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Subject: Slope of a graph

Posted by [d.poreh](#) on Sat, 02 May 2009 05:54:24 GMT

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Folks

I have an elevation distance plot (elevation-distance) in 2D and I want to calculate slope of this graph. For instance:

```
DL> x=findgen(100)
```

```
IDL> y=exp(-x)
```

I need to calculate the slope of this graph in 100 points (corresponding to x). I tested DERIV function but seem shows incorrect results! In our example for low x we have high slope and for high x slopes are decreasing.

Any help highly will be appreciated.

Cheers

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