
Subject: Re: Following a ridgeline

Posted by [Jean H.](#) on Tue, 17 Jun 2008 17:14:31 GMT

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Jelle wrote:

>

- > How about finding the maximum pixelvalue in the image, and then
- > looking at the slope to a 4 pixel (or 6; 9) mean value for all the
- > points at a specific distance (e.g., 30 pixels) away? Select the
- > location with the lowest slope (Or maximum mean) and continue from
- > there.
- > Jelle

Hum... an edge is not necessarily the lowest slope...

What about edge detection filters? ... the Canny edge detector seems to be fairly good (I haven't used it myself though)

http://en.wikipedia.org/wiki/Canny_edge_detector

<http://www.isprs.org/istanbul2004/comm3/papers/376.pdf> fig 6A

Jean
