
Subject: Re: Displaying thicker lines on an image

Posted by [Bringfried Stecklum](#) on Mon, 23 May 2011 06:56:54 GMT

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wlandsman wrote:

> I have been using edge detection algorithms, so i end up with an image with
> values of 255 on the lines defining the edges, and zeros everywhere else.
> However, when I display the image, the lines don't show up well, so for
> display purposes I want to make the lines thicker. If I had created the
> lines with the PLOT command, I would adjust the THICK keyword. But for an
> image I think I need an algorithm that will identify neighboring pixels to
> the existing lines. Thanks, --Wayne

Dear Wayne,

why don't you just convolve the binary image with a Gaussian kernel of a few pixels width? You may clip the resulting image at some level chosen to produce the desired line thickness if it needs to be binary again.

This slight blurring (at the expense of some contrast) is also recommended if IDL line plots are difficult to discern when presented with a beamer.

Regards, Bringfried
