

# Isaac Newtons Theory Of The Moons Motion, 1702

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Book Reviews

**The Reception of Copernicus' Heliocentric Theory.** Ed. by J. Dobrzycki.

Dordrecht, Holland: Reidel, 1972. Pp. 367. No price stated.

**The Scientific World of Copernicus.** Ed. by B. Bienowska. Dordrecht, Holland: Reidel, 1973. Pp. xii+142. \$19.50.

Prominent among the host of publications provoked by the quinquacentennial celebrations of Copernicus's birth are these two offerings by the Dutch publishing company, Reidel. Both collections of articles, they epitomize between them the advantages and disadvantages of group efforts.

As the history of science progresses towards the specialization that has become characteristic of modern scholarship, the attractions of collaboration become greater. No better example of the possibilities of this genre exists than the Dobrzycki volume. The evidence presented in its eleven monographic surveys simply could not have been produced by any single individual; and the picture it conveys of the reception of Copernicanism in Great Britain, Scandinavia, Japan, and elsewhere renders it the most valuable book to emerge from the Copernicus festivities.

Of course, there are drawbacks to the collective approach. The division of labour which brings expertise to bear on every aspect of a problem virtually rules out the presentation of a unified point of view, and invites organizational sins of omission, duplication, and even contradiction. For the experienced scholar, the compromise is usually satisfactory; but for the non-professional reader, it is often a disaster, and this is the case with the Bienkowska volume. As short as it is, very few of the uninitiated will come to the end with any feeling that they know what the book is about. Worse still is the disappointing quality of the articles. To an even greater extent than most essays in external history of science, they deliver floods of verbiage rather than plausible documentation to support claims of intellectual connexion. But the message they present most clearly is the need for greater openness in the selection of articles. The table of authors suggests both a tendency to look to authority figures (only three writers out of nine were born after 1907) and a reluctance to go outside Poland for articles. Moreover, the two non-Polish authors, Zdenek Kopal (Foreward) and Leopold Infeld ('From Copernicus to Einstein') are responsible for the least satisfactory ones in the book. Now, one can scarcely claim that a search outside Poland for semi-popular literature presenting the social and intellectual context of the Copernican achievement would solve all, or even any, of the problems. But one could have hoped that a committee established in 1965 to call for papers on the subject, as was the case with the Dobrzycki volume, would produce results comparable with the articles in the latter.

VICTOR E. THOREN

**Isaac Newton's Theory of the moon's motion (1702).** Ed. by I. Bernard Cohen. Folkestone: Dawson, 1975. Pp. viii+170. £12.00.

In this expensive little book are reproduced in facsimile no fewer than four versions of Newton's *Theory of the moon's motion*: the 1702 English pamphlet, reprinted here in full for the first time; the first, Latin edition published earlier in the same year in David Gregory's *Astronomiae physicae & geometricae elementa* (Oxford, 1702); another English version taken from Gregory's *The elements of astronomy, physical and geometrical* (London, 1715); and yet a third, distinct English version from William Whiston's *Astronomical lectures* (London, 1715—although Professor Cohen's contents page and heading imply that the 1728 reissue has been used). The whole is prefaced with a long introduction constituting about half the total text.

Note: Reprint of the ed. published by A. Baldwin, London under title: A new and most accurate theory of the moon's motion. Physical Description: viii, p. Isaac Newton's Theory of the Moon's Motion (). With a length when the famous Sir Isaac Newton set himself to it; who hath this to glory in, That in the. Isaac Newton's Theory of the moon's motion, / with a bibliographical and historical introduction by I. Bernard Cohen Newton, Isaac, Sir, Title: A new and most accurate theory of the moon's motion: whereby all her irregularities may be solved, Written by Mr. Isaac Newton, and published in Latin by Mr. David Gregory in his London: printed, and sold by A. Baldwin, Astronomy - Isaac Newton's Theory of the moon's motion (). Ed. by Cohen I. Bernard. Folkestone: Dawson, Pp. viii + ?12 Buy Theory of the Moon's Motion on loveinamasonjar.com ? FREE SHIPPING on qualified Hardcover: pages; Publisher: Dawson; Facsimile of ed edition. Isaac Newton's Theory of the moon's motion, Responsibility: with a bibliographical and historical introduction by I. Bernard Cohen. Uniform Title: Theoria. Isaac Newton's Theory of the Moon's Motion, by Professor I Bernard Cohen, , available at Book Depository with free delivery worldwide. In the Principia Newton demonstrated that the regular motion of the Moon . References and footnotes: [1] Isaac Newton, Theory of the Moon's Motion (). First Edition. viii, pp. Original cloth. Very Good. Also contains facsimile reprints of: A New and Most Accurate Theory of the Moon's Motion (London ); Isaac Newton's Theory of the moon's motion () / with a bibliographical and historical introduction by I. Bernard Cohen. Uniform Title: Theoria lunae. Latin. Get this from a library! Isaac Newton's Theory of the moon's motion, [Isaac Newton; I Bernard Cohen]. When in Isaac Newton and David Gregory paid a visit to the Reverend John In the year Newton's 'Theory of the Moon's Motion' (TMM) was. Three hundred years ago, in , Isaac Newton paid a visit to Britain's only In the year Newton's four-page 'Theory of the Moon's Motion' (TMM) was. In his tract of and in the second edition of the Principia he gave both terms with amplitudes . Isaac Newton's Theory of the Moon's Motion.

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