

CONTENTS OF VOLUME 22

N. K. AGARWAL and SUNIL DATTA: Flow in the porous region between slowly rotating prolate spheroids	284
B. D. AGGARWALA: <i>See</i> K. GOPALSAMY	148
R. S. ANDERSSSEN and P. M. PRENTER: A formal comparison of methods proposed for the numerical solution of first kind integral equations	488
P. M. ANSELONE: Singularity subtraction in the numerical solution of integral equations	408
CHRISTOPHER T. H. BAKER and JOAN C. WILKINSON: Stability analysis of Runge-Kutta methods applied to a basic Volterra integral equation	515
S. N. BISWAS and T. S. SANTHANAM: Coherent states of para-Bose oscillators	210
OLA BRATTELI and DEREK W. ROBINSON: Equilibrium states of a Bose gas with repulsive interactions	129
E. M. CASLING: A theoretical investigation of an asymmetric planning hull at infinite Froude number	34
FRANÇOISE CHATELIN and RACHID LEBBAR: The iterated projection solution for the Fredholm integral equation of second kind	439
P. CHOUDHURY: <i>See</i> P. DOLAN	28
K. W. CHU and A. SPENCE: Deferred correction for the integral equation eigenvalue problem	474
D. I. CLARK and M. R. OSBORNE: On the implementation of a subset selection algorithm for the restricted least squares problem	2
D. L. CLEMENTS: A boundary integral equation method for the numerical solution of a second order elliptic equation with variable coefficients	218
DAVID L. CLEMENTS and OSCAR A. C. JONES: The boundary integral equation method for the solution of a class of problems in anisotropic elasticity	394
JOAN COOPER: <i>See</i> R. G. KEATS	175
SUNIL DATTA: <i>See</i> N. K. AGARWAL	287
D. D. DO and R. H. WEILAND: Poisoning-induced exchange of steady states in a catalytic chemical reactor	237
P. DOLAN, P. CHOUDHURY and J. L. SAFKO: A "constant of the motion" for the geodesic deviation equation	28
DAVID ELLIOTT: A convergence theorem for singular integral equations	539
A. H. ENGLAND: Love's integral and other relations between solutions to mixed boundary-value problems in potential theory	353
L. K. FORBES: On the evolution of shock waves in mathematical models of the aorta	257
D. J. GATES and M. WESTCOTT: Extended optima and equilibria for continuous games. I. General results	291
K. GOPALSAMY and B. D. AGGARWALA: Limit cycles in two species competition with time delays	148
IVAN G. GRAHAM: Collocation methods for two dimensional weakly singular integral equations	456
R. GRIMSHAW: Mean flows generated by a progressing water wave packet	318
V. G. HART: Exact solutions of two nonlinear equations and hypercircle estimates	98
JAMES M. HILL: A discrete random walk model for diffusion in media with double diffusivity	58
J. N. HOLT: <i>See</i> D. M. O'BRIEN	501

T. R. JEFFERSON and C. H. SCOTT: Geometric programming with probabilistic decision variables	229
OSCAR A. C. JONES: <i>See</i> DAVID L. CLEMENTS	394
R. G. KEATS and JOAN COOPER: The optimum processing of clipped signals: An approach based on minimum signal distortion	175
R. P. KULKARNI and B. V. LIMAYE: On error bounds in strong approximations for eigenvalue problems	270
P. G. L. LEACH: The complete symmetry group of a forced harmonic oscillator	12
RACHID LEBBAR: <i>See</i> FRANÇOISE CHATELIN	439
B. V. LIMAYE: <i>See</i> R. P. KULKARNI	272
A. McNABB: The asymptotic response of a calorimeter	348
J. W. NIEUWENHUIS: About a local approximation theorem and an inverse function theorem	185
J. W. NIEUWENHUIS: Some remarks on set valued dynamical systems	308
D. M. O'BRIEN and J. N. HOLT: The extension of generalized cross-validation to a multi-parameter class of estimators	501
M. R. OSBORNE: <i>See</i> D. I. CLARKE	2
A. PEDAS: <i>See</i> G. VAINIKKO	419
N. PHAN-THIEN: Small strain oscillatory squeeze film flow of simple fluids	22
P. M. PRENTER: <i>See</i> R. S. ANDERSSON	488
LIN QUN: Deferred corrections for equations of the second kind	452
N. RIAHI: On a nonlinear hydromagnetic convection under a rotational constraint	161
S. A. H. RIZVI: Solution of a general linear difference equation	314
F. J. RIZZO and D. J. SHIPPY: The boundary integral equation method with application to certain stress concentration problems in elasticity	381
DEREK W. ROBINSON: <i>See</i> OLA BRATTELI	129
J. L. SAFKO: <i>See</i> P. DOLAN	28
T. S. SANTHANAM: <i>See</i> S. N. BISWAS	210
C. H. SCOTT: <i>See</i> T. R. JEFFERSON	229
J. J. SHEPHERD: The one-dimensional gas-lubricated slider bearing	75
D. H. SHIPPY: <i>See</i> F. J. RIZZO	381
V. N. SINGH: Solution of a general homogeneous linear difference equation	53
V. N. SINGH: Solution of a general homogeneous linear difference equation. Corrigendum	254
A. SPENCE: <i>See</i> K. W. CHU	474
S. N. STUART: Non-classical integrals of Bessel functions	368
K. K. TAM: On the influence of the initial data in a combustion problem	193
E. O. TUCK: The effect of a submerged barrier on the natural frequencies and radiation damping of a shallow basin connected to open water	104
P. UBA: <i>See</i> G. VAINIKKO	431
G. VAINIKKO and A. PEDAS: The properties of solutions of weakly singular integral equations	419
G. VAINIKKO and P. UBA: A piecewise polynomial approximation to the solution of an integral equation with weakly singular kernel	431
R. H. WEILAND: <i>See</i> D. D. DO	237
M. WESTCOTT: <i>See</i> D. J. GATES	294
JOAN C. WILKINSON: <i>See</i> CHRISTOPHER T. H. BAKER	515