

## CONTENTS OF VOLUME 38

ANDONOWATI: A two-sided shooting method in computation of travelling combustion waves of a solid material	220
ANDONOWATI: See K. K. TAM	
J. ASAVANANT and J.-M. VANDEN-BROECK: Nonlinear free-surface flows emerging from vessels and flows under a sluice gate	63
D. D. BAINOV and I. M. STAMOVA: Second method of Lyapunov and comparison principle for impulsive differential-difference equations	489
BELINDA BARNES and ROGER GRIMSHAW: Analytical and numerical studies of the Bonhoeffer van der Pol System	427
K. BALACHANDRAN and J. P. DAUER: Relative controllability of nonlinear neutral Volterra integrodifferential systems	346
R. K. BERA and A. CHAKRABARTI: The sputtering temperature of a cooling cylindrical rod without and with an insulated core in a two-fluid medium	87
S. R. BISHOP: See M. J. CLIFFORD	
JOSÉ LUIZ BOLDRINI: See MARKO A. ROJAS-MEDAR	
RICHARD J. BOUCHERIE: On the Quasi-stationary distribution for queueing networks with defective routing	454
L. R. BRAGG: Propagation relations for solutions of some higher order Cauchy problems	229
X. CAI: See S. ZHOU	
YULING CAO and H. I. FREEDMAN: Global attractivity in time-delayed predator-prey systems	149
CARSTEN CARSTENSEN and ERNST P. STEPHAN: Adaptive boundary-element methods for transmission	336
A. CHAKRABARTI: See R. K. BERA	
A. CHAKRABARTI and SAHOO: Reflection of water waves by a nearly vertical porous wall	417
GRAEME A. CHANDLER: See LAWRENCE K. FORBES	
M. ASLAM CHAUDHRY and S. M. ZUBAIR: On a connection between the generalized incomplete gamma functions and their extensions	581
M. ASLAM CHAUDHRY and S. M. ZUBAIR: On an extension of generalized incomplete Gamma functions with applications	392
J. CHENG: See P. G. HOWLETT	
J. R. CRISTIE, K. GOPALSAMY and M. P. PANIZZA: Subharmonic orbits in an anharmonic oscillator	307
M. J. CLIFFORD and S. R. BISHOP: Locating oscillatory orbits of the parametrically-excited pendulum	309
J. P. DAUER: See K. BALACHANDRAN	
M. A. B. DEAKIN: The Laplace transform of $\exp(e^t)$	279
A. S. DOSTOVALOVA and S. T. SIMAKOV: Formation of singularities in a stratified fluid in the presence of a critical level	316
M. EL-GABALI: Efficient multiple-term approximations for the generalized elliptic-type integrals	411

