Subject: Re: Surface fitting in IDL
Posted by David Fanning on Fri, 02 Mar 2012 18:28:24 GMT

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Sasha Singh writes:

> I am new to IDL. I need to fit a function f(x,y)= A*
> (x^a)*(y^b)*(exp(B*(x^c)*(y^d))) in IDL. No idea how to do it, any
> help would be great.

I would say you do it pretty much like that! There
really is not much more to it. :-)

Cheers,

David

--
David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: http://www.idlcoyote.com/
Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: Surface fitting in IDL
Posted by Bill Nel on Fri, 02 Mar 2012 19:50:39 GMT

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On Mar 2, 1:00 pm, Sasha Singh <sashasingh....@gmail.com> wrote:
> Hi,
>
> I am new to IDL. I need to fit a function f(x,y)= A*
> (x^a)*(y^b)*(exp(B*(x^c)*(y^d))) in IDL. No idea how to do it, any
> help would be great.
>
> Thanks much,
> Sasha

Take a look at the second example in the documentation for CURVEFIT.
That might be what you're looking for.

--Wayne

Subject: Re: Surface fitting in IDL
Posted by Sasha Singh on Sat, 03 Mar 2012 02:58:28 GMT

On Mar 2, 2:50 pm, Bill Nel <ri...@crd.ge.com> wrote:
> On Mar 2, 1:00 pm, Sasha Singh <sashasingh....@gmail.com> wrote:
>
>> Hi,
>
>> I am new to IDL. I need to fit a function f(x,y)= A*
>> (x^a)*(y^b)*(exp(B*(x^c)*(y^d))) in IDL. No idea how to do it, any
>> help would be great.
>
>> Thanks much,
>> Sasha
>
> Take a look at the second example in the documentation for CURVEFIT.
> That might be what you're looking for.
>
> --Wayne

Thanks. I will read the curvefit documentation and see if I can do it.