
Subject: Re: Edge detection for saturn's rings
Posted by [frankosuna](#) on Tue, 15 Jul 2008 01:41:31 GMT
[View Forum Message](#) <> [Reply to Message](#)

Actually no, that is not the original image. I just did a quick print screen to show you guys what it was. The original image is a 1024x1024 as is the edge detected. This is the following code that I have:

```
LOADCT, 0
mydevice = !D.NAME

SET_PLOT, 'Z'

ERASE

DEVICE, SET_RESOLUTION=[1024,1024]

.....
;          SOBEL CODE
.....
filteredImage = SOBEL(img)
filteredImage=ROTATE(filteredImage, 7)

filteredImage = SMOOTH(filteredImage,.001)
tvsc1, congrid(filteredImage, 1024, 1024)

image = TVRead(Filename='edgeDetect',/NODIALOG,/BMP)

image = READ_BMP('/home/users/fjosuna/NASA/CASVU_ISS/
edgeDetect.bmp')
OPENW, lun, 'edgeDetect.dat', /GET_LUN
WRITEU, lun, image
FREE_LUN, lun
ERASE

SET_PLOT, mydevice
```
