
Subject: 2-d fitting

Posted by [xqinshan](#) on Wed, 12 Nov 2008 05:25:46 GMT

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Hi,

I have a set of data z_i at independent variables (x_i, y_i) . I want to get coefficients of a fitting function such as $f(x, y) = a*f_1(x, y) + b*f_2(x, y) + c*f_3(x, y) + \dots$, $f_1(x, y), f_2(x, y), \dots$ are given by myself. If $f_1(x, y), f_2(x, y), \dots$ are polynomials, we can use `sfit` or `mpfitfun` to do it. Are there any routines to do it?

thanks,

Xqinshan
