

C O N T E N T S

	PAGE
MELDRUM, J. D. P. On nilpotent wreath products	1
SINGER, M. A product theorem for ideals over orders	17
HUNTER, D. B. The canonical form of invariant matrices	21
BURGESS, D. C. J. and McCARTAN, S. D. Order-continuous functions and order-connected spaces	27
DYE, R. H. On the transitivity of the orthogonal and symplectic groups in projective space	33
SMITH, A. Piecewise linear immersions	45
SIMMS, D. J. Topological aspects of the projective unitary group	57
SHARMA, P. L. and KORI, S. C. Absolute summability factors of Fourier series	61
ZABEEH, J. G. Spaces of cuts	67
VERBLUNSKY, S. A further note on a class of integral operators	73
BARCUS, W. D. The principal bundle action in the Eilenberg-Moore spectral sequence	87
SULLEY, L. J. On $B(\mathbb{T})$ and $B_r(\mathbb{T})$ locally convex spaces	95
LASCARIDES, C. G. and MADDOX, I. J. Matrix transformations between some classes of sequences	99
COATES, J. Construction of rational functions on a curve	105
MORDELL, L. J. The diophantine equation $Ax^4 + By^4 + Cz^4 = 0$	125
DITZIAN, Z. Summability of Hermite polynomial expansions of generalized functions	129
RAMANUJAN, P. B. On operators of class (N, k)	141
SMITH, R. A. Möbius transformations in stability theory	143
DAVIDSON, R. Sorting vectors	153
KSHIRSAGAR, A. M. and WYSOCKI, R. Some distribution and moment formulae for the Markov renewal process	159
SHANBHAG, D. N. Another characteristic property of the Poisson distribution	167
SLEEMAN, B. D. The low frequency scalar diffraction by an elliptic disc. Corrigendum	171
ANDERSON, N. and ARTHURS, A. M. Complementary variational principles for $\phi'' = f(\phi)$	173
BUCHDAHL, H. A. On functionally constant invariants of the Riemann tensor	179
MÜLLER ZUM HAGEN, H. On the attractive force of the gravitational field in static space times	187
MÜLLER ZUM HAGEN, H. On the analyticity of stationary vacuum solutions of Einstein's equation	199
DURANCE, J. A. Fluid motion in a rotating sliced cylinder	203
SMITH, M. G. The isotropic scattering of radiation from an asymmetric spherical source in a finite atmosphere	213
SMITH, M. G. The isotropic scattering of radiation from a point source in a finite spheroidal atmosphere	225
LEPPINGTON, F. and LEVINE, H. On the capacity of the circular disc condenser at small separation	235

Printed in Great Britain at the University Printing House, Cambridge