

---

keyword;Trouble with OPLOT

Posted by [Jeremy Bailin](#) on Fri, 29 Jul 2011 14:18:46 GMT

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

---

partvelvec definitely expects data coordinates. For example:

```
; define data coordinates for arrows
xarrow = rebin(0.5 + findgen(10), 10, 10, /sample)
yarrow = rebin(0.5 + findgen(1,10), 10, 10, /sample)
; define vectors
grad_intensity_x = randomn(seed, 10, 10)
grad_intensity_y = randomn(seed, 10, 10)

; draw a background image with axes
cgimage, dist(10), /scale, /axes
; put on the vector field
partvelvec, grad_intensity_x, grad_intensity_y, xarrow, yarrow, /over
```

-Jeremy.

---