

How do I use the IMSEC function in Excel?

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The IMSEC function in Excel is a built-in mathematical function that allows users to calculate the inverse secant of a given value. To use this function, the user must enter the value for which they want to find the inverse secant into the formula bar, preceded by the function name "IMSEC." The result will be displayed in the cell where the formula is entered. This function can be useful in various mathematical and statistical calculations, such as finding the angle of a triangle or determining the probability of an event. It is important to note that the input value must be between -1 and 1, as the inverse secant is undefined for values outside of this range. Overall, the IMSEC function provides a convenient and efficient way to perform complex mathematical operations in Excel.

This article describes the formula syntax and usage of the IMSEC function in Microsoft Excel.

Description

Returns the secant of a complex number in x+yi or x+yj text format.

Syntax

IMSEC(inumber)

The IMSEC function syntax has the following arguments.

Inumber Required. A complex number for which you want the secant.

Remarks

Use COMPLEX to convert real and imaginary coefficients into a complex number.

If inumber is a value that is not in the x+yi or x+yj text format, IMSEC returns the #NUM! error value.

If inumber is a logical value, IMSEC returns the #VALUE! error value.