



Elementary Mathematical Astronomy; With Examples and Examination Papers

By Crossley William Crosby Barlow

Rarebooksclub.com, United States, 2012. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.This historic book may have numerous typos and missing text. Purchasers can download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. 1903 Excerpt: $.3008 = \sin 17$, roughly, and the solar ecliptic limit is about 17,293. Major and Minor Ecliptic Limits.--Owing to the variations in the distances of the Sun and Moon their parallaxes and angular semi-diameters are not quite constant. Hence the exact limits of the Moon's latitude l , as calculated by the method of 291, are subject to small variations. This alone would render the ecliptic limits variable. But there is another cause of variation in the ecliptic limits, arising from the fact that i , the inclination of the Moon's orbit, is also variable, its greatest and least values being about $52'$ and $45'$. The greatest and least values of the limits for each kind of eclipse are called the Major and Minor Ecliptic Limits. For an eclipse of the Moon the major and minor ecliptic limits have been calculated to be...



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