A Complete Bibliography of Publications in *Applied Mathematics and Computation*: 1990–1994

Nelson H. F. Beebe
University of Utah
Department of Mathematics, 110 LCB
155 S 1400 E RM 233
Salt Lake City, UT 84112-0090
USA

Tel: +1 801 581 5254
FAX: +1 801 581 4148

E-mail: beebe@math.utah.edu, beebe@acm.org, beebe@computer.org (Internet)
WWW URL: https://www.math.utah.edu/~beebe/

20 December 2023
Version 1.06

Title word cross-reference

(r, s) [PSMM93]. 3 [Hei91, Jin94]. ^{2} [IST93]. $AX + XB = C$ [SH92]. c [Mit92]. D [Pat92]. e^{nx} [Kin91]. F [MP90]. $GV\psi_0$ [Kin94]. h [IST93]. H^+ [BMS92]. K^+ [BMS92]. L [GG91b]. L^2 [Rap92]. L^p [GK94]. L_1 [dK94]. L_p [Sen93]. $M^{[x]}/C_2/S/N$ [MES94]. N [Cha93, SMO91, SV92b]. $n \geq 0$ [Kin91]. $O(n^2)$ [Wai90]. P [Sim92, FLG92]. Q [CDW91, LS93b]. S [Sav93]. $x \leq 0$ [Kin91]. $Y'' = f(t, Y)$ [JMV93].

-analysis [CDW91]. -approximation [dK94]. -bit [Cha93]. -cycle [MP90]. -D [Jin94]. -directed [PSMM93]. -expansion [IST93]. -Markov [LS93b]. -node [Pat92]. -person [SMO91]. -solvability [GK94]. -stable [Sim92]. -system [Sav93]. -systems [GG91b]. -type [MS94c]. -version [Mit92].

1994 [Cab95].

2 [Ada93b]. **2-D** [CXL94, LYX$^+$93].

63 [Cab95]. **65th** [Kag91a].

abstract [Opp92]. **abstraction** [SHR94]. **Acceleration** [Bar91, BCG91, Cha90a]. **acceleration-pressure** [Cha90a]. **accelerator** [CK90]. **accidentally** [Ten91]. **accuracy** [Cic93b, Sar93]. **accurate** [BTW94, MEZI93, PR93]. **across** [BMS92]. **active** [YF91]. **actuators** [Bal94]. **ADA** [Hus90]. **Adaptive** [IBS94, AH94, And90, FLYD94, KT91, Swo91, SY93, YS94, Zas93]. **additive** [MDR94]. **adjoint** [MSLB92].

1

diagram [NG94]. **Dichotomy** [ML90].
difference [BG94b, Dav94, Gyö90, Jim94,
JF91, JNM92, JNF95, LG94, Lin94, MEZI93,
NFJ94, Phi92, PPS94, Sel94, SA94, ZL90].
Differential [RBA92, Ada91, Ada93b,
AR90b, Bai91, BKM94, CM90, Da93a,
Da93b, EN94, ES92, ES93a, ES93b, ESS94,
ES94, Ela94, EL91, GL92, Gro93, Heu90a,
Heu90b, Jia94, JN91, JF91, Jód92, JL93,
JV94, Kha91b, LS91a, LMS92, LWX92,
Liu94, RK93, ŠNG92, Sha90a, Sha90b,
SS94b, SS92, TT90a, TT90b, Unn90, VB92,
XYY94, ZA91, ZXY94, AR90a].
differential-algebraic [Bai91, Kha91b].
diffusion [Asa92b, GS94a, HV90, KCK91,
Yee93, Zas93]. **dimension** [JL93, Lap92].
dimensional
[BH93, Bar91, BG94c, CS92, GL94, HV90,
JM93, KCS90, Mur91b, NSV92, WM91].
dioxide [Ten90]. **Dirac** [Kha91a]. **Direct**
[SH92, Knu91]. **directed** [PSMM93].
Dirichlet [MM94]. **discontinuities** [Dav94].
Discrete [MM91, Gol93, Jim94, KPP93,
Kwo93, LAK94, Mal93, MDR94, PA94,
Pat91, RTJL92, SS91, SW91, SY93, TLG90].
discrete-time [RTJL92, TLG90].
discrete-valued [SS91]. **discretization**
[Da93c, Da93d]. **disease** [Yip91].
displacement [Kai91]. **displacement-rank**
[Kai91]. **distinguished** [Pat92].
distributed
[BJQBQ94, Den90, El 92, Udw91, Udw92a].
distributed-parameter [Udw91, Udw92a].
distribution [Sla93b]. **Distributions**
[Pat92, MS93a, Sch91b]. **divergences**
[PSMM93]. **diversity** [GG91a]. **domain**
[BS93, Cai93, Dos90, GC94, Hei93b, SS91].
domains [Ham92]. **dominance**
[Hua91, YLS93]. **double** [RRA90].
doubling [LAK94]. **Drazin** [Ji94]. **droplet**
[SKCW94]. **droplet-turbulence** [SKCW94].
drug [LL94]. **dusty** [BH90, BH93, HB93].
Dynamic [SO90, Ben92, EB91, LS91b,
SY93, SM94, UK94, Whi93]. **dynamical**

[RW93]. **Dynamics**
[LF94, BD90, BG94a, HL91, HLW94, Mos90].

Eckalbar [PBL92]. **ecological** [Den90].
economic [Avg94, KP91, Zhe93].
economical [NP92]. **economics** [KS92b].
economy [Pap92, Sos91]. **Eddy** [CXL94].
Editorial
[Ano90b, Ano90e, Ano91a, Ano91b, Ano91d,
Ano92b, Ano93b, Ano93d, Ano94e, Ano94g,
Ano90a, Ano90c, Ano90d, Ano90f, Ano91c,
Ano92c, Ano92d, Ano92e, Ano93a, Ano93c,
Ano94a, Ano94b, Ano94c, Ano94d, Ano94f].
effect
[Ham92, KK91, Kub94b, Raj94, ZXY94].
effectiveness [Ahm93]. **effects** [FE90a].
Efficient [How94, AH94, ES90, Gro93].
Eigenform [HLW94]. **eigenvalue**
[Sha94, WJ92]. **eigenvalues**
[Ben92, BG94c, How94]. **elastic**
[enNAa94, Whi91]. **electric** [NA91].
electrocardiography [IM92].
electrochemistry [Mac93].
electromagnetic [LYX$^+$93]. **element**
[Cha90a, CXL94, Da93a, Da93b, EN92,
El 92, GC94, Hei93a, IBS94, Jac90, LYX$^+$93,
Mei93, Siv92]. **elimination** [Moh94].
ellipsoid [NP92]. **Elliptic**
[Son93, Ada91, Ada93b, Cas94, EHE93,
KM94, LM94, LWX92, TH94, Vas91, Whi91].
elliptic-type [TH94]. **elliptical** [BJQBQ94].
embedded [HM94]. **emerging** [GKn91].
enclosure [Vol92]. **enclosures** [ZW90b].
End [Ram90]. **endo** [RR93]. **energy**
[FV91, HJ92]. **engineering** [DGP93].
Engquist [Vul90]. **Enhancements**
[CS92, Ada91]. **entry** [Ham94b].
environment [Pat90]. **epidemic**
[ALMS90, Yak92b, Yip92]. **epidemics**
[MO92, YGH90]. **epidemiological** [PR93].
Epstein [EHE93, TH94]. **Equation** [JV90,
AS94a, AS94b, BJQBQ94, BG94b, Da93c,
Da93d, EN94, FV91, FC93, Gol93, Gro93,
GL94, HV90, Jac90, Jin94, Jód92, KN90,

Implementing [Bre91, KMR⁺91]. **implicit**
[Abd92, HL91, JF91, JNF95, Mit90, NFJ94].
importance [YLS93]. **imprecisely**
[MDR94]. **improvements** [Mad90, Vul90].
impulse [ZXY94]. **Impulsive**
[LMS92, BKM94, EL90, SS92]. **income**
[Chu94]. **incomplete** [GSK93, SO90].
incompleteness [Cha92b, Gun94].
incompressible [BH90]. **increase** [JL93].
independence [CJZ94]. **independent**
[FLZ91, Jol92, SA94]. **Index**
[Ano90g, Ano91e, Ano92f, Ano93e, Ano94h].
induced [KS93a, MM94]. **industry**
[SPD93]. **inequalities**
[BKM94, GT91, ZED91]. **inertias** [Udw92a].
Inference
[HT90a, HT90b, Yip91, Yip92, Yip93].
infinite [Abd92, Avg94, BG94c, HM94,
Kha90, KP91, Pap94]. **infinite-dimensional**
[BG94c]. **infinity** [Sim92]. **Information**
[Cha92b, Ebe93, GSK93, MGL92, SO90].
Information-theoretic [Cha92b].
inhomogeneous [Asa92b]. **initial**
[Da93c, Da93d, Da93b, Gyö90, JNM92,
Lin94, Sim92, Sim94, SV92a, SV92b, SP93].
initial-value [Sim92, Sim94]. **input** [Bay93].
inscribed [NP92]. **instabilities** [TW90].
insulin [Bha94]. **integer** [Mor94]. **integral**
[EHE93, GB90, GM93, GL94, Gup90,
RRA90, SR90, Sen93, TH94, dK94].
integral-type [Gup90]. **integrals**
[Eva90a, Eva90b, ER94b, ER94a, GC94,
Kha90, Kha91a]. **integrated** [AaHM93].
integration
[Koh92, Red90a, Red91, Sim92, Sim94].
integro [Da93a, Gro93].
integro-differential [Da93a, Gro93].
integrodifferential
[Abd93, Da93c, Da93d, EL90, NSV92].
interacting [Pat91, Zag91]. **interaction**
[HM94]. **interactions** [SKCW94, SP93].
Interactive [SYS94, TDK94, AaHM93].
interface [Mus94]. **intergrodifferential**
[Rua92]. **internal** [Mos90, Sla91].

International [Sla93a]. **interpolation**
[ADM91, CWL92, LMV91, Ram90].
interpolations [Wan92]. **interpolatory**
[Beh92]. **interpretation** [Mos90]. **Interval**
[Mad90, Moh94, Kop90, LS91a, SW94, SS92,
ZW90b]. **intervals** [RC91]. **intravenous**
[LL94]. **Introduction** [Tes91a, Unn90].
Invariant [Kop90, Sag91, Ayo93, DGV94,
Gyö90, Sen90]. **inverse** [BL91, IM92, JM93,
Ji94, Kag91b, Pen93, RBR94, Sen90].
inversion [FLZ92, Wan93]. **invert**
[LSS94, LSVS94]. **invertibility** [MR91].
Invertible [DGV94]. **inverting** [Kwo93].
investment [Hoj94, ZP92]. **involving**
[Avg94, MFF92]. **ion** [Kub94b]. **IRK**
[Abd92]. **irrational**
[Eva90a, Eva90b, ER94b, ER94a]. **Irregular**
[Mur94]. **irrigation** [MN91]. **issue**
[DGP93, SS94b, Unn90]. **iterate**
[BG94c, Gol93]. **iterated** [GL94]. **iteration**
[NAM93, SB92]. **iterations** [LWX92].
Iterative [CZ92, JL92, MES94, EL91, Faz91,
Udw92b, UK94]. **IV** [Cha92e, ER94a].

jackknife [Bre91]. **Jacobi** [CS93, EA94]. **jet**
[CJF93]. **joined** [MS94b]. **JOR** [Udw92b].
Jordan [Sen90]. **July** [Cab95].

Kalaba
[Cas91, KKU91, Kag91b, Tes91b, Tes91c].
Kalman [CB94a, CB94b]. **kernel**
[Da93c, Da93d, NSV92]. **kernels** [Mor90].
kidney [BL91]. **kind** [Abd93]. **kinetics**
[Ten91]. **kinship** [Sch91a]. **Klein** [JV90].
knapsack [Dro90]. **knot** [Beh92]. **Kornai**
[Sos91]. **Kronecker** [MFF92]. **KSR** [Zhu94].
KSR-1 [Zhu94]. **Kutta**
[Abd92, HS94, And93].

lag [Sim92, Sim94]. **Laguerre** [RS92].
laminar [Han92]. **Landau** [Kwo93].
Laplacian [HB91]. **Lapwood**
[BH93, HB93, HB91, HB91]. **large** [She90].
largest [BG94c]. **lattice** [Mur91a]. **law**

JMV93, KB93, LqGq93, NP92, SA94, Sim94, UK94, WM91, ZW92]. **MHD** [MS94a]. **Microelectronics** [SP94]. **Microscopic** [MO92]. **midpoint** [AC94]. **migration** [Sla91, Sla93a]. **mild** [KN90]. **Minimal** [Sha94, HJ92, LS91a, Mit92, Sim94]. **minimal-energy** [HJ92]. **minimax** [Ge91]. **minimization** [VCM91]. **minimizing** [BD90]. **minimum** [Sor93]. **minimums** [BG93]. **Mixed** [HM94, Cha90a, JL92]. **Model** [Gar90, BL91, BG94b, CFT$^+$93, Fre90, GP94, IM92, KPP93, KK90, Kub94a, LL94, Mos90, Pap94, Pat90, PS94b, PR93, PBL92, Sos91, SHR94, SMO91, Ten90, Whi91, Whi93, Yak92b, Yip92, Yip93, Zhe93, Con93c]. **modeled** [Szi90]. **Modeling** [BMS92, YF91, Bog91, Han92, Kag91b, Ros93, YGH90]. **models** [AS90, AS92, AB94, BH93, Ben92, EB91, HT90a, HT90b, HB93, HB91, Ham94b, KM94, MN91, NP92, Pat93, Pat91, Raj92, Ros93, RW93, Sla91, SO90, TA93, VS90, WM91]. **modified** [BTW94, KMR$^+$91, LS91b, TM92]. **modifier** [KK91]. **Modular** [Car90]. **modulated** [Reg94]. **molecules** [KK91]. **monitoring** [NA91]. **Monotone** [EL91, LWX92, Vol92, AS92, Cab94, Cab95, JL92]. **Monte** [RBR94]. **MOSI** [Bar91]. **motion** [BH90, KU92, RW93]. **MUDPACK** [Ada91, Ada93b]. **MUDPACK-2** [Ada93b]. **Multi** [YLS93, MDR94, Wam92]. **Multi-attribute** [YLS93, MDR94]. **multi-homogeneous** [Wam92]. **multiattribute** [Mal91, MW93]. **multiblock** [SW92]. **Multicriteria** [MFS93, Tes91c]. **multicriterion** [CDW91, DGP93]. **multidelay** [FLZ91]. **multidimensional** [Kon92]. **multidisciplinary** [SHR94]. **multifacility** [Pes91]. **multigrid** [Ada91, Ada93b, CWL92, Hei91, Hei93a, Hei93b, HV90, Hua91, Koč92, MP90, NW90, Spi90, Vol92, Zas93]. **multigroup** [Zas93].

Multilevel [Vas91]. **multiobjective** [AaHM93, TDK94]. **multiparameter** [ASZ94]. **multiphase** [Zhu94]. **multiple** [KS92a, Mal93, Sav93, WN91]. **multiple-criteria** [Mal93]. **multiplicity** [HSZ94]. **multisector** [Pap92]. **multiserver** [MES92]. **multisinusoidal** [Bay93]. **multisteps** [JMV93]. **multivalued** [TGK91]. **multivalued-logic** [TGK91]. **mutual** [MGL92]. **mutualism** [Zag91].

Nagumo [Jac92]. **narrow** [RW93]. **Naslund** [Sar93]. **nations** [Chu92, Chu94]. **Natural** [MS93a]. **naturality** [NAM93]. **Navier** [VWSS94]. **Necessary** [FLZ91, BD90, Gun92]. **neighborhood** [Mit90]. **network** [FLZ92, FLYD94, Pat92, PS94b, Wan93]. **networks** [AH94]. **Neumann** [HKLS93, HKLS93]. **Neural** [FLZ92, FLYD94, AH94, Wan93]. **neuron** [CFT$^+$93]. **neuronal** [HT90a, HT90b]. **neurons** [KCK91]. **neutral** [CUK92, GL92, GS94b, LG94]. **neutron** [Zas93]. **Newton** [Arg94, Mad90, Mur92, ZW90a, ZW92]. **Newton-like** [Arg94]. **Newton-type** [ZW92]. **Nicolson** [Jin94]. **no** [Ham92]. **no-slip** [Ham92]. **node** [Pat92]. **noise** [TW90, VS90]. **noise-in-variables** [VS90]. **Non** [Da93b]. **Non-smooth** [Da93b]. **nonclassically** [UK94]. **Noncollocated** [Udw91, Udw92a]. **nonconvergence** [SB92]. **nondifferentiable** [SW94]. **nondispersive** [Udw91, Udw92a]. **nonequidistant** [Vul90]. **nonhomogeneous** [NFJ94]. **noniterative** [Faz90]. **Nonlinear** [ARM94, Gar90, JV90, SA94, Abd92, Asa92b, CN90, Cab94, Cab95, CZ92, CUK92, Da93a, ES93b, EL90, FLG92, Ge90b, GP94, GT91, GS94b, Gup90, HSZ94, KT91, Kum92a, LqGq93, LWX92, MM91, MW93, Pen93, PPS94, Sav93, ŠNG92, Ste94, TA93, TFM93, Vev92, Vol92, Whi91, Whi93, YF91, PS94a].

nonlinearities [KS92a]. **Nonlinearly**
[TLG90]. **nonnegative** [Gyö90].
nonoscillation [ES93b]. **Nonparametric**
[Ahm93, Sch91b, PY94, TT90a, TT90b].
nonsmooth [Da93d]. **nonstandard**
[Kon92, SV92a, SV92b]. **nonstationary**
[Szi90]. **nonsymmetric** [Jód92]. **nontrivial**
[Gyö90]. **Norm** [Cai93, Cro93]. **normal**
[BG94c]. **norms** [Da93b]. **not-a-knot**
[Beh92]. **note**
[AS94a, Cha93, CAQ93, FG94a, Mac93,
MS92a, Red91, Sem92, Sen93]. **nuclear**
[FEGL90, FE90b]. **nuclear-medicine**
[FEGL90]. **null** [CUK92].
null-controllability [CUK92]. **number**
[Cha93, CB94a, KCS90, RWB94, Wam92].
Numerical [CJF93, IPP91, JV90, JMV93,
KR91, LS93a, Red90b, SKCW94, WM91,
ADM91, Asa92b, FV91, GM93, Ham94a,
JF91, KN90, Kha90, Kha91b, Kha92, Koh92,
LW90, Li94, LWX92, LF94, PS94b, Red90a,
Red91, Sim92, Sim94, SV92a, Waz93].
numerical-integration [Red91]. **NURBS**
[SYS94].

observation [Cic93b, CB94b].
observations [CB94a, CB94b, FC93].
observers [CB94a]. **obsevability** [MM91].
obstacles [LSP91]. **ODE** [Liq91]. **ODEs**
[And93, IST93, SB92]. **oligopolies** [SY93].
oligopoly [SO90]. **one** [Kum92a].
operation [EB91, PL93]. **operational**
[CS93]. **operator**
[CZ92, DDL93, JL92, Kwo93]. **operators**
[Cai93]. **optical** [FE90b]. **optics** [Pen93].
Optimal
[Avg94, Chu94, CH93, Gar90, TT90a, TT90b,
GGR91, KP91, Pic92, RTJL92, TLG90].
optimal-control [TLG90]. **Optimality**
[Cha91]. **optimization** [AaHM93, Ge90a,
GQ90, Kag91b, Moh90, SW94]. **Optimum**
[Kum92a, Hoj94, ZP92]. **orbits**
[DFM94, FG94b]. **Order**
[And93, LW94, Abd93, Ayo93, BKM94,

CN90, Cab94, Cab95, DDL93, Ebe93, EN94,
ES93b, ESS94, ES94, Ela94, FT94, GM94,
GL92, GS94b, Gup90, GK94, IST93, JNM92,
JL93, JV94, JNF95, KB93, KS93b, LG94,
Lop92, NFJ94, OT92, OT93, ŠNG92, Sim92,
Sim94, SV92b, YLS93, ZA91]. **orders**
[ES93a, Ioa92, MTP93]. **ordinary**
[Jia94, ŠNG92, XYY94]. **ORESTE**
[MTP93]. **Organ** [FEGL90]. **origin** [Kai91].
orthogonal [Kin91]. **Orthogonality**
[Sri94, RS92]. **orthonormal** [RK93].
orthotropic [enNAa94]. **Oscillation**
[ES93b, GL92, LYC93, LG94, KS92b].
Oscillations [Mur93, Phi92, Mur94, ZA91].
Oscillators [ARM94]. **Oscillatory**
[Ela94, ESS94, ES94, GS94b, Kha90]. **Osher**
[Vul90]. **Ostrowski** [PP93]. **other** [Mat93].
outflow [Sem92]. **overlapping** [WN91].

