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

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
- 1 IGH
- > 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

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/tu torial.html

TTFN,

David

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

>>

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

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

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- > 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

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

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

>>

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

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

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- > Here's the link:
- http://www.mcs.anl.gov/research/projects/X-ray-cmt/rivers/tu torial.html

>

> TTFN,

> David

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