
Subject: tracing contours, how?

Posted by [becker](#) on Thu, 22 Jan 1998 08:00:00 GMT

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Hi,

I am trying to trace a special contour line in a 2D field, t, to get the coordinates in data units. I tried

```
CONTOUR, t, PATH_XY=xy, PATH_INFO=info, levels=contourlevels
k = 0
FOR i=0, (N_ELEMENTS(info) - 1 ) DO BEGIN
    FOR j=0, info(i).n-1 DO BEGIN
        IF((info(i).value EQ tracecontourvalue) THEN BEGIN
            print, info(i).value, xy(0, k+j), xy(1, k+j)
        ENDIF
    ENDFOR
    k = j
ENDFOR
```

and was hoping that this would trace the polygons and give me all points in normalized units if the contourvalue is tracecontourlevel. I got the right contour, but the points it printed didn't really make sense. Why? Did anybody solve this problem with IDL? Your help is greatly appreciated. Thanks in advance

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