MR. ALBERT M. SAWIN has been made instructor in mathematics at Syracuse University.

The deaths are announced of DR. HERRMAN SCHAEFFER, honorary professor of mathematics at the University of Jena, of Professor CHARLES PIAZZI SMITH, the astronomer, and of Mr. LEANDER J. McCORMICK, founder of the observatory bearing his name at the University of Virginia.

Two errors in noticing appointments have occurred in recent numbers of the BULLETIN. Dr. H. LIEBMANN has become privat docent at Leipzig, not Königsberg, and Mr. F. E. ROSS has been appointed instructor at the University of Nevada, not Nebraska.

NEW PUBLICATIONS.

I. HIGHER MATHEMATICS.

CANTOR (M.). Vorlesungen über Geschichte der Mathematik. Vol. 2, zweiter Halbband: 1550-1668. 2te Auflage. Leipzig, Teubner, 1899. 8vo. 12 pp. and pp. 481-943. M. 12.00

FREDHOLM (I.). Sur une équation aux dérivées partielles du quatrième ordre. (*Öfversigt af Kongl. Vetenskaps-Akademiens Förhandlingar*, Stockholm, 1899.) 8vo. Pp. 935-940.

FUHRMANN (W.). Beiträge zur Transformation algebraisch-trigonometrischer Funktionen. Teil II. Königsberg, 1899. 4to. 30 pp. M. 1.50

GERLACH (R.). Die Metrik in projektiven Koordinaten. (Diss.) Zürich, 1899. 8vo. 114 pp.

LING (G. H.) and MILLER (G. A.). Proof that there is no simple group whose order lies between 1092 and 2001. (*American Journal of Mathematics*, Vol. 22, pp. 13-26.) 4to.

MILLER (G. A.). Note on Netto's Theory of substitutions. (*Annals of Mathematics*, 2d series, Vol. 1, pp. 71-73.) 4to.

OTTI (H.). Eigenschaften der Besselschen Funktionen zweiter Art. (Diss.) Bern, 1899. 8vo. 55 pp.

ROTHROCK (D. A.). Invariants of the finite continuous groups of the plane. (Diss.) Leipzig, 1899. 8vo. 31 pp.

STENDER (H.). Invariante Flächen und Kurven bei konformen Gruppen des Raumes. (Diss.) Leipzig, 1899. 8vo. 59 pp.

II. ELEMENTARY MATHEMATICS.

ADAM (V.). Taschenbuch der Logarithmen. 28ste Auflage. Wien, 1899. 12mo. 9 + 99 pp. Cloth. M. 1.00

ANDRE (P.). Nouveau cours de géométrie à l'usage de tous les établissements d'instruction, contenant plus de onze cents problèmes résolus et à résoudre, trois traités complets (levé des plans, arpentage, partage des terres), des notions de nivellement et un grand nombre de questions usuelles. 24e édition. Paris, André, 1900. 18mo. 7 + 497 pp.