
Subject: Re: creating elliptically shaped images

Posted by [Matt Feinstein](#) on Mon, 24 Nov 2003 17:15:00 GMT

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On Mon, 24 Nov 2003 08:55:21 -0700, David Fanning <david@dfanning.com> wrote:

> mark writes:

>

>> I'd like to form an image which has an elliptical shape and where all
>> the pixels within this ellipse have values corresponding to any given
>> function that I would specify, the simplest example being a uniform
>> image (i.e. a value of 1 for all the pixels in the ellipse). Is there
>> any nice way to do this in IDL or MATLAB other than looping through
>> all the pixels and determining whether any given one lies within the
>> ellipse?

>

> I'd use the IDLanROI object to make an ROI out of
> your ellipse. Then you can easily create an image
> mask, see if a point is inside or outside the ROI, etc.

>

> Cheers,

>

> David

I'll bet the people in the Mtlab group you cross-posted to are wondering what you're talking about...

Matt Feinstein

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There is no virtue in believing something that can be proved to be true.
