

# A Complete Bibliography of Publications in *Applied Mathematics and Computation*: 1975–1979

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## Title word cross-reference

**\$16.00** [Ric77]. *A* [Mur77].  $\alpha$  [MH77].  $\beta$  [MH77]. *r* [GDD77].

\* [RMH77].

**-distributed** [GDD77]. **-stable** [Mur77].

**0-1** [TW79].

**1975** [Sco75].

**4** [Ano78b].

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**Quadrature** [Sha76]. **quadratures** [McG79]. **Quasilinearization** [HKKN78]. **queuing** [WRS77].

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**xxvii** [Ric77].

**zeros** [LL78a, LS78]. **zone** [RS76].

## References

[Ahm79] Goodarz Ahmadi. On the mean square stability of linear difference equations. *Applied Mathematics and Computation*, 5(3):233–241, July 1979. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/0096300379900158>.

**Ahmadi:1979:MSS**

[Als75] Dale W. Alspaugh. Solution of some simple problems in the con-

**Alspaugh:1975:SSS**

duction and radiation of heat by invariant imbedding. *Applied Mathematics and Computation*, 1(3):219–232, 1975. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/009630037590034X>.

**Alspaugh:1979:AI1**

Dale W. Alspaugh. Application of invariant imbedding to linear multipoint boundary value problems with general boundary conditions. *Applied Mathematics and Computation*, 5(3):213–232, July 1979. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/0096300379900146>.

**Anninos:1977:SAB**

Photios A. Anninos and V. K. Murthy. Statistical analysis of brain waves from randomly interconnected neural nets. *Applied Mathematics and Computation*, 3(1):85–94, 1977. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/0096300377900133>.

**Azen:1977:EMA**

S. P. Azen, J. B. Margolick, and R. P. Sherwin. An experimental model and automated methodology for the analysis of the effects of ambient levels of air pollutants on the lung. *Applied*

[AM77]

[AMS77]

*Mathematics and Computation*, 3(2):95–102, 1977. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/0096300377900224>. [Ano78b]

**Anonymous:1975:E**

[Ano75a] Anonymous. Editorial. *Applied Mathematics and Computation*, 1(1):??, January 1975. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/0096300375900260>.

**Anonymous:1975:EB**

[Ano75b] Anonymous. Editorial board. *Applied Mathematics and Computation*, 1(1):??, January 1975. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/0096300375900259>. [Bar78]

**Anonymous:1976:EB**

[Ano76] Anonymous. Editorial board. *Applied Mathematics and Computation*, 2(1):C02, 1976. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/0096300376900151>. [BH77]

**Anonymous:1978:EB**

[Ano78a] Anonymous. Editorial board. *Applied Mathematics and Computation*, 4(1):??, 1978. CODEN AMHCBQ. ISSN 0096-

3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/009630037890022X>.

**Anonymous:1978:ECH**

Anonymous. Errata: Corrections to “Hypernumbers — II. Further concepts and computational applications”, by C. Musès, *Applied Math. Comput.* **4**, 45–66 (1978). *Applied Mathematics and Computation*, 4(3):281, 1978. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/0096300378900139>. See [Mus78].

**Barnett:1978:CMS**

Stephen Barnett. Comments on “The matrix sign function and computations in systems” by E. D. Denman and A. N. Beavers. *Applied Mathematics and Computation*, 4(3):277–279, 1978. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/0096300378900127>. See [DB76].

**Boland:1977:NSF**

W. Robert Boland and R. E. Haymond. The numerical solution of Fredholm integral equations with rapidly varying kernels. *Applied Mathematics and Computation*, 3(1):25–38, 1977. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (elec-

tronic). URL <http://www.sciencedirect.com/science/article/pii/0096300377900091>. [Bow78]

**Buell:1979:BVP**

- [BKM79] J. Buell, R. Kalaba, and D. Marsh. On a boundary value problem in the theory of urine formation. *Applied Mathematics and Computation*, 5(1): 55–67, February 1979. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/0096300379900092>. [Bre76]

**Bernfeld:1978:NVC**

- [BL78] S. R. Bernfeld and M. E. Lord. A nonlinear variation of constants method for integro differential and integral equations. *Applied Mathematics and Computation*, 4(1):1–14, 1978. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/0096300378900231>. [BU77]

**Boland:1975:CLN**

- [BN75] W. Robert Boland and Paul Nelson, Jr. Critical lengths by numerical integration of the associated Riccati equation to singularity. *Applied Mathematics and Computation*, 1(1):67–82, January 1975. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/0096300375900314>. [Cas76]

**Bownds:1978:MGA**

John M. Bownds. A modified Galerkin approximation method for Volterra equations with smooth kernels. *Applied Mathematics and Computation*, 4(1):67–79, 1978. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/0096300378900279>.

