
Subject: Fourier back to real space

Posted by [Anne\[2\]](#) on Mon, 24 Oct 2011 15:46:41 GMT

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Hi,

I have an images with periodic stripes with various orientation which I would like to find the periodicity of. I've Fourier transformed the image and found the peak in the transform (via a radial average) so I have the q value (in I assume pixels⁻¹) corresponding to my stripe periodicity. I now need to get a real space value out but I'm lost as to where the factors of 2pi etc go. Can anyone point me in the right direction? I've read the help files online but I'm still horribly confused.

Many Thanks,

Anne
