A Complete Bibliography of Publications in *Applied Mathematics and Computation*: 1995–1999

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

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

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

20 December 2023
Version 1.05

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]. $A^{(2)}_{T,S}$ [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].

63 [Cab95].

88 [Mus98].

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** [RBPK96]. **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, Koł95, 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** [BI98]. **codes** [GMGCL99, GBS99]. **coefficient** [BB96, HZL97, TG97]. **coefficients** [FBSS96, WJO97]. **Coexistence** [BR98]. **collisions** [TPS98]. **collocated** [Kum95]. **collocation** [BPE99, Bla96, FS98, GL95]. **collocation-type** [GL95]. **combination** [He98, Jia99, QC98]. **combinatorial** [GS97]. **Combined** [Lu98, EM98, LYF97, ZYB96]. **combustion** [LS98b]. **commonality** [ITN98a]. **communication** [WW99a, WW99b]. **compact** [Ram98a]. **Compactly** [Wu97]. **comparative** [KA96b, Waz99b]. **comparison** [Beh95, KSZ$^+$95, MBS98, Waz98a, Zha95]. **comparisons** [JK98]. **competing** [MFGW97]. **Competition** [ZK98, FW98, LG97, SSW99]. **competition-diffusion** [FW98]. **competitive** [AdO98]. **complementarity** [Bai98, Lin96, Zha99b]. **Complete** [ITN98a, Koz95]. **completeness** [Kor97]. **Complex** [SY98, Tak98, TSK98, Waz97c, ZB97]. **componentwise** [SBH96]. **composite** [AAAaZ99a, ENAAA95, FH98]. **compositions** [Ada98]. **compound** [Ram99a, Rol98]. **compressible** [HRA98]. **Comput** [Cab95, Mus98]. **Computation** [BJTW98, WSL99, Dég96, GS95, LLL97, LLX96, LUL97, RR99, Wan96]. **Computational** [Cos99, HRA98, GSZS98, Ham98b, JR95, MFGW97, NR98, Sel95, Sev99a]. **computations** [HSA97]. **Computed** [PZ99]. **Computer** [DGU96, GMGCL99, BR99a, Bay98b, Bay98a, BY99, KKPL96, TG97]. **computing** [Abu99b, Bil96, Che96a, JCC98, SY98, XZL98]. **concave** [Van95]. **concavity** [HS99]. **concept** [SS98b]. **condition** [Khu98a, Lin96, Wu97]. **conditions** [AD98, Arg97a, Arg98, Arg99b, Cab94, Cab95, CZ99, GG96, ITN98b, Ino99, JPF95,

KBS96, RGL98, Ram98d, SZ97, VD97, Van95, Waz97a]. **conduction** [CL98a, Ona97]. **conductivity** [CBYK99, KBÖ99, YS98b]. **Conference** [Ano99e, Ano99f]. **confidence** [WLB97]. **conflict** [BDS96, HKFP97, ITN97, RPT97]. **conforming** [Lee98, XL98]. **conjugate** [Mou95, PZ99]. **conjunction** [ZL98b]. **connecting** [BD95]. **connectivity** [CS99]. **Conservative** [HSA97, FPGV95]. **Consistency** [Beh96a, JK98]. **consistency-driven** [JK98]. **constant** [BNN95, LG99]. **Constitutive** [LK95, BNN95]. **Constrained** [KUX95, Let97, Fab96, RL96, Sun98, UK95]. **constraints** [Gzy97, IKU96]. **constructing** [Arg96a, Arg98, Arg99d]. **Construction** [Boy97a, NLC95, EGH97, EGH98, Jin97, JS98a, JPF95, TJ95, BK99]. **Constructions** [Sas95a]. **consumer** [SMY95]. **contact** [Abd99]. **contaminant** [HY98, HY99b, LS98a]. **contemporary** [MA95]. **contents** [Ano97u, Ano95o]. **Context** [SAL96]. **Context-free** [SAL96]. **contingent** [BS98]. **continuation** [ARM97, McG98]. **Continuous** [SO95, CT96, Jan95, MD98, Pei99, ZK98, Zha99b]. **Continuous-time** [SO95]. **contraction** [Han98]. **Control** [Che96b, Chu97, AM98, BD95, Cha95b, Che95, Chu96, EM98, Fab96, GL99, Hab95, Kum95, Lam98, LR95, Lei95, Lia97, Liu95, Mil95, MZV96, Pap95, Per96, PJ95, RL96, RRB95, RB95, SST95, SWL98, SMY95, UTL$^+$95, UHL96, VLP95, WSL99, ZW95a, ZW95b]. **controllability** [Chu98]. **Controllable** [Sha97]. **controlled** [TH95]. **controller** [KH95]. **Controlling** [KP96]. **controls** [IOAB95]. **convection** [Had95, YS98a]. **Convergence** [Arg99a, CL99, HW98, JN95, MLB99, YJ99, Arg97b, Arg99c, BS97, CN97, Cha96a, EGH97, EGH98, FHG96a, FT97, Gao98, GB98, KBS96, XL99, Yan98, ZS99]. **convergent** [HZL97, SS98a]. **convex** [Cro95, LYF97, PS96, Sor94, Sor97a, XZL98, Zha97c]. **convexity** [HS98, HS99]. **conveying** [ST96]. **convolution** [GS97, WP97]. **coordinate** [Ham97, FHG96a]. **corner** [HHZ97]. **correction** [JNF95, JNF96, PGHX99, VR99e]. **corrections** [VR99f]. **correlated** [Ami99, Kha96, Mil95]. **corrosion** [BDJR98]. **coshoidal** [Boy97b]. **Couette** [Uen95]. **counterions** [Kub97]. **counting** [FpDS99]. **Coupled** [Ado96b, FH98, Ham97, RRB95, UR97]. **couples** [Rin98]. **Crank** [HM99]. **criteria** [AFM97, FL99, HM99, HH96b, HH96a, HH97, MS99, Pei99, Sol98, Wan99b]. **Criterion** [HKL98]. **Critical** [Yam95, HF95, TJ95]. **cubic** [Beh95, EB99, Khu98b]. **cubical** [EGH97, EGH98]. **culture** [ZK98]. **curved** [Ham97]. **curvilinear** [HFR98]. **cutting** [PS96]. **cycle** [Kwa96, XL98, XL99]. **cycles** [Alw97, ST96]. **cyclic** [WK95]. **cyclically** [MS95b]. **cylinder** [AA95, AA96, AA99a, ENAAA95]. **Cylindrical** [Yan99, MS95a]. **cylindrically** [AAAaZ99a].

D [RGL97a, Ada99, Cha95a, LS98a, Ram97a, SK96, Van95]. **D-domain** [Van95]. **damage** [LK95]. **damped** [BKS98, JC97a, Kar98]. **damping** [Bar95]. **Darboux** [CZ99]. **data** [GSC95, KUO95, Kha96, KL99b, MMC98]. **data-fitting** [MMC98]. **Dawson** [Let97]. **deadlock** [ITN98b]. **decaying** [CG98]. **decentralized** [HAST98]. **deception** [ITN97]. **decision** [HKFP97, PN97b, RPT97, YH97]. **decomposable** [MS99]. **Decomposing** [HT98]. **decomposition** [ARM97, BS97, DK96, Gol99, He96, Khu98b, LB96, MLB99, Waz95a, Waz95b, Waz97a, Waz98a, Waz99c, Waz99d, XS95, Ye98b, Ye98a]. **decomposition-type** [BS97]. **defined**

[GSI96, Ibr96]. **Defining** [PLPW96]. **definite** [LLX96]. **deformed** [HW98]. **degenerate** [CY98, CC99a]. **degree** [EB99, Kor97]. **delay** [Chu97, Chu98, HG99, HH96b, HH96a, HH97, LL96, She96, Wan99a, Wan99b, YHXX95, ZA96, ZAES96]. **delay-differential** [HH96a, HH97]. **delayed** [WZ95]. **delays** [AR98b, FW98, Kum95, Lu98]. **denominator** [KKH95]. **dependent** [AAES99, AKK99, Szi98, ZA96]. **Deployment** [BD95]. **derivative** [GSC95]. **derived** [Beh96a]. **described** [MvL98]. **describing** [TETH98, TET99]. **Design** [HZ95, Che95, HZ96, MZ98]. **designing** [YL98b]. **destabilization** [OMN95]. **detecting** [JY97]. **Detection** [Gho96, KK95, SO95, WC99]. **detector** [MFGW97]. **determinants** [CS98, SC96]. **determination** [BPE99]. **determine** [SP95]. **determining** [XZW96]. **developments** [Gol96]. **deviating** [LF99, Pei99, WA98]. **deviation** [Cha96b]. **diagram** [HT98]. **diamond** [Kan97, Kan99]. **dice** [SM95]. **difference** [AW99a, Asa98, BT98, BS98, Hos99, HY99a, JNF95, JPF95, JNF96, KTZK96, KBS96, KBÖ99, KKL99, Mor98, MR99, NFJ94, Pei95, Pei96, RGL97a, RBPK96, Sim99b, SS97, TPL95, VC98, VR99a, VR99b, VR99c, VR99d, WA98, Zha95]. **differences** [JY97, Yil96]. **differencing** [FHG96a]. **different** [CL99, KKPL96]. **differentiability** [Arg99b, Ibr96]. **Differential** [CL98a, KTZK96, Ado97a, ASK98, AY98, BKM95, BD96, Béc98, CG96, CH96, CH99, Chu97, DPTT98, ESI95, FS98, FL99, GG96, GGS97, Gra95, GSZS98, Guo99, Gup98, HZL97, HG99, HH96a, HH97, JC97a, KA95, KW96, KW97, LF99, MD98, MRJ95, NS96, NJC99, PF99, Pei95, Pei96, PGHX99, Ram98b, Ram98c, Ram99c, RAL95, SJ96, SKG97, She96, Sol98, SK98b, SIA96, TET99, WZZ98, WA96, XYY96, Yan97, YHXX95, ZAES96, Zha98c]. **differential-difference** [Pei95, Pei96]. **differintegral** [AK96]. **diffusion** [Ado97d, AR98b, FW98, Gar98, JV98, KP98, Ram97a, Ram97b, Ram98a, Ram99b, Sai99, SZ97, Wan98, ZL98b]. **diffusion-reaction** [Gar98]. **diffusive** [Ram99d]. **Digamma** [WLTS99]. **dilation** [TyG99]. **dilution** [MMMK96]. **dim** [KK95]. **Dimension** [Sol99b, FpDS99]. **dimensional** [Ano97i, Asa97b, CH99, Dua99a, nHyG97, HK96, yHyG99, JBV98, Kan97, KKH95, KD95b, Mus97a, Mus97b, Mus98, Nar99a, NS97, OU99, ST96, Waz98b, Zha97c, ZMV99]. **dimensions** [GL99]. **direct** [Ona97, VR99e]. **direct-correction** [VR99e]. **directions** [CK99]. **Dirichlet** [Van95, Won98]. **disaster** [zHhT99]. **discontinuous** [RC99, WJO97]. **Discrete** [Fri97, JMS98, AP95, CT97, EFS95, FW98, Gol95, GB98, He96, HSA97, HH96b, Kum95, LS99, Lia97, MS99, MB95, Sug95, SMY95, SS98b, WP97, Zen99, ZYW97]. **discrete-delay** [HH96b]. **discrete-numerical** [HSA97]. **Discrete-time** [Fri97, Lia97, Sug95]. **discretization** [LY98, Ona97]. **discretizations** [Arg97a, Ye99]. **discretized** [XL98]. **disease** [Alw97, MAS95]. **disparity** [TETH98]. **dispersive** [Hos99, HY99a]. **displacement** [YBR97]. **displacements** [dBL95]. **dissipation** [Dua99b, OMN95]. **Dissipation-induced** [OMN95]. **dissipative** [WW98]. **distance** [RG98]. **distortion** [Abu99a]. **distributed** [Ada98, Bil96, Che96b, LF99, RAL97, WA98]. **distribution** [BB96, Fin95, Moh99a, Won98]. **distributions** [Bur96, GBS99, JY97, MMT99, Rol98]. **diversion** [RPT97]. **Domain** [He96, Ye98b, Ye98a, Jac95, KR95b, LB96, MLB99, Van95, ZL98a]. **Domains** [Kur99, Guo99, Ham97, HHZ97, Jia97, JPF95].