Pacific [Sim92]. **package** [Ada91]. **Padé**
[Kum92b]. **Parabolic** [SP93, CW91, CW92,
Da93c, Da93d, Da93b, Kor92, Lin94].
paradox [CM90]. **Parallel** [HL91, BS93,
Cro93, EA94, Koł94, MO93, SH92, Zhu94].
parallel-series [Koł94]. **parameter**
[Cic93a, MSLB92, MS92b, SA94, Siv92,
Udw91, Udw92a]. **parameter-dependent**
[MSLB92]. **parameters**
[BJQBQ94, Lan92, Whi91, Whi93, ZXY94].
paribus [Mat93]. **part**
[BH93, HB93, MS93c, MK93]. **partial**
[Ada91, Ada93b, BKM94, BG94b, Da93b,
JF91, LWX92]. **partition** [SB92].
partitioning [Cha91]. **parts** [Car90].
patching [Hei93b]. **paths** [Mur91a].
Pattern [Wu94]. **PDE** [Fun91, KM94].
PDEs [Vol92]. **pellet** [CK90]. **penalty**
[RTJL92, Yak92a]. **Perfect** [AB94].
performance [Ahm93]. **Periodic** [ŠNG92,
CN90, CW91, CW92, Jia94, Kor92, LAK94,
Liq91, Liu94, Mor90, OT92, WJ92, XYY94].
Perron [DDL93]. **persistence** [Zag91].
person [SMO91]. **Perturbation** [Red90b,
BS93, JR93, Red90a, Red91, Sel94, Sem92].

perturbed [Bai91, KB93, Lop92, VB92].
phase [Ham94b, Sim92, Sim94]. **phase-lag**
[Sim92]. **phased** [Bay93]. **phenomena**
[PA94]. **phenomenon** [FE90a].
photometric [Koz91]. **Physical**
[Sla91, Mus94]. **Physical-based** [Sla91].
physics [Mat93, Wer93]. **piecewise**
[Beh92, Kop90]. **piezo** [Bal94].
piezoelectric [Ade94]. **pipe** [Mei93]. **plane**
[Knu93]. **planning** [KP91, Rap92]. **plant**
[Bay93, RBR94]. **plasma** [CK90].
plasma-arc [CK90]. **plate**
[HM94, RW93, Whi91, Whi93]. **plates**
[Bal94]. **point** [Faz90, GM94, Gun94, KS93b,
LMS92, Lop92, ML90, MFF92, Pes91, SV94,
Sor93, Szi90, TM92, Udw91, ZW90a].
point-to-set [Szi90]. **Points**
[LW94, FT94, JL93, Lop92, Sor94, Sor97].
pointwise [Pic92]. **Policies** [Gar90].
Polynomial
[Rug93, Beh92, HV90, MMP90, MS93a,
MS93b, MS92c, MS92b, VBH91, Wam92].
polynomials [CS93, LS93a, MS93b, MM94,
RS92, Sri94, TCS92, dFFG94]. **Population**
[BD90, ES90, Sla93b]. **populations**
[LF94, Pat91, PS94b, Zag91]. **porous**
[BH90, BH93, Ezz94, HM94, HB93, Ham94b,
Zhu94]. **position** [Bal94]. **positive**
[Hua91, Sha94, Udw92b]. **positive-definite**
[Udw92b]. **positone** [ASZ94]. **possible**
[Gun92, Mos90]. **potential**
[CFT⁺93, MS94b, WN91, Wer93]. **power**
[DHK90, NA91]. **Practical**
[FL94, FLG92, SHR94]. **prebiotic** [Ten91].
preconditioned [HV90]. **preconditioners**
[Vas91]. **preconditioning**
[Dos90, Hei93a, Rug93]. **prediction** [Zhe93].
Preface [DGP93]. **presence** [TW90].
presentation [CS93]. **pressure**
[Bar91, Cha90a, VWSS94].
pressure-correction [Bar91]. **price** [GP94].
prices [KPP93]. **Prime** [KCS90]. **principle**
[Mos90, Mur91b]. **principles** [FE90b]. **prior**
[Sch91b]. **priori** [CH93]. **probabilistic**

[BBD91]. **Probability** [MS93b, MS93a].
problem [Asa92b, BS93, BL91, Cha90a,
CXL94, EN92, Gup90, GK94, IM92, IPP91,
JL93, KP91, LM94, Moh94, Pen93, Pes91,
Sim94, Uen91, War94, Waz93, ZXY94].
Problems
[Red90b, ASZ94, Asa92a, Avg94, Bai91,
CN90, Cab94, Cab95, Cas94, CW91, CW92,
EL90, Faz90, GS94a, Ge91, GM94, HSZ94,
Hei93b, JR93, JNM92, KB93, Kag91b,
KS93b, KS92a, Koč92, LMS92, Mal93,
MSLB92, ML90, MFF92, OT92, OT93, PA94,
Red90a, Red91, RTJL92, SV94, ŠNG92, Sel94,
Sem92, SS94a, She90, Sim92, SV92a, SV92b,
Ste94, TLG90, TFM93, TM92, Vas91, WJ92].
procedural [Mad90]. **procedure**
[BTW94, GG91a, Siv92, Yip92, Yip93].
process [TM92]. **processes** [CC94, GSK93].
producer [SM94]. **product** [Cai93, Mit92].
products [MTP93, MFF92]. **program**
[Cha92c, Cha92d, Cha92a, Cha92e, PZ94,
Zhe93]. **program-size**
[Cha92c, Cha92d, Cha92a, Cha92e].
programming
[EB91, Flå92, Ge91, Hoj94, KKM90, TDK94].
programs [Pap92, Yak92a]. **project**
[CDW91]. **projection** [Cro93, GB90].
projections [Kha94]. **projective** [Yan94].
Projector [Dos90]. **proof** [Gun94, SH92].
propagation [enNAa94]. **properties**
[Liq91, MM94, PSMM93]. **property**
[Jac90, NG94, RS92]. **pruning** [LSS94].
Pseudospectral [Fun91]. **Pták** [AC94].
putting [PZ94].

Quadratically [SV92a]. **quadrature**
[MS92a]. **quadrilateral** [Wan94].
Qualitative [GP94, LL94]. **quality**
[Bog91, SPD93]. **Quantitative** [Han92].
quartic [SV94]. **quasi** [JM93, JL92].
quasi-solutions [JL92].
quasi-three-dimensional [JM93].
quasiconcave [AaHM93]. **quasiconvex**
[AaHM93]. **quasisteady** [Raj92]. **queue**

[MES92]. **queueing** [Sos91]. **queues**
[MES94]. **quintic** [Ste94].

racemic [Ten91]. **radial** [Cas94].
Radiation [Rap92, FE90a, HM94]. **railgun**
[CK90]. **Randles** [Mac93]. **Random**
[Ben92, SU90a, SU90b, LS93a, PY94, SW91].
randomly [How94]. **rank** [Kai91]. **Rapid**
[VCM91]. **rate** [Bal94, Cic93b]. **rates**
[CB94b]. **rather** [Mat93]. **Rational**
[Jód92, O'N90, PZ94]. **reaction**
[KCK91, Yee93].
reaction-convection-diffusion [Yee93].
reaction-diffusion [KCK91]. **reactor**
[Zas93]. **reactors** [CK90, Faz91]. **real**
[Sha94, Wan93]. **real-time** [Wan93].
realistic [AB94]. **realization** [LS93b].
recapture [Yip93]. **reclamation** [GGR91].
recognition [Wu94]. **reconciliation**
[Vev92]. **Reconstruction** [FG94b, Kha94].
reconstructions [Li94]. **recourse** [Yak92a].
recourse-constrained [Yak92a].
rectification [Reg94]. **recurrent** [Wan93].
recursive [NAM93]. **reduction**
[Jac93, Sen93]. **reductionism** [Con93a].
reflection [NSV92]. **regard** [BD90].
regeneration [BD90]. **regions** [SW91].
Regression [Pat91, Kum92a, TA93, VS90].
regular [JNM92, JL93]. **regularization**
[dFFG94]. **regulator** [TFM93]. **Reid**
[ZED91]. **related** [CS93, Udw92b].
relations [Sri94]. **Reliability**
[NA91, Koł94, PL93]. **reliability-based**
[PL93]. **reliablity** [AB94]. **relief** [VWSS94].
Remarks [Cab95, Kai91, OT92, OT93].
renewal [Pat90, Pat92]. **representation**
[ES90, Mor90]. **representations** [Sla93b].
reservoir [EB91]. **residue**
[Eva90a, Eva90b, EHE93, ER94b, ER94a].
Resolution [Lap92, Ada93b, Dav94, FG94b,
FE90a, Kha91b, Sch92].
Resolution-limited [Lap92]. **resonance**
[GK94]. **resources** [PL93, TDK94]. **respect**
[YLS93]. **results**

[HSZ94, Udw92b, ZL90, dFFG94]. **retarded**
[EN94]. **reverse** [NG94]. **review**
[AR90a, AR90b, Ham94b, MU90a, MU90b].
revisited [Son93]. **revolution** [Wer93].
Riccati [JN91, Jód92, LAK94]. **Richtmyer**
[HKLS93]. **ridge** [Cic93a, Cic93b, Cic92].
ridge-type [Cic93a, Cic93b, Cic92].
Riemann [Ayo93, IPP91]. **risk** [BBD91].
river [Bog91]. **RLS** [FLYD94]. **Robert**
[Tes91b, Tes91c]. **Robust** [TA93]. **root**
[PP93]. **root-finding** [PP93]. **Roots**
[ZG90, Sav93]. **Ross** [FG94a]. **rotation**
[VCM91]. **Routing** [MW93]. **row** [LSS94].
row-pruning [LSS94]. **Rules** [Con93a].
Runge [Abd92, And93, HS94].

s [ASZ94]. **s-shaped** [ASZ94]. **safety**
[VWSS94]. **Saffman** [BH93, HB93].
salesman [Dro90, War91, War94]. **sample**
[Bha94, BP92, CC94]. **sampling**
[Cic93b, MGL92, PSMM93, RBR94]. **scale**
[She90]. **scattering** [Lan92]. **Scheme**
[HKLS93, CS92, Jol92, KCS90, Lop92,
MEZI93, Vul90]. **Schemes**
[JV90, FV91, HL91, Jim94, Sel94, SV92a].
Schmidt [TM92]. **Schroeder** [Bay93].
Schroeder-phased [Bay93]. **Screening**
[MDR94]. **search** [Bad93, Cha91]. **secant**
[Arg90]. **second**
[CN90, ES93b, ESS94, ES94, Ela94, FT94,
GM94, GL92, JL93, JV94, KS93b, LG94,
Lop92, OT92, OT93, Sim92, Sim94, ZA91].
second- [OT92, OT93]. **second-order**
[ES93b, GM94, JL93, JV94, Sim92, Sim94].
section [Bog91]. **sectional** [Cha91].
sectionally [Ioa92]. **seek** [Hoj94, ZP92].
selection [CDW91, TW90]. **Self**
[KS92b, BG94a, MSLB92, Shi93].
self-adjoint [MSLB92]. **self-creation**
[Shi93]. **self-evaluation** [BG94a].
Self-sustained [KS92b]. **semi**
[Abd92, HM94, WJ92]. **semi-infinite**
[Abd92, HM94]. **semi-periodic** [WJ92].
semidiscrete [Jac90, Jac92]. **semigroups**

[Opp92]. **semiinfinite** [RC91]. **semilinear**
[CW91, CW92]. **semimartingale**
[TT90a, TT90b]. **semipositone** [KS92a].
Sensitivity [Cic93b, CB94a, CB94b, Eno90,
Pap94, Tes91b, dK94]. **sensors** [Bal94].
Separated [And93]. **separation** [Mur91b].
series [BCG91, BG94b, EHE93, Kin94,
Koł94, Kum92b, RRA90, Wu94, YF91].
series-parallel [Koł94]. **servers** [MES92].
services [Pat92]. **Set**
[Sch91a, Bad93, BBD91, Bay93, Kin91, Szi90].
Set-spectrum [Sch91a]. **sets**
[RK93, Yan94]. **Sevcik** [Mac93]. **several**
[AB94, SA94]. **shallow** [HF93]. **Shape**
[Bal94]. **shaped** [ASZ94]. **Sharp** [Gyö90].
shells [HF93]. **shift** [DGV94].
shift-invariant [DGV94]. **shocks** [HLW94].
shooting [GM94, WJ92]. **shortage** [Sos91].
shortest [Wai90]. **sign** [Gup90].
significance [HB91]. **simple**
[KKM90, Yip92]. **SIMPLER** [Bar91].
Simulating [Zhu94]. **Simulation**
[Ade94, Raj92, ALMS90, Raj94, WN91].
simulations [LF94, RBR94, SS94b].
simultaneous [VS90].
simultaneous-equations [VS90]. **Sinc**
[MSLB92]. **sine** [Eva90b, FV91].
Sine-Gordon [FV91]. **Single**
[Ham94b, Li94]. **Single-phase** [Ham94b].
Singular [Red90b, BS93, CW91, CW92,
Da93c, Da93d, EN92, GB90, GM93, Gro93,
JR93, JNM92, JL93, LM94, RBA92, Red90a,
Red91, Sel94, Sem92, SR90, Sen93, ZXY94].
singularity [Ioa92, KN90]. **singularly**
[KB93, Lop92, VB92].
singularly-perturbed [KB93]. **sink**
[BH93]. **sinusoids** [Reg94]. **size**
[Cha92c, Cha92d, Cha92a, Cha92e].
slackness [Moh90]. **slip** [Ham92]. **Sloan**
[Gol93]. **Slope** [ZW92, ZW90b]. **slotted**
[Sch92]. **slow** [Mur91b]. **slow-fast** [Mur91b].
slowly [SS94a]. **small** [Bha94]. **smallest**
[BG94c]. **smooth** [Da93c, Da93b].
smoothed [Sla93b]. **smoothing**

[Jac90, Sla93a]. **software**
[Ada91, Ada93b, MTP93]. **solid**
[Abd92, CK90]. **solid-hydrogen-pellet**
[CK90]. **solidification** [Fre90]. **solitons**
[Wer93]. **Solution**
[ARM94, Cha90b, MFF92, RC91, EHE93,
Gro93, Jia94, JN91, JF91, JNM92, KN90,
Kin93, Kin94, Liq91, MES92, MES94,
NFJ94, SR90, SS94a, Siv92, Waz93, Yee93].
Solutions [RRA90, SV92b, AS94b, AR93,
CN90, Cas94, CW91, CW92, ESS94, ES94,
Ela94, Ge90b, GS94b, JL92, Jód92, JV94,
LS91a, Lin94, LWX92, Liu94, MS92c, OT92,
OT93, RK93, She90, TM92, XYY94, Zag92].
solvability [GK94]. **solve** [Mor94].
solvents [TCS92]. **solver** [NW90]. **Solving**
[Ge91, JL93, KT91, SV94, Abd93, GT91,
HV90, IST93, JR93, KS93b, LqGq93, Mit90,
NP92, PS94a, Pes91, Red90a, Red91, Sel94,
VBH91]. **Some** [FC93, HSZ94, MM94,
Sim94, Udw92b, Vul90, FS94, GB90, IST93,
Koł94, Mad90, TT90a, TT90b]. **space**
[Ezz94, Liu94]. **spaced** [Koh92]. **spaces**
[Arg90, AC94, CAQ93, Cro93, KCS90].
spacing [Spi90]. **spanning** [Moh94]. **spatial**
[FE90a]. **Spatially** [Den90]. **Special**
[SS94b, War94, DGP93, Sim94, SP94, Unn90].
specifications [EB91, NAM93]. **Spectral**
[Hei93b, Hei91, Hei93a, KS93a, Opp92,
RWB94, TCS92]. **spectrum** [Sch91a].
spherical [HF93, IM92]. **Spline**
[Wan92, Beh90, BG93, Ham94a, KB93,
Liq91, Ram90, Ste94]. **splines** [HJ92, SV94].
splittings [Dav94]. **spreading** [CFT$^+$93].
sprinkler [MN91]. **square** [LYX$^+$93, TM92].
squared [LMV91]. **squared-magnitude**
[LMV91]. **squares** [CXL94]. **Stability**
[EN94, Lop92, Ten90, Zag91, ZL90, FLZ91,
FLG92, FL94, GS94a, JNF95, KS93b, LS91b,
Rua92, VB92]. **Stabilizing**
[LSVS94, TFM93]. **stable** [Sim92].
Stackelberg [SMO91]. **standardized**
[BD94]. **start** [VBH91]. **State**
[Ezz94, EB91, MS93c, MK93, Pat90, Siv92].

state-variable [Pat90]. **stationary**
[Han92, MS94a]. **Statistical** [Bay93, Yip93].
statistics [CH93]. **steady** [BH90, Siv92].
steady-state [Siv92]. **Stefan** [Asa92a].
stencil [Li94]. **step** [RTJL92, Sim92, Sim94].
stepping [Siv92]. **Stepsize** [And93]. **stereo**
[Koz91]. **Stochastic** [AR90a, AR90b,
MU90a, MU90b, Nam90a, Nam90b, Sha90a,
Sha90b, Uen91, EB91, FLG92, FL94, HT90a,
HT90b, Heu90a, Heu90b, Moh94, Pat91,
PS94b, TT90a, TT90b, Unn90, Yak92a].
stochastic-dynamic-programming
[EB91]. **stock** [GP94, PBL92].
stock-holding [PBL92]. **stocks** [Den90].
Stokes [Cha90a, VWSS94]. **storage** [FS94].
stratification [GG91a]. **stratified**
[PSMM93]. **stream** [Raj94, RC91]. **strict**
[Moh90]. **strings** [Cha93, Ebe93]. **strokes**
[NW90]. **strongly** [JN91]. **structural**
[Ben92]. **Structure**
[LqGq93, KK91, PBL92, Sch91a, Wan94].
Structured [YS94]. **studied** [KK91].
studies [Kub94b, SKCW94]. **study**
[Koč92, Kor92, LL94]. **Sturm** [WJ92].
Subbotin [Beh90]. **Subject**
[Ano91e, Ano92f, Ano93e, Ano94h].
suboptimal [TFM93]. **subspaces**
[KCS90, Sen90]. **substrates** [Zag92].
substructuring [Vas91]. **sufficient** [FLZ91].
suitability [GG91a]. **sum** [Mit92].
sum-of-product [Mit92]. **summary** [SA94].
Summation [Mur91a].
Summation-over-paths [Mur91a]. **Sums**
[MMP90, PY94]. **supersonic** [CJF93].
support [KPP93, Mal93]. **Surface**
[KM94, Knu93, BTW94, MS94b]. **survival**
[MU90a, MU90b]. **sustained** [KS92b].
Sweeping [Kwo93]. **Symbolic** [GG91b].
symmetric
[Hua91, LSVS94, Sha94, Udw92b]. **system**
[Ge90b, Gun93, KKU91, Liq91, Mal93,
Mor94, Mur91b, PL93, Sag91, Sav93, Son93,
TGK91, VBH91, VB92]. **Systems**
[And93, Ayo93, CUK92, EL91, FT94, FLZ91,

FLG92, FL94, GG91b, JF91, JNF95, Koł94,
Kon92, Kor92, LMS92, LSP91, LqGq93,
Li94, LS91b, MM91, MS94c, MS92c, MR91,
NFJ94, NA91, O'N90, Rua92, SP93, Udw91,
Udw92a, UK94, VBH91, Wam92, ZXY94].

taken [BD90]. **tangent** [Knu93]. **target**
[Ahm93]. **Taylor** [FG94a]. **teacher** [Cas91].
technique
[Bad93, BG94c, JM93, RK93, dK94].
Techniques [Red90b, BBD91, Cic93a,
Hei93b, Jac93, MM91, Vol92]. **term**
[Kin94, Kum92a]. **test** [GG91a]. **testing**
[Bha94, TA93]. **tests** [Cha91, ZW92]. **th**
[FLG92, SV92b]. **their** [KCS90]. **theorem**
[Arg94, FG94a, Gun94, KP91, Opp92].
theorems [AS90, ES90, GL92, LG94].
theoretic [Cha92b]. **Theoretical** [Bog91].
theory [ADM91, Cas94, Chu92, CH93,
Eva90a, Eva90b, EHE93, ER94b, ER94a,
Heu90a, Heu90b, KN90, MS93c, MK93,
Opp92, PY94, Unn90]. **theraphy** [Rap92].
Thermally [Mei94]. **Third**
[KB93, EN94, OT92, OT93]. **Third-order**
[KB93, EN94, OT92, OT93]. **Three**
[RWB94, CS92, JM93, Lop92, Mur91b,
WM91]. **three-dimensional**
[CS92, Mur91b, WM91]. **three-point**
[Lop92]. **time**
[BD90, BTW94, CW91, Da93c, Da93d,
FL94, KPP93, Kum92b, Lin94, MS94c,
NG94, Pap94, Pat91, PS94b, PY94, RTJL92,
TLG90, Udw91, Udw92a, Wan93, Wu94].
time-delay [FL94]. **time-dependent**
[MS94c, PS94b]. **time-periodic** [CW91].
time-reverse [NG94]. **tip** [Udw92a].
Toeplitz [LSVS94, Mor94, Sha94]. **tokamak**
[VCM91]. **tomographic** [Kha94].
tomography [FEGL90]. **tool**
[MU90a, MU90b]. **topological** [Sch91a].
topology [SW92]. **toroidal** [VCM91].
Torsional [enNAa94]. **Tours** [War91]. **toxic**
[Pat90]. **tracking** [PS94b]. **tradeoffs**
[PL93]. **training** [AH94]. **transfer** [HM94].

transform [Kha92]. **transformation**
[Cic92, Faz90, Faz91]. **transformations**
[DGV94, Ge90a, Kop90]. **transforms**
[GM93]. **transient** [IBS94]. **transmission**
[LL94]. **transport** [BMS92, PA94, Pat90].
travel [Sla93a]. **traveling**
[Dro90, War91, War94]. **treatment**
[LS93a, Rap92]. **tree** [Moh94, Pes91].
Trench [LSVS94]. **triangle** [Fun91].
triangularization [SH92]. **triangulations**
[Wan92]. **tubular** [Faz91].
turbomachinery [JM93]. **turbulence**
[SKCW94]. **turbulent** [Raj92, Raj94].
Turning [LW94, Lop92]. **Two**
[FV91, BH93, Bar91, Da93a, Faz90, GM94,
GL94, HV90, KS93b, LMS92, Mit90, ML90,
MFF92, NSV92, SV94, Sim92, TM92, Zag92].
two-dimensional
[BH93, Bar91, GL94, HV90, NSV92].
two-point [Faz90, GM94, KS93b, LMS92,
ML90, MFF92, SV94, TM92]. **two-step**
[Sim92]. **type**
[Arg94, Cic92, Cic93a, Cic93b, EN94,
EHE93, Gup90, LMV91, MS94b, MEZI93,
MS94c, TH94, Wan92, ZL90, ZW92]. **type-2**
[Wan92]. **types** [CB94a, CB94b].

unbounded [VB92]. **uncertainty**
[KPP93, Mal93, Sar93]. **Unconstrained**
[Moh90]. **unequally** [Koh92]. **unexpected**
[Pat92]. **unified** [CS93, Jol92]. **uniform**
[Ada93b]. **uniqueness** [GS94a, Koz91].
university [CM90]. **Unprogrammability**
[Gun93]. **unsteady**
[CJF93, Ezz94, Raj92, Raj94]. **until** [PY94].
upper [OT92, OT93]. **urine** [WM91]. **use**
[Ham94a, PZ94]. **used** [BG94c]. **users**
[LL94]. **Using**
[Hoj94, SB92, ZP92, Bar91, Bay93, BTW94,
BP92, CWL92, CDW91, Eva90b, EHE93,
GG91b, Hei93b, MM91, Moh90, MS92c,
RBR94, RK93, Sav93, Sel94, Udw91,
Udw92a, VBH91, Vol92, WN91, ZW90b].
utility [AaHM93, Mal91].

validation [RW93]. **value**
[Bai91, CN90, Cas94, EL90, Faz90, GM94,
Gup90, GK94, HSZ94, JNM92, KB93,
KS93b, LMS92, LM94, ML90, MFF92, OT92,
OT93, PA94, SV94, ŠNG92, SS94a, SW91,
Sim92, Sim94, SV92a, SV92b, Ste94, TM92].
valued [SS91]. **values** [Gyö90, Lan92].
valve [VWSS94]. **variable**
[Eva90a, EHE93, ER94b, ER94a, KB93,
LqGq93, Pat90, Sim94]. **variable-mesh**
[KB93]. **variable-step** [Sim94]. **variables**
[EB91, Jol92, Mit90, SA94, VS90]. **Variance**
[Jac93]. **Variation**
[ZXY94, SA94, CB94a, CB94b]. **Variational**
[CK90, LSP91, Knu91, Koč92]. **varying**
[SS94a]. **Vector**
[ZG90, CC94, Rug93, ZM91]. **vectorized**
[HV90]. **vehicle** [Mat93]. **velocity**
[MS94a, Raj94]. **velocity-current** [MS94a].
version [Mit92]. **versus** [HV90]. **verticum**
[MS94c]. **very** [Kha90]. **via**
[BS93, Ge91, HKLS93, RC91, RRA90, Sen90,
TM92, VCM91, XYY94]. **vibration** [HF93].
visibility [BD94]. **Voigt** [LW90]. **Volterra**
[Abd93, GL94, Mor90, Rua92, YF91, ZL90].
Volterra-series [YF91]. **volume** [And90].
volumes [Ano91e, Ano92f, Ano93e, Ano94h].
vs [RBR94].

water [Bog91, GGR91, MN91, PL93]. **wave**
[enNAa94, Jac90, Reg94]. **way** [Mat93].
Weak [Cro93, Hua91]. **weakly**
[Da93c, Da93d, Pap92]. **weapon** [Ahm93].
Weibull [BP92, Sos91]. **weight** [Da93b].
weighted [VS90]. **weighting** [CH93, Lin94].
well [ML90]. **well-conditioning** [ML90].
widely [BJQBQ94]. **wishes** [Kag91a].
within [Mur93]. **Work**
[Tes91b, Tes91c, Kag91b]. **World**
[Sla93b, Mus94].

Yamamoto [Arg94]. **Yamamoto-type**
[Arg94].

zero [PY94]. **zeroes** [KS92a]. **zeros** [ZW90a].

References

Al-alwani:1993:IIM

[AaHM93] Jumah E. Al-alwani, Benjamin F. Hobbs, and Behnam B. Malakooti. An interactive integrated multiobjective optimization approach for quasiconcave / quasiconvex utility functions. *Applied Mathematics and Computation*, 54(2–3):241–257, March 15, 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039390061I`.

