## INDEX OF PAPERS PUBLISHED IN THIS VOLUME ARRANGED ACCORDING TO NAMES OF AUTHORS

Chambers, Ll. G. . . Diffraction by a Half-Plane, 92.
Conolly, B. W. . . On Integral Transforms, 125.

Erdélyi, A.
Erdös, P. and
Macintyre, A. J.
Fabian, William
Foulkes, H. O.
Hsu, L. C.

Macintyre, A. J. and Erdös, P.

Nagler, H
du Plessis, N. . . . A Note about Functions in Lip a, 100.

Scott, T.
Shenton, L. R.

Thurston, H. A.
Vajda, S .

Vermes, $P$.
Watson. G. N.
Willmore, T. J.

Aitken, A. C. . . . A Note on Trace-Differentiation and the $\Omega$-operator, 1.
Ashour, A. A. . . . Note on the Problem of the Electrified Disc, 123.
Buchdahl, H. A. . . On a Set of Conform-Invariant Equations of the Gravitational Field, 16.

Eggleston, H. G. . . Some Remarks on Uniform Convergence, 45.
On a Generalisation of the Laplace Transformation, 53.
Integral Functions with Gap Power Series, 62.
Tensor Integrals, $1+5$.
Matrix Differentiation of $S$-Functions, 5.
On an Asymptotic Integral, 141.
Hsu, P. L. . . . On Symmetric, Orthogonal, and Skew-Symmetric Matrices, 37.

Kalicki, J. . . . On Equivalent Truth-Tables of Many-Valued Logics, 56.
Lambe, C. G. . . . Integral Equations Satisfied by Lamé-Wangerin Functions, 71.

Integral Functions with Gap Power Series, 62.

Schneider, Hans. . . The Elementary Divisors associated with 0 of a Singular M-matrix, 108.
A Matrix Problem concerning Projections, 129.
On the $\Phi$-Invariant of Two Quadrics, 25.
A Determinantal Expansion for a Class of Definite Integral, Part 2, 78 ; Part 3, 134; Part 4, 15?; Part 5, 166.

Congruences on a Distributive Lattice, 76.
Theorems Relating to Quadratic Forms and their Discrimi-
nant Matrices, 13.
[The mmbers refer to pages.]

On a Certain Matrix Product with Specified Latent Roots,

Note on $\gamma$-Matrices Efficient at an Isolated Point, 11.
Some Identities Associated with a Discriminant, 101.
On Compact Riemannian Manifolds with Zero Ricci Curvature, 131.

