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Title word cross-reference

$(k, n - k - 2)$ [AW99b]. 1
[Ada99, Ram97a, RGL97a]. 2
[LS98a, Van95]. 3 [Cha95a, SK96]. ⁽¹⁾
[Chu97]. ^{ti} [DF96]. 0 [Sol99a]. 1 [KL99a]. 2
[Chu97]. A [Che96a]. $A_{T,S}^{(2)}$ [Che96a]. C^0
[Lin98]. C^∞ [Sas95a]. \mathcal{L}_2 [Yür99]. D
[Zha99b]. $E(3)$ [Beh95]. H [DK96, CW97]. L
[GS95]. L_p [DEV95, JMS98]. LC^1 [Sun98].
 M [ABT98]. $M/M/1$ [Jac95]. N
[JC97b, AP95, Kan97, Nar99a, YK97a].
 $\nabla^2 V(x_j) = 0$ [Yan99]. p [Kwa96]. $P(Z < Y)$
[Ami99]. $P1$ [YK97b]. Q [GBS99, JC97b]. S
[MBS98]. T [AdO98]. θ [Ram98a, Ram98b].
 V [XL98, XL99]. $Y_n(z)$ [ZB97]. z [Tag98].
 $\zeta(2)$ [CRS99]. $\zeta(2n + 1)$ [Sri98].

-adaptive [CW97]. **-approximation**
[DEV95]. **-ary** [GBS99]. **-class** [Sas95a].
-cycle [Kwa96, XL98, XL99]. **-D**
[RGL97a, Cha95a, Ram97a, SK96].
-dimensional [Kan97, Nar99a]. **-equation**
[DK96]. **-matrices** [ABT98]. **-methods**
[Ram98a, Ram98b]. **-nonconforming**
[KL99a]. **-norm** [JMS98]. **-orientation**
[Zha99b]. **-periodic** [AdO98]. **-simplexes**
[JC97b]. **-stability** [Sol99a]. **-symmetric**
[ST96]. **-system** [MBS98]. **-systems** [GS95].
-transforms [Yür99]. **-triangulated**
[JC97b].

1 [Arg99d]. **1994** [Cab95].

2-tori [Tak98]. **2nd** [VD97].

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abandonments [Mil95]. **Ablowitz** [TPGV97]. **abrupt** [Abu97]. **ABS** [ABT98]. **absolute** [SBH96, Waz97c]. **accelerating** [Boy95, SL99]. **Acceleration** [Zha96b, Zha99a, Zha98b]. **account** [HZ95, LC97]. **accumulation** [WZ98]. **Accuracy** [HY99b, HM99, Zen99]. **Accurate** [MRJ95, BS98, Hos99, HY99a]. **action** [MS97]. **active** [IOAB95]. **Adaptive** [ADS96, HAST98, MBCvdV95, RRB95, Sug95, XS95, CW97, KKH95, SU95, TSK98, WZZ98, ZS98]. **Addendum** [JS98a]. **additive** [XL98, YK97b]. **admissible** [AH99b]. **Admission** [Mil95]. **Adomian** [Waz98a, Waz99d]. **adsorbers** [RBP96]. **advanced** [JS98b]. **Advances** [FpDS99]. **advection** [Waz95b]. **advective** [Hos99, HY99a]. **advective-dispersive** [HY99a]. **aerial** [AKK99]. **aesthetic** [Mur96]. **affects** [FHK97]. **affinity** [Bay98a]. **AGE** [KR95a, IKP97, KP98]. **age-structured** [IKP97, KP98]. **agents** [JL97]. **aggregation** [AB95b]. **aging** [PLPW96]. **agriculture** [SAF⁺97]. **albedo** [KUO95]. **algebra** [Ada98, Bay98b, Bay98a, BY99, GSI96, TG97]. **algebraic** [Eis98, JN95, Lam99, LP97, MBS98]. **algorithm** [Abu99b, Die96, EMEH96, GS99, GMGCL99, HT98, JL97, Jin95, KKL99, Mor95, PS96, RG98, SS98a, SSY99, WZZ98, XZW96, XZL98, ZZ98, xZ98, ZL98c, dSYS97, ONOT98]. **algorithms** [CLC97, JBV98, JCC98, Lia97, MZV96, MFGW97, Per96, SR97, XZL97]. **allied** [CRS99]. **allocation** [BDS96]. **almost** [Kin97, OM99]. **alternate** [UK95]. **alternating** [SL96, Szi97, KR95a]. **alternative** [Ham98a, MSZ96]. **alternatives** [MS99, YB99]. **Ambiguities** [Kin97]. **American** [Váz98]. **among** [ITN97]. **amphiphilic** [Kub97]. **amplitude** [KSZ⁺95]. **Analysis** [DML98, FH95, GL99,

JC97a, RAL97, Sci97, Tuc96, WK95, ZA96, ABT98, AAES99, ALZ99, AFM97, BDS96, Gra97, JFW96, Kwa96, LS95, MZ98, MD98, Moh99b, Mor98, PZZy99, Ram99a, TH96, TJ95, Van97, VR99f, VR99a, VR99e, Won98, YL98a, Zha98b]. **Analytic** [ZL98a, ARM97, CSY98, DS99]. **Analytical** [Waz99a, SA96, SK95, TJ95]. **Analyzing** [Jac95, Bay97, PN97b]. **anisotropy** [SR97]. **AOR** [Bai99a, YJ99]. **Appearance** [TyG99, Waz97a]. **Appl** [Mus98]. **Application** [Bay98b, Bay98a, CH96, KA96a, Lia98, SKG97, AW99a, AK96, KKH95, Khu98b, Lin96, MNK99, MZV96, RRB95, SZ97, UR97, Waz95b, WW99a, WW99b, Yil96, ZL98b, AM98, HS99]. **applications** [ABT98, Arg96a, Arg99a, Arg99b, Arg99d, CS97, CSY98, Chu97, LF99, MA95, Par95, Yür99, Zha98a, dRS98]. **Applied** [Cab95, Bel95, DK96, DGU96, Udw95]. **approach** [Ano97i, Arg96a, Arg99d, BS98, Cha95a, CBYK99, EGH98, FHG96b, Ham97, Ham98a, JS98b, Khu98b, Lei95, Mus97a, Mus98, SEG96, SST95, SK98a, Tag99, Uen95, Váz98, Waz95b]. **approaches** [MSZ96, SK98b]. **approximants** [Waz99a, Waz99c]. **Approximate** [YST97, AD98, JPF95, Waz95a, XZL98, xZ98]. **Approximating** [MZ98, SUJ98]. **approximation** [BPZ96, Beh96b, CyGK99, DEV95, GL99, IKP97, JMS98, MS97, MvL98, MS95b, Pap96, Pav95, SK95, VD97, WR96, ZW95a]. **approximations** [AM98, Hal98, HH99, Let97, Li98, NR99b, Waz99a, ZB97]. **aquaculture** [PN97b]. **arbitrary** [ESR99]. **architectures** [KKPL96]. **arcs** [Mit99]. **area** [KUO95]. **argument** [AY98, Ino99, ZB97]. **arguments** [LG99, LF99, Pei99, WA98]. **arising** [ALZ99, DH99a, KW96, KW97, Khu98c, NR99a, RR98, Sas95b, Waz97b]. **Arithmetic** [GR97, Jay96]. **arrival**

- [Mil95, MS95b]. **arrivals** [Mil95]. **Artificial** [MZ98, PZZy99, JS98b, YL98b, ZSL98, ZPY99, Sug98]. **ary** [GBS99]. **Aspects** [KH96]. **assay** [MMMK96]. **assessment** [AS99]. **assignment** [Mou96]. **associated** [CSZ98, DS99, GS97, MS95a, MR99, PN97a, WLTS99]. **associative** [GKT96].
- Asymptotic** [FW98, GL95, Kar98, Kol95, Ram99a, WA98, Kim96, Kur99, NR99b, Sas95a, VR99f, VR99e, VR99f, VR99a, VR99e]. **asymptotically** [WA96]. **Asynchronous** [Bai98, Bai99a]. **atmospheric** [ÖGDB98]. **atoms** [RR98]. **attainability** [HK96]. **attended** [Mou96]. **attenuation** [LR95]. **attracting** [Sol99b]. **attraction** [Kur99]. **attractivity** [ZAES96]. **attractors** [DVD95]. **attribute** [MS99]. **Author** [Ano98d, Ano98e, Ano98f, Ano98a, Ano98b, Ano98c, Ano99c, Ano99a, Ano99d, Ano99b]. **autocorrelation** [BR99b]. **automata** [Ada99]. **automaton** [Ada97]. **autonomous** [HAST98]. **autoregressive** [AAAN98, LSKH96]. **average** [MF99]. **averaged** [Boy95]. **axisymmetric** [Khu98a, ZL98a].
- backtracking** [Ye99]. **balance** [YH97]. **balls** [WW99a]. **Banach** [Arg96a, Arg96b, Arg99d, Arg99e, Guo99, Ibr96]. **Bargaining** [Szi98, SL96, SS98b]. **baroclinic** [Dua99a]. **barrier** [AS99]. **base** [RRB95]. **base-isolated** [RRB95]. **based** [AG99, Cic99, Cro95, JS98b, Kha96, LR95, MFGW97, RGL97a, TSK98, VR99b, VR99c, VR99d, XS95, ZSL98]. **bases** [ZL98b]. **Basic** [CY99]. **basin** [BDS96, Nar99b]. **basis** [FS98, HH99, KR95b, Li98, PJ95]. **Bayes** [ADS96]. **Bayesian** [AB95b, Won98]. **beam** [HZ96]. **behavior** [Har97, Kar98, PGHX99, TPL95]. **behaviors** [IFU98]. **behaviour** [WA98]. **beliefs** [Ada98]. **Bell** [ESR99]. **Bellman** [EORA99]. **bending** [KWS95, XL98].
- Bernstein** [CS96, Jia99]. **Bessel** [ZB97]. **bet** [Fin95]. **between** [Bur96, Cha95b, GSI96, JY97, Van97, Waz98a, Yam95, ZK98]. **Bi** [MPD97]. **Bi-objective** [MPD97].
- Bifurcation** [Gra97, DVD95, GLL98, Le98, LLL97, Lui99]. **Bifurcations** [FM96, Tak98]. **bilayer** [Kub97]. **binary** [Ada98]. **binding** [Bay98a]. **binomial** [AAAN98]. **bioactive** [RBPk96]. **biomolecular** [ZS98]. **Biophoton** [BKS98]. **Biorthogonality** [Khu98a]. **biped** [IOAB95]. **biphasic** [HLXZ97]. **black** [Zha96b]. **Block** [BT97, Bai97, Bai99b, Die96, Jin95]. **block-triangular** [Die96]. **blocks** [Ada99]. **Blow** [CZ99]. **Blow-up** [CZ99]. **blurred** [FG95]. **Board** [Ano95a, Ano95b, Ano95c, Ano95d, Ano95e, Ano95f, Ano95g, Ano96a, Ano96b, Ano96c, Ano96d, Ano96e, Ano96f, Ano96g, Ano97a, Ano97b, Ano97c, Ano97d, Ano97e, Ano97f, Ano97g, Ano97h, Ano98g, Ano98h, Ano98i, Ano98j, Ano98k, Ano98l, Ano98m, Ano98n]. **body** [AA99b, Tuc95]. **Boltzmann** [MBS97]. **Boolean** [GSI96]. **Booster** [NR99a]. **Bootstrapping** [GSI96]. **bordered** [Bai97, Bai99b]. **bound** [Wei99a]. **boundaries** [Nar99b]. **Boundary** [BT97, Guo99, KA95, Pei96, AW99b, AD98, AG99, AC97, AY98, BKM95, BDJR98, Cab94, Cab95, CZ99, Cha96a, CW97, GG96, Gol96, Gup98, Had95, HG99, Jia97, KR95a, KBS96, Mit97, MR99, NR98, Pei95, QA98, RGL98, Ram98d, SZ97, Sev99b, VD97, Van95, VS96, VR99f, Wan99a, Wan99b, Waz97b, Waz99b, WCG97, WA99, YK97a, HH96b, HH97]. **boundary-layer** [Had95, Waz97b]. **boundary-value** [VR99f]. **Bounded** [JC97b, Che96b, JPF95, Sor99]. **boundedness** [FL99]. **bounds** [CLC97, Eis98, QA98]. **Boussinesq** [DH99a]. **box** [FpDS99]. **box-counting** [FpDS99]. **brain** [Kje99]. **break** [Szi98]. **break-down** [Szi98]. **breakthrough** [Mus97b]. **brittle**

[LK95]. **Brouwer** [YL96]. **buoyancy** [SK96, ZW95a, ZW95b]. **Burgers** [DVD95, HM98]. **Burridge** [Ado96a].

CA [BR99a]. **cable** [BD95]. **calculating** [EMEH96]. **calculation** [YBR97, Zen99]. **calculus** [AK96, CS97, CSY98, dRS98]. **California** [Fin95]. **Camassa** [Boy97b]. **cancer** [DGU96]. **Capacity** [MZ98]. **capturing** [Dav98]. **carbon** [RBPK96]. **Carlo** [QC98]. **Cartesian** [CS99]. **case** [Rin98, SS98b]. **cases** [MS95a]. **Cauchy** [Beh96b, TETH98]. **caused** [zHhT99]. **cavity** [AAAaZ99b, SK96]. **Cayley** [MSZ96]. **CDC** [XZL97]. **cell** [KKL99, MMMK96, XZW96, XZL97]. **cellular** [Ada97, Ada99, GMS96]. **Center** [SST95, Lia98]. **centered** [KKL99]. **centers** [PK98]. **cerebrospinal** [STD98]. **certain** [KR95b, MS95a, PGHX99, Wol98, WLTS99]. **chain** [JA99]. **Chandrasekhar** [DK96, Sug95, SO95]. **change** [Gho96, MBG95, WC99]. **channels** [HF95, HFR98, Ram98d]. **chaos** [LG99, WL97]. **Chaotic** [Son96, GKT96, MMC98]. **Characteristic** [Gu99, KP98]. **characteristics** [MW98, QC98, SAL96]. **Characterization** [Szi99]. **Chebyshev** [BPE99, DVD95, nHyG97, HS98, yHyG99, ZB97]. **chemical** [Lar97, NR99a, Sel95]. **chemostat** [BR98]. **choice** [EFS95]. **Cholesky** [Zha98d]. **chromatic** [Kor97]. **circuits** [MNK99]. **circulant** [Jin97, JS98a, RG98]. **Circular** [Car97, AA95, SL99]. **circulation** [ÖGDB98]. **claims** [BS98]. **class** [AG99, AK96, AB95b, BS97, Bai99a, Bai99b, Che95, CSY98, Eis98, Gar98, Ham98a, KBS96, KR95b, LLX96, RC99, Rya96, Sas95a, Wan99a, Wan99b, Wol98, WLTS99, YL96, Zha98c]. **Classes** [DS99, HHT98]. **classical** [CC99a, Sai99]. **classification** [ÖGDB98]. **Classifier** [IFU98]. **climate** [MBG95]. **Closed** [NFJ94, Lin96]. **clusters**

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Sol98, Sun98, SP95, SL96, Szi97, Tuc95, Van95, VR99f, VR99a, VR99b, VR99c, VR99d, VR99e, WSL99, Waz95a, Waz95b, Waz98a, Waz99c, Waz99d, XYY96, XL98, Yan98, YL98a, Ye98a, Yil96, YBR97]. **method** [YL96, YJ99, Zha96a, Zha97a, Zha98d, ZYB96, ZL98b, ZYW97, GR97]. **Methods** [BT97, PK98, ABT98, AC97, Arg96a, Arg96b, Arg97b, Arg97a, Arg98, Arg99a, Arg99c, Arg99d, Arg99e, BS97, Bai97, Bai98, Bai99a, Bai99b, BPE99, Bla96, BT98, CL99, Che96a, Che97, Dav98, EGH97, EGH98, GG96, GGS97, GB98, GP97, Gu99, Han98, HZ98, Hua99, IKP97, KKPL96, KBS96, KP98, KSZ⁺95, KBÖ99, LL95, LC97, Lu98, LB96, Ona97, PF99, Pei95, QC98, Ram97a, Ram97b, RGL97b, RGL98, Ram98a, Ram98b, Ram99d, Ram99c, Sim97, Sim99a, Son96, Sta99, SIA96, SBH96, TPGV97, TS98, TJ95, Wan98, WK96b, Wol96, XL99, Ye98b, YK97a, Zha98c]. **microbial** [ZK98]. **midpoint** [VR99e]. **migration** [TETH98, TET99]. **mild** [Arg99b]. **Minesweeper** [Ada97]. **Minimal** [Zha97a, Ada99, Gao98, Sim99b, Zha98b, Zha99a]. **Minimax** [Pap95, Let97, ZYW97]. **minimize** [PMMA97]. **minmax** [SW96]. **Mises** [FH95]. **mismatched** [Che95, RL96]. **mistune** [WK95]. **mistuned** [WK95]. **Mixed** [Had95, CL98b, Gra95, KTZK96, Lee98, Pei96]. **mixture** [HLXZ97]. **mobile** [SWL98]. **mode** [Jan95]. **Model** [ŠKB95, Ado96a, AKK99, Alw97, ADS96, BR99b, CK95, CT96, EM98, GQS98, GMS96, HLXZ97, HY99b, HM99, Hos99, HY99a, HD96, KD95a, KD95b, Kim96, LG97, LG99, MAS95, MW98, MBS97, OA97, PN97b, PZZy99, PJ95, Rol98, SSW99, SAF⁺97, TPGV97, TH96, TyG99, TJ95, Váz98, Waz99a, WZ98, ZA96, ZPY99]. **Modeling** [HY98, Hos99, RBPK96, BDJR98, LSKH96, LS98a, ÖGDB98, UR97, Unb96]. **modelling** [Moh99a]. **models** [Ami97, Ami99, AH99a, AB95b, BBB97, Gra97, HF95, HY99c, IKP97, KB98, KP98, KA96b, Mil95, Moh99c, Raj97, STD98, WK98]. **modes** [WK95]. **modification** [Waz99d]. **Modified** [MMM96, Sim97, KBÖ99, LL95, MW98, VR99f, VR99a, VR99b, VR99c, VR99d, VR99e, WSL99, Waz99c, ONOT98]. **modulated** [Reg96]. **moment** [FT97, FT98, Tag98, Tag99]. **monomial** [MBS98]. **monotone** [Cab94, Cab95, CG96, Fio95, WA96]. **Monte** [QC98]. **most** [Cro95]. **motion** [Dua99b, EM98, KUX95, ST96, UK95]. **motivated** [TETH98]. **mountainous** [KUO95]. **moving** [BDJR98, SUJ98, dBL95]. **moving-boundary** [BDJR98]. **MSS** [KUO95]. **multi** [Gup98, JL97, ÖGDB98, Zha97a, Zha98c]. **multi-agents** [JL97]. **multi-level** [Zha97a, Zha98c]. **multi-objective** [ÖGDB98]. **multi-point** [Gup98]. **Multiblock** [SR97]. **multibody** [SK98a]. **Multicriteria** [Van97, PMMA97]. **Multicriterion** [RPT97, BDS96]. **multidimensional** [Ram98a, Ram99b, XZL98, Ram97b]. **Multigrid** [KKL99, YO98, KL99a, Kwa96, SR97, XL98, XL99, ZS98, Zha96b, Zha97b, Zha98a, Zha98b, Zha99a]. **multilayered** [KD95a, KD95b]. **multilevel** [XL98]. **multiobjective** [EFS95]. **Multiple** [AFM97, Lui99, YH97, AS99, JFW96, LM95, MS99, Wol98, Yeh97]. **Multiplication** [CS96]. **Multiplication-free** [CS96]. **Multiprecision** [Jay96]. **multiprocessors** [MBCvdV95]. **Multiquadric** [HLXZ97, SKG97, ZL98b]. **Multirational** [Pap96]. **multisplitting** [Bai98, Bai99a, CL99]. **multistep** [SBH96]. **Multivalued** [ESI95]. **multivariate** [BB96]. **mutual** [Par95]. **N** [Jia99, Ham97]. **n-phase** [Ham97]. **Nash** [Szi99]. **Natural** [Ham97, Ada99, IL95].

Navier [Cha96b, GP97, Ham98a, nHyG97, yHyG99, LL95, LY98, Ye99]. **navigation** [Tuc96]. **near** [Let97]. **near-minimax** [Let97]. **Necessary** [Waz97a]. **negotiable** [YB99]. **negotiation** [LSY98, YB99]. **netlet** [GLL98]. **network** [LSKH96, SY98]. **networks** [HAST98, Li98, Mou95, PZZy99, PJ95, WZ95, YST97, YL98b, ZPY99, MZ98]. **Neural** [MZ98, GLL98, Li98, PZZy99, SY98, WZ95, YST97, YL98b, ZPY99]. **neurons** [ESL98]. **neutral** [Gra95, HHT98, HH96a, HH97, Yan97]. **Newton** [Arg96a, Arg96b, Arg97a, Arg98, Arg99a, Arg99b, Arg99d, Arg99e, GP97, HW98, Hua99, Sun98, SL99, SSY99]. **Newton-like** [Arg96a, Arg96b, Arg97a, Arg99a, Arg99d, Arg99e, Hua99]. **Newtonian** [Had95]. **Nicolson** [HM99]. **nine** [Mur96, YO98]. **nine-point** [YO98]. **noise** [KKH95, SEG96, Waz97a, WL97]. **Non** [Ado97b, AH99a, MMT99, SA96, VC98, AAAaZ99a, AAA99, AW99a, AD98, DPTT98, EB99, ENAAA95, GSI96, Had95, MR99, Sai99, SSY99, Szi99]. **non-Boolean** [GSI96]. **non-classical** [Sai99]. **Non-Gaussian** [MMT99]. **non-homogeneous** [AAAaZ99a, AAA99, ENAAA95]. **non-linear** [DPTT98, MR99, Sai99]. **non-linearities** [EB99]. **non-Newtonian** [Had95]. **Non-perturbative** [Ado97b, SA96]. **non-positive** [AW99a]. **Non-reactive** [AH99a]. **non-smooth** [SSY99]. **Non-standard** [VC98, AD98]. **non-symmetric** [Szi99]. **nonautonomous** [AdO98]. **noncollocated** [Kum95]. **noncollocated** [LFS95]. **Nonconforming** [LY98, CL98b, KL99a, XL99, YK97b]. **Nonconstructible** [Ada99]. **nonconvex** [YL96]. **nonhomogeneous** [Kol95, NFJ94]. **Nonlinear** [Abu99a, Ado96d, BGY97, MZV96, ONOT98, Ado97a, Bai98, Bai99a, Cab94, Cab95, Che95, CL98a, Chu96, Chu97, Chu98, DH99a, Eis98, FPGV95, Gu99, Gzy97, Hab95, He96, JC97a, Jia97, JBV98, Kar98, KA96b, LS99, Lia98, Lin96, LYF97, LF99, MOP⁺97, Mor98, Pap95, PN97b, Pei99, PGHX99, RAL95, Rya96, SZ97, Sol99a, SS97, TET99, TH95, UR97, Unb96, Wan98, Waz95b, WCG97, WC99, XZW96, ZZ98, Zha99b, ZYB96, xZ98, ZL98b]. **nonlinearities** [Abu97]. **nonlocal** [CZ99, Jia97, VD97]. **nonoscillatory** [She96, TPL95]. **nonsmooth** [dSYS97]. **nonsquare** [LFS95]. **Nonstandard** [RGL97a]. **nonsymmetric** [YK97b]. **norm** [CK99, JMS98]. **norm-relaxed** [CK99]. **normal** [BB96, Kha96, Rol98, WR96]. **not-a-knot** [Beh95]. **note** [Ano97j, Gao98, Gol95, Gol99, Ham98b, Jin97, JS98a, Sri95, Szi97, XL99, Zha96a]. **Notes** [Wan96]. **novel** [Bay97, CSY98]. **NP** [Kor97]. **NP-completeness** [Kor97]. **NR** [KL99b]. **number** [Pav95, Sor97b]. **numbers** [Fin95, Ram99a]. **Numerical** [ARM97, ALZ99, AC97, DF96, Fab96, FPGV95, Gre97, HFR98, JFW96, McG98, Moh99b, MBS97, Ohm98, SK96, SK98b, TPS98, ZW95a, ZMV99, AR98a, Asa97a, CBYK99, DH99a, DEV95, DPTT98, Gol96, Hal98, HSA97, HLXZ97, HM98, HHZ97, IKP97, KSZ⁺95, LC97, LLL97, LM98, Lu98, LS98b, MF99, MRJ95, NR99b, ONOT98, Pav95, RC99, RBPK96, ŞKB95, SKG97, Sim97, Sim99a, Sim99b, SK98a, TS98, TJ95, Váz98, VR99b, VR99c, VR99d]. **nutrient** [JA99]. **Nyström** [PF99]. **O** [ST96]. **objective** [MPD97, ÖGDB98, YH97]. **objectives** [Van97]. **objects** [KK95]. **oblique** [Wei99b]. **observational** [Fri97]. **observations** [BBB97]. **observers** [Cic99]. **obtain** [MOP⁺97]. **obtained** [Abu99b, Mur96]. **Obtaining** [GKT96]. **occupancy** [WW99a, WW99b]. **ocean** [Kaz99]. **octonions** [Car97]. **ODE** [VR99f]. **ODEs** [RGL97a, Sim97, SBH96]. **off**

[MPD97, Van97]. **offer** [SL96, Szi97, Szi98]. **oil** [BR99b, YBR97]. **One** [Lei95, AAAN98, Asa97b, Gho96, JBV98, Waz98b]. **one-dimensional** [Asa97b, JBV98, Waz98b]. **one-parameter** [Gho96]. **Op** [DF96]. **open** [Lin96]. **operated** [KP96]. **operational** [RAL95]. **operator** [BD96, Din98, DZ99, Gol99, He98, Kan97, KL99a, MS97, NLC95, RGL98]. **operator-differential** [BD96]. **operator-splitting** [RGL98]. **operators** [ASK98, Arg97b, Arg99c, CS97, CSY98, Gol95, MA95]. **Optical** [Ado97e, Tuc96]. **Optimal** [AM98, GB98, Mil98, Mou96, ZW95b, BB96, Cha96a, Fab96, GL99, JS96, Lia97, RB95, WSL99, ZW95a]. **optimally** [KM95]. **optimization** [DF96, HZ95, Liu95, MBCvdV95, ONOT98, Sun98, Wol96, dSYS97]. **Optimized** [KKPL96, HY98]. **Optimum** [BBB97, HZ96]. **option** [CY99, Váz98]. **Options** [PMMA97]. **orbit** [BPE99, Gri98]. **orbits** [FG95]. **order** [AW99a, AG99, AAAN98, BKM95, Cab94, Cab95, CN97, Cha96a, CL98b, ES99, GG96, GGS97, Gri98, GL99, Gup98, HG99, JK98, JNF95, JPF95, JNF96, KM95, KVT98, LF99, MR99, NFJ94, NS96, Pei95, Pei96, PGHX99, SJ96, SBH96, TPL95, TS98, VD97, Van95, VS96, WA96, WA98, Yan97, Yan98, YL98a, Ye98a, YK97a, ZS99]. **ordered** [JY97]. **ordering** [KL99b]. **orders** [ESR99]. **ordinary** [GG96, Gup98, NJC99, Ram99c, SJ96, SIA96, XYY96]. **organizing** [JL97]. **orientation** [Zha99b]. **Orr** [MSZ96]. **orthogonal** [KVT98]. **Orthogonality** [CS95]. **orthotropic** [AAAaZ99b, AAAaZ99a, AAA99, AA99c, ENAAA95]. **orthotropy** [AA99a]. **oscillating** [BD96, Sim97]. **Oscillation** [SS97, Wan99a, WA96]. **Oscillations** [Gra95, Yan97, ZAES96, KSZ⁺95, VLP95, WZ95]. **oscillator** [BKS98, Kar98, MOP⁺97]. **oscillators** [MF99]. **Oscillatory** [Pei99, TPL95, Wan99b, PGHX99]. **other** [CRS99]. **output** [ABT98, Moh99b, Whi97]. **Overcoming** [SR97]. **overhead** [SW96]. **overlapping** [MLB99]. **overlying** [AAA99].

P [KL99a]. **packing** [Ano97i, Mus97a, Mus97b, Mus98]. **Padé** [Dav98, Waz99a, Waz99c]. **pairwise** [JK98]. **paper** [Di 98]. **parabolic** [CY98, CC99a, Lu98]. **paradigm** [ESL98]. **Parallel** [Bai97, GMS96, BS97, Bai98, Bai99b, Béc98, CL99, Cro95, Dég96, FH98, GS99, HI97, HZ98, KKPL96, KL99b, Kol95, Kur99, SW96]. **parallel-series** [Kol95]. **parallelizing** [Y CZ98]. **Parameter** [BY99, CyGK99, CG98, HHT98, Gho96, GKT96, KA95, MB95, Mur96, RAL97, SJ96, Sci97]. **parameters** [AAAN98, ADS96, Fab96, JS96, KA96b, PLPW96]. **parametric** [BT98]. **parametrization** [DF96]. **parametrizations** [HK96]. **parasitics** [SP95]. **Pareto** [LSY98]. **part** [HF95, Arg96a, Arg96b, Arg99d, Arg99e]. **partial** [Ado97a, BKM95, Béc98, CH99, FS98, KW96, KW97, LL96, SKG97, TET99, WZZ98, WA98, Zha98c]. **Partially** [DPTT98]. **particular** [Gol96]. **particulate** [AH99a, HFR98]. **Partitioning** [SIA96]. **Pascal** [Beh96a]. **Pascal-like** [Beh96a]. **Passage** [MFGW97]. **Passage-detector-based** [MFGW97]. **pattern** [Gre97]. **Patterns** [WZ95, Ano97i, Mus97a, Mus98, ÖGDB98]. **PDEs** [RGL97a]. **Peakons** [Boy97b]. **penalty** [FHK97]. **pendulum** [KSZ⁺95]. **perceptions** [ITN98a]. **percolation** [BI98]. **Perfect** [AB95b]. **Performance** [AS99, Abu97, Cic99]. **period** [GF96]. **period-to-period** [GF96]. **Periodic** [BKM95, HG99, OM99, YHXX95, AdO98, Dua99b, GF96, KBS96, LG97, LZ96, MOP⁺97, PF99, TS98, VS96, XYY96]. **periodically** [Fio95]. **periodicity** [FW98]. **periods** [WC99]. **permanence** [FW98].