Azaiez:1994:PAB

[AB94] M. Naceur Azaiez and Vicki M. Bier. Perfect aggregation in Bayesian estimation for several realistic reliablity models. *Applied Mathematics and Computation*, 64(2–3):139–153, September 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300394900590`.

Abdalkhani:1992:NCS

[Abd92] J. Abdalkhani. The nonlinear cooling of a semi-infinite solid–implicit Runge–Kutta (IRK) methods. *Applied Mathematics and Computation*, 52(2–3):233–237, December 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (elec-

tronic). URL `http://www.sciencedirect.com/science/article/pii/009630039290080K`.

Abdalkhani:1993:HOM

[Abd93] J. Abdalkhani. Higher order methods for solving Volterra integrodifferential equations of the first kind. *Applied Mathematics and Computation*, 58(1):97–101, September 15, 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039390045G`.

Argyros:1994:MMB

[AC94] Ioannis K. Argyros and Dong Chen. The midpoint method in Banach spaces and the Pt\^ak error estimates. *Applied Mathematics and Computation*, 62(1):1–15, April 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300394901295`.

Adams:1991:REM

[Ada91] John C. Adams. Recent enhancements in MUDPACK, a multigrid software package for elliptic partial differential equations. *Applied Mathematics and Computation*, 43(1):79–93, May 1991. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300391900955`.

Adamatzky:1993:ICA

[Ada93a] Andrew I. Adamatzky. Implantation of cellular automata. *Applied Mathematics and Computation*, 55(1):49–71, April 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039390005Y`.

Adams:1993:MMS

[Ada93b] John C. Adams. MUDPACK-2: multigrid software for approximating elliptic partial differential equations on uniform grids with any resolution. *Applied Mathematics and Computation*, 53(2–3):235–249, February 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039390104M`.

Adeff:1994:SAP

[Ade94] Sergio E. Adeff. Simulation of axisymmetric piezoelectric devices. *Applied Mathematics and Computation*, 65(1–3):355–369, September/October 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300394901880`.

Ammar:1991:EIT

[ADM91] G. Ammar, W. Dayawansa, and C. Martin. Exponential interpolation: theory and numerical algorithms. *Applied Mathematics and Computation*, 41(3): 189–232, February 1991. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039190025I`.

Adeli:1994:ACG

[AH94] H. Adeli and S. L. Hung. An adaptive conjugate gradient learning algorithm for efficient training of neural networks. *Applied Mathematics and Computation*, 62(1):81–102, April 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300394901341`.

Ahmad:1993:NEC

[Ahm93] Ibrahim A. Ahmad. Nonparametric estimation of the CDF of weapon effectiveness on target performance. *Applied Mathematics and Computation*, 57(2–3):289–303, September 1, 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300393901536`.

Allen:1990:MAS

[ALMS90] Linda Allen, Truman Lewis, Clyde F. Martin, and Mark Stamp. A mathematical analysis and simulation of a localized measles epidemic. *Applied Mathematics and Computation*, 39(1): 61–77, September 1990. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (elec-

tronic). URL `http://www.sciencedirect.com/science/article/pii/009630039090122J`.

Anderson:1990:GCV

[And90] Dale A. Anderson. Grid cell volume control with an adaptive grid generator. *Applied Mathematics and Computation*, 35(3): 209–217, February 1990. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300390900422`.

Andrus:1993:RKM

[And93] Jan Frederick Andrus. A Runge–Kutta method with stepsize control for separated systems of first-order ODEs. *Applied Mathematics and Computation*, 59(2–3): 193–214, December 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039390089W`.

Anonymous:1990:EBa

[Ano90a] Anonymous. Editorial Board. *Applied Mathematics and Computation*, 35(1):ii–iii, January 1990. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039090088K`.

Anonymous:1990:EBb

[Ano90b] Anonymous. Editorial board. *Applied Mathematics and Computation*, 36(1):ii–iii, March 1990.

CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039090070J`.

Anonymous:1990:EBc

[Ano90c] Anonymous. Editorial Board. *Applied Mathematics and Computation*, 37(1):ii–iv, May 1990. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039090105C`.

Anonymous:1990:EBd

[Ano90d] Anonymous. Editorial Board. *Applied Mathematics and Computation*, 38(1):ii–iii, July 1990. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039090076F`.

Anonymous:1990:EBe

[Ano90e] Anonymous. Editorial board. *Applied Mathematics and Computation*, 39(1):ii–iii, September 1990. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039090117L`.

Anonymous:1990:EBf

[Ano90f] Anonymous. Editorial Board. *Applied Mathematics and Computation*, 40(1):ii–iii, November 1990. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649

(electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039090093I`.

Anonymous:1990:I

[Ano90g] Anonymous. Index for 1990. *Applied Mathematics and Computation*, 40(3):263–265, December 1990. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0096300308800070`.

Anonymous:1991:EBa

[Ano91a] Anonymous. Editorial board. *Applied Mathematics and Computation*, 41(1):??, January 1991. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039190102S`.

Anonymous:1991:EBb

[Ano91b] Anonymous. Editorial board. *Applied Mathematics and Computation*, 42(1):??, March 1991. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300391901109`.

Anonymous:1991:EBc

[Ano91c] Anonymous. Editorial Board. *Applied Mathematics and Computation*, 43(1):ii–iii, May 1991. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039190090A`.

Anonymous:1991:EBd

[Ano91d] Anonymous. Editorial board. *Applied Mathematics and Computation*, 46(1):ii–iii, November 1991. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300391900977`.

Anonymous:1991:SIV

[Ano91e] Anonymous. Subject index to volumes 41–46, 1991. *Applied Mathematics and Computation*, 46(3):i–v, December 1991. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300391901198`.

Anonymous:1992:AMC

[Ano92a] Anonymous. Applied Mathematics and Computation. *Applied Mathematics and Computation*, 52(2–3):vi–viii, December 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039290093G`.

Anonymous:1992:EBa

[Ano92b] Anonymous. Editorial board. *Applied Mathematics and Computation*, 47(1):ii–iii, January 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039290059A`.

Anonymous:1992:EBb

[Ano92c] Anonymous. Editorial Board. *Applied Mathematics and Computation*, 49(1):ii–iii, May 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300392900523`.

Anonymous:1992:EBc

[Ano92d] Anonymous. Editorial Board. *Applied Mathematics and Computation*, 51(1):??, September 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039290131J`.

Anonymous:1992:EBd

[Ano92e] Anonymous. Editorial Board. *Applied Mathematics and Computation*, 52(1):ii–iii, November 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039290094H`.

Anonymous:1992:SIV

[Ano92f] Anonymous. Subject index to volumes 47–52, 1992. *Applied Mathematics and Computation*, 52(2–3):i–v, December 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039290092F`.

Anonymous:1993:EBa

[Ano93a] Anonymous. Editorial Board. *Applied Mathematics and Computation*, 53(1):ii–iii, January 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300393390111Q`.

Anonymous:1993:EBb

[Ano93b] Anonymous. Editorial board. *Applied Mathematics and Computation*, 55(1):ii–iii, April 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039390001U`.

Anonymous:1993:EBc

[Ano93c] Anonymous. Editorial Board. *Applied Mathematics and Computation*, 56(1):ii–iii, June 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300393900740`.

Anonymous:1993:EBd

[Ano93d] Anonymous. Editorial board. *Applied Mathematics and Computation*, 57(1):ii–iii, August 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300393900094`.

Anonymous:1993:SIV

[Ano93e] Anonymous. Subject index to volumes 53–59, 1993. *Applied*

Mathematics and Computation, 59(2–3):299–303, December 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039390094U`.

Anonymous:1994:EBa

[Ano94a] Anonymous. Editorial Board. *Applied Mathematics and Computation*, 60(1):iv, January 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300394902003`.

Anonymous:1994:EBb

[Ano94b] Anonymous. Editorial Board. *Applied Mathematics and Computation*, 61(1):ii–iii, March 1, 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300394901414`.

Anonymous:1994:EBc

[Ano94c] Anonymous. Editorial Board. *Applied Mathematics and Computation*, 62(1):ii–iii, April 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300394901287`.

Anonymous:1994:EBd

[Ano94d] Anonymous. Editorial Board. *Applied Mathematics and Computation*, 63(1):ii–iii, June 1994.

CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300394901473`.

Anonymous:1994:EBe

[Ano94e] Anonymous. Editorial board. *Applied Mathematics and Computation*, 64(1):ii–iii, August 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039490135X`.

Anonymous:1994:EBf

[Ano94f] Anonymous. Editorial Board. *Applied Mathematics and Computation*, 65(1–3):ii–iii, September/October 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300394901600`.

Anonymous:1994:EBg

[Ano94g] Anonymous. Editorial board. *Applied Mathematics and Computation*, 66(1):ii–iii, November 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300394901538`.

Anonymous:1994:SIV

[Ano94h] Anonymous. Subject index to volumes 60–66, 1994. *Applied Mathematics and Computation*, 66(2–3):343–348, December 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (elec-

tronic). URL `http://www.sciencedirect.com/science/article/pii/0096300394901279`.

Artzrouni:1990:SDEa

[AR90a] Marc Artzrouni and James Reneke. Stochastic Differential equations in mathematical demography: a review. *Applied Mathematics and Computation*, 38(1):7–21, July 1990. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039090078H`.

Artzrouni:1990:SDEb

[AR90b] Marc Artzrouni and James Reneke. Stochastic differential equations in mathematical demography: a review. *Applied Mathematics and Computation*, 39(3):139–153, October 1990. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300390900060`.

Adomian:1993:NAM

[AR93] G. Adomian and R. Rach. A new algorithm for matching boundary conditions in decomposition solutions. *Applied Mathematics and Computation*, 57(1):61–68, August 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300393900124`.

Argyros:1990:SMG

[Arg90] Ioannis K. Argyros. The secant method in generalized Banach spaces. *Applied Mathematics and Computation*, 39(2):111–121, September 1990. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039090026Y`.

Argyros:1994:CTN

[Arg94] Ioannis K. Argyros. A convergence theorem for Newton-like methods under generalized Chen–Yamamoto-type assumptions. *Applied Mathematics and Computation*, 61(1):25–37, March 1, 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300394901449`.

Adomian:1994:SGN

[ARM94] G. Adomian, R. Rach, and R. E. Meyers. Solution of generic nonlinear oscillators. *Applied Mathematics and Computation*, 64(2–3):167–170, September 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300394900612`.

Argyros:1990:CTA

[AS90] Ioannis K. Argyros and Ferenc Szidarovszky. Comparison theorems for algorithmic models. *Ap-*

plied Mathematics and Computation, 40(2):179–185, November 1990. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039090131L`.

Argyros:1992:MCA

[AS92] Ioannis K. Argyros and Ferenc Szidarovszky. On the monotone convergence of algorithmic models. *Applied Mathematics and Computation*, 48(2–3):167–176, April 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039290036Z`.

Abu-Sitta:1994:NCB

[AS94a] A. M. M. Abu-Sitta. A note on a certain boundary-layer equation. *Applied Mathematics and Computation*, 64(1):73–77, August 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300394901406`.

Abu-Sitta:1994:SBL

[AS94b] A. M. M. Abu-Sitta. On solutions of a boundary layer equation. *Applied Mathematics and Computation*, 63(1):95–100, June 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039490152X`.

Asaithambi:1992:GMS

[Asa92a] N. S. Asaithambi. A Galerkin method for Stefan problems. *Applied Mathematics and Computation*, 52(2–3):239–250, December 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039290081B`.

Asaithambi:1992:NMI

[Asa92b] N. S. Asaithambi. A numerical method for an inhomogeneous nonlinear diffusion problem. *Applied Mathematics and Computation*, 50(2–3):307–319, March 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039290130S`.

Anuradha:1994:SBC

[ASZ94] V. Anuradha, R. Shivaji, and J. Zhu. On s-shaped bifurcation curves for multiparameter positone problems. *Applied Mathematics and Computation*, 65(1–3):171–182, September/October 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300394901740`.

Avgerinos:1994:OCP

[Avg94] Evgenios P. Avgerinos. Optimal control problems involving optimal economic growth with infinite horizon. *Applied Mathematics and Computation*, 66(2–3):

293–311, December 1994. CO-DEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300394901244`.

Ayoubi:1993:RGF

[Ayo93] I. S. Ayoubi. The Riemann–Green function and the invariant imbedding equations for hyperbolic systems of first-order. *Applied Mathematics and Computation*, 55(2–3):101–129, May 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300393900179`.

Badiru:1993:NCS

[Bad93] Adedeji B. Badiru. A new computational search technique for AI based on the Cantor set. *Applied Mathematics and Computation*, 57(2–3):255–274, September 1, 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300393901514`.

Bai:1991:PCM

[Bai91] Yin Bai. A perturbed collocation method for boundary-value problems in differential-algebraic equations. *Applied Mathematics and Computation*, 45(3):269–291, October 1991. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.`

`sciencedirect.com/science/article/pii/009630039190084Z`.

Balakrishnan:1994:SCP

[Bal94] A. V. Balakrishnan. Shape control of plates with piezo actuators and collocated position / rate sensors. *Applied Mathematics and Computation*, 63(2–3):213–234, July 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300394901961`.

Barthelson:1991:ATD

[Bar91] Stephen H. Barthelson. Acceleration of a two-dimensional combustion code using MOSI to find the pressure and pressure-correction fields for a SIMPLER based algorithm. *Applied Mathematics and Computation*, 46(3):211–220, December 1991. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300391901176`.

Bayard:1993:SPS

[Bay93] D. S. Bayard. Statistical plant set estimation using Schroeder-phased multisinusoidal input design. *Applied Mathematics and Computation*, 58(2–3):169–198, October 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300393901352`.

Bardossy:1991:FSP

[BBD91] A. Bardossy, I. Bogardi, and L. Duckstein. Fuzzy set and probabilistic techniques for health-risk analysis. *Applied Mathematics and Computation*, 45(3): 241–268, October 1991. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039190083Y`.

Bunch:1991:DFA

[BCG91] K. J. Bunch, W. N. Cain, and R. W. Grow. A data fitting approach to series convergence acceleration. *Applied Mathematics and Computation*, 42(2): 189–195, March 1991. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039190050W`.

Bainov:1990:PDC

[BD90] D. D. Bainov and A. B. Dishliev. Population dynamics control in regard to minimizing the time necessary for the regeneration of a biomass taken away from the population. *Applied Mathematics and Computation*, 39(1): 37–48, September 1990. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039090120R`.

Boreux:1994:FAD

[BD94] Jean-Jacques Boreux and Lucien Duckstein. A fuzzy approach to the definition of standardized visibility in fog. *Applied Mathematics and Computation*, 61(2–3): 287–299, March 15, 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300394900515`.

Behforooz:1990:MSS

[Beh90] G. Behforooz. Manifold Subbotin spline. *Applied Mathematics and Computation*, 40(3): 225–231, December 1990. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0096300308800045`.

Behforooz:1992:KPI

[Beh92] G. Behforooz. The not-a-knot piecewise interpolatory cubic polynomial. *Applied Mathematics and Computation*, 52(1): 29–35, November 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039290096J`.

Benaroya:1992:REA

[Ben92] Haym Benaroya. Random eigenvalues, algebraic methods and structural dynamic models. *Applied Mathematics and Computation*, 52(1):37–66, November

1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039290097K`.

Bunch:1993:CCS

[BG93] K. J. Bunch and R. W. Grow. A compact cubic spline algorithm for converging to function minimums. *Applied Mathematics and Computation*, 56(1):29–34, June 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039390076Q`.

Bomze:1994:DSE

[BG94a] Immanuel M. Bomze and Walter Gutjahr. The dynamics of self-evaluation. *Applied Mathematics and Computation*, 64 (1):47–63, August 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300394901384`.

Bunch:1994:DEM

[BG94b] K. J. Bunch and R. W. Grow. A difference equation model of partial series. *Applied Mathematics and Computation*, 61(2–3):301–305, March 15, 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300394900523`.

Bunch:1994:ETI

[BG94c] K. J. Bunch and R. W. Grow. An extrapolation technique to iterate to the smallest and largest eigenvalues of an infinite-dimensional normal matrix used in function fitting. *Applied Mathematics and Computation*, 62(1):17–28, April 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300394901309`.

Barron:1990:SMI

[BH90] R. M. Barron and M. H. Hamdan. The steady motion of an incompressible dusty gas in porous media. *Applied Mathematics and Computation*, 37 (3):149–167, June 1990. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300390900536`.

Barron:1993:DLB

[BH93] R. M. Barron and M. H. Hamdam. On the Darcy–Lapwood–Brinkman–Saffman dusty fluid flow models through porous media part II: applications to flow into a two-dimensional sink. *Applied Mathematics and Computation*, 54(1):81–97, March 1, 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039390034C`.

Bhatti:1994:AHE

[Bha94] M. Ishaq Bhatti. Assessment of hepatic extraction of insulin by testing the small sample mean correlation coefficient. *Applied Mathematics and Computation*, 66(1):77–102, November 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300394901597`.

Bo:1994:WCM

[BJQBQ94] Han Bo, Shao Ji-Qun, and Guo Bao-Qi. A widely convergent method for determining the distributed parameters of an elliptical equation. *Applied Mathematics and Computation*, 60(2–3):139–146, February 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300394901007`.

Bainov:1994:FOI

[BKM94] Drumi Bainov, Zdzislaw Kamont, and Emil Minchev. On first order impulsive partial differential inequalities. *Applied Mathematics and Computation*, 61(2–3):207–230, March 15, 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300394900485`.

Breinbauer:1991:KMI

[BL91] M. Breinbauer and P. Lory. The kidney model as an in-verse problem. *Applied Mathematics and Computation*, 44(3):195–223, August 1991. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039190058U`.

Budd:1992:MTA

[BMS92] C. Budd, S. McKee, and D. Swailes. Modeling H^+ and K^+ transport across cell membranes. *Applied Mathematics and Computation*, 50(1):33–44, July 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039290009P`.

Bogobowicz:1991:TAM

[Bog91] Agnieszka Bogobowicz. Theoretical aspects of modeling and control of water quality in a river section. *Applied Mathematics and Computation*, 41(1):35–60, January 1991. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039190105V`.

Bradley:1992:GSD

[BP92] Charles E. Bradley and Tom Price. Graduating sample data using generalized Weibull functions. *Applied Mathematics and Computation*, 50(2–3):115–144, March 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (elec-

tronic). URL `http://www.sciencedirect.com/science/article/pii/009630039290121G`.

Brezinski:1991:IJ

[Bre91] Claude Brezinski. Implementing the jackknife. *Applied Mathematics and Computation*, 42(2):111–119, March 1991. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039190047Q`.

Boglaev:1993:CMS

[BS93] I. P. Boglaev and V. V. Sirotkin. Computational method for a singular perturbation problem via domain decomposition and its parallel implementation. *Applied Mathematics and Computation*, 56(1):71–95, June 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039390080X`.

Beddhu:1994:TAC

[BTW94] Murali Beddhu, Lafayette K. Taylor, and David L. Whitfield. A time accurate calculation procedure for flows with a free surface using a modified artificial compressibility formulation. *Applied Mathematics and Computation*, 65(1–3):33–48, September/October 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.`

sciencedirect.com/science/article/pii/0096300394901643.

Cabada:1994:MMF

[Cab94] Alberto Cabada. The monotone method for first-order problems with linear and nonlinear boundary conditions. *Applied Mathematics and Computation*, 63(2–3):163–186, July 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300394901937`. See erratum [Cab95].

Cabada:1995:ERM

[Cab95] Alberto Cabada. Erratum: "Remarks on the monotone method for first-order problems with linear and nonlinear boundary conditions", Applied Math. Comput. **63**(2–3), 163–186, July 1994. *Applied Mathematics and Computation*, 69(2–3):353–354, May 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039400147V`. See [Cab94].

Cai:1993:NEP

[Cai93] Zhiqiang Cai. Norm estimates of product operators with application to domain decomposition. *Applied Mathematics and Computation*, 53(2–3):251–276, February 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.`

sciencedirect.com/science/
article/pii/009630039390105N.

Chen:1993:NHM

[CAQ93] Dong Chen, I. K. Argyros, and Q. S. Qian. A note on the Halley method in Banach spaces. *Applied Mathematics and Computation*, 58(2–3):215–224, October 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/0096300393901374.

Carmody:1990:MPF

[Car90] Kevin Carmody. Modular parts of a function. *Applied Mathematics and Computation*, 36(1):63–74, March 1990. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039090075E.

Casti:1991:BKT

[Cas91] John L. Casti. Bob Kalaba: teacher, colleague, and friend. *Applied Mathematics and Computation*, 45(2):85–88, September 1991. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/0096300391900704.

Castro:1994:BTR

[Cas94] Alfonso Castro. Bifurcation theory and radial solutions to elliptic boundary value problems. *Applied Mathematics and Computation*, 65(1–3):223–230,

September/October 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/0096300394901783.

Cicci:1994:SEKa

[CB94a] David A. Cicci and Gary H. Ballard. Sensitivity of an extended Kalman filter. 1. Variation in the number of observers and types of observations. *Applied Mathematics and Computation*, 66(2–3):233–246, December 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/0096300394901198.

Cicci:1994:SEKb

[CB94b] David A. Cicci and Gary H. Ballard. Sensitivity of an extended Kalman filter. 2. Variation in the observation error levels, observation rates, and types of observations. *Applied Mathematics and Computation*, 66(2–3):247–259, December 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/0096300394901201.

Cavazos-Cadena:1994:CAC

[CC94] Rolando Cavazos-Cadena. Computing the asymptotic covariance matrix of a vector of sample autocorrelations for ARMA processes. *Applied Mathematics and Computation*, 64(2–3):

121–137, September 1994. CO-
DEN AMHCBQ. ISSN 0096-
3003 (print), 1873-5649 (elec-
tronic). URL `http://www.`
`sciencedirect.com/science/`
`article/pii/0096300394900582`.

Chin:1991:FAP

[CDW91] Carolyn Chin, Lucien Duck-
stein, and Melanie L. Wymore.
Factory automation project se-
lection using multicriterion Q-
analysis. *Applied Mathemat-
ics and Computation*, 46(2):107–
126, November 1991. CO-
DEN AMHCBQ. ISSN 0096-
3003 (print), 1873-5649 (elec-
tronic). URL `http://www.`
`sciencedirect.com/science/`
`article/pii/009630039190019J`.

Comincioli:1993:MMP

[CFT+93] V. Comincioli, D. Funaro,
A. Torelli, E. D'Angelo, and
P. Rossi. A mathematical model
of potential spreading along neu-
ron dendrites of cerebellar gran-
ule cells. *Applied Mathemat-
ics and Computation*, 59(1):
73–87, November 1993. CO-
DEN AMHCBQ. ISSN 0096-
3003 (print), 1873-5649 (elec-
tronic). URL `http://www.`
`sciencedirect.com/science/`
`article/pii/009630039390035D`.

Cicci:1993:OWP

[CH93] David A. Cicci and Roger L.
Hall. Optimal weighting of a
priori statistics in linear estima-
tion theory. *Applied Mathematics
and Computation*, 57(2–3):221–
231, September 1, 1993. CO-

DEN AMHCBQ. ISSN 0096-
3003 (print), 1873-5649 (elec-
tronic). URL `http://www.`
`sciencedirect.com/science/`
`article/pii/0096300393901488`.

Chang:1990:MFE

[Cha90a] Ching Lung Chang. A mixed
finite element method for the
Stokes problem: an acceleration-
pressure formulation. *Applied
Mathematics and Computation*,
36(2):135–146, March 1990. CO-
DEN AMHCBQ. ISSN 0096-
3003 (print), 1873-5649 (elec-
tronic). URL `http://www.`
`sciencedirect.com/science/`
`article/pii/009630039090016V`.

