Subject: Re: How to rebin complex array?
Posted by Mark Hadfield on Wed, 14 Apr 2004 00:10:39 GMT

Yunxiang Zhang wrote:
>
> I wanna do the following thing as fast as possible.
>
> ;creat a complex array
> a=complexarr(na)
> ;replicate the array k times
> b=rebin(a,na,k)
>
> But rebin won't accept complex array. :(What should I do?

Extract the real & imaginary parts, rebin each one & recombine them?

> Another similiar question is what is the best solution to replicate a 2d
> image eg dist(512,512) k times to get a k-frame "still movie" as a 3d array
> movie(512,512,k) without using any loops?

You can use REBIN in this case.

You might want to look at JD's dimension juggling tutorial, on David
Fanning's site:

  http://www.dfanning.com/tips/rebin_magic.html

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