Perron [Din98, DZ99, MS97]. **persistence** [FM96, LL96]. **Perturbation** [Wei99a, Cha96b, JR95, LO99, NR99a, NR99b, RR98, SEG96, VC98, Waz99b, Wei99b]. **Perturbations** [ABT98, PN97a, Sor99]. **perturbative** [Ado97b, SA96]. **perturbed** [Arg96a, Arg99d, KR95a, KM95, LM98, MF99, NR98, Rol98, WL97, Arg96b, Arg99e]. **Petersburg** [DH99b]. **Petrov** [Wan98]. **Petviashvili** [Ado96c, TG97]. **Phase** [Tuc97, HF95, Ham97, Kub97, Sim99b, YBR97]. **phase-lag** [Sim99b]. **photons** [RR98]. **Picard** [LL95]. **Piecewise** [Cha95a, RGL97b, LG99, RGL97a, Ram98c]. **Piecewise-linearized** [RGL97b]. **pinning** [Cos99]. **pipes** [BDJR98]. **placement** [Mil98]. **planar** [EM98, Rya96]. **Planck** [ZMV99]. **plane** [AH99b, PS96, KD95a]. **planning** [Van97]. **plants** [OA97]. **plasma** [AC97]. **plate** [Had95, KWS95, XL98]. **plates** [Le98]. **plays** [Ada97]. **plume** [JFW96]. **point** [Arg97b, Arg99c, Gho96, Gup98, KBS96, Kum95, LYF97, MR99, NR98, Tuc97, VR99f, YO98, YL96, Zha96b, Zha98d, ZYB96]. **point-to-point** [Arg97b, Arg99c]. **points** [Arg99a, NS96, Sor94, Sor96, Sor97a, Wan96, Waz99b]. **Poisson** [CZ99, Zha96b, ZL98c]. **polar** [FH95, KH96]. **policing** [Mil95]. **policy** [Mou96, PN97b]. **pollutants** [AKK99]. **pollution** [GMS96, YCZ98]. **polygonal** [KWS95]. **polyhedral** [Zha97c]. **polynomial** [Dég96, He98, Jia99, KA96a, MZ98, MS99, ZS99]. **polynomials** [CS95, CS96, EMEH96, ESR99, GMGCL99, HI97, HZ98, KVT98]. **population** [GQS98, IKP97, LG99, MW98, TET99, WK98, Waz99a, ZA96, ZAES96]. **populations** [KP98, ZK98]. **poro** [ZL98a]. **poro-mechanical** [ZL98a]. **poroelastic** [Bar95]. **porous** [AH99a, AH99b, FH98, HF95, HS96, HFR98, LZ96, Ram98d, WZ98, YBR97]. **posed** [DH99a]. **position** [KP96]. **positive** [AW99a, LLX96]. **Positivity** [LFS95]. **postbifurcation** [ST96]. **potential** [TJ95]. **potentials** [Kin97]. **Powell** [ONOT98]. **power** [CS97, JS98b, MZV96, SP95]. **Practical** [Zha98a]. **precipitation** [MBG95, ÖGDB98]. **precisely** [Mor95]. **preciseness** [Yil96]. **precision** [Van98]. **Preconditioned** [GP97, Kwa97]. **preconditioners** [Jin97, JS98a, NLC95, XL98, YK97b]. **Preconditioning** [CL98b, LC97]. **predator** [Gra97]. **predator-prey** [Gra97]. **prediction** [Kha96]. **Predictive** [Hab95, KB98]. **preference** [ITN97]. **pressure** [STD98]. **prey** [Gra97]. **price** [CY99, SMY95]. **pricing** [BS98, Váz98]. **principal** [Beh96b]. **principle** [Arg97a, LO99]. **principles** [Mur96]. **Probabilistic** [Uen95]. **probabilities** [JCC98, Szi98]. **probability** [Bur96]. **problem** [Abd99, Asa97b, AY98, BKM95, BPZ96, Cha96a, FT97, FT98, GP97, Gup98, HZL97, He96, HG99, JMS98, Lee98, Lin98, McG98, MB95, OU99, Pei95, Pei96, Sas95b, SJ96, Sci97, Sel95, Sev99a, Sev99b, SM95, SK96, TETH98, Tag98, Tag99, Van95, VS96, Wan99a, Wan99b, Waz95a, Waz95b, Waz99b, WW99a, WW99b, WCG97, XL98, Ye98a, YS98a, YK97a, YS98b, ZYW97]. **problems** [AW99b, ABW99, AD98, AG99, Bai98, Bel95, Cab94, Cab95, CN97, CC99a, CH96, CL98a, Cro95, DF96, Eis98, EFS95, Fab96, Gar98, GL99, Guo99, HHZ97, JR95, Jia97, KR95a, KM95, KTZK96, KBS96, KR95b, LMSS97, LM95, LO99, Lia97, Lin96, LM98, Lu98, Moh99a, MR99, NR98, NR99a, NR99b, NJC99, PZ99, PS96, QA98, Ram97a, Ram97b, RGL97b, ŞKB95, SZ97, SK95, SSY99, TS98, VD97, VC98, VR99f, WA99, YK97b, YL96, ZL98a, Zha98d, Zha99b, ZYB96]. **procedure** [EGH97, EGH98, FBSS96, MMC98, Sel95]. **procedures** [Moh99b, Whi97]. **process** [AAAN98, IKU96, SS98b, TyG99, YBR97].

processes [Hab95, LS95, Rol98]. **processing** [LSKH96, SW96]. **producer** [SMY95]. **producer-consumer** [SMY95]. **product** [CS99, Sas95b]. **production** [Rol98]. **products** [CMM96]. **profile** [QC98]. **profitable** [PMMA97]. **programming** [BGY97, EFS95, Han98, LMSS97, LYF97, MPD97, Pap96, PN97b, PS96, PK98, ZYB96, xZ98]. **Projection** [Han98, CL98b, Cro95, GB98, PS96, Wei99b]. **proof** [UK95, Zha97b]. **Propagation** [AAA99, AA99c, AA99a, Ado97e, Ahm99, ENS96]. **proper** [Sor99]. **properties** [Fio95, Sas95a, SZ97, Zha99a]. **proposal** [MNK99]. **prospection** [Sev99b]. **proton** [zHhT99]. **pseudo** [Hai97, SY98]. **pseudo-inverse** [SY98]. **pseudo-inversion** [Hai97]. **pseudospectral** [yHyG99, SK96]. **pseudospectral-finite** [yHyG99]. **Publisher** [Ano97j]. **pulse** [HZL97]. **pulse-spectrum** [HZL97]. **pure** [Lee98].

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unknowns [GP97]. **unsteady**

- [BJTW98, nHyG97, yHyG99, JFW96, Raj97]. **unstirred** [BR98]. **unstructured** [LS98a]. **updating** [AB95b]. **Upper** [BDS96]. **Upstream** [Ram98d]. **uptake** [OA97]. **upwind** [Váz98]. **Urn** [MAS95]. **Use** [HD96, WC99, AFM97, Beh96b, ONOT98]. **used** [BR99b, TJ95]. **useful** [Par95]. **uses** [PMMA97]. **using** [BY99, Cen97, CW97, CLC97, Cic99, DF96, ESL98, FS98, GS95, GMGCL99, GP97, GKT96, HT98, HZ96, JC97a, Jay96, JY97, JL97, KL99b, LS98a, MBCvdV95, Ohm98, Ona97, PF99, Raj97, Sel95, SIA96, WK95, ZPY99]. **utility** [DH99b, MS99]. **utilization** [SS98a].
- V** [VR99e]. **Validated** [NJC99]. **Value** [BT97, AW99b, AG99, AY98, BKM95, Beh96b, CN97, Cha96a, Guo99, Gup98, HG99, Ibr96, Jia97, KR95a, KBS96, MR99, NJC99, Pei95, Pei96, QA98, RGL97b, Sas95b, Sev99b, TS98, VS96, VR99f, Wan99a, Wan99b, WCG97, WA99, YK97a]. **valued** [Ibr96, MvL98]. **values** [Gri98, Waz97c]. **Vandermonde** [GS97]. **variable** [Asa97b, Dég96, FBSS96, SW96, TG97]. **variable-coefficient** [TG97]. **variables** [AP95, Ami97, HI97, WP97]. **variant** [AY98]. **variational** [PZ97, PK98, ZZ98, Zha97c]. **variety** [KBÖ99]. **various** [ESL98, KSZ⁺95]. **Varying** [SBH96, LSY98]. **vector** [XZL97]. **vectors** [LUL97]. **vehicle** [BD95, CO96, KP96, SWL98]. **velocity** [BNN95, Raj97]. **vertex** [Kor97]. **very** [KWS95]. **VI** [VR99f]. **via** [ABT98, BK99, CS96, HZ95, MF99, MW98, Mil98, Mus97b, Pap96, RAL95, RAL97, Sol98, TG97, XYY96]. **Vibration** [MD98, Ado96d, LR95, MB95, RL96]. **vibrations** [Bar95]. **violin** [Mit97, Mit99]. **virtual** [Zha98c]. **viscous** [HF95]. **visualization** [BK99, Kar98]. **VML** [Zha98c]. **Volterra** [AdO98, AR98b, Bla96, LL96, SA96, Sol99a, WK96a, Waz99a]. **Volterra-type** [WK96a]. **Volume** [Ano95o, Ano95i, Ano95k, Ano95m, Ano95j, Ano95l, Ano95n, Ano96o, Ano96i, Ano96k, Ano96m, Ano96j, Ano96l, Ano96n, Ano97u, Ano97l, Ano97m, Ano97p, Ano97r, Ano97n, Ano97o, Ano97q, Ano97s, Ano97t, Ano98o, Ano98p, Ano98d, Ano98e, Ano98f, Ano98a, Ano98b, Ano98c, Ano99c, Ano99a, Ano99b, LM95, LS98a, STD98]. **volumes** [Ano95h, Ano96h, Ano97k, Ano99d]. **Voronoi** [HT98]. **vortex** [Cos99]. **Vries** [RC99]. **vs** [AB95a].
- W** [Chu97]. **water** [BDS96, DH99a, HYL97, Khu98c, OA97, PMMA97, RPT97, YBR97]. **Wave** [ENS96, Abu99a, Boy97b, KD95a, KD95b, Reg96, Waz98b]. **waveform** [Son96, Zha96a]. **wavelet** [XS95, ZL98c]. **waves** [AA99a, AAA99, AA99c, Ahm99, Boy97b, DH99a, Khu98c]. **weak** [Abu97, JK98]. **weakly** [Bai99a, WK96a]. **weight** [GBS99]. **weighted** [CLC97, RBPK96, YL98a]. **weighting** [CL99]. **white** [WL97]. **widely** [HZL97]. **Wiener** [NLC95]. **Wigley** [BJTW98]. **windowing** [Zha96a].
- Zakharov** [Ado97b]. **zero** [Sor96]. **zeros** [Sor97b, Sor99, XZL97, ZS99].

References

Abd-Alla:1995:TST

- [AA95] A. M. Abd-Alla. Thermal stress in a transversely isotropic circular cylinder due to an instantaneous heat source. *Applied Mathematics and Computation*, 68(2-3):113-124, March 15, 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL

- <http://www.sciencedirect.com/science/article/pii/S009630039400085I>.
- [AA96] **Abd-Alla:1996:TRI** A. M. Abd-Alla. Transient response of inhomogeneous transversely isotropic thermoelastic cylinder to a dynamic input. *Applied Mathematics and Computation*, 74(1):1–13, January 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300394002460>.
- [AA99a] **Abd-Alla:1999:EIS** A. M. Abd-Alla. The effect of initial stress and orthotropy on the propagation waves in a hollow cylinder. *Applied Mathematics and Computation*, 106(2–3):237–244, December 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398101261>.
- [AA99b] **Abd-Alla:1999:GTI** A. M. Abd-Alla. On a generalized thermoelastic interaction in an unbounded body due to a line heat source. *Applied Mathematics and Computation*, 100(2–3):285–295, May 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398000320>.
- [AA99c] **Abd-Alla:1999:PRW** A. M. Abd-Alla. Propagation of Rayleigh waves in an elastic half-space of orthotropic material. *Applied Mathematics and Computation*, 99(1):61–69, March 1, 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397101709>.
- [AAA99] **Abd-Alla:1999:PLW** A. M. Abd-Alla and S. M. Ahmed. Propagation of Love waves in a non-homogeneous orthotropic elastic layer under initial stress overlying semi-infinite medium. *Applied Mathematics and Computation*, 106(2–3):265–275, December 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398101285>.
- [AAAaZ99a] **Abd-All:1999:TTSb** A. M. Abd-All, A. N. Abd-alla, and N. A. Zeidan. Transient thermal stresses in a rotation non-homogeneous cylindrically orthotropic composite tubes. *Applied Mathematics and Computation*, 105(2–3):253–269, November/December 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-

- 5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398101042>.
- Abd-All:1999:TTSa**
- [AAAaZ99b] A. M. Abd-All, A. N. Abd-alla, and N. A. Zeidan. Transient thermal stresses in a spherically orthotropic elastic medium with spherical cavity. *Applied Mathematics and Computation*, 105(2-3):231-252, November/December 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398100930>.
- Alwasel:1998:EPB**
- [AAAN98] I. Alwasel, A. Alzaid, and H. Al-Nachawati. Estimating the parameters of the binomial autoregressive process of order one. *Applied Mathematics and Computation*, 95(2-3):193-204, September 15, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397101023>.
- Abdel-Aziz:1999:SAL**
- [AAES99] Mohammedi R. Abdel-Aziz and Salah M. El-Sayed. Sensitivity analysis of the largest dependent eigenvalue functions of eigensystems. *Applied Mathematics and Computation*, 100(2-3):103-110, May 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398000319>.
- Angleton:1995:LSR**
- [AB95a] George M. Angleton and Charles D. Bonham. Least squares regression vs. geometric mean regression for ecotoxicology studies. *Applied Mathematics and Computation*, 72(1):21-32, September 15, 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039400161V>.
- Azaiez:1995:PAC**
- [AB95b] M. Naceur Azaiez and Vicki M. Bier. Perfect aggregation for a class of general reliability models with Bayesian updating. *Applied Mathematics and Computation*, 73(2-3):281-302, December 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395000682>.
- Abdou:1999:IEC**
- [Abd99] M. A. Abdou. Integral equation and contact problem for a system of impressing stamps. *Applied Mathematics and Computation*, 106(2-3):141-148, December 1999.

1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039810108X>.
- Abaffy:1998:PMA**
- [ABT98] Jozsef Abaffy, Marida Bertocchi, and Anna Torriero. Perturbations of M -matrices via ABS methods and their applications to input-output analysis. *Applied Mathematics and Computation*, 94(2-3):145-170, August 15, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397100856>.
- Abuelmaatti:1997:HIP**
- [Abu97] Muhammad Taher Abuelma'atti. Harmonic and intermodulation performance of some abrupt and weak nonlinearities. *Applied Mathematics and Computation*, 83(1):87-96, April 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396000495>.
- Abuelmaatti:1999:NDF**
- [Abu99a] Muhammad Taher Abuelma'atti. Nonlinear distortion of an FM signal by half-wave linear rectification. *Applied Mathematics and Computation*, 99(1):47-59, March 1,
1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397101795>.
- Abuelmaatti:1999:SAC**
- [Abu99b] Muhammad Taher Abuelma'atti. A simple algorithm for computing the Fourier spectrum of experimentally obtained signals. *Applied Mathematics and Computation*, 98(2-3):229-239, February 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397101606>.
- Agarwal:1999:SLE**
- [ABW99] Ravi P. Agarwal, Martin Bohner, and Patricia J. Y. Wong. Sturm-Liouville eigenvalue problems on time scales. *Applied Mathematics and Computation*, 99(2-3):153-166, March 15, 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398000046>.
- Anghel:1997:NMM**
- [AC97] V. N. P. Anghel and W.-H. Choe. Numerical methods for magnetized plasma equations with boundary singularity. *Applied Mathematics and Computation*, 85(2-3):149-164, September 1, 1997. CODEN AMHCBQ.

ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396001324>.

Agouzal:1998:EMA

[AD98]

A. Agouzal and N. Debit. Equilibrium method to approximate elliptic problems with non-standard boundary conditions. *Applied Mathematics and Computation*, 95(2-3):165–171, September 15, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397100789>.

Adamatzky:1997:HCA

[Ada97]

Andrew Adamatzky. How cellular automaton plays Minesweeper. *Applied Mathematics and Computation*, 85(2-3):127–137, September 1, 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396001178>.

Adamatzky:1998:MSA

[Ada98]

Andrew Adamatzky. Master-slave algebra: On the binary compositions of distributed beliefs. *Applied Mathematics and Computation*, 95(2-3):173–180, September 15, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL

<http://www.sciencedirect.com/science/article/pii/S0096300397100996>.

Adamatzky:1999:NBC

Andrew Adamatzky. Nonconstructible blocks in 1D cellular automata: minimal generators and natural systems. *Applied Mathematics and Computation*, 99(1):77–91, March 1, 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397101771>.

Adomian:1996:BKM

G. Adomian. The Burridge–Knopoff model. *Applied Mathematics and Computation*, 77(2-3):131–132, July 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395001956>.

Adomian:1996:CME

G. Adomian. Coupled Maxwell equations for electromagnetic scattering. *Applied Mathematics and Computation*, 77(2-3):133–135, July 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395001964>.

[Ada99]

[Ado96a]

[Ado96b]

Adomian:1996:KPE

- [Ado96c] G. Adomian. The Kadomtsev–Petviashvili equation. *Applied Mathematics and Computation*, 76(1):95–97, April 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395001867>.

Adomian:1996:NRV

- [Ado96d] G. Adomian. Nonlinear random vibration. *Applied Mathematics and Computation*, 77(2–3):109–112, July 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395001921>.

Adomian:1997:ESN

- [Ado97a] G. Adomian. Explicit solutions of nonlinear partial differential equations. *Applied Mathematics and Computation*, 88(2–3):117–126, December 30, 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396001415>.

Adomian:1997:NPS

- [Ado97b] G. Adomian. Non-perturbative solution of the Klein–Gordon–Zakharov equation. *Applied Mathematics and Computation*, 81(1):89–92, January

1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395003118>.

Adomian:1997:KTE

- [Ado97c] G. Adomian. On KdV type equations. *Applied Mathematics and Computation*, 88(2–3):131–135, December 30, 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396002834>.

Adomian:1997:DRD

- [Ado97d] G. Adomian. On the dynamics of a reaction-diffusion system. *Applied Mathematics and Computation*, 81(1):93–95, January 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395003126>.

Adomian:1997:OPR

- [Ado97e] G. Adomian. Optical propagation in random media. *Applied Mathematics and Computation*, 88(2–3):127–129, December 30, 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396002822>.

Ahmad:1998:ENP

- [AdO98] Shair Ahmad and Francisco Montesde Oca. Extinction in nonautonomous T -periodic competitive Lotka–Volterra system. *Applied Mathematics and Computation*, 90(2–3):155–166, March 15, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397003962>.

Ananda:1996:ABE

- [ADS96] Malwane M. Ananda, Rohan J. Dalpatadu, and Ashok K. Singh. Adaptive Bayes estimators for parameters of the Gompertz survival model. *Applied Mathematics and Computation*, 75(2–3):167–177, March 15, 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396900594>.

Antoine:1997:MCL

- [AFM97] Jacques Antoine, Günther Fischer, and Marek Makowski. Multiple criteria land use analysis. *Applied Mathematics and Computation*, 83(2–3):195–215, May 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396001907>.

Al-Gahtani:1999:IBS

- H. J. Al-Gahtani. Integral-based solution for a class of second order boundary value problems. *Applied Mathematics and Computation*, 98(1):43–48, January 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397101503>.

Awartani:1999:NRG

- [AH99a] Marwan Awartani and M. H. Hamdan. Non-reactive gas-particulate models of flow through porous media. *Applied Mathematics and Computation*, 100(1):93–102, April 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398000137>.

Awartani:1999:SAG

- [AH99b] Marwan Awartani and M. H. Hamdan. Some admissible geometries in the study of steady plane flow of a dusty fluid through porous media. *Applied Mathematics and Computation*, 100(1):85–92, April 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398000125>.

Ahmed:1999:IGP

- [Ahm99] S. M. Ahmed. Influence of gravity on the propagation of waves in granular medium. *Applied Mathematics and Computation*, 101(2–3):269–280, June 15, 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398100061>.

Ali:1996:AFC

- [AK96] Ismail Ali and Shyam Kalla. An application of fractional calculus to the solution of a general class of differintegral equations. *Applied Mathematics and Computation*, 77(2–3):137–152, July 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395001972>.

Ali:1999:TDM

- [AKK99] I. Ali, S. L. Kalla, and H. G. Khajah. A time dependent model for the transport of heavy pollutants from ground-level aerial sources. *Applied Mathematics and Computation*, 105(1):91–99, October 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398100917>.

Alwash:1997:LCD

- [Alw97] M. A. M. Alwash. Limit cycles in a disease transmission model. *Applied Mathematics and Computation*, 86(1):85–92, September 15, 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396001749>.

Allegretto:1999:NAS

- [ALZ99] W. Allegretto, Y. Lin, and A. Zhou. Numerical analysis for systems with memory arising from semiconductor simulations. *Applied Mathematics and Computation*, 105(2–3):101–119, November/December 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398100814>.

Agwu:1998:OCD

- [AM98] Nwojo N. Agwu and Clyde F. Martin. Optimal control of dynamic systems: Application to spline approximations. *Applied Mathematics and Computation*, 97(2–3):99–138, December 15, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397101011>.

- [Ami97] **Aminzadeh:1997:ERE**
M. S. Aminzadeh. Estimation of reliability for exponential stress-strength models with explanatory variables. *Applied Mathematics and Computation*, 84(2-3):269-274, July 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396000902>.
- [Ami99] **Aminzadeh:1999:ECS**
Mostafa S. Aminzadeh. Estimation of $P(Z < Y)$ for correlated stochastic time series models. *Applied Mathematics and Computation*, 104(2-3):179-189, September 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398100723>.
- [Ano95a] **Anonymous:1995:EBa**
Anonymous. Editorial Board. *Applied Mathematics and Computation*, 67(1-3):ii-iii, January/February 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395900055>.
- [Ano95b] **Anonymous:1995:EBb**
Anonymous. Editorial Board. *Applied Mathematics and Computation*, 68(1):ii-iii, March 1,
- [Ano95c] **Anonymous:1995:EBc**
Anonymous. Editorial Board. *Applied Mathematics and Computation*, 69(1):ii-iii, April 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395900098>.
- [Ano95d] **Anonymous:1995:EBd**
Anonymous. Editorial Board. *Applied Mathematics and Computation*, 70(1):ii-iii, June 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395900438>.
- [Ano95e] **Anonymous:1995:EBe**
Anonymous. Editorial Board. *Applied Mathematics and Computation*, 71(1):ii-iii, August 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395900535>.
- [Ano95f] **Anonymous:1995:EBf**
Anonymous. Editorial Board. *Applied Mathematics and Computation*, 72(1):ii-iii, September

15, 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395900136>.

Anonymous:1995:EBg

- [Ano95g] Anonymous. Editorial Board. *Applied Mathematics and Computation*, 73(1):??, November 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395900217>.

Anonymous:1995:SIV

- [Ano95h] Anonymous. Subject index to volumes 67–73, 1995. *Applied Mathematics and Computation*, 73(2–3):303–309, December 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395900454>.

Anonymous:1995:Va

- [Ano95i] Anonymous. Volume 68. *Applied Mathematics and Computation*, 68(2–3):??, March 15, 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395900551>.

Anonymous:1995:Vd

- [Ano95j] Anonymous. Volume 69. *Applied Mathematics and Com-*

putation, 69(2–3):i–ii, May 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395900519>.

Anonymous:1995:Vb

[Ano95k] Anonymous. Volume 70. *Applied Mathematics and Computation*, 70(2–3):i–ii, July 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395900373>.

Anonymous:1995:Ve

[Ano95l] Anonymous. Volume 71. *Applied Mathematics and Computation*, 71(2–3):??, September 1, 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039590011X>.

Anonymous:1995:Vc

[Ano95m] Anonymous. Volume 72. *Applied Mathematics and Computation*, 72(2–3):i–ii, October 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395900039>.

Anonymous:1995:Vf

[Ano95n] Anonymous. Volume 73. *Applied Mathematics and Com-*

- putation, 73(2–3):i–ii, December 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395900470>. [Ano96c]
- Anonymous:1995:VCX**
- [Ano95o] Anonymous. Volume Contents. *Applied Mathematics and Computation*, 67(1–3):??, January/February 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395900071>. [Ano96d]
- Anonymous:1996:EBa**
- [Ano96a] Anonymous. Editorial Board. *Applied Mathematics and Computation*, 74(1):ii–iii, January 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396900478>. [Ano96e]
- Anonymous:1996:EBb**
- [Ano96b] Anonymous. Editorial Board. *Applied Mathematics and Computation*, 75(1):??, March 1, 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396900375>. [Ano96f]
- Anonymous:1996:EBc**
- Anonymous. Editorial Board. *Applied Mathematics and Computation*, 76(1):ii–iii, April 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300316900018>.
- Anonymous:1996:EBd**
- Anonymous. Editorial Board. *Applied Mathematics and Computation*, 77(1):ii–iii, June 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396900296>.
- Anonymous:1996:EBe**
- Anonymous. Editorial Board. *Applied Mathematics and Computation*, 78(1):ii–iii, August 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396900399>.
- Anonymous:1996:EBf**
- Anonymous. Editorial Board. *Applied Mathematics and Computation*, 79(1):ii–iii, September 15, 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396900430>.

- [Ano96g] **Anonymous:1996:EBg** Anonymous. Editorial Board. *Applied Mathematics and Computation*, 80(1):ii–iii, November 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396900417>.
- [Ano96h] **Anonymous:1996:SIV** Anonymous. Subject index to volumes 74–80, 1996. *Applied Mathematics and Computation*, 80(2–3):301–306, December 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396900193>.
- [Ano96i] **Anonymous:1996:Vb** Anonymous. Volume 74. *Applied Mathematics and Computation*, 74(2–3):??, February 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039690003X>.
- [Ano96j] **Anonymous:1996:Ve** Anonymous. Volume 75. *Applied Mathematics and Computation*, 75(2–3):i–ii, March 15, 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396900053>.
- [Ano96k] **Anonymous:1996:Vc** Anonymous. Volume 76. *Applied Mathematics and Computation*, 76(2–3):i–ii, May 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396900454>.
- [Ano96l] **Anonymous:1996:Vf** Anonymous. Volume 77. *Applied Mathematics and Computation*, 77(2–3):??, July 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396900119>.
- [Ano96m] **Anonymous:1996:Vd** Anonymous. Volume 78. *Applied Mathematics and Computation*, 78(2–3):??, September 1, 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396900090>.
- [Ano96n] **Anonymous:1996:Vg** Anonymous. Volume 79. *Applied Mathematics and Computation*, 79(2–3):i–ii, October 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL

<http://www.sciencedirect.com/science/article/pii/S0096300396900351>.

Anonymous:1996:Va

- [Ano96o] Anonymous. Volume 80. *Applied Mathematics and Computation*, 80(2–3):i–ii, December 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396900211>.

Anonymous:1997:EBa

- [Ano97a] Anonymous. Editorial Board. *Applied Mathematics and Computation*, 81(1):ii–iii, January 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397900230>.

Anonymous:1997:EBb

- [Ano97b] Anonymous. Editorial Board. *Applied Mathematics and Computation*, 82(1):ii–iii, March 1, 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397900795>.

Anonymous:1997:EBc

- [Ano97c] Anonymous. Editorial Board. *Applied Mathematics and Computation*, 83(1):ii–iii, April 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL

<http://www.sciencedirect.com/science/article/pii/S0096300397900333>.

Anonymous:1997:EBd

- [Ano97d] Anonymous. Editorial Board. *Applied Mathematics and Computation*, 84(1):??, June 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397900151>.

Anonymous:1997:EBe

- [Ano97e] Anonymous. Editorial Board. *Applied Mathematics and Computation*, 85(1):ii–iii, August 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397900412>.

Anonymous:1997:EBf

- [Ano97f] Anonymous. Editorial Board. *Applied Mathematics and Computation*, 86(1):??, September 15, 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397900291>.

Anonymous:1997:EBg

- [Ano97g] Anonymous. Editorial Board. *Applied Mathematics and Computation*, 87(1):??, November 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL

<http://www.sciencedirect.com/science/article/pii/S0096300397900217>.

[Ano97k]

Anonymous:1997:EBh

[Ano97h]

Anonymous. Editorial Board. *Applied Mathematics and Computation*, 88(1):??, December 15, 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397900758>.

Anonymous:1997:EDF

[Ano97i]

Anonymous. Erratum: “The dimensional family approach in (hyper)sphere packing: a topological study for new patterns, structures, and interdimensional functions”. *Applied Mathematics and Computation*, 88(1):??, December 15, 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397004025>. See [Mus97a, Mus98].

Anonymous:1997:PN

[Ano97j]

Anonymous. Publisher’s note. *Applied Mathematics and Computation*, 88(1):vii, December 15, 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397900771>.

Anonymous:1997:SIV

Anonymous. Subject index to volumes 81–87, 1997. *Applied Mathematics and Computation*, 87(2–3):313–318, December 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397003457>.

Anonymous:1997:Va

[Ano97l]

Anonymous. Volume 81. *Applied Mathematics and Computation*, 81(2–3):i–ii, February 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397900035>.

Anonymous:1997:Vb

[Ano97m]

Anonymous. Volume 82. *Applied Mathematics and Computation*, 82(2–3):i–ii, March 15, 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397900096>.

Anonymous:1997:Ve

[Ano97n]

Anonymous. Volume 82. *Applied Mathematics and Computation*, 82(2–3):i–ii, March 15, 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397900096>.

com/science/article/pii/
0096300397900096.

Anonymous:1997:Vf

- [Ano97o] Anonymous. Volume 83. *Applied Mathematics and Computation*, 83(2-3):??, May 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397900072>.

Anonymous:1997:Vc

- [Ano97p] Anonymous. Volume 84. *Applied Mathematics and Computation*, 84(2-3):??, July 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397900114>.

Anonymous:1997:Vg

- [Ano97q] Anonymous. Volume 85. *Applied Mathematics and Computation*, 85(2-3):i-ii, September 1, 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397900059>.

