Subject: Re: curve fiting 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.