
Subject: Re: how i can detect round bright structures in picture??

Posted by [David Fanning](#) on Wed, 15 May 2002 19:02:51 GMT

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Ulf (Ulfer@gmx.de) writes:

> White noise with the image files concerned (naht1.bmp... naht20.bmp)
> acts it thereby around a picture pile of 20 pictures (raw data 615 x
> 416), which comes from a picture recording system, whatever conveys
> apart from the actual picture signal disturbances. Therefore to the
> actual signal white noise (thus with average value 0) as disturbance
> with the picture is returned the delivery. Radiographs of a welding
> seam are shown with those errors in the material structure as bright
> points on dark background to be illustrated. Use now your knowledge
> for picture improvement in such a way that material defects in the
> welding seam (round bright structures in the dark display space) in
> the picture become recognizable. Indicate they the number of
> recognized material defects.
>
>
> what can i use ?? hmmm i have no real idear..... i tryed median but
> bothing find should i tryed gauss?? so when how ? thx for answer

This sort of reminds me of Pavel, when he first started
posting to the newsgroup. :-)

Humm. Let's see.

Have you tried smoothing, or maybe unsharp masking?

```
IDL> TV, image - Smooth(image, 5)
```

Histogram equalization?

```
IDL> TV, Hist_Equal(image)
```

Some kind of thresholding:

```
IDL> XStretch, image
```

XStretch is one of my programs:

<http://www.dfanning.com/programs/xstretch.pro>

Cheers,

David

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Subject: Re: how i can detect round bright structures in picture??
Posted by [Pavel A. Romashkin](#) on Wed, 15 May 2002 21:38:32 GMT
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Careful, now :-E
I have *never* asked a question about images. Simply because image processing is so easy in IDL that it is pretty much self-explanatory. You just keep trying until, a) you are sick and tired and don't care anymore, or, b) you get a result that is satisfactory to you in your current sick and tired condition :-)
Lesson: you will get frustrated no matter what you try to do with images. Except if, like myself, you never work with them :-)
Cheers,
Pavel

David Fanning wrote:
>
> This sort of reminds me of Pavel, when he first started
> posting to the newsgroup. :-)

Subject: resizing idlde editor windows? (was: Re: how i can detect round bright structures in picture??)
Posted by [Jaco van Gorkom](#) on Thu, 16 May 2002 14:49:20 GMT
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"David Fanning" <david@dfanning.com> wrote in message news:MPG.174c5ec8f827f2129898d6@news.frii.com...
> ...
> This sort of reminds me of Pavel, when he first started
> posting to the newsgroup. :-)

That got me curious all right. I googled upon this very first message, dated April 13, 1999:

Hello IDL pros,
Do you know how to make editor window size, when in "multiple windows" mode on a Unix machine, to stay the same, smaller or bigger than default? Any time I resize a window and double-click on something in

it, it pops back to the default size. Why?

Thank you,
Pavel

Did you ever get an answer to this, Pavel? If not, then I would like to repost and slightly rephrase the question: Very often when I resize a window and click on something in it, it pops back to the default size. Why?

Using Exceed on a Win2000 PC, idlde 5.4 running on Solaris.

cheers,
Jaco

P.S.: The reminiscence to 'round bright structures in picture' eludes me at the moment, David...
