

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

[The numbers refer to pages.]

- Aitken, A. C. Note on a selection from a multivariate normal population, 106.
Obituary notice of Sir Thomas Muir, 263.
- Bosanquet, L. S. The absolute summability (A) of Fourier series, 12.
- Campbell, J. T. The Poisson correlation function, 18.
- Cannon, E. W., and
Wintner, A. An asymptotic formula for a class of distribution functions, 138.
- Edge, W. L. The problem of the in-and-circumscribed polygon for a plane quartic curve, 121.
A special net of quadrics, 185.
- Gillespie, R. P. On a simple type of integro-differential equation, 80.
- Gupta, Hansraj Congruence properties of G -functions, 61.
On a theorem of Gauss, 118.
- Haslam-Jones, U. S. Obituary notice of Professor B. M. Wilson, 268.
- Humbert, P. Some new operational representations, 232.
- Hyslop, J. M. On the summability of series by a method of Valiron, 218.
- Ledermann, W. Reduction of singular pencils of matrices, 92.
- Littlewood, D. E. A theorem on alternants, 262.
- Macintyre, A. J. An elementary proof of the theorems of Cauchy and Mayer, 112.
- Mehrotra, B. M. Theorems connecting different classes of self-reciprocal functions, 53.
- Mitra, S. C. On the squares of Weber's parabolic-cylinder functions and certain integrals connected with them, 27.
The operational representations of $D_n(x)$ and $(D_{-(n+1)}^2(ix) - D_{-(n+1)}^2(-ix))$, 33.
On certain new connections between Legendre and Bessel functions, 111.
- Motzkin, Th. On vanishing coaxial minors, 210.
- Peddie, W. Obituary notice of Professor J. E. A. Steggall, 270.
- Richmond, H. W. On the tritangent planes of a quadri-cubic space-curve, 159.
- Ruse, H. S. Gauss' theorem in a general space-time, 144.
- Saddler, W. On certain equations to the cubic surface, with extensions to higher space, 1.
- Scott, T. A geometrical interpretation of the symmetrical invariant of three ternary quadratics, 258.
- Shabde, N. G. On some definite integrals involving Legendre functions, 41.
- Sokolnikoff, I. S. and E. S. Note on a resolution of linear differential systems, 36.
- Todd, J. A. On the topology of certain algebraic threefold loci, 175.

- Turnbull, H. W. . . . Obituary notice of Professor D. M. Y. Sommerville, 57.
On the reduction of singular matrix pencils, 67.
- Walker, A. G. . . . Note on relativistic mechanics, 170.
The Boltzmann equations in general relativity, 238.
- Walsh, C. E. . . . An addendum, 79.
- Weatherburn, C. E. . . On certain quadric hypersurfaces in Riemannian space, 85.
- Whittaker, E. T. . . . Obituary notice of Dr E. M. Horsburgh, 272.
- Whittaker, J. M. . . . Note on the "sum" of an integral function, 77.
The asymptotic periods of integral and meromorphic functions, 254.
- Williamson, J. . . . On the equivalence of two singular matrix pencils, 224.
- Zia-ud-Din, M. . . . On determinantal symmetric functions, 47.

INDEX ACCORDING TO SUBJECTS

[The numbers refer to pages.]

- Algebra* Ledermann, W., 92 : Littlewood, D. E., 262 : Motzkin, Th., 210 : Turnbull, H. W., 67 : Williamson, J., 224 : Zia-ud-Din, M., 47.
- Differential Equations* Macintyre, J., 112.
- Functions, Theory of* Cannon, E. W., and Wintner, A., 138 : Mehrotra, B. M., 53 : Mitra, S. C., 27, 33, 111 : Shabde, N. G., 41 : Sokolnikoff, I. S. and E. S., 36 : Whittaker, J. M., 77, 254.
- Geometry, Algebraic* Edge, W. L., 121, 185 : Richmond, H. W., 159 : Saddler, W., 1 : Scott, T., 258.
- Geometry, Riemannian* Weatherburn, C. E., 85.
- Numbers, Theory of* Gupta, H., 61., 118.
- Obituaries* Aitken, A. C., 263 : Haslam-Jones, U. S., 268 : Peddie, W., 270 : Turnbull, H. W., 57 : Whittaker, E. T., 272.
- Operational Calculus* Humbert, P., 232 : Mitra, S. C., 33.
- Relativity* Ruse, H. S., 144 : Walker, A. G., 170., 238.
- Series, Infinite* Bosanquet, L. S., 12 : Hyslop, J. M., 218 : Walsh, C. E., 79.
- Statistics* Aitken, A. C., 106 : Campbell, J. T., 18 : Cannon, E. W., and Wintner, A., 138.
- Topology* Todd, J. A., 175.
- Variations, Calculus of* Gillespie, R. P., 80.