



An Introduction to the Theory and Practice of Plane and Spherical Trigonometry, and the Stereographic Projection of the Sphere; Including the Theory of Navigation . (Paperback)

By Thomas Keith

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. 1810 Excerpt: .OF RIGHT-ANGLED SPHERICAL TRIANGLES, AND THR LOGARITHMICAL SOLUTIONS OF ALL THE CASES. PROPOSITION XXI. (H) In any right-angled spherical triangle. Radius, is to the sine of any side; as the tangent of the ad-, jacent angle, is to the tangent of the opposite side., Demonstration. Let Aec be a spherical triangle, right-angled at A. rad: sine Ab:: tang /. B: tang Ac. For, let D be the centre of the sphere, and draw the radii DC, Da, and Db; also from the right-angle A, in the plane Dba, draw At perpendicular to Db, and it will be the sine of the arc Ab. At the point E, in the plane Dbc, draw Ef perpendicular to Db, then will the angle Fea be the inclination of the planes Dba and Dbc, and consequently (D. 129.) equal to the spherical angle CBA. Draw Af from the point A,...



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