
Subject: Re: Help Finding Sources (Peaks) in an Image
Posted by [ben.bighair](#) on Fri, 20 Mar 2009 19:40:05 GMT

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On Mar 20, 2:28 pm, einzswel...@gmail.com wrote:

- > I have a 2D image that I've read into IDL. I'm trying to write a
- > procedure to locate all of the "peaks" (i.e. highest intensities) of
- > the image.
- >
- > I suppose I'm defining a "peak" as any pixel that has a higher
- > intensity than any of its surrounding r pixels, where r is some sort
- > of "radius" around the pixel (not necessarily a circular region).
- > Maybe $r = 4$ or something
- >
- > After scanning through the image I'd like the procedure to either
- > print out the pixel locations and/or create circles around them on the
- > image itself.
- >
- > Does anyone have any ideas? I mean, I'm not asking you to write up a
- > whole procedure for me unless you want to be really helpful. But any
- > hints or tips on what functions, etc. I could use would be extremely
- > helpful. Or just a quick few lines of code I could build off of would
- > be great.
- >
- > Thanks in advance!

Hi,

A search on Google (for this newsgroup) for "local maxima" found this...

<http://tinyurl.com/d5d7kx>

That might be a good start.

Cheers,
Ben
