
Subject: Re: 3D convolution

Posted by [Dave Brennan](#) on Wed, 02 Dec 1998 08:00:00 GMT

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David Kastrup wrote:

> Dave Brennan <9147261b@clinmed.gla.ac.uk> writes:

>

>> Does anyone know of a simple way to conduct convolution on a 3D image

>> with a 3 x 3 x 3 convolution matrix using IDL.

>

> Why don't you just use the CONVOL function?

>

> --

> David Kastrup Phone: +49-234-700-5570

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> Institut für Neuroinformatik, Universitätsstr. 150, 44780 Bochum, Germany

I didn't realise that convol would work with three dimensional convolution matrices.

Sorry I have just converted over from Matlab 4.2!

Cheers

Dave Brennan

Subject: Re: 3D convolution

Posted by [Alex Schuster](#) on Wed, 02 Dec 1998 08:00:00 GMT

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Dave Brennan wrote:

> Does anyone know of a simple way to conduct convolution on a 3D image

> with a 3 x 3 x 3 convolution matrix using IDL.

I do! Just use the CONVOL routine:

IDL> result = convol(image, matrix)

Alex

--

Alex Schuster Wonko@weird.cologne.de

alex@pet.mpin-koeln.mpg.de

PGP Key available

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- > with a 3 x 3 x 3 convolution matrix using IDL.

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