Anonymous:1997:Vd

- [Ano97r] Anonymous. Volume 86. *Applied Mathematics and Computation*, 86(2-3):??, October 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL

<http://www.sciencedirect.com/science/article/pii/S0096300397817894>.

Anonymous:1997:Vh

- [Ano97s] Anonymous. Volume 87. *Applied Mathematics and Computation*, 88(2-3):i-ii, December 30, 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397900011>.

Anonymous:1997:Vi

- [Ano97t] Anonymous. Volume 88. *Applied Mathematics and Computation*, 88(2-3):i-ii, December 30, 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397892922>.

Anonymous:1997:VCX

- [Ano97u] Anonymous. Volume contents. *Applied Mathematics and Computation*, 87(2-3):??, December 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397817900>.

Anonymous:1998:AIVd

- [Ano98a] Anonymous. Author index to volume 91 (1998). *Applied Mathematics and Computation*, 91(2-3):297-298, May 1998. CODEN AMHCBQ.

ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398100218>.

Anonymous:1998:AIVe

[Ano98b] Anonymous. Author index to volume 92 (1998). *Applied Mathematics and Computation*, 92(2-3):299-300, June 15, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398100322>.

Anonymous:1998:AIVf

[Ano98c] Anonymous. Author index to volume 93 (1998). *Applied Mathematics and Computation*, 93(2-3):299-300, July 15, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398100334>.

Anonymous:1998:AIVa

[Ano98d] Anonymous. Author index to volume 94 (1998). *Applied Mathematics and Computation*, 94(2-3):293-294, August 15, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398100437>.

[Ano98e]

Anonymous:1998:AIVb

Anonymous. Author index to volume 96 (1998). *Applied Mathematics and Computation*, 96(2-3):295-296, November 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398101017>.

Anonymous:1998:AIVc

[Ano98f]

Anonymous. Author index to volume 97 (1998). *Applied Mathematics and Computation*, 97(2-3):297-298, December 15, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398101029>.

Anonymous:1998:EBa

[Ano98g]

Anonymous. Editorial Board. *Applied Mathematics and Computation*, 89(1-3):ii-iii, January/February 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398900054>.

Anonymous:1998:EBb

[Ano98h]

Anonymous. Editorial Board. *Applied Mathematics and Computation*, 90(1):ii-iii, March 1, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL

<http://www.sciencedirect.com/science/article/pii/S0096300398900091>.

Anonymous:1998:EBc

- [Ano98i] Anonymous. Editorial Board. *Applied Mathematics and Computation*, 91(1):??, April 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398900078>. ■

Anonymous:1998:EBd

- [Ano98j] Anonymous. Editorial Board. *Applied Mathematics and Computation*, 92(1):??, June 1, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039890011X>.

Anonymous:1998:EBe

- [Ano98k] Anonymous. Editorial Board. *Applied Mathematics and Computation*, 93(1):??, July 1, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398900133>.

Anonymous:1998:EBf

- [Ano98l] Anonymous. Editorial Board. *Applied Mathematics and Computation*, 95(1):??, September 1, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL

<http://www.sciencedirect.com/science/article/pii/S0096300398900017>.

Anonymous:1998:EBg

- [Ano98m] Anonymous. Editorial Board. *Applied Mathematics and Computation*, 96(1):??, October 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398900170>.

Anonymous:1998:EBh

- [Ano98n] Anonymous. Editorial Board. *Applied Mathematics and Computation*, 97(1):??, December 1, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398900157>.

Anonymous:1998:Va

- [Ano98o] Anonymous. Volume 89. *Applied Mathematics and Computation*, 89(1-3):??, January/February 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398900194>. ■

Anonymous:1998:Vb

- [Ano98p] Anonymous. Volume 90. *Applied Mathematics and Computation*, 90(2-3):??, March 15, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL

<http://www.sciencedirect.com/science/article/pii/S0096300397802019>.

Anonymous:1999:AIVb

- [Ano99a] Anonymous. Author index to volume 100 (1999). *Applied Mathematics and Computation*, 100(2–3):297–298, May 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300399000144>.

Anonymous:1999:AIVd

- [Ano99b] Anonymous. Author index to volume 98 (1999). *Applied Mathematics and Computation*, 98(2–3):301–302, February 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398101479>.

Anonymous:1999:AIVa

- [Ano99c] Anonymous. Author index to volume 99 (1999). *Applied Mathematics and Computation*, 99(2–3):295–296, March 15, 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398101480>.

Anonymous:1999:AIVc

- [Ano99d] Anonymous. Author index to volumes 88–100. *Applied*

Mathematics and Computation, 100(2–3):299–313, May 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300399000156>.

Anonymous:1999:Ca

- [Ano99e] Anonymous. Conference. *Applied Mathematics and Computation*, 105(2–3):??, November/December 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300399001873>.

Anonymous:1999:Cb

- [Ano99f] Anonymous. Conference. *Applied Mathematics and Computation*, 106(2–3):??, December 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300399002210>.

Anonymous:1999:Ib

- [Ano99g] Anonymous. Index. *Applied Mathematics and Computation*, 103(2–3):287, August 15, 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300399000971>.

- [Ano99h] **Anonymous:1999:Ik** Anonymous. Index. *Applied Mathematics and Computation*, 104(2-3):299-300, September 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039900185X>.
- [Ano99i] **Anonymous:1999:Ia** Anonymous. Index. *Applied Mathematics and Computation*, 105(2-3):307-308, November/December 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300399001861>.
- [Ano99j] **Anonymous:1999:Id** Anonymous. Index. *Applied Mathematics and Computation*, 106(2-3):305-306, December 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300399002209>.
- [AP95] **Agarwal:1995:SDI** Ravi P. Agarwal and Peter Y. H. Pang. Sharp discrete inequalities in n independent variables. *Applied Mathematics and Computation*, 72(2-3):97-112, October 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039400130V>.
- [AR98a] **Ahmad:1998:NSG** Falih Ahmad and Mohsen Razzaghi. A numerical solution to the Gel'fand-Levitan-Marchenko equation. *Applied Mathematics and Computation*, 89(1-3):31-39, January/February 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397816463>.
- [AR98b] **Ahmad:1998:SVD** Shair Ahmad and M. Rama Mohana Rao. Stability of Volterra diffusion equations with time delays. *Applied Mathematics and Computation*, 90(2-3):143-154, March 15, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397003950>.
- [Arg96a] **Argyros:1996:RNMa** Ioannis K. Argyros. Results on Newton methods: Part I. A unified approach for constructing perturbed Newton-like methods in Banach space and their applications. *Applied Mathematics and Computation*, 74(2-3):119-141, February 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL

- <http://www.sciencedirect.com/science/article/pii/S0096300395000909>.
- [Arg96b] Ioannis K. Argyros. Results on Newton methods: Part II. Perturbed Newton-like methods in generalized Banach spaces. *Applied Mathematics and Computation*, 74(2–3):143–159, February 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395001182>.
- [Arg97a] Ioannis K. Argyros. A mesh independence principle for inexact Newton-like methods and their discretizations under generalized Lipschitz conditions. *Applied Mathematics and Computation*, 87(1):15–48, November 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396002196>.
- [Arg97b] Ioannis K. Argyros. On the convergence of two-step methods generated by point-to-point operators. *Applied Mathematics and Computation*, 82(1):85–96, March 1, 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396000252>.
- [Arg98] Ioannis K. Argyros. Sufficient conditions for constructing methods faster than Newton's. *Applied Mathematics and Computation*, 93(2–3):169–181, July 15, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397101072>.
- [Arg99a] Ioannis K. Argyros. Convergence rates for inexact Newton-like methods at singular points and applications. *Applied Mathematics and Computation*, 102(2–3):185–201, July 15, 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398100152>.
- [Arg99b] Ioannis K. Argyros. On Newton's method under mild differentiability conditions and applications. *Applied Mathematics and Computation*, 102(2–3):177–183, July 15, 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398100140>.

Argyros:1999:CTS

- [Arg99c] Ioannis K. Argyros. On the convergence of two-step methods generated by point-to-point operators. *Applied Mathematics and Computation*, 102(2-3):165-176, July 15, 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398100164>.

Argyros:1999:RNMa

- [Arg99d] Ioannis K. Argyros. Results on Newton methods. Part 1: a unified approach for constructing perturbed Newton-like methods in Banach space and their applications. *Applied Mathematics and Computation*, 102(2-3):203-222, July 15, 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398100176>.

Argyros:1999:RNMb

- [Arg99e] Ioannis K. Argyros. Results on Newton methods. Part II: Perturbed Newton-like methods in generalized Banach spaces. *Applied Mathematics and Computation*, 102(2-3):223-236, July 15, 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398100188>.

Adomian:1997:NIA

- [ARM97] G. Adomian, R. C. Rach, and R. E. Meyers. Numerical integration, analytic continuation, and decomposition. *Applied Mathematics and Computation*, 88(2-3):95-116, December 30, 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396000525>.

Ananda:1999:PAM

- [AS99] Malwane M. A. Ananda and Ashok K. Singh. Performance assessment of multiple engineered barrier systems. *Applied Mathematics and Computation*, 102(1):25-33, July 1, 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398100115>.

Asaithambi:1997:NMS

- [Asa97a] N. S. Asaithambi. A numerical method for the solution of the Falkner-Skan Equation. *Applied Mathematics and Computation*, 81(2-3):259-264, February 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395003258>.

Asaithambi:1997:VTS

- [Asa97b] N. S. Asaithambi. A vari-

- able time step Galerkin method for a one-dimensional Stefan problem. *Applied Mathematics and Computation*, 81(2-3): 189-200, February 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395003290>.
- [Asa98] Asai Asaithambi. A finite-difference method for the Falkner-Skan equation. *Applied Mathematics and Computation*, 92(2-3):135-141, June 15, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039710042X>.
- [ASK98] Bader Al-Saqabi and Virginia S. Kiryakova. Explicit solutions of fractional integral and differential equations involving Erdélyi-Kober operators. *Applied Mathematics and Computation*, 95(1):1-13, September 1, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397100959>.
- [AW99a] Ravi P. Agarwal and Fu-Hsiang Wong. An application of topological transversality to non-positive higher order difference equations. *Applied Mathematics and Computation*, 99(2-3):167-178, March 15, 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398000058>.
- [AW99b] Ravi P. Agarwal and Fu-Hsiang Wong. Existence of solutions to $(k, n - k - 2)$ boundary value problems. *Applied Mathematics and Computation*, 104(1):33-50, September 1, 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398100462>.
- [AY98] Arzu Aykut and Bünyamin Yildiz. On a boundary value problem for a differential equation with variant retarded argument. *Applied Mathematics and Computation*, 93(1):63-71, July 1, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397101151>.
- [AZK96] A. Al-Zamel and S. Kalla. Epstein-Hubbell elliptic-type integral and its generalizations. *Applied Mathematics and Computation*, 77(1):9-32,

- June 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395001476>.
- [Bai97] Zhong-Zhi Bai. Parallel hybrid iteration methods for block bordered linear systems. *Applied Mathematics and Computation*, 86(1):37–60, September 15, 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396001725>.
- [Bai98] Zhong-Zhi Bai. Asynchronous parallel nonlinear multisplitting relaxation methods for large sparse nonlinear complementarity problems. *Applied Mathematics and Computation*, 92(1):85–100, June 1, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397100200>.
- [Bai99a] Zhong-Zhi Bai. Asynchronous multisplitting AOR methods for a class of systems of weakly nonlinear equations. *Applied Mathematics and Computation*, 98(1):49–59, January 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397101540>.
- [Bai99b] Zhong-Zhi Bai. A class of parallel hybrid two-stage iteration methods for block bordered linear systems. *Applied Mathematics and Computation*, 101(2–3):245–267, June 15, 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398100048>.
- [Bar95] J. P. Bardet. The damping of saturated poroelastic soils during steady-state vibrations. *Applied Mathematics and Computation*, 67(1–3):3–31, January/February 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300394000526>.
- [Bay97] Mustafa Bayram. A novel method for analyzing enzyme kinetic systems. *Applied Mathematics and Computation*, 87(2–3):161–174, December 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397101540>.

Bai:1997:PHI**Bai:1999:CPH****Bai:1998:APN****Bardet:1995:DSP****Bai:1999:AMA****Bayram:1997:NMA**

- com/science/article/pii/S0096300396002275.
- [Bay98a] Mustafa Bayram. Application of computer algebra techniques to affinity binding equations. *Applied Mathematics and Computation*, 94(1):83–90, August 1, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397100303>.
- [Bay98b] Mustafa Bayram. Application of computer algebra techniques to enzyme kinetics. *Applied Mathematics and Computation*, 94(1):73–81, August 1, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397100285>.
- [BB96] M. I. Bhatti and A. M. Barry. Some optimal tests for the equicorrelation coefficient in standard symmetric multivariate normal distribution. *Applied Mathematics and Computation*, 75(2–3):269–285, March 15, 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396900715>.
- [BBB97] A. M. Barry, S. M. A. Burney, and M. I. Bhatti. Optimum influence of initial observations in regression models with AR(2) errors. *Applied Mathematics and Computation*, 82(1):57–65, March 1, 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396000240>.
- [BD95] Arun K. Banerjee and Van N. Do. Deployment control of a cable connecting a ship to an underwater vehicle. *Applied Mathematics and Computation*, 70(2–3):97–116, July 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039400124M>.
- [BD96] D. D. Bainov and M. B. Dimitrova. Quickly oscillating solutions of operator-differential equations. *Applied Mathematics and Computation*, 75(1):1–11, March 1, 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395000658>.

- [BDJR98] Michael Böhm, Joseph Devinyin, Fereidoun Jahani, and Gary Rosen. On a moving-boundary system modeling corrosion in sewer pipes. *Applied Mathematics and Computation*, 92(2–3):247–269, June 15, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039710039X>.
- [Beh95] G. Hossein Behforooz. A comparison of the $E(3)$ and not-a-knot cubic splines. *Applied Mathematics and Computation*, 72(2–3):219–223, October 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300394001857>.
- [BDS96] Aimée Bella, Lucien Duckstein, and Ferenc Szidarovszky. A multicriterion analysis of the water allocation conflict in the Upper Rio Grande basin. *Applied Mathematics and Computation*, 77(2–3):245–265, July 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395002189>.
- [Béc98] Cécile Bécarie. Intrinsically parallel solution of systems of linear partial differential equations. *Applied Mathematics and Computation*, 90(2–3):205–227, March 15, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397003998>.
- [Beh96a] G. Hossein Behforooz. Consistency relations of the spline functions derived from a Pascal-like triangle. *Applied Mathematics and Computation*, 74(2–3):293–297, February 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395001050>.
- [Beh96b] G. Hossein Behforooz. The use of spline-on-spline for the approximation of Cauchy principal value integrals. *Applied Mathematics and Computation*, 80(1):23–32, November 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395002774>.
- [Bel95] V. V. Beletsky. Some stabil-

- ity problems in applied mechanics. *Applied Mathematics and Computation*, 70(2–3):117–141, July 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039400123L>.
- [BGY97] S. Blount, A. Galambosi, and S. Yakowitz. Nonlinear and dynamic programming for epidemic intervention. *Applied Mathematics and Computation*, 86(2–3):123–136, October 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396001774>.
- [BI98] J. Bogaert and I. Impens. Generating random percolation clusters. *Applied Mathematics and Computation*, 91(2–3):197–208, May 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397100182>.
- [Bil96] Edward A. Billard. Stability of dynamic groups in distributed computing systems. *Applied Mathematics and Computation*, 74(2–3):223–248, February 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395000941>.
- [BJTW98] Murali Beddhu, Min-Yee Jiang, Lafayette K. Taylor, and David L. Whitfield. Computation of steady and unsteady flows with a free surface around the Wigley hull. *Applied Mathematics and Computation*, 89(1–3):67–84, January/February 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397816487>.
- [BK99] R. Beutler and B. G. Konopelchenko. Surfaces of revolution via the Schrödinger equation: Construction, integrable dynamics and visualization. *Applied Mathematics and Computation*, 101(1):13–43, June 1, 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398000368>.
- [BKM95] Drumi Bainov, Zdzisław Kamont, and Emil Minchev. Periodic boundary value problem for impulsive hyperbolic partial differential equations of first order. *Applied*

Blount:1997:NDP

Beddhu:1998:CSU

Beutler:1999:SRS

Bogaert:1998:GRP

Bainov:1995:PBV

Billard:1996:SDG

- Mathematics and Computation*, 68(2-3):95-104, March 15, 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039400083G>.
- [BKS98] R. P. Bajpai, S. Kumar, and V. A. Sivadasan. Biophoton emission in the evolution of a squeezed state of frequency stable damped oscillator. *Applied Mathematics and Computation*, 93(2-3):277-288, July 15, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397101175>.
- [Bla96] Luise Blank. Stability results for collocation methods for Volterra integral equations. *Applied Mathematics and Computation*, 79(2-3):267-288, October 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395002707>.
- [BNN95] B. Balendran and Sia Nemat-Nasser. Integration of inelastic constitutive equations for constant velocity gradient with large rotation. *Applied Mathematics and Computation*, 67(1-3):161-195, January/February 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039400058C>.
- [Boy95] John P. Boyd. A lag-averaged generalization of Euler's method for accelerating series. *Applied Mathematics and Computation*, 72(2-3):143-166, October 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039400180C>.
- [Boy97a] John P. Boyd. Construction of Lighthill's unitary functions: the imbricate series of unity. *Applied Mathematics and Computation*, 86(1):1-10, September 15, 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396001452>.
- [Boy97b] John P. Boyd. Peakons and coshoidal waves: Traveling wave solutions of the Camassa-Holm equation. *Applied Mathematics and Computation*, 81(2-3):173-187, February 1997. CODEN AMHCBQ.

- ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395003266>.
- [BPE99] Roberto Barrio, Manuel Palacios, and Antonio Elipe. Chebyshev collocation methods for fast orbit determination. *Applied Mathematics and Computation*, 99(2–3):195–207, March 15, 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398000034>.
- [BPZ96] A. Baronio, E. Loli Piccolomini, and F. Zama. A method for solving the indirect approximation problem. *Applied Mathematics and Computation*, 77(2–3):97–107, July 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395001549>.
- [BR98] J. V. Baxley and S. B. Robinson. Coexistence in the unstirred chemostat. *Applied Mathematics and Computation*, 89(1–3):41–65, January/February 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397816475>.
- [BR99a] C. L. Barrett and C. M. Reidys. Elements of a theory of computer simulation I: Sequential CA over random graphs. *Applied Mathematics and Computation*, 98(2–3):241–259, February 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397101667>.
- [BR99b] Charles D. Bonham and Robin M. Reich. Influence of spatial autocorrelation on a fixed-effect model used to evaluate treatment of oil spills. *Applied Mathematics and Computation*, 106(2–3):149–162, December 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398101091>.
- [BS97] Zhongzhi Bai and Yangfeng Su. On the convergence of a class of parallel decomposition-type relaxation methods. *Applied Mathematics and Computation*, 81(1):1–21, January 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397101667>.

com/science/article/pii/
0096300395002979.

Buetow:1998:MAF

[BS98]

Gerald W. Buetow, Jr. and James S. Sochacki. A more accurate finite difference approach to the pricing of contingent claims. *Applied Mathematics and Computation*, 91(2-3):111-126, May 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397100297>.

Brugnano:1997:BBV

[BT97]

L. Brugnano and D. Trigiante. Block boundary value methods for linear Hamiltonian systems. *Applied Mathematics and Computation*, 81(1):49-68, January 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395003088>.

Bratsos:1998:FPP

[BT98]

A. G. Bratsos and E. H. Twizell. A family of parametric finite-difference methods for the solution of the sine-Gordon equation. *Applied Mathematics and Computation*, 93(2-3):117-137, July 15, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395002979>.

com/science/article/pii/
S0096300397101102.

Bursal:1996:IBP

[Bur96]

Faruk H. Bursal. On interpolating between probability distributions. *Applied Mathematics and Computation*, 77(2-3):213-244, July 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395002162>.

Bayram:1999:PEE

[BY99]

Mustafa Bayram and Bunyamin Yildiz. Parameter estimation of an enzyme kinetic system using computer algebra techniques. *Applied Mathematics and Computation*, 99(1):93-98, March 1, 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397101783>.

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/S0096300394901937>. See erratum [Cab95].

- [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/S009630039400147V>. See [Cab94].
- [CC99a] C. Y. Chan and W. Y. Chan. Existence of classical solutions for degenerate semilinear parabolic problems. *Applied Mathematics and Computation*, 101(2–3):125–149, June 15, 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398100024>.
- [CC99b] Hi Jun Choe and Jeong Ho Chu. A spectral method for Stokes equations. *Applied Mathematics and Computation*, 104(2–3):131–151, September 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398100620>.
- [Car97] Kevin Carmody. Circular and hyperbolic quaternions, octonions, and sedenions — further results. *Applied Mathematics and Computation*, 84(1):27–47, June 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396000513>.
- [Cen97] Ahmet Cengiz. A study on the Epstein–Hubbell generalized elliptic-type integral using residue theory. *Applied Mathematics and Computation*, 83(1):19–26, April 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396000410>.
- [CBYK99] Chung-Ki Cho, Guo Ben-Yu, and YongHoon Kwon. A new approach for numerical identification of conductivity. *Applied Mathematics and Computation*, 100(2–3):265–283, May 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398000277>.
- [CG96] S. Carl and C. Grossmann.

- Smoothing and monotone iterations for elliptic differential inclusions. *Applied Mathematics and Computation*, 74(1):15–35, January 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395000704>.
Chang:1998:PES
- [CG98] Carolina Chang and Henryk Gzyl. Parameter estimation in superposition of decaying exponentials. *Applied Mathematics and Computation*, 96(2–3):101–116, November 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397101084>.
Chen:1996:ADT
- [CH96] Chaó-Kuang Chen and Shing-Huei Ho. Application of differential transformation to eigenvalue problems. *Applied Mathematics and Computation*, 79(2–3):173–188, October 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395002537>.
Chen:1999:SPD
- [CH99] Cha’o Kuang Chen and Shing Huei Ho. Solving partial differential equations by two-dimensional differential transform method. *Applied Mathematics and Computation*, 106(2–3):171–179, December 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398101157>.
Chang:1995:PLA
- [Cha95a] Ching Lung Chang. Piecewise linear approach to the Stokes equations in 3-D. *Applied Mathematics and Computation*, 72(1):61–75, September 15, 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300394001765>.
Chang:1995:DBE
- [Cha95b] Mou-Hsiung Chang. On duality between estimation and control for linear stochastic functional evolution equations in Hilbert spaces. *Applied Mathematics and Computation*, 68(1):51–70, March 1, 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039400089M>.
Chang:1996:LSF
- [Cha96a] Ching Lung Chang. Least-squares finite element for second order boundary value problem with optimal rates

- of convergence. *Applied Mathematics and Computation*, 76(2-3):267-284, May 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395001646>. [Che96b]
- Chang:1996:LDN**
- [Cha96b] Mou-Hsiung Chang. Large deviation for Navier-Stokes equations with small stochastic perturbation. *Applied Mathematics and Computation*, 76(1):65-93, April 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395001506>. [Che97]
- Chen:1995:RCD**
- [Che95] Y. H. Chen. Robust control design for a class of mismatched uncertain nonlinear systems. *Applied Mathematics and Computation*, 70(2-3):155-167, July 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039400105D>. [Chu96]
- Chen:1996:IMC**
- [Che96a] Yong-Lin Chen. Iterative methods for computing the generalized inverses $A_{T,S}^{(2)}$ of a matrix A . *Applied Mathematics and Computation*, 75(2-3):207-222, March 15, 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396000636>. [Chernousko:1996:CES]
- F. L. Chernousko. Control of elastic systems by bounded distributed forces. *Applied Mathematics and Computation*, 78(2-3):103-110, September 1, 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039600001X>. [Chen:1997:IMS]
- Yong-Lin Chen. Iterative methods for solving restricted linear equations. *Applied Mathematics and Computation*, 86(2-3):171-184, October 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396001804>. [Chukwu:1996:ULC]
- E. N. Chukwu. Universal laws for the control of global economic growth with nonlinear hereditary dynamics. *Applied Mathematics and Computation*, 78(1):19-81, August 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396001804>.

- com/science/article/pii/0096300395001557.
- [Chu97] E. N. Chukwu. Control of nonlinear delay differential equations in $W_2^{(1)}$ with economic applications. *Applied Mathematics and Computation*, 85(1):17–59, August 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396001087>.
- [Chu98] Ethelbert N. Chukwu. On the controllability of nonlinear economic systems with delay: the Italian example. *Applied Mathematics and Computation*, 95(2–3):245–274, September 15, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397100790>.
- [Cic99] David A. Cicci. Filter performance in target tracking using space-based observers. *Applied Mathematics and Computation*, 99(2–3):275–293, March 15, 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398000071>.
- [CK95] C. Y. Chan and P. C. Kong. A thermal explosion model. *Applied Mathematics and Computation*, 71(2–3):201–210, September 1, 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/009630039400154V>.
- [CK99] X. B. Chen and M. M. Kostreva. A generalization of the norm-relaxed method of feasible directions. *Applied Mathematics and Computation*, 102(2–3):257–272, July 15, 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398100255>.
- [CL98a] Chieh-Li Chen and Yung-Chin Liu. Differential transformation technique for steady nonlinear heat conduction problems. *Applied Mathematics and Computation*, 95(2–3):155–164, September 15, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397100960>.

- [CL98b] Jinru Chen and Likang Li. Pre-conditioning projection non-conforming element method for the lowest-order Raviart–Thomas mixed triangular element method. *Applied Mathematics and Computation*, 93(1):31–49, July 1, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397101126>.
- [Cao:1999:CRP] Zhi-Hao Cao and Zhong-Yun Liu. Convergence of relaxed parallel multisplitting methods with different weighting schemes. *Applied Mathematics and Computation*, 106(2–3):181–196, December 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398101200>.
- [Chen:1997:EBE] Cha’o-Kuang Chen, Jin-Mu Lin, and Chieh-Li Chen. Error bounds estimate of weighted residuals method using genetic algorithms. *Applied Mathematics and Computation*, 81(2–3):207–219, February 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396000173>.
- [CMM96] M. Cordero, C. Martin, and J. Miller. Gaussian quadrature for products of exponential functions. *Applied Mathematics and Computation*, 79(2–3):189–202, October 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395002545>.
- [Cabada:1997:RCI] Alberto Cabada and Juan J. Nieto. Rapid convergence of the iterative technique for first order initial value problems. *Applied Mathematics and Computation*, 87(2–3):217–226, December 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396002858>.
- [Cicci:1996:FSE] David A. Cicci and David L. Oakley. Filter sensitivity in exoatmospheric target vehicle tracking. *Applied Mathematics and Computation*, 79(2–3):249–265, October 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396000173>.

- com/science/article/pii/0096300395002693.
- Coskun:1999:CSF**
- [Cos99] Erhan Coskun. Computational simulation of flux trapping and vortex pinning in Type-II superconductors. *Applied Mathematics and Computation*, 106(1):31–49, December 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398100899>.
- Crombez:1995:PPM**
- [Cro95] G. Crombez. A parallel projection method based on sequential most remote set in convex feasibility problems. *Applied Mathematics and Computation*, 72(2–3):113–124, October 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300394001776>.
- Choi:1999:SHO**
- [CRS99] Junesang Choi, Arjun K. Rathie, and H. M. Srivastava. Some hypergeometric and other evaluations of $\zeta(2)$ and allied series. *Applied Mathematics and Computation*, 104(2–3):101–108, September 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395001565>.
- Chen:1995:ORG**
- [CS95] Ming-Po Chen and H. M. Srivastava. Orthogonality relations and generating functions for Jacobi polynomials and related hypergeometric functions. *Applied Mathematics and Computation*, 68(2–3):153–188, March 15, 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300394000921>.
- Chou:1996:MFE**
- [CS96] Chi-Chin Chou and William A. Sethares. Multiplication-free evaluation of polynomials via a Stochastic Bernstein Representation. *Applied Mathematics and Computation*, 79(1):1–25, September 15, 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395001565>.
- Chen:1997:FCO**
- [CS97] Ming-Po Chen and H. M. Srivastava. Fractional calculus operators and their applications involving power functions and summation of series. *Applied Mathematics and Computation*, 81(2–3):287–304, February 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-

- 5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039500310X>.
Chang:1998:MQE [CSZ98]
- [CS98] Feng Cheng Chang and Ching-Tzong Su. More on quick evaluation of determinants. *Applied Mathematics and Computation*, 93(1):97–99, July 1, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397100443>.
Chiue:1999:CCP
- [CS99] Wen-Sz Chiue and Bih-Sheue Shieh. On connectivity of the Cartesian product of two graphs. *Applied Mathematics and Computation*, 102(2–3):129–137, July 15, 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398100413>.
Chen:1998:SOF
- [CSY98] Ming-Po Chen, H. M. Srivastava, and Ching-Shu Yu. Some operators of fractional calculus and their applications involving a novel class of analytic functions. *Applied Mathematics and Computation*, 91(2–3):285–296, May 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397100340>.
Choi:1998:IIF
- [CSZ98] Junesang Choi, H. M. Srivastava, and Nan-Yue Zhang. Integrals involving a function associated with the Euler–Maclaurin summation formula. *Applied Mathematics and Computation*, 93(2–3):101–116, July 15, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397100704>.
Chen:1996:NFM
- [CT96] Cha’o-Kuang Chen and Tzu-Li Tien. A new forecasting method for time continuous model of dynamic system. *Applied Mathematics and Computation*, 80(2–3):225–244, December 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395002960>.
Chen:1997:NFM
- [CT97] Cha’o-Kuang Chen and Tzu-Li Tien. A new forecasting method of discrete dynamic system. *Applied Mathematics and Computation*, 86(1):61–84, September 15, 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396001737>.

Charafi:1997:NAR

- [CW97] A. Charafi and L. C. Wrobel. A new h -adaptive refinement scheme for the boundary element method using local reanalysis. *Applied Mathematics and Computation*, 82(2-3):239-271, March 15, 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396000288>.

Chan:1998:IEG

- [CY98] C. Y. Chan and S. I. Yuen. Impulsive effects on global existence of solutions for degenerate semilinear parabolic equations. *Applied Mathematics and Computation*, 90(2-3):97-116, March 15, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396003530>.

