
Subject: Re: Julian Day Numbers
Posted by [Vapuser](#) on Tue, 14 Nov 2000 08:00:00 GMT
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Ben Tupper <pemaquidriver@tidewater.net> writes:

<snip>

> P.S.
> The IDL JULDAY code cites the following reference, but I don't
> have it handy to check into. ; Translated from "Numerical Recipes
> in C", by William H. Press, ; Brian P. Flannery, Saul A. Teukolsky,
> and William T. Vetterling. ; Cambridge University Press, 1988
> (second printing).
>

Well, I just coded the julday subroutine given in `_Numerical
Recipes_` and ran it for 1999/01/01 and it comes out as 2415021. I
also coded and ran the one line version given in `_Spacecraft
Attitude and Control_` and it comes out the same as the `_Numerical...`

I also checked December 25, 1981, which `_Spacecraft ...` says should
be 2444964, all three routines give the same (correct) answer.

`_Numerical...` says May 23, 1968 is Julian Day 2440000, which checks
out for all three routines.

Might your reference be off?

whd

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