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Subject: Re: Vector representation of data.

Posted by [Phillip Bitzer](#) on Fri, 29 Mar 2013 23:38:01 GMT

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Building off Chris's advice...

Assuming (y0,x0) is the "low point", then something like

ang = ATAN(y-y0, x-x0)

partvelvec, z\*COS(ang), z\*SIN(ang), x, y

should do the trick. This uses partvelvec from the astro library,  
<http://idlastro.gsfc.nasa.gov/ftp/pro/plot/partvelvec.pro>

You'll have to be careful with which way the vector points, if that's important.

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