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Subject: Re: Overplotting contour plot with one specific level labeled

Posted by [David Fanning](#) on Tue, 13 Nov 2012 23:30:41 GMT

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Leah Huk writes:

> I'm currently plotting up some contours showing the reduced chi2 values resulting from comparing a grid of models with some actual data. I am using cgcontour and the Coyote graphics suite to do this. We are interested not only in pinpointing the lowest value, but also in looking at all values which are statistically significant. For this reason, I would like to identify those two values on the contour plot with their own labeled contour lines, so that it is obvious that the values between those contour are the ones that are significant. However, I am at a loss for how to do this. Any thoughts on how to specify a level or two only at a particular value on top of a contour plot??

Using the LEVEL keyword to select the contour level, and using the OVERPLOT keyword to overplot on the already existing contour plot comes to mind. Did you have something more complicated in mind?

Cheers,

David

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David Fanning, Ph.D.

Fanning Software Consulting, Inc.

Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

Sepore ma de ni thue. ("Perhaps thou speakest truth.")

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