Subject: Re: efficiency of eigenvalue calculations
Posted by Kenneth P. Bowman on Wed, 08 Aug 2007 02:02:06 GMT

In article <46b8d3fb$0$495$815e3792@news.qwest.net>,
 "R.G. Stockwell" <noemail@please.com> wrote:

> any have experience with solving eigenvalue problems
> in IDL, as compared to how fast it is in Fortran?
>
> I have some legacy code that uses eigenvector/value
> decompositions, on arrays of the size 200 by 50.
> However, it has to do thouasands of them.
>
> Is IDL (trired and triql for instance) nearly as fast as Fortran for this
> stuff, or should
> I stay with fortran?
>
>
> Cheers,
> bob

I would try LA_TRIRED and LA_TRIQL. They probably *are* Fortran
(or optimized C).

Ken Bowman