
Subject: find contoure

Posted by [Thomas Gutzler](#) on Fri, 14 Feb 2003 02:34:41 GMT

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Hi,

has somebody written (or knows where to find) an algorithm that finds contours of a greyscaled image following this rules:

input: a starting-point (low brightness)

follow the contour assuming that the image is bright and the contour is dark by proceding to the darkest pixel of all pixels having radius r ($r=5..10$ would probably be a nice value).

I think of multiplying the image with a kernel (size $2*r \times 2*r$)

containing a circle of '1's to get the brightnessvalues.

Furthermore there must be a threshhold that stops the algorithm, if the brightnessvalues get to high.

output: gathered points

I do not need a closed 'circle' like that being produced by davids
`find_boundary` - unfortunately :)

thx,
Tom
