

## CONTENTS OF VOLUME 28

MARIO AHUES: A class of strongly stable operator approximations	435
CARLOS ALVAREZ and ALAN C. LAZER: An application of topological degree to the periodic competing species problem	202
BRIAN D. O. ANDERSON: <i>See</i> MICHAEL GREEN	
R. S. ANDERSSEN: <i>See</i> A. R. DAVIES	
D. D. BAINOV: <i>See</i> A. I. ZAHARIEV	
MURRAY T. BATCHELOR: Sparse matrix factorizations of transfer matrices	462
A. BEN-ISRAEL and B. MOND: What is invexity?	1
JONATHAN M. BORWEIN: Generic differentiability of order-bounded convex operators	22
A. BROWN: Critical values for a nonlinear difference equation	340
A. BROWN: Ziebur's matrix equation for population growth	220
S. CHANDRA, B. D. CRAVEN and B. MOND: Generalized fractional programming duality: a ratio game approach	170
C. J. COLEMAN: A hybrid boundary integral/Taylor series approach to some nonlinear equations from fluid mechanics	279
I. L. COLLINGS: Two infinite-Froude-number cusped free-surface flows due to a submerged line source or sink	260
B. D. CRAVEN: A note on nondifferentiable symmetric duality	30
B. D. CRAVEN: <i>See</i> S. CHANDRA	
GERHARD DANGELMAYR: Degenerate bifurcations near a double eigenvalue in the Brusselator	486
A. R. DAVIES and R. S. ANDERSSEN: Optimization in the regularization of ill-posed problems	114
FRANK DE HOOG and IAN H. SLOAN: The finite-section approximation for integral equations on the half-line	415
NEVILLE DE MESTRE: The long jump record revisited	246
R. J. DUFFIN, D. F. KARNEY and E. Z. PRISMAN: Apex duality for constrained optimization	134
R. R. EGUDO and B. MOND: Duality with generalized convexity	10
V. I. FABRIKANT: Closed form solution to some mixed boundary value problems for a charged sphere	296
M. D. GOULD: Polynomial identities for simple Lie superalgebras	310
MICHAEL GREEN and BRIAN D. O. ANDERSON: On the continuity of the Wiener-Hopf factorization operation	443
ANDREAS GRIEWANK: The "global" convergence of Broyden-like methods with a suitable line search	75
J. GUDDAT, H. TH. JONGEN and J. RUECKMANN: On stability and stationary points in nonlinear optimization	36
SVEN-ÅKE GUSTAFSON: Investigating semi-infinite programs using penalty functions and Lagrangian methods	158
S. HAYES: <i>See</i> K. L. TEO	

G. JEPPI: <i>See</i> K. L. TEO	
H. TH. JONGEN: <i>See</i> J. GUDDAT	
SUDHANGSHU B. KARMAKAR: A heuristic method for the determination of a Hamiltonian circuit in a graph	328
D. F. KARNEY: <i>See</i> R. J. DUFFIN	
P. E. KLOEDEN: On the uniqueness of solitary Rossby waves	476
M. R. S. KULENOVIĆ, G. LADAS and A. MEIMARIDOU: Necessary and sufficient conditions for oscillations of neutral differential equations	362
KRISHNA KUNDU: <i>See</i> B. N. MANDAL	
G. LADAS: <i>See</i> M. R. S. KULENOVIĆ	
ALAN C. LAZER: <i>See</i> CARLOS ALVAREZ	
B. N. MANDAL and KRISHNA KUNDU: A note on the singularities in the theory of water waves with an inertial surface	271
JOANNA MATULA: On an extremum problem	376
A. MEIMARIDOU: <i>See</i> M. R. S. KULENOVIĆ	
B. MOND: <i>See</i> A. BEN-ISRAEL	
B. MOND: <i>See</i> S. CHANDRA	
B. MOND: <i>See</i> R. R. EGUDO	
E. J. MOORE: <i>See</i> K. L. TEO	
DAVID MUSTARD: Green manure and nitrogenous fertilizer—a two-sector optimal-growth model	181
M. R. OSBORNE, S. A. PRUESS and R. S. WOMERSLEY: Concise representation of generalised gradients	57
M. A. PATHAN and YASMEEN: On partly bilateral and partly unilateral generating functions	240
E. Z. PRISMAN: <i>See</i> R. J. DUFFIN	
S. A. PRUESS: <i>See</i> M. R. OSBORNE	
J. RUECKMANN: <i>See</i> J. GUDDAT	
J. M. SKOWRONSKI: Nonlinear model reference adaptive control	147
J. M. SKOWRONSKI: Nonlinear model reference adaptive control	
IAN H. SLOAN: <i>See</i> FRANK DE HOOG	
K. K. TAM: Initiation of thermal explosion by intense light: criticality dependence on data and parameters	287
K. L. TEO, G. JEPPI, E. J. MOORE and S. HAYES: A computational method for free time optimal control problems, with application to maximizing the range of an aircraft-like projectile	393
K. L. TEO, K. H. WONG and Z. S. WU: An optimal control problem involving a class of linear time-lag systems	93
R. S. WOMERSLEY: <i>See</i> M. R. OSBORNE	
K. H. WONG: <i>See</i> K. L. TEO	
Z. S. WU: <i>See</i> K. L. TEO	
YASMEEN: <i>See</i> M. A. PATHAN	
A. I. ZAHARIEV and D. D. BAINOV: On some oscillation criteria for a class of neutral type functional differential equations	229