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Subject: Re: vectors with same length

Posted by [Chris\[6\]](#) on Mon, 28 Jul 2008 21:53:33 GMT

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On Jul 28, 11:31 am, knielse...@gmail.com wrote:

> Hi,

>

> I am using velovect to create a vector plot. I would like for all the  
> vectors to have the same length instead of the length representing  
> amplitude. Is there are quick way to do this using velovect, or do I  
> have to modify velovect?

>

> Thanks,

> Kim

Wouldn't it be easy to divide your data by their lengths, so that they  
all have length one?

velovect,  $u/\sqrt{u^2+v^2}$ ,  $v/\sqrt{u^2+v^2}$ , x, y

chris

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