Chang:1990:SME

[Cha90b] Feng Cheng Chang. Solution
of Maxwell's equations by ma-
trix formulation. *Applied Math-
ematics and Computation*, 40(3):
239–262, December 1990. CO-
DEN AMHCBQ. ISSN 0096-
3003 (print), 1873-5649 (elec-
tronic). URL `http://www.`
`sciencedirect.com/science/`
`article/pii/S0096300308800069`.

Chankong:1991:OTP

[Cha91] Vira Chankong. Optimality tests
for partitioning and sectional
search algorithms. *Applied Math-
ematics and Computation*, 44
(2):157–182, July 1991. CO-
DEN AMHCBQ. ISSN 0096-
3003 (print), 1873-5649 (elec-
tronic). URL `http://www.`
`sciencedirect.com/science/`
`article/pii/009630039190016G`.

Chaitin:1992:LPSc

[Cha92a] C. J. Chaitin. LISP program-size complexity III. *Applied Mathematics and Computation*, 52(1): 127–139, November 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300392901016`.

Chaitin:1992:ITI

[Cha92b] G. J. Chaitin. Information-theoretic incompleteness. *Applied Mathematics and Computation*, 52(1):83–101, November 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039290099M`.

Chaitin:1992:LPSa

[Cha92c] G. J. Chaitin. LISP program-size complexity. *Applied Mathematics and Computation*, 49(1):79–93, May 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300392900578`.

Chaitin:1992:LPSb

[Cha92d] G. J. Chaitin. LISP program-size complexity II. *Applied Mathematics and Computation*, 52(1): 103–126, November 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039290100F`.

Chaitin:1992:LPSd

[Cha92e] G. J. Chaitin. LISP program-size complexity IV. *Applied Mathematics and Computation*, 52(1): 141–147, November 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300392901027`.

Chaitin:1993:NNB

[Cha93] G. J. Chaitin. A note on the number of N-bit strings with maximum complexity. *Applied Mathematics and Computation*, 59(1): 97–100, November 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039390037F`.

Chukwu:1992:MCT

[Chu92] E. N. Chukwu. Mathematical controllability theory of capital growth of nations. *Applied Mathematics and Computation*, 52(2–3):317–344, December 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039290086G`.

Chukwu:1994:OCG

[Chu94] E. N. Chukwu. Optimal control of the growth of income of nations. *Applied Mathematics and Computation*, 62(2–3):279–309, May 1994. CODEN AMHCBQ. ISSN 0096-

3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/0096300394900884.

Cicci:1992:AHT

[Cic92] David A. Cicci. Applications of the Householder transformation to Ridge-type estimation methods. *Applied Mathematics and Computation*, 51(2–3): 159–165, October 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/0096300392900718.

Cicci:1993:CBP

[Cic93a] David A. Cicci. Comparison of biasing parameter computational techniques in ridge-type estimation. *Applied Mathematics and Computation*, 53(2–3): 111–120, February 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039390096W.

Cicci:1993:SRT

[Cic93b] David A. Cicci. Sensitivity of ridge-type estimation methods to observation accuracy and sampling rate. *Applied Mathematics and Computation*, 57(2–3):233–244, September 1, 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/0096300393901499.

Ciucci:1993:NAU

[CJF93] A. Ciucci, Rhonald M. Jenkins, and Winfred A. Foster, Jr. Numerical analysis of an unsteady confined supersonic jet. *Applied Mathematics and Computation*, 57(2–3):245–254, September 1, 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630003939015OD.

Calude:1994:IE

[CJZ94] C. Calude, H. Jürgensen, and M. Zimand. Is independence an exception? *Applied Mathematics and Computation*, 66(1): 63–76, November 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/0096300394901589.

Choe:1990:VAP

[CK90] W. H. Choe and K. Kim. Variational analysis of a plasma-arc armature inside a railgun solid-hydrogen-pellet accelerator for fueling fusion reactors. *Applied Mathematics and Computation*, 37(1):37–56, May 1990. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630003909010G.

Conrad:1990:BCP

[CM90] Michael Conrad and Koichiro Matsuno. The boundary condi-

tion paradox: a limit to the university of differential equations. *Applied Mathematics and Computation*, 37(1):67–74, May 1990. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039090111F`.

Cabada:1990:ESS

[CN90] A. Cabada and Juan J. Nieto. Extremal solutions of second order nonlinear periodic boundary value problems. *Applied Mathematics and Computation*, 40(2): 135–145, November 1990. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039090128P`.

Conrad:1993:RLR

[Con93a] Deborah Conrad. Rules, laws, and reductionism. *Applied Mathematics and Computation*, 56 (2–3):341–358, July 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039390127Z`.

Conrad:1993:B

[Con93b] Michael Conrad. Biophysicalism. *Applied Mathematics and Computation*, 56(2–3):103–109, July 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039390117W`.

Conrad:1993:FMF

[Con93c] Michael Conrad. The Fluctuon Model of force, life, and computation: a constructive analysis. *Applied Mathematics and Computation*, 56(2–3):203–259, July 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039390123V`.

Crombez:1993:WNC

[Cro93] G. Crombez. Weak and norm convergence of a parallel projection method in Hilbert spaces. *Applied Mathematics and Computation*, 56(1):35–48, June 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039390077R`.

Chan:1992:ETD

[CS92] William M. Chan and Joseph L. Steger. Enhancements of a three-dimensional hyperbolic grid generation scheme. *Applied Mathematics and Computation*, 51(2–3):181–205, October 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039290073A`.

Chatterjea:1993:UPC

[CS93] S. K. Chatterjea and H. M. Srivastava. A unified presentation of certain operational formulas for the Jacobi and related

polynomials. *Applied Mathematics and Computation*, 58(1):77–95, September 15, 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039390044F`.

Chukwu:1992:GCN

[CUK92] E. N. Chukwu, Robert G. Underwood, and Louis D. Kovari. Global constrained null-controllability of nonlinear neutral systems. *Applied Mathematics and Computation*, 49(1):95–110, May 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300392900589`.

Chan:1991:CMT

[CW91] C. Y. Chan and Benedict M. Wong. Computational methods for time-periodic solutions of singular semilinear parabolic problems. *Applied Mathematics and Computation*, 42(3):287–312, April 1991. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300391900058`.

Chan:1992:CEA

[CW92] C. Y. Chan and Benedict M. Wong. Computational error analysis of periodic solutions for singular semilinear parabolic problems. *Applied Mathematics and Computation*, 50(2–3):279–306, March 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039290129O`.

Chang:1992:NIF

[CWL92] Qianshun Chang, Yau Shu Wong, and Zhengfeng Li. New interpolation formulas of using geometric assumptions in the algebraic multigrid method. *Applied Mathematics and Computation*, 50(2–3):223–254, March 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039290127M`.

Chang:1994:AEC

[CXL94] Ching L. Chang, Xiaoqing Xiang, and Jianshi Li. An analysis of the Eddy current problem by the least-squares finite element in 2-D. *Applied Mathematics and Computation*, 60(2–3):179–191, February 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039490104X`.

Chronopoulos:1992:IMN

[CZ92] A. T. Chronopoulos and Z. Zlatev. Iterative methods for nonlinear operator equations. *Applied Mathematics and Computation*, 51(2–3):167–180, October 1992. CODEN AMHCBQ. ISSN 0096-

3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/0096300392900729.

Da:1993:FEM

[Da93a] Xu Da. Finite element methods of the two nonlinear integro-differential equations. *Applied Mathematics and Computation*, 58(2–3):241–273, October 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/0096300393901396.

Da:1993:NSI

[Da93b] Xu Da. Non-smooth initial data error estimates with the weight norms for the linear finite element method of parabolic partial differential equations. *Applied Mathematics and Computation*, 54(1):1–24, March 1, 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/0096300393900319.

Da:1993:DTPa

[Da93c] Xu Da. On the discretization in time for a parabolic integrodifferential equation with a weakly singular kernel I: smooth initial data. *Applied Mathematics and Computation*, 57(1):1–27, August 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039390010C.

Da:1993:DTPb

[Da93d] Xu Da. On the discretization in time for a parabolic integrodifferential equation with a weakly singular kernel II: non-smooth initial data. *Applied Mathematics and Computation*, 57(1):29–60, August 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/0096300393900113.

Davis:1994:FDS

[Dav94] Stephen F. Davis. Flux difference splittings and limiters for the resolution of contact discontinuities. *Applied Mathematics and Computation*, 65(1–3):3–18, September/October 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/0096300394901627.

Ding:1993:HOA

[DDL93] J. Ding, Q. Du, and T. Y. Li. High order approximation of the Frobenius–Perron operator. *Applied Mathematics and Computation*, 53(2–3):151–171, February 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039390099Z.

Dendrinos:1990:SDS

[Den90] Dimitrios S. Dendrinos. Spatially distributed stocks, deterministic

evolution, and ecological balance. *Applied Mathematics and Computation*, 36(2):113–133, March 1990. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039090015U`.

deFalco:1994:RRR

[dFFG94] D. de Falco, M. Frontini, and L. Gotusso. Recent results on the regularization of Fourier polynomials. *Applied Mathematics and Computation*, 66 (1):1–8, November 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300394901546`.

Doedel:1994:LCO

[DFM94] Eusebius J. Doedel, Mark J. Friedman, and Anand C. Monteiro. On locating connecting orbits. *Applied Mathematics and Computation*, 65(1–3):231–239, September/October 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300394901791`.

Duckstein:1993:PSI

[DGP93] Lucien Duckstein, Ambrose Goicoechea, and Eric Parent. Preface to the special issue on multicriterion decision making with engineering applications. *Applied Mathematics and Computation*, 54(2–3):99, March 15, 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039390054I`.

Daemen:1994:ISI

[DGV94] Joan Daemen, René Govaerts, and Joos Vandewalle. Invertible shift-invariant transformations on binary arrays. *Applied Mathematics and Computation*, 62(2–3):259–277, May 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300394900876`.

De:1990:AHP

[DHK90] Mitali De, Keith W. Hipel, and D. Marc Kilgour. Algorithms for hierarchical power. *Applied Mathematics and Computation*, 39(1):21–36, September 1990. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039090119N`.

deKlerk:1994:SCA

[dK94] J. H. de Klerk. The sensitivity of a computational L_1-approximation technique for integral equations. *Applied Mathematics and Computation*, 62 (2–3):171–182, May 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300394900809`.

Dostal:1990:PPD

[Dos90] Zdeněk Dostál. Projector preconditioning and domain decomposition methods. *Applied Mathematics and Computation*, 37(2):75–81, May 1990. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/0096300390900363.

Dror:1990:CAT

[Dro90] Moshe Dror. Cost allocation: the traveling salesman, binpacking, and the knapsack. *Applied Mathematics and Computation*, 35(2):191–207, January 1990. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039090116K.

El-Attar:1994:CAP

[EA94] M. El-Attar. Convergence analysis for a parallel Jacobi algorithm. *Applied Mathematics and Computation*, 62(2–3):191–201, May 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/0096300394900825.

Estalrich:1991:ASS

[EB91] Juan Estalrich and Nathan Buras. Alternative specifications of state variables in stochastic-dynamic-programming models of reservoir operation. *Applied Mathematics and Computation*,

44(2):143–155, July 1991. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039190015F.

Ebeling:1993:COI

[Ebe93] Werner Ebeling. Chaos, order, and information in the evolution of strings. *Applied Mathematics and Computation*, 56 (2–3):131–151, July 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039390119Y.

Evans:1993:ESS

[EHE93] James D. Evans, John H. Hubbell, and Valerie D. Evans. Exact series solution to the Epstein–Hubbell generalized elliptic type integral using complex variable residue theory. *Applied Mathematics and Computation*, 53(2–3):173–189, February 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039390100S.

ElAttar:1992:FEA

[El 92] M. El Attar. Finite element analysis on distributed memory architectures. *Applied Mathematics and Computation*, 52(2–3):309–316, December 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.

sciencedirect.com/science/
article/pii/009630039290085F.

Erbe:1990:BVP

[EL90] L. H. Erbe and Xinzhi Liu. Boundary value problems for nonlinear impulsive integrodifferential equations. *Applied Mathematics and Computation*, 36 (1):31–50, March 1990. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www. sciencedirect.com/science/ article/pii/009630039090073C.

Erbe:1991:MIM

[EL91] Lynn Erbe and Xinzhi Liu. Monotone iterative methods for differential systems with finite delay. *Applied Mathematics and Computation*, 43(1):43–64, May 1991. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www. sciencedirect.com/science/ article/pii/0096300391900933.

Elabbasy:1994:OBS

[Ela94] E. M. Elabbasy. Oscillatory behavior of solutions of forced second order differential equations with alternating coefficients. *Applied Mathematics and Computation*, 60(1):1–13, January 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www. sciencedirect.com/science/ article/pii/0096300394902011.

El-Namoury:1992:FEM

[EN92] A. R. M. El-Namoury. On the finite element method for a singular problem. *Applied Mathematics and Computation*, 49(2–3):239–249, June 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www. sciencedirect.com/science/ article/pii/009630039290027X.

El-Nahhas:1994:STO

[EN94] A. El-Nahhas. Stability of a third-order differential equation of retarded type. *Applied Mathematics and Computation*, 60(2–3):147–152, February 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www. sciencedirect.com/science/ article/pii/0096300394901015.

Abd-alla:1994:TWP

[enNAa94] Abo el-nour N. Abd-alla. Torsional wave propagation in an orthotropic magneto-elastic hollow circular cylinder. *Applied Mathematics and Computation*, 63(2–3):281–293, July 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www. sciencedirect.com/science/ article/pii/0096300394901996.

Eno:1990:SAE

[Eno90] Larry Eno. Sensitivity analysis of experimental data. II. New coefficients. *Applied Mathematics and Computation*, 37(1):9–17, May

1990. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039090107E`.

Evans:1994:ACVb

[ER94a] James D. Evans and Thomas L. Roberson. Applications of complex variable residue theory for evaluating irrational definite integrals IV. *Applied Mathematics and Computation*, 63 (1):35–57, June 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039490149X`.

Evans:1994:ACVa

[ER94b] James D. Evans and Thomas L. Roberson. Applications of complex variable residue theory to the evaluation of irrational definite integrals III. *Applied Mathematics and Computation*, 63(1):1–34, June 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300394901481`.

Erlander:1990:GRT

[ES90] S. Erlander and T. E. Smith. General representation theorems for efficient population behavior. *Applied Mathematics and Computation*, 36(3):173–217, April 1990. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039090012R`.

El-Sayed:1992:FDE

[ES92] A. M. A. El-Sayed. On the fractional differential equations. *Applied Mathematics and Computation*, 49(2–3):205–213, June 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039290024U`.

El-Sayed:1993:LDE

[ES93a] A. M. A. El-Sayed. Linear differential equations of fractional orders. *Applied Mathematics and Computation*, 55(1):1–12, April 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039390002V`.

El-Sheikh:1993:ONC

[ES93b] M. M. A. El-Sheikh. Oscillation and nonoscillation criteria for second-order nonlinear differential equations II. *Applied Mathematics and Computation*, 59(2–3):101–115, December 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039390083Q`.

El-Sheikh:1994:OBSb

[ES94] M. M. A. El-Sheikh. On oscillatory behavior of solutions of second order functional differential equations. *Applied Math-*

ematics and Computation, 62 (2–3):183–189, May 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/0096300394900817.

El-Sheikh:1994:OBSa

[ESS94] M. M. A. El-Sheikh and R. A. Sallam. On the oscillatory behavior of solutions of second order differential equations. *Applied Mathematics and Computation*, 61(1):1–16, March 1, 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/0096300394901422.

Evans:1990:ACV

[Eva90a] James D. Evans. Applications of complex variable residue theory to the evaluation of irrational definite integrals. I. *Applied Mathematics and Computation*, 39(2): 145–157, September 1990. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/0096300390900282.

Evans:1990:EFI

[Eva90b] James D. Evans. Evaluation of four irrational definite sine integrals using residue theory. *Applied Mathematics and Computation*, 36(3):163–172, April 1990. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.

sciencedirect.com/science/article/pii/009630039090011Q.

Ezzat:1994:SSA

[Ezz94] Magdy A. Ezzat. State space approach to unsteady free convection flow through a porous medium. *Applied Mathematics and Computation*, 64(2–3): 191–205, September 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/0096300394900639.

Fazio:1990:NTM

[Faz90] R. Fazio. A noniterative transformation method applied to two-point boundary-value problems. *Applied Mathematics and Computation*, 39(1):79–87, September 1990. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039090123K.

Fazio:1991:ITM

[Faz91] Riccardo Fazio. The iterative transformation method and length estimation for tubular flow reactors. *Applied Mathematics and Computation*, 42 (2):105–110, March 1991. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039190046P.

Frankel:1993:SNO

[FC93] Jay I. Frankel and S. Roy Choudhury. Some new observations on the classical logistic equation with heredity. *Applied Mathematics and Computation*, 58(2–3):275–308, October 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039390140A`.

Fymat:1990:NPM

[FE90a] Alain L. Fymat and Jack I. Eisenman. A new phenomenon in medical imaging: effects of radiation coherence on spatial resolution. *Applied Mathematics and Computation*, 40(1):11–32, November 1990. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039090095K`.

Fymat:1990:OPC

[FE90b] Alain L. Fymat and Jack I. Eisenman. The optical principles of coincidence counting in nuclear medicine. *Applied Mathematics and Computation*, 40(1):1–10, November 1990. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039090094J`.

Fymat:1990:OCN

[FEGL90] Alain L. Fymat, Jack I. Eisenman, Moses A. Greenfield, and W. N. Paul Lee. Organ Characterization with nuclear-medicine tomography. *Applied Mathematics and Computation*, 35(2):159–189, January 1990. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039090115J`.

Fernandez-Gaucherand:1994:NRT

[FG94a] Emmanuel Fernández-Gaucherand. A note on the Ross–Taylor theorem. *Applied Mathematics and Computation*, 64(2–3):207–212, September 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300394900647`.

Fridrich:1994:RCO

[FG94b] Jiří Fridrich and James F. Geer. Reconstruction of chaotic orbits under finite resolution. *Applied Mathematics and Computation*, 66(2–3):129–159, December 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300394901139`.

Feng:1994:PSA

[FL94] Zhao-Shu Feng and Yong-Qing Liu. Practical stability analysis for stochastic time-delay systems. *Applied Mathematics and Computation*, 63(2–3):265–279, July 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649

(electronic). URL http://www.
sciencedirect.com/science/
article/pii/0096300394901988.

Flaam:1992:LCP

[Flå92] Sjur Didrik Flåm. Level-
constrained programming. *Ap-
plied Mathematics and Computa-
tion*, 47(2–3):259–265, February
1992. CODEN AMHCBQ. ISSN
0096-3003 (print), 1873-5649
(electronic). URL http://www.
sciencedirect.com/science/
article/pii/009630039290050B.

Feng:1992:CPS

[FLG92] Zhao-Shu Feng, Yong-Qing Liu,
and Feng-Wei Guo. Criteria
for practical stability in the p
th mean of nonlinear stochas-
tic systems. *Applied Mathe-
matics and Computation*, 49(2–
3):251–260, June 1992. CO-
DEN AMHCBQ. ISSN 0096-
3003 (print), 1873-5649 (elec-
tronic). URL http://www.
sciencedirect.com/science/
article/pii/009630039290028Y.

Fa-Long:1994:NNE

[FLYD94] Luo Fa-Long and Li Yan-Da.
Neural network for the exact
RLS adaptive algorithm. *Applied
Mathematics and Computation*,
60(2–3):103–111, February 1994.
CODEN AMHCBQ. ISSN 0096-
3003 (print), 1873-5649 (elec-
tronic). URL http://www.
sciencedirect.com/science/
article/pii/0096300394900973.

Feng:1991:NSC

[FLZ91] Zhao-Shu Feng, Yong-Qing Liu,
and Huai-Zhong Zhao. Nec-
essary and sufficient conditions
for delay-independent stability of
multidelay linear systems. *Ap-
plied Mathematics and Compu-
tation*, 46(1):23–32, November
1991. CODEN AMHCBQ. ISSN
0096-3003 (print), 1873-5649
(electronic). URL http://www.
sciencedirect.com/science/
article/pii/0096300391900999.

Fa-Long:1992:NNA

[FLZ92] Luo Fa-Long and Bao Zheng.
Neural network approach to com-
puting matrix inversion. *Applied
Mathematics and Computation*,
47(2–3):109–120, February 1992.
CODEN AMHCBQ. ISSN 0096-
3003 (print), 1873-5649 (elec-
tronic). URL http://www.
sciencedirect.com/science/
article/pii/0096300392900408.

French:1990:CCH

[Fre90] Donald A. French. Computa-
tions on the Cahn–Hilliard model
of solidification. *Applied Mathe-
matics and Computation*, 40(1):
55–76, November 1990. CO-
DEN AMHCBQ. ISSN 0096-
3003 (print), 1873-5649 (elec-
tronic). URL http://www.
sciencedirect.com/science/
article/pii/009630039090098N.

Friedman:1992:DHC

[Fri92] Charles N. Friedman. Detect-
ing Hamiltonian cycles. *Applied
Mathematics and Computation*,

47(2–3):137–143, February 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039290042Y`.

Finkelstein:1994:SCS

[FS94] Mark Finkelstein and Stephen Scheinberg. The storage complexity of some estimators of the median. *Applied Mathematics and Computation*, 60 (1):15–24, January 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039490202X`.

Fariabi:1994:CPS

[FT94] Said Fariabi and Betty Travis. On conjugate points for second order systems. *Applied Mathematics and Computation*, 60 (1):37–42, January 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300394902046`.

Funaro:1991:PAP

[Fun91] Daniele Funaro. Pseudospectral approximation of a PDE defined on a triangle. *Applied Mathematics and Computation*, 42 (2):121–138, March 1991. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039190048R`.

Fei:1991:TEC

[FV91] Zhang Fei and Luis Vázquez. Two energy conserving numerical schemes for the Sine-Gordon equation. *Applied Mathematics and Computation*, 45(1): 17–30, September 1991. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300391900874`.

Garnaev:1990:OPN

[Gar90] Andrej Yu. Garnaev. Optimal policies in a nonlinear bioeconomic model of eutrophication. *Applied Mathematics and Computation*, 35(1):95–102, January 1990. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039090092H`.

Golberg:1990:CSP

[GB90] M. A. Golberg and H. Bowman. The conditioning of some projection methods for Fredholm and singular integral equations. *Applied Mathematics and Computation*, 40(2):165–178, November 1990. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039090130U`.

Golberg:1994:MAE

[GC94] Michael A. Golberg and C. S. Chen. On a method of Atkinson for evaluating domain integrals in the boundary element

method. *Applied Mathematics and Computation*, 60(2–3): 125–138, February 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www. sciencedirect.com/science/ article/pii/009630039490099X`.

Ge:1990:FFT

[Ge90a] Renpu Ge. The filled function transformations for constrained global optimization. *Applied Mathematics and Computation*, 39(1):1–20, September 1990. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www. sciencedirect.com/science/ article/pii/009630039090118M`.

Ge:1990:FMM

[Ge90b] Renpu Ge. Finding more and more solutions of a system of nonlinear equations. *Applied Mathematics and Computation*, 36(1):15–30, March 1990. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www. sciencedirect.com/science/ article/pii/009630039090072B`.

Ge:1991:SLP

[Ge91] Renpu Ge. Solving linear programming problems via linear minimax problems. *Applied Mathematics and Computation*, 46(1):59–77, November 1991. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.`

`sciencedirect.com/science/ article/pii/009630039190101R`.

Gil:1991:PTS

[GG91a] María Angeles Gil and Pedro Gil. A procedure to test the suitability of a factor for stratification in estimating diversity. *Applied Mathematics and Computation*, 43(3):221–229, June 1991. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www. sciencedirect.com/science/ article/pii/009630039190007A`.

