In article <38192F61.44A514D2@physics.usyd.edu.au>,
 Chris Rennie <rennie@physics.usyd.edu.au> wrote:

> Sure.
> I have a phase angle (-Pi .. +Pi) as a function of time.
> A flat 2D plot is somewhat unsatisfactory if the data
> frequently 'wraps around' from -Pi and +Pi, and so I
> was curious to see the data mapped onto a cylinder.
>
> I can create a 3D version of the time series from Times[]
> and Phase[] by:
> Phase3d[0,*]=Times
> Phase3d[1,*]=sin(Phase)
> Phase3d[2,*]=cos(Phase)
>
> and view the result from various angles. But I am hoping
> that someone out there has done the harder work of supplying
> axes, hidden line removal, or imaginative shading etc. Such
> plots are hard to visualize without additional depth cues.
> If you have any ideas, please let me know...
> Chris
>

I don't have much experience in 3d plotting, and the little I had
did not provide easy to understand plots. How about
unwrapping the phase so it goes form 0 to n*2pi and plotting
in 2D. Does that
make any sense? What is changing from one 2pi interval to the next?

Mirko

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