
Subject: Re: 3D interpolation on an irregular grid

Posted by [Wayne Landsman](#) on Wed, 09 May 2001 15:57:46 GMT

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"John Marsham (cm)" wrote:

> There seems to be no IDL function that will interpolate in 3D on an
> irregular grid. Am I wrong? Or does someone have one?
>

You might want to try the routines for 1-d, 2-d, or 3-d interpolation
written by Joop Schaye at
<http://idlastro.gsfc.nasa.gov/ftp/pro/math/>

ngp.pro - "Nearest Grid Point" interpolation (lowest order)

cic.pro - "Cloud in Cell" interpolation (higher order)

tsc.pro - "Triangular Shaped Cloud" interpolation (highest order)

--Wayne Landsman

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