How can I use the IMTAN function in Excel?

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The IMTAN function in Excel is a mathematical tool that calculates the inverse tangent of a given number. It can be used to find the angle in radians corresponding to a given tangent value. To use this function, simply enter the number you want to find the inverse tangent of as the input and the function will return the result. This function is particularly useful in trigonometric calculations and can help in determining the angles of various shapes and objects. It can also be used in conjunction with other Excel functions to create complex formulas. Overall, the IMTAN function provides a convenient and efficient way to calculate inverse tangent values in Excel.

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

Description

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

Syntax

IMTAN(inumber)

The IMTAN function syntax has the following arguments.

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

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, IMTAN returns the #NUM! error value.

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

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