

NOTES

A portion of the library of Oliver Heaviside, who died in 1925, is now on exhibition at the Massachusetts Institute of Technology. The collection includes a number of autograph letters and other memorabilia gathered by the late Dr. B. A. Behrend. It will shortly be sent to England to be preserved in the library of the Institution of Electrical Engineers.

The Princeton University Press will publish sometime during the early summer a book by Dean L. P. Eisenhart on *Continuous Groups*.

A translation of Enriques' *Lezioni di Geometria Proiettiva* has been made by Professor H. R. Phalen, and published by him, reproduced by a duplicating process in a limited edition. Orders should be sent to Professor Phalen at St. Stephen's College, Annandale-on-Hudson, N. Y.; the price is \$3.75.

The Royal Academy of Bologna announces the following subjects for its Adolfo Merlani prize in mathematics, for which competition closes December 31, 1934: (1) *A contribution to the study of the roots of the integrals of linear differential equations (in the real domain)*; (2) *A contribution to some question in the mechanics of fluids, preferably in aerodynamics*. Competing memoirs must be written in Italian, and may be in manuscript or already in print.

The Physico-Mathematical Society of Kazan announces that the seventh award of its Lobatchefski prize will be made on February 26, 1934. Competition closed February 1, 1933.

Cambridge University announces the following awards: Smith's prizes to E. A. Maxwell, of Queen's College, for an essay entitled *The invariants of certain surfaces*, and to R. H. Stoy, of Gonville and Caius College, for an essay entitled *The planetary nebulae*; Rayleigh prizes to W. E. Candler, of Trinity College, for an essay entitled *The stability of the rings of Saturn*, to C. Strachan, of Corpus Christi College, for an essay entitled *Reflection by monomolecular films*, and to M. H. H. Walters, of King's College, for an essay entitled *The effect of stellar encounters on the orbits of binary stars*. The following subject is announced for the Adams prize for the period 1933-34: *The mathematical representation of unsteady flow in fluids*. Competition for this prize is open to all persons who have at any time been admitted to a degree in Cambridge University.

Sir Richard Glazebrook, formerly chairman of the Aeronautical Research Committee, has been awarded the gold medal of the Royal Aeronautical Society.

The Royal Society of Edinburgh has awarded its Makdougall-Brisbane prize for 1930-32 to Dr. A. C. Aitken, of the University of Edinburgh, for various contributions to mathematics published in the Proceedings of that Society.