

How can I use the IMSECH function in Excel?

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The IMSECH function is a mathematical function available in Excel that allows users to calculate the inverse hyperbolic secant of a given number. This function is primarily used in complex mathematical calculations involving hyperbolic functions. To use the IMSECH function, simply input the desired number into the function and the result will be displayed. This function can be useful in various applications such as statistics, engineering, and finance. It is a valuable tool for users looking to perform advanced calculations in Excel.

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

Description

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

Syntax

IMSECH(inumber)

The IMSECH function syntax has the following arguments.

Inumber Required. A complex number for which you want the hyperbolic 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, IMSECH returns the #NUM! error value.

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