
Subject: Re: sparsab, sparsax and complex arrays
Posted by [Paolo Grigis](#) on Fri, 20 Apr 2007 08:41:59 GMT
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Hint: matrix multiplication is distributive, i.e. $A*(B+C)=A*B+A*C$.

Ciao,
Paolo

Graham Carver wrote:

> Hello everyone
>
> I'm quite new to IDL and have recently been experimenting with the
> SPRSAB and SPRSAX functions. They work quite nicely with real matrices
> - I note, however, from the IDL help pages that (quote): "If SPRSAB is
> complex then only the real part is used for the computation." The same
> is written in the notes on the SPRSAX function. As I would really like
> to write some routines which can handle complex matrices, I was
> wondering whether anyone out there knows of a workaround so that I can
> use the sparse-array routines with complex numbers. Many thanks for
> any help you can offer this IDL newbie.
>
> Graham Carver
>