double [RAL97]. **doubly** [MS97]. **doubly-stochastic** [MS97]. **down** [Szi98]. **Drazin** [Wei98]. **driven** [JK98, Mil95, SK96]. **duality** [Cha95b]. **due** [AA95, AA99b]. **Duffing** [WL97]. **during** [Bar95, Tuc96, YBR97]. **Dusty** [HS96, AH99b]. **Dynamic** [LSY98, AA96, AM98, Bil96, BGY97, CT96, CT97, DF96, Hab95, Kum95, MPD97, SMY95]. **dynamical** [Fri97, GKT96, LR95, Lei95, LS99, OMN95, RR98, Sol99b, SAF$^+$97, Son96, Tuc95, Unb96]. **Dynamics** [Hal98, UR97, Ado97d, BK99, Chu96, Dua99a, HSA97, IKP97, Kaz99, Lam98, Rin98, UTL$^+$95, UHL96, Uen95, ZA96, ZAES96].

early [JY97]. **ecological** [UR97]. **economic** [Chu96, Chu97, Chu98, Lin96, SAF$^+$97, TETH98, Van97]. **ecosphere** [SAF$^+$97]. **ecotoxicology** [AB95a]. **Editorial** [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]. **effect** [AA99a, BR99b, Kub97, Raj97, SEG96]. **effectivity** [HD96]. **Effects** [FHG96a, Kum95, CY98]. **Efficient** [JBV98, HM98, Lia97, RC99, SK98a]. **eigensystems** [AAES99]. **eigenvalue** [AAES99, ABW99, CH96, VD97, Van95]. **Eigenvalues** [WA99, GG96, Lui99]. **eigenvectors** [LLX96]. **Elastic** [KD95a, KD95b, AAAaZ99b, AAA99, AA99c, Che96b, Le98, LK95]. **elasticity** [Lee98]. **elastodynamics** [LM95]. **electric** [JS98b]. **electrical** [KBÖ99, Sev99b]. **electromagnetic** [Ado96b]. **electronic** [MNK99]. **electronics** [SP95]. **element** [Cha96a, CW97, CL98b, DZ99, Gol96, Gu99, nHyG97, HY98, yHyG99, KA95, KWS95, KL99a, KP98, Lee98, LC97, Lin98, Moh99a, Ohm98, VD97, Van95, Yan98, Ye98b, Ye98a]. **elementary** [HZ95, LS99, Sas95b]. **Elements** [BR99a, Gri98, HZ95, HZ96, XL98, YK97b]. **elliptic** [AD98, AZK96, CG96, Cen97, GL99, HHZ97, Jia97, KA95, SKG97, Sri95, VD97, WJO97, Yan98, Ye98a]. **elliptic-type** [AZK96, Cen97, Sri95]. **embedding** [LFS95]. **emission** [BKS98]. **enclosures** [Wol98]. **enforcement** [FHK97]. **engineered** [AS99]. **entire** [KR95b]. **Entropy** [FT97, Din98, FT98, Tag99, ZYW97]. **Entropy-convergence** [FT97]. **entry** [Tuc96]. **environmental** [FHK97, HKFP97, Van97, YH97]. **environments** [LG97]. **enzyme** [Bay97, Bay98b, BY99]. **epidemic** [BGY97, DML98, Kim96, KP98, MAS95]. **epidemiology** [IKP97]. **Epstein** [AZK96, Cen97, Sri95]. **equation** [Abd99, Ado96c, Ado97b, AR98a, Asa98, AY98, BK99, Boy97b, BT98, DVD95, DH99a, DK96, DZ99, nHyG97, HM98, yHyG99, JBV98, KW96, KW97, Khu98b, Khu98c, LM95, Ona97, Pei95, Pei96, Ram98b, Ram98c, RC99, Sai96, Sai99, Sim99a, Sim99b, TET99, Tak98, TG97, UK95, VR99b, VR99c, VR99d, Wan99a, Waz97b, Waz98b, Waz99c, WL97, WCG97, Yan99, Zha96b, Asa97a]. **Equations** [Mur96, Ado96b, Ado97a, Ado97c, AW99a, AR98b, ASK98, AK96, AC97, Bai99a, BKM95, BD96, BNN95, Bay98a, Béc98, Bla96, CY98, CZ99, Cha95b, Cha95a, Cha96b, Che97, CH99, CC99b, Chu97, DEV95, Din98, DPTT98, ESI95, ES99, FS98, FHG96b, FL99, GG96, GGS97, Gol99, Gra95, GSZS98, Gu99, Guo99, GL95, Gup98, HZL97, HG99, JV98, JN95, KA95, KTZK96, Kar98, LL95, LY98, LP97, MRJ95, Mor95, MBS98, NS96, NJC99, NS97, NLC95, OM99, Pap95, PF99, Pei99, PGHX99, Ram97a, Ram97b, RGL97a, Ram98a, Ram99b, Ram99c, RAL95, SJ96, SKG97, She96, SS98a,

SK98b, SIA96, SS97, TETH98, TPL95, VR99f, VR99a, VR99b, VR99c, VR99d, VR99e, Wan98, Wan99b, WZZ98, WK96a, WK96b, WA96, WA98, XYY96, XZW96, Yan97, Ye98b, Ye99, YHXX95, ZAES96]. **equations** [Zha95, Zha98c, ZW95a, ZW95b, ZL98b, ZMV99]. **equicorrelated** [KB98]. **equicorrelation** [BB96]. **Equilibrium** [AD98]. **Equivalence** [Zha97b]. **equivalent** [VR99b, VR99c]. **ER-materials** [LR95]. **Erdélyi** [ASK98]. **Erratum** [Ano97i, Cab95, JNF95, Mus98, Sor97a]. **Error** [CLC97, GL95, Hua99, QA98, Tuc96]. **errors** [BBB97, Kha96]. **estimate** [CLC97, Sas95b]. **estimates** [GKT96, Hua99]. **Estimating** [AAAN98, Fin95]. **Estimation** [Ami97, Ami99, WJO97, BY99, CyGK99, Cha95b, CG98, Eis98, FBSS96, FpDS99, GSC95, HD96, KA96b, MFGW97, SU95, Whi97]. **estimators** [ADS96]. **etch** [QC98]. **Euclidean** [RG98]. **Euler** [Boy95, CZ99, CSZ98, VR99a, VR99b, VR99c, VR99d]. **European** [CY99, Váz98]. **evaluate** [BR99b]. **Evaluating** [FHG96b, ZS98]. **evaluation** [CS98, CS96, Gol96, GMGCL99, SC96]. **evaluations** [CRS99]. **evidential** [KK95]. **evolution** [BKS98, Cha95b, HAST98, Kje99, Pap95, YL98b]. **evolutionary** [ES99, IFU98]. **Evolving** [JL97]. **Exact** [Jan95, RR99, Ham98a, JPF95, WP97]. **exactly** [LMSS97]. **example** [Chu98]. **Exceptional** [Zha97c]. **excitation** [EB99]. **exclusion** [XZW96, XZL97]. **exhibiting** [NR98]. **Existence** [AW99b, CC99a, Gar98, Kim96, Sor99, CY98, JS96, Lin96, Sor96, JPF95, MR99]. **exoatmospheric** [CO96]. **expansion** [GL95]. **experimentally** [Abu99b]. **experiments** [Jac95]. **explanatory** [Ami97]. **Explicit** [Ado97a, ASK98, KR95a, Sim99a, TS98, Hos99, PF99]. **explosion** [CK95]. **exponent** [WL97]. **exponential** [Ami97, CMM96, Gho96, JMS98]. **exponentially** [Ram99d, Sim99a]. **exponentials** [CG98]. **exponents** [Kaz99]. **Extensions** [GS95]. **external** [Raj97, Van95]. **Extinction** [AdO98]. **Extrapolation** [HHZ97, KKPL96]. **Extremum** [Sor94, Sor97a]. **eye** [EM98].

factorization [Ram98a, Ram99b, Zha98d]. **factors** [HI97]. **Falkner** [Asa97a, Asa98]. **families** [Gho96, Mus97b, Zha97c]. **family** [Ano97i, BT98, HZ98, MW96, Mus97a, Mus98]. **farms** [HYL97]. **Fast** [ZL98c, BPE99, Jay96, Jin95, MOP+97, Tuc95]. **faster** [Arg98]. **feasibility** [Cro95]. **feasible** [CK99]. **feedback** [WSL99]. **feedforward** [WSL99, MZ98]. **Fériet** [MS95a]. **Fermi** [Waz99c]. **field** [SEG96]. **fields** [SK95]. **film** [KH96]. **Filter** [CO96, Cic99, KK95, Sug95]. **filtering** [SU95, DH99a]. **filters** [KKH95]. **filtration** [SK95]. **Finding** [XYY96, Die96, HZ98, XZL97, ZS99]. **Finite** [Moh99a, VD97, Asa98, BT98, BS98, Cha96a, DZ99, FG95, Gri98, Gu99, nHyG97, HK96, HY98, Hos99, HY99a, yHyG99, HZ95, HZ96, KL99a, KBS96, KP98, KBÖ99, KKL99, Lee98, LC97, Lin98, LS98a, MS97, Ohm98, RGL97a, RR99, RBPK96, Sim99b, Van95, XL98, Yan98, Ye98b, Ye98a, Yil96, YK97b, Zha97c]. **finite-difference** [Asa98, BT98]. **finite-dimensional** [HK96, Zha97c]. **first** [BKM95, Cab94, Cab95, CN97, GL99, HG99, MR99, VS96, Yan98, YL98a, YBR97]. **first-order** [Cab94, Cab95, GL99, VS96, Yan98, YL98a]. **fitted** [Ram99d, Sim99a]. **fitting** [MMC98]. **five** [Zha96b]. **five-point** [Zha96b]. **Fix** [Wu97]. **fixed** [BR99b, Wan96, YL96]. **fixed-effect** [BR99b]. **fixed-point** [YL96]. **flares** [zHhT99]. **flat** [Mit97]. **flatness** [JC97b]. **flexible** [LFS95]. **flood** [zHhT99]. **flow** [AH99a, AH99b, FH98, Had95, HF95, HS96, Ham97, HFR98, KW96, KW97,

Khu98a, KL99b, Sel95, Uen95, WZ98, HF95]. **flows** [BJTW98, Gre97, Ham98a, HRA98, Ohm98, PN97a, Raj97, Ram98d, TSK98]. **fluctuating** [Raj97]. **fluid** [AH99b, Ham97, HRA98, KH96, KD95a, KD95b, KW96, Kub97, Ohm98, PN97a, STD98, ST96, Waz97b, WZ98, ZW95a, ZW95b]. **fluids** [Had95]. **fluorescence** [HRA98]. **flux** [Cos99]. **FM** [Abu99a]. **Focal** [NS96]. **Fokker** [ZMV99]. **follower** [OMN95]. **food** [JA99]. **Forced** [Wan99a]. **forces** [Che96b, OMN95, ZS98]. **forcing** [Dua99b]. **forecast** [zHhT99, ZPY99]. **forecasting** [CT96, CT97]. **forest** [KUO95]. **form** [FH95, LY98, NFJ94, Ye99]. **formal** [FHG96b]. **formation** [Gre97]. **forms** [Die96]. **formula** [CSZ98, Zen99]. **formulation** [XZL97]. **formulations** [KSZ+95, Lam98]. **forward** [VR99a, VR99b, VR99c, VR99d]. **Fourier** [Abu99b, Gzy95, Gzy97, Kan99, KWS95, RAL95, RAL97, Zen99]. **fourth** [Pei95]. **fourth-order** [Pei95]. **fractal** [FpDS99]. **Fractional** [CS97, ES99, Nar99a, ASK98, AK96, CSY98, ESI95, ESR99, KVT98, dRS98]. **Fractional-order** [ES99]. **framework** [PMMA97]. **Fredholm** [GGS97]. **free** [BJTW98, CS96, Kor97, SAL96, Sai96]. **freedom** [EB99]. **freezing** [QA98]. **frequency** [BKS98, Fin95, Jac95, Reg96, SEG96, SK95]. **Frobenius** [Din98, DZ99, MS97]. **frontier** [LSY98]. **Function** [ZSL98, CSZ98, DS99, HH99, JS96, JMS98, LY98, Li98, LP97, Pap96, PJ95, Sor94, Sor97a, Ye99, ZB97]. **functional** [Cha95b, Gra95, HKL98, KTZK96, TPL95, Yan97, YHXX95]. **functions** [AAES99, Ano97i, Beh96a, Boy97a, CS95, CS97, CSY98, CMM96, DH99b, DS99, FS98, Ibr96, KR95b, Koł95, Kur99, MZ98, MS99, MW96, MS95a, MvL98, Mus97a, Mus98, Ona97, RC99, Sas95a, Wu97, WLTS99, XZL97, Zha99b]. **Further** [Car97, MS95a, Sri98]. **Fuzzy** [zHhT99, KK95, ÖGDB98, WC99, IFU98].

