Subject: Re: circles on the sky
Posted by Christopher Thom on Tue, 31 Mar 2009 21:07:34 GMT
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Quoth Kenneth P. Bowman:

> In article <alpine.OSX.1.10.0903311335490.8491@kanangra.uchicago.edu>,
> Christopher Thom <cthom@oddjob.uchicago.edu> wrote:
>
>> Given a co-ordinate position (ra/dec or lat/long), a direction (e.g an
>> angle east of north, for instance), and a great circle angular distance,
>> how do I compute the coordinate of the final position?
>
> LL_ARC_DISTANCE.
>
> What! That wasn't obvious? :-)
>
> (This function should be referenced in the manual page for MAP_2POINTS,
> and vice versa.)

AHA!!! Missed this one. Now, by just passing all azimuths 0 -> 360deg, i have the coordinates of the "circles" i'm trying to draw (where, by "circle", i mean "the set of all points that are r distance from my lon/lat").

thanks all for the help
chris