INDEX

PAGE

Adams, J. F. The Kahn–Priddy theorem 49

Aderogba, K. An elastostatic circle theorem 269

Arjas, E. and **Speed, T. P.** An extension of Cramér's estimate for the absorption probability of a random walk 355

Arrowsmith, D. K. Products of flows 301

Awtar, R. On a theorem of Posner 25

Bingham, N. H. Positive definite functions on spheres 145

Bona, J. L. and **Bryant, P. J.** A mathematical model for long waves generated by wavemakers in non-linear dispersive systems 391

Brown, G. and **Moran, W.** A dichotomy for infinite convolutions of discrete measures. 307

Brown, S. N. and **Stewartson, K.** On the propagation of disturbances in a laminar boundary layer. I 493

Brown, S. N. and **Stewartson, K.** On the propagation of disturbances in a laminar boundary layer. II 505

Bryant, P. J. and **Bona, J. L.** A mathematical model for long waves generated by wavemakers in nonlinear dispersive systems 391

Burch, L. On a class of commutative Noetherian rings 283

Burniston, E. E. and **Siewert, C. E.** The use of Riemann problems in solving a class of transcendental equations 111

Davies, R. O. Separate approximate continuity implies measurability 461

De Snoo, H. S. V. A note on Watson transforms 83

Diananda, P. H. Some cyclic and other inequalities. III 69

Edge, W. L. Binary forms and pencils of quadrics 417

Feder, S. and **Gitler, S.** Stable homotopy types of stunted complex projective spaces. 431

Finn, R. On the uniformization of plane direction fields, and of second-order partial differential operators 87

Fisher, B. Some results on the product of distributions. 317

Fraenkel, L. E. On a theory of laminar flow in channels of a certain class 361

Garling, D. J. H. A 'short' proof of the Riesz representation theorem 459

Gitler, S. and **Feder, S.** Stable homotopy types of stunted complex projective spaces . 431

Goodman, G. S. and **Johansen, S.** Kolmogorov's differential equations for non-stationary, countable state Markov processes with uniformly continuous transition probabilities 119

Hall, I. M. and **Samuel, T. D. M. A.** On the series solution to the laminar boundary layer with stationary origin on a continuous, moving porous surface 223

Hickin, K. K. and **Phillips, R. E.** Local theorems and group extensions 7

Ilamed, Y. Generalised Cayley–Hamilton identities for matrices with entries in a non-associated ring. 21

Jeffreys, H. On isotropic tensors 173

Johansen, S. and **Goodman, G. S.** Kolmogorov's differential equations for non-stationary, countable state Markov processes with uniformly continuous transition probabilities 119

Johnson, R. S. On the development of a solitary wave moving over an uneven bottom 183

https://doi.org/10.1017/S0305004100076969 Published online by Cambridge University Press

Jones, I. P. Low Reynolds number flow past a porous spherical shell 231
Jones, J. R. A further note on axially symmetric flows of elastico-viscous liquids . . 239
Jukes, K. A. On the converse of Mertens' theorem. 467
Jupp, P. E. Classification of certain 6-manifolds 293
Kalton, N. J. On summability domains 327
Keady, G. The jet from a horizontal slot at large Froude number 515
Körner, T. W. The union of sets of interpolation for general algebras 67
Kurtz, J. C. Uniform summability and Töplitz bases 73
Laffey, T. J. Solubility theorems for finite groups 1
Lekner, J. On the three-body problem 177
Longuet-Higgins, M. S. On a conjectured analogue to Clifford's chain in [4] . . 37
McKee, W. D. Internal-inertia waves in a fluid of variable depth 205
Masser, D. W. On the periods of the exponential and elliptic functions. . . . 339
Mayer, K. H. and **Schwarzenberger, R. L. E.** Lefschetz formulae for modest vector bundles 439
Mayer, K. H. Free S^1-actions and involutions on homotopy seven spheres . . . 455
Moran, W. and **Brown, G.** A dichotomy for infinite convolutions of discrete measures 307
Murray, N. W. The polygon-circle paradox and convergence in thin plate theory. . 279
Nath, G. B. An inequality for Mill's ratio for the type III population 351
Pavelle, R. The variational derivative of degenerate Lagrange densities . . . 167
Phillips, R. E. and **Hickin, K. K.** Local theorems and group extensions . . . 7
Ross, K. A. Fatou-Zygmund sets 57
Samuel, T. D. M. A. and **Hall, I. M.** On the series solution to the laminar boundary layer with stationary origin on a continuous, moving porous surface. 223
Schochet, C. On the structure of graded formal groups of finite characteristic . . 215
Schwarzenberger, R. L. E. and **Mayer, K. H.** Lefschetz formulae for modest vector bundles 439
Scraton, R. E. Polynomial approximations to the solution of the heat equation . . 157
Sen, P. K. On weak convergence of empirical processes for random number of independent stochastic vectors 139
Shanbhag, D. N. Comments on Wang's paper 473
Sharp, R. Y. The Cousin complex and integral extensions of Noetherian domains. . 407
Siewert, C. E. and **Burniston, E. E.** The use of Riemann problems in solving a class of transcendental equations 111
Simms, D. J. Bohr–Sommerfeld orbits and quantisable symplectic manifolds . . 489
Singer, M. An elementary proof of the invertible powers theorem. 289
Sleeman, B. D. The three-dimensional inverse scattering problem for the Helmholtz equation 477
Speed, T. P. and **Arjas, E.** An extension of Cramér's estimate for the absorption probability of a random walk 355
Spence, D. A. An eigenvalue problem for elastic contact with finite friction . . . 249
Stewartson, K. and **Brown, S. N.** On the propagation of disturbances in a laminar boundary layer. I. 493
Stewartson, K. and **Brown, S. N.** On the propagation of disturbances in a laminar boundary layer. II. 505
Szymiczek, K. Grothendieck groups of quadratic forms and G-equivalence of fields . 29

https://doi.org/10.1017/S0305004100076969 Published online by Cambridge University Press

CONTENTS

PAGE

SHARP, R. Y. The Cousin complex and integral extensions of Noetherian domains . 407

EDGE, W. L. Binary forms and pencils of quadrics 417

FEDER, S. and GITLER, S. Stable homotopy types of stunted complex projective spaces . 431

MAYER, K. H. and SCHWARZENBERGER, R. L. E. Lefschetz formulae for modest vector bundles 439

MAYER K. H. Free S^1-actions and involutions on homotopy seven spheres . . . 455

GARLING, D. J. H. A 'short' proof of the Riesz representation theorem. 459

DAVIES, R. O. Separate approximate continuity implies measurability 461

JUKES, K. A. On the converse of Mertens' theorem. 467

SHANBHAG, D. N. Comments on Wang's paper 473

SLEEMAN, B. D. The three-dimensional inverse scattering problem for the Helmholtz equation 477

SIMMS, D. J. Bohr–Sommerfeld orbits and quantizable symplectic manifolds . . . 489

BROWN, S. N. and STEWARTSON, K. On the propagation of disturbances in a laminar boundary layer. I 493

BROWN, S. N. and STEWARTSON, K. On the propagation of disturbances in a laminar boundary layer. II 505

KEADY, G. The jet from a horizontal slot at large Froude number 515

© The Cambridge Philosophical Society, 1973

Printed in Great Britain at the University Printing House, Cambridge

https://doi.org/10.1017/S0305004100076969 Published online by Cambridge University Press