Subject: N-dimensional rotation
Posted by Mhyst on Fri, 05 Jan 2001 11:58:00 GMT
View Forum Message <> Reply to Message

Hi everybody!

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.

Many thanks in advance.

_____

Antonio Plaza Miguel

University of Extremadura, SPAIN
aplaza@unex.es

_____