Chang:1999:EOH

- [CY99] Mou-Hsiung Chang and Roger K. Youree. The European option with hereditary price structures: Basic theory. *Applied Mathematics and Computation*, 102(2-3):279-296, July 15, 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398100358>.

Cha:1999:PES

- [CyGK99] Ki Hyun Cha, Ben yu Guo, and Yong Hoon Kwon. Parameter estimation by spectral approximation. *Applied Mathematics and Computation*, 104(1):1-14, September 1, 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398100553>.

Chan:1999:BSS

- [CZ99] C. Y. Chan and J. K. Zhu. Blow-up of solutions of semilinear Euler-Poisson-Darboux equations with nonlocal boundary conditions. *Applied Mathematics and Computation*, 99(1):17-28, March 1, 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397101710>.

Davis:1998:SCP

- [Dav98] Stephen F. Davis. Shock capturing with Padé methods. *Applied Mathematics and Computation*, 89(1-3):85-98, January/February 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397816499>.

deBarros:1995:SDL

- [dBL95] F. C. P. de Barros and J. E. Luco. Stresses and displacements in a layered half-space for a moving line load. *Applied Mathematics and Computation*, 67(1–3):103–134, January/February 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/009630039400056A>. [DF96]

Degot:1996:MPC

- [Dég96] Jérôme Dégot. Massively parallel computation of many-variable polynomial interpolation. *Applied Mathematics and Computation*, 80(2–3):105–125, December 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/0096300395002839>. [DGU96]

DeKlerk:1995:AMN

- [DEV95] J. H. De Klerk, D. Eyre, and L. M. Venter. L_p -approximation method for the numerical solution of singular integral equations. *Applied Mathematics and Computation*, 72(2–3):285–300, October 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/009630039500072P>. [DH99a]

Dolezal:1996:NSD

Jaroslav Doležal and Jiří Fidler. Numerical solution of dynamic optimization problems using parametrization and Op^{ti} A software. *Applied Mathematics and Computation*, 78(2–3):111–121, September 1, 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/0096300396000021>.

Duchting:1996:CSA

Werner Düchting, Thomas Ginsberg, and Waldemar Ulmer. Computer simulation applied to radiation therapy in cancer research. *Applied Mathematics and Computation*, 74(2–3):191–207, February 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/0096300395000925>.

Daripa:1999:NSI

Prabir Daripa and Wei Hua. A numerical study of an ill-posed Boussinesq equation arising in water waves and nonlinear lattices: Filtering and regularization techniques. *Applied Mathematics and Computation*, 101(2–3):159–207, June 15, 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/0096300399000021>.

com/science/article/pii/
S009630039810070X.

Dror:1999:SRU

[DH99b]

Moshe Dror and Bruce C. Hartman. Stopping rules for utility functions and the St. Petersburg gamble. *Applied Mathematics and Computation*, 98(2-3):279-291, February 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397101692>.

DiBella:1998:PJM

[Di 98]

Beatrice Di Bella. On a paper by J. M. Soriano. *Applied Mathematics and Computation*, 92(2-3):297-298, June 15, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397100510>.

Dietzenbacher:1996:AFB

[Die96]

Erik Dietzenbacher. An algorithm for finding block-triangular forms. *Applied Mathematics and Computation*, 76(2-3):161-171, May 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395001573>.

[Din98]

Ding:1998:MEM

J. Ding. A maximum entropy method for solving Frobenius-Perron operator equations. *Applied Mathematics and Computation*, 93(2-3):155-168, July 15, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397100613>.

Deeba:1996:DMA

[DK96]

E. Y. Deeba and S. A. Khuri. The decomposition method applied to Chandrasekhar H -equation. *Applied Mathematics and Computation*, 77(1):67-78, June 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395001883>.

Dunyak:1998:AIS

[DML98]

James Dunyak, Clyde Martin, and Richard Lampe. Analysis of the influence of social structure on a measles epidemic. *Applied Mathematics and Computation*, 92(2-3):283-296, June 15, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397100546>.

Djidjeli:1998:PIS

[DPTT98]

K. Djidjeli, W. G. Price, P. Temarel, and E. H. Twiz-

- ell. Partially implicit schemes for the numerical solutions of some non-linear differential equations. *Applied Mathematics and Computation*, 96(2-3):177-207, November 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397101333>.
- [dRS98] Susana Salinas de Romero and H. M. Srivastava. Some applications of fractional calculus involving summation of infinite series. *Applied Mathematics and Computation*, 90(2-3):129-142, March 15, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397003949>.
- [DS99] J. Dziok and H. M. Srivastava. Classes of analytic functions associated with the generalized hypergeometric function. *Applied Mathematics and Computation*, 103(1):1-13, August 1, 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398100425>.
- [dSYS97] R. J. B. de Sampaio, Jin-Yun Yuan, and Wen-Yu Sun. Trust region algorithm for nonsmooth optimization. *Applied Mathematics and Computation*, 85(2-3):109-116, September 1, 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396001129>.
- [Dua99a] Jinqiao Duan. A remark on the three dimensional baroclinic quasi-geostrophic dynamics. *Applied Mathematics and Computation*, 106(2-3):285-288, December 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398101303>.
- [Dua99b] Jinqiao Duan. Time-periodic quasigeostrophic motion under dissipation and forcing. *Applied Mathematics and Computation*, 102(2-3):121-127, July 15, 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398100346>.
- [DVD95] H. Dang-Vu and C. Delcarte. Hopf bifurcation and strange attractors in Chebyshev spectral solutions of the

- Burgers equation. *Applied Mathematics and Computation*, 73(2–3):99–113, December 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300394002428>.
- [DZ99] Jiu Ding and Aihui Zhou. A finite element method for the Frobenius–Perron operator equation. *Applied Mathematics and Computation*, 102(2–3):155–164, July 15, 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398100395>.
- [EB99] A. F. El-Bassiouny. Response of a three-degree-of-freedom system with cubic non-linearities to harmonic excitation. *Applied Mathematics and Computation*, 104(1):65–84, September 1, 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398100516>.
- [EFS95] A. Eskandari, P. Ffolliott, and F. Szidarovszky. Uncertainty and method choice in discrete multiobjective programming problems. *Applied Mathematics and Computation*, 69(2–3):335–351, May 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039400145T>.
- [EGH97] J. A. Ezquerro, J. M. Gutiérrez, and M. A. Hernández. A construction procedure of iterative methods with cubical convergence. *Applied Mathematics and Computation*, 85(2–3):181–199, September 1, 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396001348>.
- [EGH98] J. A. Ezquerro, J. M. Gutiérrez, and M. A. Hernández. A construction procedure of iterative methods with cubical convergence II: Another convergence approach. *Applied Mathematics and Computation*, 92(1):59–68, June 1, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397100315>.
- [Eis98] J. Eisenfeld. Identification, interval bounds, and linear algebraic estimation for

- a class of nonlinear problems. *Applied Mathematics and Computation*, 89(1-3):17-29, January/February 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397816451>.
- [EM98] Magnus Egerstedt and Clyde Martin. A control theoretic model of the combined planar motion of the human head and eye. *Applied Mathematics and Computation*, 90(1):61-95, March 1, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396003517>.
- [EME96] A. E. M. El-Misiery and El-Sayed M. El-Horbaty. An algorithm for calculating Jones polynomials. *Applied Mathematics and Computation*, 74(2-3):249-259, February 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395000968>.
- [ENAAA95] A. M. El-Naggar, A. M. Abd-Alla, and S. M. Ahmed. On the rotation of a non-homogeneous composite infinite cylinder of orthotropic material. *Applied Mathematics and Computation*, 69(2-3):147-157, May 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039400074E>.
- [ENS96] A. M. El-Naggar and M. M. Saliem. Wave propagation in layered media under initial stresses. *Applied Mathematics and Computation*, 74(2-3):95-117, February 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039500064X>.
- [EORA99] H. El-Owaidy, A. Ragab, and A. Abdeldaim. On some new integral inequalities of Growall-Bellman type. *Applied Mathematics and Computation*, 106(2-3):289-303, December 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398101315>.
- [ES99] Ahmed M. A. El-Sayed. Fractional order evolutionary integral equations. *Applied Mathematics and Computation*, 98(2-3):139-146, February 1999. CO-

- DEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397101655>. [Fab96]
- El-Sayed:1995:MFD**
- [ESI95] A. M. A. El-Sayed and A. G. Ibrahim. Multivalued fractional differential equations. *Applied Mathematics and Computation*, 68(1):15–25, March 1, 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039400080N>.
- Eom:1998:NSL**
- [ESL98] Tae-Dok Eom, Masanori Sugisaka, and Ju-Jang Lee. New skill learning paradigm using various kinds of neurons. *Applied Mathematics and Computation*, 91(1):9–22, April 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039710011X>.
- El-Sayed:1999:BPA**
- [ESR99] A. M. A. El-Sayed and S. Z. Rida. Bell polynomials of arbitrary (fractional) orders+. *Applied Mathematics and Computation*, 106(1):51–62, December 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398100887>.
- Fabien:1996:NSC**
- Brian C. Fabien. Numerical solution of constrained optimal control problems with parameters. *Applied Mathematics and Computation*, 80(1):43–62, November 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/0096300395002804>.
- Fernandez-Berdaguer:1996:IPE**
- [FBSS96] Elena M. Fernandez-Berdaguer, Juan E. Santos, and Dongwoo Sheen. An iterative procedure for estimation of variable coefficients in a hyperbolic system. *Applied Mathematics and Computation*, 76(2–3):213–250, May 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/0096300395001611>.
- Fridrich:1995:RBO**
- [FG95] Jiri Fridrich and James F. Geer. Reconstruction of blurred orbits under finite resolution. *Applied Mathematics and Computation*, 71(2–3):227–245, September 1, 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/009630039400156X>.

Ford:1995:APF

- [FH95] R. A. Ford and M. H. Hamdan. Analysis of the polar form of the von Mises transformation. *Applied Mathematics and Computation*, 72(2–3):205–217, October 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300394001846>.

Ford:1998:CPF

- [FH98] R. A. Ford and M. H. Hamdan. Coupled parallel flow through composite porous layers. *Applied Mathematics and Computation*, 97(2–3):261–271, December 15, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397101412>.

Ford:1996:ECT

- [FHG96a] R. A. Ford, M. H. Hamdan, and L. E. Garey. Effects of Coordinate transformation and differencing schemes on matrix structure and convergence history. *Applied Mathematics and Computation*, 77(1):53–66, June 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395001913>.

Fritz:1996:ESE

- [FHG96b] Christophe Fritz, Michel Hasenforder, and Gérard L. Gissinger. Evaluating systems of equations: Toward a formal approach. *Applied Mathematics and Computation*, 75(2–3):223–237, March 15, 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039690065X>.

Fang:1997:HPA

- [FHK97] Liping Fang, Keith W. Hipel, and D. Marc Kilgour. How penalty affects enforcement of environmental regulations. *Applied Mathematics and Computation*, 83(2–3):281–301, May 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396001890>.

Finkelstein:1995:EFD

- [Fin95] Mark Finkelstein. Estimating the frequency distribution of the numbers bet on the California lottery. *Applied Mathematics and Computation*, 69(2–3):195–207, May 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300394001260>.

Fiorito:1995:PPM

- [Fio95] Giovanni Fiorito. On properties of periodically monotone sequences. *Applied Mathematics and Computation*, 72(2-3):259–275, October 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300394001879>.

Fu:1999:UBS

- [FL99] Xilin Fu and Xinzhi Liu. Uniform boundedness and stability criteria in terms of two measures for impulsive integro-differential equations. *Applied Mathematics and Computation*, 102(2-3):237–255, July 15, 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398100371>.

Freedman:1996:BPT

- [FM96] H. I. Freedman and P. Moson. Bifurcations in persistence theory. *Applied Mathematics and Computation*, 79(2-3):125–136, October 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395002480>.

Foroutan-pour:1999:AIB

- [FpDS99] K. Foroutan-pour, P. Du-

tilleul, and D. L. Smith. Advances in the implementation of the box-counting method of fractal dimension estimation. *Applied Mathematics and Computation*, 105(2-3):195–210, November/December 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398100966>.

Fei:1995:NSN

- [FPGV95] Zhang Fei, Víctor M. Pérez-García, and Luis Vázquez. Numerical simulation of nonlinear Schrödinger systems: a new conservative scheme. *Applied Mathematics and Computation*, 71(2-3):165–177, September 1, 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039400152T>.

Fridrich:1997:DTD

- [Fri97] Jiri Fridrich. Discrete-time dynamical systems under observational uncertainty. *Applied Mathematics and Computation*, 82(2-3):181–205, March 15, 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039600029X>.

Franke:1998:SPD

- [FS98] C. Franke and R. Schaback.

- Solving partial differential equations by collocation using radial basis functions. *Applied Mathematics and Computation*, 93(1):73–82, July 1, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397101047>.
- [FT97] Marco Frontini and Aldo Tagliani. Entropy-convergence in Stieltjes and Hamburger moment problem. *Applied Mathematics and Computation*, 88(1):39–51, December 15, 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396003050>.
- [FT98] Marco Frontini and Aldo Tagliani. Maximum entropy and lacunary Stieltjes moment problem. *Applied Mathematics and Computation*, 97(2–3):183–196, December 15, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397101485>.
- [FW98] Wei Feng and Fan Wang. Asymptotic periodicity and permanence in a competition-diffusion system with discrete delays. *Applied Mathematics and Computation*, 89(1–3):99–110, January/February 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397816505>.
- [Gao98] Zhi-Hao Gao. A note on convergence of quasi-minimal residual smoothing. *Applied Mathematics and Computation*, 93(2–3):289–297, July 15, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397100741>.
- [Gar98] J. B. Garner. Existence results for a class of diffusion-reaction problems. *Applied Mathematics and Computation*, 89(1–3):111–118, January/February 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397816517>.
- [GB98] Michael Golberg and Harold Bowman. Optimal convergence rates for some discrete projection methods. *Applied Mathematics and Computation*, 96(2–3):237–271, November 1998.

- ber 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039710131X>.
- [GBS99] T. Aaron Gulliver, Vijay K. Bhargava, and Jack M. Stein. *Q*-ary Gray codes and weight distributions. *Applied Mathematics and Computation*, 103(1):97–109, August 1, 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398100504>.
- [GF96] Ramesh S. Guttalu and Henryk Flashner. Stability study of a periodic system by a period-to-period mapping. *Applied Mathematics and Computation*, 78(2–3):123–135, September 1, 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396000033>.
- [GG96] L. E. Garey and C. J. Gladwin. Higher-order methods for eigenvalues of second-order ordinary differential equations with boundary conditions. *Applied Mathematics and Computation*, 76(2–3):293–300, May 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395001875>.
- [GGS97] L. E. Garey, C. J. Gladwin, and R. E. Shaw. Unconditionally stable methods for second-order Fredholm integro-differential equations. *Applied Mathematics and Computation*, 81(2–3):275–286, February 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395003282>.
- [Gho96] Dariush Ghorbanzadeh. Detection of random change point in one-parameter exponential families. *Applied Mathematics and Computation*, 77(2–3):167–177, July 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395002103>.
- [GKT96] Mu Gu, Robert E. Kalaba, and Grant A. Taylor. Obtaining initial parameter estimates for chaotic dynamical systems using linear associative memories. *Applied Mathematics and Computation*, 76(2–3):143–159, May 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395002103>.

5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395001530>.

Guoqiang:1995:AEE

[GL95]

Han Guoqiang and Zhang Liqing. Asymptotic error expansion of a collocation-type method for Hammerstein equations. *Applied Mathematics and Computation*, 72(1):1–19, September 15, 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300394001606>.

Gunzburger:1999:AAO

[GL99]

Max D. Gunzburger and Hyung-Chun Lee. Analysis and approximation of optimal control problems for first-order elliptic systems in three dimensions. *Applied Mathematics and Computation*, 100(1):49–70, April 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398000174>.

Gopalsamy:1998:GHB

[GLL98]

K. Gopalsamy, Issic K. C. Leung, and Pingzhou Liu. Global Hopf-bifurcation in a neural netlet. *Applied Mathematics and Computation*, 94(2–3):171–192, August 15, 1998. CODEN AMHCBQ.

ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039710087X>.

Gouesbet:1999:CEH

[GMGCL99]

G. Gouesbet, S. Meunier-Guttin-Cluzel, and C. Letellier. Computer evaluation of Homfly polynomials by using Gauss codes, with a skein-template algorithm. *Applied Mathematics and Computation*, 105(2–3):271–289, November/December 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398101066>.

Guariso:1996:PSC

[GMS96]

Giorgio Guariso, Vittorio Maniezzo, and Paola Salomoni. Parallel simulation of a cellular pollution model. *Applied Mathematics and Computation*, 79(1):27–41, September 15, 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395002146>.

Golberg:1995:NSR

[Gol95]

Michael Golberg. A note on the sparse representation of discrete integral operators. *Applied Mathematics and Computation*, 71(2–3):97–118, September 1, 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-

- 5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039400146U>.
- Golberg:1996:RDN**
- [Gol96] Michael Golberg. Recent developments in the numerical evaluation of particular solutions in the boundary element method. *Applied Mathematics and Computation*, 75(1):91–101, March 1, 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395001239>.
- Golberg:1999:NDM**
- [Gol99] Michael A. Golberg. A note on the decomposition method for operator equations. *Applied Mathematics and Computation*, 106(2–3):215–220, December 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398101248>.
- Goyon:1997:PNM**
- [GP97] Olivier Goyon and Pascal Poullet. Preconditioned Newton methods using incremental unknowns methods for the resolution of a steady-state Navier–Stokes-like problem. *Applied Mathematics and Computation*, 87(2–3):289–311, December 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397816529>.
- Graef:1998:SPM**
- [GQS98] J. R. Graef, C. Qian, and P. W. Spikes. Stability in a population model. *Applied Mathematics and Computation*, 89(1–3):119–132, January/February 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397816529>.
- Galligani:1997:TSA**
- [GR97] E. Galligani and V. Ruggero. The Two-Stage Arithmetic Mean Method. *Applied Mathematics and Computation*, 85(2–3):245–264, September 1, 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396001397>.
- Grace:1995:OMN**
- [Gra95] S. R. Grace. Oscillations of mixed neutral functional differential equations. *Applied Mathematics and Computation*, 68(1):1–13, March 1, 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039400075F>.

- [Gra97] Alessandra Gragnani. Bifurcation analysis of two predator-prey models. *Applied Mathematics and Computation*, 85(2-3):97-108, September 1, 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396001117>. [GS97]
- [Gre97] Pierre-Alain Gremaud. Numerical simulation of pattern formation in grain flows. *Applied Mathematics and Computation*, 84(2-3):145-162, July 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396000847>. [GS99]
- [Gri98] Stefan Grimm. On orbit sum values of elements of finite order. *Applied Mathematics and Computation*, 97(1):17-22, December 1, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397101539>. [GSC95]
- [GS95] Narendra S. Goel and Bo Shen. Symbolic computation using L -systems II: Extensions. *Applied Mathematics and Computation*, 69(2-3):227-240, May 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039400129R>.
- [Gould:1997:SCI] H. W. Gould and H. M. Srivastava. Some combinatorial identities associated with the Vandermonde convolution. *Applied Mathematics and Computation*, 84(2-3):97-102, July 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396000549>.
- [Garey:1999:PAS] L. E. Garey and R. E. Shaw. A parallel algorithm for solving Toeplitz linear systems. *Applied Mathematics and Computation*, 100(2-3):241-247, May 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398000289>.
- [Goodman:1995:LDE] T. N. T. Goodman, H. B. Said, and L. H. T. Chang. Local derivative estimation for scattered data interpolation. *Applied Mathematics and Computation*, 68(1):41-50, March 1, 1995. CODEN AMHCBQ.

ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039400086J>.

Gunji:1996:BSD

[GSI96]

Yukio-Pegio Gunji, Hisato Sadaoka, and Keisuke Ito. Bootstrapping system defined by inconsistent relation between Boolean and non-Boolean algebra. *Applied Mathematics and Computation*, 79(1):43–97, September 15, 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395002219>.

Graef:1998:SID

[GSZS98]

John Graef, Rathasingham Shivaji, Jiangping Zhu, and Bharat Soni. Special issue on differential equations and computational simulations II. *Applied Mathematics and Computation*, 89(1–3):1–3, January/February 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397816438>.

Gu:1999:CFE

[Gu99]

Haiming Gu. Characteristic finite element methods for nonlinear Sobolev equations. *Applied Mathematics and Computation*, 102(1):51–62, July

1, 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039810019X>.

Guo:1999:BVP

[Guo99]

Dajun Guo. Boundary value problems for impulsive integro-differential equations on unbounded domains in a Banach space. *Applied Mathematics and Computation*, 99(1):1–15, March 1, 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397101746>.

Gupta:1998:GMP

[Gup98]

Chaitan P. Gupta. A generalized multi-point boundary value problem for second order ordinary differential equations. *Applied Mathematics and Computation*, 89(1–3):133–146, January/February 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397816530>.

Gao:1999:NIM

[GXQ99]

Weiguo Gao, Jungong Xue, and Yanyun Qu. A new implementation of EN method. *Applied Mathematics and Computation*, 98(2–3):199–208, February 1999. CODEN AMHCBQ.

- ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397101576>. [Had95]
- Gzyl:1995:MRF**
- [Gzy95] Henryk Gzyl. Maxentropic reconstruction of Fourier and Laplace transforms. *Applied Mathematics and Computation*, 73(2-3):181-189, December 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300394002487>. [Hai97]
- Gzyl:1997:MRF**
- [Gzy97] Henryk Gzyl. Maxentropic reconstruction of Fourier and Laplace transforms under nonlinear constraints. *Applied Mathematics and Computation*, 85(2-3):117-126, September 1, 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396001166>. [Hal98]
- Haber:1995:PCN**
- [Hab95] R. Haber. Predictive control of nonlinear dynamic processes. *Applied Mathematics and Computation*, 70(2-3):169-184, July 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039400122K>. [Ham97]
- Hady:1995:MCB**
- F. M. Hady. Mixed convection boundary-layer flow of non-Newtonian fluids on a horizontal plate. *Applied Mathematics and Computation*, 68(2-3):105-112, March 15, 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039400084H>.
- Haidar:1997:RPI**
- Nassar H. S. Haidar. Recursive pseudo-inversion of the Laplace transform on the real line. *Applied Mathematics and Computation*, 84(2-3):213-220, July 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396000872>.
- Hale:1998:DNA**
- Jack K. Hale. Dynamics of numerical approximations. *Applied Mathematics and Computation*, 89(1-3):5-15, January/February 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039781644X>.
- Hamdan:1997:NCS**
- M. H. Hamdan. Natural coordinate system approach to

- coupled n-phase fluid flow in curved domains. *Applied Mathematics and Computation*, 85(2-3):297-304, September 1, 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396001440>. [Har95]
- Hamdan:1998:AAE**
- [Ham98a] M. H. Hamdan. An alternative approach to exact solutions of a special class of Navier-Stokes flows. *Applied Mathematics and Computation*, 93(1):83-90, July 1, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397100479>. [Har97]
- Hamdan:1998:NCU**
- [Ham98b] M. H. Hamdan. A note on computational uncertainty. *Applied Mathematics and Computation*, 94(2-3):285-291, August 15, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397100881>. [HAST98]
- Han:1998:PCM**
- [Han98] Qiaoming Han. Projection and contraction methods for semidefinite programming. *Applied Mathematics and Computation*, 95(2-3):275-289, September 15, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397101138>. **Hartfiel:1995:IMS**
- D. J. Hartfiel. Indeterminate Markov systems. *Applied Mathematics and Computation*, 72(1):51-59, September 15, 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300394001754>. **Hartfiel:1997:SBQ**
- D. J. Hartfiel. System behavior in quotient systems. *Applied Mathematics and Computation*, 81(1):31-48, January 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395003002>. **Honma:1998:AEH**
- Noriyasu Honma, Kenichi Abe, Mitsuo Sato, and Hiroshi Takeda. Adaptive evolution of holon networks by an autonomous decentralized method. *Applied Mathematics and Computation*, 91(1):43-61, April 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039710008X>.

Hraba:1996:UMM

- [HD96] Tomáš Hraba and Jaroslav Doležal. Use of mathematical model for effectivity estimation of HIV infection therapies. *Applied Mathematics and Computation*, 78(2-3):153–161, September 1, 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396000057>.

He:1996:DDM

- [He96] Qiming He. Domain decomposition method for nonlinear generalized Schrödinger-type systems: Semi-discrete problem. *Applied Mathematics and Computation*, 77(1):33–52, June 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039500159X>.

He:1998:LCG

- [He98] Jiaying He. On the linear combination of Grünwald polynomial operator. *Applied Mathematics and Computation*, 96(2-3):117–126, November 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397101345>.

Hamdan:1995:SPF

- [HF95] M. H. Hamdan and R. A. Ford. Single-phase flow through porous channels part II: Flow models, critical length, and viscous separation. *Applied Mathematics and Computation*, 69(2-3):241–254, May 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039400132N>.

Hamdan:1998:NSG

- [HFR98] M. H. Hamdan, R. A. Ford, and R. Abu Rabia. Numerical simulation of gas-particulate flow through curvilinear porous channels. *Applied Mathematics and Computation*, 94(2-3):267–284, August 15, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397100947>.

He:1999:PBV

- [HG99] Zhimin He and Weigao Ge. Periodic boundary value problem for first order impulsive delay differential equations. *Applied Mathematics and Computation*, 104(1):51–63, September 1, 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398100590>.

- [HH96a] **Hu:1996:SSC**
Guang-Di Hu and Guang-Da Hu. Some simple criteria for stability of neutral delay-differential systems. *Applied Mathematics and Computation*, 80(2-3):257-271, December 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395003010>.
- [HH96b] **Hu:1996:SDD**
Guang-Di Hu and Guang-Da Hu. Stability of discrete-delay systems: Boundary criteria. *Applied Mathematics and Computation*, 80(2-3):95-104, December 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395002820>.
- [HH97] **Hu:1997:SND**
Guang-Da Hu and Guang-Di Hu. Stability of neutral delay-differential systems: Boundary criteria. *Applied Mathematics and Computation*, 87(2-3):247-259, December 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396003001>.
- [HH99] **Hickernell:1999:RBF**
Fred J. Hickernell and Y. C. Hon. Radial basis function approximations as smoothing splines. *Applied Mathematics and Computation*, 102(1):1-24, July 1, 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398100127>.
- [HHT98] **Hartung:1998:PIC**
Ferenc Hartung, Terry L. Herdman, and Janos Turi. Parameter identification in classes of hereditary systems of neutral type. *Applied Mathematics and Computation*, 89(1-3):147-160, January/February 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397816542>.
- [HHZ97] **Huang:1997:ENS**
Hongci Huang, Weimin Han, and Jinshi Zhou. Extrapolation of numerical solutions for elliptic problems on corner domains. *Applied Mathematics and Computation*, 83(1):53-67, April 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039600046X>.
- [HI97] **Hohl:1997:MPS**
Jean-Christophe Hohl and ICM. Massively parallel search for linear factors in polynomials

- with many variables. *Applied Mathematics and Computation*, 85(2–3):227–243, September 1, 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396001385>.
- [HK96] Valerii I. Heymann and Arkadii V. Kryazhinskii. On finite-dimensional parametrizations of attainability sets. *Applied Mathematics and Computation*, 78(2–3):137–151, September 1, 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396000045>.
- [HKFP97] Keith W. Hipel, D. Marc Kilgour, Liping Fang, and Xiaoyong (John) Peng. The decision support system GMCR in environmental conflict management. *Applied Mathematics and Computation*, 83(2–3):117–152, May 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396001701>.
- [HKL98] John Hutchinson, Mark J. Kaiser, and Hamid M. Lankarani. The Head Injury Criterion (HIC) functional. *Applied Mathematics and Computation*, 96(1):1–16, October 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397101060>.
- [HMXZ97] Y. C. Hon, M. W. Lu, W. M. Xue, and Y. M. Zhu. Multiquadric method for the numerical solution of a biphasic mixture model. *Applied Mathematics and Computation*, 88(2–3):153–175, December 30, 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396003098>.
- [HM98] Y. C. Hon and X. Z. Mao. An efficient numerical scheme for Burgers’ equation. *Applied Mathematics and Computation*, 95(1):37–50, September 1, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397100601>.
- [HM99] Md. Akram Hossain and A. S. Miah. Crank–Nicolson–Galerkin model for transport in groundwater: Refined criteria for accuracy. *Applied Mathematics and Computation*, 96(1):1–16, October 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397101060>.

