
Subject: Re: Homogeneity of an area

Posted by [Martin Downing](#) on Mon, 05 Nov 2001 10:16:12 GMT

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Hi Moritz,

I guess it depend on *how* homogenous you want it to be. If you want *exact* then

```
IF min(array) EQ max(array) THEN print, "homogenous"
```

where array is the values of the area pixels: e.g. image[indices], or
image[x0:x1,y0:y1]

Otherwise you could test if its variance, skewness etc were sufficiently low

```
IF variance(array) LT THRESHOLD THEN .....
```

martin

"Moritz von Schwedler" <mschwedler@gmx.de> wrote in message
news:9s5fo0\$10rj0j\$1@ID-112900.news.dfncis.de...

> Hello!

>

> How can I test wether an area is homgeneous or not? I am using IDL 5.2.

>

> thanks,

> Moritz

>

>
