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Subject: Re: IDL's built-in function DILATE and ERODE doesn't work as described in help

Posted by [Haje Korth](#) on Thu, 12 Oct 2006 12:22:26 GMT

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Karsten,

do you have suggestions for an alternative library (C, Fortran, IDL)?

Haje

Karsten Rodenacker wrote:

> Don't use IDL's dilate and erode without embedding your data into a  
> sufficiently large array. Border handling is not coherently implemented.  
> That is a large disadvantage, not to say an error, for the application of  
> math. morph. operations in sequences. Ask for improvement, possibly ITTVIS  
> can be convinced!

> Regards

> Karsten

>

> Am Thu, 12 Oct 2006 04:33:59 +0200 schrieb Gongqin Shen

> <gqshen2008@gmail.com>:

>

>> For example, if you have the data as a = [0, 1, 1, 0] and kernel as k

>> = [1, 1], according to the help provided by IDL, the result of running

>> the code:

>> result = DILATE(a, k)

>> will be [0, 1, 1, 0], however, IDL's output is [1, 1, 1, 0].

>> ERODE performs in a similar way. Does that mean the help is actually

>> broken?

>>

>

>

> --

> Erstellt mit Operas revolutionärem E-Mail-Modul: <http://www.opera.com/m2/>

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