By special invitation Dr. A. R. FORSYTH is delivering a course of sixteen lectures on the theory of functions of two or more complex variables at the University of Calcutta. It has been announced that the lectures will be published in book form later.

PROFESSOR OSKAR BOLZA, of the University of Freiburg, will give courses of lectures on the theory of functions and on linear integral equations at the University of Chicago throughout the coming summer quarter.

MR. W. C. GRAUSTEIN, now studying at Bonn as Sheldon fellow of Harvard University, has been appointed instructor in mathematics at Harvard for the academic year 1913–1914.

PROFESSOR J. H. TANNER, of Cornell University, has been granted leave of absence for the entire academic year 1913–1914.

PROFESSOR P. GORDAN, of the University of Erlangen, died December 21, 1912, at the age of 76 years. He had been professor of mathematics in the University of Erlangen since 1875 and an associate editor of the *Mathematische Annalen* since 1873.

PROFESSOR G. LAURICELLA, of the University of Catania, died on January 9, at the age of 45 years. He was a member of the Accademia dei Lincei, and was well known for his researches on the integration of the equations of mathematical physics and on integral equations.

PROFESSOR H. KINKELIN, formerly professor of mathematics in the University of Basel, died on January 2, at the age of 80 years.

NEW PUBLICATIONS.

I. HIGHER MATHEMATICS.

BALL (W. W. R.). A short account of the history of mathematics. 5th edition. New York, Macmillan, 1912. 12mo. 24 + 536 pp. $3.25

CIANI (E.). Lezioni di geometria proiettiva ed analitica. Pisa, Spoerri, 1912. 8vo. 525 pp.　　　　　　　　　　　　　　　　L. 20.00

DINGLER (H.). Ueber wohlgeordnete Mengen und zerstreute Mengen im allgemeinen. (Habilitationsschrift.) München, Ackermann, 1912. 8vo. 46 pp.　　　　　　　　　　　　　　　　　　　　M. 1.20

ERNST (E.). Mathematische Unterhaltungen und Spielereien. 2ter Band. Ravensburg, Maier, 1912. 8vo. 84 pp.　　　　　M. 1.00