
Subject: Re: 3D congrid without interpolation

Posted by [Michael Galloy](#) on Thu, 12 Apr 2007 22:40:07 GMT

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On Apr 12, 3:19 pm, David Fanning <n...@dfanning.com> wrote:

- > Humm. Hard for me to imagine what you are using to
- > do this that is interpolating anything for you.
- > CONGRID is normally used, but that won't interpolate
- > unless you explicitly tell it to.

CONGRID interpolates 3-dimensional arrays by default. From the online help for the INTERP keyword for CONGRID:

INTERP

Set this keyword to force CONGRID to use linear interpolation when resizing a 1- or 2-dimensional array. CONGRID automatically uses linear interpolation if the input array is 3-dimensional. When the input array is 1- or 2-dimensional, the default is to employ nearest-neighbor sampling.

Mike

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