Subject: Re: Image proceesing in IDL Posted by Vince Hradil on Fri, 13 Jun 2008 17:44:35 GMT View Forum Message <> Reply to Message

On Jun 13, 12:28 pm, arun <mailtosa...@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(rotateImg) > > > soilSubscripts = where(rotateImg ge 24000and rotateImg It 30000, nSoilPixels) > percentSoil = float(nSoilPixels) / nPixels > > waterSubscripts = where(rotateImg ge 18000 and rotateImg 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 proceeding in IDL Posted by David Fanning on Fri, 13 Jun 2008 17:49:39 GMT View Forum Message <> Reply to Message

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 proceeding in IDL Posted by Haje Korth on Fri, 13 Jun 2008 19:05:18 GMT View Forum Message <> Reply to Message

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 <mailtosa...@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(rotateImg)
>
>
  soilSubscripts = where(rotateImg ge 24000and rotateImg lt 30000,
                           ~~syntax error?
 nSoilPixels)
>
>
    percentSoil = float(nSoilPixels) / nPixels
>
>
    waterSubscripts = where(rotateImg ge 18000 and rotateImg 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