Galerkin [Asa97b, HY99b, HM99, HY99c, MOP+97, Wan98]. **gamble** [DH99b]. **gas** [AH99a, HS96, HFR98, Uen95]. **gas-particulate** [AH99a, HFR98]. **gasdynamic** [LS98b]. **gases** [MBS97]. **Gauss** [GMGCL99, KL99b, Zha96b]. **Gaussian** [CMM96, MMT99, Mil98]. **gel** [Kub97]. **gel-fluid** [Kub97]. **Gel'fand** [AR98a, McG98]. **general** [AK96, AB95b, MW96, NFJ94, SA96, Sun98, XZL97, ZYB96]. **generalization** [Boy95, CK99]. **generalizations** [AZK96]. **Generalized** [MS99, VS96, Won98, AA99b, Arg96b, Arg97a, Arg99e, Cen97, Che96a, DS99, Gup98, HZL97, He96, HZ98, JS96, Sri95, Sta99, TyG99, XS95, YJ99, Zha98d]. **generated** [Arg97b, Arg99c, KVT98, KTZK96]. **Generating** [BI98, CS95]. **generation** [SR97]. **generators** [Ada99]. **genetic** [CLC97, JL97, RG98, ONOT98]. **geometric** [AB95a, Sas95b]. **geometries** [AH99b]. **geometry** [Mit97]. **geostrophic** [Dua99a, Kaz99]. **Ginzburg** [Tak98]. **Global** [GLL98, LG99, CY98, Chu96, Le98, MBG95, MvL98, Wol96, Yam95, ZAES96]. **globally** [SS98a]. **GMCR** [HKFP97]. **GMRES** [Kwa97]. **Gompertz** [ADS96]. **Gordon** [Ado97b, BT98, WCG97]. **Goursat** [Waz95a]. **gradient** [BNN95, Mou95, PZ99, WSL99]. **grain** [Gre97]. **Grande** [BDS96]. **granular** [Ahm99]. **graphs** [BR99a, CS99, Kor97]. **gravity** [Ahm99, TJ95]. **Gray** [GBS99]. **Greece** [MBG95]. **grid** [LS98a, SR97, TSK98, Ye99, Zha98b]. **ground** [AKK99]. **ground-level** [AKK99]. **groundwater** [HY98, HY99b, HM99, HY99c, HY99a, LS98a, YCZ98]. **Group** [KR95a, JK98, Wei99b, YB99]. **groups** [Bil96, WW99a]. **Growall** [EORA99].

growth [Chu96, JA99, PN97a, TET99, ZA96, ZSL98]. **Grünwald** [He98].

Half [Reg96, AA99c, Abu99a, dBL95]. **half-space** [AA99c, dBL95]. **Half-wave** [Reg96, Abu99a]. **Halley** [HS99]. **Hamburger** [FT97]. **Hamilton** [YST97]. **Hamiltonian** [BT97]. **Hammerstein** [GL95]. **Hankel** [KA96a]. **Harmonic** [Abu97, EB99]. **Hartley** [Jay96]. **Hausdorff** [Tag99]. **having** [Sas95a]. **Hawaii** [RPT97]. **head** [EM98, HKL98]. **heat** [AA95, AA99b, CL98a, Ona97, ŞKB95]. **heat-conduction** [Ona97]. **heavy** [AKK99, TPS98]. **heavy-ion** [TPS98]. **Helmholtz** [JBV98]. **hemopoietic** [TH96]. **hereditary** [CY99, Chu96, HHT98, LS95]. **Heteroclinic** [ST96]. **heterogeneous** [LZ96]. **HIC** [HKL98]. **hierarchical** [PMMA97, TyG99]. **High** [LF99, Zen99, SP95, TS98, ZS99]. **High-accuracy** [Zen99]. **Higher** [GG96, AW99a, JNF95, JNF96, NFJ94, WA98]. **Higher-order** [GG96]. **Hilbert** [Cha95b, Mor95]. **history** [FHG96a]. **HIV** [HD96]. **hollow** [AA99a, ZL98a]. **Holm** [Boy97b]. **holon** [HAST98]. **Homfly** [GMGCL99]. **homogeneous** [AAAaZ99a, AAA99, ENAAA95, Kur99]. **Homotopy** [YL96, LYF97, XYY96, ZYB96]. **Hopf** [DVD95, GLL98, LLL97, NLC95]. **Hopf-bifurcation** [GLL98]. **horizontal** [Had95]. **Hubbell** [AZK96, Cen97, Sri95]. **hull** [BJTW98]. **hulls** [XZL98]. **human** [EM98, TET99]. **hybrid** [Bai97, Bai99b, ONOT98, RBPK96]. **hydropower** [MPD97]. **hyper** [Ano97i, Mus97a, Mus98, TyG99]. **hyper-dilation** [TyG99]. **hyperbolic** [BKM95, Car97, FBSS96, KTZK96, Pei99, Sev99a, Wan99a, Wan99b]. **Hypergeometric** [MSZ96, CS95, CRS99, DS99]. **hyperquadrilaterals** [Yeh97].

ideas [WK98]. **Identification** [Eis98, RAL95, WW98, CBYK99, HHT98, SJ96, Sci97, Unb96, XS95]. **identifier** [YB99]. **identify** [PMMA97]. **identities** [GS97, MSZ96, Yür99]. **II** [Wan99b, Arg96b, Arg99e, Cos99, EGH98, GS95, GSZS98, HF95, KD95b, VR99b, Zha98a]. **III** [VR99c]. **ill** [DH99a]. **ill-posed** [DH99a]. **images** [KKH95]. **imaging** [HRA98]. **imbedding** [NS97]. **imbricate** [Boy97a]. **Impact** [MBG95]. **implementation** [FpDS99, GXQ99]. **Implicit** [Ram98a, DPTT98, JNF95, JNF96, NFJ94, Ram98b, VR99e]. **Impossibility** [ITN97]. **impressing** [Abd99]. **improve** [HYL97]. **Improved** [MF99, QA98]. **Improvement** [NR99b]. **impulses** [KTZK96, She96]. **Impulsive** [CY98, Liu95, BKM95, FL99, Guo99, HG99]. **impulsively** [Kar98]. **inclusion** [KD95a, KD95b]. **inclusions** [CG96]. **incomplete** [MS95a]. **incompressible** [Waz97b]. **inconsistent** [GSI96]. **incorporating** [ONOT98]. **incorporation** [NR99b]. **increasing** [Yil96]. **incremental** [GP97]. **indefinite** [YK97b]. **independence** [Arg97a]. **independent** [AP95]. **Indeterminate** [Har95]. **Index** [Ano99i, Ano99g, Ano99h, Ano99j, Wei98, Ano95h, Ano96h, Ano97k, Ano98d, Ano98e, Ano98f, Ano98a, Ano98b, Ano98c, Ano99c, Ano99a, Ano99d, Ano99b, Kor97]. **indexed** [MS95b]. **Indices** [HS99]. **indirect** [BPZ96]. **induced** [OMN95]. **inelastic** [BNN95]. **inequalities** [AP95, EORA99, KTZK96, LF99, PZ97, PK98, ZZ98, Zha97c]. **Inequality** [IKU96, YST97]. **inexact** [Arg97a, Arg99a]. **infection** [HD96]. **inference** [KB98]. **infinite** [AAA99, ENAAA95, Sas95b, Waz98b, WLTS99, YHXX95, dRS98]. **Influence** [Ahm99, BR99b, BBB97, DML98].

Information [Van98, IL95, Par95]. **inhibiting** [JA99]. **inhomogeneous** [AA96, Sai99]. **initial** [AA99a, AAA99, BBB97, CN97, ENS96, GKT96, NJC99, RGL97b, TS98, WCG97]. **initial-boundary** [WCG97]. **initial-value** [RGL97b, TS98]. **Injury** [HKL98]. **input** [ABT98, AA96, Moh99b]. **input-output** [ABT98]. **instabilities** [HSA97]. **instantaneous** [AA95]. **integer** [xZ98]. **integrable** [BK99]. **Integral** [Abd99, AG99, ASK98, AZK96, Bla96, Cen97, DEV95, EORA99, ES99, Gol95, KVT98, Khu98c, LM95, Let97, OM99, Sri95, WR96, WK96a, WK96b, ZL98c]. **Integral-based** [AG99]. **Integrals** [CSZ98, Beh96b, Koz95, MS95a, Waz97c, Wol98, Yeh97]. **Integration** [BNN95, ARM97, LC97, LM98, MF99, MRJ95, RAL95, TS98, WZZ98]. **integro** [FL99, GGS97, Guo99, TET99]. **integro-differential** [FL99, GGS97, Guo99]. **integro-partial** [TET99]. **Integrodifferential** [NS97, Sol99a]. **Intelligent** [SWL98, MFGW97]. **interaction** [AA99b, Yam95]. **interactions** [JFW96, WZ95]. **interconnections** [SP95]. **interdependent** [ITN97]. **interdimensional** [Ano97i, Mus97a, Mus98]. **intergrid** [KL99a]. **interior** [LYF97, ZYB96]. **Intermediate** [RGL98]. **intermittently** [Kar98]. **intermodulation** [Abu97]. **internal** [PJ95]. **interpolating** [Bur96]. **interpolation** [Dég96, GSC95, Jia99, MvL98]. **Interval** [TH96, Wol96, Wol98, Eis98, LL96, Sha97, ZYW97]. **intervals** [WLB97]. **intervention** [BGY97]. **Intrinsically** [Béc98]. **Introduction** [SU95, Sug98, Udw95, UTL$^+$95, UHL96]. **invariant** [LS99, NS97, Tak98]. **Inverse** [Lam99, Tag98, HZL97, Lin98, MB95, Sev99a, Sev99b, SY98, SP95, Wei98, Wei99b, YS98b]. **inverses** [Che96a, Sta99]. **inversion** [Hai97]. **investment** [OU99]. **inviscid** [PN97a]. **involving** [ASK98, CS97, CSY98, CSZ98, Rol98, Waz97c, Yür99, dRS98]. **iodine** [HRA98]. **ion** [TPS98]. **irrigation** [MPD97]. **isolated** [RRB95]. **isoparametric** [LC97]. **isotropic** [AA95, AA96]. **issue** [GSZS98, SU95, Sug98, Udw95, UTL$^+$95, UHL96]. **Italian** [Chu98]. **Iterated** [ZSL98]. **iterates** [Nar99a]. **iteration** [Bai97, Bai99b, SL99]. **iterations** [CG96, ZS99]. **Iterative** [Che96a, Che97, Pei95, CN97, EGH97, EGH98, FBSS96, JN95, LS95, Lu98, Zha97a, Zha98c]. **IV** [VR99d]. **IVPs** [KKPL96].

J. [Di 98]. **Jacobi** [CS95, YST97]. **jet** [JFW96]. **jets** [Ram99a]. **Jones** [EMEH96]. **July** [Cab95]. **jumping** [IKU96]. **Junction** [RB95, SEG96]. **Jupiter** [Tuc97].

