
Subject: Re: IDL LSODE double precision
Posted by [douglas Drumheller](#) on Sat, 12 Aug 2017 16:57:53 GMT
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Thanks Chris,

It's helpful to understand that LSODE's normal mode is double precision. Your code rewrites the input y before each use, which seems to do the trick. I'm studying the effect of weak nonlinearities on the period of the oscillation, and I iterate on parameters which alter this nonlinearity, which is why I integrate from the initial value of time rather than incrementally as you suggest.

Doug
