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Subject: Help with Search Algorithm

Posted by [kump](#) on Mon, 22 Aug 1994 16:17:33 GMT

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I have an arbitrary function, "funct", which has 4 parameters. I have input, "x" and output, "y". I would like to use a method to search for the optimal 4 parameters. I found NR\_DFPMIN, but my function is quite complex and I cannot calculate analytical partial derivatives. I also found SVDFIT which is supposed to work for polynomials, but will also take arbitrary functions--I have tried to use this, but it keeps crashing IDL. RSI says consult manual, and I cannot find info on user-supplied functions.

If you know of another function (such as in NR, simplex method), or can help me with SVDFIT or DFPMIN, I'd appreciate it.

I am running on a SUN with IDL ver 3.6.1.

Thanks,

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