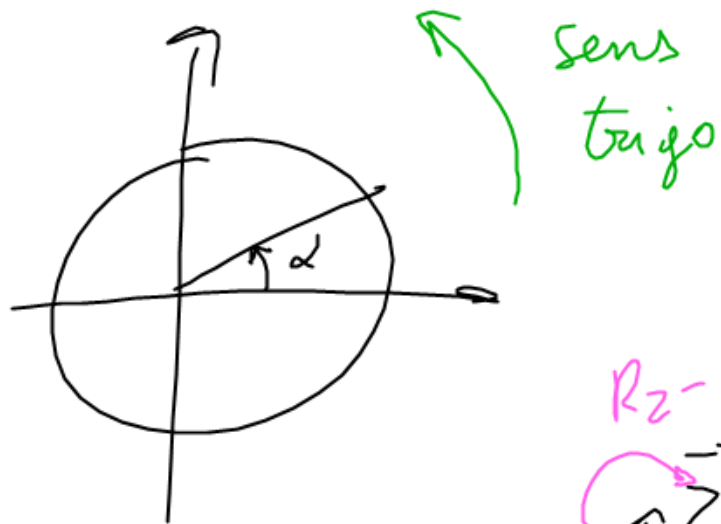
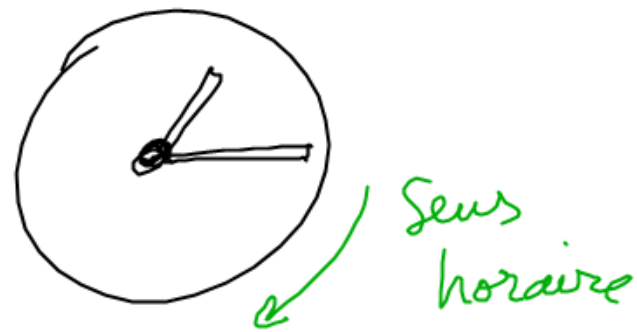
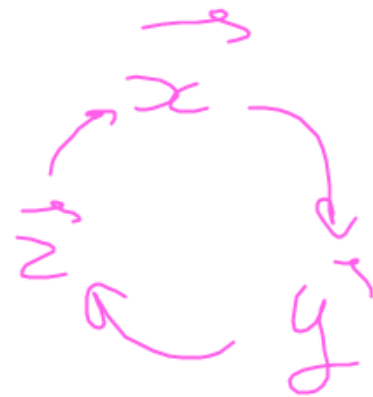
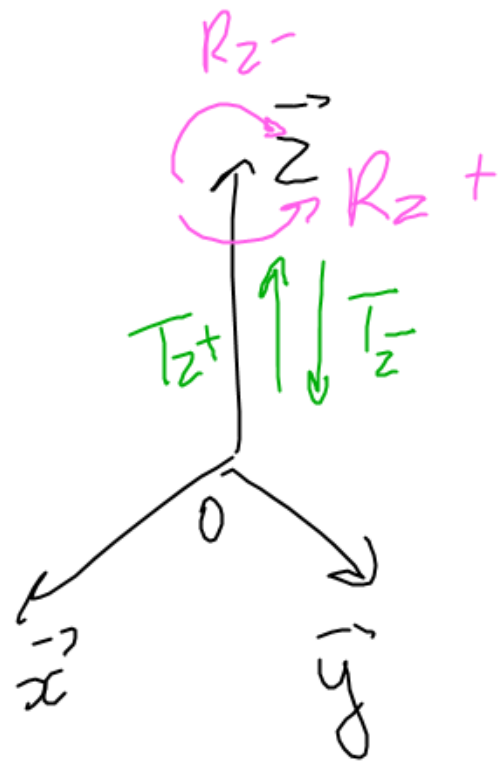


