
Subject: Re: filtering problem

Posted by [Jaco van Gorkom](#) on Tue, 21 Nov 2000 08:00:00 GMT

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"Dave Brennan" <9147261b@clinmed.gla.ac.uk> wrote in message
news:3A1A445B.14A912A3@clinmed.gla.ac.uk...

...

> Although any value below the threshold should not be included in the
> statistics, pixels below the threshold should be corrected by the
algorithm.

>

> Therefore is it possible to change the code:

>

> pro thresh, a, n, t

> m = a get

> wh = where(m,cnt)

> if cnt eq 0 then return

> a[wh] = a[wh] * mean(a[wh]) * (smooth(float(m),n,/EDGE) / \$

> (smooth(a*m,n,/EDGE)+1.e-30))[wh]

> end

>

> to allow this.

If I understand you correctly, you want to correct the below-threshold
pixels by the factor calculated from the valid pixels surrounding it.
Couldn't you just leave out some of the specific subscripting [wh] in the
final assignment?

```
a = a * mean(a[wh]) * (smooth(float(m),n,/EDGE) / $  
  (smooth(a*m,n,/EDGE)+1.e-30))
```

Correct me if I'm wrong here...

Jaco

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