

CONTENTS

ABBOTT JAMES P. and BRENT RICHARD P.: Fast local convergence with single and multistep methods for nonlinear equations	173
BARTON N. G.: On the asymptotic solution of an elliptic interior layer problem	493
BASU A. : A note on stress concentration around an elliptic hole in micropolar elasticity	289
BERRY L. T. M.: On the solution of a structured nonlinear programme	242
BHARGAVA R. D. and NARAYAN RAM: Concentric circular misfit and a circular arc crack in an infinite isotropic elastic plate	215
BLAKE J. R.: A note on integral representations in Stokes flow	161
BLATT JOHN M.: Optimal control with a cost of switching control	316
BLATT JOHN M.: Control systems with time lags	478
BRADDOCK R. D. and VAN DEN DRIESSCHE P.: On the stability of differential-difference equations	358
BRENT RICHARD P.: Some high-order zero-finding methods using almost orthogonal polynomials	1
BRENT RICHARD P.: <i>See</i> ABBOTT	173
CAMPBELL L. H.: A programming model for student enrolment planning	30
CLEMENTS D. L.: <i>See</i> LOVE	259
CLEMENTS D. L. and ROGERS C.: Analytic solution of the linearized shallow-water wave equations for certain continuous depth variations	81
CRAVEN B. D. and MOND B.: Sufficient Fritz John optimality conditions for nondifferentiable convex programming	462
DRUMMOND J. E.: A formula for summing divergent series	200
DRUMMOND J. E.: Summing a common type of slowly convergent series of positive terms	416
FITZ-GERALD J. M.: <i>See</i> PATTERSON	55
GREEN H. S.: Spectral resolution of the identity for matrices of elements of a Lie algebra	129
GREGORY L. J. and KLOTZ A. H.: On the variational derivation of Einstein's strong field equations	381
JONES A. S.: Heat transfer in the thermal entrance region of a flat duct.	146
KEATS R. G. and YU V. K.-K.: A generalisation of the study of sum and square law signal processors with multiple clipped inputs	294
KLOEDEN PETER E.: Some remarks on relative stability	112
KLOEDEN P. E.: Aggregation-decomposition and equi-ultimate boundedness	249
KLOTZ A. H.: <i>See</i> GREGORY	381
KNOWLES JAMES K.: On finite anti-plane shear for incompressible elastic materials.	400
LOVE E. R. and CLEMENTS D. L.: A transformation of Cooke's treatment of some triple integral equations	259
MOND B.: <i>See</i> CRAVEN	462
MOND B. and SCHECHTER M.: A programming problem with an L_p norm in the objective function	333
MORLAND L. W.: Existence of solutions of plane traction problems for inextensible transversely isotropic elastic solids	40
NARAYAN RAM: <i>See</i> BHARGAVA	215
NEWMAN J. N.: Swimming of slender fish in a non-uniform velocity field	95
OSBORNE M. R.: Nonlinear least squares — the Levenberg algorithm revisited	343
PAO C. V.: A Boltzmann-type equation in the kinetic theory of vehicular traffic	452

PARIA G. and SHARMA A. K.: Effect of static magnetic field on the helical flow of incompressible cholesteric liquid crystal between two coaxial circular cylinders having rotational and axial velocities.	371
PATEL L. K. and TRIVEDI V. M.: Some axially symmetric zero mass meson solutions of Einstein's equations	140
PATTERSON J. C. and FITZ-GERALD J. M.: The measurement of blood pressure	55
PERRAM J. W.: <i>See</i> SMITH	116
ROBINSON DEREK W.: Properties of propagation of quantum spin systems	387
ROGERS C.: <i>See</i> CLEMENTS	81
SCHECHTER M.: <i>See</i> MOND	333
SHARMA A. K.: <i>See</i> PARIA	371
SLOAN IAN H.: Convergence of degenerate-kernel methods	422
SMITH E. R. and PERRAM J. W.: Thermodynamic limit for a system with dipole-dipole interactions	116
STEVEN G. P.: Contact problem of an elastic plug in an elastic region	229
TRIVEDI V. M.: <i>See</i> PATEL	140
TUCK, E. O.: On air flow over free surfaces of stationary water	66
VAN DEN DRIESSCHE P.: <i>See</i> BRADDOCK	358
VAN DER BORGH T.: The effect of viscous dissipation on non-linear convection at high Rayleigh number	165
WEBB G. M.: Similarity solutions of the steady-state cosmic-ray-equation of transport	432
YEO GEOFFREY: A dam with general release rule	469
YU V. K-K: <i>See</i> KEATS	294