

Computer Engineering

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ISEM602/062

$$IT = 10^{\circ}C$$

$$ST = 20^{\circ}C$$

$$AT = 25^{\circ}C$$

$$CR = 24.9^{\circ}C$$

Time from

$$IT \text{ to } ST = 5 \text{ mins } = 300s$$

$$2 \text{ Time } (2T) = ??$$

$$\text{if from } IT \text{ to } ST = 20^{\circ}C - 10^{\circ}C = 10^{\circ}C$$

$$5^{\circ}C = \frac{1}{2} \text{ of } 5 \text{ mins}$$

$$5^{\circ}C = 2.5 \text{ mins}$$

$$25^{\circ}C = 2.5m$$

$$24.9^{\circ}C = ?$$

$$= \frac{2.5 \times 24.9}{2.5} \quad [2.5 \text{ min} = 150s = 2.5m]$$

$$= \frac{150 \times 24.9}{2.5}$$

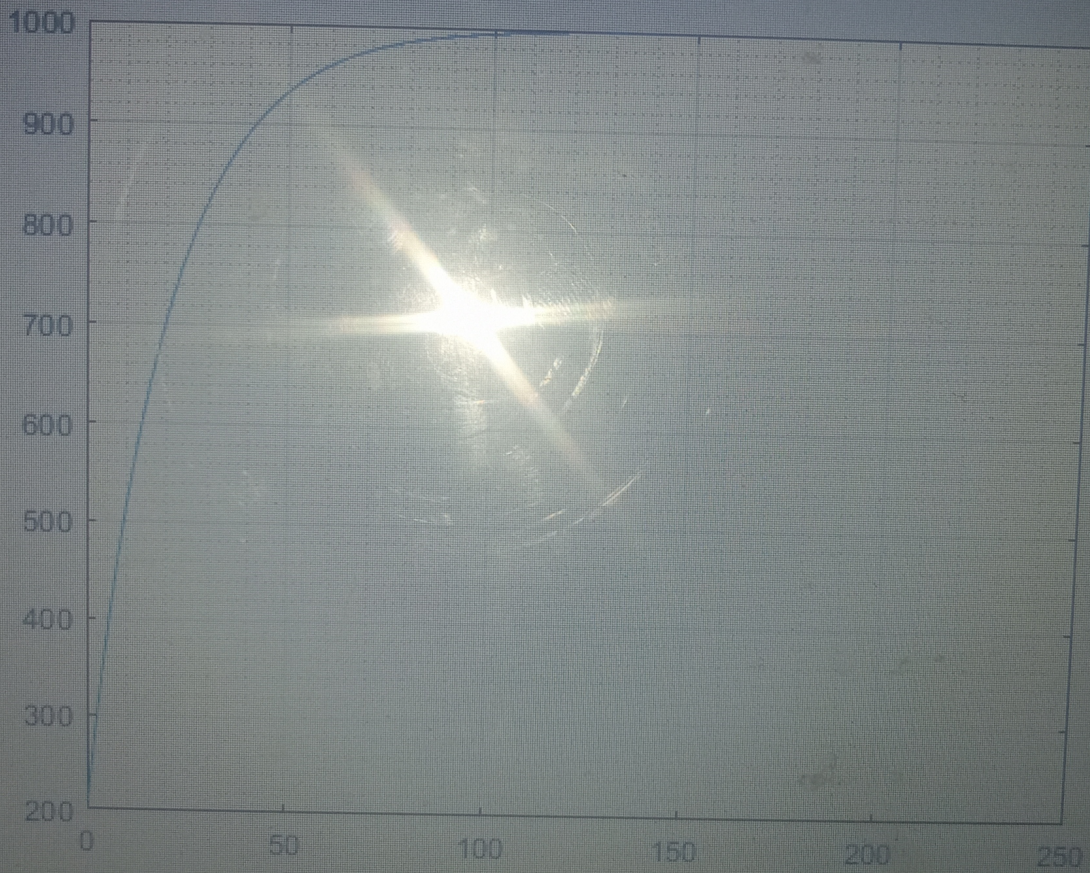
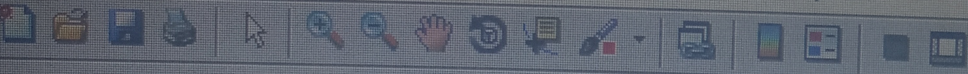
$$= 6 \times 24.9 = 149.4$$

$$\therefore 149.4 = 60$$

$$= 2.49 = 2 \text{ mins } 49s = 149s$$

Figure 1

File Edit View Insert Tools Desktop Window Help



Command

New to MATLAB? See resources for [Getting Started](#).

```
999.9934  
999.9940  
999.9946  
999.9951  
999.9956  
999.9960  
999.9964
```

bruno8.m

EDITOR PUBLISH VIEW

Insert fx fx
Comment % %
Indent

Breakpoints Run Run and Advance Run Section Advance Run and Time

EDIT BREAKPOINTS RUN

R2018a bin win64

Editor - bruno11.m Variables - kdata

ajistest_b.m ajistest_c.m ajitest_a.m bruno5.m bruno6.m bruno7.m

```
1 % NWAOCHA BRUNO NONSO COMPUTER ENGINEERING 18/ENG02/062
2 - commandwindow
3 - clear
4 - clc
5 - mdata = xlsread('onlinequizdata.xlsx','fluiddata');
6 - x = mdata(1:2:250,1)
7 - y = mdata(1:2:250,2)
8 - plot(x,y)
9 - grid on
10 - grid minor
```

Command Window

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999.9934
999.9940
999.9946