

## CONTENTS OF VOLUME 24

MEENA AGGARWAL: <i>See</i> P. C. SINHA	
N. ANDERSON and A. M. ARTHURS: Pointwise bounds for a solution of a nonlinear boundary value problem in partial differential equations	366
A. M. ARTHURS: <i>See</i> N. ANDERSON	
R. O. AYENI: On the explosion of chain-thermal reactions	194
D. W. BARCLAY: <i>See</i> T. BRYANT MOODIE	
G. R. BIGG and E. O. TUCK: Two-dimensional resonators with small openings	2
P. BROADBRIDGE: Existence theorems for Segal quantization via spectral theory in Krein space	439
J. G. BURNELL, A. A. LACEY and G. C. WAKE: Steady states of the reaction-diffusion equations. Part I: Questions of existence and continuity of solution branches	374
J. G. BURNELL, A. A. LACEY and G. C. WAKE: Steady states of the reaction-diffusion equations. Part II: Uniqueness of solutions and some special cases	392
R. D. BRADDOCK and P. VAN DEN DRIESEN: On a two lag differential delay equation	292
P. B. CHAPMAN: <i>See</i> K. K. TAM	
G. B. DAVIS and A. G. MORRIS: Stability of plane Couette flow for high Reynolds number	350
NEVILLE DE MESTRE and TREVOR PARKES: Some elementary exact channel flows	484
J. E. DRUMMOND: On interpreting the sums of asymptotic series of positive terms	28
ANNETTE DOBSON: <i>See</i> R. G. KEATS	
JOHN A. DUTTON and PETER E. KLOEDEN: The existence of Hadley convective regimes of atmospheric motion	318
J. D. FENTON and R. S. GARDINER-GARDEN: Rapidly-convergent methods for evaluating elliptic integrals and theta and elliptic functions	47
WINIFRED FROST: <i>See</i> R. G. KEATS	
R. S. GARDINER-GARDEN: <i>See</i> J. D. FENTON	
K. GOPALSAMY: Exchange of equilibria in two species Lotka-Volterra competition models	160
H. P. W. GOTTLIEB: The effect of an enclosed air cavity on a rectangular drum	343
H. P. W. GOTTLIEB: Hearing the shape of an annular drum	435
C. M. GULATI: <i>See</i> L. H. LIYANAGE	
A. J. GUTTMANN: <i>See</i> M. D. VAN DYKE	
JAMES M. HILL: <i>See</i> L. H. LIYANAGE	
JAMES M. HILL: <i>See</i> ALEXANDER I. LEE	
SUDHANGSHU B. KARMAKAR: Detection of Hamiltonian circuits in a directed graph	234
R. G. KEATS, WINIFRED FROST and ANNETTE DOBSON: The optimum processing of clipped signals: an approach based on a likelihood ratio statistic	262
PETER E. KLOEDEN: <i>See</i> JOHN A. DUTTON	
A. A. LACEY: Moving boundary problems in the flow of liquid through porous media	171
A. A. LACEY: <i>See</i> J. G. BURNELL	
HANG-CHIN LAI and SHU-SHIH YANG: Saddle point and duality in the optimization theory of convex set functions	130
JOHN E. LAVERY: Iterative solution of quasilinear parabolic equations by parabolic equations with constant coefficients	203
ALEXANDER I. LEE and JAMES M. HILL: On maximum principles for diffusion in the presence of three diffusion paths	417

## CONTENTS OF VOLUME 24

493

L. H. LIYANAGE, J. M. HILL and C. M. GULATI: A note on the random walk model arising in double diffusion	121
E. R. LOVE: <i>See</i> ROGER C. McCANN	
T. BRYANT MOODIE, R. J. TAIT and D. W. BARCLAY: Ray analysis and punching problems for stretched elastic plates	98
A. G. MORRIS: <i>See</i> G. B. DAVIS	
ROGER C. McCANN and E. R. LOVE: Monotonicity properties of the zeros of Bessel functions	67
D. M. O'BRIEN: A trace formula for Schrödinger operators with step potentials	138
R. W. OGDEN: <i>See</i> E. H. TWIZELL	
TREVOR PARKES: <i>See</i> NEVILLE DE MESTRE	
V. U. M. RAO: <i>See</i> D. R. K. REDDY	
D. R. K. REDDY and V. U. M. RAO: Static plane-symmetric solution of a scalar-tensor theory of gravitation	339
D. R. K. REDDY and V. U. M. RAO: Field of a charged particle in the presence of scalar meson fields in general relativity	461
AVRAM SIDI: Converging factors for some asymptotic moment series that arise in numerical quadrature	223
P. C. SINHA and MEENA AGGARWAL: Entry flow in a straight circular pipe	59
R. J. TAIT: <i>See</i> T. BRYANT MOODIE	
K. K. TAM: Computation of critical parameters for a problem in combustion theory	40
K. K. TAM: The temporal evolution of a system in combustion theory	473
K. K. TAM and P. B. CHAPMAN: Thermal ignition in a reactive slab with unsymmetric boundary temperatures	279
KEITH TOGNETTI: <i>See</i> GRAHAM WINLEY.	
E. O. TUCK: <i>See</i> G. R. BIGG	
E. H. TWIZELL and R. W. OGDEN: Non-linear optimization of the material constants in Ogden's stress-deformation function for incompressible isotropic elastic materials	424
P. VAN DEN DRIESCHE: <i>See</i> R. D. BRADDOCK	
M. D. VAN DYKE and A. J. GUTTMANN: Subsonic potential flow past a circle and the transonic controversy	243
H. VAN HOA: Solution of general inhomogeneous linear difference equations	466
G. C. WAKE: <i>See</i> J. G. BURNELL	
G. J. WEIR: Insulating circular rugs	359
GRAHAM WINLEY and KEITH TOGNETTI: Approximate solutions for coupled moment equations	86
W. D. WALLIS: A tournament problem	289
SHU-SHIH YANG: <i>See</i> HANG-CHIN LAI	