**Brewer:1976:CAM**

James K. Brewer. A cumulative autoregressive model for choice behavior. *Applied Mathematics and Computation*, 2(3): 189–196, 1976. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/0096300376900011>.

**Bhargava:1977:SDG**

T. N. Bhargava and V. R. R. Uppuluri. Sampling distribution of Gini's index of diversity. *Applied Mathematics and Computation*, 3(1):1–24, 1977. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/009630037790008X>.

**Casti:1976:MCF**

J. Casti. Minimal control fields and pole-shifting by linear feedback. *Applied Mathematics and Computation*, 2(1):19–28, 1976.

1976. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/0096300376900175>. [Cra79]
- Chan:1979:NSA**
- [CK79] W. K. Chan and K. S. P. Kumar. Nonlinear smoothing: approximate algorithms. *Applied Mathematics and Computation*, 5(1):1–22, February 1979. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/0096300379900067>. [CS76]
- Conker:1978:IIA**
- [CL78] Robert S. Conker and Robert J. Lambert. Inverse iteration: an alternative form. *Applied Mathematics and Computation*, 4(3):265–275, ??? 1978. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/0096300378900115>. [DB76]
- Childs:1976:ENM**
- [CM76] Bart Childs and M. J. Maron. An efficient Newton's method for optimization under equality constraints. *Applied Mathematics and Computation*, 2(3):273–282, ??? 1976. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/0096300376900059>. [Cra79]
- Crain:1979:EPT**
- Bradford R. Crain. Estimating the parameters of a truncated normal distribution. *Applied Mathematics and Computation*, 5(2):149–156, March 1979. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/0096300379900043>. [Chen:1976:IAN]
- Chen:1976:IAN**
- Y. M. Chen and J. Surmont. Iterative algorithms for nonlinear problems in remote sensing. *Applied Mathematics and Computation*, 2(3):197–228, ??? 1976. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/0096300376900023>. [Denman:1976:MSF]
- Denman:1976:MSF**
- Eugene D. Denman and Alex N. Beavers, Jr. The matrix sign function and computations in systems. *Applied Mathematics and Computation*, 2(1):63–94, ??? 1976. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/0096300376900205>. See comments [Bar78]. [Eisenfeld:1977:FPT]
- Eisenfeld:1977:FPT**
- J. Eisenfeld and V. Lakshmikantham. Fixed point theorems on closed sets through abstract cones. *Applied Mathematics and*

*Computation*, 3(2):155–167, 1977. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/0096300377900273>. [GDD77]

**Eisenfeld:1979:APN**

[EM79] Jerome Eisenfeld and Van C. Mow. Asymptotic properties of a nonlinear diffusion process arising in articular cartilage. *Applied Mathematics and Computation*, 5(3):187–198, July 1979. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/0096300379900122>.

**Fymat:1975:RME**

[Fym75] Alain L. Fymat. Remote monitoring of environmental particulate pollution: a problem in inversion of first-kind integral equations. *Applied Mathematics and Computation*, 1(2):131–185, 1975. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/0096300375900090>.

**Fymat:1979:GCI**

[Fym79] Alain L. Fymat. A generalization of Cooke’s integral inversion formula with application to remote-sensing theory. *Applied Mathematics and Computation*, 5(1):23–39, February 1979. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/0096300378900164>.

[sciencedirect.com/science/article/pii/0096300379900079](http://www.sciencedirect.com/science/article/pii/0096300379900079).

**Goovaerts:1977:IDP**

M. J. Goovaerts, L. D’Hooge, and N. De Pril. On the infinite divisibility of the product of two  $r$ -distributed stochastic variables. *Applied Mathematics and Computation*, 3(2):127–135, 1977. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/009630037790025X>.

**Garfinkle:1977:CMF**

[GKKM77] J. Garfinkle, H. Kagiwada, R. Kalaba, and E. McLain. A computational method for fitting Richardson equations of arms races. *Applied Mathematics and Computation*, 3(2):175–185, 1977. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/0096300377900297>.

