

places. Table VI gives, chiefly to twelve significant figures, the values of $I_n(x)$ for integral values of n from 0 to 11 and for values of x at intervals of 0.2 from 0 to 6. This collection of tables will be highly appreciated by all who have to use Bessel's functions in numerical work. A table similar to table III but giving the roots of the equation $J_0(x)=0$ and the corresponding values of $J_1(x)$ would be a welcome addition in a future edition. Such a table would be useful in the numerous problems involving the development of unity in the interval from zero to a in a series of the form $\sum_{s=0}^{s=\infty} A_s J_0(\lambda_s r)$ where λ_s is the s^{th} root of the equation $J_0(\lambda a)=0$.

A short bibliography which though confessedly incomplete will be found useful, and a drawing of the curves $y=J_0(x)$ and $y=J_1(x)$ close the volume.

Serious misprints seem to be rare. On page 14, however, there is one which deserves mention as it occurs in an important formula. The last term in formula (31) reads $-\sum_1^n \frac{1}{2s}$. The minus sign should be changed to plus.

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MODERN METHODS OF ANALYTICAL GEOMETRY.

An Introductory Account of Certain Modern Ideas and Methods in Plane Analytical Geometry. By CHARLOTTE ANGAS SCOTT, D. Sc., Girton College, Cambridge; Professor of Mathematics in Bryn Mawr College, Pennsylvania. XII+288 pp., octavo. London and New York, Macmillan and Co. \$2.50.

A minor excellence of this book, for which many readers will feel truly grateful, is the fact that it is written in the English of English speaking and writing people. Private abbreviations, cabalistic marks necessitating constant reference to an elusive "list of signs," Teutonisms, and Greek logomachy in the way of "tetrastigms," etc., are agreeably absent. The parvenu "join" is flattered with recognition, but this term is now in such general use that to protest further against it will be of little avail. It is in a measure a consolation that no one is as yet permitted to "enthuse" over this acquisition to the language. "Joining line" is a