Subject: Re: STANDARD DEVIATON
Posted by Struan Gray on Tue, 01 Aug 2000 07:00:00 GMT
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Oops. I need more (or less) coffee:

```
> function imageSD, image
>
>    localmean = smooth(float(image), 3, /edge_truncate)
>    localsd = sqrt((float(image)-temporary(localmean))^^2)
>    localsd = smooth(temporary(localsd), 3, /edge_truncate)
>
>    return, localsd
>
> end
```

Naturally, you should take the local average *before*
the square root.

```
function imageSD, image

  localmean = smooth(float(image), 3, /edge_truncate)
  localsd = (float(image)-temporary(localmean))^^2
  localsd = smooth(temporary(localsd), 3, /edge_truncate)
  localsd = sqrt(temporary(localsd))

  return, localsd

end
```

Struan