
Subject: plotting different sized circles

Posted by [Krishnakumar M.A](#) on Mon, 07 Oct 2013 15:12:13 GMT

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Hi all,

I'm having a bit trouble here while using usersym. What I want to make is circles with the third column of the file (which means that the circles will have different radii). But, I have no idea if one can use the usersym like the way in which I have used. the code and the error message is given below. Please let me know the problem with the script.

Thanks.

```
data=fltarr(3,100)
readf,1,data
l=data(0,*)
b=data(1,*)
r=data(2,*)

for i=0,99 do begin
n=17.0
theta=findgen(n)/(n-1.0)*360.0
x(i)=l(i)+r(i)*sin(theta)/1.0
y(i)=b(i)+r(i)*cos(theta)/1.0
usersym,x(i),y(i)

plot,l(i),b(i),psym=8
endfor
```

The returned error was

```
% Compiled module: $MAIN$.
% USERSYM: Expression must be an array in this context: <FLOAT  (
-1.99965)>.
% Execution halted at: $MAIN$          16
```
