
Subject: Re: I have committed a sin CONGRID

Posted by [Jaco van Gorkom](#) on Thu, 06 Dec 2001 14:22:43 GMT

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dmarshall@ivory.trentu.ca wrote:

- > I was using CONGRID to resize an RGB image array which is [3,x,y] large
- > I just realized CONGRID will not resize the R,G, and B planes separately.
- > I will get a kind of smeared/diluted image, which looks OK, but....
- > I _know_ it's obvious ... now.

Is it obvious? If you resize to CONGRID(image, 3, newx, newy) ?

From the online help (IDL 5.4):

[...] when shrinking an array, [...] CONGRID just resamples the array.

[when expanding an array,] CONGRID automatically uses linear interpolation if the input array is 3-dimensional.

So, as long as you do not resize the first dimension (3), shouldn't you be ok?

Jaco
