

---

Subject: Eigenvectors

Posted by [thiel](#) on Thu, 05 Nov 1998 08:00:00 GMT

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

---

Hi!

First of thanks to everybody showing me the right way to solve my problem with saving big arrays.

But now for something completely different:

I have to compute the eigenvalues and eigenvectors of a very big matrix (maybe 500x500). Does anyone know how much time IDL needs for this ?

In fact, I don't need all the Eigenvectors, but the first 10 seem very useful to me. Is there a way to compute just these 10 vectors?

My idea is as follows: I take only the first 10 Eigenvalues and let eigenv use only these. Does this work?

I'm using a double Pentium II 333MHz computer, Unix and IDL 5.1.

Cheers

Karsten

---