/New** [SD95].

**J** [LRRL97]. **J.** [Par90a]. **January** [Hac92].

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[Mod98]. **jet** [Gok93, Rak94]. **Jim**

[Fox90b, Gol90b]. **Jisuan** [TJL92]. **joining**

[SJ96]. **Joint** [Ju95, MW86]. **Jordan**

[BV90b]. **JP** [Zho94]. **JP-5** [Zho94]. **July**

[Ain95, AH96, BCF95, BCF97, Boi97, Bru98, DDN95, LMH91, Mor90, NS93, Nei91,

Nog97, RSS96, AGM93, GW94b]. **June**

[Cel90, Cro94, EG91, GW90, GW92,

GHW98, Ju95, KFC97, MK95, MK98, SD95,

VS94, VWY97, GW94b]. **June-July**

[GW94b]. **Jyvaskyla** [Nei91].

**Karlsruhe** [Gee90]. **Kerkrade** [SO97]. **Kiel**

[Hac92]. **kinetic** [Rig96]. **Kingdom**

[Boi97, Fox90a]. **KIVA** [YCC96a, YCC96b].

**KIVA-II.** [YCC96a, YCC96b]. **KKT**

[Shi95]. **KKT-based** [Shi95]. **Knowledge**

[BGGD90, FHI90, HN90, KMRT90, MDE90,

KSH91]. **Knowledge-Based**

[FHI90, KMRT90, MDE90]. **Koenig**

[AAK96]. **kompyutrne** [KV97, VK96].

**konechnykh** [Lae93, Lae99]. **Kronrod**

[Ehr96]. **Kutta** [NL96, Sch96]. **kvadratov**

[ZAB95, Zor95].

**lab** [RC96]. **laboratory** [BZ93b, Don95].

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**Lanczos** [LG90, Par90b]. **land** [WO90].

**Language** [Gro90, Eat97, KKN<sup>+</sup>92]. **Large**

[Noc97, STL96, AD90, Hac91, Hac94, Mu97,

Saa92]. **large-scale** [Mu97]. **laser** [Par91].

**late** [Poo97]. **lattice** [Elt90, LeB93].

**Latvian** [Kal96]. **Lausanne** [RRV92]. **Laws**

[Tho99, LeV90, LeV92, Liu93, Pem92, Shu90].

**layer** [Adz96]. **layered** [VY96]. **Layers**

[Uni98b]. **Lazy** [Ric96]. **LCP** [JP96]. **leaf**

[Cha98, Uni99]. **lean-combustion**

[YCC96b]. **Least**

[ZAB95, Bjo96, Cox90, LeB93, VY96, Zor95].

**Least-squares** [ZAB95, Zor95]. **Lecture**

[ALM99, Ain95, TC98]. **Lectures**

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**Leningrad** [Kub90, LL97]. **level**

[Eat97, LT96, Olv90]. **level-index**

[LT96, Olv90]. **Lewis** [ACD<sup>+</sup>93]. **Libraries**

[Gee90, Gro97a, Köc94]. **Library**

[DHP97, Du 97, KKL<sup>+</sup>93]. **Lie** [Her94].

**Lie-theoretic** [Her94]. **like**

[Pan96, Wat96, Yam96]. **limitations** [LS97].

**limiters** [Jam94a]. **Linear**

[BV97, Dem97, DDSv91, DDSvdV98, Duf97,

Gen98, Gv97, Gro90, Hig97c, Lan96, SS97c,

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[Gir92]. **liquefaction** [AS93b]. **liquid**

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[Don96, Vel98, Fra96, Hig97a, LP90].

**localization** [VI90]. **localized** [Arm97].  
**location** [BEM96]. **Logan** [Nog97, Nog97].  
**Logic** [HKP<sup>+</sup>90]. **long** [Sme96]. **longwall**  
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**Lösung** [Hac91, TGK91]. **low**  
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**machines** [Bun90]. **Made** [Act96].  
**magnetotail** [Bri95]. **making** [Dor97].  
**Manchester** [MW86, Smi94, TC98].  
**Mandarin** [TJL92, WY90]. **Manipulation**  
 [Ton90]. **manipulator** [Gir92]. **Manual**  
 [KC93, Don95]. **MAPLE**  
 [GH93, Bar96a, B<sup>+</sup>98, Bet98, C<sup>+</sup>96, Co97,  
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 [HRS90]. **mappings** [Sto96]. **March**  
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**Maryland** [Ste96]. **massive** [Lam93].  
**massively** [Bas96]. **Mastering**  
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