

IN the department of mathematics of the Naval academy at Annapolis, the following promotions have been announced: to be professor, Mr. PAUL CAPRON; to be associate professors, Mr. W. J. KING and Mr. J. B. EPPES; to be assistant professors, Mr. J. A. BULLARD, Mr. JOHN TYLER, Mr. ARTHUR KIERNAN, Mr. J. N. GALLOWAY, Mr. ALEXANDER DILLINGHAM, and Dr. G. R. CLEMENTS. Dr. G. H. CRESSE, of the University of Michigan, has been appointed instructor.

AT the University of Minnesota, Professor G. N. BAUER remains on leave of absence until January 1, 1920. Assistant professor DUNHAM JACKSON, of Harvard University, has been appointed professor of mathematics, and Major W. L. HART has been appointed assistant professor. Mr. R. W. BRINK has been promoted from an instructorship to an assistant professorship, and granted leave of absence for the academic year 1919-1920, during which time he will be lecturer at the University of Edinburgh. Miss MINNA J. SCHICK has been appointed instructor in mathematics.

DR. C. E. WILDER has been appointed assistant professor of mathematics at Northwestern University.

MR. P. A. FRALEIGH, of Cornell University, has been appointed instructor in mathematics at Dartmouth College.

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## NEW PUBLICATIONS.

### I. HIGHER MATHEMATICS.

- ANDERSEN (A. F.), BOHR (H.) og MOLLERUP (J.). *Nyere Undersøgelser over Integralregningen*. Kjøbenhavn, 1917. 63 pp.
- BOHR (H.). See ANDERSEN (A. F.).
- BOREL (E.). *Die Elemente der Mathematik*. Vom Verfasser genehmigte deutsche Ausgabe von P. Stäckel. Band I: Arithmetik und Algebra nebst den Elementen der Differential-Rechnung. 2te Auflage. Leipzig, Teubner, 1919. 8vo. 16 + 404 pp. M. 12.00
- CASTELNUOVO (G.). *Calcolo delle probabilità*. Milano, Albrighi, Segati e compagnia, 1919. 23 + 373 pp. L. 20.00
- HALPHEN (G. H.). *Œuvres publiées par les soins de C. Jordan, H. Poincaré, E. Picard, avec la collaboration de E. Vessiot*. Tome 2. Paris, Gauthier-Villars, 1918. 7 + 560 pp. Fr. 40.00
- HJELMSLEV (J.). *Lærebog i Gemoetri*. Til Brug ved den Polytekniske Læreanstalt. 1ste Afsnit. Kjøbenhavn, Gjellerup, 1917. 8vo. 208 pp.