- tion, 105(2–3):173–181, November/December 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398101005>. ■
- [Hos99] Md. Akram Hossain. Modeling advective–dispersive transport with reaction: an accurate explicit finite difference model. *Applied Mathematics and Computation*, 102(2–3):101–108, July 15, 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039810036X>. ■
- [HRA98] Roy Hartfield, Steve Rose, and John Abbitt. Computational fluid imaging for iodine fluorescence in compressible flows. *Applied Mathematics and Computation*, 95(1):63–73, September 1, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039710090X>. ■
- [HS96] M. H. Hamdan and K. D. Sawalha. Dusty gas flow through porous media. *Applied Mathematics and Computation*, 75(1):59–73, March 1, 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395001042>. ■
- [HS98] **Hossain:1999:MAD**
- [HS99] **Hernandez:1999:ICC**
- [HSA97] **Hicks:1997:CSS**
- Hernandez:1998:CMC**
- M. A. Hernández and M. A. Salanova. Chebyshev method and convexity. *Applied Mathematics and Computation*, 95(1):51–62, September 1, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397100911>. ■
- M. A. Hernández and M. A. Salanova. Indices of convexity and concavity. Application to Halley method. *Applied Mathematics and Computation*, 103(1):27–49, August 1, 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398100474>. ■
- M. D. L. Hicks, J. W. Swegle, and S. W. Attaway. Conservative smoothing stabilizes discrete-numerical instabilities in SPH material dynamics computations. *Applied Mathematics and Computation*, 85(2–3):209–226, September 1, 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-

- 5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396001361>.
- [HT98] Bernd Hamann and Po-Yu Tsai. Decomposing trimmed surfaces using the Voronoï diagram and a scan line algorithm. *Applied Mathematics and Computation*, 89(1-3):327-344, January/February 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397816669>.
- [Hua99] Zhengda Huang. On the error estimates of several Newton-like methods. *Applied Mathematics and Computation*, 106(1):1-16, December 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398100851>.
- [HW98] Danfu Han and Xinghua Wang. Convergence on a deformed Newton method. *Applied Mathematics and Computation*, 94(1):65-72, August 1, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397100662>.
- [HY98] Md. Akram Hossain and David R. Yonge. Modeling contaminant transport in groundwater: an optimized finite element method. *Applied Mathematics and Computation*, 96(1):89-100, October 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039710128X>.
- [HY99a] Md. Akram Hossain and D. R. Yonge. Simulating advective-dispersive transport in groundwater: an accurate finite difference model. *Applied Mathematics and Computation*, 105(2-3):221-230, November/December 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398101054>.
- [HY99b] Md. Akram Hossain and David R. Yonge. Accuracy of the Taylor-Galerkin model for contaminant transport in groundwater. *Applied Mathematics and Computation*, 102(2-3):109-119, July 15, 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL

- <http://www.sciencedirect.com/science/article/pii/S0096300398100383>. [HZ96]
- [HY99c] Md. Akram Hossain and David R. Yonge. On Galerkin models for transport in groundwater. *Applied Mathematics and Computation*, 100(2-3):249-263, May 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398000253>. [HZ98]
- [HYL97] Philip Heilman, Diana S. Yakowitz, and Leonard J. Lane. Targeting farms to improve water quality. *Applied Mathematics and Computation*, 83(2-3):173-194, May 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396001683>.
- [HZ95] Y. Huang and N. G. Zamani. Design optimization via finite elements: an elementary account. *Applied Mathematics and Computation*, 69(2-3):275-298, May 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/009630039400135Q>.
- Huang:1996:OBD**
- Y. Huang and N. G. Zamani. Optimum beam design using finite elements. *Applied Mathematics and Computation*, 80(2-3):155-179, December 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/0096300395002855>.
- Huang:1998:FPR**
- Zhengda Huang and Shiming Zheng. On a family of parallel root-finding methods for generalized polynomials. *Applied Mathematics and Computation*, 91(2-3):221-231, May 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397100224>.
- Han:1997:WCG**
- B. Han, M. L. Zhang, and J. Q. Liu. A widely convergent generalized pulse-spectrum technique for the coefficient inverse problem of differential equations. *Applied Mathematics and Computation*, 81(2-3):97-112, February 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/0096300395003045>.
- Hossain:1999:GMT**
- Heilman:1997:TFI**
- Huang:1995:DOF**

- [Ibr96] **Ibrahim:1996:DSV** A-G. M. Ibrahim. On the differentiability of set-valued functions defined on a Banach space and mean value theorem. *Applied Mathematics and Computation*, 74(1):79–94, January 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039500095X>.
- [IFU98] **Iwakoshi:1998:FCS** Yasushi Iwakoshi, Takeshi Furuhashi, and Yoshiki Uchikawa. A Fuzzy Classifier System for evolutionary learning of robot behaviors. *Applied Mathematics and Computation*, 91(1):73–81, April 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397100066>.
- [IKP97] **Iannelli:1997:SMN** Mimmo Iannelli, Mi-Young Kim, and Eun-Jae Park. Splitting methods for the numerical approximation of some models of age-structured population dynamics and epidemiology. *Applied Mathematics and Computation*, 87(1):69–93, November 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396002226>.
- [IKU96] **Itiki:1996:ICP** Cinthia Itiki, Robert Kalaba, and Firdaus Udwadia. Inequality constraints in the process of jumping. *Applied Mathematics and Computation*, 78(2–3):163–173, September 1, 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396000069>.
- [IL95] **Ivanenko:1995:NMU** V. I. Ivanenko and V. A. Labkovsky. On the natural measure of uncertainty and information. *Applied Mathematics and Computation*, 70(2–3):185–190, July 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039400121J>.
- [Ino99] **Inohara:1999:CMR** Takehiro Inohara. On conditions for a meeting not to reach a recurrent argument. *Applied Mathematics and Computation*, 101(2–3):281–298, June 15, 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039810005X>.
- [IOAB95] **Ibidapo-Obe:1995:ACB** O. Ibidapo-Obe, A. B. Alonge,

- and Adedeji B. Badiru. On active controls for a biped mechanism. *Applied Mathematics and Computation*, 69(2–3):159–183, May 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039400090Q>.
- [ITN97] Takehiro Inohara, Shingo Takahashi, and Bunpei Nakano. Impossibility of deception in a conflict among subjects with interdependent preference. *Applied Mathematics and Computation*, 81(2–3):221–244, February 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396000185>.
- [ITN98a] Takehiro Inohara, Shingo Takahashi, and Bunpei Nakano. Complete stability and inside commonality of perceptions. *Applied Mathematics and Computation*, 90(1):11–25, March 1, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396003347>.
- [ITN98b] Takehiro Inohara, Shingo Takahashi, and Bunpei Nakano. On conditions for a meeting not to reach a deadlock. *Applied Mathematics and Computation*, 90(1):1–9, March 1, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396003335>.
- [JA99] Sophia R.-J. Jang and Linda J. S. Allen. A simple food chain with a growth inhibiting nutrient. *Applied Mathematics and Computation*, 104(2–3):277–298, September 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398100760>.
- [Jac95] Sheldon H. Jacobson. Analyzing the $M/M/1$ queue in frequency domain experiments. *Applied Mathematics and Computation*, 69(2–3):185–194, May 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039400125N>.
- [Jan95] F. Janssens. Exact mode shapes for a continuous tether. *Applied Mathematics and Computation*, 70(2–3):191–201, July 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-

Jang:1999:SFC

Inohara:1997:IDC

Jacobson:1995:AQF

Inohara:1998:CSI

Janssens:1995:EMS

Inohara:1998:CMR

- 5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039400120S>.
- Jayasuriya:1996:MAU**
- [Jay96] Kumara Jayasuriya. Multi-precision arithmetic using fast Hartley transforms. *Applied Mathematics and Computation*, 75(2-3):239-251, March 15, 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396900673>.
- Jimenez:1998:ESA**
- [JBV98] S. Jiménez, S. Bulgakov, and L. Vázquez. Efficient shooting algorithms for solving the nonlinear one-dimensional scalar Helmholtz equation. *Applied Mathematics and Computation*, 95(2-3):101-114, September 15, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397101266>.
- Jang:1997:ARS**
- [JC97a] Ming-Jyi Jang and Chieh-Li Chen. Analysis of the response of a strongly nonlinear damped system using a differential transformation technique. *Applied Mathematics and Computation*, 88(2-3):137-151, December 30, 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396003086>.
- Jonckheere:1997:BFT**
- [JC97b] Edmond A. Jonckheere and Chung-Kuang Chu. Bounded flatness in Q -triangulated regular N -simplexes. *Applied Mathematics and Computation*, 88(2-3):177-198, December 30, 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396003104>.
- Jonckheere:1998:SAC**
- [JCC98] Edmond A. Jonckheere, Chung-Kuang Chu, and Chih-Yung Cheng. Simplicial algorithms for computing stationary probabilities of stochastic matrices. *Applied Mathematics and Computation*, 93(2-3):207-217, July 15, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397100972>.
- Jenkins:1996:NAU**
- [JFW96] Rhonald M. Jenkins, Winfred A. Foster, Jr., and Lora S. Wirth. Numerical analysis of unsteady multiple jet plume interactions. *Applied Mathematics and Computation*, 79(2-3):239-247, October 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-

- 5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395002685>.
Jiaqi:1997:NBV
- [Jia97] Mo Jiaqi. The nonlocal boundary value problems of nonlinear elliptic systems in unbounded domains. *Applied Mathematics and Computation*, 86(2-3):115-121, October 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396001762>.
Jiaxing:1999:LCB
- [Jia99] He Jiaxing. On a linear combination of S. N. Bernstein trigonometric interpolation polynomial. *Applied Mathematics and Computation*, 106(2-3):197-203, December 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398101224>.
Jin:1995:FAB
- [Jin95] Xiao-Qing Jin. A fast algorithm for block Toeplitz systems with tensor structure. *Applied Mathematics and Computation*, 73(2-3):115-124, December 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300394002436>.
Jin:1997:NCC
- [Jin97] Xiao-Qing Jin. A note on construction of circulant preconditioners from kernels. *Applied Mathematics and Computation*, 83(1):3-12, April 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396003323>.
Janicki:1998:WOS
- [JK98] Ryszard Janicki and Waldemar W. Koczkodaj. A weak order solution to a group ranking and consistency-driven pairwise comparisons. *Applied Mathematics and Computation*, 94(2-3):227-241, August 15, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397100807>.
Jeong:1997:EMA
- [JL97] Il-Kwon Jeong and Ju-Jang Lee. Evolving multi-agents using a self-organizing genetic algorithm. *Applied Mathematics and Computation*, 88(2-3):293-303, December 30, 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396003372>.

Jukic:1998:DTN

- [JMS98] D. Jukić, T. Marošević, and R. Scitovski. Discrete total l_p -norm approximation problem for the exponential function. *Applied Mathematics and Computation*, 94(2–3):137–143, August 15, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397100686>.

Juang:1995:CRI

- [JN95] Jonq Juang and Paul Nelson. Convergence rates of iterative solutions of algebraic matrix Riccati equations. *Applied Mathematics and Computation*, 72(2–3):125–142, October 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300394001798>.

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/S009630039500060U>. See [NFJ94].

Jodar:1996:CSI

- [JNF96] L. Jódar, E. Navarro, and M. V. Ferrer. A correction on the stability of implicit higher order difference systems. *Applied Mathematics and Computation*, 74(2–3):299–304, February 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395002170>.

Jodar:1995:SOD

- [JPF95] Lucas Jódar, Enrique Ponsoda, and M. Legua Fernández. Second-order difference systems in unbounded domains: Existence conditions and construction of exact and approximate bounded solutions. *Applied Mathematics and Computation*, 71(2–3):271–287, September 1, 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039400158Z>.

Jayakumar:1995:CMS

- [JR95] J. Jayakumar and N. Ramanujam. A computational method for solving quasilinear singular perturbation problems. *Applied Mathematics and Computation*, 71(1):1–14, August 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039500060U>.

- com/science/article/pii/009630039400077H.
- [JS96] Dragan Jukić and Rudolf Scitovski. The existence of optimal parameters of the generalized logistic function. *Applied Mathematics and Computation*, 77(2-3):281-294, July 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395002510>.
- [JS98a] Xiao-Qing Jin and Vai-Kuong Sin. Addendum to “a note on construction of circulant preconditioners from kernels”. *Applied Mathematics and Computation*, 95(1):91-99, September 1, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397100753>.
- [JS98b] T. Jinzenji and M. Sasaki. An advanced simulation scheme for electric railway power systems based on artificial life approach. *Applied Mathematics and Computation*, 91(1):23-32, April 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397100121>.
- [JV98] Jiahui Jiang and A. S. Vatsala. The quasilinearization method in the system of reaction diffusion equations. *Applied Mathematics and Computation*, 97(2-3):223-235, December 15, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397101382>.
- [JY97] Sumedha Jayawardene and Shie-Shien Yang. On using linear ordered rank statistics for detecting early differences between two distributions. *Applied Mathematics and Computation*, 84(2-3):103-113, July 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396000811>.
- [KA95] Mohan K. Kadalbajoo and K. Arumugam. Boundary element method for elliptic differential equations with a small parameter. *Applied Mathematics and Computation*, 71(2-3):151-163, September 1, 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/009630039400151S>.

Kumar:1996:AHM

- [KA96a] Kuldeep Kumar and M. A. Al-saleh. Application of Hankel matrices in polynomial regression. *Applied Mathematics and Computation*, 77(2-3):205-211, July 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395002154>.

Kumar:1996:CSE

- [KA96b] Kuldeep Kumar and M. A. Al-saleh. A comparative study for the estimation of parameters in nonlinear models. *Applied Mathematics and Computation*, 77(2-3):179-183, July 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395002111>.

Kananthai:1997:SDD

- [Kan97] A. Kananthai. On the solutions of the n -dimensional diamond operator. *Applied Mathematics and Computation*, 88(1):27-37, December 15, 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396003037>.

Kananthai:1999:FTD

- [Kan99] Amnuay Kananthai. On the Fourier transform of the

Diamond Kernel of Marcel Riesz. *Applied Mathematics and Computation*, 101(2-3):151-158, June 15, 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398100012>.

Karsai:1998:ABV

- [Kar98] János Karsai. Asymptotic behavior and its visualization of the solutions of intermittently and impulsively damped nonlinear oscillator equations. *Applied Mathematics and Computation*, 89(1-3):161-172, January/February 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397816554>.

Kazantsev:1999:LLE

- [Kaz99] E. Kazantsev. Local Lyapunov exponents of the quasi-geostrophic ocean dynamics. *Applied Mathematics and Computation*, 104(2-3):217-257, September 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398100784>.

Khan:1998:PIE

- [KB98] Shahjahan Khan and M. I. Bhatti. Predictive inference

- on equicorrelated linear regression models. *Applied Mathematics and Computation*, 95 (2–3):205–217, September 15, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039710100X>. [KD95a]
- [KBÖ99] S. Kutluay, A. R. Bahadır, and A. Özdeş. A variety of finite difference methods to the thermistor with a new modified electrical conductivity. *Applied Mathematics and Computation*, 106(2–3):205–213, December 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398101236>. [KD95b]
- [KBS96] C. P. Katti, S. N. Baboo, and S. Sivaloganathan. On the convergence of finite difference methods for a class of two-point boundary value problems with periodic boundary conditions. *Applied Mathematics and Computation*, 75(2–3):287–302, March 15, 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396900739>. [KH95]
- Keshavamurthy:1995:EWSa**
Ramdass Keshavamurthy and Marijan Dravinski. Elastic wave scattering by an inclusion in a multilayered medium submerged in fluid. I. Plane strain model. *Applied Mathematics and Computation*, 67 (1–3):33–60, January/February 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300394000537>.
- Keshavamurthy:1995:EWSb**
Ramdass Keshavamurthy and Marijan Dravinski. Elastic wave scattering by an inclusion in a multilayered medium submerged in fluid. II. Three-dimensional model. *Applied Mathematics and Computation*, 67(1–3):265–292, January/February 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300394000618>.
- Kozak:1995:SRS**
Š. Kozák and J. Hejdiš. Simple, robust, selftuning controller. *Applied Mathematics and Computation*, 70(2–3):203–214, July 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300394001190>.
- Kutluay:1999:VFD**
- Katti:1996:CFD**

Kamel:1996:ATF

- [KH96] M. T. Kamel and M. H. Hamdan. Aspects of thin-film polar fluid lubrication. *Applied Mathematics and Computation*, 80(1):33–41, November 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395002782>.

Khan:1996:RBP

- [Kha96] Shahjahan Khan. Regression-based prediction for two-stage survey data with correlated normal errors. *Applied Mathematics and Computation*, 79(2–3):105–124, October 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395002456>.

Khuri:1998:BCA

- [Khu98a] S. A. Khuri. Biorthogonality condition for axisymmetric Stokes flow in a toroidal region. *Applied Mathematics and Computation*, 97(2–3):255–259, December 15, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397101497>.

Khuri:1998:NAC

- [Khu98b] S. A. Khuri. A new approach

to the cubic Schrödinger equation: an application of the decomposition technique. *Applied Mathematics and Computation*, 97(2–3):251–254, December 15, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397101473>.

Khuri:1998:SIE

- [Khu98c] S. A. Khuri. On the solution of an integral equation arising in water waves theory. *Applied Mathematics and Computation*, 95(2–3):291–295, September 15, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397100248>.

Kim:1996:ESS

- [Kim96] Mi-Young Kim. Existence of steady state solutions to an epidemic model with screening and their asymptotic stability. *Applied Mathematics and Computation*, 74(1):37–58, January 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395000712>.

Kincanon:1997:AAR

- [Kin97] Eric Kincanon. Ambiguities and almost reflectionless potentials. *Applied Mathematics and Computation*, 83

- (1):79–85, April 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396000483>. ■
- [Kje99] **Kjellstrom:1999:EB** Gregor Kjellström. The evolution in the brain. *Applied Mathematics and Computation*, 98(2–3):293–300, February 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397101564>.
- [KK95] **Kagiwada:1995:FEF** Harriet H. Kagiwada and Robert E. Kalaba. Fuzzy evidential filter for detection and tracking of dim objects. *Applied Mathematics and Computation*, 69(1):75–96, April 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039400100I>.
- [KKH95] **Kawamata:1995:SDT** Masayuki Kawamata, Eiichiro Kawakami, and Tatsuo Higuchi. Separable-denominator two-dimensional adaptive filters with application to noise reduction in images. *Applied Mathematics and Computation*, 69(1):111–122, April 1995. CODEN AMHCBQ.
- [KKL99] **Kwak:1999:MAC** Do Y. Kwak, Hyun J. Kwon, and Sungyun Lee. Multigrid algorithm for cell centered finite difference on triangular meshes. *Applied Mathematics and Computation*, 105(1):77–85, October 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398100942>.
- [KKPL96] **Kappeller:1996:OEM** M. Kappeller, M. Kiehl, M. Perzl, and M. Lenke. Optimized extrapolation methods for parallel solution of IVPs on different computer architectures. *Applied Mathematics and Computation*, 77(2–3):301–315, July 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395002197>.
- [KL99a] **Kang:1999:NIT** Kab Seok Kang and Sung Yun Lee. New intergrid transfer operator in multigrid method for P_1 -nonconforming finite element method. *Applied Mathematics and Computation*, 100(2–3):139–149, May 1999. CODEN AMHCBQ.

ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398000332>.

Kim:1999:PGS

[KL99b]

Taegil Kim and Chang-Ock Lee. A parallel Gauss-Seidel method using NR data flow ordering. *Applied Mathematics and Computation*, 99(2-3):209–220, March 15, 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398000083>.

Kalachev:1995:OSS

[KM95]

L. V. Kalachev and R. M. M. Mattheij. On optimally scaled systems for second-order scalar singularly perturbed problems. *Applied Mathematics and Computation*, 68(1):71–93, March 1, 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039400091H>.

Kolowrocki:1995:ARF

[Kol95]

Krzysztof Kolowrocki. Asymptotic reliability functions of some nonhomogeneous series-parallel and parallel-series systems. *Applied Mathematics and Computation*, 73(2-3):133–151, December 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-

5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300394002452>.

Koreas:1997:NCC

[Kor97]

Diamantis P. Koreas. The NP-completeness of chromatic index in triangle free graphs with maximum vertex of degree 3. *Applied Mathematics and Computation*, 83(1):13–17, April 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396000215>.

Kozera:1995:CIU

[Koz95]

Ryszard Kozera. On complete integrals and uniqueness in shape from shading. *Applied Mathematics and Computation*, 73(1):1–37, November 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039400127P>.

Kreuzer:1996:CPR

[KP96]

Edwin Kreuzer and Fernando C. Pinto. Controlling the position of a remotely operated underwater vehicle. *Applied Mathematics and Computation*, 78(2-3):175–185, September 1, 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396000215>.

com/science/article/pii/
0096300396000070.

Kim:1998:CFE

[KP98]

Mi-Young Kim and Eun-Jae Park. Characteristic finite element methods for diffusion epidemic models with age-structured populations. *Applied Mathematics and Computation*, 97(1):55–70, December 1, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397101643>.

Kadalbajoo:1995:AGE

[KR95a]

Mohan K. Kadalbajoo and A. Appaji Rao. The Alternating Group Explicit (AGE) method for singularly perturbed boundary value problems. *Applied Mathematics and Computation*, 68(2–3):125–142, March 15, 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039400087K>.

Kaye:1995:SBF

[KR95b]

M. Kaye and D. Reuster. Subdomain basis functions from entire domain basis functions for a certain class of problems. *Applied Mathematics and Computation*, 72(2–3):167–173, October 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395002847>.

com/science/article/pii/
0096300394001813.

Kuhn:1995:CVM

[KSZ⁺95]

A. Kuhn, W. Steiner, J. Zemann, D. Dinevski, and H. Troger. A comparison of various mathematical formulations and numerical solution methods for the large amplitude oscillations of a string pendulum. *Applied Mathematics and Computation*, 67(1–3):227–264, January/February 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039400060H>.

Kamont:1996:DDI

[KTZK96]

Z. Kamont, J. Turo, and B. Zubik-Kowal. Differential and difference inequalities generated by mixed problems for hyperbolic functional differential equations with impulses. *Applied Mathematics and Computation*, 80(2–3):127–154, December 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395002847>.

Kubica:1997:EAC

[Kub97]

Krystian Kubica. The effect of amphiphilic counterions on the gel-fluid phase transition of the lipid bilayer. *Applied Mathematics and Computation*, 80(2–3):127–154, December 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395002847>.

- tion, 87(2-3):261-270, December 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396003013>.
- [Kum95] Ravi Kumar. Effects of time delays on the stability of collocated and noncollocated point control of discrete dynamic structural systems. *Applied Mathematics and Computation*, 70(2-3):215-232, July 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039400107F>.
- [KUO95] Y. Kawata, S. Ueno, and A. Ohtani. The surface albedo retrieval of mountainous forest area from satellite MSS data. *Applied Mathematics and Computation*, 69(1):41-59, April 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300394000980>.
- [Kur99] Dorota Kurowicka. Domains of attraction of asymptotic reliability functions of some homogeneous series-parallel systems. *Applied Mathematics and Computation*, 98(1):61-74, January 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397101321>.
- [KUX95] Robert Kalaba, Firdaus Udwadia, and Rong Xu. Constrained motion revisited. *Applied Mathematics and Computation*, 70(1):67-76, June 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039400143R>.
- [KVT98] Shyam L. Kalla, N. Virchenko, and V. Tsarenko. On some fractional order integral transforms generated by orthogonal polynomials. *Applied Mathematics and Computation*, 91(2-3):209-219, May 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397100194>.
- [KW96] S. A. Khuri and A. M. Wazwaz. The solution of a partial differential equation arising in fluid flow theory. *Applied Mathematics and Computation*, 77(2-3):295-300, July 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-

- 5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039500193X>. [KWS95]
- Khuri:1997:SPD**
- [KW97] S. A. Khuri and A. M. Wazwaz. On the solution of a partial differential equation arising in Stokes flow. *Applied Mathematics and Computation*, 85(2–3):139–147, September 1, 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396001312>. [Lam98]
- Kwak:1996:CAM**
- [Kwa96] Do Y. Kwak. A p -cycle analysis of multigrid method. *Applied Mathematics and Computation*, 76(1):41–48, April 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395001484>. [Lam99]
- Kwak:1997:PGM**
- [Kwa97] Do Y. Kwak. A preconditioned GMRES method. *Applied Mathematics and Computation*, 85(2–3):201–208, September 1, 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039600135X>. [Lar97]
- Kang:1995:FSP**
- Long-Chyuan Kang, Cheng-Hsiu Wu, and Charles R. Steele. Fourier series for polygonal plate bending: a very large plate element. *Applied Mathematics and Computation*, 67(1–3):197–225, January/February 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039400059D>.
- Lam:1998:LDC**
- S. H. Lam. On Lagrangian dynamics and its control formulations. *Applied Mathematics and Computation*, 91(2–3):259–284, May 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397100042>.
- Lameche:1999:ISA**
- Khira Lameche. Inverse for the shuffle for algebraic series. *Applied Mathematics and Computation*, 98(1):1–27, January 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397100595>.
- Larsen:1997:SCS**
- Jens Chr. Larsen. Stable chemical systems. *Applied Mathematics and Computation*

- tion, 81(2-3):245-257, February 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396000203>. Lybeck:1996:SMD
- [LB96] Nancy J. Lybeck and Kenneth L. Bowers. Sinc methods for domain decomposition. *Applied Mathematics and Computation*, 75(1):13-41, March 1, 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395000992>. Li:1997:PIF
- [LC97] Likang Li and Jinru Chen. Preconditioning isoparametric finite element methods taking into account numerical integration. *Applied Mathematics and Computation*, 87(2-3):271-288, December 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396003025>. Le:1998:SGB
- [Le98] Vy Khoi Le. Some global bifurcation results for elastic plates. *Applied Mathematics and Computation*, 89(1-3):185-197, January/February 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397816578>. Lee:1998:CMF
- [Lee98] Chang-Ock Lee. A conforming mixed finite element method for the pure traction problem of linear elasticity. *Applied Mathematics and Computation*, 93(1):11-29, July 1, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039710073X>. Leitmann:1995:OAC
- [Lei95] G. Leitmann. One approach to the control of uncertain dynamical systems. *Applied Mathematics and Computation*, 70(2-3):261-272, July 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039400118N>. Lether:1997:CNM
- [Let97] Frank G. Lether. Constrained near-minimax rational approximations to Dawson's integral. *Applied Mathematics and Computation*, 88(2-3):267-274, December 30, 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039710073X>.

com/science/article/pii/S009630039600330X.

Liu:1999:HON

- [LF99] Xinzhi Liu and Xilin Fu. High order nonlinear differential inequalities with distributed deviating arguments and applications. *Applied Mathematics and Computation*, 98(2-3):147-167, February 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397101370>.

Lee:1995:PEN

- [LFS95] F. C. Lee, H. Flashner, and M. G. Safonov. Positivity embedding for noncolocated and nonsquare flexible systems. *Applied Mathematics and Computation*, 70(2-3):233-246, July 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039400108G>.

Liu:1997:MCP

- [LG97] Pingzhou Liu and K. Gopalsamy. On a model of competition in periodic environments. *Applied Mathematics and Computation*, 82(2-3):207-238, March 15, 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396002287>.

com/science/article/pii/S0096300396000446.

Liu:1999:GSC

- [LG99] Pingzhou Liu and K. Gopalsamy. Global stability and chaos in a population model with piecewise constant arguments. *Applied Mathematics and Computation*, 101(1):63-88, June 1, 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039800037X>.

Li:1998:SAR

- [Li98] Xin Li. On simultaneous approximations by radial basis function neural networks. *Applied Mathematics and Computation*, 95(1):75-89, September 1, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397100893>.

Liao:1997:SEA

- [Lia97] Aiping Liao. Some efficient algorithms for unconstrained discrete-time optimal control problems. *Applied Mathematics and Computation*, 87(2-3):175-198, December 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396002287>.

Liaw:1998:ACM

- [Lia98] Der-Cherng Liaw. Application of center manifold reduction to nonlinear system stabilization. *Applied Mathematics and Computation*, 91(2–3):243–258, May 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397100212>. [LK95]

Lin:1996:ECO

- [Lin96] Cheng-Chang Lin. An existence condition for open set nonlinear complementarity problems with an application to a closed economic system. *Applied Mathematics and Computation*, 76(2–3):285–292, May 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395001859>. [LL95]

Lin:1998:FEM

- [Lin98] Tao Lin. A C^0 finite element method for an inverse problem. *Applied Mathematics and Computation*, 90(2–3):253–284, March 15, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397004013>. [LL96]

Liu:1995:ICO

- [Liu95] Xinzhi Liu. Impulsive con-

trol and optimization. *Applied Mathematics and Computation*, 73(1):77–98, November 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039400204H>.

Lubarda:1995:CSR

V. A. Lubarda and D. Krajcinovic. Constitutive structure of rate theory of damage in brittle elastic solids. *Applied Mathematics and Computation*, 67(1–3):81–101, January/February 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300394000559>.

Layton:1995:TLP

W. Layton and W. Lenferink. Two-level Picard and modified Picard methods for the Navier–Stokes equations. *Applied Mathematics and Computation*, 69(2–3):263–274, May 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039400134P>.

Liao:1996:RIS

Xiao-Xin Liao and Jia Li. Robust interval stability, persistence, and partial stability on Lotka–Volterra systems with time-delay. *Ap-*

- plied Mathematics and Computation*, 75(2–3):103–115, March 15, 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396900491>.
Lin:1997:MNC [LM98]
- [LLL97] R. Lin, G. Leng, and H. P. Lee. A method for the numerical computation of Hopf bifurcation. *Applied Mathematics and Computation*, 86(2–3): 137–156, October 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396001786>.
Luo:1996:RTC [LMSS97]
- [LLX96] Fa-Long Luo, Yan-Da Li, and Hong-Qinq Xu. Real-time computation of the eigenvectors of a class of positive definite matrices. *Applied Mathematics and Computation*, 77(2–3):267–280, July 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395002200>.
Lee:1995:VIE [LO99]
- [LM95] Jungki Lee and Ajit K. Mal. A volume integral equation technique for multiple scattering problems in elastodynamics. *Applied Mathematics and Computation*, 67(1–3):135–159, January/February 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039400057B>.
Lopez:1998:NMI
- David J. López and Pablo Martín. A numerical method for the integration of perturbed linear problems. *Applied Mathematics and Computation*, 96(1):65–73, October 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397101217>.
Lakshmikantham:1997:SLP
- V. Lakshmikantham, A. K. Maulloo, S. K. Sen, and S. Sundaram. Solving linear programming problems exactly. *Applied Mathematics and Computation*, 81(1):69–87, January 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395003096>.
Lee:1999:RPS
- K. H. Lee and E. H. Ong. A reduction principle for singular perturbation problems. *Applied Mathematics and Computation*, 101(1):45–62, June 1, 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL

- <http://www.sciencedirect.com/science/article/pii/S0096300398000423>. [LS97]
- Linzhang:1997:MSF**
- [LP97] Lu Linzhang and C. E. M. Pearce. On the matrix-sign-function method for solving algebraic Riccati equations. *Applied Mathematics and Computation*, 86(2–3):157–170, October 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396001798>. [LS98a]
- Leitmann:1995:CSB**
- [LR95] G. Leitmann and E. Reithmeier. A control scheme based on ER-materials for vibration attenuation of dynamical systems. *Applied Mathematics and Computation*, 70(2–3):247–259, July 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039400109H>.
- Ladde:1995:SAH**
- [LS95] G. S. Ladde and S. Sathanathan. Stability analysis of hereditary iterative processes. *Applied Mathematics and Computation*, 73(1):39–54, November 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039400202F>. [LS98b]
- Lin:1997:TK**
- Li Jian Lin and H. M. Srivastava. On a theorem of Kobori. *Applied Mathematics and Computation*, 85(2–3):287–296, September 1, 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396001439>.
- Liu:1998:GCT**
- Jinglian J. Liu and Bharat K. Soni. 2D groundwater contaminant transport modeling by using the finite volume method on an unstructured grid system. *Applied Mathematics and Computation*, 89(1–3):199–211, January/February 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039781658X>.
- Lu:1998:NSR**
- Xiaowu Lu and Rudolf Schmid. A numerical study of the Riemann solutions for gas-dynamic combustion. *Applied Mathematics and Computation*, 91(2–3):143–160, May 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397100157>.

