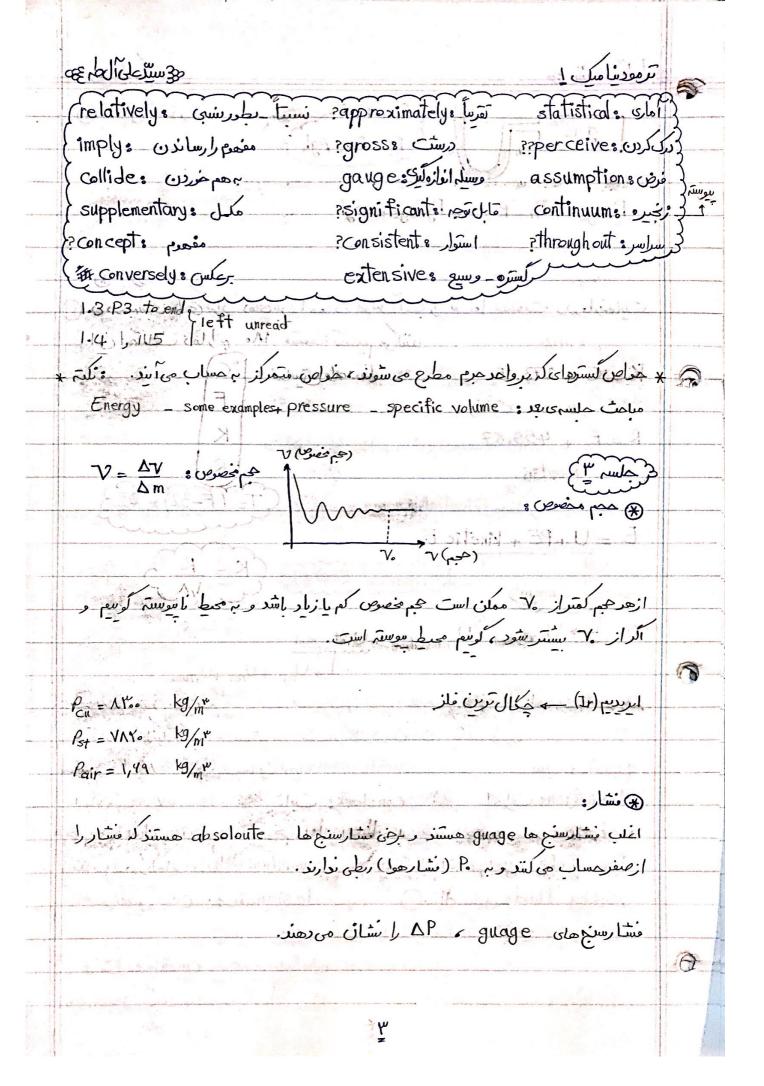
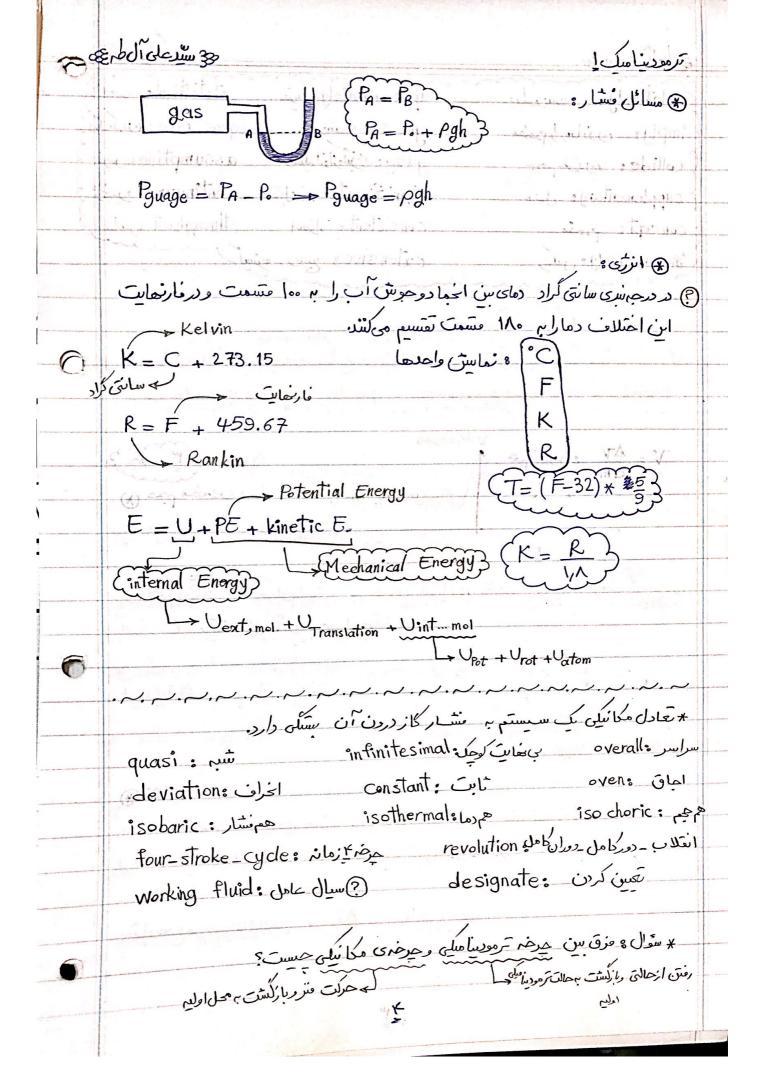
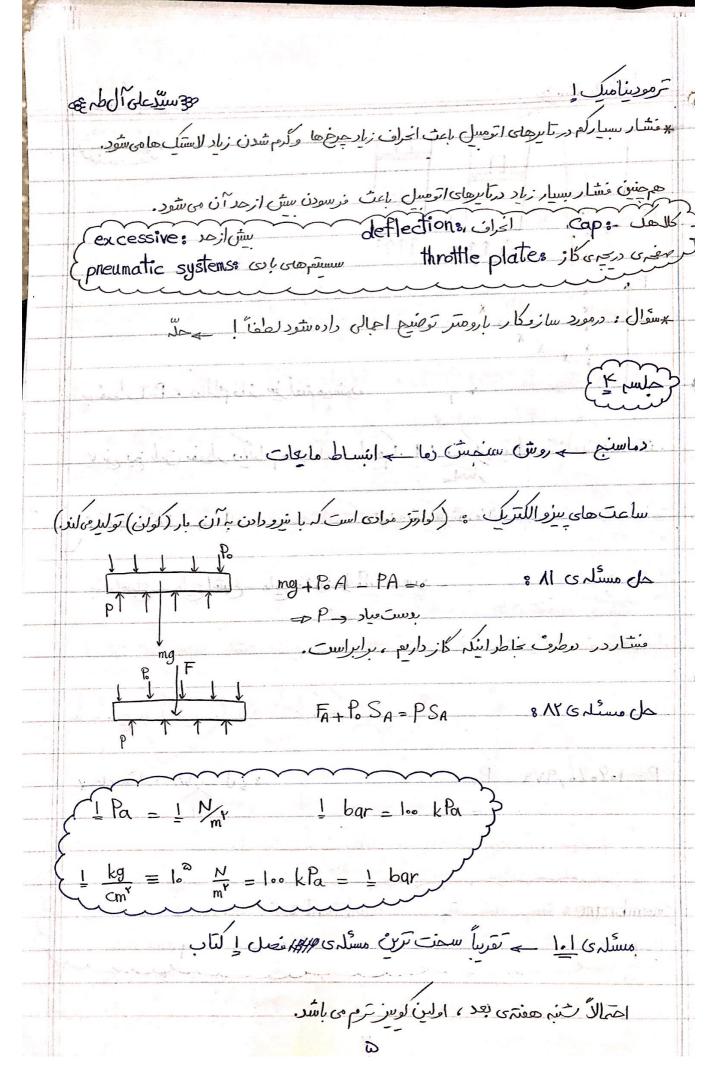


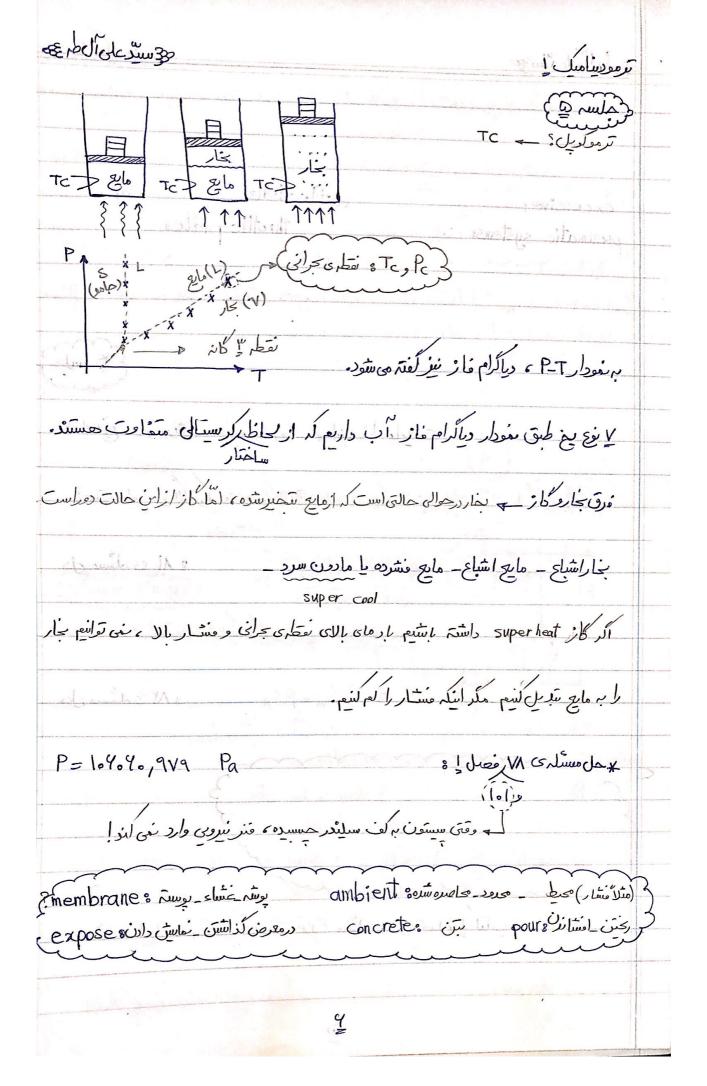
: براک دریافت نمونہ سوالات ، جزوات و کتب بیٹتر بہ ما بیپوندید