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Subject: 4D visualization

Posted by [Leslie Welser](#) on Mon, 02 Oct 2006 17:00:19 GMT

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Hi everyone,

I need to visualize a parameter space that has 4 variables. Example: I have vectors a, b, c, d all of the same size. For a given triplicate (a[0], b[0], c[0]), the matching value is d[0]. I thought about using a modified ternary style plot (a triangle with a,b,and c on the axes) and then plotting the 'd' values in different colors, but this appears to be difficult with IDL. I was wondering if anyone else has an easier way to do this.

Thanks,

Leslie Welser Sherrill

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