Additional material for Error Bars and Data Fitting

Commands

```
plot 'xydy.txt' using 1:2:3 with yerrorbars
f(x) = a * exp(-k*x)
fit f(x) 'xydy.txt' using 1:2:3 via a,k
plot f(x) lw 2 title 'fitted data', "xydy.txt" using 1:2:3 with yerrorbars pt 7 ps 1.5 notitle
set xrange [0.95:5.05]
set arrow 1 from 1.63,77200 to 1.7, 62000
set arrow 2 from 1.63,77200 to 1.4, 62000
unset arrow 1

An example for assignment commands

plot 'assignment.txt' using 1:2:3:4 with xyerrorbars
f(x) = a * exp(-k*x) + b * exp(-l*x) + c
a= 0.2
b=0.2
k=0.2
l=0.1
c=0.05
fit f(x) 'assignment.txt' using 1:2:4 via a,b,k,l,c
plot f(x) lw 2 title 'fitted data', "assignment.txt" using 1:2:3:4 with xyerrorbars pt 7 ps 1.3 notitle
```