
Subject: Re: Convolving speed issue

Posted by [pgrigis](#) on Fri, 18 Apr 2008 13:17:25 GMT

[View Forum Message](#) <> [Reply to Message](#)

rog...@googlemail.com wrote:

> Thank you again, Paolo. Your code works better and much faster than
> mine one- but unfortunately only for small matrices.

Can you specify what problems you are having with large matrices?

Do you get an IDL error, or it is just too slow for you or what?

Ciao,
Paolo

> I tried to build
> the code for the method presented here:
>
> <http://www.mathworks.com/access/helpdesk/help/techdoc/index.html?/access/helpdesk/help/techdoc/ref/conv2.html&http://www.google.com/search?q=conv2>
>
> I don't understand, why it works for small matrices and not for big
> ones. Maybe its depending on how differ the number of elements in each
> dimension of each matrix.
>
> The FFT method has also the same problem.
>
> Any other solutions or recommendations, why it won't work with medium
> matrices e.g. `a[0:35,0:59]` and `b[0:59,0:119]`
>
> Maybe with `reform(rebin...`
>
> Thanks and best regards
>
> Chris
