#### IMSUM

[Syntax](Syntax.docx):

IMSUM ( argument-list )

Description: Adds the values of its arguments.

Mathematical Formula:

Equation

Arguments:

|  |  |  |
| --- | --- | --- |
| Name | Type | Description |
| argument-list | [text](text.docx) | Each argument in argument-list is a complex number string in x + yi or x + yj text format. |

Return Type and Value: text – The sum of the values of its arguments, in x+yi or x+yj text format.

However, if any argument in argument-list is ill-formed, #NUM! is returned.

[Example:  
  
IMSUM("3+4i") results in 3+4i  
IMSUM("3+4i","5-3i") results in 8+i  
  
end example]