
Subject: Re: divide by zero problems
Posted by [korpela](#) on Tue, 11 May 1999 07:00:00 GMT
[View Forum Message](#) <> [Reply to Message](#)

In article <3737C79C.372FA82E@aims.gov.au>,
Mark Rehbein <mrehbein@aims.gov.au> wrote:
> 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.

Rather than using 0 in the mask image you could use a small non-zero value
like 1e-6.

Another option is after the division you can set the NaN values to another
value. The following statement will set NaN pixels in an image to 0.

```
image(where(image ne image))=0
```

Eric

--

Eric Korpela | An object at rest can never be
korpela@ssl.berkeley.edu | stopped.
<<http://setiathome.ssl.berkeley.edu/~korpela>>Click for home page.
