#### IMSIN

[Syntax](Syntax.docx):

IMSIN ( complex-number )

Description: Computes the sine of the complex number complex-number.

Mathematical Formula:



Arguments:

|  |  |  |
| --- | --- | --- |
| Name | Type | Description |
| complex-number | [text](text.docx) | The complex number for which the sine is being computed. complex-number shall be in x + yi or x + yj text format. |

Return Type and Value: text – A string containing the sine of complex-number, in x+yi or x+yj text format.

However, if complex-number is ill-formed, #NUM! is returned.

[Example:

IMSIN("2.3+4.5i") results in 33.567264016308-29.9844272159606i
IMSIN("-1-4j") results in -22.9790855778861-14.7448051885587j

end example]