
Subject: Radon function

Posted by [sarah\[2\]](#) on Thu, 08 Jan 2009 18:16:14 GMT

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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!
