



Plane Trigonometry

By James Morford Taylor

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. 1904 edition.

Excerpt: .product of their tangents 2. Putting $75 = 45 + 30$, find $\tan 75$ by 11. 3. Putting $15 = 60-45$, find $\tan 15$ by 12. 4. If $\tan A = 1/2$ and $\tan B = 8$, find $\tan (A + B)$ and $\tan (A-B)$, 5. If $\tan A = -2$ and $\tan B = -3$, find $\tan (A + B)$ and $\tan (A-B)$. Prove each of the following identities: a, azo, . $1 + \tan^4 \cot A \cot B - 1$ 6. $\tan (45 + A) = 8 \cdot \cot (A + B) = 1 - \tan^4 \cot B + \cot A$ r, A. $1 - \tan^4 \cot A \cot B + 1$ 7. $\tan (45 - A) = 9 \cdot \cot (A - B) = -1 + \tan^4 \cot B - \cot A$ 10. Prove identity 12 by dividing 9 by 10, 11. Prove the identities in examples 8 and 9 by taking the reciprocals of the members of 11 and 12 respectively. 12. Find $\tan (A + B)$ and $\tan (A - B)$...

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