Subject: Re: overplotting lines over images
Posted by Christian Soeller on Thu, 14 Nov 1996 08:00:00 GMT

Mirko Vukovic <mirko.vukovic@grc.varian.com> writes:

> I want to overplot lines over an image. The way I'd like it is to OR
> it, in the sense that the line is dark over light parts and light over
> dark parts. Thought that I've seen that written or mentioned somewhere,
> but cannot find anything in the manual.

one possibility: to draw a line from [x1,y1] to [x2,y2] get the x and y
indices which that line segment would cover in your image, e.g. using
linepts from the jhu library. Now modify all the pixel values in a copy of
your original image to do what you want and display it:

```
cpy = image                    ; make copy
linepts, x1, y1, x2, y2, jx, jy   ; get pixel indices of line segment
cpy(jx,jy) = max(image)-image(jx,jy)  ; invert pixels along that line
tvscl cpy                      ; and display
```

Hope this helps,

  Christian

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