Goel:1991:SCU

[GG91b] Narendra S. Goel and Mark D. Goodwin. Symbolic computation using *L*-systems. *Applied Mathematics and Computation*, 42(3):223–253, April 1991. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www. sciencedirect.com/science/ article/pii/0096300391900036`.

Gatto:1991:ORE

[GGR91] Marino Gatto, Luca Ghezzi, and Sergio Rinaldi. The optimal reclamation of eutrophic water bodies. *Applied Mathematics and Computation*, 43 (2):105–115, May 1991. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www. sciencedirect.com/science/ article/pii/009630039190027K`.

Gupta:1994:SFO

[GK94] Chaitan P. Gupta and Ying C. Kwong. L^p-solvability of a fourth-order boundary-value problem at resonance. *Applied Mathematics and Computation*, 65(1–3):151–159, September/October 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/0096300394901724.

Gunji:1991:ALA

[GKn91] Yukio Gunji and Norio Kon-no. Artificial life with autonomously emerging boundaries. *Applied Mathematics and Computation*, 43(3):271–298, June 1991. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039190012C.

Grace:1992:OTS

[GL92] S. R. Grace and B. S. Lalli. Oscillation theorems for second order neutral functional differential equations. *Applied Mathematics and Computation*, 51(2–3):119–133, October 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039290068C.

Guoqiang:1994:AEE

[GL94] Han Guoqiang and Zhang Liqing. Asymptotic error expansion of two-dimensional Volterra integral equation by iterated collocation. *Applied Mathematics and Computation*, 61(2–3): 269–285, March 15, 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/0096300394900507.

Golberg:1993:NEC

[GM93] Michael A. Golberg and Michael McKenna. The numerical evaluation of a class of logarithmically singular integral transforms. *Applied Mathematics and Computation*, 57(2–3):117–129, September 1, 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/0096300393901422.

Ghelardoni:1994:EES

[GM94] Paolo Ghelardoni and Pietro Marzulli. Error estimates for shooting methods in two-point boundary value problems for second-order equations. *Applied Mathematics and Computation*, 60(2–3):237–248, February 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/0096300394901074.

Golberg:1993:DSI

[Gol93] Michael A. Golberg. The discrete Sloan iterate for the generalized airfoil equation. *Applied Mathematics and Computation*, 57(2–

3):103–115, September 1, 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039390141Z.

Ghezzi:1994:QAN

[GP94] Luca Luigi Ghezzi and Lorenzo Peccati. Qualitative analysis of a nonlinear stock price model. *Applied Mathematics and Computation*, 63(2–3):123–130, July 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/0096300394901902.

Ge:1990:GCF

[GQ90] Renpu Ge and Yongfeng Qin. The globally convexized filled functions for global optimization. *Applied Mathematics and Computation*, 35(2):131–158, January 1990. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039090114I.

Gross:1993:CEM

[Gro93] R. Steven Gross. Computationally efficient method for the solution of a singular integro-differential equation. *Applied Mathematics and Computation*, 57(2–3):161–175, September 1, 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/0096300393901444.

Garner:1994:EUS

[GS94a] J. B. Garner and Randolph James Schilling. Existence, uniqueness, and stability for a class of diffusion problems. *Applied Mathematics and Computation*, 65(1–3):161–169, September/October 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/0096300394901732.

Graef:1994:AOB

[GS94b] John R. Graef and Paul W. Spikes. Asymptotic and oscillatory behavior of solutions of nonlinear neutral delay equations of arbitrary order. *Applied Mathematics and Computation*, 65(1–3):209–221, September/October 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/0096300394901775.

Gunji:1993:LPB

[GSK93] Yukio-Pegio Gunji, Shuji Shinohara, and Norio Konno. Learning processes based on incomplete identification and information generation. *Applied Mathematics and Computation*, 55(2–3):219–253, May 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/0096300393900238.

Goh:1991:AAS

[GT91] C. J. Goh and K. L. Teo. Alternative algorithms for solving nonlinear function and functional inequalities. *Applied Mathematics and Computation*, 41(2): 159–177, January 1991. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039190068X.

Gunji:1992:FLI

[Gun92] Yukio-Pegio Gunji. The form of life. I. It is possible but not necessary. *Applied Mathematics and Computation*, 47(2–3): 267–288, February 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/0096300392900512.

Gunji:1993:FLU

[Gun93] Yukio-Pegio Gunji. Forms of life: Unprogrammability constitutes the outside of a system and its autonomy. *Applied Mathematics and Computation*, 58(1): 19–76, September 15, 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039390043E.

Gunji:1994:ALP

[Gun94] Yukio-Pegio Gunji. Autonomic life as the proof of incompleteness and Lawvere's theorem of fixed point. *Applied Mathematics and Computation*, 61(2–3): 231–267, March 15, 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/0096300394900493.

Gupta:1990:FON

[Gup90] Chaitan P. Gupta. A fourth-order nonlinear boundary-value problem and an integral-type sign condition. *Applied Mathematics and Computation*, 35(3): 231–242, February 1990. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/0096300390900444.

Gyori:1990:SCE

[Gyö90] Istvan Györi. Sharp conditions for existence of nontrivial invariant cones of nonnegative initial values of difference equations. *Applied Mathematics and Computation*, 36(2):89–111, March 1990. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039090014T.

Hamdan:1992:CAF

[Ham92] M. H. Hamdan. Computational aspects of flow through curved domains: the effect of no-slip. *Applied Mathematics and Computation*, 52(2–3): 189–206, December 1992. CODEN AMHCBQ. ISSN 0096-

3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039290077E.

Hamann:1994:CBS

[Ham94a] Bernd Hamann. Construction of B-spline approximations for use in numerical grid generation. *Applied Mathematics and Computation*, 65(1–3):295–314, September/October 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/0096300394901848.

Hamdan:1994:SPF

[Ham94b] M. H. Hamdan. Single-phase flow through porous channels a review of flow models and channel entry conditions. *Applied Mathematics and Computation*, 62(2–3):203–222, May 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/0096300394900833.

Han:1992:QEE

[Han92] Weimin Han. Quantitative error estimate in modeling the laminar stationary flow of a Bingham fluid. *Applied Mathematics and Computation*, 47(1):15–24, January 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/0096300392900615.

Hamdan:1991:ADL

[HB91] M. H. Hamdan and R. M. Barron. Analysis of the Darcy–Lapwood and the Darcy–Lapwood–Brinkman models: significance of the Laplacian. *Applied Mathematics and Computation*, 44(2):121–141, July 1991. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039190014E.

Hamdam:1993:DLB

[HB93] M. H. Hamdam and R. M. Barron. On the Darcy–Lapwood–Brinkman–Saffman dusty fluid flow models through porous media part I: models development. *Applied Mathematics and Computation*, 54(1):65–79, March 1, 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039390033B.

Heinrichs:1991:SMM

[Hei91] Wilhelm Heinrichs. A 3D spectral multigrid method. *Applied Mathematics and Computation*, 41(2):117–128, January 1991. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039190065U.

Heinrichs:1993:FEP

[Hei93a] Wilhelm Heinrichs. Finite element preconditioning for spec-

tral multigrid methods. *Applied Mathematics and Computation*, 59(1):19–40, November 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/S009630039390039H.

Heinrichs:1993:SMM

[Hei93b] Wilhelm Heinrichs. Spectral multigrid methods for domain decomposition problems using patching techniques. *Applied Mathematics and Computation*, 59(2–3):165–176, December 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039390087U.

Heunis:1990:SDEa

[Heu90a] A. J. Heunis. On the stochastic differential equations of filtering theory. *Applied Mathematics and Computation*, 37(3):185–218, June 1990. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/0096300390900558.

Heunis:1990:SDEb

[Heu90b] A. J. Heunis. On the stochastic differential equations of filtering theory. *Applied Mathematics and Computation*, 39(3):3–36, October 1990. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039090002K.

Hipel:1991:CCA

[HF91] Keith W. Hipel and Niall M. Fraser. Cooperation in conflict analysis. *Applied Mathematics and Computation*, 43(2):181–206, May 1991. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039190033J.

Hwang:1993:AVS

[HF93] Daniel Y. Hwang and Winfred A. Foster, Jr. On axisymmetric vibration of shallow spherical shells with fixed circular cutout. *Applied Mathematics and Computation*, 57(2–3):205–220, September 1, 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/0096300393901477.

Han:1992:CME

[HJ92] Weimin Han and Emery Jou. On the computation of minimal-energy splines: convergence analysis. *Applied Mathematics and Computation*, 47(1):1–13, January 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039290060E.

Hicks:1993:ANC

[HKLS93] D. L. Hicks, K. L. Kuttler, L. M. Liebrock, and C. E. Southwell. Answering von Neumann's conjecture on convergence of averages and analyzing the von Neumann–Richtmyer scheme via a material averaging method. *Applied Mathematics and Computation*, 55(2–3):265–295, May 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039390025A`.

Hicks:1991:PAI

[HL91] Darrell L. Hicks and Lorie M. Liebrock. Parallel algorithms for implicit material dynamics schemes. *Applied Mathematics and Computation*, 46(3): 179–209, December 1991. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300391901165`.

Hicks:1994:EEE

[HLW94] D. L. Hicks, L. M. Liebrock, and Y. Wen. Eigenform error estimates of computational material dynamics with shocks. 1.1. Hooke's law materials. *Applied Mathematics and Computation*, 66(2–3):181–216, December 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300394901163`.

Hady:1994:MCR

[HM94] F. M. Hady and R. A. Mohamed. Mixed convection-radiation interaction heat transfer in boundary-layer over a semi-infinite flat plate embedded in porous medium with a transfer magnetic field. *Applied Mathematics and Computation*, 66(2–3):103–128, December 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300394901120`.

Hojati:1994:ULP

[Hoj94] Mehran Hojati. Using linear programming to seek the optimum combination of investment. *Applied Mathematics and Computation*, 66(2–3):175–179, December 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300394901155`.

Howell:1994:ECE

[How94] Gary W. Howell. Efficient computation of eigenvalues of randomly generated matrices. *Applied Mathematics and Computation*, 66(1):9–24, November 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300394901554`.

Hosea:1994:EEC

[HS94] M. E. Hosea and L. F. Shampine. Estimating the error of the classic

Runge–Kutta Formula. *Applied Mathematics and Computation*, 66(2–3):217–226, December 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300394901171`.

Harris:1994:SMR

[HSZ94] G. Harris, P. Sellers, and B. Zinner. Some multiplicity results for a class of nonlinear boundary value problems. *Applied Mathematics and Computation*, 65(1–3):195–208, September/October 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300394901767`.

Habib:1990:ISNa

[HT90a] M. K. Habib and A. Thavaneswaran. Inference for stochastic neuronal models. *Applied Mathematics and Computation*, 38(1):51–73, July 1990. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039090080M`.

Habib:1990:ISNb

[HT90b] M. K. Habib and A. Thavaneswaran. Inference for stochastic neuronal models. *Applied Mathematics and Computation*, 39(3):183–205, October 1990. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.`

`sciencedirect.com/science/article/pii/009630003909008Q`.

Huang:1991:CAM

[Hua91] Wei-Zhang Huang. Convergence of Algebraic multigrid methods for symmetric positive definite matrices with weak diagonal dominance. *Applied Mathematics and Computation*, 46(2):145–164, November 1991. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039190022F`.

Huss:1990:ALA

[Hus90] Ronald E. Huss. An ADA library for automatic evaluation of derivatives. *Applied Mathematics and Computation*, 35(2):103–123, January 1990. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039090112G`.

Holter:1990:CVM

[HV90] Bill Holter and George Vanden-Berghe. A comparison of vectorized methods for solving the two-dimensional diffusion equation: multigrid versus polynomial preconditioned conjugate gradient. *Applied Mathematics and Computation*, 40(1):77–103, November 1990. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.`

sciencedirect.com/science/
article/pii/0096300390900990.

Issa:1994:AHF

[IBS94] Camille A. Issa, Krishnan Balasubramaniam, and Kanthikannan Srirengan. Adaptive hp-finite element for transient analysis. *Applied Mathematics and Computation*, 65(1–3):315–333, September/October 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/0096300394901856.

Iakovidis:1992:IPE

[IM92] Ilias Iakovidis and Clyde F. Martin. The inverse problem in electrocardiography on a spherical model. *Applied Mathematics and Computation*, 48(2–3):187–217, April 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/0096300392900383.

Ioakimidis:1992:COS

[Ioa92] Nikolaos I. Ioakimidis. Computation of the orders of singularity of sectionally analytic functions. *Applied Mathematics and Computation*, 48(1):13–19, March 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039290015S.

Ioakimidis:1991:NEC

[IPP91] N. I. Ioakimidis, E. A. Perdios, and K. E. Papadakis. Numerical estimation of the coefficient of the homogeneous Riemann–Hilbert problem on the basis of boundary data. *Applied Mathematics and Computation*, 41(1):21–33, January 1991. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039190104U.

Ismail:1993:EES

[IST93] Fudziah Bte Ismail, Mohamed B. Suleiman, and Bachok B. Taib. Existence of h ^{2}-expansion for some extrapolation methods for solving autonomous higher order ODEs. *Applied Mathematics and Computation*, 57(1):69–83, August 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/0096300393900135.

Jackson:1990:EES

[Jac90] Dennis E. Jackson. Error estimates for the semidiscrete finite-element approximation of a damped wave equation with a smoothing property. *Applied Mathematics and Computation*, 35(3):243–261, February 1990. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/0096300390900455.

Jackson:1992:EES

[Jac92] D. E. Jackson. Error estimates for the semidiscrete Galerkin approximations of the FitzHugh–Nagumo equations. *Applied Mathematics and Computation*, 50(1):93–114, July 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039290013Q.

Jacobson:1993:VBR

[Jac93] Sheldon H. Jacobson. Variance and bias reduction techniques for the harmonic gradient estimator. *Applied Mathematics and Computation*, 55(2–3):153–186, May 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039390019B.

Jodar:1991:IDM

[JF91] L. Jódar and M. Legua Fernandez. An implicit difference method for the numerical solution of coupled systems of partial differential equations. *Applied Mathematics and Computation*, 46(2):127–134, November 1991. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039190020N.

Ji:1994:ALE

[Ji94] Jun Ji. An alternative limit expression of Drazin inverse and its application. *Applied Mathematics and Computation*, 61(2–3):151–156, March 15, 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/0096300394900442.

Jiang:1994:MFP

[Jia94] Chang Jin Jiang. A method for finding the periodic solution of autonomous ordinary differential equations. *Applied Mathematics and Computation*, 66(2–3):161–173, December 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/0096300394901147.

Jimenez:1994:DDC

[Jim94] Salvador Jiménez. Derivation of the discrete conservation laws for a family of finite difference schemes. *Applied Mathematics and Computation*, 64(1):13–45, August 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/0096300394901376.

Jing:1994:ABC

[Jin94] Chen Jing. Alternating block Crank–Nicolson method for the 3-D heat equation. *Applied Mathematics and Computation*, 66(1):41–61, November 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (elec-

tronic). URL `http://www.sciencedirect.com/science/article/pii/0096300394901570`.

Jingxian:1992:IMC

[JL92] Sun Jingxian and Liu Lishan. Iterative method for coupled quasi-solutions of mixed monotone operator equations. *Applied Mathematics and Computation*, 52(2–3):301–308, December 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039290084E`.

Jodar:1993:SSO

[JL93] Lucas Jódar and Matilde Legua. Solving second-order matrix differential equations with regular singular points avoiding the increase of the problem dimension. *Applied Mathematics and Computation*, 53(2–3): 191–205, February 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039390101J`.

Jenkins:1993:ICT

[JM93] R. M. Jenkins and D. A. Moore. An inverse calculation technique for quasi-three-dimensional turbomachinery cascades. *Applied Mathematics and Computation*, 57(2–3):197–204, September 1, 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.`

sciencedirect.com/science/article/pii/0096300393901466`.

Jodar:1993:NMM

[JMV93] L. Jódar, J. L. Morera, and R. J. Villanueva. Numerical multisteps matrix methods for $Y'' = f(t, Y)$. *Applied Mathematics and Computation*, 59(2–3):257–274, December 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039390092S`.

Jodar:1991:ESC

[JN91] L. Jódar and E. Navarro. Exact solution of a class of strongly coupled Riccati matrix differential equations. *Applied Mathematics and Computation*, 43 (2):165–173, May 1991. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039190031H`.

Jodar:1995:ECS

[JNF95] L. Jódar, E. Navarro, and M. V. Ferrer. Erratum: a correction on the stability of implicit higher order difference systems. *Applied Mathematics and Computation*, 71(1):91–96, August 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039500060U`. See [NFJ94].

Jodar:1992:CFS

[JNM92] L. Jódar, E. Navarro, and J. L. Morera. A closed-form solution of singular regular higher-order difference initial and boundary value problems. *Applied Mathematics and Computation*, 48(2–3):153–166, April 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039290035Y.

Jodar:1992:RAS

[Jód92] Lucas Jódar. Rational approximate solutions and error bounds for the nonsymmetric Riccati matrix differential equation. *Applied Mathematics and Computation*, 50(1):23–31, July 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/0096300392900080.

Jolayemi:1992:UAS

[Jol92] Joel K. Jolayemi. A unified approximation scheme for the convolution of independent binomial variables. *Applied Mathematics and Computation*, 49(2–3):269–297, June 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/0096300392900305.

Jayakumar:1993:CMS

[JR93] J. Jayakumar and N. Ramanujam. A computational method for solving singular perturbation problems. *Applied Mathematics and Computation*, 55(1):31–48, April 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039390004X.

Jimenez:1990:AFN

[JV90] Salvador Jiménez and Luis Vázquez. Analysis of four numerical schemes for a nonlinear Klein–Gordon equation. *Applied Mathematics and Computation*, 35(1):61–94, January 1990. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039090091G.

Jodar:1994:ASC

[JV94] Lucas Jódar and R. J. Villanueva. Analytic solutions of coupled second-order delay differential equations. *Applied Mathematics and Computation*, 62(2–3):235–247, May 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039490085X.

Kagiwada:1991:BWB

[Kag91a] Harriet H. Kagiwada. Best wishes to Bob on his 65th birthday. *Applied Mathematics and Computation*, 45(2):91–92, September 1991. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649

(electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039190072U`.

Kagiwada:1991:KWA

[Kag91b] Harriet H. Kagiwada. Kalaba's work in applied mathematics: modeling, optimization, and inverse problems. *Applied Mathematics and Computation*, 45(2): 93–97, September 1991. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039190073V`.

Kailath:1991:ROD

[Kai91] T. Kailath. Remarks on the origin of the displacement-rank concept. *Applied Mathematics and Computation*, 45(2):193–206, September 1991. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300391900807`.

Kadalbajoo:1993:TOV

[KB93] Mohan K. Kadalbajoo and Rajesh K. Bawa. Third-order variable-mesh cubic spline methods for singularly-perturbed boundary-value problems. *Applied Mathematics and Computation*, 59(2–3):117–129, December 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039390084R`.

Kirby:1991:ELR

[KCK91] Kevin G. Kirby, Michael Conrad, and Roberto R. Kampfner. Evolutionary learning in reaction-diffusion neurons. *Applied Mathematics and Computation*, 41(3): 233–263, February 1991. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039190026J`.

Kwak:1990:PNG

[KCS90] Do Young Kwak, U. Jin Choi, and S. Son. Prime number grid scheme to approximate function spaces with their low dimensional subspaces. *Applied Mathematics and Computation*, 40(3): 233–237, December 1990. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0096300308800057`.

Konno:1991:MCA

[KG91] Norio Konno and Yukio Gunji. Mathematical construction of an autonomous artificial life. *Applied Mathematics and Computation*, 46(1):33–58, November 1991. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300391901002`.

Khanh:1990:NEV

[Kha90] Bui Doan Khanh. A numerical evaluation of very oscillatory infi-

nite integrals by asymptotics. *Applied Mathematics and Computation*, 40(2):117–124, November 1990. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039090126N.

Khanh:1991:CFD

[Kha91a] Bui Doan Khanh. A computation of Fermi–Dirac integrals by asymptotics and the Hermite corrector formula. *Applied Mathematics and Computation*, 41(1):61–68, January 1991. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039190106W.

Khanh:1991:NRD

[Kha91b] Bui Doan Khanh. A numerical resolution of differential-algebraic equations. *Applied Mathematics and Computation*, 44(3):261–269, August 1991. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039190062R.

Khanh:1992:NEH

[Kha92] Bui Doan Khanh. A numerical evaluation of the Hankel transform of bandlimited functions. *Applied Mathematics and Computation*, 48(2–3):83–100, April 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039290032V.

Khanh:1994:CTR

[Kha94] Bui Doan Khanh. A computation for tomographic reconstruction from projections. *Applied Mathematics and Computation*, 64(2–3):79–91, September 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039490054X.

Kincanon:1991:OSC

[Kin91] Eric Kincanon. An orthogonal set composed from the functions e^{nx}, $n \geq 0$, $x \leq 0$. *Applied Mathematics and Computation*, 41(1):69–75, January 1991. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039190107X.

Kincanon:1993:ASG

[Kin93] Eric Kincanon. Approximate solution to the Gel'Fand–Levitan equation. *Applied Mathematics and Computation*, 53(2–3):121–128, February 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039390097X.

Kincanon:1994:SST

[Kin94] Eric Kincanon. A series solution for the $GV\psi_0$ term of the

Born series. *Applied Mathematics and Computation*, 66(2–3): 227–232, December 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039490118X`.

Kubica:1990:ACA

[KK90] Krystian Kubica and Janina Kuczera. An application of cellular automata to model a lipid membrane. *Applied Mathematics and Computation*, 39(1): 49–59, September 1990. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039090121I`.

Kubica:1991:EAC

[KK91] Krystian Kubica and Janina Kuczera. The effect of the alkyl chain length of modifier molecules on membrane structure studied by the cellular-automaton method. *Applied Mathematics and Computation*, 44(2):183–193, July 1991. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039190017H`.

Kalaba:1990:LPS

[KKM90] Robert Kalaba, Moon Kim, and James E. Moore II. Linear programming and simple associative memories. *Applied Mathematics and Computation*, 40(3):

203–214, December 1990. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0096300308800021`.

Kagiwada:1991:KAM

[KKU91] Harriet H. Kagiwada, Julia K. Kagiwada, and Sueo Ueno. Kalaba's associative memories for system identification. *Applied Mathematics and Computation*, 45(2):135–142, September 1991. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039190076Y`.

Khamayseh:1994:SGG

[KM94] Ahmed Khamayseh and C. Wayne Mastin. Surface grid generation based on elliptic PDE models. *Applied Mathematics and Computation*, 65(1–3):253–264, September/October 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300394901813`.

Krohn:1991:IML

[KMR⁺91] I. Krohn, S. Moltzahn, J. Rosenmüller, P. Sudhölter, and H.-M. Wallmeier. Implementing the modified LH algorithm. *Applied Mathematics and Computation*, 45(1): 31–72, September 1991. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.`

sciencedirect.com/science/
article/pii/0096300391900885.

Kaneko:1990:AAT

[KN90] Hideaki Kaneko and Richard Noren. An application of approximation theory to the numerical solution of a Fredholm equation with a mild singularity. *Applied Mathematics and Computation*, 37(1):57–66, May 1990. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/0096300390901100.

Knupp:1991:DVG

[Knu91] Patrick M. Knupp. The direct variational grid generation method extended to curves. *Applied Mathematics and Computation*, 43(1):65–78, May 1991. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/0096300391900944.

Knupp:1993:SGG

[Knu93] Patrick M. Knupp. Surface grid generation in the tangent plane. *Applied Mathematics and Computation*, 59(1):41–62, November 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/S009630039390040L.