در https://t.me/iust_scientfic

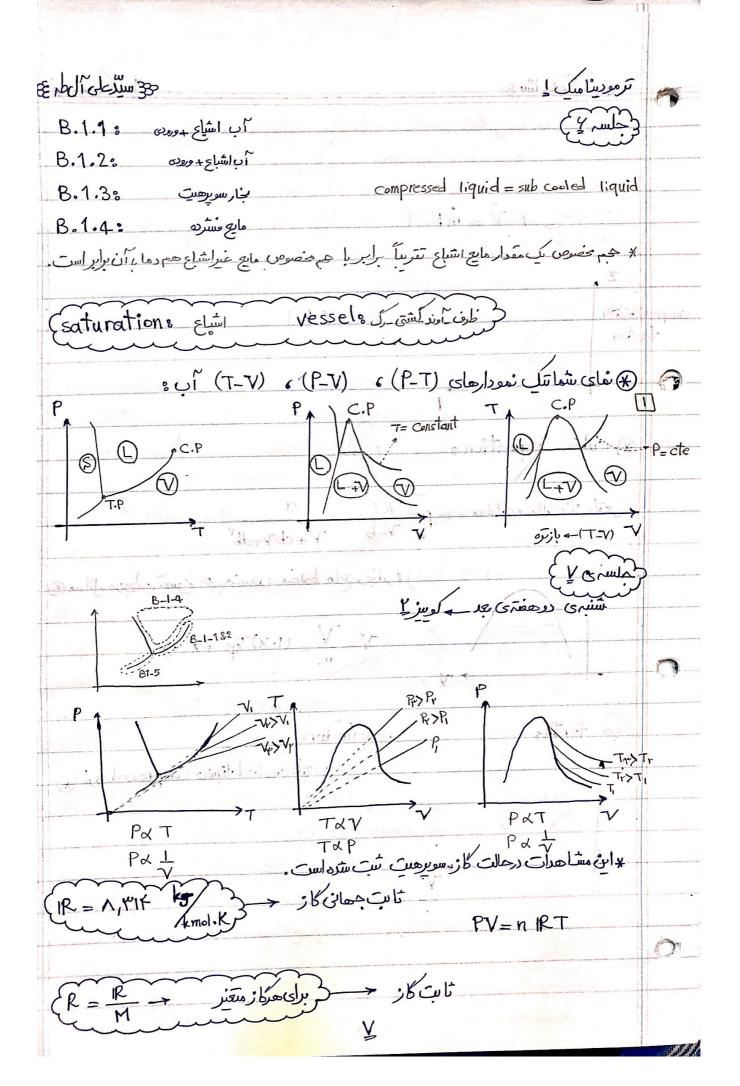
موسيدعاى الحديس ترموديناميك ا centinuum -متوسط عاصله ای را که یک مولال در حولت ، طول می کشد تا برجورد نواشتم باشد را بوسش آزاد میانگین میکویند. (متوسط