

---

Subject: Re: any suggestion about merging small regions

Posted by [Ted Cary](#) on Thu, 09 May 2002 15:29:33 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

"Xiaoying Jin" <xje4e@mizzou.edu> wrote in message  
news:abacij\$lg\$1@dipsy.missouri.edu...

>  
> But now here is the problem: Even if the gray levels of the regions are  
> fairly uniform,  
> there are a lot of holes in a big region assigned to other different  
> regions. So if I try to  
> find edges between different regions, the output will get complicated.  
> To solve this problem, I want to merge regions with small area into the  
> adjacent regions.  
>

MORPH\_CLOSE did not work for this? Out of curiosity, did you apply it to  
your original image or to the bi-level region mask?

You might try to SMOOTH the image, or you can reduce the colors in it. You  
mentioned this is an unsigned integer image; that's a lot of gray levels, do  
you need them all? If the regions are truly almost uniform in gray level,  
reducing the number of grays might get rid of the noise.

TC

---