Subject: Re: Thinning problems...
Posted by David Fanning on Tue, 12 Aug 2008 22:15:49 GMT

David Sheerin writes:

> My problem might have something in common with the last post but I have an
> array of floats (actually the result of bandpass filtering an image) and am
> left with a landscape of blobs with local maxima. What I would like is to
> obtain the coordinates of these maxima. I have tried using "THIN" with but
> this sometimes generates lines rather than fixed points. How do I go about
> trying to the reduce these lines to one point? I have tried using "/PRUNE"
> but this just reduces the line to one of the end points rather that the
> middle one. Thanks for any suggestions...

I usually just find the blobs with LABEL_REGION, then one-by-one
find the center of mass of the blob. Or, if you prefer, you
can find the boundary around the blob and other useful information:

   http://www.dfanning.com/ip_tips/boundary.html

Cheers,

David
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Sepore ma de ni thui. ("Perhaps thou speakest truth.")