

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

[The numbers refer to pages.]

- Aitken, A. C. . . . . On Interpolation by Iteration of Proportional Parts, without the Use of Differences, 56.  
On the Evaluation of Determinants, the Formation of their Adjugates, and the Practical Solution of Simultaneous Linear Equations, 207.
- Anderson, J. . . . . A Generalisation of a Theorem of E. Toeplitz, 289.
- Campbell, J. T. . . . . Factorial Moments and Frequencies of Charlier's Type B, 99.
- Comrie, P. . . . . Obituary Notice of Dr A. G. Burgess, 300.
- Copson, E. T. . . . . An Approximation connected with  $e^{-x}$ , 201.
- Dalton, J. P. . . . . A simple method of establishing relations between Theta-functions of zero argument, 286.
- Daniels, H. E. . . . . A Theorem on the Complete Integral, 144.
- Edge, W. L. . . . . The Jacobian Curve of a Net of Quadrics, 259.
- Etherington, I. M. H. . . . . On Errors in Determinants, 107.
- Fekete, M. . . . . On the Absolute Summability ( $A$ ) of Infinite Series, 132.
- Gillespie, R. P. . . . . On Functions of Integrals, 87.
- Gormley, P. G. . . . . On Straneo's Unified Theory of Gravitation and Electricity, 269,
- Humbert, P. . . . . On Appell's Function  $P(\theta, \phi)$ , 53.  
Bessel-integral Functions, 276.
- McCoy, N. H. . . . . Certain Expansions in the Algebra of Quantum Mechanics, 118.
- Milne-Thomson, L. M. . . . . A Matrix Representation of Ascending and Descending Continued Fractions, 189.
- Mursi-Ahmed, M. . . . . On the Composition of Simultaneous Differential Systems of the First Order, 128.
- Parsons, J. D. . . . . Solution with Axial Symmetry of Einstein's Equations of Teleparallelism, 37.
- Richmond, H. W. . . . . The Tritangent Circles of a Circular Quartic Curve, 46.
- Rutherford, D. E. . . . . On the Canonical Form of a Rational Integral Function of a Matrix, 135.
- Rutter, D. . . . . The Polar Properties of the Plane Trinodal Quartic Curve, 30.
- Sheppard, W. F. . . . . Interpolation by means of Given Differences (Central Difference Notation), 1.
- Sommerville, D. M. Y. . . . . Sets of Points Self-Conjugate with regard to a Quadric in  $n$  Dimensions, 6.  
Metrical Coordinates in Non-Euclidean Geometry, 16.
- Turnbull, H. W. . . . . James Gregory: A Study in the Early History of Interpolation, 151.
- Walker, A. G. . . . . On Small Deformation of Sub-Spaces of a Flat Space, 77.
- Walsh, C. E. . . . . A Note on Sequences Determined by a Recurrence Relation, 147.  
Supplement to a Note on Recurrent Sequences, 220.

- Weitzenböck, R. . . Ueber die Endlichkeit der Invarianten binärer Formen, 223.  
 Whittaker, J. M. . . The Composition of Linear Differential Systems, 10.  
                               On the Asymptotic Periods of Integral Functions, 241.  
 Williamson, J. . . Sets of Semi-Commutative Matrices. Part I, 179.  
                               Part II, 231.  
 Wilson, R. . . . A Note on Resultants of Equations in a Cyclic Number  
                               System, 26.  
 Winn, C. E. . . . On Absolute Summability for any Positive Order, 173.  
 Zia-uddin . . . Note on an "Alternant" with Factorial Elements, 296.
- 

## INDEX ACCORDING TO SUBJECTS

---

[The numbers refer to pages.]

- Algebra* . . . Aitken, A. C., 207: Anderson, J., 289: Etherington,  
 I. M. H., 107: McCoy, N. H., 118: Milne-Thomson,  
 L. M., 189: Rutherford, D. E., 135: Weitzenböck, R.,  
 223: Williamson, J., 179, 231: Wilson, R., 26:  
 Zia-uddin, 296.
- Bessel Functions* . . . Humbert, P., 276.
- Complex Variable,*  
*Functions of* . . . Copson, E. T., 201: Humbert, P., 53: Whittaker, J. M.,  
 241.
- Differential Equations* . . Daniels, H. E., 144: Mursi-Ahmed, M., 128: Whittaker,  
 J. M., 10.
- Elliptic Functions* . . Dalton, J. P., 286.
- Geometry, Algebraic* . . Anderson, J., 289: Richmond, H. W., 46: Rutter, D., 30:  
 Sommerville, D. M. Y., 6, 16.
- Geometry, Differential* . Gormley, P. G., 269: Parsons, J. D., 37: Walker, A. G., 77.
- Geometry, Pure* . . Edge, W. L., 259.
- History* . . . Turnbull, H. W., 151.
- Interpolation* . . . Aitken, A. C., 56: Campbell, J. T., 99: Sheppard, W. F., 1:  
 Turnbull, H. W., 151.
- Obituary* . . . Comrie, P., 300.
- Relativity* . . . Gormley, P. G., 269: Parsons, J. D., 37.
- Series, Infinite* . . Copson, E. T., 201: Fekete, M., 132: Walsh, C. E., 147,  
 220: Winn, C. E., 173.
- Variations, Calculus of* . Gillespie, R. P., 87.