

# 4 Trigonometry and Complex Numbers

Trigonometry developed from the study of triangles, particularly right triangles, and the relations between the lengths of their sides and the sizes of their angles. The trigonometric functions that measure the relationships between the sides of similar triangles have far-reaching applications that extend far beyond their use in the study of triangles. Complex numbers were developed, in part, because they complete, in a useful and elegant fashion, the study of the solutions of polynomial equations. Complex numbers are useful not only in mathematics, but in the other sciences as well.

## Trigonometry

Most of the trigonometric computations in this chapter use six basic trigonometric functions. The two fundamental trigonometric functions, sine and cosine, can be defined in terms of the unit circle—the set of points in the Euclidean plane of distance one from the origin. A point on this circle has coordinates  $(\cos t, \sin t)$ , where  $t$  is a measure (in radians) of the angle at the origin between the positive  $x$ -axis and the ray from the origin through the point measured in the counterclockwise direction. The other four basic trigonometric functions can be defined in terms of these two—namely,

$$\begin{aligned}\tan x &= \frac{\sin x}{\cos x} & \sec x &= \frac{1}{\cos x} \\ \cot x &= \frac{\cos x}{\sin x} & \csc x &= \frac{1}{\sin x}\end{aligned}$$

For  $0 < t < \frac{\pi}{2}$ , these functions can be found as a ratio of certain sides of a right triangle that has one angle of radian measure  $t$ .

## Trigonometric Functions

The symbols used for the six basic trigonometric functions— $\sin$ ,  $\cos$ ,  $\tan$ ,  $\cot$ ,  $\sec$ ,  $\csc$ —are abbreviations for the words cosine, sine, tangent, cotangent, secant, and cosecant, respectively. You can enter these trigonometric functions and many other functions either from the keyboard in mathematics mode or from the dialog box that drops down

when you click  or choose Insert + Math Name. When you enter one of these functions from the keyboard in mathematics mode, the function name automatically turns gray when you type the final letter of the name.

# 4 Trigonometry And Complex Numbers

**James Morford Taylor**



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*Algebra and Trigonometry* Dennis Zill, Jacqueline Dewar, 2010-12 Written for a one or two term course at the freshman sophomore level the third edition covers the principles of college algebra trigonometry and analytic geometry in the concise and student friendly style that have made Zill's texts a world wide success It includes all of the trademark features for which Zill is known including lucid examples and problem sets a rich pedagogy a complete teaching and learning ancillary package and much more Throughout the text readers will find a wide range of word problems and relevant applications historical accounts of famous mathematicians and a strong variety of modern exercises

**Official Gazette** Philippines, 1997 *Elements of Plane and Spherical Trigonometry* David Andrew Rothrock, 1910

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*Plane and Spherical Trigonometry* James Morford Taylor, 1905

**Catalog** Ohio Northern University, 1919 *Essentials of Precalculus, Algebra and Trigonometry* Dennis T. Christy, 1993

**Adventures in Reading** Cornelia Spencer Love, 1928

University of North Carolina Extension Bulletin University of North Carolina (1793-1962). University Extension Division, 1922

*Colgate University. Autumn Bulletin. The College* Colgate University, 1903

**Catalogue** Williams

College,1929     Plane Trigonometry Arthur Graham Hall,Fred Goodrich Frink,1909     **Complex Numbers Quadratic Equations, Plane and Solid Geometry, Trigonometry** The Editors of Rea,1999 The Math Made Nice and Easy series simplifies the learning and use of math and lets you see that math is actually interesting and fun This series is for people who have found math scary but nevertheless need some understanding of math without having to deal with the complexities found in most math textbooks Topics in Book 4 include Complex Numbers Quadratic Equations Plane Solid Geometry and Trigonometry     Courses of Study, General Information University of Wisconsin--Whitewater,1926     Catalogue Number Brown University,1929     Plane and Spherical Trigonometry (with Five-place Tables) Robert Édouard Moritz,1913  
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