

PROFESSORS A. GUTZMER, of the University of Halle, L. KOENIGSBERGER, of the University of Heidelberg, and R. VON LILIENTHAL, of the University of Münster, have received the title of Geheimer Regierungsrat.

DR. O. TOEPLITZ, of the University of Göttingen, has been appointed associate professor of mathematics in the University of Kiel.

DR. H. F. BAKER, Cayley lecturer in mathematics at Cambridge University, has been appointed Lowndean professor of astronomy and geometry, as successor to the late Sir ROBERT BALL.

THE Sylvester medal of the Royal society has been awarded to Dr. J. W. L. GLAISHER.

DR. C. M. WOODWARD, emeritus professor of mathematics and applied mechanics in Washington University, died on January 12, at the age of 77 years.

MR. D. L. PETTEGREW, of the Massachusetts mutual life insurance company, died on January 19, at the age of 86 years. Mr. Pettegrew had been a member of the American Mathematical Society since 1893.

NEW PUBLICATIONS.

I. HIGHER MATHEMATICS.

- BENDT (F.). Grundzüge der Differential- und Integralrechnung. 5te Auflage, durchgesehen und verbessert von G. Ehrig. Leipzig, Weber, 1914. 8vo. 16+268 pp. Cloth. M. 3.00
- BERGMANN (H.). Das Unendliche und die Zahl. Halle, Niemeyer, 1913. 8vo. 7+88 pp. M. 2.50
- BONNAR (W.). The mathematical laws of psychic phenomena; discovered, formulated and elucidated with practical diagrams. Buffalo, N. Y., Bonnar, 1913. 4to. 20+193 pp. \$5.00
- BOSMANS (H.). Les démonstrations par l'analyse infinitésimale chez Luc Valerio. (*Annales de la Société scientifique de Bruxelles, tome 37.*) Louvain, Ceuterick, 1913. 22 pp. Fr. 2.00
- Sur quelques exemples de la méthode des limites chez Simon Stevin. (*Annales de la Société scientifique de Bruxelles, tome 37.*) Louvain, Ceuterick, 1913. 33 pp. Fr. 2.00
- BÜCHER, Neue, über Naturwissenschaften und Mathematik. (Die Neuigkeiten des deutschen Buchhandels, nach Wissenschaften geordnet.) Mitgeteilt Herbst 1913. Leipzig, Hinrichs, 1913. 8vo. Pp. 51-74. M. 0.30