
Subject: Re: hor2eq mystery - disagreeing output from same input?

Posted by [MichaelT](#) on Wed, 17 Jun 2009 19:15:57 GMT

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Thanks for the very quick fix, Wayne! I just downloaded and tested it with the expected result.

> It assumed that the Julian date would be
> supplied as a vector with a separate date for each position. (So it
> would loop over the number of Julian dates.) But you are giving a
> scalar Julian date with vector positions, so all positions except the
> first are not being precessed. I have now updated hor2eq.pro to
> recognize your case (<http://idlastro.gsfc.nasa.gov/ftp/pro/astro/hor2eq.pro>)

OK, I indeed overlooked to provide the julian date as a vector as well.

I had already noticed that the alt/az grid that I had generated was somehow shifted with respect of the single values that I found were correct. So the missing precession nicely explains this observation.

Thanks again!
