Subject: Finding "objects" in images
Posted by rivers on Mon, 26 Oct 1998 08:00:00 GMT
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I am looking for code to detect "objects" in images. In this specific case I
am looking for x-ray diffraction peaks in a CCD camera image, but the problem
is general. I have used the IDL Erode and Dilate functions to clean up the
data, so that I have adjacent pixels with value=1 inside the "objects" and all
other pixels=0. I can easily make a list of all of the pixels which are
inside the objects of interest. There might be hundreds of such pixels.
But I want to do is to find the objects themselves which contain these adjacent
pixels. There might only be a few such objects.

I am sure there are lots of people doing this: finding cells or stars or
whatever in images, and getting shape information about them.

Thanks,
Mark Rivers

Subject: Re: Finding "objects" in images
Posted by rivers on Wed, 28 Oct 1998 08:00:00 GMT
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In article <F1GFxC.Lus@midway.uchicago.edu>, rivers@cars3.uchicago.edu (Mark Rivers)
writes:
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To answer my own post, I found a routine which does exactly what I want at:
http://idlastro.gsfc.nasa.gov/contents.html#C2

It is called FIND.PRO, written by Wayne Landsman. It was designed to find
stars in telescope images, but it works great for finding diffraction peaks
in diffraction images.

Mark Rivers (773) 702-2279 (office)

Argonne National Laboratory (630) 252-0422 (office)
Building 434A (630) 252-0405 (lab)
9700 South Cass Avenue (630) 252-1713 (beamline)
Argonne, IL 60439 (630) 252-0443 (FAX)