Subject: Re: Image profiles along a curved line
Posted by David Fanning on Sun, 18 Feb 2007 16:11:02 GMT
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james_harrison_321@hotmail.com writes:

> I have recently started using IDL to come up with an image
> analysis program and I have come up with a way of extracting pixel
> intensities along an arbitrary line specified by the cursor (a simple
> y=mx+c job) but I'm stumped on how to extend this to extract
> information along curves (like line profiles along a spline curve for
> instance). I've heard of methods using interpolation, but I've found
> the help a bit confusing when it comes to how to apply it.

Here is an article that describes the technique. The
solution works equally well for curved lines, as well
as for the straight line described in the article.

http://www.dfanning.com/ip_tips/image_profile.html

Cheers,

David
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Coyote's Guide to IDL Programming: http://www.dfanning.com/
Sepore ma de ni thui. ("Perhaps thou speakest truth.")