
Subject: Re: blurring and deblurring for effect
Posted by [K. Bowman](#) on Wed, 23 Feb 2005 21:09:05 GMT
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In article <1109167314.650513.117960@o13g2000cwo.googlegroups.com>,
"Rob" <robert.dimeo@nist.gov> wrote:

> David,
>
> The problem is that the smoothed image shows some strange colors.
> Since the image that I'm using is "more or less" a blue-white color
> scheme, I ditched the image colors (converted my image to gray-scale),
> loaded in color table 1, then performed the smoothing operation. This
> resulted in the look that I wanted. Unfortunately I don't know how to
> accomplish this for the general case for an image with its *own* colors
> like my PNG image.

Apologies if this shows up twice.

This seems to work pretty well for me to blur a truecolor image:

```
infile = '~/Pictures/dave_index.jpg'  
READ_JPEG, infile, image  
TV, image, TRUE = 1  
cr = "  
READ, cr, PROMPT = 'Enter <cr> to continue ...'  
image = SMOOTH(image, [1, 20, 20], /EDGE)  
TV, image, TRUE = 1
```

The sample image I used is

http://www.dfanning.com/images/dave_index.jpg

After blurring David looks much like he did at the end of the last IDL
Expert Programmers Associate meeting.

Ken Bowman
