
Subject: Re: Image proceesing in IDL

Posted by [Vince Hradil](#) on Fri, 13 Jun 2008 17:44:35 GMT

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On Jun 13, 12:28 pm, arun <mailto:sa...@gmail.com> wrote:

```
> Hi,  
> I have a tiff image of the dimesion 3000 x 3000 which is actually a  
> gray scale image.I want to calculate the amount of soil,water and air  
> present in the image.I tried using histogram to apply threshold but  
> its not working fine.Can anyone suggest me how to do it.I am an  
> invoice so any help would be appreciated.Below is the code which i  
> have used.  
>  
> nPixels = n_elements(rotatelm)g)  
>  
> soilSubscripts = where(rotatelm)g ge 24000and rotatelm)g lt 30000,  
> nSoilPixels)  
>  
> percentSoil = float(nSoilPixels) / nPixels  
>  
> waterSubscripts = where(rotatelm)g ge 18000 and rotatelm)g lt 23000,  
> nWaterPixels)  
>  
> percentWater = float(nWaterPixels) / nPixels  
>  
> PRINT, percentSoil  
> PRINT, percentWater  
>  
> With Regards  
> Arun
```

Looks fine to me - what does 'its not working fine.' mean, exactly?

Subject: Re: Image proceesing in IDL

Posted by [David Fanning](#) on Fri, 13 Jun 2008 17:49:39 GMT

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arun writes:

```
> I am an invoice ...
```

Darn. If you were a check, it would be easier. :-(

What exactly seems to be going wrong here? Why do you think it is "not working"?

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: Image proceesing in IDL

Posted by [Haje Korth](#) on Fri, 13 Jun 2008 19:05:18 GMT

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David,

he probably meant novice, so I don't think there is money in this for you.

:-)

Haje

"David Fanning" <news@dfanning.com> wrote in message
news:MPG.22bc6119510b49aa98a3ac@news.frii.com...

> arun writes:

>

>> I am an invoice ...

>

> Darn. If you were a check, it would be easier. :-(

>

> What exactly seems to be going wrong here? Why do
> you think it is "not working"?

>

> Cheers,

>

> David

>

> --

> David Fanning, Ph.D.

> Fanning Software Consulting, Inc.

> Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

> Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: Image proceesing in IDL

Posted by [enod](#) on Fri, 13 Jun 2008 23:59:47 GMT

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On Jun 14, 1:28 am, arun <mailto:sa...@gmail.com> wrote:

```
> Hi,  
> I have a tiff image of the dimesion 3000 x 3000 which is actually a  
> gray scale image.I want to calculate the amount of soil,water and air  
> present in the image.I tried using histogram to apply threshold but  
> its not working fine.Can anyone suggest me how to do it.I am an  
> invoice so any help would be appreciated.Below is the code which i  
> have used.  
>  
> nPixels = n_elements(rotatelm)g)  
>  
    soilSubscripts = where(rotatelm)g ge 24000and rotatelm)g lt 30000,  
                        ~~syntax error?  
> nSoilPixels)  
>  
> percentSoil = float(nSoilPixels) / nPixels  
>  
> waterSubscripts = where(rotatelm)g ge 18000 and rotatelm)g lt 23000,  
> nWaterPixels)  
>  
> percentWater = float(nWaterPixels) / nPixels  
>  
> PRINT, percentSoil  
> PRINT, percentWater  
>  
> With Regards  
> Arun
```

Subject: Re: Image proceesing in IDL

Posted by [arun](#) on Mon, 16 Jun 2008 18:07:08 GMT

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Hi Vince,

The histogram contains 2 peaks of the same size.SO the result has to be 50% each.But the output is as follows.....

Soil Percent = 0.140934

Water percent = 0.140398

I want to know is there any method to calculate themfrom histogram

Thanks & Regards

Arun
