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Subject: Fitting several Gaussians

Posted by [gotwols](#) on Mon, 19 Sep 1994 23:07:02 GMT

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I am looking for a fitting routine that will do a nonlinear least squares fit of the sum of N Gaussian functions to measured data. I am aware of the routine in the IDL Users library that fits a single Gaussian plus a polynomial, but in my case I want to fit 3 Gaussian functions (or even better yet, N). If anyone knows of the whereabouts of such a function I would appreciate hearing about it, otherwise I will have to write it myself.

Thanks in advance, bruce

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Bruce L. Gotwols

Johns Hopkins University, Applied Physics Lab., Laurel MD 20723

Internet: [gotwols@tesla.jhuapl.edu](mailto:gotwols@tesla.jhuapl.edu) (128.244.147.15)

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