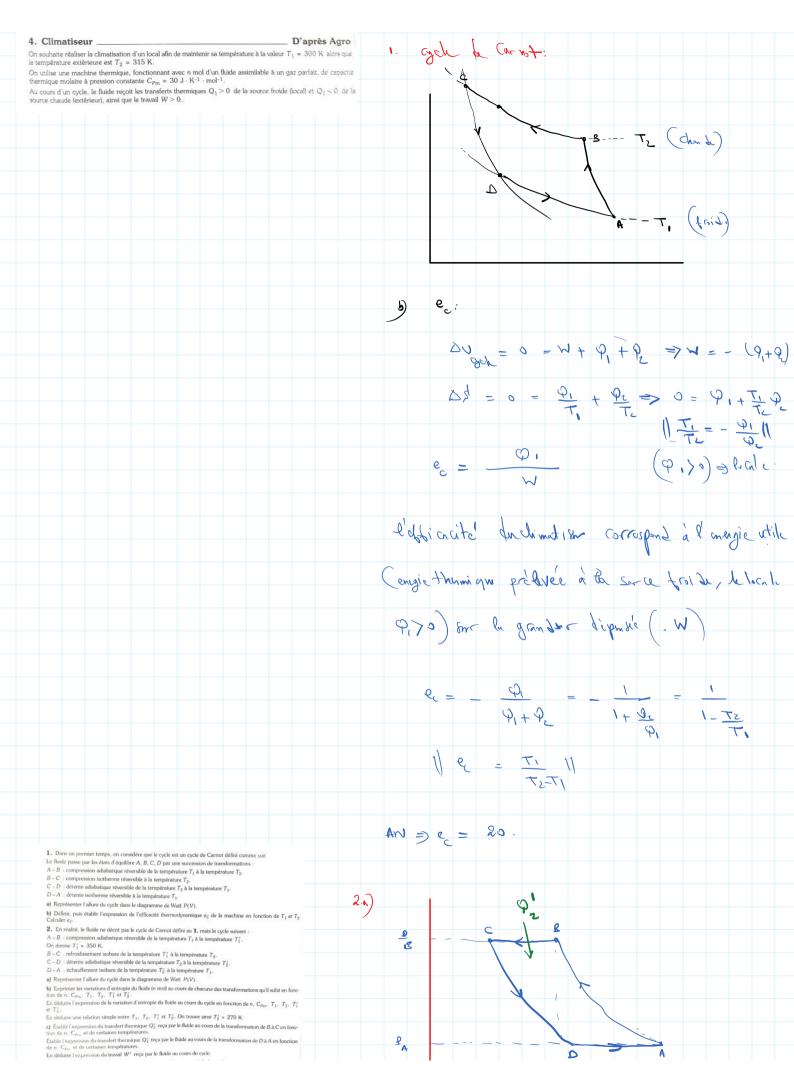
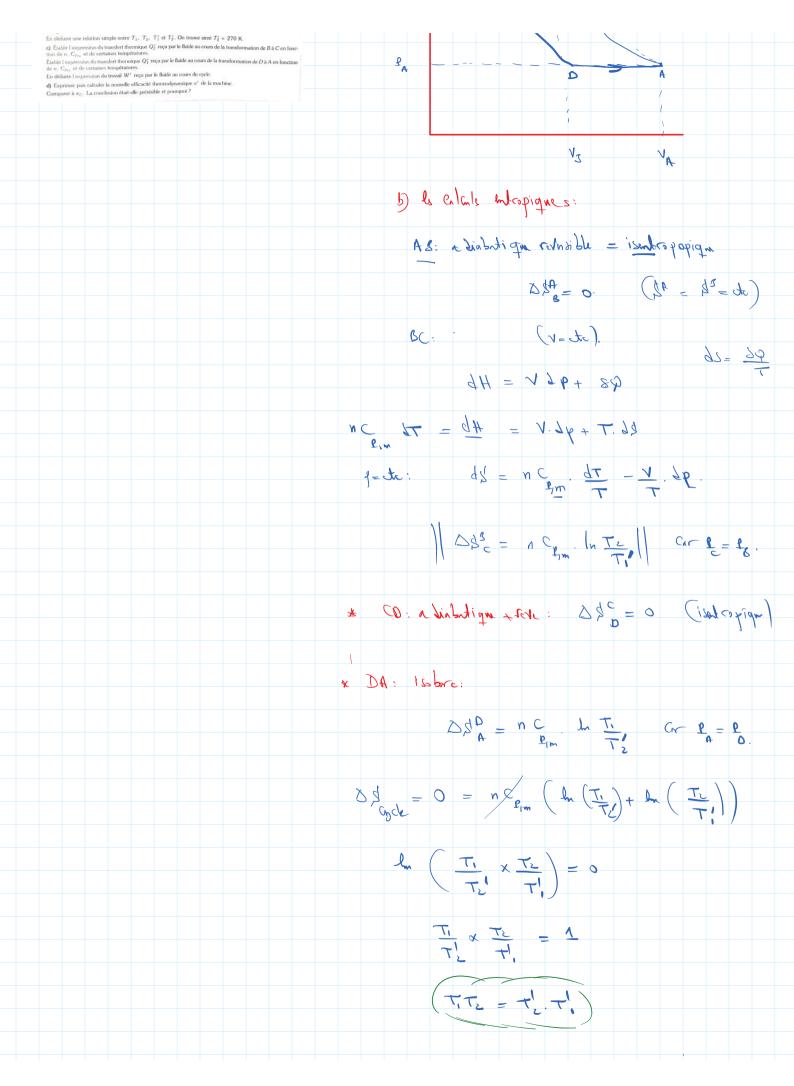


$\frac{\ell}{l} = \frac{1}{2} = \frac{1}{2} = \frac{1}{2} + \frac{1}$
$Q = 2 (1, -1) = 2 p(\alpha_1 - \alpha_1)$
) (+ot = 3 (3 ()
$\frac{2}{3} \operatorname{D} a_{3} = 2 \operatorname{D} \left(a_{3} - a_{1} \right)$
Pt- NXT 2 1 - 15 TXM = 1.1+
1-1-1 4.5 D 7 M.O





c) le transfort thumique regn per le flinde de l'al masphini) (S.C), noté φ_{2} (φ_{2}^{\prime} (φ_{2}^{\prime} (φ_{3}^{\prime})
$\varphi_{z}^{l} = \Delta A^{c} = n c (T_{z} - T_{i}) (ibbs_{0}) (B c)$
$ \varphi_{1}^{1} = \Delta H^{A} = n \cdot C_{p_{1}} \cdot (T_{1} - T_{2}^{1}) (isher) $ $ \Delta O = O = W + \varphi_{2}^{1} + \varphi_{1}^{1} $
$W = -\left(\beta_{c+}^{\prime} \beta_{c+}^{\prime}\right)$ $W = + n C_{em} \left(+ C_{c-} - T_{c+} + C_{c-} - T_{c-}\right) $
d) efficiate: = y! = T, -T! T'_T, +T'_T
$An \Rightarrow 1e' = 6.011$ $2 \cdot \langle e' \rangle$