Subject: Re: Convolving speed issue
Posted by rogass on Fri, 18 Apr 2008 09:16:53 GMT

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