Kadomtsev [Ado96c, TG97]. **Kakutani** [Wan96]. **Kampé** [MS95a]. **KdV** [Ado97c]. **Kernel** [Kan99]. **kernels** [Jin97, JS98a, NS97]. **kind** [WK96a]. **kinds** [ESL98]. **kinetic** [Bay97, BY99, RR98]. **kinetics** [Bay98b]. **Klein** [Ado97b, WCG97]. **Knopoff** [Ado96a]. **knot** [Beh95]. **Kober** [ASK98]. **Kobori** [LS97]. **Korteweg** [RC99]. **Kramer** [Sai96]. **Kutta** [PF99, Sim97, SIA96].

lacunary [FT98]. **Ladik** [TPGV97]. **lag** [Boy95, Sim99b]. **lag-averaged** [Boy95]. **Lagrangian** [Lam98]. **land** [AFM97, PMMA97, RPT97]. **land-water** [RPT97]. **Landau** [Tak98]. **Laplace** [Gzy95, Gzy97, Hai97, MNK99, Yan99, Yür99]. **Large** [Cha96b, Bai98, BNN95, KWS95, KSZ$^+$95, ÖGDB98]. **largest** [AAES99]. **lattices** [DH99a]. **laws** [Chu96]. **layer** [AAA99, Had95, Waz97b]. **layered** [ENS96, dBL95]. **layers** [FH98, NR98]. **lead** [YHXX95]. **learning** [ESL98, IFU98, Per96]. **Least** [AB95a, Cha96a, SUJ98, SSY99, Whi97, Yan98, YL98a, Ye98b, Ye98a].

least-square [Ye98a]. **Least-squares** [Cha96a, Ye98b]. **length** [HF95]. **level** [AKK99, LL95, LY98, YK97b, Zha97a, Zha98c]. **Levitan** [AR98a]. **Liapunov** [Sol98]. **libration** [Tuc97]. **Lidstone** [WA99]. **Life** [Sug98, JS98b]. **Lifelike** [ZSL98]. **Lighthill** [Boy97a]. **like** [Arg96a, Arg96b, Arg97a, Arg99a, Arg99d, Arg99e, Beh96a, GP97, Hua99, Yan99]. **Limit** [Alw97, Sta99]. **limiting** [MMMK96, ZK98]. **line** [AA99b, Hai97, HT98, dBL95]. **linear** [Abu99a, Bai97, Bai99b, Béc98, BT97, Cab94, Cab95, Cha95b, Cha95a, Che97, DPTT98, Eis98, GS99, GKT96, He98, HI97, JY97, Jia99, KB98, LMSS97, Lee98, LM98, Mor95, MR99, NS96, Pap96, PN97a, PK98, QA98, RAL97, Reg96, Rin98, Sai99, Sug95, Wei98, Wei99a, YK97a]. **linearities** [EB99]. **Linearization** [Ram97a, Ram97b, RGL97a, RGL98]. **Linearized** [Ram99b, Ram99c, RGL97b, Ram98a, Ram98b, Ram98c, Uen95]. **Liouville** [ABW99]. **lipid** [Kub97]. **Lipschitz** [Arg97a]. **liquid** [Ram99a]. **load** [dBL95]. **Local** [GSC95, Kaz99, CW97, Sol99b, Yam95]. **locally** [MvL98]. **location** [Van98]. **logistic** [JS96, Ram98b, Ram98c, TET99]. **lokahi** [YH97]. **long** [ZS98]. **long-range** [ZS98]. **Lotka** [AdO98, LL96, MW98, SA96]. **lottery** [Fin95]. **Love** [AAA99, Rin98]. **low** [Ram99a, SEG96]. **lowest** [CL98b]. **lowest-order** [CL98b]. **LTDRM** [SZ97, ZL98b]. **lubrication** [KH96]. **lunar** [TJ95]. **Lyapunov** [Kaz99, WL97].

M [Di 98]. **Maclaurin** [CSZ98]. **macroeconomic** [Moh99c]. **magnetized** [AC97]. **making** [PN97b, YH97]. **management** [HKFP97, YH97]. **manifold** [Lia98, SST95]. **manifolds** [Sol99b, SK98b]. **many** [Dég96, HI97]. **many-variable** [Dég96]. **mapping** [GF96, Sor97b]. **mappings** [Sor99]. **Maps** [Ram98b, Nar99a, UR97]. **Marcel** [Kan99]. **Marchenko** [AR98a]. **market** [SMY95]. **Markov** [Har95, MS97]. **Mars** [Tuc96]. **Massively** [Dég96, HI97]. **Master** [Ada98]. **Master-slave** [Ada98]. **material** [AA99c, ENAAA95, HSA97, SZ97]. **materials** [LR95]. **Math** [Cab95, Mus98]. **Mathematical** [STD98, HD96, KSZ+95, Mur96, ZPY99]. **matrices** [ABT98, JCC98, KA96a, LLX96, RG98]. **matrix** [Che96a, FHG96a, JN95, LP97, MS97, RAL95, SY98]. **matrix-sign-function** [LP97]. **Maxentropic** [Gzy95, Gzy97]. **Maximum** [FT98, Din98, Kor97, Tag99, ZYW97]. **Maxwell** [Ado96b]. **Mean** [GR97, AB95a, Ibr96]. **measles** [DML98]. **measure** [IL95, Van98]. **measurement** [Rol98, TyG99]. **measures** [FL99]. **measuring** [PLPW96, Tuc95]. **mechanical** [RRB95, UK95, ZL98a]. **mechanics** [Bel95, Udw95]. **mechanism** [IOAB95]. **media** [Ado97e, AH99a, AH99b, ENS96, HS96, LZ96, YBR97]. **medium** [AAAaZ99b, AAA99, Ahm99, KD95a, KD95b, Waz98b, WZ98]. **meeting** [ITN98b, Ino99]. **memories** [GKT96]. **memory** [ALZ99]. **mesh** [Arg97a]. **meshes** [KKL99]. **method** [AD98, Arg99b, Asa97a, Asa97b, Asa98, BPZ96, Bay97, Boy95, Cab94, Cab95, CW97, CT96, CLC97, CT97, CL98b, CK99, CH99, CC99b, Cro95, DEV95, DK96, Din98, DZ99, EFS95, FpDS99, GXQ99, Gol96, Gol99, GL95, HW98, He96, nHyG97, HS98, HS99, HLXZ97, HAST98, HY98, yHyG99, JR95, JV98, KR95a, KA95, KL99a, KL99b, Kwa96, Kwa97, Lee98, LYF97, LLL97, Lin98, LP97, LS98a, LM98, MW98, MOP+97, MLB99, MS95b, Mou95, MBS98, NR98, NR99a, Ohm98, ONOT98, PZ99, Ram98c, RC99, SJ96, SUJ98, Sel95, Sev99a, SKG97, SK96,

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** [ŞKB95, 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** [MMMK96, 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]. **noncolocated** [LFS95]. **Nonconforming** [LY98, CL98b, KL99a, XL99, YK97b]. **Nonconstructible** [Ada99]. **nonconvex** [YL96]. **nonhomogeneous** [Koł95, 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, Koł95, Kur99, SW96]. **parallel-series** [Koł95]. **parallelizing** [YCZ98]. **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].

quadratic [Wan95]. **Quadrature** [MW96, CMM96, Mil98]. **quality** [HYL97]. **quantitatively** [Tuc95]. **Quasi** [SSY99, Dua99a, Gao98, Kaz99, Raj97, Sun98, SL99]. **quasi-geostrophic** [Dua99a, Kaz99]. **quasi-minimal** [Gao98]. **Quasi-Newton** [SSY99, Sun98, SL99]. **quasi-steady** [Raj97]. **quasigeostrophic** [Dua99b]. **quasilinear** [JR95, WA96]. **quasilinearization** [JV98, VS96]. **quaternions** [Car97]. **queue** [Jac95, MS95b, MFGW97]. **queueing** [Mil95, Mou95]. **queues** [Mou96]. **Quick** [SC96, CS98]. **Quickly** [BD96]. **quotient** [Har97].

Radial [HH99, PJ95, FS98, Li98, Wu97]. **radiation** [DGU96, SK95]. **radiative** [MA95]. **radio** [WW99a, WW99b]. **railway** [JS98b]. **random** [Ado96d, Ado97e, BR99a, BI98, Gho96, WP97]. **range** [ZS98]. **rank** [JY97]. **ranking** [JK98, MS99]. **Rapid** [CN97]. **rarefied** [Uen95]. **rate** [LK95]. **rates** [Arg99a, Cha96a, GB98, JN95, MS95b]. **rating** [MS99]. **rational** [Let97]. **Raviart** [CL98b]. **Rayleigh** [AA99c]. **reach** [ITN98b, Ino99]. **reacting** [MBS97]. **reaction** [Ado97d, Gar98, Hos99, JV98, Ram97a, Ram97b, Ram98a, Ram99b, Wan98]. **reaction-diffusion** [Ado97d, Ram97a, Ram97b, Ram98a, Wan98]. **reactive** [AH99a]. **reactor** [NR99a, Sel95]. **Real** [LLX96, LUL97, Hai97, MvL98]. **Real-time** [LLX96, LUL97]. **reallocation** [RPT97]. **reanalysis** [CW97]. **recombination** [SW96]. **Reconstruction** [FG95, Gzy95, Gzy97]. **rectification** [Abu99a, Reg96]. **recurrences** [SW96]. **recurrent** [Ino99, SY98]. **Recursive** [Hai97, WW99b]. **red** [Zha96b]. **red-black** [Zha96b]. **reduced** [WSL99]. **reducible** [MS95a]. **reduction** [KKH95, LO99, Lia98, ŞKB95]. **Refined** [HM99]. **refinement** [CW97]. **Reflection** [MA95]. **reflectionless** [Kin97]. **region** [Khu98a, SSY99, dSYS97]. **regional** [TETH98]. **Regression** [Kha96, AB95a, BBB97, KB98, KA96a]. **Regression-based** [Kha96]. **regular** [JC97b]. **regularization** [DH99a, PZ99]. **regularized** [Whi97]. **regulations** [FHK97]. **related** [CS95, Sta99]. **relation** [GSI96]. **relations** [Beh96a, CS95, SAL96]. **relativistic** [TPS98]. **relaxation** [BS97, Bai98, Son96, Zha96a]. **relaxed** [CL99, CK99]. **reliability** [Ami97, AB95b, Koł95, Kur99]. **reliable** [WK96a, Waz98b, Waz99d]. **remark** [Dua99a]. **Remarks** [Cab95]. **remote** [Cro95]. **remotely** [KP96]. **repeated** [RAL95]. **representation** [Gol95, CS96]. **representations** [Sri98, Sta99]. **research** [DGU96]. **Residual** [Zha97b, Zha98a, Gao98, RBPK96, Zha97a, Zha98b, Zha99a].

residual-finite [RBPK96]. **residuals** [CLC97]. **residue** [Cen97]. **Resolution** [Whi97, FG95, GP97]. **resource** [ZK98]. **Response** [EB99, AA96, JC97a]. **restricted** [Che97]. **result** [LS99]. **resulting** [WW99a, WW99b]. **Results** [Arg96a, Arg96b, Arg99d, Arg99e, Bla96, Car97, Gar98, Le98]. **retarded** [AY98, PF99]. **retrieval** [KUO95]. **Reversible** [OMN95]. **revisited** [KUX95, VC98]. **revolution** [BK99]. **Reynolds** [Ram99a]. **Riccati** [JN95, LP97, MRJ95]. **Riemann** [LS98b]. **Riesz** [Kan99]. **Rio** [BDS96]. **rise** [PMMA97]. **robot** [IFU98]. **Robotics** [Sug98]. **Robust** [Che95, LL96, RL96, KH95]. **root** [HZ98]. **root-finding** [HZ98]. **rotation** [AAAaZ99a, BNN95, ENAAA95, Pav95]. **rule** [Yeh97]. **rules** [DH99b]. **Runge** [PF99, Sim97, SIA96]. **rural** [Van97].