**Gladwell:1978:NSD**

[Gla78] Ian Gladwell. On the numerical solution of a differential nonlinear eigenvalue problem on an infinite range. *Applied Mathematics and Computation*, 4(2):121–137, 1978. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/0096300378900164>.

- [Gol75a] **Golberg:1975:IIR**  
 Michael A. Golberg. Invariant imbedding and Riccati transformations. *Applied Mathematics and Computation*, 1(1):1–24, January 1975. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/0096300375900272>.
- [Gol75b] **Golberg:1975:SFR**  
 Michael A. Golberg. Some functional relations for two point boundary value problems — II. The inhomogeneous case. *Applied Mathematics and Computation*, 1(2):93–104, 1975. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/0096300375900077>.
- [Gol76] **Golberg:1976:CFI**  
 Michael A. Golberg. The conversion of Fredholm integral equations to equivalent Cauchy problems. *Applied Mathematics and Computation*, 2(1):1–18, 1976. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/0096300376900163>.
- [Gol77] **Golberg:1977:CFI**  
 Michael A. Golberg. The conversion of Fredholm integral equations to equivalent Cauchy problems — II. Computation of resolvents. *Applied Mathematics and Computation*, 3(1):39–58, 1977. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/0096300377900108>.
- [Gol79] **Golberg:1979:MAS**  
 Michael A. Golberg. A method of adjoints for solving some ill-posed equations of the first kind. *Applied Mathematics and Computation*, 5(2):123–129, March 1979. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/009630037990002X>.
- [Gre78] **Greenspan:1978:CSN**  
 Donald Greenspan. Computer studies of a von Neumann type fluid. *Applied Mathematics and Computation*, 4(1):15–25, 1978. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/0096300378900243>.
- [HKK<sup>+</sup>79] **Hess:1979:OTC**  
 J. Hess, H. Kagiwada, R. Kalaba, K. Spingarn, and C. Tsokos. Optimal tactics for close support operations. II. Degraded communications with linear time-varying dynamics. *Applied Mathematics and Computation*, 5(3):199–212, July 1979. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/0096300379900134>.

**Helms:1978:FDE**

- [HKKN78] Jay Helms, Harriet Kagiwada, Robert Kalaba, and John Niedercorn. Fitting differential equation models to observed economic data — I. Quasilinearization. *Applied Mathematics and Computation*, 4(2):139–145, 1978. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/0096300378900176>.

**Hess:1979:CDP**

- [HKKT79] James Hess, Harriet Kagiwada, Robert Kalaba, and Chris Tsokos. Cooperative dynamic programming. *Applied Mathematics and Computation*, 5(1):69–74, February 1979. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/0096300379900109>.

**Higgins:1977:WEL**

- [HT77] J. J. Higgins and D. M. Tichenor. Window estimates of location and scale with applications to the Cauchy distribution. *Applied Mathematics and Computation*, 3(2):113–126, 1977. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/0096300377900248>.

**Higgins:1978:EWE**

- [HT78] J. J. Higgins and D. M. Tichenor. Efficiencies for window estimates

of the parameters of the Cauchy distribution. *Applied Mathematics and Computation*, 4(2):157–165, 1978. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/009630037890019X>.

**Kimbell:1976:GEA**

- [Kim76] Larry J. Kimbell. A general equilibrium analysis of health-consumption externalities. *Applied Mathematics and Computation*, 2(1):41–62, 1976. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/0096300376900199>.

**Kagiwada:1977:EPB**

- [KK77] H. H. Kagiwada and R. E. Kalaba. Estimation of parameters in Belkin–Blumstein–Glass Models of the criminal justice system. *Applied Mathematics and Computation*, 3(1):59–67, 1977. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/009630037790011X>.