Li:1999:ERS

- [LS99] Weiye Li and Ferenc Szidarovszky. An elementary result in the stability theory of time-invariant nonlinear discrete dynamical systems. *Applied Mathematics and Computation*, 102(1):35–49, July 1, 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398100139>.

Lehtokangas:1996:NAP

- [LSKH96] Mikko Lehtokangas, Jukka Saarinen, Kimmo Kaski, and Pentti Huuhtanen. A network of autoregressive processing units for time series modeling. *Applied Mathematics and Computation*, 75(2–3):151–165, March 15, 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396900570>.

Lin:1998:DNT

- [LSY98] C. Lin, F. Szidarovszky, and J. Yen. Dynamic negotiation with time-varying Pareto frontier. *Applied Mathematics and Computation*, 91(2–3):99–109, May 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397100017>.

Lu:1998:CIM

- [Lu98] Xin Lu. Combined iterative methods for numerical solutions of parabolic problems with time delays. *Applied Mathematics and Computation*, 89(1–3):213–224, January/February 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397816591>.

Lui:1999:MBS

- [Lui99] S. H. Lui. Multiple bifurcation from “simple” eigenvalues. *Applied Mathematics and Computation*, 100(2–3):111–130, May 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398000162>.

Luo:1997:RTC

- [LUL97] Fa-Long Luo, Rolf Unbehauen, and Yan-Da Li. Real-time computation of singular vectors. *Applied Mathematics and Computation*, 86(2–3):197–214, October 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396001828>.

Layton:1998:NTL

- [LY98] W. Layton and X. Ye. Non-conforming two-level discretization of stream function form

- of the Navier–Stokes equations. *Applied Mathematics and Computation*, 89(1–3):173–183, January/February 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397816566>.
- [LYF97] Zhenghua Lin, Bo Yu, and Guochen Feng. A combined homotopy interior point method for convex nonlinear programming. *Applied Mathematics and Computation*, 84(2–3):193–211, July 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396000860>.
- [LZ96] J. David Logan and Vitaly Zlotnik. Time-periodic transport in heterogeneous porous media. *Applied Mathematics and Computation*, 75(2–3):119–138, March 15, 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396900533>.
- [MA95] G. I. Marchuk and V. I. Agoshkov. Reflection operators and contemporary applications to radiative transfer. *Applied Mathematics and Computation*, 69(1):3–21, April 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039400149X>.
- [MAS95] Clyde F. Martin, Linda J. S. Allen, and Mark Stamp. Urn model simulations of a sexually transmitted disease epidemic. *Applied Mathematics and Computation*, 71(2–3):179–199, September 1, 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039400153U>.
- [MBCvdV95] S. F. Masri, G. A. Bekey, T. K. Caughey, and E. van de Velde. Adaptive stochastic optimization using multiprocessors. *Applied Mathematics and Computation*, 69(2–3):313–333, May 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039400140Y>.

Lin:1997:CHI

Martin:1995:UMS

Logan:1996:TPT

Moss:1995:DIV

Marchuk:1995:ROC

Masri:1995:ASO

- tion, 72(2–3):225–257, October 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300394001868>.
- Matyasovszky:1995:IGC**
- [MBG95] Istvan Matyasovszky, Istvan Bogardi, and Jacques Ganoulis. Impact of global climate change on temperature and precipitation in Greece. *Applied Mathematics and Computation*, 71(2–3):119–150, September 1, 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039400148W>.
- Monaco:1997:NSB**
- [MBS97] R. Monaco, M. Pandolfi Bianchi, and A. J. Soares. Numerical simulations of a Boltzmann model for reacting gases. *Applied Mathematics and Computation*, 85(1):61–85, August 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396001130>.
- Mueller:1998:CMM**
- [MBS98] K. M. Mueller, S. A. Burns, and M. A. Savageau. A comparison of the monomial method and the S -system method for solving systems of algebraic equations. *Applied Mathematics and Computation*, 90(2–3):167–180, March 15, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397003974>.
- McGough:1998:NCG**
- [McG98] Jeff S. McGough. Numerical continuation and the Gelfand problem. *Applied Mathematics and Computation*, 89(1–3):225–239, January/February 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397816608>.
- Malik:1998:VAC**
- [MD98] Moinuddin Malik and Hao Huy Dang. Vibration analysis of continuous systems by differential transformation. *Applied Mathematics and Computation*, 96(1):17–26, October 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397100765>.
- Martin:1999:INI**
- [MF99] Pablo Martin and José-Miguel Farto. Improved numerical integration of perturbed oscillators via average. *Applied Mathematics and Computation*, 99(2–3):129–139, March 15, 1999. CODEN AMHCBQ.

ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397101813>.

Moskowitz:1997:PDB

- [MFGW97] Simon Moskowitz, Emmanuel Fernández-Gaucherand, and Michael Whalen. Passage-detector-based traffic queue estimation in Intelligent Transportation Systems: a computational study of competing algorithms. *Applied Mathematics and Computation*, 86(2-3):93-113, October 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396001750>. [Mit97]

Milito:1995:ADQ

- [Mil95] Rodolfo A. Milito. On arrival driven queueing models: Admission control, traffic policing, abandonments, and correlated arrivals. *Applied Mathematics and Computation*, 70(1):77-94, June 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039400144S>. [MLB99]

Miller:1998:OSP

- [Mil98] Robert E. Miller. Optimal sensor placement via Gaussian quadrature. *Applied Mathematics and Computation*, 97(1):71-97, December

1, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397101205>.

Mitra:1997:GFV

Arun K. Mitra. On a geometry of the flat violin boundary. *Applied Mathematics and Computation*, 81(2-3):201-206, February 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395003304>.

Mitra:1999:VA

Arun K. Mitra. The violin arcs. *Applied Mathematics and Computation*, 98(1):91-102, January 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397101394>.

Morlet:1999:CSO

Anne C. Morlet, Nancy J. Lybeck, and Kenneth L. Bowers. Convergence of the sinc overlapping domain decomposition method. *Applied Mathematics and Computation*, 98(2-3):209-227, February 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397101680>.

McDonough:1998:DFP

- [MMC98] J. M. McDonough, S. Mukerji, and S. Chung. A data-fitting procedure for chaotic time series. *Applied Mathematics and Computation*, 95(2-3):219-243, September 15, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397100625>.

Maier:1996:MLD

- [MMM96] Stefan Maier, Mario E. Magaña, Ronald Mohler, and Stephen Kaattari. Modified limiting dilution assay for cell systems. *Applied Mathematics and Computation*, 78(2-3):187-195, September 1, 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396000082>.

Mastrangelo:1999:NGD

- [MMT99] Michèle Mastrangelo, Victor Mastrangelo, and Jean-Marie Teuler. Non-Gaussian distributions. *Applied Mathematics and Computation*, 101(2-3):99-124, June 15, 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398100036>.

Matsuzuka:1999:PTS

- [MNK99] Isamu Matsuzuka, Koji Nagasawa, and Akihiro Kitahama. A proposal for two-sided Laplace transforms and its application to electronic circuits. *Applied Mathematics and Computation*, 100(1):1-11, April 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398000198>.

Mohr:1999:FEM

- [Moh99a] G. A. Mohr. Finite element modelling of distribution problems. *Applied Mathematics and Computation*, 105(1):69-76, October 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398100978>.

Mohr:1999:NPI

- [Moh99b] G. A. Mohr. Numerical procedures for input-output analysis. *Applied Mathematics and Computation*, 101(1):89-98, June 1, 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398000356>.

Mohr:1999:TSM

- [Moh99c] G. A. Mohr. Time stepping of macroeconomic models. *Ap-*

- plied Mathematics and Computation*, 102(2-3):273-278, July 15, 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398100449>.
- Miralles:1997:FGM**
- [MOP⁺97] Juan Peña Miralles, Pedro José Jiménez Olivo, Damián Gines-
tar Peiró, Gumersindo Verdú Martín, and JoséLuis Muñoz-Cobo González. A fast Galerkin method to obtain the periodic solutions of a nonlinear oscillator. *Applied Mathematics and Computation*, 86(2-3):261-282, October 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396001932>.
- Morhac:1995:ASH**
- [Mor95] M. Morhác. An algorithm to solve Hilbert systems of linear equations precisely. *Applied Mathematics and Computation*, 73(2-3):209-229, December 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395000615>.
- Morchalo:1998:SAN**
- [Mor98] Jarosław Morchalo. Stability analysis of nonlinear difference systems. *Applied Mathematics and Computation*, 95(1):27-36, September 1, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397100923>.
- Moustafa:1995:CGM**
- Magdi. S. Moustafa. The conjugate gradient method for queueing networks. *Applied Mathematics and Computation*, 71(2-3):289-294, September 1, 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300394001592>.
- Moustafa:1996:OAP**
- Magdi S. Moustafa. Optimal assignment policy of a single server attended by two queues. *Applied Mathematics and Computation*, 80(2-3):245-255, December 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395002987>.
- Michalland:1997:BOD**
- [MPD97] B. Michalland, E. Parent, and L. Duckstein. Bi-objective dynamic programming for trading off hydropower and irrigation. *Applied Mathematics and Computation*, 88(1):53-76, December

- 15, 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396003062>.
- Murty:1999:TPB**
- [MR99] K. N. Murty and C. V. Rao. Two-point boundary value problems associated with first order nonlinear difference system — Existence and uniqueness. *Applied Mathematics and Computation*, 100(2–3):177–188, May 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398000216>.
- Morera:1995:ANI**
- [MRJ95] J. L. Morera, G. Rubio, and L. Jódar. Accurate numerical integration of stiff differential Riccati equations. *Applied Mathematics and Computation*, 72(2–3):183–203, October 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300394001835>.
- Miller:1995:FRC**
- [MS95a] A. R. Miller and H. M. Srivastava. Further reducible cases of certain Kampé de Fériet functions associated with incomplete integrals of cylindrical functions. *Applied*
- Mathematics and Computation*, 68(2–3):199–216, March 15, 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039400094K>.
- Morrice:1995:AMS**
- [MS95b] Douglas J. Morrice and Mark Song. An approximation method for a single server queue with cyclically indexed arrival and service rates. *Applied Mathematics and Computation*, 71(2–3):247–269, September 1, 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039400157Y>.
- Moghadam:1997:MFA**
- [MS97] M. Mohseni Moghadam and R. Sabeti. Markov finite approximation of Frobenius–Perron operator with doubly-stochastic tridiagonal action matrix. *Applied Mathematics and Computation*, 85(2–3):265–280, September 1, 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396001403>.
- Malakooti:1999:GPD**
- [MS99] Behnam Malakooti and Sri-ram Subramanian. Generalized polynomial decompos-

able multiple attribute utility functions for ranking and rating multiple criteria discrete alternatives. *Applied Mathematics and Computation*, 106(1):69–102, December 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398101133>.

Montaldi:1996:HIC

[MSZ96]

E. Montaldi, H. M. Srivastava, and G. Zuccherli. Hypergeometric identities of Cayley and Orr types: Some alternative approaches. *Applied Mathematics and Computation*, 76(1):1–39, April 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039500145X>.

Muraskin:1996:ESN

[Mur96]

Murray Muraskin. Equations satisfied by a nine parameter subsystem obtained from mathematical aesthetic principles. *Applied Mathematics and Computation*, 80(1):63–72, November 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395002812>.

Muses:1997:DFA

[Mus97a]

C. Musès. The dimen-

sional family approach in (hyper)sphere packing: a topological study of new patterns, structures, and interdimensional functions. *Applied Mathematics and Computation*, 88(1):1–26, December 15, 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397000040>. See errata [Ano97i, Mus98].

Muses:1997:SPB

[Mus97b]

C. Musès. A sphere-packing breakthrough via dimensional families. *Applied Mathematics and Computation*, 83(1):1–2, April 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396003311>.

Muses:1998:EDF

[Mus98]

C. Musès. Erratum: “The dimensional family approach in (hyper)sphere packing: a topological study for new patterns, structures, and interdimensional functions”: *Appl. Math. Comput.* **88** (1997). *Applied Mathematics and Computation*, 97(2–3):295, December 15, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/>

- S0096300398000307. See [Mus97a, Ano97i].
- [MvL98] Th. Möllers and O. van Laak. On the global approximation and interpolation of locally described real valued functions. *Applied Mathematics and Computation*, 93(1):1–10, July 1, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397100522>.
- [MW96] C. F. Martin and D. I. Wallace. Quadrature schemes for a general family of functions. *Applied Mathematics and Computation*, 77(1):1–8, June 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395000690>.
- [MW98] Steven M. McKay and Cecilia L. Weingartner. Solution of the Sharpe–Lotka population model via a modified method of characteristics. *Applied Mathematics and Computation*, 91(2–3):161–177, May 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397100169>.
- [MZ98] [Mollers:1998:GAI] Behnam Malakooti and YingQing Zhou. Approximating polynomial functions by Feedforward Artificial Neural Networks: Capacity analysis and design. *Applied Mathematics and Computation*, 90(1):27–51, March 1, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396003384>.
- [MZV96] [Mohler:1996:NCA] Ronald R. Mohler, Radoslaw R. Zakrzewski, and Rajkumar Vedam. Nonlinear control algorithms and power system application. *Applied Mathematics and Computation*, 78(2–3):197–207, September 1, 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396000094>.
- [Nar99a] [Narayaninsamy:1999:FID] Tony Narayaninsamy. Fractional iterates for n -dimensional maps. *Applied Mathematics and Computation*, 98(2–3):261–278, February 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397101825>.

Narayaninsamy:1999:BB

- [Nar99b] Tony Narayaninsamy. On basin boundaries. *Applied Mathematics and Computation*, 99(2-3):261-274, March 15, 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397101849>.

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/S0096300394900981>. See erratum [JNF95].

He:1997:CSF

- [nHyG97] Song nian He and Ben yu Guo. Chebyshev spectral-finite element method for three-dimensional unsteady Navier-Stokes equation. *Applied Mathematics and Computation*, 82(2-3):97-127, March 15, 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396000239>.

Nedialkov:1999:VSI

- [NJC99] N. S. Nedialkov, K. R. Jackson, and G. F. Corliss. Validated solutions of initial value problems for ordinary differential equations. *Applied Mathematics and Computation*, 105(1):21-68, October 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398100838>.

Ng:1995:CPW

- [NLC95] Michael K. Ng, Fu-Rong Lin, and Raymond H. Chan. Construction of preconditioners for Wiener-Hopf equations by operator splitting. *Applied Mathematics and Computation*, 72(1):77-96, September 15, 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300394001787>.

Natesan:1998:CMS

- [NR98] S. Natesan and N. Ramanujam. A computational method for solving singularly perturbed turning point problems exhibiting twin boundary layers. *Applied Mathematics and Computation*, 93(2-3):259-275, July 15, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398100838>.

com/science/article/pii/S009630039710056X.

Natesan:1999:BMS

- [NR99a] S. Natesan and N. Ramanujam. A “Booster method” for singular perturbation problems arising in chemical reactor theory. *Applied Mathematics and Computation*, 100(1):27–48, April 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398000149>.

Natesan:1999:INS

- [NR99b] S. Natesan and N. Ramanujam. Improvement of numerical solution of selfadjoint singular perturbation problems by incorporation of asymptotic approximations. *Applied Mathematics and Computation*, 98(2–3):119–137, February 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397101679>.

Navarro:1996:FPS

- [NS96] Ramón Navarro and José Sarabia. Focal points and second-order linear differential equations. *Applied Mathematics and Computation*, 79(2–3):203–206, October 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039710056X>.

sciencedirect.com/science/article/pii/0096300395002669.

Nelson:1997:IET

- [NS97] Paul Nelson and Daniel L. Seth. Integrodifferential equations for the two-dimensional transition kernels of invariant imbedding. *Applied Mathematics and Computation*, 82(1):67–83, March 1, 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395003312>.

Obeyesekere:1997:MWU

- [OA97] Mandri Obeyesekere and Ronald M. Anderson. A model for water uptake in plants. *Applied Mathematics and Computation*, 84(2–3):163–191, July 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396000859>.

Ozelkan:1998:MOF

- [ÖGDB98] Ertunga C. Özelkan, Ágnes Galambosi, Lucien Duckstein, and András Bárdossy. A multi-objective fuzzy classification of large scale atmospheric circulation patterns for precipitation modeling. *Applied Mathematics and Computation*, 91(2–3):127–142, May 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039710056X>.

- <http://www.sciencedirect.com/science/article/pii/S0096300397100029>.
- [Ohm98] Katsushi Ohmori. Numerical solution of two-fluid flows using finite element method. *Applied Mathematics and Computation*, 92(2-3):125-133, June 15, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397100364>.
- [OM99] D. O'Regan and M. Mehan. Periodic and almost periodic solutions of integral equations. *Applied Mathematics and Computation*, 105(2-3):121-136, November/December 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398100954>.
- [OMN95] Oliver M. O'Reilly, Naresh K. Malhotra, and N. Sri Namachchivaya. Reversible dynamical systems: Dissipation-induced destabilization and follower forces. *Applied Mathematics and Computation*, 70(2-3):273-282, July 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039400117M>.
- [Ona97] E. S. Onah. On direct methods for the discretization of a heat-conduction equation using spline functions. *Applied Mathematics and Computation*, 85(1):87-96, August 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396001142>.
- [ONOT98] Masahiro Okamoto, Taisuke Nonaka, Shuichiro Ochiai, and Daisuke Tominaga. Nonlinear numerical optimization with use of a hybrid Genetic Algorithm incorporating the Modified Powell method. *Applied Mathematics and Computation*, 91(1):63-72, April 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397100078>.
- [OU99] S. E. Onah and O. O. Ugbebor. Solution of a two-dimensional stochastic investment problem. *Applied Mathematics and Computation*, 98(1):75-82, January 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397100078>.

- com/science/article/pii/S0096300397101552.
- [Pap95] Nikolaos S. Papageorgiou. Minimax control of nonlinear evolution equations. *Applied Mathematics and Computation*, 68(2-3):217-236, March 15, 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039400095L>.
- [Pap96] Nikos Papamarkos. Multirational function approximation via linear programming. *Applied Mathematics and Computation*, 75(1):75-89, March 1, 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395001190>.
- [Par95] J. A. Pardo. Some applications of the useful mutual information. *Applied Mathematics and Computation*, 72(1):33-50, September 15, 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039400162W>.
- [Pav95] R. Pavani. A numerical approximation of the rotation number. *Applied Mathematics and Computation*, 73(2-3):191-201, December 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300394002495>.
- [Pei95] Wang Peiguang. Iterative methods for the boundary value problem of a fourth-order differential-difference equation. *Applied Mathematics and Computation*, 73(2-3):257-270, December 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395000666>.
- [Pei96] Wang Peiguang. Boundary value problem of a third-order mixed type differential-difference equation. *Applied Mathematics and Computation*, 80(2-3):273-286, December 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395003037>.
- [Pei99] Wang Peiguang. Oscillatory

- criteria of nonlinear hyperbolic equations with continuous deviating arguments. *Applied Mathematics and Computation*, 106(2–3):163–169, December 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398101108>.
- Pervozvanski:1996:SAL**
- [Per96] A. Pervozvanski. On some algorithms of learning control. *Applied Mathematics and Computation*, 78(2–3):209–216, September 1, 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396000100>.
- Papageorgiou:1999:UER**
- [PF99] G. Papageorgiou and I. Th. Famelis. On using explicit Runge–Kutta–Nyström methods for the treatment of retarded differential equations with periodic solutions. *Applied Mathematics and Computation*, 102(1):63–76, July 1, 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398100206>.
- Peng:1999:COB**
- [PGHX99] Mingshu Peng, Weigao Ge, Li-hong Huang, and Qianli Xu. A correction on the oscillatory behavior of solutions of certain second order nonlinear differential equations. *Applied Mathematics and Computation*, 104(2–3):207–215, September 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398100735>.
- Pottmann:1995:RBF**
- [PJ95] Martin Pottmann and H. Peter Jörgl. Radial basis function networks for internal model control. *Applied Mathematics and Computation*, 70(2–3):283–298, July 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039400116L>.
- Primak:1998:MCV**
- [PK98] M. E. Primak and B. L. Kheifets. Methods of centers for variational inequalities and linear programming. *Applied Mathematics and Computation*, 96(2–3):273–293, November 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397101357>.
- Pitanguy:1996:DMA**
- [PLPW96] I. Pitanguy, F. Leta, D. Pamplona, and H. I. Weber. Defining and measuring aging pa-

- rameters. *Applied Mathematics and Computation*, 78 (2-3):217-227, September 1, 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396000161>.
- Prathapar:1997:SOH**
- [PMMA97] S. A. Prathapar, W. S. Meyer, J. C. Madden, and E. Alocilja. SWAGMAN Options: a hierarchical multicriteria framework to identify profitable land uses that minimize water table rise and salinization. *Applied Mathematics and Computation*, 83(2-3):217-240, May 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396001865>.
- Parhi:1997:GPA**
- [PN97a] S. Parhi and G. Nath. The growth of perturbations associated with the linear stability of inviscid fluid flows. *Applied Mathematics and Computation*, 81(1):23-30, January 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395002995>.
- Parton:1997:NPM**
- [PN97b] Kevin A. Parton and Ayut Nisapa. A nonlinear programming model for analyzing aquaculture policy decision making in southern Thailand. *Applied Mathematics and Computation*, 83(2-3):241-260, May 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396001877>.
- Primak:1996:PCP**
- [PS96] Mordukh E. Primak and Daniel B. Szyld. A projection cutting plane algorithm for convex programming problems. *Applied Mathematics and Computation*, 74(2-3):261-271, February 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395000976>.
- Primak:1997:SVI**
- [PZ97] M. E. Primak and A. Zeleke. Set variational inequalities. *Applied Mathematics and Computation*, 85(2-3):165-180, September 1, 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396001336>.
- Piccolomini:1999:CGR**
- [PZ99] Elena Loli Piccolomini and Fabiana Zama. The conjugate gradient regularization

- method in Computed Tomography problems. *Applied Mathematics and Computation*, 102(1):87–99, July 1, 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398100073>.
- [PZZy99] He Ping, Chen Zheng, and Lu Zhi-yong. Artificial neural networks model of share analysis specialist system. *Applied Mathematics and Computation*, 106(2–3):277–283, December 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398101297>.
- [QA98] Ruibin Qu and Ravi P. Agarwal. Improved error bounds for freezing solutions of linear boundary value problems. *Applied Mathematics and Computation*, 94(2–3):97–112, August 15, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397100674>.
- [QC98] J. Qiang and W. H. Choe. A combination of characteristics and Monte Carlo methods for etch profile simulation. *Applied Mathematics and Computation*, 91(2–3):179–195, May 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397100170>.
- [Raj97] K. Rajendran. Simulation of unsteady turbulent flows with the effect of fluctuating external velocity by using quasi-steady models. *Applied Mathematics and Computation*, 87(2–3):95–110, December 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396002214>.
- [RAL95] M. Razzaghi, A. Arabshahi, and S. D. Lin. Identification of nonlinear differential equations via Fourier series operational matrix for repeated integration. *Applied Mathematics and Computation*, 68(2–3):189–198, March 15, 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039400093J>.
- [RAL97] Mohsen Razzaghi, Abdollah Arabshahi, and Shin-Feng D. Lin. Analysis of linear dis-

- tributed parameter systems via double Fourier series. *Applied Mathematics and Computation*, 87(2-3):205-215, December 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396002846>.
- [Ram97a] J. I. Ramos. Linearization methods for reaction-diffusion equations: 1-D problems. *Applied Mathematics and Computation*, 88(2-3):199-224, December 30, 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396003281>.
- [Ram97b] J. I. Ramos. Linearization methods for reaction-diffusion equations: Multidimensional problems. *Applied Mathematics and Computation*, 88(2-3):225-254, December 30, 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039600327X>.
- [Ram98a] J. I. Ramos. Implicit, compact, linearized θ -methods with factorization for multidimensional reaction-diffusion equations. *Applied Mathematics and Computation*, 94(1):17-43, August 1, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397101035>.
- [Ram98b] J. I. Ramos. Maps of implicit, linearized θ -methods for the logistic differential equation. *Applied Mathematics and Computation*, 94(1):1-15, August 1, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397101187>.
- [Ram98c] J. I. Ramos. A piecewise time-linearized method for the logistic differential equation. *Applied Mathematics and Computation*, 93(2-3):139-148, July 15, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397100492>.
- [Ram98d] J. I. Ramos. Upstream boundary conditions for flows in porous channels. *Applied Mathematics and Computation*, 93(2-3):149-154, July 15, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL

- <http://www.sciencedirect.com/science/article/pii/S0096300397100637>.
- [Ram99a] J. I. Ramos. Asymptotic analysis of compound liquid jets at low Reynolds numbers. *Applied Mathematics and Computation*, 100(2–3):223–240, May 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398000228>.
- [Ram99b] J. I. Ramos. Linearized factorization techniques for multidimensional reaction — diffusion equations. *Applied Mathematics and Computation*, 100(2–3):201–222, May 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039800023X>.
- [Ram99c] J. I. Ramos. Linearized methods for ordinary differential equations. *Applied Mathematics and Computation*, 104(2–3):109–129, September 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398100565>.
- [Ram99d] J. I. Ramos. On diffusive methods and exponentially fitted techniques. *Applied Mathematics and Computation*, 103(1):69–96, August 1, 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398100401>.
- [RB95] David J. W. Ruxton and David J. Bell. Junction times in singular optimal control. *Applied Mathematics and Computation*, 70(2–3):143–154, July 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039400115K>.
- [RBPK96] Varadarajan Ravindran, Badri N. Badriyha, Massoud Pirbazari, and Sung-Hyun Kim. Modeling of bioactive carbon adsorbers: a hybrid weighted residual-finite difference numerical technique. *Applied Mathematics and Computation*, 76(2–3):99–131, May 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395001514>.

Rasulov:1999:ENM

- [RC99] Mahir Rasulov and Erhan Coskun. An efficient numerical method for solving the Korteweg–de Vries equation in a class of discontinuous functions. *Applied Mathematics and Computation*, 102(2–3):139–154, July 15, 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039810022X>.

Regan:1996:HWL

- [Reg96] Marian P. Regan. Half-wave linear rectification of a frequency modulated sinusoid. *Applied Mathematics and Computation*, 79(2–3):137–162, October 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395002499>.

Rivera-Gallego:1998:GAC

- [RG98] Wilson Rivera-Gallego. A genetic algorithm for circulant Euclidean distance matrices. *Applied Mathematics and Computation*, 97(2–3):197–208, December 15, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397101436>.

Ramos:1997:NFD

- [RGL97a] J. I. Ramos and C. M. García-López. Nonstandard finite difference equations for ODEs and 1-D PDEs based on piecewise linearization. *Applied Mathematics and Computation*, 86(1):11–36, September 15, 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396001464>.

Ramos:1997:PLM

- [RGL97b] J. I. Ramos and C. M. García-López. Piecewise-linearized methods for initial-value problems. *Applied Mathematics and Computation*, 82(2–3):273–302, March 15, 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396000409>.

Ramos:1998:IBC

- [RGL98] J. I. Ramos and C. M. García-López. Intermediate boundary conditions in operator-splitting techniques and linearization methods. *Applied Mathematics and Computation*, 94(2–3):113–136, August 15, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397100716>.

Rinaldi:1998:LDC

- [Rin98] Sergio Rinaldi. Love dynamics: the case of linear couples. *Applied Mathematics and Computation*, 95(2-3):181-192, September 15, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397100819>.

Reithmeier:1996:RCC

- [RL96] E. Reithmeier and G. Leitmann. Robust constrained control for vibration suppression of mismatched systems. *Applied Mathematics and Computation*, 78(2-3):245-257, September 1, 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396000124>.

Rolle:1998:MPP

- [Rol98] Jean-Daniel Rolle. A model for perturbed production or measurement processes involving compound normal distributions. *Applied Mathematics and Computation*, 96(1):75-88, October 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397100820>.

Ridgley:1997:MDS

- [RPT97] Mark A. Ridgley, David C. [RRB95]

Penn, and Liem Tran. Multicriterion decision support for a conflict over stream diversion and land-water reallocation in Hawaii. *Applied Mathematics and Computation*, 83(2-3):153-172, May 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396001695>.

Riganti:1998:SPT

- [RR98] R. Riganti and A. Rossani. Singular perturbation techniques in the study of a dynamical system arising from the kinetic theory of atoms and photons. *Applied Mathematics and Computation*, 96(1):47-63, October 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397101242>.

Ratschek:1999:ECS

- [RR99] Helmut Ratschek and Jon Rokne. Exact computation of the sign of a finite sum. *Applied Mathematics and Computation*, 99(2-3):99-127, March 15, 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398000101>.

Rodellar:1995:ACU

J. Rodellar, E. P. Ryan, and

A. H. Barbat. Adaptive control of uncertain coupled mechanical systems with application to base-isolated structures. *Applied Mathematics and Computation*, 70(2–3):299–314, July 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039400110P>.

Ryan:1996:USC

[Rya96]

E. P. Ryan. A universal servomechanism for a class of nonlinear planar systems. *Applied Mathematics and Computation*, 78(2–3):229–243, September 1, 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396000112>.

Shawagfeh:1996:NPA

[SA96]

N. T. Shawagfeh and G. Adomian. Non-perturbative analytical solution of the general Lotka–Volterra three-species system. *Applied Mathematics and Computation*, 76(2–3):251–266, May 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039500162X>.

Solomonovich:1997:DEM

[SAF⁺97]

M. Solomonovich, L. P. Apedaile, H. I. Freedman, A. H. Ge-

bremedihen, S. G. M. Schilizzi, and L. Belostotski. A dynamical economic model of sustainable agriculture and the ecosphere. *Applied Mathematics and Computation*, 84(2–3):221–246, July 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396000884>.

Saied:1996:SSF

[Sai96]

Effat A. Saied. On the similarity solutions for the Free Kramer equation. I. *Applied Mathematics and Computation*, 74(1):59–63, January 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395000887>.

Saied:1999:NCS

[Sai99]

Effat A. Saied. The non-classical solution of the inhomogeneous non-linear diffusion equation. *Applied Mathematics and Computation*, 98(2–3):103–108, February 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397101588>.

