

Professor O. Tedone, of the University of Genoa, died April 18, 1922, at the age of fifty-two years.

Professor Hermann Grassmann, of the University of Giessen, died in January, 1922, at the age of sixty-five years.

Professor J. C. Kapteyn, professor of astronomy and mechanics at the University of Groningen, died June 18, 1922.

Professor Pierre Boutroux, of the Collège de France, died June 25, 1922. Professor Boutroux had been a member of the American Mathematical Society since 1913.

Professor James McMahon, of Cornell University, died June 1, 1922, at the age of sixty-six years. Professor McMahon had been a member of the American Mathematical Society since its organization (as the New York Mathematical Society) in 1891. He was for seven years associate editor of the *Annals of Mathematics*, and was secretary of section A, general secretary, and vice-president of the American Association for the Advancement of Science.

NEW PUBLICATIONS

I. HIGHER MATHEMATICS

- BENNY (L. B.). *Plane geometry. An account of the more elementary properties of the conic sections, treated by the methods of co-ordinate geometry, and of modern projective geometry, with applications to practical drawing.* London, Blackie, 1922. 8 + 336 pp.
- BIEBERBACH (L.). *Funktionentheorie.* (Teubners Technische Leitfäden, Band 14.) Leipzig, Teubner, 1922. 118 pp.
- BOREL (E.). See LÉVY (P.).
- CARTAN (E.). *Leçons sur les invariants intégraux.* Paris, Hermann, 1922. 10 + 210 pp.
- DENJOY (A.). *Calcul des coefficients de la série trigonométrique convergente la plus générale dont la somme est une fonction donnée.* Paris, Gauthier-Villars, 1921. 4to. 16 pp.
- GOURSAT (E.). *Leçons sur le problème de Pfaff.* Paris, Hermann, 1922. 8 + 387 pp.
- HAAG (J.). *Cours complet de mathématiques spéciales. Tome 2: Géométrie.* Paris, Gauthier-Villars, 1921. Svo. 6 + 662 pp.
- HADAMARD (J.). See JUVET (G.), LÉVY (P.).
- JUVET (G.). *Introduction au calcul tensorial et au calcul différentiel absolu. Préface de M. J. Hadamard.* Paris, Blanchard, 1922. Svo. 2 + 101 pp.
- KOWALEWSKI (G.). *Die klassischen Probleme der Analysis des Unendlichen. Ein Lehr- und Uebungsbuch für Studierende zur Einführung in die Infinitesimalrechnung. 2te Auflage.* Leipzig, Engelmann, 1921. Svo. 8 + 342 pp.