Kocvara:1992:ASL

[Koč92] Michal Kočvara. An algebraic study of a local multigrid method

for variational problems. *Applied Mathematics and Computation*, 51(1):17–41, September 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039290133L.

Kohlbeck:1992:MNI

[Koh92] F. Kohlbeck. A method for the numerical integration of unequally spaced data. *Applied Mathematics and Computation*, 50(1):45–49, July 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039290010X.

Kolowrocki:1994:LRF

[Koł94] Krzysztof Kołowrocki. Limit reliability functions of some series-parallel and parallel-series systems. *Applied Mathematics and Computation*, 62(2–3):129–151, May 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/0096300394900787.

Konno:1992:FML

[Kon92] Norio Konno. A formalism of multidimensional living systems based on nonstandard analysis. *Applied Mathematics and Computation*, 49(2–3):231–238, June 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.

sciencedirect.com/science/
article/pii/009630039290026W.

Kopf:1990:IMP

[Kop90]   Christoph Kopf. Invariant measures for piecewise linear transformations of the interval. *Applied Mathematics and Computation*, 39(2):123–144, September 1990. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039090027Z.

Korman:1992:CAS

[Kor92]   Philip Korman. A computer-assisted study of periodic parabolic systems. *Applied Mathematics and Computation*, 50(2–3): 203–221, March 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039290126L.

Kozera:1991:EUP

[Koz91]   Ryszard Kozera. Existence and uniqueness in photometric stereo. *Applied Mathematics and Computation*, 44(1):1–103, July 1991. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/0096300391900014.

Kravvaritis:1991:ETO

[KP91]   Dimitrios Kravvaritis and Nikolaos S. Papageorgiou. An existence theorem for an optimal economic growth problem with infinite planning horizon. *Applied Mathematics and Computation*, 44(3):249–259, August 1991. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039190061Q.

Kravvaritis:1993:ESP

[KPP93]   Dimitrios Kravvaritis, George Pantelides, and Nikolaos S. Papageorgiou. Existence of support prices for a discrete time growth model with uncertainty. *Applied Mathematics and Computation*, 53(1):27–43, January 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039390114T.

Kuznetsov:1991:NAF

[KR91]   Yu. A. Kuznetsov and S. Rinaldi. Numerical analysis of the flip bifurcation of maps. *Applied Mathematics and Computation*, 43(3):231–236, June 1991. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039190008B.

Khamayseh:1992:EBC

[KS92a]   Ahmed K. Khamayseh and R. Shivaji. Evolution of bifurcation curves for semipositone problems when nonlinearities develop multiple zeroes. *Applied Mathematics and Computation*, 52(2–3):173–188, December 1992.

CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039290076D.

Kriuchkov:1992:SSO

[KS92b] V. N. Kriuchkov and M. Solomonovich. Self-sustained oscillation in economics. *Applied Mathematics and Computation*, 49(1):63–77, May 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/0096300392900567.

Karageorghis:1993:CSC

[KS93a] A. Karageorghis and S. Sivaloganathan. A Chebyshev spectral collocation method for the computation of buoyancy-induced flows. *Applied Mathematics and Computation*, 55(2–3):297–308, May 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039390026B.

Katti:1993:SCS

[KS93b] C. P. Katti and S. Sivaloganathan. On the stability of a classical second order method for solving a class of two-point boundary value problems. *Applied Mathematics and Computation*, 59(2–3):247–255, December 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.

sciencedirect.com/science/article/pii/009630039390091R.

Kalaba:1991:SNE

[KT91] R. Kalaba and L. Tesfatsion. Solving nonlinear equations by adaptive homotopy continuation. *Applied Mathematics and Computation*, 41(2):99–115, January 1991. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039190064T.

Kalaba:1992:CM

[KU92] R. Kalaba and F. Udwadia. On constrained motion. *Applied Mathematics and Computation*, 51(1):85–86, September 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039290135N.

Kubica:1994:CAM

[Kub94a] Krystian Kubica. The cellular automata model for lipid membranes. *Applied Mathematics and Computation*, 63(2–3):187–199, July 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/0096300394901945.

Kubica:1994:CAS

[Kub94b] Krystian Kubica. Cellular automata studies of cholesterol effect on gramicidin ion conductivity. *Applied Mathemat-*

ics and Computation, 64(2–3): 101–114, September 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300394900566`.

Kumar:1992:OER

[Kum92a] Kuldeep Kumar. Optimum exponential regression with one nonlinear term. *Applied Mathematics and Computation*, 50 (1):51–58, July 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300392900110`.

Kumar:1992:PAA

[Kum92b] Kuldeep Kumar. Padé approximation and its application in time series analysis. *Applied Mathematics and Computation*, 48(2–3):139–151, April 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039290034X`.

Kwong:1993:SAI

[Kwo93] Man Kam Kwong. Sweeping algorithms for inverting the discrete Ginzburg–Landau operator. *Applied Mathematics and Computation*, 53(2–3):129–150, February 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039390098Y`.

Lainiotis:1994:NDA

[LAK94] D. G. Lainiotis, N. D. Assimakis, and S. K. Katsikas. New doubling algorithm for the discrete periodic Riccati Equation. *Applied Mathematics and Computation*, 60(2–3):265–283, February 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300394901090`.

Langerholc:1992:CFS

[Lan92] John Langerholc. Calculation of forward-scattering amplitudes from a focused beam: exact values for the Gaussian parameters. *Applied Mathematics and Computation*, 48(2–3):101–137, April 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039290033W`.

Lapsa:1992:RLM

[Lap92] P. M. Lapsa. Resolution-limited measure and dimension. *Applied Mathematics and Computation*, 52(1):1–27, November 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039290095I`.

Lu:1994:DNS

[LF94] Xin Lu and Wei Feng. Dynamics and numerical simulations of food-chain populations. *Applied Mathematics and*

Computation, 65(1–3):335–344, September/October 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300394901864`.

Lalli:1994:OTS

[LG94] B. S. Lalli and S. R. Grace. Oscillation theorems for second order neutral difference equations. *Applied Mathematics and Computation*, 62(1):47–60, April 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300394901325`.

Li:1994:NMS

[Li94] Xuefeng Li. A numerical method for systems of hyperbolic conservation laws with single stencil reconstructions. *Applied Mathematics and Computation*, 65(1–3):125–140, September/October 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300394901708`.

Lin:1994:FDS

[Lin94] Yanping Lin. Finite difference solutions for parabolic equations with the time weighting initial conditions. *Applied Mathematics and Computation*, 65(1–3):49–61, September/October 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.`

`sciencedirect.com/science/article/pii/0096300394901651`.

Liqing:1991:AEG

[Liq91] Zhang Liqing. Asymptotic expansion and geometric properties of the spline collocation periodic solution of an ODE system. *Applied Mathematics and Computation*, 42(3):209–221, April 1991. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300391900025`.

Liu:1994:BPS

[Liu94] James H. Liu. Bounded and periodic solutions of differential equations in Banach space. *Applied Mathematics and Computation*, 65(1–3):141–150, September/October 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300394901716`.

Lin:1994:QSH

[LL94] Xiaodong Lin and Xinzhi Liu. Qualitative study of an HIV transmission model among intravenous drug users. *Applied Mathematics and Computation*, 60(2–3):215–236, February 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300394901066`.

Lazer:1994:SEB

[LM94]   A. C. Lazer and P. J. McKenna. A singular elliptic boundary value problem. *Applied Mathematics and Computation*, 65(1–3):183–194, September/October 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300394901759`.

Lakshmikantham:1992:IDS

[LMS92]   V. Lakshmikantham, K. N. Murty, and S. Sivasundaram. Impulsive differential systems for two-point boundary value problems. *Applied Mathematics and Computation*, 50(2–3): 157–166, March 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039290123I`.

Lepschy:1991:HTI

[LMV91]   A. Lepschy, G. A. Mian, and U. Viaro. Hermite-type interpolation of squared-magnitude functions. *Applied Mathematics and Computation*, 43(3): 265–270, June 1991. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039190011B`.

Lopez:1992:STP

[Lop92]   L. Lopez. Stability of a three-point scheme for linear second order singularly perturbed BVPs with turning points. *Applied Mathematics and Computation*, 52(2–3):279–300, December 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039290083D`.

Li-qing:1993:SVH

[LqGq93] Zhang Li-qing and Han Guo-qiang. Structure variable homotopy methods for solving nonlinear systems. *Applied Mathematics and Computation*, 59(2–3): 177–191, December 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039390088V`.

Lakshmikantham:1991:AIA

[LS91a]   V. Lakshmikantham and Yong Sun. Applications of interval analysis to minimal and maximal solutions of differential equations. *Applied Mathematics and Computation*, 41(1):77–87, January 1991. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039190108Y`.

Liu:1991:GAS

[LS91b]   Dan Liu and Ferenc Szidarovszky. Global asymptotical stability of dynamic systems with modified contractions. *Applied Mathematics and Computation*, 43 (3):237–240, June 1991. CODEN AMHCBQ. ISSN 0096-

3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039190009C.

Ladde:1993:NTR

[LS93a] G. S. Ladde and M. Sambandham. Numerical treatment of random polynomials. *Applied Mathematics and Computation*, 55(1):13–30, April 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039390003W.

Liu:1993:NFM

[LS93b] K. Liu and R. Skelton. A new formulation of Q-Markov covariance equivalent realization. *Applied Mathematics and Computation*, 53(1):83–95, January 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039390116V.

Lenhart:1991:VAC

[LSP91] S. Lenhart, S. Stojanovic, and V. Protopopescu. Variational approach for competitive systems with obstacles. *Applied Mathematics and Computation*, 42(1):65–83, March 1991. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/0096300391901132.

Lakshmikantham:1994:CRP

[LSS94] V. Lakshmikantham, S. K. Sen, and S. Sivasundaram. Concise row-pruning algorithm to invert a matrix. *Applied Mathematics and Computation*, 61(1):17–24, March 1, 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/0096300394901430.

Lakshmikantham:1994:STA

[LSVS94] V. Lakshmikantham, S. K. Sen, V. C. Venkaiah, and S. Sivasundaram. Stabilizing Trench's algorithm to invert symmetric Toeplitz matrices. *Applied Mathematics and Computation*, 60(2–3):249–263, February 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/0096300394901082.

Lether:1990:ANC

[LW90] F. G. Lether and P. R. Wenston. An algorithm for the numerical computation of the Voigt function. *Applied Mathematics and Computation*, 35(3):277–289, February 1990. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/0096300390900477.

Li:1994:HOT

[LW94] T. Y. Li and Xiaoshen Wang. Higher order turning points. *Ap-*

plied Mathematics and Computation, 64(2–3):155–166, September 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300394900604`.

Liu:1992:MIN

[LWX92] Xinzhi Liu, Yau Shu Wong, and Ji Xingzhi. Monotone iterations for numerical solutions of nonlinear elliptic partial differential equations. *Applied Mathematics and Computation*, 50(1):59–91, July 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039290012P`.

Lalli:1993:OHE

[LYC93] B. S. Lalli, Y. H. Yu, and B. T. Cui. Oscillation of hyperbolic equations with functional arguments. *Applied Mathematics and Computation*, 53(2–3): 97–110, February 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039390095V`.

Li:1993:LSF

[LYX⁺93] J. S. Li, Z. Y. Yu, X. Q. Xiang, W. P. Ni, and C. L. Chang. Least-square finite element method for electromagnetic fields in 2-D. *Applied Mathematics and Computation*, 58(2–3):143–167, October 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039390134Z`.

MacLeod:1993:NRS

[Mac93] Allan J. MacLeod. A note on the Randles–Sevcik function from electrochemistry. *Applied Mathematics and Computation*, 57(2–3):305–310, September 1, 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300393901547`.

Madan:1990:INM

[Mad90] Ved P. Madan. Interval Newton method: Hansen–Greenberg approach — some procedural improvements. *Applied Mathematics and Computation*, 35(3): 263–276, February 1990. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300390900466`.

Malakooti:1991:GDM

[Mal91] Behnam B. Malakooti. A generalized decomposable multiattribute utility function. *Applied Mathematics and Computation*, 44(3):271–285, August 1991. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039190063S`.

Malakooti:1993:DSS

[Mal93] Behnam B. Malakooti. A decision support system for discrete multiple-criteria problems: certainty, uncertainty, and hierarchical. *Applied Mathematics and Computation*, 54(2–3): 131–166, March 15, 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039390056K.

Matsuno:1993:BFC

[Mat93] Koichiro Matsuno. Being free from ceteris paribus: a vehicle for founding physics on biology rather than the other way around. *Applied Mathematics and Computation*, 56(2–3):261–279, July 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039390124W.

Malakooti:1994:SDA

[MDR94] B. Malakooti, Lucien Duckstein, and A. Ravindran. Screening discrete alternatives with imprecisely assessed additive multiattribute functions. *Applied Mathematics and Computation*, 60(1):69–87, January 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/0096300394902070.

Meir:1993:FEA

[Mei93] A. J. Meir. Finite element analysis of magnetohydrodynamic pipe flow. *Applied Mathematics and Computation*, 57(2–3):177–196, September 1, 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/0096300393901455.

Meir:1994:TCM

[Mei94] A. J. Meir. Thermally coupled magnetohydrodynamics flow. *Applied Mathematics and Computation*, 65(1–3):79–94, September/October 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/0096300394901678.

Mostafa:1992:MGS

[MES92] Magdi S. Mostafa and Khaled M. F. El-Sayed. Matrix-geometric solution of a multiserver queue with Markovian group arrivals and Coxian servers. *Applied Mathematics and Computation*, 49(2–3):177–196, June 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039290022S.

Moustafa:1994:ISQ

[MES94] Magdi S. Moustafa and Khaled M. F. El-Sayed. Iterative solution of the $M^{[x]}/C_2/S/N$ queues. *Ap-*

plied Mathematics and Computation, 66(2–3):313–323, December 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/0096300394901252.

Mohsen:1993:HAF

[MEZI93] A. Mohsen, H. El-Zoheiry, and L. Iskandar. A highly accurate finite-difference scheme for a Boussinesq-type equation. *Applied Mathematics and Computation*, 55(2–3):201–212, May 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/0096300393900216.

Murty:1992:STP

[MFF92] K. N. Murty, D. W. Fausett, and L. V. Fausett. Solution of two-point boundary value problems involving Kronecker products. *Applied Mathematics and Computation*, 50(2–3): 145–156, March 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039290122H.

McCord:1993:MAA

[MFS93] Mark R. McCord, Oscar Franzese, and Xiao Duan Sun. Multicriteria analysis of aeromedical fleet expansion. *Applied Mathematics and Computation*, 54(2–3): 101–129, March 15, 1993. CODEN AMHCBQ. ISSN 0096-

3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039390055J.

Martinez:1992:AMI

[MGL92] Ignacio Martínez, María Angeles Gil, and María Teresa López. Analysis of mutual information measures in cluster sampling. *Applied Mathematics and Computation*, 52(2–3):389–402, December 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039290089J.

Mitra:1990:NMM

[Mit90] A. K. Mitra. A neighborhood magnification method for solving implicit equations in two variables. *Applied Mathematics and Computation*, 37(2):97–110, May 1990. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/0096300390900385.

Mitra:1992:VMB

[Mit92] A. K. Mitra. A *c*-version of minimal Boolean sum-of-product forms. *Applied Mathematics and Computation*, 47(2–3):91–108, February 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/0096300392900394.

Mishra:1993:TTLb

[MK93] R. K. Mishra and Satish Kumar. Toward a theory of living state — Part II. *Applied Mathematics and Computation*, 56(2–3):167–176, July 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039390121T`.

Murty:1990:DWC

[ML90] K. N. Murty and P. V. S. Lakshmi. On Dichotomy and well-conditioning in two-point boundary-value problems. *Applied Mathematics and Computation*, 38(3):179–199, August 1990. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039090022U`.

Martin:1991:DON

[MM91] C. Martin and J. Miller. Discrete obsevability of nonlinear systems using continuation techniques. *Applied Mathematics and Computation*, 44(3):241–248, August 1991. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039190060Z`.

Miller:1994:SPM

[MM94] J. Miller and C. Martin. Some properties of mappings induced by Dirichlet polynomials. *Applied Mathematics and Computation*, 64(1):1–11, August 1994.

CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300394901368`.

Martin:1990:SEP

[MMP90] C. Martin, J. Miller, and K. Pearce. Sums of exponentials with polynomial coefficients. *Applied Mathematics and Computation*, 40(1):33–39, November 1990. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039090096L`.

Martin:1991:AMW

[MN91] Clyde F. Martin and John Newman. Analytic models of water loss in sprinkler irrigation. *Applied Mathematics and Computation*, 43(1):19–41, May 1991. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300391900922`.

Mazza:1992:MMA

[MO92] Christian Mazza and Neil O'Connell. Microscopic and macroscopic aspects of epidemics. *Applied Mathematics and Computation*, 47(2–3):237–258, February 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300392900497`.

Mitra:1993:MPC

[MO93] Arun K. Mitra and Justin Ortiz. A massive parallel computation in Boolean logic. *Applied Mathematics and Computation*, 57(2–3):131–160, September 1, 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/0096300393901433.

Mohd:1990:UGO

[Moh90] Ismail Bin Mohd. Unconstrained global optimization using strict complementary slackness. *Applied Mathematics and Computation*, 36(2):75–87, March 1990. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039090013S.

Mohd:1994:IEM

[Moh94] Ismail Bin Mohd. Interval elimination method for stochastic spanning tree problem. *Applied Mathematics and Computation*, 66(2–3):325–341, December 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/0096300394901260.

Morhac:1990:FEF

[Mor90] Miroslav Morháč. Fast error-free algorithm for the determination of kernels of the periodic Volterra representation. *Applied Mathematics and Computation*, 38(2):87–100, July 1990. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039090050D.

Morhac:1994:EFL

[Mor94] Miroslav Morháč. An error-free Levison algorithm to solve integer Toeplitz system. *Applied Mathematics and Computation*, 61(2–3):135–149, March 15, 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/0096300394900434.

Mosetti:1990:PIM

[Mos90] Renzo Mosetti. On a possible interpretation of market dynamics based on the internal model principle. *Applied Mathematics and Computation*, 37(1):1–8, May 1990. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039090106D.

Mandel:1990:MFC

[MP90] Jan Mandel and Seymour V. Parter. On the multigrid F-cycle. *Applied Mathematics and Computation*, 37(1):19–36, May 1990. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039090108F.

Muratori:1991:ILS

[MR91]   Simona Muratori and Sergio Rinaldi. On the invertibility of Leslie systems. *Applied Mathematics and Computation*, 41(2): 179–187, January 1991. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039190069Y`.

Martin:1992:NEG

[MS92a]   Clyde Martin and Mark Stamp. A note on the error in Gaussian quadrature. *Applied Mathematics and Computation*, 47 (1):25–35, January 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300392900626`.

Morgan:1992:CPP

[MS92b]   Alexander P. Morgan and Andrew J. Sommese. Coefficient-parameter polynomial continuation. *Applied Mathematics and Computation*, 51(2–3):207, October 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039290074B`.

Morgan:1992:CAS

[MS92c]   Alexander P. Morgan and Andrew J. Sommese. Computing all solutions to polynomial systems using homotopy continuation.

Applied Mathematics and Computation, 51(2–3):209, October 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039290075C`.

Martin:1993:NEF

[MS93a]   Clyde Martin and Victor Shubov. Natural exponential families of probability distributions and exponential-polynomial approximation. *Applied Mathematics and Computation*, 59(2–3): 275–297, December 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039390093T`.

Martin:1993:PMA

[MS93b]   Clyde Martin and Victor Shubov. Probability measures, Appel polynomials and polynomial approximation. *Applied Mathematics and Computation*, 53(2–3): 277–298, February 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300393901060`.

Mishra:1993:TTLa

[MS93c]   R. K. Mishra and G. K. Sen. Toward a theory of living state — Part I. *Applied Mathematics and Computation*, 56(2–3):153–166, July 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (elec-

tronic). URL `http://www.sciencedirect.com/science/article/pii/0096300393901204`.

Meir:1994:VCF

[MS94a] A. J. Meir and Paul G. Schmidt. A velocity-current formulation for stationary MHD flow. *Applied Mathematics and Computation*, 65(1–3):95–109, September/October 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300394901686`.

Melnikov:1994:MGT

[MS94b] Yu. A. Melnikov and K. L. Shirley. Matrices of Green's type for the potential equation on a cylindrical surface joined to a hemisphere. *Applied Mathematics and Computation*, 65(1–3):241–252, September/October 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300394901805`.

Molnar:1994:VTL

[MS94c] Sándor Molnár and Ferenc Szigeti. On "verticum"-type linear systems with time-dependent linkage. *Applied Mathematics and Computation*, 60(1):89–102, January 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300394902089`.

[MSLB92]

McArthur:1992:SGM

Kelly M. McArthur, Ralph C. Smith, John Lund, and Kenneth L. Bowers. The Sinc–Galerkin method for parameter-dependent self-adjoint problems. *Applied Mathematics and Computation*, 50(2–3):175–202, March 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039290125K`.

Mercier:1993:AAP

[MTP93] P. Mercier, J. Teghem, and H. Pastijn. Assignment of available products to orders with the MCDM software ORESTE. *Applied Mathematics and Computation*, 54(2–3):183–196, March 15, 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039390058M`.

McKeague:1990:SCTa

[MU90a] Ian W. McKeague and Klaus J. Utikal. Stochastic calculus as a tool in survival analysis: a review. *Applied Mathematics and Computation*, 38(1):23–49, July 1990. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039090079I`.

McKeague:1990:SCTb

[MU90b] Ian W. McKeague and Klaus J. Utikal. Stochastic calculus as

a tool in survival analysis: a review. *Applied Mathematics and Computation*, 39(3): 155–181, October 1990. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039090007P`.

Muraskin:1991:SPD

[Mur91a] M. Muraskin. Summation-over-paths degree of freedom and the loop lattice. *Applied Mathematics and Computation*, 42 (2):197–207, March 1991. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039190051N`.

Muratori:1991:ASP

[Mur91b] Simona Muratori. An application of the separation principle for detecting slow-fast limit cycles in a three-dimensional system. *Applied Mathematics and Computation*, 43(1):1–18, May 1991. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039190091Z`.

Muraskin:1992:BNL

[Mur92] M. Muraskin. Beyond Newton and Leibniz. *Applied Mathematics and Computation*, 52(2–3): 417–438, December 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.`

sciencedirect.com/science/ article/pii/009630039290091E.

Muraskin:1993:OWO

[Mur93] M. Muraskin. Oscillations within oscillations. *Applied Mathematics and Computation*, 53(1): 45–82, January 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039390115U`.

Muraskin:1994:IOM

[Mur94] M. Muraskin. Irregular oscillations and mathematical aesthetics. *Applied Mathematics and Computation*, 61(2–3):183–206, March 15, 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300394900477`.

Muses:1994:HAH

[Mus94] C. Musès. Hypernumbers applied or how they interface with the physical world. *Applied Mathematics and Computation*, 60 (1):25–36, January 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300394902038`.

Mirchandani:1993:RNM

[MW93] Pitu B. Mirchandani and Małgorzata M. Wiecek. Routing with nonlinear multiattribute cost functions. *Applied Mathematics and Computation*

and Computation, 54(2–3):215–239, March 15, 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039390060R.

Nwannenna:1991:RMC

[NA91] C. C. Nwannenna and E. M. Aghedo. Reliability monitoring and control in electric power systems. Applied Mathematics and Computation, 43(2):117–138, May 1991. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039190028L.

Namachchivaya:1990:SBa

[Nam90a] N. Sri Namachchivaya. Stochastic bifurcation. Applied Mathematics and Computation, 38(2):101–159, July 1990. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/0096300390900514.

