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Subject: Contouring binary data

Posted by [hahn](#) on Thu, 02 Jun 1994 02:06:10 GMT

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Hi all,

I have a matrix with binary data, that is the elements contain either zero or one (or some other numer). If I convert the matrix from bytarr to fltarr and call contour I get some but not all contour lines. Some of them are double or triple lines. When I add ,levels=[0,1] I get single lines but miss even more lines.

I guess, IDL assumes some analogue data and tries to find a "slope" or a "gradient" but fails to get all non-zero elements.

The contour lines IDL returns are rather jaggy. How to smooth these lines ?

Is there a better algorithm for plotting binary data ?

Thanks for any help,

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