
Subject: least square error for a regression
Posted by [yaj](#) on Wed, 15 Sep 2004 22:28:29 GMT
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Hello,
I am fitting a function of the form
 $A \sin(\omega t + \theta) + \text{constant}$ 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
Y. Bhattacharya
[yajnaval_at-hotmail](#)
