
Subject: Re: divide by zero problems

Posted by [davidf](#) on Tue, 11 May 1999 07:00:00 GMT

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Mark Rehbein (mrehbein@aims.gov.au) writes:

> I'm having problems with floating point divide by zero's. The
> application I'm using IDL for is image composition and masking.
> Now to composite or average the images I do the following:
>
> composite=sum image/ sum mask.
>
> sometimes my images are very cloudy and as such my "sum mask" has zero's
> in it and likewise for my "sum image". So I get divide by zero's and
> NaN's in my resultant composite image. In fact I get whole image of
> NaN's in my composite even though my sum image and sum mask have decent
> values in them.

Usually, something like this works:

```
composite = sum_image / (sum_mask > 10E-6)
```

Cheers,

David

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