

Re: Help me understand Foucault's pendulum?

Source: <http://sci.tech--archive.net/Archive/sci.astro.amateur/2006-09/msg00179.html>

- *From:* "oriel36" <geraldkelleher@xxxxxxxxx>
 - *Date:* 3 Sep 2006 02:46:29 -0700
-

Alan French wrote:

http://en.wikipedia.org/wiki/Foucault_pendulum

<http://www.si.edu/resource/faq/nmah/pendulum.htm>

It always returns to the same thing, whether the Newtonian ballistic agenda or its exotic 20th century extensions, the value to assign to axial rotation.

The Wiki articles determines 23 hours 56 min for the poles while another group correctly identifies the value as 24 hours or 15 degrees of rotation per hour –

<http://www.phys--astro.sonoma.edu/people/students/baker/SouthPoleFoucault.html>

The astronomical principles only support 15 degrees per hour derived from the two step process which renders the pre-Copernican equable 24 hour day derived from the noon Equation of Time correction into its heliocentric adaption to the principle that the Earth has an independent axial rotation.

The entire empirical framework supporting the hideous correlation between the return of a star to a meridian and axial rotation is built on a false premise –

"Flamsteed used the star Sirius as a timekeeper correcting the sidereal time obtained from successive transits of the star into solar time, the difference of course being due to the rotation of the Earth round the Sun. Flamsteed wrote in a letter in 1677:–

.... our clocks kept so good a correspondence with the Heavens that I doubt it not but they would prove the revolutions of the Earth to be isochronal... "

The correlation between clocks, terrestrial longitudes and axial rotation is based strictly between our parent star and the motions of

Re: Help me understand Foucault's pendulum?

the Earth therefore appeals to the stellar background in determining axial rotation prove to be sterile,barren and counter-productive.