Subject: Re: vectorized RK4
Posted by news.qwest.net on Tue, 21 Nov 2006 17:49:29 GMT
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"Kenneth Bowman" <k-bowman@tamu.edu> wrote in message news:k-bowman-EF0484.10504321112006@news-new.tamu.edu...

- > In article <45536299\$0\$498\$815e3792@news.gwest.net>,
- > Bob,

>

- > You may have already solved this, but if not, RK4 is simple enough to code
- > yourself. You lose a little flexibility, but you can vectorize across
- > particles.

>

> Ken Bowman

Thanks, yeah the problem has been addressed (did it in fortran for a speed up of approximately infinity, lol). This application was calling the routine thousands of times, and it was very slow.

Actually I was confused about some posts I found in google groups saying that one could vectorize across particles, and I had mistakenly assumed it referred to the rk4 procedure that comes with IDL. So I had wasted some time fiddling with it, trying to make it accept arrays and stuff before realizing that the posts must have been referring to a different

routine. (in fact I think it was an old message of yours that I had seen.)

Thanks for the response!

Cheers, bob