Subject: Color Contouring Proceedure
Posted by zawodny on Fri, 11 Sep 1992 14:41:04 GMT
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There was an immediate response to my offer of a color contouring routine, so I will post it. It comes in two parts, CONTTW.PRO and EXPAND.PRO, both of which have been tested to a fair degree. You may hack these to bits as you see fit. I have indicated areas of CONTTW where you may wish to change things (such as color tables, what is black and what is white etc.) with a comment line containing ****. Play with it for awhile before declaring that a "feature" is a bug.

EXPAND.PRO performs a two dimesional stretch (or shrink) of an array of any size to any size via a bilinear interpolation (sort of like the way CONGRIDI was supposed to work). Currently the result is always a floating point array although the input may be anything. There is some interesting manipulations of subscripts in this routine which may be of general interest to the newcommer to IDL. See if you can figure out why it works.

Have fun but don't blame me.

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