**Kowalik:1978:FGT**

- [KK78] J. S. Kowalik and S. P. Kumar. Fast Givens transformations applied to the homogeneous optimization method. *Applied Mathematics and Computation*, 4(3):239–252, 1978. CODEN AMHCBQ. ISSN 0096-

- 3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/0096300378900097>. [KSZ75]
- Kubicek:1979:ELB**
- [KM79] Milan Kubíček and Miloš Marek. Evaluation of limit and bifurcation points for algebraic equations and nonlinear boundary-value problems. *Applied Mathematics and Computation*, 5(3):253–264, July 1979. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/0096300379900171>. [KY77]
- Kolb:1976:NAO**
- [Kol76] D. Kolb. Numerical analysis and orthogonal polynomials. *Applied Mathematics and Computation*, 2(3):257–272, ??? 1976. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/0096300376900047>. [Lic78]
- Kalaba:1975:IVM**
- [KS75] Robert E. Kalaba and Melvin R. Scott. An initial-value method for integral operators V. Kernels depending upon a parameter. *Applied Mathematics and Computation*, 1(1):25–35, January 1975. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/0096300375900284>. [LL78a]
- Kalaba:1975:IEM**
- R. E. Kalaba, K. Spingarn, and E. Zagustin. On the integral equation method for buckling loads. *Applied Mathematics and Computation*, 1(3):253–261, ??? 1975. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/0096300375900375>. [Kumar:1977:DOD]
- K. S. P. Kumar and T. H. Yam. Discrete observer in the design of sampled-data control systems. *Applied Mathematics and Computation*, 3(2):137–154, ??? 1977. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/0096300377900261>. [Lichtman:1978:UAF]
- Zavdi L. Lichtman. A unified approach for finding real and integer solutions to systems of linear inequalities. *Applied Mathematics and Computation*, 4(2):177–186, ??? 1978. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/0096300378900218>. [Lakshmikantham:1978:EZL]
- V. Lakshmikantham and S. Leela. On the existence of zeros of Lyapunov-monotone operators. *Applied Mathematics and Computation*, 4(2):107–119, ??? 1978.

- CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/0096300378900152>. [LRL77]
- Lakshmikantham:1978:STD**
- [LL78b] V. Lakshmikantham and M. Lord. Sobolev type differential equations. *Applied Mathematics and Computation*, 4(2):147–155, 1978. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/0096300378900188>. [LS78]
- Lord:1978:NAM**
- [LM78] M. E. Lord and A. Richard Mitchell. A new approach to the method of nonlinear variation of parameters. *Applied Mathematics and Computation*, 4(2):95–105, 1978. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/0096300378900140>. [McG76]
- Lord:1978:EUS**
- [Lor78] M. E. Lord. Existence and uniqueness of Sobolev type integrodifferential equations. *Applied Mathematics and Computation*, 4(3):253–263, 1978. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/0096300378900103>. [McG79]
- Lange:1977:LTR**
- K. Lange, N. Risch, and C. Louy. Laplace transforms for residual waiting times\*. *Applied Mathematics and Computation*, 3(3):253–264, 1977. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/0096300377900054>. [Lakshmikantham:1978:ZMO]
- V. Lakshmikantham and Patrick Sutherland. On the zeros of monotone operators of retarded type in a Banach space. *Applied Mathematics and Computation*, 4(1):81–91, 1978. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/0096300378900280>. [McGrath:1976:IIA]
- Joseph F. McGrath. Invariant imbedding applied to a class of Fredholm integral equations. *Applied Mathematics and Computation*, 2(2):113–160, 1976. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/0096300376900126>. [McGrath:1979:GPT]
- Joseph F. McGrath. Gaussian product-type quadratures. *Applied Mathematics and Computation*, 5(3):265–280, July 1979.

CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/0096300379900183>■

**Miele:1977:PSS**

- [MCRW77] A. Miele, A. Calabro, F. Rossi, and A. K. Wu. The preresorative step in the sequential Gradient-Restoration Algorithm for mathematical programming problems with inequality constraints\*. *Applied Mathematics and Computation*, 3(3):265–280, 1977. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/0096300377900066>■

**Murthy:1977:SSD**

- [MH77] Vrudhula K. Murthy and L. Julian Haywood. Sample size determination for comparing two therapies taking both the  $\alpha$  (type I or false positive) error and the  $\beta$  (type II or false negative) error into consideration. *Applied Mathematics and Computation*, 3(2):169–174, 1977. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/0096300377900285>■

**Mahesh:1975:DOC**

- [MK75] J. K. Mahesh and K. S. P. Kumar. Determination of the optimal constant output feedback gains for linear discrete systems. *Applied Mathematics and Compu-*

*tation*, 1(3):243–252, 1975. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/0096300375900363>■

**Murphy:1977:HIS**

- [Mur77] W. D. Murphy. Hermite interpolation and  $A$ -stable methods for stiff ordinary differential equations. *Applied Mathematics and Computation*, 3(2):103–112, 1977. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/0096300377900236>■

**Muses:1977:AHC**

- [Mus77] C. Musès. Applied hypernumbers: computational concepts. *Applied Mathematics and Computation*, 3(3):211–226, 1977. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/0096300377900029>■

**Muses:1978:HIF**

- [Mus78] C. Musès. Hypernumbers — II. Further concepts and computational applications. *Applied Mathematics and Computation*, 4(1):45–66, 1978. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/0096300378900267>■  
See errata [Ano78b].

