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Subject: Problem with CONTOUR

Posted by [Haje Korth](#) on Wed, 28 Jul 1999 07:00:00 GMT

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Good morning everybody,

I have a problem with the CONTOUR routine and I need some experts help!

I have a 2-D data array with missing values marked as -1.0e20. Doing a contour plot I use the MIN\_VALUE keyword and set it to -1.0e10. The result is that contours stop, once they reach the missing data region.

This is how it should be. As a next step I want to get the paths of the contours (with PATH\_XY and PATH\_INFO) and there starts the problem: Using the MIN\_VALUE keyword seems to eliminate all contours that touch the missing data region. If I omit the MIN\_VALUE keyword, the contours run along the missing data region and connect with contours of the same value somewhere else. This is though what I need to avoid.

Thus the question is: Is there a way to obtain the paths data exactly as they are plotted in the first described case?

I hope this wasn't too confusing to understand and if you had similar problems and know an answer, please let me know!!!

Thanks a lot,  
Haje

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