Subject: Re: circles on the sky
Posted by pgrigis on Tue, 31 Mar 2009 20:00:06 GMT
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Kenneth P. Bowman wrote:
> 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.

Also, for some background geometry:
http://en.wikipedia.org/wiki/Law_of_cosines_(spherical)

Ciao,
Paolo

>
> What! That wasn't obvious? :-)
>
> (This function should be referenced in the manual page for MAP_2POINTS,
> and vice versa.)
>
> Ken Bowman