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.