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Subject: Re: Satellite orbit procedure

Posted by [Ed Wright](#) on Thu, 28 Feb 2002 16:32:42 GMT

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in article 3C7E3189.88B08ED3@dlr.de, Richard Lord at Richard.Lord@dlr.de wrote on 2/28/02 5:32 AM:

>  
> Hi,  
>  
> I'm looking for a procedure that takes as input the parameters of a  
> satellite orbit (Kepler orbit parameters), and outputs so-called  
> statevectors. A statevector contains the x,y,z and vx,vy,vz  
> coordinates at any particular point in time.  
>  
> If anybody has seen a procedure that does something along the lines  
> explained above, I would be grateful to receive a copy.  
>  
> Thanks in advance,  
> Richard

Give me another month and I'll finish testing a dlm interface to the JPL  
CSPIICE library. The library includes routines for orbit computations, time  
conversion, and associated functions.

As always,  
Ed Wright  
JPL/NAIF

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