
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 thrid 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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Coyote's Guide to IDL Programming: <http://www.dfanning.com/>
Toll-Free IDL Book Orders: 1-888-461-0155

Subject: Re: Division of two images
Posted by [Mark Hadfield](#) on Sun, 10 Feb 2002 21:23:01 GMT
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"David Fanning" <david@dfanning.com> wrote in message
news:MPG.16cd7e552b68a769897f6@news.frii.com...

> Cast one of your arrays to FLOAT before you do
> the division, otherwise you will be doing integer
> division:
>
> result = FLOAT(image1) / image2

Yo, David, what's this "cast" stuff? You've been reading books about C
programming in bed again, haven't you?

Mark Hadfield
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