
Subject: Segmentation

Posted by [jun](#) on Tue, 14 Jun 1994 21:17:45 GMT

[View Forum Message](#) <> [Reply to Message](#)

Does anyone know if there is some kind of segmentation program written in IDL?
Eg. Bayes test, Quadtree, and etc.

Thanks.

jun@eureka.columbia.edu

Subject: Re: segmentation

Posted by [Jens Gayko](#) on Wed, 06 Jan 1999 08:00:00 GMT

[View Forum Message](#) <> [Reply to Message](#)

Hi Jonas

"Jonas" <jonas_2@hotmail.com> writes:

>

> Hi y'all

> I'd like to perform some segmetation in an image. Have someone written a

> nice procedure (I know you have) for segmentation of a structure

> superimposed on a background with varying intensity.

This is a hard problem in computer-vision sciences. This is perhaps
the reason why nobody can give you an satisfying answer.

If you have an unstructured background you can use threshold-operations
on the (maybe filtered) image. If you have structured background you
have to use additional information (e.g. texture-based features,
motion, colour-features,...).

greetings - Jens

Subject: Re: segmentation

Posted by [L. Charles Burgwardt](#) on Mon, 18 Jan 1999 08:00:00 GMT

[View Forum Message](#) <> [Reply to Message](#)

I just used the LABEL_REGION function included in IDL with good success. My
background had some variation in brightness but was distinctly differencnt in
the image histogram, so thresholding was easy. If you can get good
thresholding, label_region may work for you. Read the help page on the
function.

Charlie Burgwardt

Jonas wrote:

- > Hi y'all
 - > I'd like to perform some segmentation in an image. Have someone written a
 - > nice procedure (I know you have) for segmentation of a structure
 - > superimposed on a background with varying intensity.
 - >
 - > greetings
 - > Jonas
-