




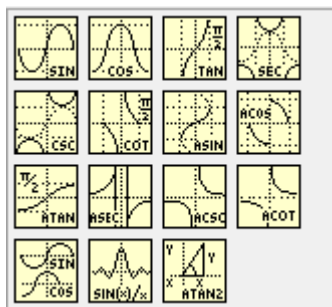
How to Use Trigonometric Functions Tutorial

Functions -> Mathematics -> Elementary & Special Functions  -> Trigonometric Functions



To access the Trigonometric functions palette, start by opening the Functions palette, and opening the Mathematic palette. Under Mathematics, select the

Elementary & Special Functions  palette, where you should see Trigonometric . Under Trigonometric, you will find all of the trigonometric functions and their inverse trigonometric functions listed below:



Sine	Cosine	Tangent	Secant
Cosecant	Cotangent	Sine ⁻¹	Cosine ⁻¹
Tangent ⁻¹	Secant ⁻¹	Cosecant ⁻¹	Tangent ⁻¹
Sine & Cosine	Sinc	Inverse Tangent (2 Input)	

Trigonometric Functions Palette








The first 12 functions, Sine , Cosine , Tangent , Secant , Cosecant , Cotangent , and their respective inverse, each take in one input and produce one output according to the trigonometric function and value supplied to the input as shown in Figure 1.



Figure 1

The Sine & Cosine function  behaves as a Sine function and Cosine function compounded together and take one input and produces the Sine value and Cosine values as the outputs as shown in Figure 2.

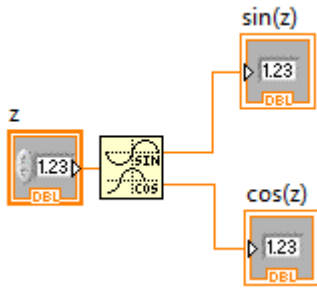



Figure 2

The Inverse Tangent (2 Input)  function takes in the two values and computes the Inverse Tangent of the first value y divided by the second value x . Note that this function is essentially just a repackaging of the Divide and Inverse Tangent functions.