
Subject: Re: color pixel by index

Posted by rpertaub@gmail.com on Mon, 24 Sep 2007 20:41:22 GMT

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On Sep 24, 4:09 pm, David Fanning <da...@dfanning.com> wrote:

> rpert...@gmail.com writes:

>> i think this is a fairly easy problem to which i dunno the answer.

>> Here goes:

>

>> I have 3 images, and used where function 3 times to find 3 specific characterizations.

>> mask1=where(image ge thresh1)

>> mask2=where(image2 ge thresh2)

>> mask 3=where(image3 ge thresh3)

>

>> Now I have 3 sets of indices of pixels of my interest.

>

>> I want to use image 4 and color pixels indices 1 red, indices 2= blue,

>> indices 3=green.

>

>> image[indices1]=red

>> image[indices2]=blue

>> image[indices3]=green

>

>> How do I do that?

>

> I would do it like this, since you may want to

> see the overlap in the indices:

>

> s = Size(image, /Dimensions)

> nelem = N_Elements(image)

> image4 = BytArr(s[0], s[1], 3)

> image4[mask1] = 255B

> image4[mask3 + nelem] = 255B

> image4[mask2 + (nelem*2)] = 255B

> TV, image4, True=3

>

> This presumes all three image used to construct the masks

> are the same size.

>

> Cheers,

>

> David

> --

> David Fanning, Ph.D.

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

Thanks so much!

However, this seems to combine the 3 masks onto one. I am trying to use the 3 masks combined onto a 4th image which ...

i am essentially taking monochromator images at R,G,B and then color image, and want to false color my image using the 3 masks...not sure if I am making sense
