
Subject: Re: N-dimensional rotation

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

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

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

--

David Fanning, Ph.D.

Fanning Software Consulting

Phone: 970-221-0438 E-Mail: davidf@dfanning.com

Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

Toll-Free IDL Book Orders: 1-888-461-0155
