
Subject: Re: convol

Posted by [Paul Van Delst\[1\]](#) on Mon, 05 Oct 2015 11:37:02 GMT

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On 10/04/15 05:15, Dete van Eeden wrote:

> On Sunday, October 4, 2015 at 11:05:19 AM UTC+2, Fabien wrote:

>> On 10/04/2015 10:49 AM, Dete van Eeden wrote:

>>>> > Hallo

>>>> >>>

>>>> >>> I want to use the convol function for an array and a kernel.

>>>> >>>

>>>> >>> I am not sure how the center option works? how and where do I define it?

>>>> >>>

>>>> >>> at the moment the result is not quite what it should be...

>>>> >>>

>>>> >>> Any advise?

>>>> >

>>>> > <https://xkcd.com/722/>

>>>> >

>>>> > Cheers,

>>>> >

>>>> > Fabien

>>> comics??

>>

>> This comic is a perfect illustration of the way you described your

>> problem. People here are very helpful but they have no crystal ball and

>> can't give you a better advice than "press more buttons".

>>

>> <http://www.catb.org/esr/faqs/smart-questions.html#beprecise>

>

> thanks for being an idiot

Now, now. Don't take it personally. Fabien did provide good advice with the last link (the comic did make me laugh...mostly because I've been in that position myself, pressing buttons in blind panic mode. But I digress....)

Getting back to your question, the documentation for CONVOL is pretty thorough:

<http://www.exelisvis.com/docs/CONVOL.html>

When you say you are "not sure how the center option works? how and where do I define it?" the doc in the above link should help.

To quote from the intro:

"The CENTER keyword controls the alignment of the kernel with the array and the ordering of the kernel elements. If CENTER is explicitly set to 0, convolution is performed in the strict mathematical sense; otherwise,

the kernel is centered over each data point."

Now I go back to button pressing... :o)

cheers,

paulv
