
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 $n_i \times n_j$ image and border width of w pixels:

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

```
image[*,n_j-w: *] = 1
```

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

```
image[n_i-w: *,*] = 1
```

Simple to put in a function.

Ken Bowman

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.")
