

Re: accruate "sundials"

Source: <http://sci.tech-archive.net/Archive/sci.astro.amateur/2005-06/msg01611.html>

- *From:* geraldkelleher@xxxxxxxxxxx
 - *Date:* 21 Jun 2005 02:43:56 -0700
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jtaylor wrote:

> <geraldkelleher@xxxxxxxxxxx> wrote in message
> news:1119258271.974598.130540@xx
>
>> So,frames of reference are little more than pretending to give
>> yourselves choices you do not have,
>
> WHY don't we have these choices?
>

The axial rotation of the Earth through 360 degrees is an independent event hence the cycle of dawn,noon,dusk,dawn...,therefore you do not have a choice is designating two values and external references for rotation through 360 degrees.All cataloguers/theorists believe that the Earth rotates equably to the Sun in 24 hours and to the distant stars in 23 hours 56 min 04 sec.

360 degrees = 24 hours
1 deg = 4 min
..986 degree = 3 min 56 sec

24 hours minus 3 min 56 sec = 23 hours 56 min 04 sec.

So sunshine,why do you believe that the Earth rotates to the Sun in 24 hours and to the stars in 23 hours 56 min 04 sec after this wonderful education I have given you.

>> instead of gauging the changing
>> orbital orientation to the Sun you designate a useless axial tilt
>> component to the Earth against the Sun.
>
> WHY is this useless?

- *Follow-Ups:*
 - ◆ *Re: accruate "sundials"*
 - ◇ *From: jtaylor*
 - ◆