LAWRENCE K. FORBES, GRAEME C. HOCKING and GRAEME A. CHANDLER: A note on withdrawal through a point sink in fluid of finite depth	406
H. I. FREEDMAN: See YULIN CAO	
K. GOPALSAMY: See J. R. CHRISTIE	
JOHN R. GRAEF, et al: Oscillatory and asymptotic behavior of solutions of nonlinear neutral-type differential equations	163
ROGER GRIMSHAW: See BELINDA BARNES	
XIANGJIAN HE: Oscillations of Interconnected Systems with $C^0$ Nonlinearities	41
L. D. HIRD and P. F. SIEW: Small Reynolds number flow between eccentric rotating cylinders with a permeable sleeve	255
GRAEME C. HOCKING: See LAWRENCE K. FORBES	
GRAEME C. HOCKING: See H. ZHANG	
P. G. HOWLETT and J. CHENG: Optimal driving strategies for a train on a track with continuously varying gradient	388
L. S. JENNINGS, K. H. WONG and K. L. TEO: Optimal control computation to account for eccentric movement	182
ZHUHAN JIANG: Matrix spectral problem with multiple-order jumps and poles	320
LIU JIANYONG and LIU KE: Markov decision programming - the moment optimal problem for the first-passage model	542
LIU KE: See LIU JIANYONG	
A. A. KOLYSHKIN and RÉMI VAILLANCOURT: Double conductor line above a two-layered cylinder with varying properties	1
ZBIGNIEW LEYK: A $C^0$ -Collocation-like method for elliptic equations on rectangular regions	368
W. D. MCKEE: Bragg resonances in a two-layer fluid	334
A. A. K. MAJUMDAR: Generalized multi-peg Tower of Hanoi problem	201
C. A. MARTINI: See A. M. RUSSELL	
AGNES MICIANO: See JOHN R. GRAEF	
S. K. MISHRA and R. N. MUKERJEE: On generalized convex multi-objective nonsmooth programming	140
R. N. MUKERJEE: See S. K. MISHRA	
DAVID MUSTARD: The fractional Fourier transform and the Wigner distribution	209
M. P. PANIZZA: See J. R. CHRISTIE	
JOSIP PEČARIĆ: See SANJA VAROŠANEC	
A. B. PLEASANTS, G. C. WAKE and A. L. RAE: The allometric hypothesis when the size variable is uncertain: issues in the study of carcass composition by serial slaughter	477
A. L. RAE: See A. B. PLEASANTS	
J. A. RICKARD: See A. M. RUSSELL	
A. J. ROBERTS: See S. D. WATT	
MARKO A. ROJAS-MEDAR and JOSÉ LUIZ BOLDRINI: Global strong solutions of equations of magnetohydrodynamic type	291
A. M. RUSSELL, C. A. MARTINI and J. A. RICKARD: Welfare optimization and multi-national monopolies	16

SAHOO: See A. CHAKRABARTI	
HUYUN SHA and J.-M. VANDEN-BROECK: Internal solitary waves with stratification in density	563
DONGHO SHIN and JOHN C. STRIKWERDA: Fast solvers for finite difference approximations for the Stokes and Navier-Stokes equations	274
P. F. SIEW: See L. D. HIRD	
S. S. SIMAKOV: See A. S. DOSTOVALOVA	
PAUL W. SPIKES: See JOHN R. GRAEF	
I. M. STAMOVA: See D. D. BAINOV	
ERNST P. STEPHAN: See CARSTEN CARSTENSEN	
D. E. STEWART: A numerical method for friction problems with multiple contacts	288
JOHN C. STRIKWERDA: See DONGHO SHIN	
P. SUNDARAM: See JOHN R. GRAEF	
K. K. TAM and ANDONOWATI: Numerical study of a problem in the combustion of a porous medium	506
K. L. TEO: See L. S. JENNINGS	
E. THANDAPANI: See JOHN R. GRAEF	
PETER TRITSCHER: An integrable fourth-order nonlinear evolution equation applied to surface redistribution due to capillarity	518
H. D. TUAN: On solution sets of nonconvex Darboux problems and applications to optimal control with endpoint constraints	354
RÉMI VAILLANCOURT: See A. A. KOLYSHKIN	
J.-M. VANDEN-BROECK: See J. ASAVANANT	
J.-M. VANDEN-BROECK: See HUYUN SHA	
SANJA VAROŠANEC and J. PEČARIĆ: Some integral inequalities, with application to bounds for moments of a distribution	325
G. C. WAKE: See A. B. PLEASANTS	
S. D. WATT and A. J. ROBERTS: The construction of zonal models of dispersion in channels via matched centre manifolds	101
S. D. WATT: See R. O. WEBER	
R. O. WEBER and S. D. WATT: Combustion waves	464
K. H. WONG: See L. S. JENNINGS	
WENSHENG XU: A maximum principle for optimal control for a class of controlled systems	172
X. Q. YANG: A comparative study of smoothing approximations	194
CHIA-SHUN YIN and SONGPING ZHU: Selective withdrawal from stratified streams	26
H. ZHANG and G. C. HOCKING: Withdrawal of layered fluid through a line sink in a porous medium	240
S. ZHOU and X. CAI: Variance minimization - relationship between Completion-Time Variance and Waiting-Time Variance	126
SONGPING ZHU: See CHIA-SHUN YIN	
S. M. ZUBAIR: See M. ASLAM CHAUDHRY	