Namachchivaya:1990:SBb

[Nam90b] N. Sri Namachchivaya. Stochastic bifurcation. Applied Mathematics and Computation, 39(3):37–95, October 1990. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039090003L.

Nistal:1993:NIR

[NAM93] J. L. Freire Nistal, F. Alonso Amo, and F. Aguado Martín. On the naturality of the iteration and recursive specifications. Applied Mathematics and Computation, 58(1):1–18, September 15, 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039390042D.

Navarro:1994:CFG

[NFJ94] E. Navarro, M. V. Ferrer, and L. Jódar. Closed form general solution of nonhomogeneous implicit higher order difference systems. Applied Mathematics and Computation, 60(2–3):113–123, February 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/0096300394900981. See erratum [JNF95].

Nakamura:1994:APF

[NG94] Takashi Nakamura and Yukio-Pegio Gunji. Algebraic property of flow diagram in a time-reverse cellular automaton. Applied Mathematics and Computation, 62(2–3):103–127, May 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/0096300394900779.

Newman:1992:CCI

[NP92] D. J. Newman and M. E. Primak. Complexity of circumscribed and inscribed ellipsoid methods for solving equilibrium economical models. *Applied Mathematics and Computation*, 52(2–3):223–231, December 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039290079G`.

Nelson:1992:IET

[NSV92] Paul Nelson, D. L. Seth, and R. Vasudevan. An integrodifferential equation for the two-dimensional reflection kernel. *Applied Mathematics and Computation*, 49(1):1–18, May 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300392900534`.

Niestegge:1990:AMS

[NW90] A. Niestegge and K. Witsch. Analysis of a multigrid strokes solver. *Applied Mathematics and Computation*, 35(3):291–303, February 1990. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300390900488`.

ONeil:1990:CMR

[O'N90] Kevin A. O'Neil. The continuation method for rational and de-

ficient systems. *Applied Mathematics and Computation*, 37 (2):121–129, May 1990. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039090040A`.

Oppenheimer:1992:ASA

[Opp92] Seth F. Oppenheimer. An abstract spectral approximation theorem from the theory of semigroups. *Applied Mathematics and Computation*, 47(2–3): 185–199, February 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300392900464`.

Omari:1992:RLU

[OT92] Pierpaolo Omari and Maurizio Trombetta. Remarks on the lower and upper solutions method for second- and third-order periodic boundary value problems. *Applied Mathematics and Computation*, 50(1):1–21, July 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039290007N`.

Omari:1993:RLU

[OT93] Pierpaolo Omari and Maurizio Trombetta. Remarks on the lower and upper solutions method for second- and third-order boundary value problems. *Applied Mathematics and Computation*,

56(1):101, June 1993. CO-
DEN AMHCBQ. ISSN 0096-
3003 (print), 1873-5649 (elec-
tronic). URL http://www.
sciencedirect.com/science/
article/pii/009630039390082P.

Pang:1994:DBV

[PA94] Peter Y. H. Pang and Ravi P.
Agarwal. On discrete boundary
value problems arising in trans-
port phenomena. *Applied Math-
ematics and Computation*, 60(2–
3):193–213, February 1994. CO-
DEN AMHCBQ. ISSN 0096-
3003 (print), 1873-5649 (elec-
tronic). URL http://www.
sciencedirect.com/science/
article/pii/0096300394901058.

Papageorgiou:1992:EWM

[Pap92] Nikolaos S. Papageorgiou. On
the existence of weakly maximal
programs for a multisector econ-
omy with consumption. *Applied
Mathematics and Computation*,
48(2–3):177–186, April 1992. CO-
DEN AMHCBQ. ISSN 0096-
3003 (print), 1873-5649 (elec-
tronic). URL http://www.
sciencedirect.com/science/
article/pii/0096300392900372.

Papageorgiou:1994:SAC

[Pap94] Nikolaos S. Papageorgiou. Sen-
sitivity analysis for a continu-
ous time infinite horizon growth
model. *Applied Mathemat-
ics and Computation*, 60(1):
43–53, January 1994. CO-
DEN AMHCBQ. ISSN 0096-
3003 (print), 1873-5649 (elec-
tronic). URL http://www.

sciencedirect.com/science/
article/pii/0096300394902054.

Patterson:1990:MRE

[Pat90] Richard L. Patterson. A Markov-
renewal extension of a determin-
istic state-variable model of the
transport and fate of a toxic
chemical in the environment. *Ap-
plied Mathematics and Compu-
tation*, 35(3):219–230, February
1990. CODEN AMHCBQ. ISSN
0096-3003 (print), 1873-5649
(electronic). URL http://www.
sciencedirect.com/science/
article/pii/0096300390900433.

Patterson:1991:RAC

[Pat91] Richard L. Patterson. Regression
approximations for continuous-
time, stochastic compartmen-
tal models of discrete interact-
ing populations. *Applied Mathe-
matics and Computation*, 45(1):
73–89, September 1991. CO-
DEN AMHCBQ. ISSN 0096-
3003 (print), 1873-5649 (elec-
tronic). URL http://www.
sciencedirect.com/science/
article/pii/0096300391900896.

Patterson:1992:DUS

[Pat92] Richard L. Patterson. Distribu-
tions of unexpected services in a
D-node Markov-renewal network
distinguished by customer class.
*Applied Mathematics and Com-
putation*, 52(1):67–82, November
1992. CODEN AMHCBQ. ISSN
0096-3003 (print), 1873-5649
(electronic). URL http://www.
sciencedirect.com/science/
article/pii/009630039290098L.

Pattee:1993:LFM

[Pat93] H. H. Pattee. The limitations of formal models of measurement, control, and cognition. *Applied Mathematics and Computation*, 56(2–3):111–130, July 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039390118X`.

Poston:1992:BSE

[PBL92] Timothy Poston, Hyeong Ohk Bae, and Chung-Nim Lee. Bifurcation structure of the Eckalbar stock-holding model. *Applied Mathematics and Computation*, 48(1):21–43, March 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039290016T`.

Peng:1993:IPN

[Pen93] Zhang Peng. An inverse problem in nonlinear optics. *Applied Mathematics and Computation*, 56(1):59–70, June 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039390079T`.

Pesamosca:1991:FPA

[Pes91] Giancarlo Pesamosca. A fixed point algorithm for solving the Euclidean multifacility location problem in a tree. *Applied Mathematics and Computation*, 44 (2):105–120, July 1991. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039190013D`.

Philos:1992:OCD

[Phi92] Ch. G. Philos. Oscillations in a class of difference equations. *Applied Mathematics and Computation*, 48(1):45–57, March 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039290017U`.

Piccardi:1992:FHO

[Pic92] Carlo Piccardi. Finite-horizon optimal control with pointwise cost functional. *Applied Mathematics and Computation*, 52(2–3):345–353, December 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039290087H`.

Parent:1993:BOW

[PL93] E. Parent and F. Lebdi. Bicriterion operation of a water resources system with reliability-based tradeoffs. *Applied Mathematics and Computation*, 54(2–3):197–213, March 15, 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039390059N`.

Petkovic:1993:GOR

[PP93] Lj. Petković and M. Petković. Generalized Ostrowski root-finding method. *Applied Mathematics and Computation*, 57(2–3):275–287, September 1, 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/0096300393901525.

Philos:1994:GAN

[PPS94] Ch. G. Philos, I. K. Purnaras, and Y. G. Sficas. Global attractivity in a nonlinear difference equation. *Applied Mathematics and Computation*, 62 (2–3):249–258, May 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/0096300394900868.

Pokhariyal:1993:AEM

[PR93] G. P. Pokhariyal and A. J. Rodrigues. An accurate epidemiological model. *Applied Mathematics and Computation*, 53 (1):1–12, January 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039390112R.

Palusinski:1994:CEM

[PS94a] Olgierd A. Palusinski and Ferenc Szidarovszky. A Chebyshev expansion method for solving Nonlinear circuit equations. *Applied Mathematics and Computation*, 60(2–3):299–310, February 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/0096300394901112.

Patterson:1994:NMT

[PS94b] Richard L. Patterson and David Snyder. A numerical model for tracking populations through a time-dependent stochastic network. *Applied Mathematics and Computation*, 61(2–3):163–182, March 15, 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/0096300394900469.

Pardo:1993:APD

[PSMM93] L. Pardo, M. Salicrú, M. L. Menéndez, and D. Morales. Asymptotic properties of (r, s)-directed divergences in a stratified sampling. *Applied Mathematics and Computation*, 55 (2–3):131–152, May 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039390018A.

Pinelis:1994:TUF

[PY94] I. Pinelis and S. Yakowitz. The time until the final zero crossing of random sums with application to nonparametric bandit theory. *Applied Mathematics and Computation*, 63(2–3):235–263, July

1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039490197X.

Ping:1994:MPB

[PZ94] He Ping and Chen Zheng. A method putting bar materials to rational use and a computer program. *Applied Mathematics and Computation*, 63(1):59–73, June 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/0096300394901503.

Rajendran:1992:SUT

[Raj92] K. Rajendran. Simulation of unsteady turbulent flows by quasisteady models. *Applied Mathematics and Computation*, 48(1):1–11, March 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039290014R.

Rajendran:1994:CSU

[Raj94] K. Rajendran. Computer simulation of unsteady turbulent boundary layer flow with the effect of free stream velocity. *Applied Mathematics and Computation*, 63(2–3):151–162, July 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/0096300394901929.

Ramachandran:1990:ECC

[Ram90] M. P. Ramachandran. End conditions for cubic spline interpolation. *Applied Mathematics and Computation*, 40(2):105–116, November 1990. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039090125M.

Raphael:1992:RTT

[Rap92] Christopher Raphael. Radiation theraphy treatment planning: an L^2 approach. *Applied Mathematics and Computation*, 52(2–3):251–277, December 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039290082C.

Rach:1992:DES

[RBA92] R. Rach, A. Baghdasarian, and G. Adomian. Differential equations with singular coefficients. *Applied Mathematics and Computation*, 47(2–3):179–184, February 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/0096300392900453.

Reich:1994:CCV

[RBR94] Robin M. Reich, Charles D. Bonham, and Kimberly K. Remington. Comparison of classical vs. inverse sampling for estimating

plant cover using Monte Carlo simulations. *Applied Mathematics and Computation*, 64(2–3): 171–190, September 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300394900620`.

Ranasinghe:1991:SBE

[RC91] A. I. Ranasinghe and M. H. Chang. Solution of the Burgers equation on semiinfinite and finite intervals via a stream function. *Applied Mathematics and Computation*, 41(2): 145–158, January 1991. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039190067W`.

Reddy:1990:NIM

[Red90a] Y. N. Reddy. A numerical integration method for solving singular perturbation problems. *Applied Mathematics and Computation*, 37(2):83–95, May 1990. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300390900374`.

Reddy:1990:NTC

[Red90b] Y. N. Reddy. Numerical techniques for a class of singular perturbation problems. *Applied Mathematics and Computation*, 35(1):1–11, January 1990. CODEN AMHCBQ. ISSN 0096-

3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039090089L`.

Reddy:1991:NNI

[Red91] Y. N. Reddy. A note on the numerical-integration method for solving singular perturbation problems. *Applied Mathematics and Computation*, 43 (2):175–180, May 1991. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039190032I`.

Regan:1994:LHW

[Reg94] Marian P. Regan. Linear half-wave rectification of modulated sinusoids. *Applied Mathematics and Computation*, 62 (1):61–79, April 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300394901333`.

Reuster:1993:TDC

[RK93] D. Reuster and M. Kaye. A technique for developing complete orthonormal basis sets using general solutions of Bessel's differential equation. *Applied Mathematics and Computation*, 55 (2–3):255–264, May 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300393900249`.

Rosen:1993:MM

[Ros93] Robert Rosen. On models and modeling. *Applied Mathematics and Computation*, 56 (2–3):359–372, July 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/0096300393901282.

Rossler:1993:EA

[RR93] Otto E. Rossler and Jonas O. Rossler. The endo approach. *Applied Mathematics and Computation*, 56(2–3):281–287, July 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039390125X.

Razzaghi:1990:SCI

[RRA90] Mohsen Razzaghi, Mehdi Razzaghi, and Abdollah Arabshahi. Solutions of convolution integral and Fredholm integral equations via double Fourier series. *Applied Mathematics and Computation*, 40(3):215–224, December 1990. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0096300308800033.

Rassias:1992:OPC

[RS92] Themistocles M. Rassias and H. M. Srivastava. The orthogonality property of the classical Laguerre polynomials. *Applied Mathematics and Computation*,

50(2–3):167–173, March 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039290124J.

Rehbock:1992:EPF

[RTJL92] V. Rehbock, K. L. Teo, L. S. Jennings, and C. S. Lee. An exact penalty function approach to all-time-step constrained discrete-time optimal control problems. *Applied Mathematics and Computation*, 49(2–3):215–230, June 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039290025V.

Ruan:1992:ASV

[Rua92] Shigui Ruan. Asymptotic stability for Volterra intergrodifferential systems. *Applied Mathematics and Computation*, 52(2–3):207–222, December 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039290078F.

Ruggiero:1993:PPV

[Rug93] Valeria Ruggiero. Polynomial preconditioning on vector computers. *Applied Mathematics and Computation*, 59(2–3):131–150, December 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.

sciencedirect.com/science/
article/pii/009630039390085S.

Russell:1993:FVD

[RW93] David L. Russell and Luther W. White. Formulation and validation of dynamical models for narrow plate motion. *Applied Mathematics and Computation*, 58(2–3):103–141, October 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039390133Y`.

Rashid:1994:TLF

[RWB94] Abdur Rashid, Cao Weiming, and Guo Benyu. Three level Fourier spectral approximations for fluid flow with low Mach number. *Applied Mathematics and Computation*, 63(2–3):131–149, July 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300394901910`.

Sheng:1994:NVP

[SA94] Qin Sheng and Ravi P. Agarwal. Nonlinear variation of parameter methods for summary difference equations in several independent variables. *Applied Mathematics and Computation*, 61(1):39–60, March 1, 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300394901457`.

Sage:1991:IIC

[Sag91] Andrew P. Sage. Invariant imbedding in control, estimation, and system identification. *Applied Mathematics and Computation*, 45(2):99–119, September 1991. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039190074W`.

Sarper:1993:EAN

[Sar93] Hüseyin Sarper. Evaluation of the accuracy of Naslund's approximation for managerial decision making under uncertainty. *Applied Mathematics and Computation*, 55(1):73–87, April 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039390006Z`.

Savageau:1993:FMR

[Sav93] Michael A. Savageau. Finding multiple roots of nonlinear algebraic equations using S-system methodology. *Applied Mathematics and Computation*, 55(2–3):187–199, May 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039390020F`.

Suleiman:1992:UNI

[SB92] Mohamed Suleiman and Saiman Baok. Using nonconvergence of iteration to partition ODEs. *Ap-

plied Mathematics and Computation, 49(2–3):111–140, June 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300392900202`.

Schulz:1991:SSM

[Sch91a] Lech Schulz. Set-spectrum method in structure comparison and the concept of topological kinship. *Applied Mathematics and Computation*, 41(1):1–20, January 1991. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039190103T`.

Schumitzky:1991:NEA

[Sch91b] Alan Schumitzky. Nonparametric EM Algorithms for estimating prior distributions. *Applied Mathematics and Computation*, 45(2):143–157, September 1991. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039190077Z`.

Schmid:1992:AAC

[Sch92] Ulrich Schmid. On the asymptotics of the average CRI length of the slotted ALOHA collision resolution algorithm. *Applied Mathematics and Computation*, 48(1):59–70, March 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.`

`sciencedirect.com/science/article/pii/009630039290018V`.

Selvakumar:1994:CMS

[Sel94] K. Selvakumar. A computational method for solving singular perturbation problems using exponentially fitted finite difference schemes. *Applied Mathematics and Computation*, 66(2–3):277–292, December 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300394901236`.

Semper:1992:NCO

[Sem92] Bill Semper. A note on the computation of the outflow derivative for singular perturbation problems. *Applied Mathematics and Computation*, 51(2–3):135–141, October 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039290069D`.

Sengupta:1990:JIS

[Sen90] A. Sengupta. Jordan invariant subspaces via algebraic generalized inverse. *Applied Mathematics and Computation*, 38(2):75–85, July 1990. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300390900499`.

Sengupta:1993:NRC

[Sen93] A. Sengupta. A note on a reduction of Cauchy singular integral equation to Fredholm equation in L_p. *Applied Mathematics and Computation*, 56(1):97–100, June 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039390081O.

Sen:1992:DFP

[SH92] S. K. Sen and Gary W. Howell. Direct fail-proof triangularization algorithms for $AX + XB = C$ with Error-Free and parallel implementations. *Applied Mathematics and Computation*, 50(2–3):255–278, March 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039290128N.

Sharp:1990:SDEa

[Sha90a] Keith P. Sharp. Stochastic differential equations in finance. *Applied Mathematics and Computation*, 37(2):131–148, May 1990. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039090041Z.

Sharp:1990:SDEb

[Sha90b] Keith P. Sharp. Stochastic differential equations in finance. *Applied Mathematics and Computation*, 39(3):207–224, October 1990. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039090009R.

Shalaby:1994:MER

[Sha94] M. A. Shalaby. Minimal eigenvalue of a real symmetric positive definite Toeplitz matrix. *Applied Mathematics and Computation*, 64(2–3):93–99, September 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/0096300394900558.

Shetty:1990:ASL

[She90] Bala Shetty. Approximate solutions to large scale capacitated facility location problems. *Applied Mathematics and Computation*, 39(2):159–175, September 1990. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/0096300390900293.

Shimizu:1993:BAS

[Shi93] H. Shimizu. Biological autonomy: the self-creation of constraints. *Applied Mathematics and Computation*, 56(2–3):177–201, July 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039390122U.

Stokes:1994:PMM

[SHR94]   M. L. Stokes, D. H. Huddleston, and M. G. Remotigue. A practical model for multidisciplinary analysis data and algorithm abstraction. *Applied Mathematics and Computation*, 65(1–3):111–123, September/October 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300394901694`.

Simos:1992:EAS

[Sim92]   T. E. Simos. An explicit almost *P*-stable two-step method with phase-lag of order infinity for the numerical integration of second-order Pacific initial-value problems. *Applied Mathematics and Computation*, 49(2–3):261–268, June 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039290029Z`.

Simos:1994:SNV

[Sim94]   T. E. Simos. Some new variable-step methods with minimal phase lag for the numerical integration of special second-order initial-value problem. *Applied Mathematics and Computation*, 64 (1):65–72, August 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300394901392`.

Sivaloganathan:1992:FEP

[Siv92]   S. Sivaloganathan. A finite-element, parameter stepping solution procedure for the steady-state Boussinesq equations. *Applied Mathematics and Computation*, 51(1):43–83, September 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039290134M`.

Shang:1994:NSD

[SKCW94]   H. M. Shang, Y. M. Kim, C. P. Chen, and T. S. Wang. Numerical studies of droplet-turbulence interactions. *Applied Mathematics and Computation*, 65(1–3): 63–78, September/October 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039490166X`.

Slater:1991:PBM

[Sla91]   Paul B. Slater. Physical-based models of internal migration. *Applied Mathematics and Computation*, 43(1):95–103, May 1991. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300391900966`.

Slater:1993:IMA

[Sla93a]   Paul B. Slater. International migration and air travel: global smoothing and estimation. *Applied Mathematics and Computation*, 53(2–3):225–234, February

1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039390103L.

Slater:1993:WPD

[Sla93b] Paul B. Slater. World population distribution: smoothed representations. *Applied Mathematics and Computation*, 53(2–3): 207–223, February 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039390102K.

Szidarovszky:1994:LDP

[SM94] Ferenc Szidarovszky and Sàndor Molnàr. Learning in a dynamic producer–consumer market. *Applied Mathematics and Computation*, 62(2–3):223–233, May 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/0096300394900841.

Szidarovszky:1991:PSL

[SMO91] Ferenc Szidarovszky, Sándor Molnár, and Koji Okuguchi. An N-person Stackelberg leader–leader model. *Applied Mathematics and Computation*, 46(3): 221–232, December 1991. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/0096300391901187.

Seda:1992:PBV

[ŠNG92] V. Šeda, Juan J. Nieto, and M. Gera. Periodic boundary value problems for nonlinear higher order ordinary differential equations. *Applied Mathematics and Computation*, 48 (1):71–82, March 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039290019W.

Szidarovszky:1990:DOM

[SO90] Ferenc Szidarovszky and Koji Okuguchi. Dynamic oligopoly: models with incomplete information. *Applied Mathematics and Computation*, 38(2): 161–177, July 1990. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/0096300390900525.

Soni:1993:EGG

[Son93] Bharat K. Soni. Elliptic grid generation system: control functions revisited — I. *Applied Mathematics and Computation*, 59(2–3):151–163, December 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039390086T.

Soriano:1993:GMP

[Sor93] J. M. Soriano. Global minimum point of a convex function. *Ap-

plied Mathematics and Computation, 55(2–3):213–218, May 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300393900227`.

Soriano:1994:EPC

[Sor94] J. M. Soriano. Extremum points of a convex function. *Applied Mathematics and Computation*, 66(2–3):261–266, December 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039490121X`. See erratum [Sor97].

Soriano:1997:EEP

[Sor97] J. M. Soriano. Erratum: "Extremum points of a convex function". *Applied Mathematics and Computation*, 84(1):95, June 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0096300397002105`. See [Sor94].

Sosnowska:1991:CKW

[Sos91] Honorata Sosnowska. Controllability in the Kornai–Weibull queueing model of a market in a shortage economy. *Applied Mathematics and Computation*, 43(3):207–220, June 1991. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.`

`sciencedirect.com/science/article/pii/0096300391900069`.

Szpiro:1993:PSC

[SP93] A. A. Szpiro and V. Protopopescu. Parabolic systems with competitive interactions and control on initial conditions. *Applied Mathematics and Computation*, 59(2–3):215–245, December 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300393900902`.

Szidarovszky:1994:SME

[SP94] Ferenc Szidarovszky and Olgierd A. Palusinski. A special matrix equation and its application in Microelectronics. *Applied Mathematics and Computation*, 64(2–3):115–119, September 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300394900574`.

Soyeux:1993:BQA

[SPD93] A. Soyeux, E. Parent, and L. Duckstein. A biattribute quality analysis of the food industry. *Applied Mathematics and Computation*, 58(2–3): 199–214, October 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300393901363`.

Spitaleri:1990:MMG

[Spi90] R. M. Spitaleri. A multigrid method for grid generation with line-spacing control. *Applied Mathematics and Computation*, 40(2):125–134, November 1990. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300390901270`.

Sengupta:1990:ASL

[SR90] A. Sengupta and M. Rama Mohana Rao. On approximate solution of linear singular integral equations. *Applied Mathematics and Computation*, 36(3):147–161, April 1990. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039090010Z`.

Srivastava:1994:ORG

[Sri94] H. M. Srivastava. Orthogonality relations and generating functions for the generalized Bessel polynomials. *Applied Mathematics and Computation*, 61(2–3): 99–134, March 15, 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300394900426`.

Sanchez:1991:DFD

[SS91] Paul J. Sanchez and Susan M. Sanchez. Design of frequency-domain experiments for discrete-valued factors. *Applied Mathematics and Computation*, 42(1):1–21, March 1991. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039190111Y`.

Sivasundaram:1992:AIA

[SS92] S. Sivasundaram and Yong Sun. Application of interval analysis to impulsive differential equations. *Applied Mathematics and Computation*, 47(2–3): 201–210, February 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300392900475`.

Shahruz:1994:ASL

[SS94a] S. M. Shahruz and A. L. Schwartz. An approximate solution for linear boundary-value problems with slowly varying coefficients. *Applied Mathematics and Computation*, 60(2–3): 285–298, February 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300394901104`.

