
Subject: Re: Subtracting from double complex array

Posted by [Jim Pendleton](#) on Sat, 09 Jan 2016 21:02:04 GMT

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On Saturday, January 9, 2016 at 7:53:59 AM UTC-7, algha...@gmail.com wrote:

> Hi all

>

> I have a double complex array for example 500 by 500 and I want to subtract $(3.5e14 + j 2.5e12)$ from all the values in the complex array that I have... Is there a way of doing it in IDL

>

> Thanks

IDL> a = dcomplexarr(500, 500) ; your array, simulated with zeroes

IDL> a -= dcomplex(3.5d14, 2.5d12) ; subtracts the scalar from all elements

IDL> print, a[0]

(-3.5000000e+014, -2.5000000e+012)

Jim P.
