

NOTES.

UNIVERSITY OF BERLIN. The mathematical courses announced for the summer semester are the following:—By Professor BAUSCHINGER: Celestial mechanics, modern theories.—By Professor VON BEZOLD: Theoretical meteorology (thermodynamics of the atmosphere); meteorological colloquium; Exercises in the meteorological institute, daily.—By Professor FROBENIUS: Theory of numbers, second part; Theory of determinants.—By Professor FUCHS: On the elements of the theory of functions; Introduction to the theory of differential equations.—By Professor HELMERT: On geometrical methods of determining the figure of the earth; Measurement of altitude.—By Professor SCHWARZ: Synthetic geometry; Elementary geometrical derivation of the most important properties of the conic sections; Applications of the elliptic functions; Mathematical colloquium, twice weekly.—By Professor PLANCK: Mechanics of solid and fluid bodies; Mathematical physical exercises in connection with the lectures.—By Professor HENSEL: Differential equations; Selected chapters in the theory of the Abelian integrals and the Abelian functions.—By Professor HETTNER: On Fourier's series and integrals.—By Professor KNOBLAUCH: Analytical geometry; Integral calculus; Theory of space curves.—By Professor LEHMANN-FILHÉS: Potential and sphere functions; Theory of the hypergeometric series.—By Dr. GLAN: Quaternions; Elements of theoretical physics; Theory of light.—By Dr. HOPPE: Integral calculus; Analytical mechanics.—By Dr. KRIGAR-MENZEL: Graphical representation of physical phenomena.

UNIVERSITY OF GÖTTINGEN. The mathematical courses announced for the summer semester are the following:—By Professor KLEIN: Theoretical mechanics, second part (Mechanics of systems); Mathematical seminar (together with Hilbert); Elementary exercises in mechanics.—By Professor HILBERT: Introduction to the theory of differential equations; Definite integrals and Fourier's series; Selected chapters in the theory of numbers; Seminar: Lectures by members on the differential equations of mechanics (together with Klein).—By Professor SCHÖNFLIES: Analytical geometry; Doctrine of assemblages; Proseminar: Mathematical exercises.—By Dr. BOHLMANN: Differential equations; Mathematical exercises in the seminar for the theory of insurance.