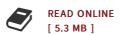# An Elementary Course of Practical Mathematics

By James Elliot

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. 1851 Excerpt: .at the base? Ans. 67 15 --. 4. The hypothenuse being 5-235, and the perpendicular 4-455, the vertical angle is required. Ans. 31 41 --. 5. Hypothenuse, -034; base, -028: the angles are wanted. Answers: 34 34 -, and 55 26]. 6. Hypothenuse, 16,386; perpendicular, 9,569: find the angles. Answers: 54 17 -, and 35 43 +. Problem VI. In a right-angled Triangle, having given the Legs, to find the acute Angles. Eule. As either leg is to the other leg, so is radius to the tangent of the angle opposite the latter. T-. (h: p:: radius: Formulae. J. (p: o:: radius: (See the diagram on the preceding page.) Example. The base is 3, and the perpendicular 4: what are the angles? We may either say, As 3: 4:: radius: tan P, or As 4: 3:: radius: tan B. We take the former. As...

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