
Subject: Re: NAN in contour

Posted by [tomson](#) on Tue, 17 Jun 2003 00:19:37 GMT

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Thank you.

I use another array z1 like z1=0 and z1(fp)=1, fp=where(finite(z)). A filled contour(z1,x,y) with two levels(0,1) is added to the original contour.

That's OK!

:MPG.1957823387d9dc0298968a@news.frii.com...

> Tomson writes:

>

>> I use the contour and contourbar like David wrote on his web. I have a
>> question, for example,

>> contour, z,x,y

>> there are some NAN in z, I want the figure at such position to fill with
>> black point. How to do that? Now at such position, the figure is white

>> blank.

>

> It is hard to tell, with the detail you have given,
> exactly what you are trying to do here, but it sounds
> like a filled contour plot of data that has NANs in it.
> I think the white blank space is actually coming about
> from *not* setting the NAN keyword on the MIN and MAX
> functions that are used to calculate the contour
> intervals. (At least if you are using the code on
> my web page.)

>

> If you were doing this correctly the NAN values would
> assume the same color as the surrounding pixels that
> were good values, and you should see broken contour
> lines on your plot, etc. In other words, the NANs
> should just be ignored.

>

> I don't think there is an easy way to set these
> values to a specific color. And no way to set them
> to a specific color that doesn't look artificial and
> clunky.

>

> Cheers,

>

> David

>

> --

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