
Subject: bug in contour

Posted by [R. Bauer](#) on Mon, 30 Mar 1998 08:00:00 GMT

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Hi,

we found again a bug in contour.

The bug appears sometimes with using the irregular key by contour and use of map_set.

If you are interested I can mail the dataset test.dat.

IDL Version:

```
** Structure !VERSION, 5 tags, length=40:
ARCH      STRING  'ibmr2'
OS        STRING  'AIX'
OS_FAMILY STRING  'unix'
RELEASE   STRING  '5.0.3'
BUILD_DATE STRING  'Nov 3 1997'
```

Unfortunately it works with simple datasets.

```
pro contour_error
```

```
restore,'test.dat'
```

```
x=b_2c(*,0)
y=b_2c(*,1)
z=b_2c(*,2)
```

```
triangulate,x,y,tri
```

```
MAP_SET, /MOLLWEIDE, 0, 0, /ISOTROPIC, $
        /HORIZON, /GRID, /CONTINENTS, $
        TITLE='Mollweide Contour'
```

```
contour,z,x,y,/irregular ,/overplot,/fill ; won't work
; should be the same but it isn't upper statements won't work
; % CONTOUR: Points are co-linear, no solution.
; % Execution halted at: CONTOUR_ERROR    17 contour_error.pro
; %                                $MAIN$
contour,z,x,y,tri=tri ,/overplot,/fill ; works
```

```
END
```

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