
Subject: Re: curve fitting issue

Posted by [Jeremy Bailin](#) on Wed, 10 Dec 2008 13:54:39 GMT

[View Forum Message](#) <> [Reply to Message](#)

On Dec 10, 12:12 am, Elkunn <Wasit.Weat...@gmail.com> wrote:

> Hello,
> I have a data array like this. The 1st value a[0] is somewhat
> contaminated and need to be removed.
>
> a=[0.0382000, 0.3919000, 0.3843000, 0.3880000, 0.3720000, 0.4221000,
> 0.5966000, 0.8063000,0.7955000
> 0.8022000,0.7941000,0.8149000,0.8170000,0.7212000,0.7299000,
> 0.7644000,0.7738000,0.7574000
> 0.6756000, 0.6122000,0.5646000,0.5595000,0.5151000]
>
> I want to remove 1st pixel and replace it by a predicted value from
> curve fitting and smooth the overll data, return them back into
> spatial domain. I do not have error values. Is there any simpler
> method to do that?
>
> Thanks a lot!
>
> Elkuun

And do you expect whatever the curve you fit to have compact support
(probably a good idea for most applications, but I have no clue about
in your case) or to depend on all of the other data?

-Jeremy.
