
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 back project the
projections not the original - doh!!!
