



A Treatise on Navigation for the Use of Students

By John Merrifield

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. 1883 Excerpt: . A. 1874. Ex. 314. Prove the formulas: --(1) Tan course = $\frac{\sin \text{diff. lat.}}{\cos \text{mid. lat.}}$ (2) Tan course = $\frac{\sin \text{diff. lat.}}{\cos \text{mid. lat.}}$ (3) Tan course = true diff. lat. Define the nautical terms used in the above formulae. A 1875 Ex. 315. Explain the construction of Mercator's chart. Point out clearly in what consists its peculiar adaptation for the purposes of the navigator. Describe how you will read off a distance between two places on the chart, and explain the reason of the method. A 1875 Ex. 316. Explain clearly what you mean by meridional parts. Prove that approximately meridional parts for 1 = sec 0 + sec 1 + sec 2 + sec 3 + ... + sec 1-1), and hence find the meridional parts for 50, having given the meridional parts for 50 = 3474.47. Give a more...



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