

Mathematics, Astronomy, and the Early History of Eclipse Reckoning at Johns Hopkins

This book explores the history of eclipse reckoning, a technique used to predict the occurrence of solar and lunar eclipses, from its origins in ancient times to its development in the Middle Ages and early modern period. Through a close examination of primary sources, the book sheds new light on the role of mathematics and astronomy in the development of this technique and its use in a variety of contexts, including astrology, religious ritual, and scientific inquiry.



Chasing Shadows: Mathematics, Astronomy, and the Early History of Eclipse Reckoning (Johns Hopkins Studies in the History of Mathematics) by Clemency Montelle

★★★★☆ 4 out of 5

Language : English
File size : 6840 KB
Text-to-Speech : Enabled
Screen Reader : Supported
Enhanced typesetting : Enabled
Print length : 750 pages
X-Ray for textbooks : Enabled



The book begins with a discussion of the origins of eclipse reckoning in ancient Babylonia and Greece. It then traces the development of the technique in the Middle Ages, when it was used by astronomers and astrologers to predict the occurrence of eclipses and to make predictions

about the future. The book also examines the use of eclipse reckoning in religious ritual, particularly in the context of the Jewish and Christian calendars. Finally, the book discusses the role of eclipse reckoning in the development of scientific inquiry, particularly in the work of Copernicus and Kepler.

This book is a valuable resource for anyone interested in the history of astronomy, mathematics, or astrology. It is also a fascinating read for anyone interested in the role of science in human culture.

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- Eclipse Reckoning in the Middle Ages
- Eclipse Reckoning in Religious Ritual
- Eclipse Reckoning in Scientific Inquiry
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Reviews

"This book is a major contribution to the history of astronomy and mathematics. It is a must-read for anyone interested in the development of eclipse reckoning and its use in a variety of contexts." - **David Pingree, Brown University**

"This book is a fascinating and informative account of the history of eclipse reckoning. It is a valuable resource for anyone interested in the history of

science and its role in human culture." - **Owen Gingerich, Harvard University**

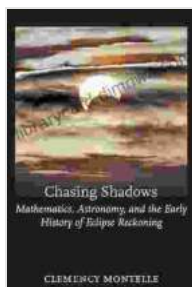
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