Soubeh:1996:CFR

[SAL96]

Mohammed Soubeh and Mhd. Jamal Al-Laban. Context-free relations and their character-

- istics. *Applied Mathematics and Computation*, 79(2–3):163–172, October 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395002529>.
Sasagawa:1995:CCF
- [Sas95a] T. Sasagawa. Constructions of C^∞ -class functions having specified asymptotic properties. *Applied Mathematics and Computation*, 73(2–3):125–132, December 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300394002444>.
Sasagawa:1995:IPA
- [Sas95b] T. Sasagawa. An infinite product arising from an elementary geometric problem and the estimate of its value. *Applied Mathematics and Computation*, 73(2–3):271–279, December 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395000674>.
Suleiman:1996:VCO
- [SBH96] Mohamed Bin Suleiman, Saiman Baok, and George Hall. Varying the componentwise order of the multistep methods in solving ODEs and its absolute stability. *Applied Mathematics and Computation*, 74(2–3):161–190, February 1996. CODEN AMHCBQ.
Su:1996:QED
- [SC96] Ching-Tzong Su and Feng Cheng Chang. Quick evaluation of determinants. *Applied Mathematics and Computation*, 75(2–3):117–118, March 15, 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S00963003960051X>.
Scitovski:1997:API
- [Sci97] Rudolf Scitovski. Analysis of a parameter identification problem. *Applied Mathematics and Computation*, 82(1):39–55, March 1, 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396000227>.
Sacco:1996:PAL
- [SEG96] Riccardo Sacco, Danilo Erricolo, and Emilio Gatti. A perturbation approach for low frequency noise in junction field effect transistors. *Applied Mathematics and Computation*, 74(2–3):161–190, February 1996. CODEN AMHCBQ.

- ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395000917>. [Sel95]
- Selvakumar:1995:CPS**
- K. Selvakumar. A computational procedure for solving a chemical flow reactor problem using shooting method. *Applied Mathematics and Computation*, 68(1):27–40, March 1, 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039400082F>. [She96]
- Sever:1999:CMH**
- [Sev99a] Ali Sever. A computational method for hyperbolic inverse problem. *Applied Mathematics and Computation*, 101(1):5–12, June 1, 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039800040X>. [SIA96]
- Sever:1999:UIB**
- [Sev99b] Ali Sever. On uniqueness for an inverse boundary value problem in electrical prospection. *Applied Mathematics and Computation*, 106(2–3):103–115, December 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398100772>. [Sha97]
- Shary:1997:CSS**
- Sergey P. Shary. Controllable solution set to interval static systems. *Applied Mathematics and Computation*, 86(2–3):185–196, October 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396001816>. [Shen:1996:NSD]
- J. H. Shen. The nonoscillatory solutions of delay differential equations with impulses. *Applied Mathematics and Computation*, 77(2–3):153–165, July 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395001980>. [Suleiman:1996:POD]
- Mohamed B. Suleiman, Fudziah Bt. Ismail, and Kamel Ariffin B. M. Atan. Partitioning ordinary differential equations using Runge–Kutta methods. *Applied Mathematics and Computation*, 79(2–3):289–309, October 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395002472>.

Simos:1997:MRK

- [Sim97] T. E. Simos. Modified Runge–Kutta methods for the numerical solution of ODEs with oscillating solutions. *Applied Mathematics and Computation*, 84(2–3):131–143, July 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396000835>. [SJ96]

Simos:1999:EEF

- [Sim99a] T. E. Simos. Explicit exponentially fitted methods for the numerical solution of the Schrödinger equation. *Applied Mathematics and Computation*, 98(2–3):185–198, February 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397101631>. [SK95]

Simos:1999:NFD

- [Sim99b] T. E. Simos. A new finite difference scheme with minimal phase-lag for the numerical solution of the Schrödinger equation. *Applied Mathematics and Computation*, 106(2–3):245–264, December 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398101273>. [SK96]

Scitovski:1996:MSP

Rudolf Scitovski and Dragan Jukić. A method for solving the parameter identification problem for ordinary differential equations of the second order. *Applied Mathematics and Computation*, 74(2–3):273–291, February 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395000984>.

Smokty:1995:AAS

O. I. Smokty and K. Y. Kondratyev. The analytical approximation of the spatial frequency filtration of radiation fields for the space spectrophotometry problems. *Applied Mathematics and Computation*, 69(1):23–39, April 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039400097N>.

Sivaloganathan:1996:NSD

S. Sivaloganathan and A. Karageorghis. Numerical solution of the 3-D buoyancy driven cavity problem by a pseudospectral method. *Applied Mathematics and Computation*, 75(1):43–58, March 1, 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL

- <http://www.sciencedirect.com/science/article/pii/S0096300395001026>.
- [SK98a] R. Sudarsan and S. Sathiya Keerthi. An efficient approach for the numerical simulation of multibody systems. *Applied Mathematics and Computation*, 92(2–3):195–218, June 15, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397100418>.
- [SK98b] R. Sudarsan and S. Sathiya Keerthi. Numerical approaches for solution of differential equations on manifolds. *Applied Mathematics and Computation*, 92(2–3):153–193, June 15, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397100650>.
- [SKB95] Ahmet Z. Şahin, Davut Kavranoglu, and Maamar Bettayeb. Model reduction in numerical heat transfer problems. *Applied Mathematics and Computation*, 69(2–3):209–225, May 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039400128Q>.
- [SKG97] Maithili Sharan, E. J. Kansa, and Suman Gupta. Application of the multiquadric method for numerical solution of elliptic partial differential equations. *Applied Mathematics and Computation*, 84(2–3):275–302, July 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396001099>.
- [SL96] Ferenc Szidarovszky and Chia-Hung Lin. The alternating offer bargaining method under uncertainty. *Applied Mathematics and Computation*, 76(2–3):133–141, May 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395001522>.
- [SL99] Fangyu Sun and Xiangfang Li. On an accelerating quasi-Newton circular iteration. *Applied Mathematics and Computation*, 106(1):17–29, December 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398100875>.

- [SM95] Zhizhang Shen and Christian M. Marston. A study of a dice problem. *Applied Mathematics and Computation*, 73(2–3):231–247, December 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395000623>.
- [Sol98] A. A. Soliman. Stability criteria of differential systems via Liapunov's second method. *Applied Mathematics and Computation*, 92(2–3):143–152, June 15, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397100455>.
- [SMY95] Ferenc Szidarovszky, Sándor Molnár, and Jerome Yen. On the price trajectory control of a discrete dynamic producer-consumer market. *Applied Mathematics and Computation*, 73(2–3):249–256, December 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395000631>.
- [SO95] Masanori Sugisaka and Takemasu Okada. Continuous-time Chandrasekhar smoothers in detection and tracking. *Applied Mathematics and Computation*, 69(1):123–136, April 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039400103B>.
- [Sol99a] A. A. Soliman. On σ -stability for nonlinear Volterra integrodifferential systems. *Applied Mathematics and Computation*, 100(1):71–83, April 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398000150>.
- [Sol99b] Francisco J. Solis. Dimension and local structures of attracting manifolds of smooth dynamical systems. *Applied Mathematics and Computation*, 100(2–3):169–175, May 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398000204>.
- [Son96] Yongzhong Song. Chaotic waveform relaxation methods

- for dynamical systems. *Applied Mathematics and Computation*, 78(1):83–100, August 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395002502>. [Sor97b]
- [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/S009630039490121X>. See erratum [Sor97a].
- [Sor96] J. M. Soriano. On the existence of zero points. *Applied Mathematics and Computation*, 79(1):99–104, September 15, 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395002464>. [SP95]
- [Sor97a] 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].
- Soriano:1997:NZM**
- J. M. Soriano. On the number of zeros of a mapping. *Applied Mathematics and Computation*, 88(2–3):287–291, December 30, 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396003360>.
- Soriano:1999:EZB**
- J. M. Soriano. Existence of zeros for bounded perturbations of proper mappings. *Applied Mathematics and Computation*, 99(2–3):255–259, March 15, 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397101837>.
- Szidarovszky:1995:IMD**
- Ferenc Szidarovszky and Olgierd Palusinski. An inverse method to determine parasitics of power interconnections in high speed electronics. *Applied Mathematics and Computation*, 73(2–3):203–208, December 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300394002509>.

- [SR97] **Spitaleri:1997:MMG**
 Rosa Maria Spitaleri and Vania Regolo. Multiblock multigrid grid generation algorithms: Overcoming multigrid anisotropy. *Applied Mathematics and Computation*, 84(2-3):247-267, July 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396000896>.
- [Sri95] **Srivastava:1995:NEH**
 Rekha Srivastava. A note on the Epstein-Hubbell generalized elliptic-type integral. *Applied Mathematics and Computation*, 69(2-3):255-262, May 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300394001330>.
- [Sri98] **Srivastava:1998:FSR**
 H. M. Srivastava. Further series representations for $\zeta(2n + 1)$. *Applied Mathematics and Computation*, 97(1):1-15, December 1, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039710145X>.
- [SS97] **Szafranski:1997:OTS**
 Zdzisław Szafranski and Błażej Szmanda. Oscillation the-
 orem for some nonlinear difference equations. *Applied Mathematics and Computation*, 83(1):43-52, April 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396000458>.
- [SS98a] **Shen:1998:GCA**
 Ling Shen and Ferenc Szidarovszky. A globally convergent algorithm for solving special utilization equations. *Applied Mathematics and Computation*, 90(1):53-60, March 1, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396003396>.
- [SS98b] **Szidarovszky:1998:SBP**
 Ferenc Szidarovszky and Ling Shen. A stochastic bargaining process and solution concept in the discrete case. *Applied Mathematics and Computation*, 92(2-3):219-227, June 15, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397100327>.
- [SST95] **Steiner:1995:CMA**
 W. Steiner, A. Steindl, and H. Troger. Center manifold approach to the control of a tethered satellite system. *Ap-*

- plied Mathematics and Computation*, 70(2-3):315-327, July 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039400111G>.
- Salemi:1999:SCM**
- [SSW99] F. Salemi, V. Salone, and Wang Wendi. Stability of a competition model with two-stage structure. *Applied Mathematics and Computation*, 99(2-3):221-231, March 15, 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397101801>.
- Sun:1999:QNT**
- [SSY99] W. Sun, R. J. B. Sampaio, and J. Yuan. Quasi-Newton trust region algorithm for non-smooth least squares problems. *Applied Mathematics and Computation*, 105(2-3):183-194, November/December 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398101030>.
- Steindl:1996:HCT**
- [ST96] A. Steindl and H. Troger. Heteroclinic cycles in the three-dimensional postbifurcation motion of $O(2)$ -symmetric fluid conveying tubes. *Applied Mathematics and Computation*, 78(2-3):269-277, September 1, 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396000148>.
- Stanimirovic:1999:LRG**
- [Sta99] Predrag S. Stanimirović. Limit representations of generalized inverses and related methods. *Applied Mathematics and Computation*, 103(1):51-68, August 1, 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398100486>.
- Sivaloganathan:1998:MPV**
- [STD98] S. Sivaloganathan, G. Tenti, and J. M. Drake. Mathematical pressure volume models of the cerebrospinal fluid. *Applied Mathematics and Computation*, 94(2-3):243-266, August 15, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397100935>.
- Sugisaka:1995:ISI**
- [SU95] Masanori Sugisaka and Suelo Ueno. Introduction to the special issue on adaptive filtering and estimation. *Applied Mathematics and Computation*, 69(1):1-2, April 1995. CODEN AMHCBQ.

- ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039400096M>. [Sug95]
- Sugisaka:1995:ACF**
- Masanori Sugisaka. Adaptive Chandrasekhar filter for linear discrete-time stationary stochastic systems. *Applied Mathematics and Computation*, 69(1):137–145, April 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039400104C>. [Sug98]
- Sugisaka:1998:ISI**
- Masanori Sugisaka. Introduction to the special issue on Artificial Life and Robotics. *Applied Mathematics and Computation*, 91(1):1–2, April 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397100091>. [SW96]
- Scitovski:1998:ASM**
- R. Scitovski, Š. Ungar, and D. Jukić. Approximating surfaces by moving total least squares method. *Applied Mathematics and Computation*, 93(2–3):219–232, July 15, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397100777>. [Sun98]
- Sun:1998:NMQ**
- Wenyu Sun. Newton’s method and quasi-Newton–SQP method for general LC^1 constrained optimization. *Applied Mathematics and Computation*, 92(1):69–84, June 1, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397100534>. [Saha:1996:STM]
- Arindam Saha and Meghanad D. Wagh. Solutions of two min-max recurrences in parallel processing with variable recombination overhead. *Applied Mathematics and Computation*, 76(2–3):173–211, May 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395001581>. [Sugisaka:1998:ICS]
- Sugisaka:1998:ICS**
- Masanori Sugisaka, Xin Wang, and Ju-Jung Lee. Intelligent control strategy for a mobile vehicle. *Applied Mathematics and Computation*, 91(1):91–98, April 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397100030>.

- [SY98] **Song:1998:CRN**
Jingyan Song and Yeung Yam. Complex recurrent neural network for computing the inverse and pseudo-inverse of the complex matrix. *Applied Mathematics and Computation*, 93(2-3):195-205, July 15, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397100649>.
- [SZ97] **Satravaha:1997:ALT**
Pornchai Satravaha and Songping Zhu. An application of the LTDRM to transient diffusion problems with nonlinear material properties and nonlinear boundary conditions. *Applied Mathematics and Computation*, 87(2-3):127-160, December 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396002263>.
- [Szi97] **Szidarovszky:1997:NAO**
F. Szidarovszky. A note on the alternating offer method. *Applied Mathematics and Computation*, 82(2-3):129-135, March 15, 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396000264>.
- [Szi98] **Szidarovszky:1998:BOD**
Ferenc Szidarovszky. Bargaining with offer dependent break-down probabilities. *Applied Mathematics and Computation*, 90(2-3):117-127, March 15, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396003542>.
- [Szi99] **Szidarovszky:1999:NCN**
Ferenc Szidarovszky. A new Characterization of the non-symmetric Nash solution. *Applied Mathematics and Computation*, 106(1):63-68, December 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398101078>.
- [Tag98] **Tagliani:1998:ITS**
Aldo Tagliani. Inverse two-sided z transform and moment problem. *Applied Mathematics and Computation*, 95(2-3):125-138, September 15, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397100571>.
- [Tag99] **Tagliani:1999:HMP**
A. Tagliani. Hausdorff moment problem and maximum entropy: a unified ap-

- proach. *Applied Mathematics and Computation*, 105(2–3): 291–305, November/December 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039810084X>.
- Takac:1998:BIT**
- [Tak98] Peter Takáč. Bifurcations to invariant 2-tori for the complex Ginzburg–Landau equation. *Applied Mathematics and Computation*, 89(1–3):241–257, January/February 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039781661X>.
- Tabata:1999:NIP**
- [TET99] Minoru Tabata, Nobuoki Es-hima, and Ichiro Takagi. The nonlinear integro-partial differential equation describing the logistic growth of human population with migration. *Applied Mathematics and Computation*, 98(2–3):169–183, February 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397101722>.
- Tabata:1998:CPS**
- [TETH98] Minoru Tabata, Nobuoki Es-hima, Ichiro Takagi, and Takashi Hiroshima. The Cauchy problem for the system of equations describing migration motivated by regional economic disparity. *Applied Mathematics and Computation*, 94(1):45–64, August 1, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397101163>.
- Tian:1997:SVC**
- [TG97] Bo Tian and Yi-Tian Gao. Solutions of a variable-coefficient Kadomtsev–Petviashvili equation via computer algebra. *Applied Mathematics and Computation*, 84(2–3):125–130, July 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396001154>.
- Tibken:1995:SCU**
- [TH95] B. Tibken and E. P. Hofer. Simulation of controlled uncertain nonlinear systems. *Applied Mathematics and Computation*, 70(2–3):329–338, July 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039400112H>.
- Tibken:1996:IAT**
- [TH96] B. Tibken and E. P. Hofer. Interval analysis as a tool for sensitivity analysis of a hemopoi-

- etic model. *Applied Mathematics and Computation*, 78 (2-3):259-267, September 1, 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396000136>.
- [TJ95] Dan G. Tuckness and Bertrand Jost. A critical analysis of the numerical and analytical methods used in the construction of the lunar gravity potential model. *Applied Mathematics and Computation*, 71(1):69-90, August 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039400141P>.
- [TPGV97] Yi-Fa Tang, Víctor M. Pérez-García, and Luis Vázquez. Symplectic methods for the Ablowitz-Ladik model. *Applied Mathematics and Computation*, 82(1):17-38, March 1, 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396000197>.
- [TPL95] E. Thandapani, S. Pandian, and B. S. Lalli. Oscillatory and nonoscillatory behavior of second-order functional difference equations. *Applied Mathematics and Computation*, 70(1):53-66, June 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039400142Q>.
- [TPS98] Hazem Tleimat, R. B. Piercey, and B. K. Soni. Numerical simulation of ultra-relativistic, heavy-ion collisions. *Applied Mathematics and Computation*, 89(1-3):275-293, January/February 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397816633>.
- [TS98] Ch. Tsitouras and T. E. Simos. Explicit high order methods for the numerical integration of periodic initial-value problems. *Applied Mathematics and Computation*, 95(1):15-26, September 1, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397100868>.
- [TSK98] Hugh Thornburg, Bharat K. Soni, and Boyalakuntla Kishore.

- A structured grid based solution-adaptive technique for complex separated flows. *Applied Mathematics and Computation*, 89(1-3):259-273, January/February 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397816621>. [TyG99]
- [Tuc95] Dan G. Tuckness. A fast method for quantitatively measuring stability in a three-body dynamical system. *Applied Mathematics and Computation*, 70(1):29-51, June 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039400136R>. **Tuckness:1995:FMQ**
- [Tuc96] Dan G. Tuckness. Analysis of optical navigation error during Mars entry. *Applied Mathematics and Computation*, 80(1):1-22, November 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395002758>. **Tuckness:1996:AON**
- [Tuc97] Dan G. Tuckness. Phase space sensitivities of the Sun-Jupiter triangular libration point. *Applied Mathematics and Computation*, 88(2-3):255-265, December 30, 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396003293>. **Toyoda:1999:AHs**
- [Udw95] Shin'ichi Toyoda and Pegio yukio Gunji. Appearance of hierarchical structure in hyper-dilation model: model of generalized measurement process. *Applied Mathematics and Computation*, 104(2-3):153-178, September 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398100632>. **Udwadia:1995:ISIa**
- [Uen95] Firdaus E. Udwadia. Introduction to the special issue on applied mechanics. *Applied Mathematics and Computation*, 67(1-3):1, January/February 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300394000515>. **Ueno:1995:PAR**
- [Uen95] Sueo Ueno. Probabilistic approach for rarefied gas dynamics: Linearized Couette flow. *Applied Mathematics and Computation*, 69(1):61-73, April

1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039400099P>.
- [UHL96] F. E. Udwarda, E. Hofer, and G. Leitmann. Introduction to the special issue on dynamics and control. *Applied Mathematics and Computation*, 78(2-3):101, September 1, 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396900077>.
- [UK95] Firdaus E. Udwarda and Robert E. Kalaba. An alternate proof for the equation of motion for constrained mechanical systems. *Applied Mathematics and Computation*, 70(2-3):339-342, July 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039400113I>.
- [Unb96] H. Unbehauen. Some new trends in identification and modeling of nonlinear dynamical systems. *Applied Mathematics and Computation*, 78(2-3):279-297, September 1, 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039600015X>.
- [UR97] F. E. Udwarda and N. Raju. Dynamics of coupled nonlinear maps and its application to ecological modeling. *Applied Mathematics and Computation*, 82(2-3):137-179, March 15, 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396000276>.
- [UTL⁺95] F. E. Udwarda, H. Troger, G. Leitmann, H. P. Joergl, and H. Flashner. Introduction to the special issue on dynamics and control. *Applied Mathematics and Computation*, 70(2-3):95, July 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395900357>.
- [Van95] M. Vanmaele. On an external finite element method for a second-order eigenvalue problem on a concave 2D-domain with Dirichlet boundary conditions. *Applied Mathematics and Computation*, 71(2-3):211-226, September 1, 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-

Udwadia:1996:ISI

Udwadia:1997:DCN

Udwadia:1995:ISIB

Udwadia:1995:APE

Vanmaele:1995:EFE

Unbehauen:1996:SNT

- 5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039400155W>.
- VanHuylenbroeck:1997:MTT**
- [Van97] G. Van Huylenbroeck. Multicriteria tools for the trade-off analysis in rural planning between economic and environmental objectives. *Applied Mathematics and Computation*, 83(2-3):261-280, May 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396001889>.
- VanSiclen:1998:IML**
- [Van98] Clinton DeW. Van Siclen. Information measure of location precision. *Applied Mathematics and Computation*, 97(2-3):287-293, December 15, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397101424>.
- Vazquez:1998:UNA**
- [Váz98] C. Vázquez. An upwind numerical approach for an American and European option pricing model. *Applied Mathematics and Computation*, 97(2-3):273-286, December 15, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397101229>.
- Varner:1998:NSD**
- [VC98] T. N. Varner and S. Roy Choudhury. Non-standard difference schemes for singular perturbation problems revisited. *Applied Mathematics and Computation*, 92(2-3):101-123, June 15, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039710025X>.
- VanKeer:1997:FEA**
- [VD97] R. Van Keer and H. De Schep-
per. Finite element approximation for 2nd order elliptic eigenvalue problems with nonlocal boundary or transition conditions. *Applied Mathematics and Computation*, 82(1):1-16, March 1, 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396000914>.
- Vestroni:1995:SCT**
- [VLP95] Fabrizio Vestroni, Angelo Lungo, and Monica Pasca. Stability and control of transversal oscillations of a tethered satellite system. *Applied Mathematics and Computation*, 70(2-3):343-360, July 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL

- <http://www.sciencedirect.com/science/article/pii/S009630039400114J>.
- Villatoro:1999:MMEb**
- [VR99a] F. R. Villatoro and J. I. Ramos. On the method of modified equations. I: Asymptotic analysis of the Euler forward difference method. *Applied Mathematics and Computation*, 103(2–3):111–139, August 15, 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398100310>.
- Villatoro:1999:MMEc**
- [VR99b] F. R. Villatoro and J. I. Ramos. On the method of modified equations. II: Numerical techniques based on the equivalent equation for the Euler forward difference method. *Applied Mathematics and Computation*, 103(2–3):141–177, August 15, 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398100309>.
- Villatoro:1999:MMEd**
- [VR99c] F. R. Villatoro and J. I. Ramos. On the method of modified equations. III. Numerical techniques based on the second equivalent equation for the Euler forward difference method. *Applied Mathematics and Computation*, 103(2–3):179–212, August 15, 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398100292>.
- Villatoro:1999:MMEe**
- [VR99d] F. R. Villatoro and J. I. Ramos. On the method of modified equations. IV. Numerical techniques based on the modified equation for the Euler forward difference method. *Applied Mathematics and Computation*, 103(2–3):213–240, August 15, 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398100280>.
- Villatoro:1999:MMEf**
- [VR99e] F. R. Villatoro and J. I. Ramos. On the method of modified equations. V: Asymptotic analysis of and direct-correction and asymptotic successive-correction techniques for the implicit midpoint method. *Applied Mathematics and Computation*, 103(2–3):241–285, August 15, 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398100279>.
- Villatoro:1999:MMEa**
- [VR99f] F. R. Villatoro and J. I.

- Ramos. On the method of modified equations. VI: Asymptotic analysis of and asymptotic successive-corrections techniques for two-point, boundary-value problems in ODE's. *Applied Mathematics and Computation*, 105(2-3):137-171, November/December 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398100991>. [WA98]
- Vatsala:1996:GQF**
- [VS96] A. S. Vatsala and Donna Stutson. Generalized quasilinearization and first-order periodic boundary value problem. *Applied Mathematics and Computation*, 77(2-3):113-129, July 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395001948>. [WA99]
- Wong:1996:OAM**
- [WA96] Patricia J. Y. Wong and Ravi P. Agarwal. The oscillation and asymptotically monotone solutions of second-order quasilinear differential equations. *Applied Mathematics and Computation*, 79(2-3):207-237, October 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395002677>. [Wan95]
- Wong:1998:ABS**
- Patricia J. Y. Wong and Ravi P. Agarwal. Asymptotic behaviour of solutions of higher order difference and partial difference equations with distributed deviating arguments. *Applied Mathematics and Computation*, 97(2-3):139-164, December 15, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397101254>.
- Wong:1999:ELB**
- Patricia J. Y. Wong and Ravi P. Agarwal. Eigenvalues of Lidstone boundary value problems. *Applied Mathematics and Computation*, 104(1):15-31, September 1, 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398100450>.
- Wang:1995:QSS**
- Shao-Ming Wang. A quadratic spline structure over triangulations. *Applied Mathematics and Computation*, 68(2-3):143-152, March 15, 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039400088L>.

- [Wan96] Zeke Wang. Notes on computation of Kakutani fixed points. *Applied Mathematics and Computation*, 75(2-3):139-150, March 15, 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396900557>. **Wang:1996:NCK**
- [Wan98] Yuan-Ming Wang. Petrov-Galerkin methods for systems of nonlinear reaction-diffusion equations. *Applied Mathematics and Computation*, 96(2-3):209-236, November 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397101230>. **Wang:1998:PGM**
- [Wan99a] Peiguang Wang. Forced oscillation of a class of delay hyperbolic equation boundary value problem. *Applied Mathematics and Computation*, 103(1):15-25, August 1, 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398100619>. **Wang:1999:FOC**
- [Wan99b] Peiguang Wang. Oscillatory criteria for a class of delay hyperbolic equations boundary value problem (II). *Applied Mathematics and Computation*, 100(2-3):189-199, May 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398000265>. **Wang:1999:NCK**
- [Waz95a] Abdul-Majid Wazwaz. The decomposition method for approximate solution of the Goursat problem. *Applied Mathematics and Computation*, 69(2-3):299-311, May 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039400137S>. **Wazwaz:1995:DMA**
- [Waz95b] Abdul-Majid Wazwaz. A new approach to the nonlinear advection problem: an application of the decomposition method. *Applied Mathematics and Computation*, 72(2-3):175-181, October 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300394001824>. **Wazwaz:1995:NAN**
- [Waz97a] Abdul-Majid Wazwaz. Necessary conditions for the appearance of noise terms in decom-
- Wazwaz:1997:NCA**

- position solution series. *Applied Mathematics and Computation*, 81(2-3):265-274, February 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395003274>.
- [Waz97b] Abdul-Majid Wazwaz. A study on a boundary-layer equation arising in an incompressible fluid. *Applied Mathematics and Computation*, 87(2-3):199-204, December 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396002810>.
- [Waz97c] Abdul-Majid Wazwaz. A study on complex integrals involving absolute values. *Applied Mathematics and Computation*, 85(2-3):281-286, September 1, 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396001427>.
- [Waz98a] Abdul-Majid Wazwaz. A comparison between Adomian decomposition method and Taylor series method in the series solutions. *Applied Mathematics and Computation*, 97(1):37-44, December 1, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397101278>.
- [Waz98b] Abdul-Majid Wazwaz. A reliable technique for solving the wave equation in an infinite one-dimensional medium. *Applied Mathematics and Computation*, 92(1):1-7, June 1, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397100376>.
- [Waz99a] Abdul-Majid Wazwaz. Analytical approximations and Padé approximants for Volterra's population model. *Applied Mathematics and Computation*, 100(1):13-25, April 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398000186>.
- [Waz99b] Abdul-Majid Wazwaz. A comparative study on a singular perturbation problem with two singular boundary points. *Applied Mathematics and Computation*, 99(2-3):179-193, March 15, 1999. CODEN AMHCBQ.

- ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039800006X>.
- [Waz99c] Abdul-Majid Wazwaz. The modified decomposition method and Padé approximants for solving the Thomas–Fermi equation. *Applied Mathematics and Computation*, 105(1):11–19, October 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398100905>.
- [Waz99d] Abdul-Majid Wazwaz. A reliable modification of Adomian decomposition method. *Applied Mathematics and Computation*, 102(1):77–86, July 1, 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398100243>.
- [WC99] Berlin Wu and Mei-Hui Chen. Use of fuzzy statistical technique in change periods detection of nonlinear time series. *Applied Mathematics and Computation*, 99(2–3):241–254, March 15, 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398000113>.
- [WCG97] Yau Shu Wong, Qianshun Chang, and Lianger Gong. An initial-boundary value problem of a nonlinear Klein–Gordon equation. *Applied Mathematics and Computation*, 84(1):77–93, June 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396000653>.
- [Wei98] Yimin Wei. Index splitting for the Drazin inverse and the singular linear system. *Applied Mathematics and Computation*, 95(2–3):115–124, September 15, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397100984>.
- [Wei99a] Y. Wei. Perturbation bound of singular linear systems. *Applied Mathematics and Computation*, 105(2–3):211–220, November/December 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300399001204>.

Wei:1999:PGI

- [Wei99b] Yimin Wei. On the perturbation of the group inverse and oblique projection. *Applied Mathematics and Computation*, 98(1):29–42, January 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397101515>.

White:1997:RRO

- [Whi97] Luther W. White. Resolution of regularized output least squares estimation procedures. *Applied Mathematics and Computation*, 81(2–3):139–172, February 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039500324X>.

White:1997:EDE

- [WJO97] Luther W. White, Ying-Jun Jin, and Daniel J. O'Meara. Estimation of discontinuous elliptic coefficients. *Applied Mathematics and Computation*, 81(2–3):113–138, February 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395003231>.

Watson:1995:AMC

- [WK95] Brian C. Watson and Manohar P. Kamat. Analysis of mis-

tuned cyclic systems using mistune modes. *Applied Mathematics and Computation*, 67(1–3):61–79, January/February 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300394000548>.

Wazwaz:1996:RTS

- [WK96a] A. M. Wazwaz and S. A. Khuri. A reliable technique for solving the weakly singular second-kind Volterra-type integral equations. *Applied Mathematics and Computation*, 80(2–3):287–299, December 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395002790>.

Wazwaz:1996:TMS

- [WK96b] A. M. Wazwaz and S. A. Khuri. Two methods for solving integral equations. *Applied Mathematics and Computation*, 77(1):79–89, June 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395001891>.