Shivaji:1994:SID

[SS94b] Ratnasingham Shivaji and Bharat Soni. Special issue on differential equations and computational simulations I. *Applied Mathematics and Computation*, 65(1–3):1–2, September/October 1994.

CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300394901619`.

Steit:1994:CSQ

[Ste94] H. A. H. Abou Steit. Cubic spline on quintic spline method for nonlinear boundary value problems. *Applied Mathematics and Computation*, 66(2–3): 267–275, December 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300394901228`.

Serrano:1990:REEa

[SU90a] Sergio E. Serrano and T. E. Unny. Random evolution equations in hydrology. *Applied Mathematics and Computation*, 38 (3):201–226, August 1990. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039090023V`.

Serrano:1990:REEb

[SU90b] Sergio E. Serrano and T. E. Unny. Random evolution equations in hydrology. *Applied Mathematics and Computation*, 39 (3):97–122, October 1990. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039090004M`.

Srinivasu:1992:QCN

[SV92a] P. D. N. Srinivasu and M. Venkatesulu. Quadratically convergent numerical schemes for nonstandard initial value problems. *Applied Mathematics and Computation*, 47(2–3):145–154, February 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039290043Z`.

Srinivasu:1992:SNT

[SV92b] P. D. N. Srinivasu and M. Venkatesulu. Solutions of nonstandard n th order initial value problems. *Applied Mathematics and Computation*, 47(2–3): 155–178, February 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300392900442`.

Saxena:1994:STP

[SV94] Anjula Saxena and Ezio Venturino. Solving two-point boundary value problems by means of deficient quartic splines. *Applied Mathematics and Computation*, 66(1):25–40, November 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300394901562`.

Silliman:1991:GRF

[SW91] S. E. Silliman and A. L. Wright. Generation of random fields characterized by discrete regions of

constant value. *Applied Mathematics and Computation*, 45(3): 293–311, October 1991. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300391900852`.

Shaw:1992:ATG

[SW92] J. A. Shaw and N. P. Weatherill. Automatic topology generation for multiblock grids. *Applied Mathematics and Computation*, 52(2–3):355–388, December 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039290088I`.

Sheng:1994:IAN

[SW94] Zhang Lian Sheng and M. A. Wolfe. An interval algorithm for nondifferentiable global optimization. *Applied Mathematics and Computation*, 63(2–3):101–122, July 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300394901899`.

Sworder:1991:HAC

[Swo91] D. D. Sworder. Hybrid adaptive control. *Applied Mathematics and Computation*, 45(2): 173–192, September 1991. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.`

`sciencedirect.com/science/article/pii/0096300391900793`.

Szidarovszky:1993:CDD

[SY93] Ferenc Szidarovszky and Jerome Yen. On the controllability of discrete dynamic oligopolies under adaptive expectations. *Applied Mathematics and Computation*, 56(1):49–57, June 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039390078S`.

Shih:1994:IGG

[SYS94] Ming H. Shih, Tzu-Yi Yu, and Bharat K. Soni. Interactive grid generation and NURBS applications. *Applied Mathematics and Computation*, 65(1–3):279–294, September/October 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039490183X`.

Szidarovszky:1990:CNA

[Szi90] Ferenc Szidarovszky. On the convergence of nonstationary algorithms modeled by point-to-set maps. *Applied Mathematics and Computation*, 39(2):107–110, September 1990. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039090025X`.

Tabatabai:1993:RET

[TA93] M. A. Tabatabai and I. K. Argyros. Robust estimation and testing for general nonlinear regression models. *Applied Mathematics and Computation*, 57(1):85–101, August 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300393900146`.

Tsai:1992:CAM

[TCS92] J. S. H. Tsai, C. M. Chen, and L. S. Shieh. A computer-aided method for solvents and spectral factors of matrix polynomials. *Applied Mathematics and Computation*, 47(2–3):211–235, February 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300392900486`.

Tecle:1994:IMP

[TDK94] Aregai Tecle, Lucien Duckstein, and Pekka Korhonen. Interactive, multiobjective programming for forest resources management. *Applied Mathematics and Computation*, 63(1):75–93, June 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300394901511`.

Tennakone:1990:SBC

[Ten90] K. Tennakone. Stability of the biomass-carbon dioxide equilib-rium in the atmosphere: mathematical model. *Applied Mathematics and Computation*, 35(2):125–130, January 1990. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039090113H`.

Tennakone:1991:KGA

[Ten91] K. Tennakone. The kinetics of the growth of an accidentally created chiral biomolecule in the racemic prebiotic medium. *Applied Mathematics and Computation*, 43(2):139–144, May 1991. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039190029M`.

Tesfatsion:1991:I

[Tes91a] Leigh Tesfatsion. Introduction. *Applied Mathematics and Computation*, 45(2):89–90, September 1991. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039190071T`.

Tesfatsion:1991:WRKa

[Tes91b] Leigh Tesfatsion. Work by Robert Kalaba on automated sensitivity analysis. *Applied Mathematics and Computation*, 45(2):121–133, September 1991. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.`

sciencedirect.com/science/
article/pii/009630039190075X.

Tesfatsion:1991:WRKb

[Tes91c] Leigh Tesfatsion. Work by
Robert Kalaba on multicriteria estimation. *Applied Mathematics and Computation*, 45(2):
159–171, September 1991. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.
sciencedirect.com/science/
article/pii/0096300391900782.

Teo:1993:SFS

[TFM93] K. L. Teo, M. E. Fisher, and J. B.
Moore. A suboptimal feedback
stabilizing controller for a class
of nonlinear regulator problems.
Applied Mathematics and Computation, 59(1):1–17, November
1993. CODEN AMHCBQ. ISSN
0096-3003 (print), 1873-5649
(electronic). URL http://www.
sciencedirect.com/science/
article/pii/S009630039390038G.

Tapia:1991:CML

[TGK91] M. A. Tapia, T. A. Guima,
and A. Katbab. Calculus
for a multivalued-logic algebraic system. *Applied Mathematics and Computation*, 42
(3):255–285, April 1991. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.
sciencedirect.com/science/
article/pii/0096300391900047.

Todorov:1994:EHG

[TH94] Pavel G. Todorov and John H.
Hubbell. On the Epstein–Hubbell generalized elliptic-type
integral. *Applied Mathematics and Computation*, 61(2–3):
157–161, March 15, 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.
sciencedirect.com/science/
article/pii/0096300394900450.

Teo:1990:NCD

[TLG90] K. L. Teo, Y. Liu, and C. J. Goh.
Nonlinearly constrained discrete-time optimal-control problems.
Applied Mathematics and Computation, 38(3):227–248, August
1990. CODEN AMHCBQ. ISSN
0096-3003 (print), 1873-5649
(electronic). URL http://www.
sciencedirect.com/science/
article/pii/009630039090024W.

Trigiante:1992:BLS

[TM92] D. Trigiante and K. N. Murty.
On best least square solutions of
two-point boundary value problems via modified Gram–Schmidt
process. *Applied Mathematics and Computation*, 51(2–3):
105–118, October 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.
sciencedirect.com/science/
article/pii/009630039290067B.

Thompson:1990:ONEa

[TT90a] M. E. Thompson and A. Thavaneswaran. Optimal nonpara-

metric estimation for some semi-martingale stochastic differential equations. *Applied Mathematics and Computation*, 37 (3):169–183, June 1990. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300390900547`.

Thompson:1990:ONEb

[TT90b] M. E. Thompson and A. Thavaneswaran. Optimal nonparametric estimation for some semi-martingale stochastic differential equations. *Applied Mathematics and Computation*, 39(3): 123–137, October 1990. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039090005N`.

Tennakone:1990:BCS

[TW90] K. Tennakone and S. Wickramanayaka. Biochemical chiral selection in the presence of instabilities, chaos, and noise. *Applied Mathematics and Computation*, 38(1):1–6, July 1990. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039090077G`.

Udwadia:1991:NPC

[Udw91] Firdaus E. Udwadia. Noncollocated point control of nondispersive distributed-parameter systems using time delays. *Applied*

Mathematics and Computation, 42(1):23–63, March 1991. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039190112Z`.

Udwadia:1992:NCD

[Udw92a] Firdaus E. Udwadia. Noncollocated control of distributed-parameter nondispersive systems with tip inertias using time delays. *Applied Mathematics and Computation*, 47 (1):47–75, January 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300392900648`.

Udwadia:1992:SCR

[Udw92b] Firdaus E. Udwadia. Some convergence results related to the JOR iterative method for symmetric, positive-definite matrices. *Applied Mathematics and Computation*, 47(1):37–45, January 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300392900637`.

Ueno:1991:SAC

[Uen91] Sueo Ueno. Stochastic approach to the Cauchy problem of linearized Couette flow. *Applied Mathematics and Computation*, 45(2):207–217, September 1991. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (elec-

tronic). URL http://www.
sciencedirect.com/science/
article/pii/009630039190081W.

Udwadia:1994:CIM

[UK94] Firdaus E. Udwadia and Ravi Kumar. Convergence of iterative methods for nonclassically damped dynamic systems. *Applied Mathematics and Computation*, 61(1):61–97, March 1, 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/0096300394901465.

Unny:1990:ISI

[Unn90] T. E. Unny. Introduction to special issue on theory and application of stochastic differential equations. *Applied Mathematics and Computation*, 39(3):1–2, October 1990. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039090001J.

Vassilevski:1991:MPE

[Vas91] P. S. Vassilevski. Multilevel preconditioners for elliptic problems by substructuring. *Applied Mathematics and Computation*, 46(2):79–106, November 1991. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039190018I.

Voulov:1992:ASH

[VB92] H. D. Voulov and D. D. Bainov. Asymptotic stability for a homogeneous singularly perturbed system of differential equations with unbounded delay. *Applied Mathematics and Computation*, 51(1):1–16, September 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039290132K.

Verschelde:1991:NSS

[VBH91] Jan Verschelde, Marc Beckers, and Ann Haegemans. A new start system for solving deficient polynomial systems using continuation. *Applied Mathematics and Computation*, 44(3):225–239, August 1991. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039190059V.

Varadarajan:1991:RCT

[VCM91] V. Varadarajan, W. H. Choe, and G. H. Miley. Rapid calculation of tokamak equilibria with toroidal rotation via minimization of a functional. *Applied Mathematics and Computation*, 43(2):145–163, May 1991. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039190030Q.

Veverka:1992:MRM

[Vev92] Vladimír Veverka. A method of reconciliation of measured data with nonlinear constraints. *Applied Mathematics and Computation*, 49(2–3):141–176, June 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039290021R.

Voller:1992:MEN

[Vol92] Rudolf L. Voller. Monotone enclosure for nonlinear PDEs using multigrid techniques. *Applied Mathematics and Computation*, 47(2–3):121–135, February 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039290041X.

Vazirinejad:1990:CSE

[VS90] Shamsedin Vazirinejad and Soroosh Sorooshian. A Comparison of simultaneous-equations, weighted regression, and noise-in-variables models. *Applied Mathematics and Computation*, 40(3): 187–202, December 1990. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/S009630030880001X.

Vulanovic:1990:SIN

[Vul90] Relja Vulanović. Some improvements of the nonequidistant Engquist–Osher scheme. *Applied*

Mathematics and Computation, 40(2):147–164, November 1990. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039090129Q.

Vu:1994:NSF

[VWSS94] Bruce Vu, Ten-See Wang, Ming-Hsin Shih, and Bharat Soni. Navier–Stokes flow field analysis of compressible flow in a high pressure safety relief valve. *Applied Mathematics and Computation*, 65(1–3):345–353, September/October 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/0096300394901872.

Waissi:1990:NSC

[Wai90] Gary R. Waissi. A new $O(n^2)$ shortest chain algorithm. *Applied Mathematics and Computation*, 37(2):111–120, May 1990. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/0096300390900396.

Wampler:1992:BNC

[Wam92] Charles W. Wampler. Bezout number calculations for multi-homogeneous polynomial systems. *Applied Mathematics and Computation*, 51(2–3): 143–157, October 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (elec-

tronic). URL http://www.sciencedirect.com/science/article/pii/009630039290070H.

Wang:1992:SIT

[Wan92] Shao-Ming Wang. Spline interpolations over type-2 triangulations. *Applied Mathematics and Computation*, 49(2–3):299–313, June 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039290031U.

Wang:1993:RNN

[Wan93] Jun Wang. A recurrent neural network for real-time matrix inversion. *Applied Mathematics and Computation*, 55(1):89–100, April 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/0096300393900072.

Wang:1994:CSA

[Wan94] Shao-Ming Wang. A cubic structure on an arbitrary quadrilateral. *Applied Mathematics and Computation*, 60(1):55–68, January 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/0096300394902062.

Warren:1991:TTS

[War91] Richard H. Warren. Tours for the traveling salesman. *Applied*

Mathematics and Computation, 46(3):167–177, December 1991. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/0096300391901154.

Warren:1994:SCT

[War94] Richard H. Warren. Special cases of the traveling salesman problem. *Applied Mathematics and Computation*, 60(2–3):171–177, February 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/0096300394901031.

Wazwaz:1993:NSG

[Waz93] Abdul-Majid Wazwaz. On the numerical solution of the Goursat problem. *Applied Mathematics and Computation*, 59(1):89–95, November 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039390036E.

Werbos:1993:CSF

[Wer93] Paul J. Werbos. Chaotic solitons and the foundations of physics: a potential revolution. *Applied Mathematics and Computation*, 56(2–3):289–339, July 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039390126Y.

White:1991:EEP

[Whi91] L. W. White. Estimation of elastic parameters in a nonlinear elliptic model of a plate. *Applied Mathematics and Computation*, 42(2):139–187, March 1991. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039190049S.

White:1993:EMP

[Whi93] L. W. White. Estimation of material parameters in a dynamic nonlinear plate model. *Applied Mathematics and Computation*, 54(1):25–63, March 1, 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039390032A.

Wong:1992:SAS

[WJ92] Yau Shu Wong and Xingzhi Ji. On shooting algorithm for Sturm–Liouville eigenvalue problems with periodic and semi-periodic boundary conditions. *Applied Mathematics and Computation*, 51(2–3): 87–104, October 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039290066A.

Wexler:1991:NMT

[WM91] Anthony S. Wexler and Donald J. Marsh. Numerical methods for three-dimensional models of the urine concentrating mechanism. *Applied Mathematics and Computation*, 45(2): 219–240, September 1991. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039190082X.

Weatherill:1991:SPF

[WN91] N. P. Weatherill and D. K. Natakusumah. The simulation of potential flow around multiple bodies using overlapping connected meshes. *Applied Mathematics and Computation*, 46 (1):1–21, November 1991. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/0096300391900988.

Wu:1994:PRC

[Wu94] Berlin Wu. Pattern recognition and classification in time series analysis. *Applied Mathematics and Computation*, 62 (1):29–45, April 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/0096300394901317.

Xiguan:1994:FPS

[XYY94] Lu Xiguan, Li Yong, and Su Yi. Finding periodic solutions of ordinary differential equations via homotopy method. *Applied Mathematics and Computation*,

62(2–3):153–170, May 1994. CO-
DEN AMHCBQ. ISSN 0096-
3003 (print), 1873-5649 (elec-
tronic). URL `http://www.
sciencedirect.com/science/
article/pii/0096300394900795`.

Yakowitz:1992:EPA

[Yak92a] Diana Yakowitz. An exact
penalty algorithm for recourse-
constrained stochastic linear pro-
grams. *Applied Mathematics and
Computation*, 49(1):39–62, May
1992. CODEN AMHCBQ. ISSN
0096-3003 (print), 1873-5649
(electronic). URL `http://www.
sciencedirect.com/science/
article/pii/0096300392900556`.

Yakowitz:1992:DMM

[Yak92b] Sid Yakowitz. A decision model
and methodology for the AIDS
epidemic. *Applied Mathemat-
ics and Computation*, 52(1):149–
172, November 1992. CO-
DEN AMHCBQ. ISSN 0096-
3003 (print), 1873-5649 (elec-
tronic). URL `http://www.
sciencedirect.com/science/
article/pii/0096300392901038`.

Yang:1994:PAA

[Yan94] Hailang Yang. A projective al-
gorithm for approximation of
fractal sets. *Applied Mathe-
matics and Computation*, 63(2–
3):201–212, July 1994. CO-
DEN AMHCBQ. ISSN 0096-
3003 (print), 1873-5649 (elec-
tronic). URL `http://www.
sciencedirect.com/science/
article/pii/0096300394901953`.

Yee:1993:ADM

[Yee93] Eugene Yee. Application of the
decomposition method to the so-
lution of the reaction-convection-
diffusion equation. *Applied
Mathematics and Computation*,
56(1):1–27, June 1993. CO-
DEN AMHCBQ. ISSN 0096-
3003 (print), 1873-5649 (elec-
tronic). URL `http://www.
sciencedirect.com/science/
article/pii/009630003939075P`.

Yang:1991:MNA

[YF91] Jun Yang and Changxin Fan.
Modeling of nonlinear and ac-
tive cochlear mechanics and its
Volterra-series analysis. *Applied
Mathematics and Computation*,
43(3):241–263, June 1991. CO-
DEN AMHCBQ. ISSN 0096-
3003 (print), 1873-5649 (elec-
tronic). URL `http://www.
sciencedirect.com/science/
article/pii/009630003919010K`.

Yakowitz:1990:CAM

[YGH90] S. Yakowitz, J. Gani, and
R. Hayes. Cellular automa-
ton modeling of epidemics. *Ap-
plied Mathematics and Compu-
tation*, 40(1):41–54, November
1990. CODEN AMHCBQ. ISSN
0096-3003 (print), 1873-5649
(electronic). URL `http://www.
sciencedirect.com/science/
article/pii/009630003909097M`.

Yip:1991:IFD

[Yip91] Paul Yip. Inference on a fa-
tal disease. *Applied Mathe-
matics and Computation*, 41(1):

89–97, January 1991. CO-
DEN AMHCBQ. ISSN 0096-
3003 (print), 1873-5649 (elec-
tronic). URL `http://www.`
`sciencedirect.com/science/`
`article/pii/009630039190109Z.`

Yip:1992:IPS

[Yip92] Paul Yip. An inference proce-
dure for a simple epidemic model:
a martingale approach. *Applied
Mathematics and Computation*,
47(1):77–89, January 1992. CO-
DEN AMHCBQ. ISSN 0096-
3003 (print), 1873-5649 (elec-
tronic). URL `http://www.`
`sciencedirect.com/science/`
`article/pii/0096300392900659.`

Yip:1993:SIP

[Yip93] Paul Yip. Statistical inference
procedure for a hypergeometric
model for capture–recapture ex-
periments. *Applied Mathemat-
ics and Computation*, 58(2–3):
225–240, October 1993. CO-
DEN AMHCBQ. ISSN 0096-
3003 (print), 1873-5649 (elec-
tronic). URL `http://www.`
`sciencedirect.com/science/`
`article/pii/0096300393901385.`

Yakowitz:1993:MAD

[YLS93] D. S. Yakowitz, L. J. Lane, and
F. Szidarovszky. Multi-attribute
decision making: dominance with
respect to an importance order of
the attributes. *Applied Mathe-
matics and Computation*, 54(2–
3):167–181, March 15, 1993. CO-
DEN AMHCBQ. ISSN 0096-
3003 (print), 1873-5649 (elec-
tronic). URL `http://www.`

`sciencedirect.com/science/`
`article/pii/009630039390057L.`

Yang:1994:SAG

[YS94] Jiann-Cherng Yang and Bharat K.
Soni. Structured adaptive grid
generation. *Applied Mathematics
and Computation*, 65(1–3):265–
278, September/October 1994.
CODEN AMHCBQ. ISSN 0096-
3003 (print), 1873-5649 (elec-
tronic). URL `http://www.`
`sciencedirect.com/science/`
`article/pii/0096300394901821.`

Zaghrout:1991:OSO

[ZA91] A. A. S. Zaghrout and Z. Ali. On
oscillations of second order lin-
ear differential equations. *Applied
Mathematics and Computation*,
46(2):135–144, November 1991.
CODEN AMHCBQ. ISSN 0096-
3003 (print), 1873-5649 (elec-
tronic). URL `http://www.`
`sciencedirect.com/science/`
`article/pii/009630039190021E.`

Zaghrout:1991:SPF

[Zag91] Afaf A. S. Zaghrout. Stability
and persistence of facultative mu-
tualism with populations inter-
acting in a food chain. *Applied
Mathematics and Computation*,
45(1):1–15, September 1991. CO-
DEN AMHCBQ. ISSN 0096-
3003 (print), 1873-5649 (elec-
tronic). URL `http://www.`
`sciencedirect.com/science`
`article/pii/0096300391900863.`

Zaghrout:1992:ABS

[Zag92] Afaf A. S. Zaghrout. Asymptotic
behavior of solutions of competi-

tion in gradostat with two limiting complementary substrates. *Applied Mathematics and Computation*, 49(1):19–37, May 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300392900545`.

Zaslavsky:1993:AAM

[Zas93] Leonid Yu. Zaslavsky. An adaptive algebraic multigrid for multigroup neutron diffusion reactor core calculations. *Applied Mathematics and Computation*, 53(1):13–26, January 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039390113S`.

Zaghrout:1991:GGB

[ZED91] A. A. S. Zaghrout and N. El-Dawaliby. Generalizations of Gronwall–Bellman–Reid inequalities. *Applied Mathematics and Computation*, 41(2):129–143, January 1991. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039190066V`.

Zufiria:1990:CMF

[ZG90] Pedro J. Zufiria and Ramesh S. Guttalu. A computational method for finding all the roots of a vector function. *Applied Mathematics and Computation*, 35(1):13–59, January 1990. CO-

DEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039090090P`.

Zheng:1993:MMC

[Zhe93] Chen Zheng. A mathematical model and computer program of economic evaluation and prediction. *Applied Mathematics and Computation*, 59(1):63–72, November 1993. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S009630039390041C`.

Zhu:1994:SMF

[Zhu94] Jianping Zhu. Simulating multiphase flow in porous media on KSR-1 parallel computers. *Applied Mathematics and Computation*, 65(1–3):19–31, September/October 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300394901635`.

Zouyousefain:1990:SRD

[ZL90] M. Zouyousefain and S. Leela. Stability results for difference equations of Volterra type. *Applied Mathematics and Computation*, 36(1):51–61, March 1990. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/009630039090074D`.

Zhang:1991:GMV

[ZM91] Hong Zhang and Xiao-Yi Min. On the Galerkin method with vector basis functions. *Applied Mathematics and Computation*, 42(1):85–103, March 1991. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/0096300391901143.

Zheng:1992:UCS

[ZP92] Chen Zheng and He Ping. Using computers to seek the optimum combination of investment. *Applied Mathematics and Computation*, 49(2–3):197–203, June 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039290023T.

Zuhe:1990:BNP

[ZW90a] Shen Zuhe and M. A. Wolfe. A ball Newton point algorithm for bounding zeros of analytic functions. *Applied Mathematics and Computation*, 36(1):1–14, March 1990. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039090071A.

Zuhe:1990:IEU

[ZW90b] Shen Zuhe and M. A. Wolfe. On interval enclosures using slope arithmetic. *Applied Mathematics and Computation*, 39(1):89–105, September 1990. CO-

DEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039090124L.

Zuhe:1992:STN

[ZW92] Shen Zuhe and M. A. Wolfe. Slope tests for Newton-type methods. *Applied Mathematics and Computation*, 52(2–3): 403–416, December 1992. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039290090N.

Zhihong:1994:VPF

[ZXY94] Guan Zhihong, Wen Xiangcai, and Liu Yongqing. Variation of the parameters formula and the problem of BIBO for singular measure differential systems with impulse effect. *Applied Mathematics and Computation*, 60(2–3):153–169, February 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/0096300394901023.