

format short g

```
Syms t kp td tp  
V = kp * (1 - exp((t - td) / tp))  
mdata = xlsread('orderbesdata', 'data');
```

```
t1 = mdata(:, 1);  
v = mdata(:, 2);
```

```
V1 = round(mdata(900, 2), 1)  
to = ones(length(v), 1)
```

```
t = [to t1];
```

```
% [mcoeff, mcoeffint, mresid, mresidint, mcoraj]  
= regress(v, t);
```

```
% mcoeff
```

```
% rsquared value = mcoeff(1)
```

```
% plot(t, v)
```

```
% grid on
```