
Subject: Re: RMS of background
Posted by [Jean H.](#) on Fri, 29 Sep 2006 17:40:58 GMT
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adisn123@yahoo.com wrote:

- > I have a sky background image and want to find what rms of the
- > background is.
- > Do I want to
- > 1) square all pixel values of each point in the 2d image
- > 2) add them and divide by the total number of points
- > 3) take a square root of that?
- >

you should read the help file about arrays...

```
square = image^2
total = total(square)
nbPixels = n_elements(image)
sqrt = sqrt(float(total) / nbPixels)
```

Jean H.

Subject: Re: RMS of background
Posted by [Jean H.](#) on Fri, 29 Sep 2006 17:41:29 GMT
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- > square = image ^ 2
-

Subject: Re: RMS of background
Posted by [greg michael](#) on Fri, 29 Sep 2006 17:42:29 GMT
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How do you know you want to find the rms? Otherwise, sounds fine to me.

adisn123@yahoo.com wrote:

- > I have a sky background image and want to find what rms of the
 - > background is.
 - > Do I want to
 - > 1) square all pixel values of each point in the 2d image
 - > 2) add them and divide by the total number of points
 - > 3) take a square root of that?
-

Subject: Re: RMS of background

Posted by [adisn123](#) on Fri, 29 Sep 2006 18:08:42 GMT

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Thanks to all.
