

حل التمرين 05

تحديد u_2 :

$$u = u_1 + u_2 \Rightarrow \boxed{u_2 = u - u_1} \Rightarrow u_2 = 10V$$

تحديد u_3 :

$$u_3 + u_4 = u_1 + u_2 \Rightarrow u_3 = u_1 + u_2 - u_4$$

$$u_2 = u - u_1 \Rightarrow u_3 = u_1 + u - u_1 - u_4 \Rightarrow \boxed{u_3 = u - u_4} \Rightarrow u_3 = 9,6V$$

تحديد u_5 :

$$u_4 + u_5 - u_2 = 0 \Rightarrow u_5 = u_2 - u_4 \Rightarrow \boxed{u_5 = u - u_1 - u_4} \Rightarrow u_5 = 7,6V$$