Subject: Re: contouring from an explicit point in an array
Posted by Matt Feinstein on Thu, 03 Apr 2003 17:57:32 GMT
<>

On Thu, 3 Apr 2003 17:36:15 +0000 (UTC), egraves@socrates.Berkeley.EDU
(Ted Graves) wrote:

> Hi all,
>
> Is there a way to get only the contour of an image that passes through a
> given point? I'm currently doing this by contouring the entire image
> using the intensity of the desired point as a level, and then only keeping
> the contour with a vertex within half a pixel of that point. But this
> seems pretty kludgey and error-prone to me.
>

Don't know if there's a method that's a lot better, but I'd subtract
the critical value from the intensity array so that the desired level
value equals zero and use a filled contour to reduce the pixel
boundary error.

Matt Feinstein

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The Law of Polarity: The probability of wiring a battery with
the correct polarity is $(1/2)^N$, where N is the number of times
you try to connect it.

Subject: Re: contouring from an explicit point in an array
Posted by K. Bowman on Thu, 03 Apr 2003 17:59:36 GMT
<>

In article <b6href$lg7$1@agate.berkeley.edu>,
 egraves@socrates.Berkeley.EDU (Ted Graves) wrote:

> Is there a way to get only the contour of an image that passes through a
> given point? I'm currently doing this by contouring the entire image
> using the intensity of the desired point as a level, and then only keeping
> the contour with a vertex within half a pixel of that point. But this
> seems pretty kludgey and error-prone to me.

Are you using the PATH_INFO and PATH_XY keywords to retrieve the
coordinates of the contour from CONTOUR? Those paths may have multiple
pieces, so you will have to select the one you want using a method like
the one you are currently using.

Ken Bowman