
Subject: Re: Correction: Re: IDL & Tomography
Posted by [Ale](#) on Sun, 05 May 2002 21:44:39 GMT

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interesting page ! thanks for your help. Do you know anyone who is developing reconstruction for cone beam geometry? In our lab we have microtomography with cone-beam .
<http://bofi87.df.unibo.it> and <http://webdida1.csr.unibo.it/pasini/tomografia>

Thanks a lot
Alessandro

"Mark Rivers" <rivers@cars.uchicago.edu> ha scritto nel messaggio
news:el2z8.32\$t4.1978@news.uchicago.edu...

>

> Mark Rivers <rivers@cars.uchicago.edu> wrote in message

> news:nh2z8.31\$t4.2109@news.uchicago.edu...

>

>> The reconstruction code is for parallel beam CT, not fan beam or cone
> beam.

>> As an indicator of the speed, the time to reconstruct a 650x515 slice
with

>> 720 projections is about 1.25 seconds.

>

> That should read 650 pixel slice with 720 projections is 1.25 seconds.
The

> time to reconstruct all 515 slices is $515 \times 1.25 \sim 11$ minutes. This is on a
> dual 750 MHz Pentium system.

>

> Cheers,

> Mark Rivers

>

>
