
Subject: Re: need help

Posted by [Peter Mason](#) on Sun, 12 Mar 2000 08:00:00 GMT

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Hi Hamid,

I've used class "lookup" etc in a different context (sticking classification info on a byte image I created myself) -I haven't actually used "class_doit". But from what I know your code looks okay. One thing you didn't show though - "num_classes". In your case this should be 6. (Might seem obvious, but you have to include the "unclassified" class here.)

I also used it on a 24-bit-colour machine, although I can't see that making any difference considering the colours you're specifying. Perhaps try changing the result image to straight byte and checking that its values are 0..5?

I hope this is of some help,

Cheers

Peter Mason

Hamid Kohen <kohen@jpl.nasa.gov> wrote:

```
> Does any one know how to use lookup command under envi programming?
>
> for an example I have used it like this ...
>
> class_names = ['Unclassified', 'Glass', 'Cell Walls', 'Nuclei',
> 'Cytoplasm', 'Stroma Blood Vessel']
> lookup      = [[0,0,0], [255,255,255],
> [0,0,255],[255,0,0],[0,255,0],[0,125,125]]
>
> ;run the classification
> envi_check_save, /classification
> class_doit, fid=fid, pos=pos, dims=dims, out_name=kmeans_out_name, $
>   method=7, r_fid=c_fid, mean=mean, $
>   out_bname="Kohonen Classifier", iterations=1, change_thresh=0.1, $
>   num_classes=num_classes, lookup=lookup, stdv=stdv, in_memory=0, $
>   class_names=class_names, Thresh = ((total(mean)) / nbands) * 1.968
>
> however when I run the program ... classes are colored differently..
> Does anyone know how to use lookup properly ..
```

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