

lected Works, volume 1). Also the known criteria for the resolubility of such congruences can be put in partition forms.

7. The limit of the degree of a simply transitive primitive group which does not include the alternating group of that degree and which contains a given substitution is the object of investigation in Dr. Manning's paper. If the given substitution is of the (odd) prime order p and of degree pq , such a limit is given by the formula

$$(p + q) \left\{ q + \frac{p - 1}{p + 1} + \mu(q - 1) \right\} - \frac{p + \theta q}{\theta - 1} \theta^\mu,$$

where $\theta = 2p/(p - 1)$ and μ is the characteristic of $\log_\theta q$.

W. A. MANNING,
Secretary of the Section.

THE FIFTY-SEVENTH MEETING OF THE AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE.

THE fifty-seventh meeting of the American Association for the Advancement of Science was held in New York City during the convocation week December 27, 1906, to January 2, 1907. The president of the meeting was Dr. W. H. Welch, of Johns Hopkins University. The address of the retiring president, Professor C. M. Woodward, entitled "The Science of Education," was given in the auditorium of the Horace Mann School of Columbia University on the evening of the opening day. This address has been published in full in *Science* for December 28, 1906.

The meetings of Section A were not well attended, only about twenty members being present at the organization meeting. The officers of the section were: vice-president, Edward Kasner; secretary, L. G. Weld; councilor, G. B. Halsted; member of the general committee, James McMahon; press secretary, the secretary of the section; sectional committee, Ormond Stone, E. B. Frost, E. O. Lovett, Harris Hancock, A. N. Skinner, together with the vice-president and the secretary of the section.