Subject: Re: simple deconvolution
Posted by wlandsman on Tue, 22 Feb 2011 23:03:02 GMT

On Tuesday, February 22, 2011 11:49:20 AM UTC-5, chris wrote:

> Hm, you are right :) The image is not deconvolved but blurred once
> more. Thats the problem.
>

If I remember correctly, the most difficult part of iterative deconvolution algorithms is knowing when to stop the iterations.   If you iterate for too long, the noise gets amplified, and the image actually begins to look worse.   I would certainly look at the image after each iteration.

The MaximDL website (a great image processing toolkit BTW) has a nice introduction to iterative deconvolution methods.   --Wayne

  http://www.cyanogen.com/help/maximdl/Introduction_to_Deconvo lution.htm