
Subject: Re: Division of two images

Posted by [David Fanning](#) on Fri, 08 Feb 2002 13:19:34 GMT

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Carsten Liess (carsten@rad.uni-kiel.de) writes:

> I am a complete newbie to IDL, and here's probably a very easy
> question for you guys;
> I am trying to divide one image by another (i.e. pixel by pixel),
> where the pixel intensity is quite similar in both pictures. I then
> want to create a third image as the result of the division.
> I read in the two images and define a fltarr for the division. The
> result I get is an image with either 0.00000 or 1.00000 intensity. For
> some reason it seems that the result of the division is an integer
> number. Can someone help?

Cast one of your arrays to FLOAT before you do
the division, otherwise you will be doing integer
division:

```
result = FLOAT(image1) / image2
```

Cheers,

David

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