
Subject: Re: perimeter of a blob
Posted by [Ben Tupper](#) on Thu, 27 Jan 2000 08:00:00 GMT
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Thanks to each of you for your help.

I have tried the convolution and contouring methods suggested by Richard and David respectively. I used a black (0) and white (255) image of the capital letter G (hand drawn.)

The convolution exactly defines the inclusive perimeter of the blob. I haven't figured out how to sort the indicies into a clockwise (or counter clockwise order yet... but I haven't tried either.)

The contour method misses the exact inclusive perimeter whenever an inside corner is encountered (i.e. concavity.) It cuts diagonally across these inside corners a result. The loss is nearly insignificant in this case, but I recall have difficulty comparing polygon perimeter estimates made in IDL with those made on the same data in ARC/INFO.

Each method works for my current purposes.

Thanks again!

Ben

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