**Murthy:1975:ACE**

- [MW75] V. K. Murthy and J. M. Weiner. Analysis of clinical events: the case of two dependent observations. *Applied Mathematics and Computation*, 1(1):37–46, January 1975. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/0096300375900296>.

**Pallaschke:1978:MCI**

- [Pal78] Diethard Pallaschke. Markets with countably infinitely many traders. *Applied Mathematics and Computation*, 4(3):201–212, 1978. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/0096300378900073>.

**Quinnez:1978:IMI**

- [QHN78] S. Quinnez, P. Hillion, and G. Nurdin. Iterative method for invariant imbedding. *Applied Mathematics and Computation*, 4(3):213–237, 1978. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/0096300378900085>.

**Richardson:1977:BRB**

- [Ric77] Harry W. Richardson. Book review: Energy: Mathematics and models: Roberts, Fred S. (Ed.), Society for Industrial and Applied Mathematics, Philadelphia, PA,

1976, xxvii + 276 pp., \$16.00. *Applied Mathematics and Computation*, 3(2):187, 1977. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/0096300377900303>.

**Roffman:1978:DFS**

- [RM78] Martin M. Roffman and Lawrence P. McNamee. Digital filtering of stochastic-network decision-node noise. *Applied Mathematics and Computation*, 4(3):189–199, 1978. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/0096300378900061>.

**Richardson:1977:RII**

- [RMH77] John Richardson, Vrudhula K. Murthy, and L. Julian Haywood. Representation of the interevent intervals between a set of nonuniformly distributed “points” or “events”\*. *Applied Mathematics and Computation*, 3(3):247–251, 1977. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/0096300377900042>.

**Rivard:1976:TPT**

- [RS76] J. B. Rivard and M. R. Scott. The two-phase, three-zone melting problem — response to pulse heating. *Applied Mathematics and Computation*, 2(2):173–187, 1976. CO-

DEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/009630037690014X>.

**Scott:1975:BRD**

[Sco75] M. R. Scott. Book review: N. Distefano, *Nonlinear Processes in Engineering*, Academic Press, NY, 1974 and R. E. Bellman and G. M. Wing, *An Introduction to Invariant Imbedding*, John Wiley and Sons, NY, 1975. *Applied Mathematics and Computation*, 1(3):279–280, 1975. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/0096300376900399>.

**Serbin:1979:RAT**

[Ser79] Steven M. Serbin. Rational approximations of trigonometric matrices with application to second-order systems of differential equations. *Applied Mathematics and Computation*, 5(1):75–92, February 1979. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/0096300379900110>.

**Shampine:1975:LEV**

[SG75] L. F. Shampine and M. K. Gordon. Local error and variable order Adams codes. *Applied Mathematics and Computation*, 1(1):47–66, January 1975. CODEN AMHCBQ. ISSN 0096-

3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/0096300375900302>.

**Shampire:1976:QRK**

[Sha76] L. F. Shampire. Quadrature and Runge–Kutta formulas. *Applied Mathematics and Computation*, 2(2):161–171, 1976. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/0096300376900138>.

**Shampine:1977:LEC**

[Sha77] Lawrence F. Shampine. Local error control in codes for ordinary differential equations. *Applied Mathematics and Computation*, 3(3):189–210, 1977. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/0096300377900017>.

**Smith:1976:AEB**

[ST76] Truett L. Smith and Chris P. Tsokos. On approximating the expected behavior of stochastic epidemiological models applicable to small populations. *Applied Mathematics and Computation*, 2(2):95–111, 1976. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/0096300376900114>.

