
Subject: Line index

Posted by [Hermann Mannstein](#) on Fri, 15 Mar 1996 08:00:00 GMT

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Hello,

is there a robust function which returns the indices within an image

(like the where function)

belonging to a line defined by two or more points. A short and dirty, but slow solution, which is not applicable in batch procedures would be:

```
function LINE_INDEX1,ix,iy,points,count
o_device = !D.NAME
set_plot,'x'
window,1,/pixmap,xsize=ix,ysize=iy,colors=256
plots,points(*,0),points(*,1),/dev,/noclip
im = tvrd()
i = where(im,count)
set_plot,o_device
return,i
end
```

but I need something faster and I'm shure that somebody has already written it.

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Regards,

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