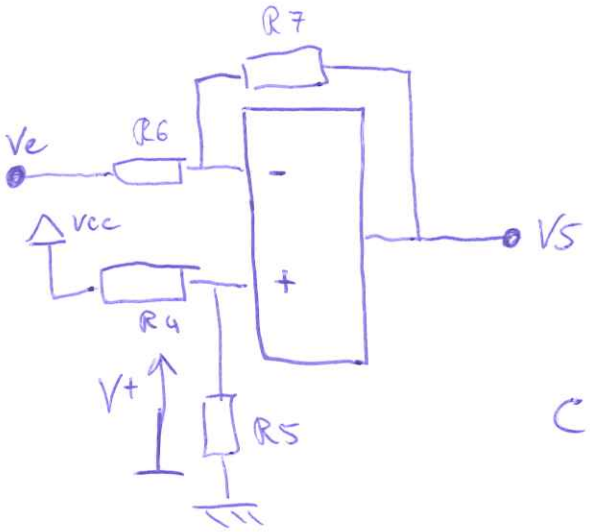

① $V^+ = \frac{R5}{R5+R4} \cdot Vcc$

or $R5 = R4$

$$\boxed{V^+ = \frac{Vcc}{2}}$$

C R sur V^- donc $V^+ = V^-$

i^+ et $i^- = 0$

⇓

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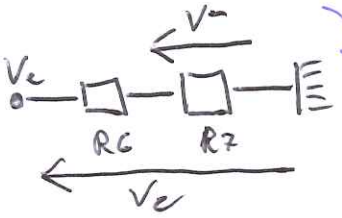
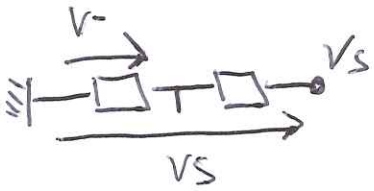
② SuPerPosition

$$V^{-\prime} = Ve \cdot \frac{R7}{R7+R6}$$



$$V^{-\prime\prime} = Vs \cdot \frac{R6}{R7+R6}$$



SuPerPo dit :

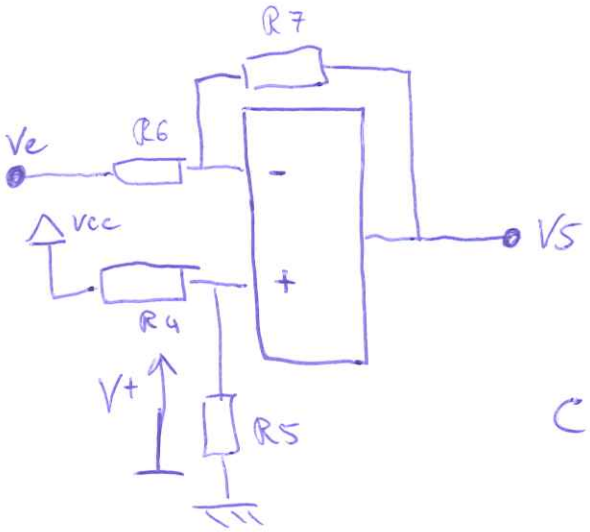
$$\boxed{V^{-\prime} + V^{-\prime\prime} = V^-}$$

$$\boxed{V^- = \frac{Vs\,R6 + Ve\,R7}{R6+R7}}$$

Comme on a une "CR" $V^+ = V^-$

$$\boxed{\frac{Vcc}{2} = \frac{Vs\,R6 + Ve\,R7}{R6+R7}} \Leftarrow \text{Ton Resultat}$$

$$\boxed{Vs = Vcc\left(\frac{R7+R6}{2\,R6}\right) - Ve\,\frac{R7}{R6}} \Leftarrow \text{Plus Jolie forme}$$



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or $R5 = R4$

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C R sur V^- donc $V^+ = V^-$

i^+ et $i^- = 0$

⇓

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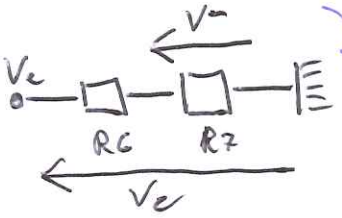
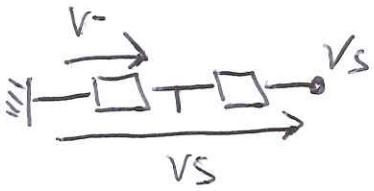
② SuPerPosition

$$V^{-\prime} = Ve \cdot \frac{R7}{R7+R6}$$



$$V^{-\prime\prime} = Vs \cdot \frac{R6}{R7+R6}$$



SuPerPo dit :

$$\boxed{V^{-\prime} + V^{-\prime\prime} = V^-}$$

$$\boxed{V^- = \frac{Vs\,R6 + Ve\,R7}{R6+R7}}$$

Comme on a une $\overset{\prime\prime}{\underset{\prime\prime}{CR}}$ $V^+ = V^-$

$$\boxed{\frac{Vcc}{2} = \frac{Vs\,R6 + Ve\,R7}{R6+R7}} \Leftarrow \text{Ton Resultat}$$

$$\boxed{Vs = Vcc\left(\frac{R7+R6}{2\,R6}\right) - Ve\,\frac{R7}{R6}} \Leftarrow \text{Plus Jolie forme}$$