



## New Plane and Spherical Trigonometry (Classic Reprint) (Paperback)

By Webster Wells

Forgotten Books, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.Excerpt from New Plane and Spherical Trigonometry Plane and Spherical Trigonometry, the author has effected many important improvements. The attention of teachers is specially invited to the following features of the new work: 1. The proofs of the functions of 0, 90, 180, and 270; 22 to 25. 2. The proofs of the functions of 120, 135, etc.; 27. 3. The method of finding the values of the remaining functions of an angle when the value of any one is given; 28. 4. The proofs of the functions of  $(A)$ , and  $(90 + A)$ , in terms of those of  $A$ ; 29, 30. 5. The method of solution in the examples of 34 and 35. 6. The general demonstration of the formulae for  $\sin(x + y)$  and  $\cos(x + y)$ ; 42. 7. The discussion of the line values of the functions, and their application in tracing the changes in the six principal functions of an angle as the angle increases from 0 to 360; 60, 61. 8. The discussion of trigonometric equations in 62. 9. The solution of right triangles by Natural Functions; see Ex. 1, page 54. 10. The discussion of the ambiguous case...



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