S. [Jia99]. **saddle** [Zha98d]. **salinization** [PMMA97]. **satellite** [KUO95, SST95, VLP95]. **satisfied** [Mur96]. **saturated** [Bar95]. **saturation** [YBR97]. **scalar** [JBV98, KM95]. **scale** [ÖGDB98]. **scaled** [KM95]. **scales** [ABW99]. **scaling** [Zha97b, Zha98a]. **scan** [HT98]. **scattered** [GSC95]. **scattering** [Ado96b, KD95a, KD95b, LM95]. **scheme** [CW97, FPGV95, HM98, JS98b, LR95, Sim99b]. **schemes** [CL99, DPTT98, FHG96a, MW96, VC98]. **Schrödinger** [BK99, FPGV95, He96, Khu98b, Sim99a, Sim99b]. **Schrödinger-type** [He96]. **Schwarz** [YK97b, ZZ98]. **screening** [Kim96]. **search** [HI97]. **Second** [JPF95, AG99, Cha96a, GG96, GGS97, Gup98, KM95, NS96, PGHX99, SJ96, Sol98, TPL95, Van95, VR99c, WK96a, WA96, Yan97, Ye98a]. **second-kind** [WK96a]. **Second-order** [JPF95, GG96, GGS97, KM95, NS96, TPL95, Van95, WA96]. **sedenions** [Car97]. **Seidel** [KL99b, Zha96b]. **self** [JL97, WZZ98]. **self-adaptive** [WZZ98]. **self-organizing** [JL97]. **selfadjoint** [NR99b]. **selftuning** [KH95]. **semi** [AAA99, He96]. **Semi-discrete** [He96]. **semi-infinite** [AAA99]. **semiconductor** [ALZ99]. **semidefinite** [Han98]. **semilinear** [CY98, CZ99, CC99a]. **sensitivities** [Tuc97]. **Sensitivity** [AAES99, CO96, TH96]. **sensor** [Mil98]. **Separable** [KKH95]. **Separable-denominator** [KKH95]. **separated** [TSK98]. **separation** [HF95]. **sequences** [Fio95, Zha99b]. **sequential** [Cro95, BR99a]. **series** [Ami99, Boy95, Boy97a, CS97, CRS99, KWS95, Koł95, Kur99, Lam99, LSKH96, MMC98, RAL95, RAL97, Sri98, Waz97a, Waz98a, WC99, ZB97, dRS98]. **series-parallel** [Koł95, Kur99]. **server** [MS95b, Mou96]. **service** [MS95b]. **servomechanism** [Rya96]. **Set** [PZ97, Cro95, Ibr96, Lin96, Sha97]. **set-valued** [Ibr96]. **sets** [HK96, Zha97c]. **several** [Hua99]. **sewer** [BDJR98]. **sexually** [MAS95]. **shading** [Koz95]. **shape** [Koz95]. **shapes** [Jan95]. **share** [PZZy99]. **shares** [ZPY99]. **Sharp** [AP95]. **Sharpe** [MW98]. **ship** [BD95]. **Shock** [Dav98]. **shooting** [JBV98, Sel95]. **Shortest** [WLB97]. **shuffle** [Lam99]. **sided** [MNK99, Tag98]. **sigmoid** [WR96]. **sign** [LP97, RR99]. **signal** [Abu99a]. **signals** [Abu99b]. **similarity** [Sai96]. **Simple** [KH95, Abu99b, HH96a, JA99, Lui99, WZ98]. **simplexes** [JC97b]. **Simplicial** [JCC98]. **Simulating** [HY99a]. **Simulation** [Raj97, TH95, BR99a, Cos99, DGU96, FPGV95, Gre97, GMS96, HFR98, JS98b, QC98, SK98a, TPS98]. **simulations** [ALZ99, GSZS98, MAS95, MBS97, ZS98]. **simulator** [YCZ98]. **simultaneous** [Li98, ZS99]. **Sinc** [LB96, MLB99]. **sine** [BT98]. **sine-Gordon** [BT98]. **Single**

[HF95, MS95b, Mou96, ZK98]. **Single-phase** [HF95]. **Singular** [RR98, Arg99a, DEV95, JR95, LO99, LUL97, NR99a, NR99b, RB95, VC98, WK96a, Waz99b, Wei98, Wei99a]. **singularity** [AC97]. **singularly** [KR95a, KM95, NR98]. **sinusoid** [Reg96]. **size** [WK98]. **size-structured** [WK98]. **Skan** [Asa97a, Asa98]. **skein** [GMGCL99]. **skein-template** [GMGCL99]. **skill** [ESL98]. **slave** [Ada98]. **small** [Cha96b, KA95]. **smooth** [Sol99b, SSY99]. **smoothers** [SO95]. **Smoothing** [CG96, Gao98, HH99, HSA97, YO98, Zha97a, Zha98b, Zha99a]. **Sobolev** [Gu99]. **social** [DML98]. **software** [DF96]. **soils** [Bar95]. **solar** [zHhT99]. **solids** [LK95]. **Solution** [MW98, OU99, Ado97b, AR98a, AG99, AK96, Asa97a, Béc98, BT98, DEV95, DF96, Fab96, HLXZ97, JK98, KKPL96, KW96, KW97, Khu98c, KSZ$^+$95, NR99b, NFJ94, Ohm98, Sai99, SKG97, Sha97, SA96, Sim97, Sim99a, Sim99b, SK96, SK98b, SS98b, Szi99, TSK98, Waz95a, Waz97a, WW99b, YST97, YK97a, ZZ98, ZL98a, ZMV99]. **solution-adaptive** [TSK98]. **Solutions** [SW96, TG97, Ado97a, AW99b, ASK98, BD96, Boy97b, CY98, CZ99, CC99a, DVD95, DPTT98, Gol96, Ham98a, HHZ97, JPF95, JN95, Kan97, Kar98, Kim96, Lu98, LS98b, MOP$^+$97, NJC99, OM99, PF99, PGHX99, QA98, Sai96, She96, Sim97, Waz98a, WA96, WA98, XYY96, XZW96, Yan99, YHXX95]. **solve** [Mor95, ZL98b]. **Solving** [CH99, FS98, LMSS97, BPZ96, Che97, Din98, GS99, JR95, JBV98, LP97, MBS98, NR98, RC99, SJ96, Sel95, SS98a, SBH96, WZZ98, WK96a, WK96b, WK98, Waz98b, Waz99c, Zha98c]. **Some** [AH99b, Bel95, BB96, CSY98, CRS99, GS97, HH96a, Le98, Lia97, Par95, Unb96, ZS99, dRS98, Abu97, DPTT98, EORA99, GB98, IKP97, KVT98, Koł95, Kur99, Per96, SS97, MSZ96]. **Soriano** [Di 98]. **source** [AA95, AA99b, ZZ98]. **sources** [AKK99]. **southern** [PN97b]. **space** [AA99c, Arg96a, Arg99d, Cic99, Guo99, Ibr96, SK95, Tuc97, dBL95]. **space-based** [Cic99]. **spaces** [Arg96b, Arg99e, Cha95b]. **sparse** [Bai98, Gol95]. **spatial** [BR99b, SK95]. **Special** [GSZS98, Ham98a, SS98a, SU95, Sug98, Udw95, UTL$^+$95, UHL96]. **specialist** [PZZy99]. **specializing** [XZL97]. **species** [SA96]. **specified** [Sas95a]. **spectral** [CyGK99, CC99b, DVD95, nHyG97]. **spectral-finite** [nHyG97]. **spectrophotometry** [SK95]. **spectrum** [Abu99b, HZL97]. **speed** [SP95]. **SPH** [HSA97]. **sphere** [Ano97i, Mus97a, Mus97b, Mus98]. **sphere-packing** [Mus97b]. **spherical** [AAAaZ99b]. **spherically** [AAAaZ99b]. **spills** [BR99b]. **spline** [AM98, Beh96a, Beh96b, Ona97, Wan95]. **spline-on-spline** [Beh96b]. **splines** [Beh95, HH99]. **Splitting** [IKP97, NLC95, RGL98, Wei98]. **SQP** [Sun98]. **square** [Ye98a]. **squares** [AB95a, Cha96a, SUJ98, SSY99, Whi97, Yan98, YL98a, Ye98b]. **squeezed** [BKS98]. **St.** [DH99b]. **Stability** [AR98b, Bil96, Bla96, GQS98, GF96, HH96b, HH97, LS95, Mor98, SSW99, Sol98, VLP95, Bel95, FL99, HH96a, ITN98a, JNF95, JNF96, Kim96, Kum95, LS99, LL96, LG99, PN97a, Sol99a, SBH96, Tuc95, Yan98]. **stabilization** [Lia98, Zha99a]. **stabilizes** [HSA97]. **Stable** [Lar97, BKS98, GGS97]. **stage** [Bai99b, Kha96, SSW99, ZA96, GR97]. **stage-structured** [ZA96]. **stamps** [Abd99]. **standard** [AD98, BB96, VC98, WR96, Yan98]. **state** [BKS98, Bar95, GP97, Kim96, Yam95, ZA96]. **state-dependent** [ZA96]. **static** [Sha97]. **stationary** [JCC98, Sug95]. **statistical** [WC99]. **statistics** [JY97]. **steady** [AH99b, Bar95, BJTW98, CL98a, GP97, Kim96, Raj97]. **steady-state** [Bar95, GP97]. **Stefan** [Asa97b, YS98a]. **stencils** [YO98].

step [Arg97b, Arg99c, Asa97b]. **stepping** [Moh99c]. **Stieltjes** [FT97, FT98]. **stiff** [MRJ95]. **stochastic** [Ami99, Cha95b, Cha96b, JCC98, MBCvdV95, MS97, OU99, Sug95, SS98b, CS96]. **Stokes** [Cha95a, Cha96b, CC99b, GP97, Ham98a, nHyG97, yHyG99, KW97, Khu98a, LL95, LY98, Ye98b, Ye99]. **Stokes-like** [GP97]. **Stopping** [DH99b]. **strain** [KD95a]. **Strang** [Wu97]. **strange** [DVD95]. **strategy** [SWL98]. **stream** [LY98, RPT97, Ye99]. **strength** [Ami97]. **stress** [AA95, AA99a, AAA99, Ami97]. **stress-strength** [Ami97]. **Stresses** [dBL95, AAAaZ99b, AAAaZ99a, ENS96]. **string** [KSZ+95]. **strongly** [JC97a]. **structural** [Kum95]. **structure** [DML98, FHG96a, Jin95, LK95, SSW99, TyG99, Wan95]. **structured** [IKP97, KP98, TSK98, WK98, ZA96]. **structures** [Ano97i, CY99, Mus97a, Mus98, RRB95, Sol99b]. **studies** [AB95a]. **study** [Ano97i, AH99b, Cen97, DH99a, GF96, KA96b, LS98b, MFGW97, Mus97a, Mus98, RR98, SM95, Waz97b, Waz97c, Waz99b]. **Sturm** [ABW99, Zha95]. **Subdomain** [KR95b]. **Subject** [Ano95h, Ano96h, Ano97k]. **subjects** [ITN97]. **submerged** [KD95a, KD95b]. **subsystem** [Mur96]. **successive** [VR99f, VR99e]. **successive-correction** [VR99e]. **successive-corrections** [VR99f]. **Sufficient** [Arg98]. **sum** [Gri98, RR99]. **summation** [CS97, CSZ98, dRS98]. **sums** [WLTS99]. **Sun** [Tuc97]. **superconductors** [Cos99]. **superposition** [CG98]. **support** [HKFP97, RPT97, YB99]. **supported** [Wu97]. **suppression** [RL96]. **surface** [BJTW98, KUO95]. **Surfaces** [BK99, HT98, SUJ98]. **survey** [Kha96]. **survival** [ADS96]. **sustainable** [SAF+97]. **sustained** [WZ95]. **SWAGMAN** [PMMA97]. **Symbolic** [GS95]. **symmetric** [BB96, Szi99, YO98, ST96]. **symmetry** [Yan99]. **symmetry-like** [Yan99]. **Symplectic** [TPGV97]. **System** [Har97, Abd99, Ado97d, AdO98, BY99, BDJR98, CT96, CT97, EB99, FW98, FBSS96, GSI96, GF96, Ham97, HKFP97, JC97a, JV98, Lia98, Lin96, LS98a, MZV96, MBS98, MR99, PZZy99, RR98, SA96, SST95, TETH98, Tuc95, VLP95, WW98, Wei98, XS95, XZW96, Yil96, IFU98, ZSL98]. **systems** [Ada99, AM98, ALZ99, AS99, Bai97, Bai99a, Bai99b, Bay97, Béc98, Bil96, BT97, Che95, Che96b, Chu98, FPGV95, Fri97, FHG96b, GS99, GS95, GKT96, GL99, Har95, Har97, HHT98, He96, HH96b, HH96a, HH97, Jia97, Jin95, JS98b, JNF95, JPF95, JNF96, KM95, Koł95, Kum95, Kur99, Lar97, LFS95, LR95, Lei95, LS99, LL96, MMMK96, MD98, Mor98, Mor95, MBS98, NFJ94, OMN95, RAL97, RL96, RRB95, Rya96, Sha97, Sol98, Sol99a, Sol99b, Son96, SK98a, Sug95, TH95, UK95, Unb96, Wan98, WK95, Wei99a, Yan98, YL98a, MFGW97].

