
Subject: Re: Convolving speed issue
Posted by [rogass](#) on Mon, 21 Apr 2008 18:25:49 GMT
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Dear Paolo,
yes, it isn't so much slower. I could also use fftw, which is available for matlab and also for IDL. But nevertheless, I had to convolve it directly and not in frequency domain. The problem is that the matrices could be very large (their size is changing dynamically) and there are also some iterations (nearly 200) for each convolve. So I always try to use as often as possible reform, replicate and rebin, because those are very fast for manipulating or computing arrays.

But, unfortunately I'm not able to exchange the for-to loops completely. I think, it's quite difficult to do this in the way I mentioned above.

But thanks again for answer, Paolo

Any other ideas?

Best regards

Chris