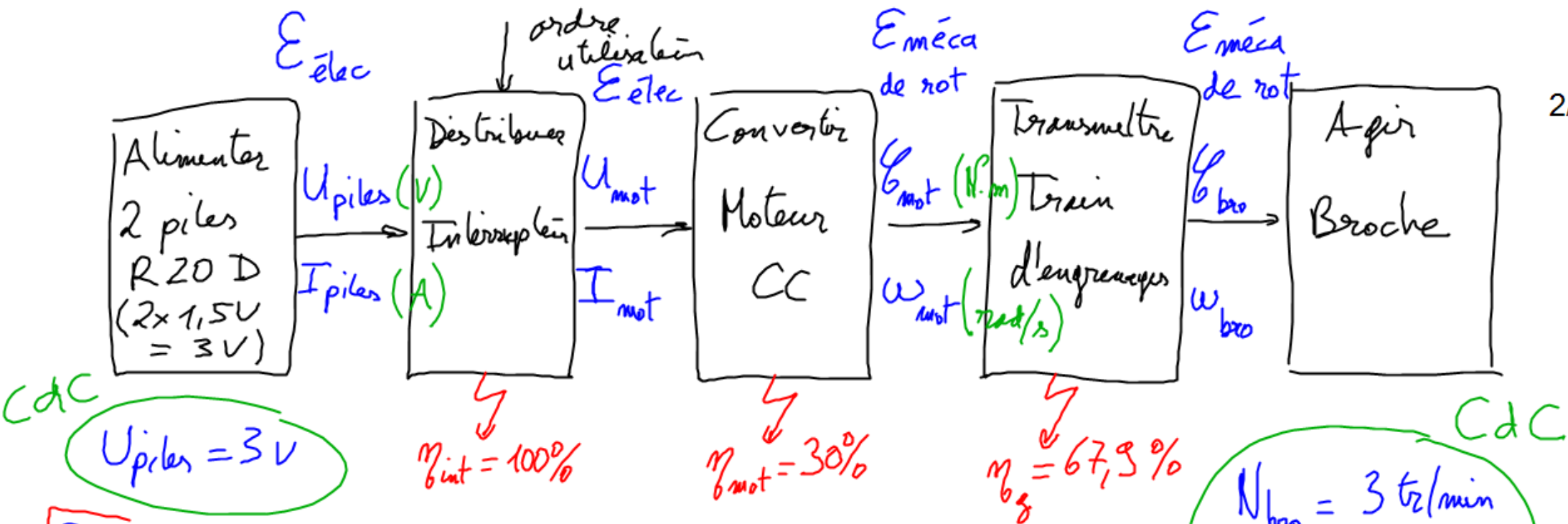


Sens
trigo



Sens
horaire





$$I_{piles} = \frac{0,157}{0,204} \approx 0,77 \text{ W}$$

$$P = U \cdot I$$

$$P_{piles} = U_{piles} \cdot I_{piles}$$

$$I_{piles} = \frac{P_{piles}}{U_{piles}}$$

$$\eta_{global} = \eta_1 \cdot \eta_2 \dots$$

$$\eta_g = \frac{P_{broche}}{P_{piles}}$$

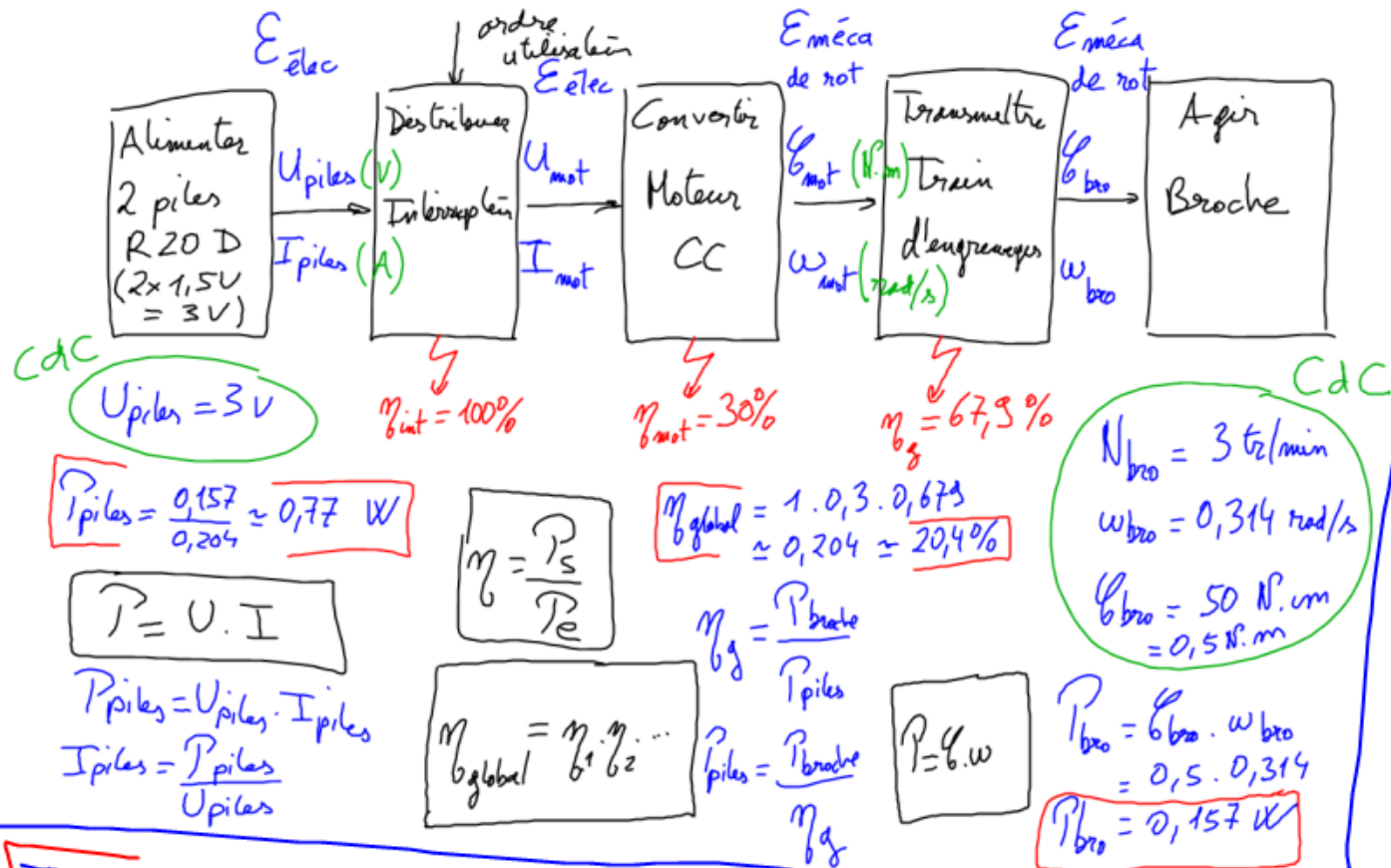
$$\eta_{piles} = \frac{P_{broche}}{\eta_g}$$

$$P = \phi \cdot \omega$$

$$P_{bro} = \phi_{bro} \cdot \omega_{bro}$$

$$= 0,5 \cdot 0,314$$

$$P_{bro} = 0,157 W$$



$$E = P \cdot \Delta t$$

$\downarrow$ $\downarrow$ $\downarrow$
 Wh W h

$$E_{elec} = P_{elec} \cdot \Delta t$$

$\downarrow$ $\downarrow$ $\downarrow$
 Wh W h

$$E_{elec} = U \cdot I \cdot \Delta t$$

$\downarrow$ $\downarrow$ $\downarrow$
 Wh V $A \cdot h$

$$E_{elec} = U \cdot \bar{Q} \text{ (capacité)}$$

$\downarrow$ $\downarrow$
 Wh Ah