table [PMMA97]. **tailed** [WLB97]. **taking** [LC97]. **target** [CO96, Cic99]. **Targeting** [HYL97]. **Taylor** [HY99b, Waz98a]. **TDM** [WW99a, WW99b]. **technique** [CN97, CL98a, HZL97, JC97a, Khu98b, LM95, RBPK96, TSK98, WK96a, Waz98b, WC99, ZS98, Zha98b, Zha99a]. **techniques** [Bay98b, Bay98a, BY99, DH99a, RGL98, Ram99d, Ram99b, RR98, VR99f, VR99b, VR99c, VR99d, VR99e, Zha97b, Zha98a]. **temperature** [MBG95]. **template** [GMGCL99]. **tendency** [ZPY99]. **tensor** [Jin95]. **terms** [FL99, Waz97a, ZZ98]. **tests** [BB96]. **tether** [Jan95]. **tethered** [SST95, VLP95]. **Thailand** [PN97b]. **their** [ABT98, Arg96a, Arg97a, Arg99d, CS97, CSY98, Kim96, SAL96, Yür99]. **theorem** [Ibr96, LS97, Zha95]. **theorems** [SS97]. **theoretic** [EM98]. **theory** [BR99a, Cen97, CY99, FM96, KW96, Khu98c, LS99, LK95, NR99a, RR98].

therapies [HD96]. **therapy** [DGU96]. **Thermal** [AA95, AAAaZ99b, AAAaZ99a, CK95]. **thermistor** [KBÖ99]. **thermoelastic** [AA96, AA99b]. **thin** [KH96]. **thin-film** [KH96]. **third** [Pei96]. **third-order** [Pei96]. **Thomas** [CL98b, Waz99c]. **three** [Dua99a, EB99, GL99, nHyG97, yHyG99, SA96, ST96, Tuc95, ZK98, KD95b]. **three-body** [Tuc95]. **three-degree-of-freedom** [EB99]. **three-dimensional** [nHyG97, yHyG99, ST96, KD95b]. **three-species** [SA96]. **Time** [Dua99b, LZ96, Moh99c, ABW99, AR98b, AKK99, Ami99, Asa97b, CT96, Fri97, Kum95, LSKH96, LS99, LL96, Lia97, LSY98, Lu98, LLX96, LUL97, MMC98, Ram98c, Sug95, SO95, WZZ98, WC99, ZA96]. **time-delay** [LL96]. **time-invariant** [LS99]. **time-linearized** [Ram98c]. **Time-periodic** [Dua99b, LZ96]. **time-varying** [LSY98]. **times** [RB95]. **Toeplitz** [GS99, Jin95]. **Tomography** [PZ99]. **tool** [TH96]. **tools** [Van97]. **topological** [AW99a]. **tori** [Tak98]. **toroidal** [Khu98a]. **total** [JMS98, SUJ98]. **tracking** [CO96, Cic99, KK95, SO95]. **traction** [Lee98]. **trade** [Van97]. **trade-off** [Van97]. **trading** [MPD97]. **traffic** [Mil95, MFGW97]. **trajectory** [SMY95]. **transfer** [KL99a, MA95, ŞKB95]. **transform** [CH99, Hai97, Kan99, Tag98]. **transformation** [CH96, CL98a, FH95, FHG96a, JC97a, MD98]. **transforms** [Gzy95, Gzy97, Jay96, KVT98, MNK99, Yür99, Zen99]. **Transient** [AAAaZ99b, AAAaZ99a, AA96, SZ97]. **transistors** [SEG96]. **transition** [Kub97, NS97, VD97]. **transmission** [Alw97]. **transmitted** [MAS95]. **transport** [AKK99, HY98, HY99b, HM99, HY99c, Hos99, HY99a, LS98a, LZ96, WW98]. **Transportation** [MFGW97]. **transversal** [VLP95]. **transversality** [AW99a]. **transversely** [AA95, AA96]. **Trapezoidal** [Yeh97]. **trapping** [Cos99]. **Traveling** [Boy97b]. **treatment** [BR99b, PF99]. **trees** [ZSL98]. **trends** [Unb96]. **triangle** [Beh96a, Kor97]. **triangular** [CL98b, Die96, KKL99, Tuc97]. **triangulated** [JC97b]. **triangulations** [Wan95]. **tridiagonal** [MS97]. **trigonometric** [Jia99]. **trimmed** [HT98]. **Trust** [dSYS97, SSY99]. **tubes** [AAAaZ99a, ST96]. **turbulent** [Raj97]. **turning** [NR98]. **twin** [NR98]. **Two** [LL95, MR99, WK96b, Ye99, YK97a, YK97b, Zha98b, Arg97b, Arg99c, Bai99b, CH99, CS99, FL99, Gra97, JY97, KBS96, KKH95, Kha96, LY98, MNK99, Mou96, NS97, Ohm98, OU99, SW96, SSW99, Tag98, VR99f, Waz99b, WW99a, WLB97, ZMV99, GR97]. **two-dimensional** [CH99, KKH95, NS97, OU99]. **two-fluid** [Ohm98]. **Two-grid** [Zha98b]. **Two-level** [LL95, YK97b, LY98]. **Two-point** [MR99, KBS96, VR99f]. **two-sided** [MNK99, Tag98]. **two-stage** [Bai99b, Kha96, SSW99, GR97]. **two-step** [Arg97b, Arg99c]. **two-tailed** [WLB97]. **type** [Ado97c, AZK96, BS97, Cen97, EORA99, GL95, HHT98, He96, Pei96, Sri95, WK96a, Cos99]. **Type-II** [Cos99]. **types** [MSZ96]. **typological** [Ano97i, Mus97a, Mus98].

ultra [TPS98]. **ultra-relativistic** [TPS98]. **unbounded** [AA99b, Guo99, Jia97, JPF95]. **uncertain** [Che95, Lei95, RRB95, TH95]. **Uncertainty** [EFS95, Fri97, Ham98b, IL95, MB95, SL96]. **Unconditionally** [GGS97]. **unconstrained** [Lia97]. **underwater** [BD95, KP96]. **unified** [Arg96a, Arg99d, Tag99, YL98a]. **Uniform** [FL99]. **uniqueness** [Koz95, MR99, Sev99b]. **unitary** [Boy97a]. **units** [LSKH96]. **unity** [Boy97a]. **Universal** [Chu96, Rya96]. **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]. **Voronoı** [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/0096300394000851.

Abd-Alla:1996:TRI

[AA96] 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/0096300394002460.

Abd-Alla:1999:EIS

[AA99a] 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.

Abd-Alla:1999:GTI

[AA99b] 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.

Abd-Alla:1999:PRW

[AA99c] 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.

Abd-Alla:1999:PLW

[AAA99] 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.

Abd-All:1999:TTSb

[AAAaZ99a] 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. Abdalla, 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/009630039400161V.

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/0096300395000682.

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. 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

[Ada99] 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

[Ado96a] 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

[Ado96b] 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.

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/0096300395001867`.

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/0096300395003118`.

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/0096300395003126`.

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 Montes de 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

[AG99] 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`.

Aminzadeh:1997:ERE

[Ami97] 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`.

Aminzadeh:1999:ECS

[Ami99] 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`.

Anonymous:1995:EBa

[Ano95a] 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/0096300395900055`.

Anonymous:1995:EBb

[Ano95b] Anonymous. Editorial Board. *Applied Mathematics and Computation*, 68(1):ii–iii, March 1, 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300395900543`.

Anonymous:1995:EBc

[Ano95c] 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/0096300395900098`.

Anonymous:1995:EBd

[Ano95d] 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/0096300395900438`.

Anonymous:1995:EBe

[Ano95e] 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/0096300395900535`.

Anonymous:1995:EBf

[Ano95f] 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/0096300395900136.

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/0096300395900217.

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/0096300395900454.

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/0096300395900551.

Anonymous:1995:Vd

[Ano95j] Anonymous. Volume 69. *Applied Mathematics and Computation*, 69(2–3):i–ii, May 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/0096300395900519.

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/0096300395900373.

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/009630039590011X.

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/0096300395900039.

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/0096300395900470.

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/0096300395900071.

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.

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.

Anonymous:1996:EBc

[Ano96c] 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

[Ano96d] 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/0096300396900296.

Anonymous:1996:EBe

[Ano96e] 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

[Ano96f] 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.

Anonymous:1996:EBg

[Ano96g] 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/0096300396900417.

Anonymous:1996:SIV

[Ano96h] 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/0096300396900193.

Anonymous:1996:Vb

[Ano96i] 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/009630039690003X.

Anonymous:1996:Ve

[Ano96j] 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/0096300396900053.

Anonymous:1996:Vc

[Ano96k] 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.

Anonymous:1996:Vf

[Ano96l] 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/0096300396900119.

Anonymous:1996:Vd

[Ano96m] 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/0096300396900090.

Anonymous:1996:Vg

[Ano96n] 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/0096300396900211.

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/0096300397900412.

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/0096300397900291.

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.

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 typological 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

[Ano97k] 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/0096300397900035.

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/0096300397900096.

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/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/0096300397900072.

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/0096300397900114.

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/0096300397900059.

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/0096300397900011.

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.

Anonymous:1998:AIVb

[Ano98e] 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/0096300398900054.

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/0096300398900133.

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/0096300398900017.

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/0096300398900170.

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.

Anonymous:1999:Ic

[Ano99h] 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.

Anonymous:1999:Ia

[Ano99i] 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.

Anonymous:1999:Id

[Ano99j] 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.

Agarwal:1995:SDI

[AP95] 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/009630039400130V.

Ahmad:1998:NSG

[AR98a] 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.

Ahmad:1998:SVD

[AR98b] 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.

Argyros:1996:RNMa

[Arg96a] 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/0096300395000909.

Argyros:1996:RNMb

[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/0096300395001182.

Argyros:1997:MIP

[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.

Argyros:1997:CTS

[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.

Argyros:1998:SCC

[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.

Argyros:1999:CRI

[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.

Argyros:1999:NMU

[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/0096300395003290`.

Asaithambi:1998:FDM

[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`.

Al-Saqabi:1998:ESF

[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`.

Agarwal:1999:ATT

[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`.

Agarwal:1999:ESB

[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`.

Aykut:1998:BVP

[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`.

Al-Zamel:1996:EHE

[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/0096300395001476.

Bai:1997:PHI

[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.

Bai:1998:APN

[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.

Bai:1999:AMA

[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.

Bai:1999:CPH

[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.

Bardet:1995:DSP

[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/0096300394000526.

Bayram:1997:NMA

[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/S0096300396002275.

Bayram:1998:ACAb

[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.

Bayram:1998:ACAa

[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.

Bhatti:1996:SOT

[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.

Barry:1997:OII

[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.

Banerjee:1995:DCC

[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/009630039400124M.

Bainov:1996:QOS

[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/0096300395000658.

Bohm:1998:MBS

[BDJR98] Michael Böhm, Joseph Devinny, 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`.

Bella:1996:MAW

[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`.

Becarie:1998:IPS

[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`.

Behforooz:1995:CKC

[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/0096300394001857`.

Behforooz:1996:CRS

[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/0096300395001050`.

Behforooz:1996:USS

[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/0096300395002774`.

Beletsky:1995:SSP

[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/009630039400123L.

Blount:1997:NDP

[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.

Bogaert:1998:GRP

[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.

Billard:1996:SDG

[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/0096300395000941.

Beddhu:1998:CSU

[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.

Beutler:1999:SRS

[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.

Bainov:1995:PBV

[BKM95] Drumi Bainov, Zdzisław Kamont, and Emil Minchev. Periodic boundary value problem for impulsive hyperbolic partial differential equations of first order. *Applied*

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/009630039400083G.

