
Subject: Derivatives

Posted by [fd_luni](#) on Tue, 19 Nov 2013 10:20:40 GMT

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Hi

I want to use the simple differentiation formula instead of DERIV function(3-point, Lagrangian interpolation):

Derivative=change in y/change in x

I wrote my code like this but my results are absolutely wrong and I don't see where my mistake is.

```
derivative= (A[1:]-A)/(t[1:]-t)
derivative=[0,derivative]
```

I did the last step i.e. derivative=[0,derivative] because I need an array[2001,1] instead of array[2000,1].

Many Thanks
Mar
