
Subject: Problem with DERIV

Posted by [hfr](#) on Fri, 20 Sep 1996 07:00:00 GMT

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

I found a problem with the DERIV function. Try for instance

```
a=findgen(100)
b=200.*exp(-(a-50.)^2)
plot,b
c=deriv(b)
plot,c
```

Everything is o.k. But now change b into a byte-array

```
b=byte(200.*exp(-(a-50.)^2))
c=deriv(b)
plot,c
```

This plot looks completely different because there are no negative values, even if the command

```
help,c
```

returns

```
C FLOAT = ARRAY(100)
```

Harald U. Frey
HFR@MPE-GARCHING.MPG.DE
