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Subject: Re: Following a ridgeline

Posted by [RJA](#) on Tue, 17 Jun 2008 09:20:26 GMT

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On 16 Jun, 20:24, "mzagu...@gmail.com" <mzagu...@gmail.com> wrote:

> Hi,

>

> I've got a 2d map (let's say it's a contour map of a mountain). I

> need to be able to 'detect' and 'follow' the ridgeline across the

> whole mountain (which does about a 180 degree turn as well, it's U

> shaped). Anyone know any way to accomplish this?

>

> So far, i've attempted to start at the maximum point, and then look

> for surrounding points that minimizes the downward slope, this

> process, however, creates switchbacks at peaks and doesnt follow the

> peak down along a ridge. Any ideas?

>

> Thanks!

Have you tried to find the medial axis? The thin() function calculates this for you.

Cheers, Richard.

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