C.G.S. systems of units and the dimensions of the quantities occurring in electromagnetism is worthy of the rest of the book and a fitting end to a work which has seemingly no fault and a multitude of virtues.

E. B. WILSON.

NOTES.

AT the fourth regular meeting of the San Francisco Section of the AMERICAN MATHEMATICAL SOCIETY the following officers were elected for the year 1904 : chairman, Professor R. E. ALLARDICE; secretary, Professor G. A. MILLER; members of the programme committee, Professors M. W. HASKELL, IRVING STRINGHAM, and G. A. MILLER.

THE opening (January) number of volume 5 of the *Transactions* of the AMERICAN MATHEMATICAL SOCIETY contains the following papers : " The subgroups of order a power of 2 of the simple quinary orthogonal group in the Galois field of order $p^n = 8l \pm 3$," by L. E. DICKSON; "On certain invariants of two triangles," by J. G. HUN; " Isothermal systems of geodesics," by E. KASNER; " Zur Gruppentheorie, mit Anwendungen auf die Theorie der linearen homogenen Differentialgleichungen," by A. LOEWY; " On the group of the sign $(0, 3; 2, 4, \infty)$ and the functions belonging to it," by J. W. YOUNG; " On the definition of reducible hypercomplex number systems," by S. EPSTEEN; " A simple proof of a theorem in the calculus of variations (extract from a letter to Mr. W. F. Osgood), " by E. GOURSAT.

WITH the January issue the *Mathematical Supplement of School Science* assumes an independent existence as a bimonthly journal under the title *School Mathematics*. It remains under the responsible editorship of Professor G. W. MYERS, who will be assisted by a board of associate editors. It is intended to make the journal an exponent of the teaching of mathematics in the United States.

BEGINNING with the January number, there will appear in the *American Mathematical Monthly* a series of articles by Dr. E. B. WILSON on " Spherical geometry," presented in the spirit