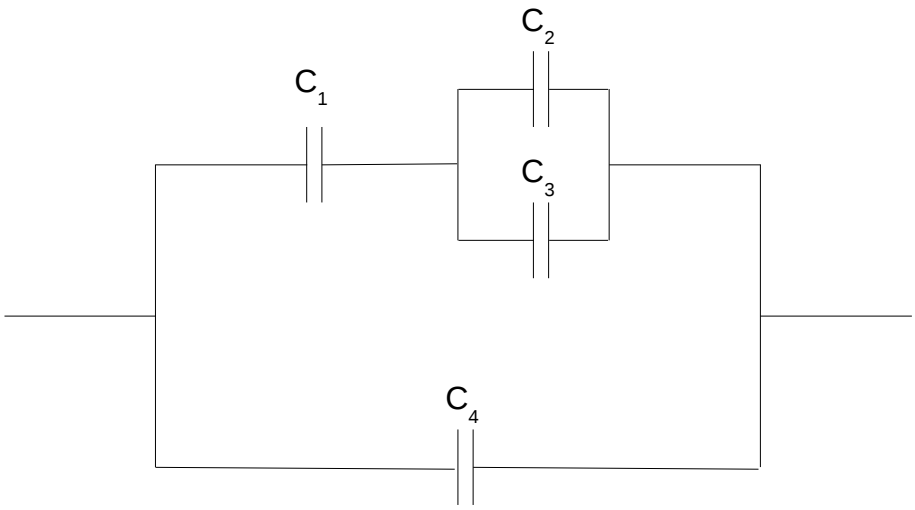
Treball autònom 10

Ejercicio 1

Calcula la capacidad equivalente del circuito, siendo:

$C_1 = 50\,\mu F$, $C_2 = 0{,}025\,mF$, $C_3 = 0{,}00005\,F$ y $C_4 = 10000\,pF$



C2 // C3 = 75 µF

C1-C2/3 = 30 µF

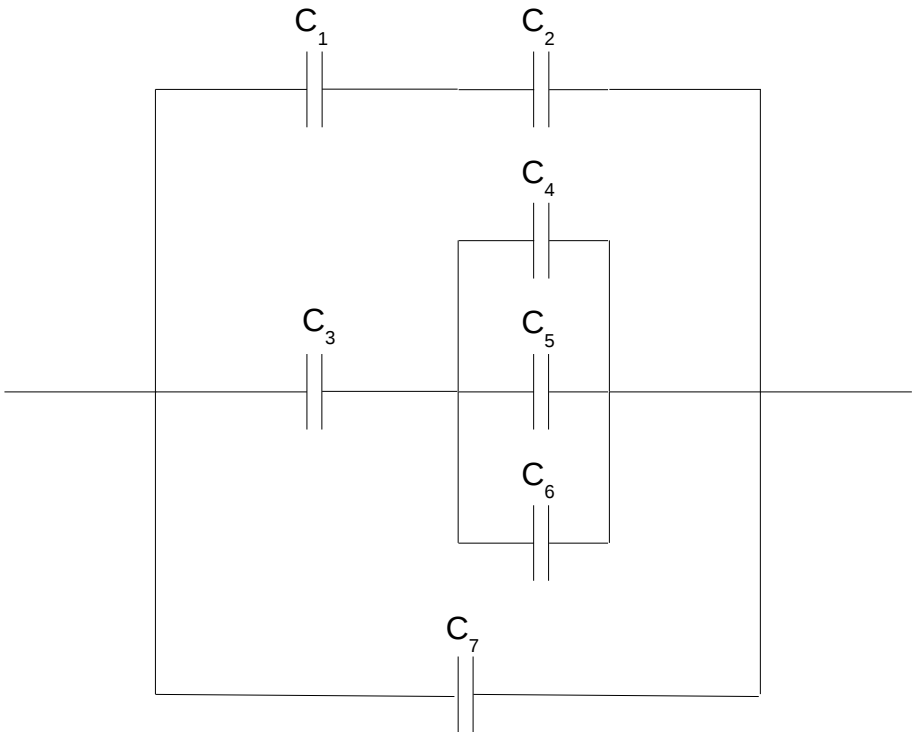
C123 //C4 = 40 µF

Ejercicio 2

Calcula la capacidad equivalente del circuito, siendo:

$C_1 = 3000000\,nF$, $C_2 = 1\,\mu F$, $C_3 = 0{,}000002\,F$, $C_4 = 4000\,pF$, $C_5 = 0{,}001\,mF$,

$C_6 = 3000000\,nF$, $C_7 = 0{,}000005\,F$



C1-C2 = 1 µF

C4//C5//C6 = 0,004 µF + 1 µF + 3000 µF = 3001,004 µF

C3-C456 = 1,999 µF

C1234567 = 7,999 µF