Subject: least square error for a sinusoid
Posted by yaj on Wed, 15 Sep 2004 22:31:29 GMT
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Hello,
I am fitting a function of the form
ASin(wt + theta) + constant to a set of points. Instead of a readymade
fitting routine from IDL (to avoid any potential problems with small numbers
later), I use the three linear equations to minimize the least square error,
then use an IDL function to solve the matrix equation. Could someone suggest
a simple way to calculate the least squares error and goodness of fit using
some higher level IDL functions ?
Thanks in advance