
Subject: Multivariate interpolation

Posted by [Philippe Peeters](#) on Tue, 19 May 1998 07:00:00 GMT

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Hi,

I'm looking for an IDL code (or a basic algorithm) to perform a multivariate interpolation.

Basicly, I have a N-dimensional lookup table F(X1,X2,...,XN) and, given a vector value X=(X10, X20,..,XN0) in this space I want to interpolate the function F at X. IDL can do this in 1 and 2 dimension (INTERPOLATE and BILINEAR) but nothing for N dimensions.

BTW, MATLAB has a routine like that (INTERPN).

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