Subject: widen the edge

Posted by Rodrigo on Tue, 12 Jun 2007 18:57:35 GMT

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Hi,

i have a image that represents the edges of one image. It is a binary image, 1 where the border exists. Currently the width of the border is constant. How can i widen the edge in this case?

Subject: Re: widen the edge

Posted by Vince Hradil on Tue, 12 Jun 2007 21:10:42 GMT

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On Jun 12, 1:57 pm, Rodrigo <rodrigo.itaj...@gmail.com> wrote:

> Hi,

>

- > i have a image that represents the edges of one image. It is a binary
- > image, 1 where the border exists. Currently the width of the border
- > is constant. How can i widen the edge in this case?

DILATE?

Subject: Re: widen the edge

Posted by Kenneth Bowman on Tue, 12 Jun 2007 21:59:52 GMT

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In article <1181674655.780525.235490@a26g2000pre.googlegroups.com>, Rodrigo <rodrigo.itajuba@gmail.com> wrote:

> Hi,

>

- > i have a image that represents the edges of one image. It is a binary
- > image, 1 where the border exists. Currently the width of the border
- > is constant. How can i widen the edge in this case?

Brute force. For an ni x nj image and border width of w pixels:

image[*, 0:w-1] = 1

image[*,nj-w: *] = 1

image[0 : w-1,*] = 1

image[ni-w: *,*] = 1

Simple to put in a function.

Subject: Re: widen the edge

Posted by Rodrigo on Wed, 13 Jun 2007 12:00:37 GMT

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The image is inside a rectangle, and is an irregular edge ...

I already tried dilate, but the widen seems to be only in x direction ...

thanks ...

Subject: Re: widen the edge

Posted by David Fanning on Wed, 13 Jun 2007 12:37:57 GMT

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Rodrigo writes:

> The image is inside a rectangle, and is an irregular edge ...

>

>

- > I already tried dilate, but the widen seems to be only in x
- > direction ...

Probably because you used a 1D structuring element. Why so parsimonious about the details? You do want help, don't you?

Cheers.

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

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

Sepore ma de ni thui. ("Perhaps thou speakest truth.")