Re: nonlinear regression

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- *From*: Phil Hobbs <pcdh@xxxxxxxxxxxxxxxxxxxxxxxxxx>
- *Date*: Tue, 26 Apr 2005 10:48:05 −0400

Rusty wrote:

> <orangeKDS@xxxxxxx> wrote in message
> news:1114433365.826801.278000@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
>
> > I need to find formula for this graph:
> >
> > http://grange.150m.com/misc/plot.htm
> >
> > What is good program for nonlinear regression that could help me?
>
> As the curves resemble exponentials a linear combination of exp(−a(i).x) terms with a(i)'s to be determined might fit well. Prony's method solves for everything. Either Google for it, or its in Hildebrand's rather geriatric numerical analysis book.
>
> rusty

Prony's method is so ill−conditioned that it might also solve the earlier question about random number generators!

Cheers,

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Phil Hobbs
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