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Subject: CALCUATING FRACTION OF A REGION WITHIN AN IMAGE

Posted by [Mark Chan](#) on Wed, 20 Dec 2000 20:17:51 GMT

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Given:

An image consisting of two rock types. Rock type 1 is fragmented, dispersed irregularly and embedded within rock type 2. Type 1 is generally dark brown but not of unique color, type 2 color varies between black or dark brown in color.

Want:

The fraction of type 1 as a percentage of total image.

Questions:

- 1) Any suggestion on the easiest way to do such computation?
- 2) Will some sort of image pre-processing help get the job done easier?
- 3) Any routine/program in existence I can utilize?

Thanks in advance,  
Mark Chan

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