

NOTES

It has been decided again to increase the size of this BULLETIN, so that the present volume will contain approximately 750 pages. The size of the present number results from this decision.

At the Annual Meeting of the Society, to be held in Philadelphia, December 28–30, 1926, in affiliation with the American Association for the Advancement of Science, Professor G. D. Birkhoff will deliver his retiring presidential address; it will be entitled *A mathematical critique of some physical theories*. The Josiah Willard Gibbs Lecture will be delivered by Professor H. B. Williams, of the College of Physicians and Surgeons of Columbia University, on the subject *Mathematics and the biological sciences*. On Thursday afternoon, Dec. 30, there will be held a joint meeting of this society, The Mathematical Association of America, and Section A of the American Association for the Advancement of Science, at which Professor W. H. Roever will deliver his retiring address as Vice-President of Section A on the subject *The weight field of force of the earth*, and Professor F. D. Murnaghan, of the Johns Hopkins University, will speak on the topic *The duty of exposition, with special reference to the Cauchy-Heaviside theorem*. An informal dinner for the mathematicians and their guests will be held at the Aldine Hotel on Wednesday evening.

The reports and addresses that have appeared or are appearing in the present volume of this BULLETIN are now available as separate reprints, and may be ordered at the office of the Society in New York. Those now on hand are: *Properties of unrestricted functions*, by Henry Blumberg, pages 132–148; *Some modern views of space* (The Gibbs Lecture for 1925), by James Pierpont, pages 225–258; *The Borel theorem and its generalizations*, by T. H. Hildebrandt, pages 423–474; *Some recent work in the calculus of variations*, by Arnold Dresden, pages 475–521. These will be sold practically at cost at prices announced on a fly-leaf of this issue; in general the charge will be less than one cent per page.

Professors E. W. Chittenden and E. B. Stouffer have been appointed associate editors of the TRANSACTIONS OF THIS SOCIETY.

The second number of volume 28 of the TRANSACTIONS OF THIS SOCIETY contains the following papers: *New division algebras*, by L. E. Dickson; *The first and second variations of a double integral for the case of variable limits*, by H. A. Simmons; *On extending a continuous (1–1) correspondence of two plane continuous curves to a correspondence of their planes*, by H. M. Gehman; *Systems of equations in an infinity of unknowns, whose solution involves an arbitrary parameter*, by I. M. Sheffer; *Solution of certain functional equations relative to a general linear set*, by M. H. Ingraham; *Combinatorial analysis situs*, by J. W. Alexander; *Geometries of paths for which the equations of the paths admit $n(n+1)/2$ independent linear first integrals*, by L. P. Eisenhart; *Multiply transitive substitution groups*, by G. A. Miller; *An extension of Lagrange's expansion*, by H. Bateman.