
Subject: Re: N-dimensional rotation

Posted by [davidf](#) on Fri, 05 Jan 2001 15:21:47 GMT

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Antonio Plaza Miguel (aplaza@unex.es) writes:

>

> I was wondering if the ROT and ROTATE functions of IDL 5.3 allow the
> rotation of N-dimensional vectors, but I have just found that only 1D and 2D
> arrays can be specified as input parameters for these functions.

>

> I would be grateful if somebody could give me some links to
> information/source code about this subject. Our current objective is to
> analyze the N-dimensional scatterplot of a hyperspectral image in order to
> find spectrally pure elements. I know ENVI has a tool (N-dimensional
> visualizer) which allows to visualize and rotate the data cloud
> interactively, but our purpose is to incorporate some automation to the
> process.

If you already have ENVI, you can use those ENVI routines
you need in other IDL programs you build, including those
that will provide some automation.

Cheers,

David

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