
Subject: Re: RADON/RIENMANN TRANSFORMATION

Posted by [Timm Weitkamp](#) on Wed, 16 Jun 2004 13:18:00 GMT

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Today at 01:29 -0700, Peter Julyan wrote:

> If your data is noisy then the 180-360 certainly isn't redundant. You
> just need to add it to the 0-180 data (reversed as appropriate) to use
> with RADON.

Oh, I'd say it's a lot easier than that. The THETA keyword to RADON allows you to specify the values of the angles in your sinogram, in radians. It works nicely if you stick to the instructions (RADON is a bit picky about whether parameters are given as named variables or not), and for any angular range, not only 0-180 degrees.

Have fun
Timm