Bajpai:1998:BEE

[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.

Blank:1996:SRC

[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/0096300395002707.

Balendran:1995:IIC

[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/009630039400058C.

Boyd:1995:LAG

[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/009630039400180C.

Boyd:1997:CLU

[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.

Boyd:1997:PCW

[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/0096300395003266.

Barrio:1999:CCM

[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.

Baronio:1996:MSI

[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.

Baxley:1998:CUC

[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.

Barrett:1999:ETC

[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.

Bonham:1999:ISA

[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.

Bai:1997:CCP

[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/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/0096300395003088.

Bratsos:1998:FPF

[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/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/0096300394901937. See erratum [Cab95].

Cabada:1995:ERM

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

Carmody:1997:CHQ

[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`.

Cho:1999:NAN

[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`.

Chan:1999:ECS

[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`.

Choe:1999:SMS

[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`.

Cengiz:1997:SEH

[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`.

Carl:1996:SMI

[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/0096300395000704`.

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/0096300395002537`.

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/0096300394001765`.

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/009630039400089M`.

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/0096300395001646.

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/0096300395001506.

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/009630039400105D.

Chen:1996:IMC

[Che96a] Yong-Lin Chen. Iterative methods for computing the generalized inverses $A^{(2)}_{T,S}$ 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/0096300396900636.

Chernousko:1996:CES

[Che96b] 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/009630039600001X.

Chen:1997:IMS

[Che97] 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

[Chu96] 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/0096300395001557.

Chukwu:1997:CND

[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.

Chukwu:1998:CNE

[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.

Cicci:1999:FPT

[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.

Chan:1995:TEM

[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.

Chen:1999:GNR

[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.

Chen:1998:DTT

[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.

Chen:1998:PPN

[CL98b] Jinru Chen and Likang Li. Preconditioning projection nonconforming 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

[CL99] 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

[CLC97] 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`.

Cordero:1996:GQP

[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/0096300395002545`.

Cabada:1997:RCI

[CN97] 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

[CO96] 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/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/0096300394001776.

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/S0096300398100826.

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/009630039400092I.

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/0096300395001565.

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

[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/0096300395002960.

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`.

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`.

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`.

Dolezal:1996:NSD

[DF96] 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

[DGU96] 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

[DH99a] 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/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/0096300395001573.

Ding:1998:MEM

[Din98] 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/0096300395001883.

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`.

deRomero:1998:SAF

[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`.

Dziok:1999:CAF

[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`.

deSampaio:1997:TRA

[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`.

Duan:1999:RTD

[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`.

Duan:1999:TPQ

[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`.

Dang-Vu:1995:HBS

[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/0096300394002428.

Ding:1999:FEM

[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.

El-Bassiouny:1999:RTD

[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.

Eskandari:1995:UMC

[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/009630039400145T.

Ezquerro:1997:CPI

[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.

Ezquerro:1998:CPI

[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.

Eisenfeld:1998:IIB

[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.

Egerstedt:1998:CTM

[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.

El-Misiery:1996:ACJ

[EMEH96] 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/0096300395000968.

El-Naggar:1995:RNH

[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/009630039400074E.

El-Naggar:1996:WPL

[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/009630039500064X.

El-Owaidy:1999:SNI

[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.

El-Sayed:1999:FOE

[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.

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/009630039400080N.

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

[Fab96] 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/0096300394001846.

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/0096300395001913.

Fritz:1996:ESE

[FHG96b] Christophe Fritz, Michel Hassenforder, 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/009630039690065X.

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/0096300394001260.

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/0096300394001879.

Fu:1999:UBS

[FL99] Xilin Fu and Xinzhi Liu. Uniform boundedness and stability criteria in terms of two measures for impulsive integrodifferential 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/0096300395002480.

Foroutan-pour:1999:AIB

[FpDS99] K. Foroutan-pour, P. Dutilleul, 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/009630039400152T.

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`.

Frontini:1997:ECS

[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`.

Frontini:1998:MEL

[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`.

Feng:1998:APP

[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`.

Gao:1998:NCQ

[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`.

Garner:1998:ERC

[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`.

Golberg:1998:OCR

[GB98] Michael Golberg and Harold Bowman. Optimal convergence rates for some discrete projection methods. *Applied Mathematics and Computation*, 96(2–3):237–271, Novem-

ber 1998. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/S009630039710131X.

Gulliver:1999:AGC

[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.

Guttalu:1996:SSP

[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/0096300396000033.

Garey:1996:HOM

[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/0096300395001875.

Garey:1997:USM

[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.

Ghorbanzadeh:1996:DRC

[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.

Gu:1996:OIP

[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/0096300395001530.

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/0096300394001606.

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/0096300395002146.

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/009630039400146U.

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/0096300395001239.

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/S0096300396003049.

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. Ruggiero. 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/009630039400075F.

Gragnani:1997:BAT

[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.

Gremaud:1997:NSP

[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.

Grimm:1998:OSV

[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.

Goel:1995:SCU

[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/009630039400129R.

Gould:1997:SCI

[GS97] 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

[GS99] 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

[GSC95] 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/0096300394000086J.

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/0096300395002219.

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 integrodifferential 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.

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/0096300394002487.

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.

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/009630039400122K.

Hady:1995:MCB

[Had95] 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/009630039400084H.

Haidar:1997:RPI

[Hai97] 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

[Hal98] 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

[Ham97] 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`.

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`.

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`.

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

[Har95] 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/0096300394001754`.

Hartfiel:1997:SBQ

[Har97] 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/0096300395003002`.

Honma:1998:AEH

[HAST98] 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/0096300396000057`.

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/009630039500159X`.

He:1998:LCG

[He98] Jiaxing 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/009630039400132N`.

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`.

Hu:1996:SSC

[HH96a] 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/0096300395003010`.

Hu:1996:SDD

[HH96b] 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/0096300395002820`.

Hu:1997:SND

[HH97] 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`.

Hickernell:1999:RBF

[HH99] 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`.

Hartung:1998:PIC

[HHT98] 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`.

Huang:1997:ENS

[HHZ97] 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`.

Hohl:1997:MPS

[HI97] 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.

Heymann:1996:FDP

[HK96] Valerii I. Heymann and Arkadii V. Kryazhimskii. 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/0096300396000045.

Hipel:1997:DSS

[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.

Hutchinson:1998:HIC

[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.

Hon:1997:MMN

[HLXZ97] 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.

Hon:1998:ENS

[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.

Hossain:1999:CNG

[HM99] Md. Akram Hossain and A. S. Miah. Crank–Nicolson–Galerkin model for transport in groundwater: Refined criteria for accuracy. *Applied Mathematics and Computa-*

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`.

Hossain:1999:MAD

[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`.

Hartfield:1998:CFI

[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`.

Hamdan:1996:DGF

[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/0096300395001042`.

Hernandez:1998:CMC

[HS98] 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`.

Hernandez:1999:ICC

[HS99] 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`.

Hicks:1997:CSS

[HSA97] 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.

Hamann:1998:DTS

[HT98] Bernd Hamann and Po-Yu Tsai. Decomposing trimmed surfaces using the Voronoĭ 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.

Huang:1999:EES

[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.

Han:1998:CDN

[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.

Hossain:1998:MCT

[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.

Hossain:1999:SAD

[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.

Hossain:1999:ATG

[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.

Hossain:1999:GMT

[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.

Heilman:1997:TFI

[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.

Huang:1995:DOF

[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

[HZ96] 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

[HZ98] 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

[HZL97] 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.

Ibrahim:1996:DSV

[Ibr96] 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/009630039500095X.

Iwakoshi:1998:FCS

[IFU98] 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.

Iannelli:1997:SMN

[IKP97] 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.

Itiki:1996:ICP

[IKU96] 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/0096300396000069.

Ivanenko:1995:NMU

[IL95] 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/009630039400121J.

Inohara:1999:CMR

[Ino99] 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.

Ibidapo-Obe:1995:ACB

[IOAB95] 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/0096300394000090Q`.

Inohara:1997:IDC

[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`.

Inohara:1998:CSI

[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`.

Inohara:1998:CMR

[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`.

Jang:1999:SFC

[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`.

Jacobson:1995:AQF

[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/009630039400125N`.

Janssens:1995:EMS

[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-

5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/0096300394001205.

Jayasuriya:1996:MAU

[Jay96] Kumara Jayasuriya. Multiprecision 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/0096300396006733.

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/0096300395002685.

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/0096300394002436.

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. Marosšević, 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/0096300394001798`.

Jodar:1995:ECS

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

Jodar: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/0096300395002170`.

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/009630039400158Z`.

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/009630039400077H.

Jukic:1996:EOP

[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.

Jin:1998:ANC

[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.

Jinzenji:1998:ASS

[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.

Jiang:1998:QMS

[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.

Jayawardene:1997:ULO

[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.

Kadalbajoo:1995:BEM

[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. Alsaleh. 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. Alsaleh. 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.

Kutluay:1999:VFD

[KBÖ99] S. Kutluay, A. R. Bahadir, 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.

Katti:1996:CFD

[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/0096300396900739.

Keshavamurthy:1995:EWSa

[KD95a] 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/0096300394000537.

Keshavamurthy:1995:EWSb

[KD95b] 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/0096300394000618.

Kozak:1995:SRS

[KH95] 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/009630039400119O.

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/0096300395002782`.

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/0096300395002456`.

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/0096300395000712`.

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.

Kjellstrom:1999:EB

[Kje99] 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.

Kagiwada:1995:FEF

[KK95] 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/0096300394001001.

Kawamata:1995:SDT

[KKH95] 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. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039400102A.

Kwak:1999:MAC

[KKL99] 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.

Kappeller:1996:OEM

[KKPL96] 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.

Kang:1999:NIT

[KL99a] 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/009630039400091H.

Kolowrocki:1995:ARF

[Koł95] Krzysztof Kołowrocki. 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/0096300394002452.

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/009630039400127P.

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/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/009630039400087K.

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/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/009630039400060H.

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/0096300395002847.

Kubica:1997:EAC

[Kub97] Krystian Kubica. The effect of amphiphilic counterions on the gel-fluid phase transition of the lipid bilayer. *Applied Mathematics and Computa-*

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.

Kumar:1995:ETD

[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/009630039400107F.

Kawata:1995:SAR

[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/0096300394000980.

Kurowicka:1999:DAA

[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.

Kalaba:1995:CMR

[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/009630039400143R.

Kalla:1998:SFO

[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.

Khuri:1996:SPD

[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.

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.

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/0096300395001484.

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.

Kang:1995:FSP

[KWS95] 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/009630039400059D.

Lam:1998:LDC

[Lam98] 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

[Lam99] 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

[Lar97] Jens Chr. Larsen. Stable chemical systems. *Applied Mathematics and Computa-*

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/0096300395000992.

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/009630039400118N.

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/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/009630039400108G.

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/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`.

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/0096300395001859`.

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`.

Liu:1995:ICO

[Liu95] Xinzhi Liu. Impulsive control 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/009630039400204H`.

Lubarda:1995:CSR

[LK95] 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/0096300394000559`.

Layton:1995:TLP

[LL95] 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/009630039400134P`.

Liao:1996:RIS

[LL96] 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

[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

[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

[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/009630039400057B.

Lopez:1998:NMI

[LM98] 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

[LMSS97] V. Lakshmikantham, A. K. Maulloo, S. K. Sen, and S. Sivasundaram. 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/0096300395003096.

Lee:1999:RPS

[LO99] 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.

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.

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/009630039400109H.

Ladde:1995:SAH

[LS95] G. S. Ladde and S. Sathananthan. 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/009630039400202F.

Lin:1997:TK

[LS97] 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

[LS98a] 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

[LS98b] 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/0096300396900570`.

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. Nonconforming 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.

Lin:1997:CHI

[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.

Logan:1996:TPT

[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/0096300396900533.

Marchuk:1995:ROC

[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/009630039400149X.

Martin:1995:UMS

[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/009630039400153U.

Moss:1995:DIV

[MB95] Darrell G. Moss and Haym Benaroya. A discrete inverse vibration problem with parameter uncertainty. *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/009630039400140Y.

