
Subject: MPFIT2DFUNC problem

Posted by [Poonam](#) on Mon, 23 Apr 2012 02:28:09 GMT

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Hi,

I am trying to fit a 3D data using MPFIT2DFUNC.

This is how my program in IDL looks:

```
readcol, '06jd.dat', X, Y, Z, ERR
.comp myfunc1.pro
start = [1.D, 1.D, 1.D, 0.5]
pi=replicate({fixed:0, limited:[0,0], limits:[0.D,0.D]},4)
pi(2).fixed=1
pi(2) = 1.04
result = MPFIT2DFUNC('MYFUNC1', X, Y, Z, ERR, start, PARINFO=pi,
perror=dparm)
print, result, dparm
```

Below is the error I am getting. Please let me know where I am wrong.

```
% Compiled module: MYFUNC1.
```

```
% Conflicting data structures: PI,<FLOAT  (    1.04000)>.
```

```
% Execution halted at: $MAIN$
```

```
result = MPFIT2DFUNC('MYFUNC1', X, Y, Z, ERR, start, PARINFO=pi,
perror=dparm)
```

^

```
% Syntax error.
```

```
At: /local/Papers/SN2006jd/aastex/Analysis/Externals2.eps-IDL, Line
14
```

Thanks

Poonam