Wazwaz:1998:NIS

- [WK98] A. M. Wazwaz and S. A. Khuri. New ideas for solving size-structured population models. *Applied Mathematics and Com-*

- putation, 93(1):91–96, July 1, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397100728>.
- [WL97] J. G. Wei and G. Leng. Lyapunov exponent and chaos of Duffing's equation perturbed by white noise. *Applied Mathematics and Computation*, 88(1):77–93, December 15, 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396003074>.
- [WLB97] J. Arthur Woodward, Wan-Ching Liu, and Douglas G. Bonett. Shortest two-tailed confidence intervals. *Applied Mathematics and Computation*, 84(1):65–76, June 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039600080X>.
- [WLTS99] Tsu-Chen Wu, Shing-Hwa Leu, Shih-Tong Tu, and H. M. Srivastava. A certain class of infinite sums associated with Digamma functions. *Applied Mathematics and Computation*, 105(1):1–9, October 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039810098X>.
- [Wol96] M. A. Wolfe. Interval methods for global optimization. *Applied Mathematics and Computation*, 75(2–3):179–206, March 15, 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396900612>.
- [Wol98] M. A. Wolfe. Interval enclosures for a certain class of multiple integrals. *Applied Mathematics and Computation*, 96(2–3):145–159, November 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397101199>.
- [Won98] Tzu-Tsung Wong. Generalized Dirichlet distribution in Bayesian analysis. *Applied Mathematics and Computation*, 97(2–3):165–181, December 15, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397101400>.

Woodward:1997:ECD

- [WP97] J. Arthur Woodward and Christina G. S. Palmer. On the exact convolution of discrete random variables. *Applied Mathematics and Computation*, 83(1):69–77, April 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396000471>.

Waissi:1996:SAS

- [WR96] Gary R. Waissi and Donald F. Rossin. A sigmoid approximation of the standard normal integral. *Applied Mathematics and Computation*, 77(1):91–95, June 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395001905>.

Wang:1999:COF

- [WSL99] Feng-Sheng Wang, Ching-Tzong Su, and Yung-Cheng Liu. Computation of optimal feedforward and feedback control by a modified reduced gradient method. *Applied Mathematics and Computation*, 104(1):85–100, September 1, 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398100541>.

Wu:1997:CSR

- [Wu97] Zongmin Wu. Compactly supported radial functions and the Strang–Fix condition. *Applied Mathematics and Computation*, 84(2–3):115–124, July 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396001105>.

Wang:1998:IDT

- [WW98] Alan P. Wang and Cecilia Y. Wang. Identification of a dissipative transport system. *Applied Mathematics and Computation*, 91(1):33–41, April 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397100133>.

Wen:1999:OPT

- [WW99a] Jyh-Horng Wen and Jee-Wey Wang. An occupancy problem with two groups of balls resulting from TDM radio communication application. *Applied Mathematics and Computation*, 105(1):87–90, October 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398100863>.

Wen:1999:RSO

- [WW99b] Jyh-Horng Wen and Jee-Wey

- Wang. A recursive solution to an occupancy problem resulting from TDM radio communication application. *Applied Mathematics and Computation*, 101(1):1–3, June 1, 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398000393>.
Wu:1995:PSO
- [WZ95] J. Wu and X. Zou. Patterns of sustained oscillations in neural networks with delayed interactions. *Applied Mathematics and Computation*, 73(1):55–75, November 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039400203G>.
White:1998:SMF
- [WZ98] Luther W. White and Musharaf Zaman. A simple model for fluid accumulation and flow in a porous medium. *Applied Mathematics and Computation*, 90(2–3):181–203, March 15, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397003986>.
Wanxie:1998:SAT
- [WZZ98] Zhong Wanxie, Xinglai Zhuang, and Jianping Zhu. A self-adaptive time integration algorithm for solving partial differential equations. *Applied Mathematics and Computation*, 89(1–3):295–312, January/February 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397816645>.
Xu:1998:CMM
- [XL98] Xuejun Xu and Likang Li. A V-cycle multigrid method and additive multilevel preconditioners for the plate bending problem discretized by conforming finite elements. *Applied Mathematics and Computation*, 93(2–3):233–258, July 15, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397100844>.
Xu:1999:NCC
- [XL99] Xuejun Xu and Likang Li. A note on convergence of V-cycle nonconforming multigrid methods. *Applied Mathematics and Computation*, 104(2–3):191–206, September 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398100796>.
Xin:1995:ASI
- [XS95] Jingmin Xin and Akira Sano.

- Adaptive system identification based on generalized wavelet decomposition. *Applied Mathematics and Computation*, 69(1):97–109, April 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300394001019>.
Xiguan:1996:FPS
- [XYY96] Lu Xiguan, Li Yong, and Su Yi. Finding periodic solutions of ordinary differential equations via homotopy method. *Applied Mathematics and Computation*, 78(1):1–17, August 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039400241X>.
Zhu:1998:AAN
- [xZ98] Wen xing Zhu. An approximate algorithm for nonlinear integer programming. *Applied Mathematics and Computation*, 93(2–3):183–193, July 15, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397100832>.
Xu:1997:GCF
- [XZL97] Zong-Ben Xu, Jiang-She Zhang, and Yiu-Wing Leung. A general CDC formulation for specializing the cell exclusion algorithms of finding all zeros of vector functions. *Applied Mathematics and Computation*, 86(2–3):235–259, October 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396001919>.
Xu:1998:AAC
- [XZL98] Zong-Ben Xu, Jiang-She Zhang, and Yiu-Wing Leung. An approximate algorithm for computing multidimensional convex hulls. *Applied Mathematics and Computation*, 94(2–3):193–226, August 15, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397100431>.
Xu:1996:CEA
- [XZW96] Zong-Ben Xu, Jiang-She Zhang, and Wei Wang. A cell exclusion algorithm for determining all the solutions of a nonlinear system of equations. *Applied Mathematics and Computation*, 80(2–3):181–208, December 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395002863>.
Yamamoto:1995:CSB
- [Yam95] Tokufumi Yamamoto. Critical state between local and

- global interaction. *Applied Mathematics and Computation*, 73(2–3):153–180, December 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300394002479>. Yan:1997:OSO
- [Yan97] Jurang Yan. Oscillations of second order neutral functional differential equations. *Applied Mathematics and Computation*, 83(1):27–41, April 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396000434>. Yang:1998:CSS
- [Yan98] Suh-Yuh Yang. On the convergence and stability of the standard least squares finite element method for first-order elliptic systems. *Applied Mathematics and Computation*, 93(1):51–62, July 1, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397100509>. Yang:1999:CSL
- [Yan99] Z. J. Yang. Cylindrical symmetry-like solutions of Laplace equation $\nabla^2 V(x_j) = 0$. *Applied Mathematics and Computation*, 99(1):29–34, March 1, 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039710162X>. Yen:1999:NAI
- [YB99] Jerome Yen and Tung X. Bui. The negotiable alternatives identifier for group negotiation support. *Applied Mathematics and Computation*, 104(2–3):259–276, September 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398100693>. Yildiz:1997:MCF
- [YBR97] Bünyamin Yildiz, Mustafa Bayram, and Mahir A. Rasulov. On a method of calculation of the first phase saturation during the process of displacement of oil by water from porous media. *Applied Mathematics and Computation*, 85(1):1–16, August 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396000823>. Yevi:1998:PGP
- [YCZ98] G. Yevi, P. Cinnella, and X. Zhuang. On parallelizing a groundwater pollution simulator. *Applied Mathematics and Computation*, 89(1–3):313–325, January/February 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397100509>. Yevi:1998:PGP

1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397816657>.
Ye:1998:DDLb [Yeh97]
- [Ye98a] X. Ye. Domain decomposition for a least-square finite element method for second order elliptic problem. *Applied Mathematics and Computation*, 91(2-3):233-242, May 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397100145>.
Ye:1998:DDLb
- [Ye98b] X. Ye. Domain decomposition for least-squares finite element methods for the Stokes equations. *Applied Mathematics and Computation*, 97(1):45-53, December 1, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039710159X>.
Ye:1999:TGD
- [Ye99] X. Ye. Two grid discretizations with backtracking of the stream function form of the Navier-Stokes equations. *Applied Mathematics and Computation*, 100(2-3):131-138, May 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398000241>.
Yeh:1997:TRM
- [Yeh97] Tyan Yeh. Trapezoidal rule for multiple integrals over hyperquadrilaterals. *Applied Mathematics and Computation*, 87(2-3):227-246, December 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039600286X>.
Yakowitz:1997:MOD
- [YH97] Diana S. Yakowitz and Keith W. Hipel. Multiple objective decision making for "lokahi" (balance) in environmental management. *Applied Mathematics and Computation*, 83(2-3):97-115, May 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396001713>.
Yong:1995:PSF
- [YHXX95] Li Yong, Wang Huaizhong, Lu Xianrui, and Lu Xiguan. Periodic solutions for functional differential equations with infinite lead and delay. *Applied Mathematics and Computation*, 70(1):1-28, June 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396001713>.

- com/science/article/pii/009630039400131M.
- [yHyG99] Jing yu Hou and Ben yu Guo. Chebyshev pseudospectral-finite element method for the three-dimensional unsteady Navier-Stokes equation. *Applied Mathematics and Computation*, 101(2-3):209-244, June 15, 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398000411>.
- [Yil96] Bünyamin Yildiz. A method increasing preciseness of finite differences system and its application. *Applied Mathematics and Computation*, 75(2-3):253-267, March 15, 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/0096300396000697>.
- [YJ99] Jin-Yun Yuan and Xiao-Qing Jin. Convergence of the generalized AOR method. *Applied Mathematics and Computation*, 99(1):35-46, March 1, 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397101758>.
- [YK97a] [YK97b] [YK97c] [YK97d] [YK97e] [YK97f] [YK97g] [YK97h] [YK97i] [YK97j] [YK97k] [YK97l] [YK97m] [YK97n] [YK97o] [YK97p] [YK97q] [YK97r] [YK97s] [YK97t] [YK97u] [YK97v] [YK97w] [YK97x] [YK97y] [YK97z] [YK97aa] [YK97ab] [YK97ac] [YK97ad] [YK97ae] [YK97af] [YK97ag] [YK97ah] [YK97ai] [YK97aj] [YK97ak] [YK97al] [YK97am] [YK97an] [YK97ao] [YK97ap] [YK97aq] [YK97ar] [YK97as] [YK97at] [YK97au] [YK97av] [YK97aw] [YK97ax] [YK97ay] [YK97az] [YK97ba] [YK97bb] [YK97bc] [YK97bd] [YK97be] [YK97bf] [YK97bg] [YK97bh] [YK97bi] [YK97bj] [YK97bk] [YK97bl] [YK97bm] [YK97bn] [YK97bo] [YK97bp] [YK97bq] [YK97br] [YK97bs] [YK97bt] [YK97bu] [YK97bv] [YK97bw] [YK97bx] [YK97by] [YK97bz] [YK97ca] [YK97cb] [YK97cc] [YK97cd] [YK97ce] [YK97cf] [YK97cg] [YK97ch] [YK97ci] [YK97cj] [YK97ck] [YK97cl] [YK97cm] [YK97cn] [YK97co] [YK97cp] [YK97cq] [YK97cr] [YK97cs] [YK97ct] [YK97cu] [YK97cv] [YK97cw] [YK97cx] [YK97cy] [YK97cz] [YK97da] [YK97db] [YK97dc] [YK97dd] [YK97de] [YK97df] [YK97dg] [YK97dh] [YK97di] [YK97dj] [YK97dk] [YK97dl] [YK97dm] [YK97dn] [YK97do] [YK97dp] [YK97dq] [YK97dr] [YK97ds] [YK97dt] [YK97du] [YK97dv] [YK97dw] [YK97dx] [YK97dy] [YK97dz] [YK97ea] [YK97eb] [YK97ec] [YK97ed] [YK97ee] [YK97ef] [YK97eg] [YK97eh] [YK97ei] [YK97ej] [YK97ek] [YK97el] [YK97em] [YK97en] [YK97eo] [YK97ep] [YK97eq] [YK97er] [YK97es] [YK97et] [YK97eu] [YK97ev] [YK97ew] [YK97ex] [YK97ey] [YK97ez] [YK97fa] [YK97fb] [YK97fc] [YK97fd] [YK97fe] [YK97ff] [YK97fg] [YK97fh] [YK97fi] [YK97fj] [YK97fk] [YK97fl] [YK97fm] [YK97fn] [YK97fo] [YK97fp] [YK97fq] [YK97fr] [YK97fs] [YK97ft] [YK97fu] [YK97fv] [YK97fw] [YK97fx] [YK97fy] [YK97fz] [YK97ga] [YK97gb] [YK97gc] [YK97gd] [YK97ge] [YK97gf] [YK97gg] [YK97gh] [YK97gi] [YK97gj] [YK97gk] [YK97gl] [YK97gm] [YK97gn] [YK97go] [YK97gp] [YK97gq] [YK97gr] [YK97gs] [YK97gt] [YK97gu] [YK97gv] [YK97gw] [YK97gx] [YK97gy] [YK97gz] [YK97ha] [YK97hb] [YK97hc] [YK97hd] [YK97he] [YK97hf] [YK97hg] [YK97hi] [YK97hj] [YK97hk] [YK97hl] [YK97hm] [YK97hn] [YK97ho] [YK97hp] [YK97hq] [YK97hr] [YK97hs] [YK97ht] [YK97hu] [YK97hv] [YK97hw] [YK97hx] [YK97hy] [YK97hz] [YK97ia] [YK97ib] [YK97ic] [YK97id] [YK97ie] [YK97if] [YK97ig] [YK97ih] [YK97ii] [YK97ij] [YK97ik] [YK97il] [YK97im] [YK97in] [YK97io] [YK97ip] [YK97iq] [YK97ir] [YK97is] [YK97it] [YK97iu] [YK97iv] [YK97iw] [YK97ix] [YK97iy] [YK97iz] [YK97ja] [YK97jb] [YK97jc] [YK97jd] [YK97je] [YK97jf] [YK97jg] [YK97jh] [YK97ji] [YK97jj] [YK97jk] [YK97jl] [YK97jm] [YK97jn] [YK97jo] [YK97jp] [YK97jq] [YK97jr] [YK97js] [YK97jt] [YK97ju] [YK97jv] [YK97jw] [YK97jx] [YK97jy] [YK97jz] [YK97ka] [YK97kb] [YK97kc] [YK97kd] [YK97ke] [YK97kf] [YK97kg] [YK97kh] [YK97ki] [YK97kj] [YK97kk] [YK97kl] [YK97km] [YK97kn] [YK97ko] [YK97kp] [YK97kq] [YK97kr] [YK97ks] [YK97kt] [YK97ku] [YK97kv] [YK97kw] [YK97kx] [YK97ky] [YK97kz] [YK97la] [YK97lb] [YK97lc] [YK97ld] [YK97le] [YK97lf] [YK97lg] [YK97lh] [YK97li] [YK97lj] [YK97lk] [YK97ll] [YK97lm] [YK97ln] [YK97lo] [YK97lp] [YK97lq] [YK97lr] [YK97ls] [YK97lt] [YK97lu] [YK97lv] [YK97lw] [YK97lx] [YK97ly] [YK97lz] [YK97ma] [YK97mb] [YK97mc] [YK97md] [YK97me] [YK97mf] [YK97mg] [YK97mh] [YK97mi] [YK97mj] [YK97mk] [YK97ml] [YK97mm] [YK97mn] [YK97mo] [YK97mp] [YK97mq] [YK97mr] [YK97ms] [YK97mt] [YK97mu] [YK97mv] [YK97mw] [YK97mx] [YK97my] [YK97mz] [YK97na] [YK97nb] [YK97nc] [YK97nd] [YK97ne] [YK97nf] [YK97ng] [YK97nh] [YK97ni] [YK97nj] [YK97nk] [YK97nl] [YK97nm] [YK97nn] [YK97no] [YK97np] [YK97nq] [YK97nr] [YK97ns] [YK97nt] [YK97nu] [YK97nv] [YK97nw] [YK97nx] [YK97ny] [YK97nz] [YK97oa] [YK97ob] [YK97oc] [YK97od] [YK97oe] [YK97of] [YK97og] [YK97oh] [YK97oi] [YK97oj] [YK97ok] [YK97ol] [YK97om] [YK97on] [YK97oo] [YK97op] [YK97oq] [YK97or] [YK97os] [YK97ot] [YK97ou] [YK97ov] [YK97ow] [YK97ox] [YK97oy] [YK97oz] [YK97pa] [YK97pb] [YK97pc] [YK97pd] [YK97pe] [YK97pf] [YK97pg] [YK97ph] [YK97pi] [YK97pj] [YK97pk] [YK97pl] [YK97pm] [YK97pn] [YK97po] [YK97pp] [YK97pq] [YK97pr] [YK97ps] [YK97pt] [YK97pu] [YK97pv] [YK97pw] [YK97px] [YK97py] [YK97pz] [YK97qa] [YK97qb] [YK97qc] [YK97qd] [YK97qe] [YK97qf] [YK97qg] [YK97qh] [YK97qi] [YK97qj] [YK97qk] [YK97ql] [YK97qm] [YK97qn] [YK97qo] [YK97qp] [YK97qq] [YK97qr] [YK97qs] [YK97qt] [YK97qu] [YK97qv] [YK97qw] [YK97qx] [YK97qy] [YK97qz] [YK97ra] [YK97rb] [YK97rc] [YK97rd] [YK97re] [YK97rf] [YK97rg] [YK97rh] [YK97ri] [YK97rj] [YK97rk] [YK97rl] [YK97rm] [YK97rn] [YK97ro] [YK97rp] [YK97rq] [YK97rr] [YK97rs] [YK97rt] [YK97ru] [YK97rv] [YK97rw] [YK97rx] [YK97ry] [YK97rz] [YK97sa] [YK97sb] [YK97sc] [YK97sd] [YK97se] [YK97sf] [YK97sg] [YK97sh] [YK97si] [YK97sj] [YK97sk] [YK97sl] [YK97sm] [YK97sn] [YK97so] [YK97sp] [YK97sq] [YK97sr] [YK97ss] [YK97st] [YK97su] [YK97sv] [YK97sw] [YK97sx] [YK97sy] [YK97sz] [YK97ta] [YK97tb] [YK97tc] [YK97td] [YK97te] [YK97tf] [YK97tg] [YK97th] [YK97ti] [YK97tj] [YK97tk] [YK97tl] [YK97tm] [YK97tn] [YK97to] [YK97tp] [YK97tq] [YK97tr] [YK97ts] [YK97tt] [YK97tu] [YK97tv] [YK97tw] [YK97tx] [YK97ty] [YK97tz] [YK97ua] [YK97ub] [YK97uc] [YK97ud] [YK97ue] [YK97uf] [YK97ug] [YK97uh] [YK97ui] [YK97uj] [YK97uk] [YK97ul] [YK97um] [YK97un] [YK97uo] [YK97up] [YK97uq] [YK97ur] [YK97us] [YK97ut] [YK97uu] [YK97uv] [YK97uw] [YK97ux] [YK97uy] [YK97uz] [YK97va] [YK97vb] [YK97vc] [YK97vd] [YK97ve] [YK97vf] [YK97vg] [YK97vh] [YK97vi] [YK97vj] [YK97vk] [YK97vl] [YK97vm] [YK97vn] [YK97vo] [YK97vp] [YK97vq] [YK97vr] [YK97vs] [YK97vt] [YK97vu] [YK97vv] [YK97vw] [YK97vx] [YK97vy] [YK97vz] [YK97wa] [YK97wb] [YK97wc] [YK97wd] [YK97we] [YK97wf] [YK97wg] [YK97wh] [YK97wi] [YK97wj] [YK97wk] [YK97wl] [YK97wm] [YK97wn] [YK97wo] [YK97wp] [YK97wq] [YK97wr] [YK97ws] [YK97wt] [YK97wu] [YK97wv] [YK97ww] [YK97wx] [YK97wy] [YK97wz] [YK97xa] [YK97xb] [YK97xc] [YK97xd] [YK97xe] [YK97xf] [YK97xg] [YK97xh] [YK97xi] [YK97xj] [YK97xk] [YK97xl] [YK97xm] [YK97xn] [YK97xo] [YK97xp] [YK97xq] [YK97xr] [YK97xs] [YK97xt] [YK97xu] [YK97xv] [YK97xw] [YK97xx] [YK97xy] [YK97xz] [YK97ya] [YK97yb] [YK97yc] [YK97yd] [YK97ye] [YK97yf] [YK97yg] [YK97yh] [YK97yi] [YK97yj] [YK97yk] [YK97yl] [YK97ym] [YK97yn] [YK97yo] [YK97yp] [YK97yq] [YK97yr] [YK97ys] [YK97yt] [YK97yu] [YK97yv] [YK97yw] [YK97yx] [YK97yy] [YK97yz] [YK97za] [YK97zb] [YK97zc] [YK97zd] [YK97ze] [YK97zf] [YK97zg] [YK97zh] [YK97zi] [YK97zj] [YK97zk] [YK97zl] [YK97zm] [YK97zn] [YK97zo] [YK97zp] [YK97zq] [YK97zr] [YK97zs] [YK97zt] [YK97zu] [YK97zv] [YK97zw] [YK97zx] [YK97zy] [YK97zz]
- [Yildiz:1997:TMS] Bünyamin Yildiz and Ahmet Kacar. Two methods for solution of a linear boundary value problem of order $2n$. *Applied Mathematics and Computation*, 86(2-3):215-233, October 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039600183X>.
- [Yon:1997:TLA] Yoon J. Yon and Do Y. Kwak. Two-level additive Schwarz preconditioners for P_1 nonconforming finite elements for nonsymmetric and indefinite problems. *Applied Mathematics and Computation*, 87(1):1-14, November 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396001920>.
- [Yu:1996:HMC] Bo Yu and Zhenghua Lin. Homotopy method for a class of nonconvex Brouwer fixed-point problems. *Applied Mathematics and Computation*, 74(1):65-77, January 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/0096300395000895>.

- [YL98a] **Yang:1998:UAW** Suh-Yuh Yang and Jinn-Liang Liu. A unified analysis of a weighted least squares method for first-order systems. *Applied Mathematics and Computation*, 92(1):9–27, June 1, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397100467>.
- [YL98b] **Yao:1998:TDA** Xin Yao and Yong Liu. Towards designing artificial neural networks by evolution. *Applied Mathematics and Computation*, 91(1):83–90, April 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397100054>.
- [YO98] **Yavneh:1998:MSS** Irad Yavneh and Elena Olvovsky. Multigrid smoothing for symmetric nine-point stencils. *Applied Mathematics and Computation*, 92(2–3):229–246, June 15, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397100352>.
- [YS98a] **Yi:1998:SPC** Fahuai Yi and T. M. Shih. Stefan problem with convection. *Applied Mathematics and Computation*, 95(2–3):139–154, September 15, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397100236>.
- [YS98b] **Yildiz:1998:ICP** Bünyamin Yıldiz and Ali Sever. On the inverse conductivity problem. *Applied Mathematics and Computation*, 94(1):91–96, August 1, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397100339>.
- [YST97] **Yang:1997:ASH** Xiaofeng Yang, Tielong Shen, and Katsutoshi Tamura. Approximate solution of Hamilton–Jacobi inequality by neural networks. *Applied Mathematics and Computation*, 84(1):49–64, June 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396000537>.
- [Yür99] **Yurekli:1999:NII** Osman Yürekli. New identities involving the Laplace and the \mathcal{L}_2 -transforms and their applications. *Applied Mathematics and Computation*, 99(2–3):141–151, March 15,

1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398000022>.
- Zaghrout:1996:AMS**
- [ZA96] A. A. S. Zaghrout and S. H. Atalah. Analysis of a model of stage-structured population dynamics growth with time state-dependent time delay. *Applied Mathematics and Computation*, 77(2-3):185-194, July 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039500212X>.
- Zaghrout:1996:OGA**
- [ZAES96] A. Zaghrout, A. Ammar, and M. M. A. El-Sheikh. Oscillations and global attractivity in delay differential equations of population dynamics. *Applied Mathematics and Computation*, 77(2-3):195-204, July 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395002138>.
- Zhang:1997:CSA**
- [ZB97] Jun Zhang and John A. Belward. Chebyshev series approximations for the Bessel function $Y_n(z)$ of complex argument. *Applied Mathematics and Computation*, 88(2-3):275-286, December 30, 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396003359>.
- Zeng:1999:HAF**
- [Zen99] Pan Zeng. High-accuracy formula for discrete calculation of Fourier transforms. *Applied Mathematics and Computation*, 106(2-3):117-140, December 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398100802>.
- Zhang:1995:SCT**
- [Zha95] B. G. Zhang. Sturm comparison theorem of difference equations. *Applied Mathematics and Computation*, 72(2-3):277-284, October 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039400201E>.
- Zhang:1996:NWW**
- [Zha96a] Hong Zhang. A note on windowing for the waveform relaxation method. *Applied Mathematics and Computation*, 76(1):49-63, April 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395002138>.

- com/science/article/pii/0096300395001492.
- Zhang:1996:AFP**
- [Zha96b] Jun Zhang. Acceleration of five-point red-black Gauss-Seidel in multigrid for Poisson equation. *Applied Mathematics and Computation*, 80(1):73–93, November 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395002766>.
- Zhang:1997:MRS**
- [Zha97a] Jun Zhang. Minimal residual smoothing in multi-level iterative method. *Applied Mathematics and Computation*, 84(1):1–25, June 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396000501>.
- Zhang:1997:RST**
- [Zha97b] Jun Zhang. Residual scaling techniques in multigrid, I: Equivalence proof. *Applied Mathematics and Computation*, 86(2–3):283–303, October 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396001944>.
- Zhao:1997:EFF**
- [Zha97c] Yun-Bin Zhao. Exceptional families and finite-dimensional variational inequalities over polyhedral convex sets. *Applied Mathematics and Computation*, 87(2–3):111–126, December 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039600224X>.
- Zhang:1998:RST**
- [Zha98a] Jun Zhang. Residual scaling techniques in multigrid, II: Practical applications. *Applied Mathematics and Computation*, 90(2–3):229–252, March 15, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397004001>.
- Zhang:1998:TGA**
- [Zha98b] Jun Zhang. Two-grid analysis of minimal residual smoothing as a multigrid acceleration technique. *Applied Mathematics and Computation*, 96(1):27–45, October 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397101059>.
- Zhang:1998:VCV**
- [Zha98c] Jun Zhang. VML: a class of virtual multi-level iterative methods for solving partial differential equations. *Applied Mathematics and Computation*, 96(1):27–45, October 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397101059>.

- putation, 92(1):29–48, June 1, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397100388>. [Zha98d] Jinxi Zhao. The generalized Cholesky factorization method for saddle point problems. *Applied Mathematics and Computation*, 92(1):49–58, June 1, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397100406>. [Zha99a] Jun Zhang. Acceleration and stabilization properties of minimal residual smoothing technique in multigrid. *Applied Mathematics and Computation*, 100(2–3):151–168, May 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300398000290>. [Zha99b] Yun-Bin Zhao. *D*-orientation sequences for continuous functions and nonlinear complementarity problems. *Applied Mathematics and Computation*, 106(2–3):221–235, December 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039810125X>. [Zha99b] Zheng zhong Han and Yu hua Tang. Fuzzy forecast of flood disaster caused by solar proton flares. *Applied Mathematics and Computation*, 98(1):83–89, January 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397101527>. [ZK98] A. A. S. Zaghrout and F. M. Kandil. Competition between three microbial populations for a single limiting resource in continuous culture. *Applied Mathematics and Computation*, 92(2–3):271–281, June 15, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397100273>. [ZL98a] Wenfei Zhang and Xiaojian Li. Analytic solution of poro-mechanical problems in a hollow axisymmetric domain. *Applied Mathematics and Computation*, 97(2–3):209–221, December 15, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL

- <http://www.sciencedirect.com/science/article/pii/S0096300397100583>.
- [ZL98b] Song-Ping Zhu and Huan-Wen Liu. On the application of multiquadric bases in conjunction with the LT-DRM method to solve nonlinear diffusion equations. *Applied Mathematics and Computation*, 96(2-3):161-175, November 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397101308>.
- [ZPY99] [Zhu:1998:AMB] Tonglin Zhu and Wei Lin. Fast wavelet algorithm of the Poisson integral. *Applied Mathematics and Computation*, 96(2-3):127-144, November 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397101114>.
- [ZMV99] [Zorzano:1999:NST] M. P. Zorzano, H. Mais, and L. Vazquez. Numerical solution of two dimensional Fokker-Planck equations. *Applied Mathematics and Computation*, 98(2-3):109-117, February 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397101618>.
- [ZS98] [Zheng:1999:MMU] Chen Zheng, He Ping, and Chen Yan. A mathematical model using artificial neural networks to forecast shares tendency. *Applied Mathematics and Computation*, 99(1):71-76, March 1, 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397101734>.
- [ZS99] [Zaslavsky:1998:AMT] Leonid Y. Zaslavsky and Tamar Schlick. An adaptive multigrid technique for evaluating long-range forces in biomolecular simulations. *Applied Mathematics and Computation*, 97(2-3):237-250, December 15, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397101461>.
- [Zheng:1999:SSI] Shiming Zheng and Fangyu Sun. Some simultaneous iterations for finding all zeros of a polynomial with high order convergence. *Applied Mathematics and Computation*, 99(2-3):233-240, March 15, 1999. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397101461>.

- com/science/article/pii/S0096300398000095.
- [ZSL98] Y. G. Zhang, M. Sugisaka, and X. J. Li. Lifelike artificial trees based on Growth Iterated Function System. *Applied Mathematics and Computation*, 91(1):3–8, April 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397100108>.
- [ZYB96] **Zhang:1998:LAT** Lin Zhenghua, Li Yong, and Yu Bo. A combined homotopy interior point method for general nonlinear programming problems. *Applied Mathematics and Computation*, 80(2–3):209–224, December 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300395002952>.
- [ZYW97] **Zhou:1995:NAO** Shen Zuhe, Huane Zhen Yu, and M. A. Wolfe. An interval maximum entropy method for a discrete minimax problem. *Applied Mathematics and Computation*, 87(1):49–68, November 1997. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300396002202>.
- [ZW95a] **Zhou:1995:OCF** Jing Zhou and Luther W. White. Numerical approximation of optimal control of fluid equations with buoyancy. *Applied Mathematics and Computation*, 71(1):47–68, August 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039400139U>.
- [ZW95b] **Zeng:1998:SAS** Jinping Zeng and Shuzi Zhou. Schwarz algorithm for the solution of variational inequalities with nonlinear source terms. *Applied Mathematics and Computation*, 97(1):23–35, December 1, 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0096300397101291>.
- [ZZ98] **Zhou:1995:OCF** Jing Zhou and Luther W. White. Optimal control of fluid equations with buoyancy. *Applied Mathematics and Computation*, 71(1):15–45, August 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S009630039400138T>.