Masri:1995:ASO

[MBCvdV95] S. F. Masri, G. A. Bekey, T. K. Caughey, and E. van de Velde. Adaptive stochastic optimization using multiprocessors. *Applied Mathematics and Compu-*

tation, 72(2–3):225–257, October 1995. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300394001868`.

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/009630039400148W`.

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.

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/009630039400144S.

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

[Mit97] 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/0096300395003304.

Mitra:1999:VA

[Mit99] 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

[MLB99] 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

[MMMK96] 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/0096300396000082`.

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 Ginestar 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. Morháč. 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/0096300395000615.

Morchalo:1998:SAN

[Mor98] Jarosław Morchało. 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

[Mou95] 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/0096300394001592.

Moustafa:1996:OAP

[Mou96] 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/0096300395002987.

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/0096300394001835.

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/009630039400094K.

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/009630039400157Y.

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 Sriram 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. Zucchelli. 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/009630039500145X`.

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/0096300395002812`.

Muses:1997:DFA

[Mus97a] C. Musès. The dimensional family approach in (hyper)sphere packing: a typological 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 typological 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].

Mollers:1998:GAI

[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.

Martin:1996:QSG

[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/0096300395000690.

Mckay:1998:SSL

[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.

Malakooti:1998:APF

[MZ98] 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.

Mohler:1996:NCA

[MZV96] 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/0096300396000094.

Narayaninsamy:1999:FID

[Nar99a] 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/0096300394900981. 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/0096300394001787.

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/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/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/0096300395003312.

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/S0096300397100029.

Ohmori:1998:NST

[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.

ORegan:1999:PAP

[OM99] D. O'Regan and M. Meehan. 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.

OReilly:1995:RDS

[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/009630039400117M.

Onah:1997:DMD

[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.

Okamoto:1998:NNO

[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.

Onah:1999:STD

[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/S0096300397101552.

Papageorgiou:1995:MCN

[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/009630039400095L.

Papamarkos:1996:MFA

[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/0096300395001190.

Pardo:1995:SAU

[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/009630039400162W.

Pavani:1995:NAR

[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/0096300394002495.

Peiguang:1995:IMB

[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/0096300395000666.

Peiguang:1996:BVP

[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/0096300395003037.

Peiguang:1999:OCN

[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/0096300396000100.

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, Lihong 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/009630039400116L.

Primak:1998:MCV

[PK98] M. E. Primak and B. L. Kheyfets. 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/0096300396000161.

Prathapar:1997:SOH

[PMMA97] S. A. Prathapar, W. S. Meyer, J. C. Madden, and E. Alociljá. 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/0096300395002995.

Parton:1997:NPM

[PN97b] Kevin A. Parton and Ayut Nissapa. 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/0096300395000976.

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.

Ping:1999:ANN

[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.

Qu:1998:IEB

[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.

Qiang:1998:CCM

[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.

Rajendran:1997:SUT

[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.

Razzaghi:1995:IND

[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/009630039400093J.

Razzaghi:1997:ALD

[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`.

Ramos:1997:LMRa

[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`.

Ramos:1997:LMRb

[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`.

Ramos:1998:ICL

[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`.

Ramos:1998:MIL

[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`.

Ramos:1998:PTL

[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`.

Ramos:1998:UBC

[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.

Ramos:1999:AAC

[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.

Ramos:1999:LFT

[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.

Ramos:1999:LMO

[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.

Ramos:1999:DME

[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.

Ruxton:1995:JTS

[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/009630039400115K.

Ravindran:1996:MBC

[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/0096300395001514.

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/0096300395002499`.

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/0096300396000124`.

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. 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

[RRB95] 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/009630039400110P.

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/0096300396000112.

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/009630039500162X.

Solomonovich:1997:DEM

[SAF+97] M. Solomonovich, L. P. Apedaile, H. I. Freedman, A. H. Gebremedihen, 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/0096300395000887.

Saied:1999:NCS

[Sai99] Effat A. Saied. The nonclassical 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/0096300395002529`.

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/0096300394002444`.

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/0096300395000674`.

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):209–222, February 1996. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL `http://www.sciencedirect.com/science/article/pii/0096300395000933`.

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/S009630039690051X`.

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/0096300395000917.

Selvakumar:1995:CPS

[Sel95] 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/009630039400082F.

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.

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.

Shary:1997:CSS

[Sha97] 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

[She96] 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

[SIA96] 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/0096300395002472.

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`.

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`.

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`.

Scitovski:1996:MSP

[SJ96] 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/0096300395000984`.

Smokty:1995:AAS

[SK95] 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/009630039400097N`.

Sivaloganathan:1996:NSD

[SK96] 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/0096300395001026.

Sudarsan:1998:EAN

[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.

Sudarsan:1998:NAS

[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.

Sahin:1995:MRN

[ŞKB95] Ahmet Z. Şahin, Davut Kavranoğlu, 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/009630039400128Q.

Sharan:1997:AMM

[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.

Szidarovszky:1996:AOB

[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/0096300395001522.

Sun:1999:AQN

[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.

Shen:1995:SDP

[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/0096300395000623.

Szidarovszky:1995:PTC

[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/0096300395000631.

Sugisaka:1995:CTC

[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/009630039400103B.

Soliman:1998:SCD

[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.

Soliman:1999:SNV

[Sol99a] A. A. Soliman. On $_0$-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.

Solis:1999:DLS

[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.

Song:1996:CWR

[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/0096300395002502.

Soriano:1994:EPC

[Sor94] J. M. Soriano. Extremum points of a convex function. *Applied Mathematics and Computation*, 66(2–3):261–266, December 1994. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039490121X. See erratum [Sor97a].

Soriano:1996:EZP

[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/0096300395002464.

Soriano:1997:EEP

[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

[Sor97b] 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

[Sor99] 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

[SP95] 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/0096300394002509.

Spitaleri:1997:MMG

[SR97] 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`.

Srivastava:1995:NEH

[Sri95] 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/009630039400133O`.

Srivastava:1998:FSR

[Sri98] 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`.

Szafranski:1997:OTS

[SS97] Zdzisław Szafrański and Błażej Szmanda. Oscillation theorems 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`.

Shen:1998:GCA

[SS98a] 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`.

Szidarovszky:1998:SBP

[SS98b] 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`.

Steiner:1995:CMA

[SST95] 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/009630039400111G.

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/0096300396000148.

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 Sueo 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/009630039400096M.

Sugisaka:1995:ACF

[Sug95] 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/009630039400104C.

Sugisaka:1998:ISI

[Sug98] 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.

Scitovski:1998:ASM

[SUJ98] 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.

Sun:1998:NMQ

[Sun98] 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

[SW96] 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/0096300395001581.

Sugisaka:1998:ICS

[SWL98] 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.

Song:1998:CRN

[SY98] 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`.

Satravaha:1997:ALT

[SZ97] 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`.

Szidarovszky:1997:NAO

[Szi97] 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`.

Szidarovszky:1998:BOD

[Szi98] 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`.

Szidarovszky:1999:NCN

[Szi99] Ferenc Szidarovszky. A new Characterization of the nonsymmetric 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`.

Tagliani:1998:ITS

[Tag98] 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`.

Tagliani:1999:HMP

[Tag99] 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 Eshima, 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 Eshima, Ichiro Takagi, and Takashi Hiroyama. 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/009630039400112H.

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/0096300396000136.

Tuckness:1995:CAN

[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/009630039400141P.

Tang:1997:SMA

[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.

Thandapani:1995:ONB

[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/009630039400142Q.

Tleimat:1998:NSU

[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.

Tsitouras:1998:EHO

[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.

Thornburg:1998:SGB

[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.

Tuckness:1995:FMQ

[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/009630039400136R.

Tuckness:1996:AON

[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/0096300395002758.

Tuckness:1997:PSS

[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

[TyG99] 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

[Udw95] 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/0096300394000515.

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/009630039400099P.

Udwadia:1996:ISI

[UHL96] F. E. Udwadia, 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/0096300396900077.

Udwadia:1995:APE

[UK95] Firdaus E. Udwadia 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/009630039400113I.

Unbehauen:1996:SNT

[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/009630039600015X.

Udwadia:1997:DCN

[UR97] F. E. Udwadia 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.

Udwadia:1995:ISIb

[UTL+95] F. E. Udwadia, 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/0096300395900357.

Vanmaele:1995:EFE

[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-

5649 (electronic). URL http://www.sciencedirect.com/science/article/pii/009630039400155W.

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 Schepper. 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 Luongo, 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/009630039400114J.

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`.

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`.

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/0096300395002677`.

Wong:1998:ABS

[WA98] 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

[WA99] 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

[Wan95] 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/009630039400088L`.

Wang:1996:NCK

[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:1998:PGM

[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:1999:FOC

[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:OCC

[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`.

Wazwaz:1995:DMA

[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/009630039400137S`.

Wazwaz:1995:NAN

[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/0096300394001824`.

Wazwaz:1997:NCA

[Waz97a] Abdul-Majid Wazwaz. Necessary conditions for the appearance of noise terms in decom-

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`.

Wazwaz:1997:SBL

[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`.

Wazwaz:1997:SCI

[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`.

Wazwaz:1998:CBA

[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`.

Wazwaz:1998:RTS

[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`.

Wazwaz:1999:AAP

[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`.

Wazwaz:1999:CSS

[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.

Wazwaz:1999:MDM

[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.

Wazwaz:1999:RMA

[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.

Wu:1999:UFS

[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.

Wong:1997:IBV

[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.

Wei:1998:ISD

[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.

Wei:1999:PBS

[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/009630039500324X`.

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/0096300395003231`.

Watson:1995:AMC

[WK95] Brian C. Watson and Manohar P. Kamat. Analysis of mistuned 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/0096300394000548`.

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/0096300395002790`.

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/0096300395001891`.

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.

Wei:1997:LEC

[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.

Woodward:1997:STT

[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.

Wu:1999:CCI

[WLTS99] Tsu-Chen Wu, Shinq-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.

Wolfe:1996:IMG

[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/0096300396900612.

Wolfe:1998:IEC

[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.

Wong:1998:GDD

[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/0096300395001905.

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/009630039400203G.

White:1998:SMF

[WZ98] Luther W. White and Musharraf 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/0096300394001019.

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/009630039400241X.

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/0096300395002863.

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/0096300394002479`.

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/S0096300397816657.

Ye:1998:DDLb

[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:DDLa

[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/0096300394001311.

Hou:1999:CPF

[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.

Yildiz:1996:MIP

[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/0096300396900697.

Yuan:1999:CGA

[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.

Yildiz:1997:TMS

[YK97a] Bünyamin Yildiz and Ahmet Kacar. Two methods for solution of a linear boundary value problem of order 2 n. *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

[YK97b] Yoon J. Yon and Do Y. Kwak. Two-level additive Schwarz preconditioners for $P1$ 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

[YL96] 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.

Yang:1998:UAW

[YL98a] 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`.

Yao:1998:TDA

[YL98b] 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`.

Yavneh:1998:MSS

[YO98] 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`.

Yi:1998:SPC

[YS98a] 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`.

Yildiz:1998:ICP

[YS98b] Bünyamin Yildiz 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`.

Yang:1997:ASH

[YST97] 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`.

Yurekli:1999:NII

[Yür99] 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. Attalah. 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/009630039400201E.

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/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/0096300395002766.

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 Com-*

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.

Zhao:1998:GCF

[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.

Zhang:1999:ASP

[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.

Zhao:1999:OSC

[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.

Han:1999:FFF

[zHhT99] 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.

Zaghrout:1998:CBT

[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.

Zhang:1998:ASP

[ZL98a] Wenfei Zhang and Xiaojiang 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.

Zhu:1998:AMB

[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.

Zhu:1998:FWA

[ZL98c] 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.

Zorzano:1999:NST

[ZMV99] 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.

Zheng:1999:MMU

[ZPY99] 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.

Zaslavsky:1998:AMT

[ZS98] 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

[ZS99] 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/S0096300398000095.

Zhang:1998:LAT

[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.

Zhou:1995:NAO

[ZW95a] 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/009630039400139U.

Zhou:1995:OCF

[ZW95b] 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/009630039400138T.

Zhenghua:1996:CHI

[ZYB96] 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/0096300395002952.

Zuhe:1997:IME

[ZYW97] 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.

Zeng:1998:SAS

[ZZ98] 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.