
Subject: Re: Edge Detection And Segmentation Using Khoros And PV-WAVE Software

Posted by [bdavis](#) on Wed, 27 Jan 1993 20:21:36 GMT

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

In article <ANADEEM.93Jan27011926@ampere.comp.graphics.research>

anadeem@ampere.comp.graphics.research (Ahmed Nadeem) writes:

> Netters,

> I am currently working on a research project that involves generating
> solid or geometric models from MRI images. Part of the procedure will require
> me to possibly perform Thresholding & Edge Detection on my MRI images in order
> to find out which pixels lie on boundaries between two different regions.

> Thus, I would like to have an Image Processing Software package that has good
> Edge Detection and Classification (Segmentation) modules/routines.

> I have heard a lot about Khoros (University Of New Mexico) and
> PV-WAVE (Precision Visuals) and was curious if other professionals or students
> had any experience on how good they are for the above purposes. Suggestions
> on other software packages are also much welcome.

> Thanks,

> Ahmed Nadeem

I haven't done much edge detection, but IDL did some of what I needed.

The NIH (National Institute of Health) has an excellent, free visualization software product for the Macintosh. It is used for looking for nasty things on X-rays, etc., measuring them, and so forth. The documentation is good. The best place to get NIH Image is zippy.nimh.nih.gov [128.231.98.32].

Bill Davis | INTERNet: bdavis@pppl.gov
PPPL; P.O. Box 451 | BITnet: bdavis%pppl.gov@cunyvm
Princeton University | else, bdavis@phoenix.princeton.edu
Princeton, NJ 08543 | Phone: (609)-243-2546 FTS: 340-2546
