
Subject: efficiency of eigenvalue calculations

Posted by [R.G.Stockwell](#) on Tue, 07 Aug 2007 20:20:13 GMT

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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 thousands 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

Subject: Re: efficiency of eigenvalue calculations

Posted by [Kenneth P. Bowman](#) on Wed, 08 Aug 2007 02:02:06 GMT

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

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> Cheers,
> bob

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

Ken Bowman
