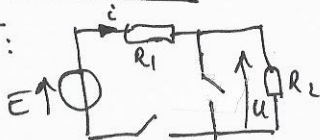


Conditions initiales en elec

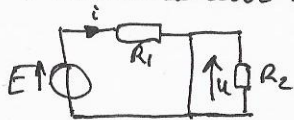
Circuit 1 • $t \leq 0^-$:



circuit ouvert $\Rightarrow$ courants
tous nuls $\Rightarrow i = 0$

$u = 0$ (loi
d'ohm en R_2)

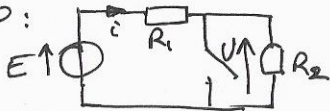
• $t = 0^+$: condensateur $\Rightarrow u(0^+) = u(0^-) = 0$



R_2 court circuitée + Pouillet
ou
LdR: $E = R_1 i + 0$

$$\Rightarrow i = \frac{E}{R_1}$$

• $t \rightarrow \infty$:



Pouillet: $i = \frac{E}{R_1 + R_2}$

DT (ou ohm): $u = \frac{E R_2}{R_1 + R_2}$

bobine