

It is unnecessary to say that Professor Heiberg was the first to give a critical and modern study to the works of Archimedes, and that, with the exception of Sir Thomas Heath, there is no one now living who combines such a perfect knowledge of Greek, Latin, and the mathematics of the classical period.

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Archimedes' Werke. Mit modernen Bezeichnungen herausgegeben und mit einer Einleitung versehen von Sir THOMAS L. HEATH. Deutsch von Dr. FRITZ KLIEM. Berlin, 1914. xii + 477 pp.

As stated in the preceding review, there was abundant reason to justify Professor Heiberg in preparing a new edition of the works of Archimedes, and the same may of course be said concerning a work like that of Sir Thomas Heath. In the case of the latter's well-known treatise the lack of reference to the Methodus in the first edition has been overcome in part by the publication* of a pamphlet giving an English translation from the original Greek text. There is, however, good reason for a second edition of the work by Sir Thomas Heath, and it is to be hoped that he will find time to supply this need. Meantime the German edition by Dr. Kliem is most welcome. While the translator, in preparing this edition, has, in the main, followed the English text with fidelity, he has not hesitated to amplify it, with the author's permission and assistance, so as to include all the recent discoveries, and to add a number of footnotes which are calculated to assist the student. Thus in Chapter I we have a reference to Förster's article on Pheidias the astronomer, and some mention of the Stomachion as in the Heath supplement of 1912; in Chapter II, a reference to the codices used by Heiberg in his second edition, with information concerning the finding of the Codex rescriptus Metochii Constantinopolitani and the nature of the text, and reference to the recent literature on el-Biruni's knowledge of the work of Archimedes on the circle; and in the following chapters the same policy has been pursued.

In Chapter VII, for example, Dr. Kliem has amplified the treatment somewhat, particularly with reference (page 149) to the new matter found in the Methodus. He has, however, omitted Chapter VIII, on the terminology of Archimedes. This is perhaps justifiable from one point of view,

* Cambridge, 1912.