

CONTENTS OF VOLUME 34

G. K. ALDIS: <i>See</i> S. I. BARRY	
K. BALACHANDRAN: Controllability of neutral Volterra integrodifferential systems	18
S. I. BARRY and G. K. ALDIS: Radial flow through deformable porous shells	333
L. BASS: <i>See</i> A. M. FINK	
PHILIP BROADBRIDGE and COLIN ROGERS: On a nonlinear reaction-diffusion boundary-value problem: application of a Lie-Bäcklund symmetry	318
PETER J. BRYANT: Chaotic breakdown of a periodically forced, weakly damped pendulum	153
P. B. CHAPMAN: The transition through resonance of a nonlinear non-autonomous system	81
A. M. FINK and L. BASS: The likely antecedents of improbable events: optimal search strategies	257
LAWRENCE K. FORBES and GRAEME C. HOCKING: Flow induced by a line sink in a quiescent fluid with surface-tension effects	377
V. M. GORRINGE and P. G. L. LEACH: The first integrals and their Lie algebra of the most general autonomous Hamiltonian of the form $H = T + V$ possessing a Laplace-Runge-Lenz vector	511
P. H. HALPERN, R. N. MOHAPATRA, P. J. O'HARA and R. S. RODRIGUEZ: An extremal problem concerning finite dimensional subspaces of $C[a, b]$ pertinent in signal theory	35
V. G. HART and JINGYU SHI: Joined dissimilar orthotropic elastic cylindrical membranes under internal pressure and longitudinal tension	296
U. HELMKE: Isospectral flows and linear programming	495
GRAEME C. HOCKING: <i>See</i> LAWRENCE K. FORBES	
GERHARD JANK: Asymptotic distribution of singularities of solutions of Matrix-Riccati differential equations	112
V. JEYAKUMAR and B. MOND: On generalised convex mathematical programming	43
R. N. KAUL: <i>See</i> S. SUNEJA	
YANG KUANG and HAL L. SMITH: Convergence in Lotka-Volterra type diffusive delay systems without dominating instantaneous negative feedbacks	471
B. S. LALLI and B. G. ZHANG: Oscillation and comparison theorems for certain neutral difference equations	245
P. G. L. LEACH: <i>See</i> V. M. GORRINGE	
ROY B. LEIPNIK: Partial differential equations for eigenvalues: sensitivity and perturbation analysis	439
CHRISTINE MARTINI: <i>See</i> JOHN RICKARD	
HOCINE MEKIAS and JEAN-MARC VANDEN-BROECK: Free-surface flow due to a source submerged in a fluid of infinite depth with two stagnant regions	368
R. N. MOHAPATRA: <i>See</i> P. H. HALPERN	
B. MOND: <i>See</i> V. JEYAKUMAR	
P. J. O'HARA: <i>See</i> P. H. HALPERN	
RENFREY B. POTTS: <i>See</i> XINGHUO YU	
S. PRÖSSDORF, J. SARANEN and I. H. SLOAN: A discrete method for the logarithmic-kernel integral equation on an open arc	401

JOHN RICKARD, ALLEN RUSSELL and CHRISTINE MARTINI: Welfare policy and multi-national monopolies	133
A. J. ROBERTS: Boundary conditions for approximate differential equations	54
A. J. ROBERTS: Planform evolution in convection —an embedded centre manifold	174
R. S. RODRIGUEZ: <i>See</i> P. H. HALPERN	
COLIN ROGERS: <i>See</i> PHILIP BROADBRIDGE	
KEIJO RUOTSALAINEN: Remarks on the boundary element method for strongly nonlinear problems	419
ALLEN RUSSELL: <i>See</i> JOHN RICKARD	
J. SARANEN: <i>See</i> S. PRÖSSDORF	
JINGYU SHI: <i>See</i> V. G. HART	
C. SINGH: <i>See</i> S. SUNEJA	
I. H. SLOAN and E. P. STEPHAN: Collocation with Chebyshev polynomials for Symm's integral equation on an interval	199
I. H. SLOAN: <i>See</i> S. PRÖSSDORF	
HAL L. SMITH: <i>See</i> YANG KUANG	
JOSEPH W.-H. SO: <i>See</i> XIAODONG LIN	
E. P. STEPHAN: <i>See</i> I. H. SLOAN	
DAVID E. STEWART: A numerical algorithm for optimal control problems with switching costs	212
S. SUNEJA, C. SINGH and R. N. KAUL: Optimality and duality in continuous-time nonlinear fractional programming	229
JEAN-MARC VANDEN-BROECK: Two-dimensional jet aimed vertically upwards	393
JEAN-MARC VANDEN-BROECK: <i>See</i> HOCINE MEKIAS	
A. M. WATTS: Variational principles, duality, Legendre transformations and mine shaft ventilation	274
G. J. WEIR: Linearised evaporation about a shallow half-plane pond	355
XIAODONG LIN: On the global stability of a delay epidemic model	26
XIAODONG LIN and JOSEPH W.-H. SO: Global stability of the endemic equilibrium and uniform persistence in epidemic models with subpopulations	282
XINGHUO YU and RENFREY B. POTTS: Computer-controlled variable-structure systems	1
B. G. ZHANG: <i>See</i> B. S. LALLI	