
Subject: Re: 3D thinning algorithm

Posted by [Dick Jackson](#) on Fri, 16 Jul 2004 05:30:09 GMT

[View Forum Message](#) <> [Reply to Message](#)

Hi Stefan,

"Stefan Tuchschrnid" <stef@netpictures.ch> wrote in message
news:f751bd3f.0407150954.17d6778a@posting.google.com...

> I'm looking for a 3D thinning algorithm written in IDL, similar to the
> THIN function for 2D images. The application is to find the centerline
> of the coronary vessels from the segmented volume.

>

> Any pointers highly appreciated!

> Stefan

I haven't used it myself, but it looks to me like the function
MORPH_THIN is just what you're looking for. I found further info on the
topic with a Google search for [morphological thinning], including this
nice page:

<http://homepages.inf.ed.ac.uk/rbf/HIPR2/thin.htm>

Good luck!

Cheers,

--

-Dick

Dick Jackson / dick@d-jackson.com

D-Jackson Software Consulting / <http://www.d-jackson.com>

Calgary, Alberta, Canada / +1-403-242-7398 / Fax: 241-7392
