
Subject: CgTaylorDiagram

Posted by [siumtesfai](#) on Fri, 27 Feb 2015 21:43:42 GMT

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Hello all,

I should use cgTaylorDiagram . But One issue i have is that my correlation value ranges between -1 and 1.

Please any help or suggestion to make changes to CgTaylorDiagram to plot Semi Circle Taylor Diagram will be appreciated. I have posted the same question more than once.

Sorry Dave. You already answered my question but I really need help with CgTaylorDiagram. Nice program.

Best regards to all

Subject: Re: CgTaylorDiagram

Posted by [Matthew Argall](#) on Fri, 27 Feb 2015 23:54:43 GMT

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The program indicates where start. On line 372 it says

```
; Construction of the diagram.
```

```
; PART I: Outer Axis circle and RMS circles
```

```
cir_npts = 1000 ;number of points of the outer circle
```

```
x = Findgen(cir_npts)/(cir_npts-1) * stddev_max
```

```
y = SQRT(stddev_max^2 - x^2) ; Equation of Outer circle. stddev_max is maximum of the radius  
of the Correlation Circle Axis
```

Then line 436 draws the outer arc.

```
cgPlotS, x, y
```

That should get you started. Much of the rest is drawing tickmarks.
