

original places of publication. But in the case of Jacobi's papers the reference is to the periodical only and not to the works. As the *Répertoire* is planned to include not only the periodical literature but also works published separately (with the exception of text-books not containing any original work), it would certainly be very desirable to add to any title the references to all the places where the paper can be found. But it is quite possible that this would involve so great an amount of editorial labor that it cannot be attempted at the present time.

What is to be desired above all other things is a speedy execution of this capital enterprise which, if successfully carried out, will probably serve as a model for subject-bibliographies of other sciences.

ALEXANDER ZIWET.

NOTES.

A REGULAR meeting of the AMERICAN MATHEMATICAL SOCIETY was held in New York, Saturday afternoon, March 30, at three o'clock, the president, Dr. Hill, in the chair. There were twelve members present. On the recommendation of the council the following persons, nominated at the preceding meeting, were elected to membership: Mr. Alton Cyrel Burnham, University of Illinois, Urbana, Ill.; Professor Cooper Davis Schmitt, University of Tennessee, Knoxville, Tenn. Three nominations for membership were received. The following paper was presented:

"On the motion of a body under the action of two centres of force," by Mr. RALPH A. ROBERTS.

In the absence of the author the paper was read by the secretary. The recent publications received by the Society, and a collection of celluloid models of the regular, semi-regular, and stellated regular polyhedra, constructed for the mathematical department of Columbia College by Mr. V. A. Hlasko, of New York, were exhibited at the close of the meeting.

WE regret to announce the death on March 27 last, in his sixty-sixth year, of Professor James Edward Oliver, head of the department of mathematics at Cornell University.

PROFESSOR C. L. DOOLITTLE, of Lehigh University, has been appointed professor of mathematics and astronomy at the University of Pennsylvania, the appointment to take effect at the beginning of the next academic year.

PROFESSOR F. N. COLE, of the University of Michigan, has been appointed to a newly created professorship of mathematics at Columbia College. He will enter upon the duties of his new position in October next.

At a meeting of the Philosophical Faculty of the University of Göttingen, on March 11, the Beneke Prize for 1895 was awarded to Dr. W. WIRTINGER, recently appointed extraordinary professor at Innsbruck. The prize was offered three years ago for an important advancement of the general theory of the theta-functions of more than three variables.

PROFESSOR WEIERSTRASS was elected corresponding member of the Academy of Sciences at Paris to succeed the late Professor Kummer. He was also honored at Frankfurt recently with the Peter Wilhelm Müller gold medal and a money prize of 9000 marks.

NEW PUBLICATIONS.

I. HIGHER MATHEMATICS.

- ASCHIERI (F.). Geometria proiettiva dello spazio. Vol. II. Seconda edizione corretta ed ampliata del Manuale di geometria proiettiva. Milano, Hoepli, 1895. 16mo. vi and 264 pp.
- BARBÈRA (L.). Teorica delle equazioni differenziali duple, preceduta da un discorso preliminare sul giudizio fattone dai calcolatori lincei, e sopra una recensione del H. A. Schwarz. Bologna, Cenerelli, 1895. 8vo. 180 pp. Fr. 4.00
- BURALI-FORTI (C.). Sul limite delle classi variabili [Atti della R. Accademia delle Scienze di Torino, Vol. 30.] Torino, Clausen, 1895. 8vo. 19 pp.
- DUMONT (F.). Essai d'une théorie élémentaire des surfaces du troisième ordre. II. Annecy, Dépollier, 1894. 8vo. 96 pp.
- GRAF (J. H.). Einleitung in die Theorie der Gammafunction und der Eulerschen Integrale. Mk. 1.60.
- GRASSMANN (R.). Die Folgelehre oder Funktionlehre streng wissenschaftlich in strenger Formel-Entwicklung. Nebst Formelbuch. Mk. 3.50
- HAAS (A.). Lehrbuch der Differentialrechnung. 3ter Theil: Anwendung der Differentialrechnung auf die ebenen Kurven. Mk. 7.00
- HENRY (C.). Abrégé de la théorie des fonctions elliptiques. Paris, 1895. 8vo. Fr. 3.00
- JAHRBUCH ÜBER DIE FORTSCHRITTE DER MATHEMATIK. Begründet von C. Ohrtmann, herausgegeben unter Mitwirkung von F. Müller und A. Wangerin von E. Lampe. Vol. 24: Jahrgang 1892. (3 Hefte.) Berlin, Reimer, 1894. 8vo. Mk. 34.00

II. ELEMENTARY MATHEMATICS.

- BARLOW (C. W. L.) and BRYAN (G. H.). Geometry of the similar figures and the plane. (University Tutorial Series.) London, Clive, 1895. 12mo. 122 pp. 2s. 6d.