
Subject: Re: Irregular data... IDLgrContour vs. contour
Posted by [Mark Hadfield](#) on Wed, 16 Mar 2005 20:46:52 GMT
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jamiesmyth_uni@yahoo.ca wrote:

> Hi all,
>
> I'm a little stuck using IDLgrContour with irregular data. In direct
> graphics I would simply type:
>
> contour, zdata, xdata, ydata, /irregular, yrange=[0,60], nlevels=8
>
> where:
>
> XDATA FLOAT = Array[113]
> YDATA DOUBLE = Array[113]
> ZDATA DOUBLE = Array[113]
>
> Of course, IDLgrContour doesn't accept the /irregular keyword... must I
> grid the data myself?

Have you tried passing the irregular data to IDLgrContour without the keyword? I expect this should work (but don't recall ever trying it myself) because the IDLgrContour documentation states that it accepts 1-D vectors for DATA_VALUES, GEOMX and GEOMY.

> If so, can anyone point me to a good gridding
> routine?

GRIDDATA

--

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