
Subject: Re: Spline based ROIs
Posted by [rogass](#) on Tue, 12 May 2009 07:17:10 GMT
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On 12 Mai, 00:43, Robbie <ret...@iinet.net.au> wrote:

> Hi,
>
> I'm trying to write some code for spline based ROIs, but the splines
> seem to be very unstable and "explode" when the control points are
> ordered haphazardly.
>
> Does anyone have code for drawing smooth ROIs.
>
> Here is a picture of what it should look like
>
> <http://barnett.id.au/idl/spline.tiff>
>
> Source code at: <http://nma.cvs.sourceforge.net/viewvc/nma/nma/controls/nmasplinecontr...>
>
> Thanks
>
> Robbie

It's a typical problem of splines. Try to implement the commercially available GVF-Snakes approach from David Fanning. It works well and is also well programmed. Btw, maybe you have to sort the nodes before and maybe spline_pp does also the job?

Regards,

Christian
