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Subject: 2-D Gaussian Fit..

Posted by [monnier](#) on Mon, 06 Feb 1995 21:34:18 GMT

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I am in need of routine to fit a 2-D Gaussian to a small set of image data. I would like the model gaussian fit to be a function of 6 parameters; Height, Major Axis sigma, Minor Axis sigma, Centroid X, Centroid Y, and Major Axis Angle. As you can see, this is a 6-parameter, non-linear model so the fitting procedure is a bit complicated.

If any one has such code for IDL already programmed, please let me know. I am using IDL with the Numerical Recipes procedures, so I can use codes which utilize the NR\_\* routines.

Thanks in advance for any help..  
John

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