
Subject: Re: vectorized RK4

Posted by news.qwest.net on Tue, 21 Nov 2006 17:49:29 GMT

[View Forum Message](#) <> [Reply to Message](#)

"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.qwest.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
