

proof-sheets of the questions received for this number will be sent to the correspondents so as to obtain their collaboration from the very beginning. Communications are to be addressed to the firm of Gauthier-Villars, 55, quai des Grands-Augustins, Paris; or to either of the editors: C.-A. Laisant, 162, avenue Victor-Hugo, and E. Lemoine, 5, rue Littré, Paris. A. Z.

AMONG the recent announcements of the Cambridge University Press we notice "The scientific papers of John Couch Adams," vol. I., edited by Dr. W. G. Adams, F.R.S., with a memoir by J. W. L. Glaisher, and "A treatise on spherical astronomy" by Sir Robert S. Ball.

Dr. Charles H. Chapman has accepted the presidency of the University of Oregon, at Eugene, Oregon. T. S. F.

NEW PUBLICATIONS.

I. HIGHER MATHEMATICS.

- BREWSTER (D.). Life of Sir Isaac Newton. New ed. (Castle Series.) London, Gall, 1898. 8vo. 340 pp. 2s.
- CARRARA. Saggio d'introduzione alla teoria delle quantità complesse geometricamente rappresentate. Cremona, 1898
- CHITTENDEN (J. B.). A presentation of the theory of Hermite's form of Lamé's equation, with a determination of the explicit forms in terms of the p function for the case $n = 3$. [Diss.] Leipzig, (Teubner,) 1898. 8vo. 85 pp. Mk. 2.80
- DELIN (C.). Ueber zwei ebene Punktsysteme, die algebraisch auf einander bezogen sind. [Diss.] Lund, Möller, 1898. 8vo. 85 pp. 1 plate. Mk. 1.60
- FEGERL. Ueber die unendlich oft iterierten Funktionen. [Progr.] Ostrau, 1898.
- FREGE (G.). Grundgesetze der Arithmetik, begriffsschriftlich abgeleitet. Vol. I. Jena, Pohle, 1898. 8vo. 32 and 253 pp. Mk. 12.00
- GRAVELIUS (H.). Lehrbuch der höheren Analysis. Zum Gebrauche bei Vorlesungen an Universitäten und technischen Hochschulen. Vol. I: Lehrbuch der Differentialrechnung. Berlin, Dümmler, 1898. 8vo. 8 and 324 pp. Mk. 6.00
- GSCHNITZER (F.). Die Affinität in der Ebene nebst ihren speciellen Fällen, der Ähnlichkeit, Congruenz und Flächengleichheit, in analytischer Behandlung. [Progr.] Brixen, 1898. 8vo. 27 pp. Illustrated.
- HUTH (M.). Ueber Kurven von konstanter Steigung auf gegebenen Flächen. [Progr. No. 578.] Stollberg, 1898. 4to. 20 pp.