FIFTEENTH ANNUAL LIST OF PAPERS

READ BEFORE THE AMERICAN MATHEMATICAL SOCIETY AND SUBSEQUENTLY PUBLISHED, INCLUDING REFERENCES TO THE PLACES OF THEIR PUBLICATION.


BOLZA, OSKAR. A Fifth Necessary Condition for a Strong Extremum of the Integral

\[ \int_{x_0}^{x_f} F(x, y, y') dx. \]


— See VELENE, OSWALD.


LEONARD, H. B. See Epstein, Saul.


LEWY, E. O. On a Problem Including that of Several Bodies and Admitting of an Additional Integral. Read Apr. 29, 1905. *Transactions of the American Mathematical Society*, vol. 6, No. 4, pp. 491-495; Oct., 1905.


— See Bliss, G. A.


— Groups in which all the Operators are Contained in a Series of Subgroups such that any Two have only Identity in Common. Read Apr. 28, 1906. *Bulletin of the American Mathematical Society*, vol. 12, No. 9, pp. 446–449; June, 1906.


