Subject: Re: Is there a good procedure for Minimum Variance Analysis?
Posted by duxiyu@gmail.com on Fri, 01 Feb 2008 03:03:30 GMT
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Thanks very much.
It is very helpful.

Du

On Jan 29, 9:56 pm, Wox <nom...@hotmail.com> wrote:
> On Mon, 28 Jan 2008 17:54:58 -0800 (PST), "dux...@gmail.com"
>
> <dux...@gmail.com> wrote:
>> I want to perform theMinimumVarianceAnalysison a set of magnetic
>> field data.
>> Is there a good procedure in IDL for thisanalysis?
>
>> Best regards,
>> Du
>
> Don't know what it is, but in chapter 8 in this
documenthttp://www.issibern.ch/PDF-Files/analysis_methods_1_ 1a.pdf
> it looks like you have to make a (co)variancematrix from the X,Y and
> Z components of the field data
>
>
> M=
>
> Then get the eigenvectors with trired/triql (because M is symmetric).
> The eigenvector with the smallest eigenvalue is the boundary normal.