
Subject: Re: Fitting curves

Posted by [amaravad](#) on Fri, 02 Sep 1994 15:57:02 GMT

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In article <341uu7\$9me@aragorn.unibe.ch> larkum@optolab.unibe.ch writes:

> Hi,

>

> I know this goes around once in a while but I'm really confused about

> how to use the CURVEFIT procedure. I want to fit a double or triple

~~~~~

> exponential curve to some data. Initially, I'll be happy to try

~~~~~

> out a single exponential fit.

>

pardon my ignorance, but do you mean a sum of 2 or 3 exponentials :

like $Y(x) = A \cdot \exp(Bx) + C \cdot \exp(Dx)$. If this is what you want to do,

it is fairly straight forward with the CURVEFIT procedure. For better

understanding try reading the Marquardt algorithm from Bevington.

This book is referred to in the help pages of IDL's CURVEFIT routine.

> I would really like to see an example and copy that. Is there some kind

> soul out there who would has an example from beginning to end for the

> dummies like me?

I will be happy to help you with this problem, but would like to know
what your model function is.

>

> Thanks heaps,

>

> Matthew.

> larkum@optolab.unibe.ch

>

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This is my .sig file and not yours...
