



The Colorado Engineer Volume 1-7 (Paperback)

By Colorado Associated Engineering

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. 1905 Excerpt: .Therefore, latitude = $53\ 28.27 + (-23\ 11.2) = 30\ 17.07 = 30\ 17\ 04$ In this case the accuracy is greater than could be expected, the actual latitude of the station being $30\ 17\ 02$. Solar Observations for the Meridian.--Burt's solar compass was first used for determining the meridian in surveying, then several solar attachments were invented using the same principle. The advantage in using a solar attachment lies in the fact that it mechanically solves the SZP triangle. Fig. 5, and places the telescope in the meridian at the end of the observation. The disadvantage present in most of them is that the observation cannot be so made as to eliminate the errors of adjustment in either the transit or attachment. With all of them it is necessary to calculate the declination and correct it for refraction before the observation. The direct...



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