Subject: Re: Radon function Posted by sarah[2] on Thu, 08 Jan 2009 18:19:48 GMT

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On 8 Jan, 18:16, sa...@iain-sarah.co.uk wrote:

- > I'm still quite new to idl and am getting stuck trying to backproject
- > using the radon function. i've created a simple 10 x 10 matrix with
- > my 'image' in and then try to forward project and backproject using
- > the 2 lines below

>

- > proj = radon(array, rho=rho, theta=theta)
- > img = radon(array, /backproject, rho=rho, theta=theta)

>

- > the forward projection works fine but at the backprojection stage i
- > get the following error message:
- > "RADON: ARRAY, RHO, or THETA dimensions are incompatible."

>

- > can anyone tell me what dimensions rho and theta should have? looking
- > at the help file i thought that if i used the values it gave me from
- > the forward projection part it would be right but clearly not!

>

- > Any help would be much appreciated.
- > Thanks!

sorry folks - i've figured it out - i need to bacl project the projections not the original - doh!!!