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Subject: medical image reconstruction

Posted by [Dete van Eeden](#) on Tue, 15 Sep 2015 12:15:14 GMT

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Hallo

I am desperately looking for a IDL code to perform FBP of an image by using profile data.

I have written my own code but its just not working.

HHEELLLP

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Subject: Re: medical image reconstruction

Posted by [Helder Marchetto](#) on Tue, 15 Sep 2015 12:29:52 GMT

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On Tuesday, September 15, 2015 at 2:15:20 PM UTC+2, Dete van Eeden wrote:

> Hallo

>

> I am desperately looking for a IDL code to perform FBP of an image by using profile data.

>

> I have written my own code but its just not working.

>

> HHEELLLP

Hi, not my thing, but did you look at:

d\_reconstr.pro

It's in your examples/demo/demosrc/ folder.

It seems to be offering what you need. But as I said, FBP is not my bread 'n butter.

Good luck, h

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Subject: Re: medical image reconstruction

Posted by [zanderman.grier](#) on Tue, 15 Sep 2015 12:31:52 GMT

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On Tuesday, September 15, 2015 at 8:15:20 AM UTC-4, Dete van Eeden wrote:

> Hallo

>

> I am desperately looking for a IDL code to perform FBP of an image by using profile data.

>

> I have written my own code but its just not working.

>

> HHEELLLP

Have you looked at Mark Rivers' discussion of filtered backprojection?

It includes a step-by-step discussion of the technique with IDL examples.  
Here's the link:  
<http://www.mcs.anl.gov/research/projects/X-ray-cmt/rivers/tutorial.html>

TTFN,

David

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Subject: Re: medical image reconstruction  
Posted by [Dete van Eeden](#) on Tue, 15 Sep 2015 12:36:01 GMT  
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On Tuesday, September 15, 2015 at 2:29:55 PM UTC+2, Helder wrote:  
> On Tuesday, September 15, 2015 at 2:15:20 PM UTC+2, Dete van Eeden wrote:  
>> Hallo  
>>  
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> It's in your examples/demo/demosrc/ folder.  
> It seems to be offering what you need. But as I said, FBP is not my bread 'n butter.  
> Good luck, h

Hi,yes I looked at it... But its not helping much

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Subject: Re: medical image reconstruction  
Posted by [Dete van Eeden](#) on Tue, 15 Sep 2015 12:40:21 GMT  
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On Tuesday, September 15, 2015 at 2:31:55 PM UTC+2, zanderm...@gmail.com wrote:  
> On Tuesday, September 15, 2015 at 8:15:20 AM UTC-4, Dete van Eeden wrote:  
>> Hallo  
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> Here's the link:  
> <http://www.mcs.anl.gov/research/projects/X-ray-cmt/rivers/tutorial.html>  
>  
> TTFN,  
>  
> David

Thanks I looked at the link but it seems like they use images to do back projection. I have profiles

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