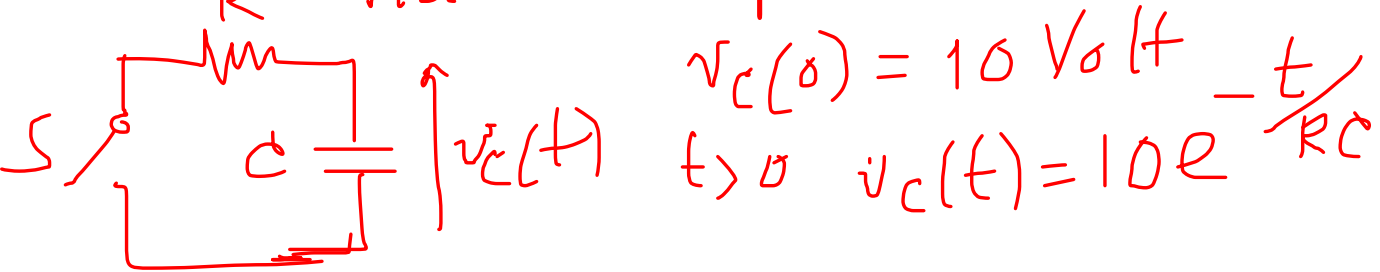


Tugas 1

VERIFIKASI SIMULINK

Tujuan ; menentukan besar ERROR (galat) SIMULINK untuk berbagai nilai TOLERANSI

Referensi : Rangkaian Pelepasan R Muatan Kapasitor .



No 5A . D4210g $X_1 X_2 X_3 \rightarrow R = X_1 X_2 X_3 \text{ K}\Omega$

D4210g $Y_1 Y_2 Y_3 \rightarrow C = Y_1 Y_2 Y_3 \mu\text{F}$

Contoh : $X_1 X_2 X_3 = 007 \rightarrow R = 7 \text{ K}\Omega$
 $= 7000 \Omega$

$Y_1 Y_2 Y_3 = 110 \rightarrow C = 110 \mu\text{F}$
 $= 0,00011 \text{ F}$

$\mu = \text{Mikro}$
 $\mu = \text{mu}$

$RC = (7000)(0,00011)$
 $= 0,77 \text{ second}$

$$7 \times 10^3 \times 110 \times 10^{-6} \\ = 770 \times 10^{-3} = 0,77$$