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Subject: Re: NAN in contour

Posted by [David Fanning](#) on Mon, 16 Jun 2003 14:29:23 GMT

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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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