- [Ste75] **Stenger:1975:CBC**  
 Frank Stenger. Connection between a Cauchy system representation of Kalaba and Fourier transforms. *Applied Mathematics and Computation*, 1(1):83–91, January 1975. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/0096300375900326>.
- [Str77] **Strintzis:1977:DRC**  
 Michael G. Strintzis. Diagonalization, rank calculation and generalized inverses of rational matrices. *Applied Mathematics and Computation*, 3(1):69–84, 1977. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/0096300377900121>.
- [SV75] **Scott:1975:CSI**  
 Melvin R. Scott and Walter H. Vandevender. A comparison of several invariant imbedding algorithms for the solution of two-point boundary-value problems. *Applied Mathematics and Computation*, 1(3):187–218, 1975. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/0096300375900338>.
- [SW79a] **Shampine:1979:AWR**  
 Lawrence F. Shampine and Herman A. Watts. The art of writing a Runge–Kutta code. II. *Applied Mathematics and Computation*, 5(2):93–121, March 1979. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/0096300379900018>.
- [SW79b] **Sidhu:1979:DRA**  
 Gursharan S. Sidhu and Howard L. Weinert. Dynamical recursive algorithms for Lg-spline interpolation of EHB data. *Applied Mathematics and Computation*, 5(2):157–185, March 1979. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/0096300379900055>.
- [Tau78] **Tauber:1978:AHP**  
 Selmo Tauber. An application of the Hadamard product to air pollution. *Applied Mathematics and Computation*, 4(2):167–176, 1978. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/0096300378900206>.
- [Tes77] **Tesfatsion:1977:BRB**  
 Leigh Tesfatsion. Book review: Probability Theory With the Essential Analysis: J. Susan Milton and Chris P. Tsokos, Applied Mathematics and Computation, Addison-Wesley Publishing Company, Inc. 1976, 335 pages. *Applied Mathematics and Computation*, 3(3):281, 1977.

- CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/0096300377900078>. [Vah76]
- Tesfatsion:1978:NAF**
- [Tes78] Leigh Tesfatsion. A new approach to filtering and adaptive control: stability results. *Applied Mathematics and Computation*, 4(1):27-44, 1978. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/0096300378900255>. [VG79]
- Tintner:1975:M**
- [Tin75] Gerhard Tintner. Multicollinearity. *Applied Mathematics and Computation*, 1(3):233-242, 1975. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/0096300375900351>. [Wan75]
- Tsokos:1979:RBO**
- [TW79] Chris P. Tsokos and R. L. W. Welch. Robustness of the Bayes optimal discriminant procedure with 0-1 loss. *Applied Mathematics and Computation*, 5(2):131-148, March 1979. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/0096300379900031>.
- Vahrenkamp:1976:DDR**
- Richard Vahrenkamp. Derivatives of the dominant root. *Applied Mathematics and Computation*, 2(1):29-39, 1976. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/0096300376900187>.
- VanGoethem:1979:AFC**
- P. Van Goethem and M. J. Goovaerts. Approximation formulae for compound Poisson processes for a kind of claim distributions having a prescribed asymptotic behavior. *Applied Mathematics and Computation*, 5(3):243-251, July 1979. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/009630037990016X>.
- Wang:1975:LSI**
- Alan P. Wang. Latin square and intersection of surface. *Applied Mathematics and Computation*, 1(3):263-277, 1975. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/0096300375900387>.
- Ward:1977:AQT**
- [WRS77] D. S. Ward, I. Rubin, and R. J. Scabassi. Applications of queuing theory to some problems in neuronal circuitry\*. *Applied*

*Mathematics and Computation*, 3 (3):227–245, 1977. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/0096300377900030>.

**Yamashiro:1979:ORL**

- [YDB79] S. M. Yamashiro, J. A. Daubenspeck, and F. M. Bennett. Optimal regulation of left ventricular ejection pattern. *Applied Mathematics and Computation*, 5 (1):41–54, February 1979. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/0096300379900080>.

**Yett:1975:MMH**

- [YDIK75] Donald E. Yett, Leonard Drabek, Michael D. Intriligator, and Larry J. Kimbell. A microsimulation model of the health care system: the role of the hospital sector. *Applied Mathematics and Computation*, 1(2):105–130, 1975. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/0096300375900089>.

**Zagustin:1976:HAD**

- [ZZ76] Anatol I. Zagustin and Elena A. Zagustin. Hydrodynamic analogy for direct shear force and bending moment evaluation in a plate. *Applied Mathematics and Computation*, 2(3):229–255, 1976. CODEN AMHCBQ. ISSN 0096-

3003 (print), 1873-5649 (electronic). URL <http://www.sciencedirect.com/science/article/pii/0096300376900035>.