
Subject: Re: Local solar time

Posted by [Craig Markwardt](#) on Tue, 29 Jun 2004 03:46:55 GMT

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"Haje Korth" <haje.korth@jhuapl.edu> writes:

> Check the ESRG IDL library. Maybe zensun.pro does what you want.

I don't think this is the right thing, but it's close. Local solar time would be the hour angle (=longitude) of the sun, not the zenith angle.

> "David Oesch" <oesch@giub.nospam.unibe.ch> wrote in message

> news:40dfde52\$1@news.unibe.ch...

>> Hi folks...

>>

>> Has anyone already written a program to convert Julian to "local solar

>> time" ? Just before I re-invent the wheel..

I didn't find any with a quick search. Just a word of caution if you are new to time systems. You need to be clear what time system you are starting in. Julian days is just a way of counting days, not a time system. I am quite certain that one could express local solar time in Julian days. Presumably you mean that the starting time is a civil time like UTC?

Craig

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Craig B. Markwardt, Ph.D. EMAIL: craigmnet@REMOVEcow.physics.wisc.edu
Astrophysics, IDL, Finance, Derivatives | Remove "net" for better response
