
Subject: Re: Region growing routine

Posted by [David Fanning](#) on Mon, 13 Sep 2004 16:14:06 GMT

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Pravesh writes:

> does anybody have a good routine to grow a region. the input is from
> the device by the user. the image is a grayscale mri image.
>
> i would like to know where can i find routines helpful for image
> processing.

I've always found SEARCH2D to be helpful, although I guess
it is replaced now by the more powerful REGION_GROW. You
might also want to explore Active Contouring (or Snakes),
which can also be helpful with these MRI images:

http://www.dfanning.com/ip_tips/snakes.html

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

Subject: Re: Region growing routine

Posted by [helaha](#) on Tue, 14 Sep 2004 10:26:15 GMT

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XROI has a region growing functionality too.

I have implemented XROI in my image processing application (IQM1.sav).

If you are interested, look at

<http://www.uni-graz.at/people/ahammer/IQM/index.htm>

Best Regards,
Helmut Ahammer

praveshsubramanian@yahoo.com (Pravesh) wrote in message
news:<e5a50c3b.0409130807.4b83e2c2@posting.google.com>...

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> pravesh

Subject: Re: Region growing routine
Posted by [praveshsubramanian](#) on Tue, 14 Sep 2004 20:50:44 GMT
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Hello:

Thanks for the previous messages.

I have checked out the snake stuff. I do not think I want such a complex thing.

What I want is that I shall specify a region to the routine and it shall try to fill regions having the intensity of the specified region. The IDL has a built-in that uses standard deviation and thresholding.

Is there any way we can improve on this ? Since there tend to be discontinuities in the region, the snake may sometimes stop following the region, although it hasn't quite finished the job.

Thanks

Pravesh

helaha@gmx.net (Ahammer Helmut) wrote in message
news:<f2c7de6c.0409140226.6566433f@posting.google.com>...

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