Subject: Re: Edge detection for saturn's rings Posted by ben.bighair on Tue, 15 Jul 2008 01:06:18 GMT

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On Jul 14, 8:52 pm, David Fanning <n...@dfanning.com> wrote:

- > frankosuna writes:
- >> I've been trying to use some of the built in edge detection routines
- >> implemented in idl such as sobel but I haven't found a very good one
- >> that will work for images such as this:

>

>> http://frankosuna.googlepages.com/supportImage.jpg

- >> I am trying to pull out all of the rings in this image and the best I
- >> have gotten is this:

>> http://frankosuna.googlepages.com/edgeDetect.jpg

>> Any suggestions and opinions are welcome.

- > Wow. You have admirably high expectations! I would've
- > been thrilled with those results. :-)

Me, too! But, Frank, the images are two different sizes - is the color one really the source for the edge image? If so, how did you convert to greyscale? Did you do any steps other than Sobel?

CHeers, Ben