ماصلمی برخورد مولکول ها) حالت و محبوعه ای از خواص ترمود ساملی _ خواص ترمود سنا ملی و مشار - دما عم - آنتالی -متمركز (intensive) - مستقل ازمقد اوانه - دما - فستار م السرو (extensive) _ واسترمقدارماده مهم عمم - حم - امروی V = res 8 comes per per eles = res comes per (تعال ترمودساميل) Thermal equilibrium (تعال ترمودساميل) Mechanical equilibrium (تعامل مكانيلي) Mechanical equilibrium (تعامل تسميايي) Chemical equilibrium Thermodynamic equilibrium بالمرهدورتعال باشدد PV= nRT = M x n RT = m RT PV = R T M PV = RT quasi - equilibrium -> dela interior

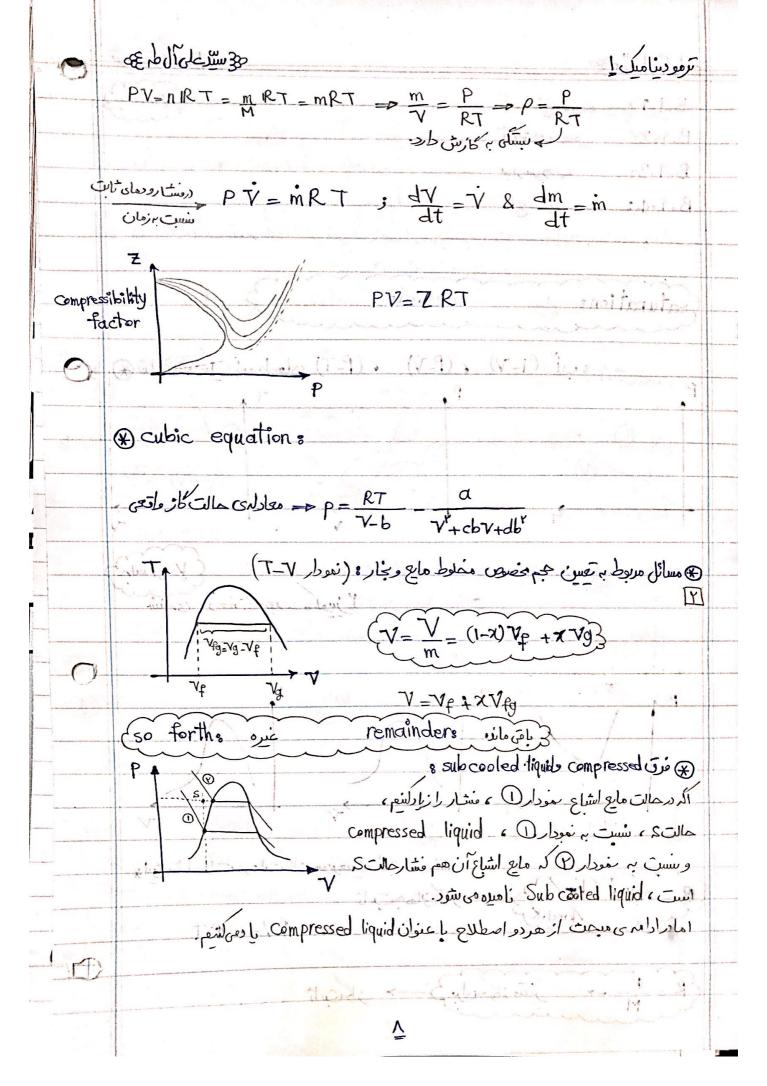


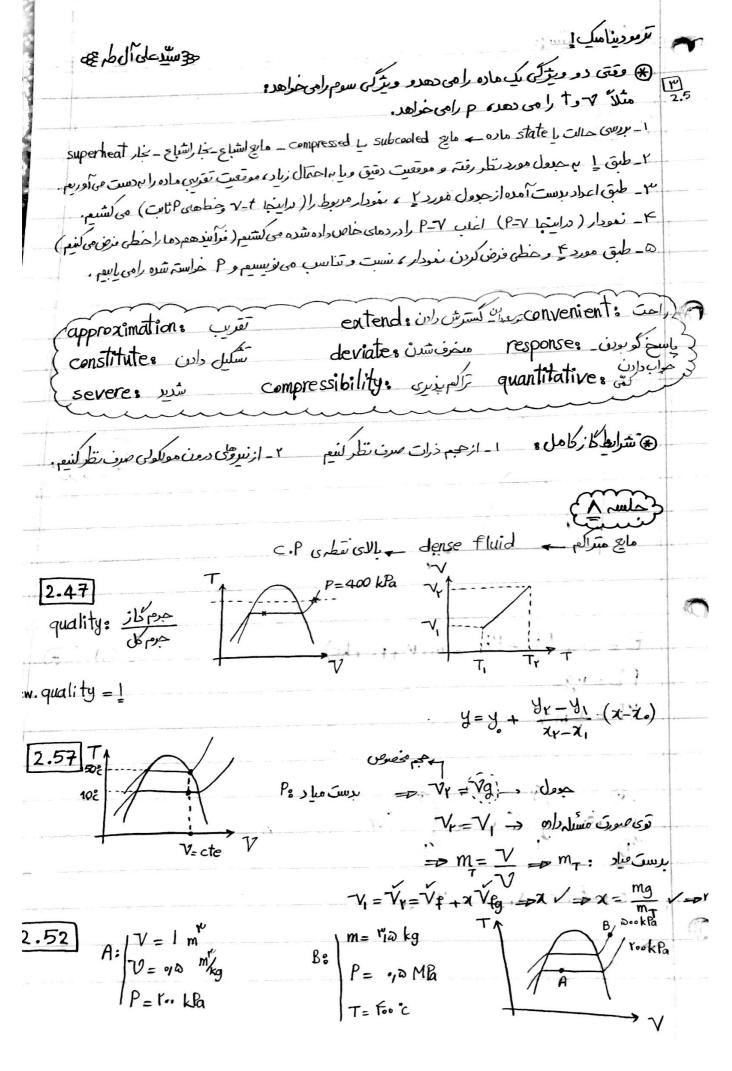


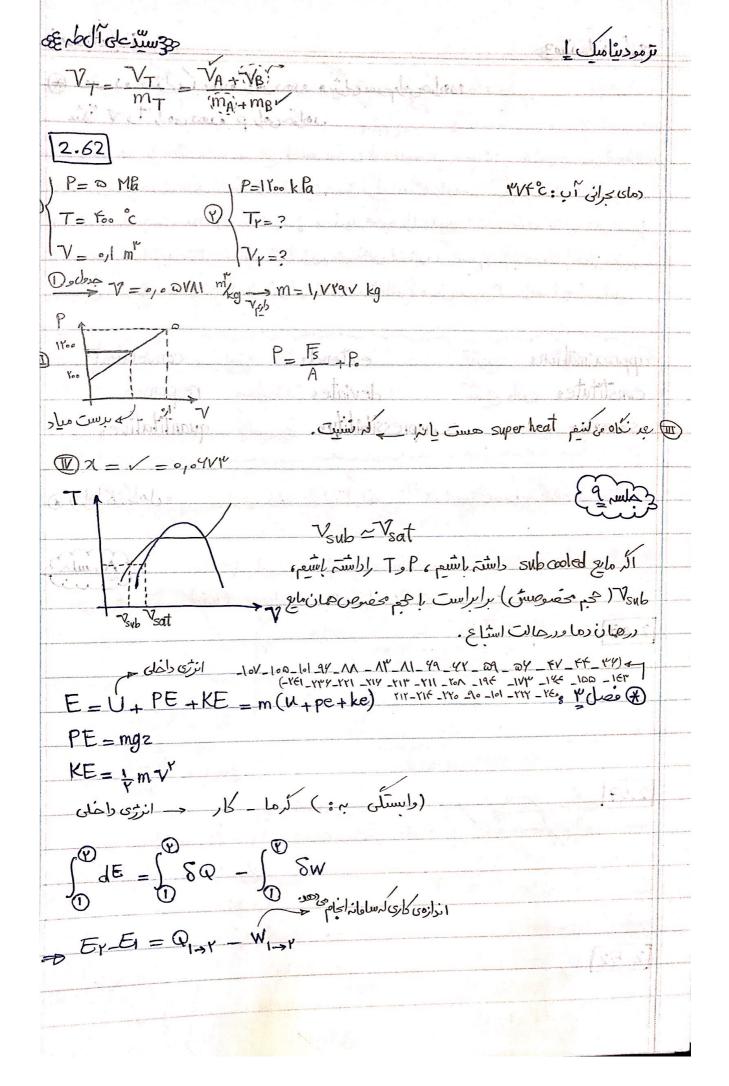


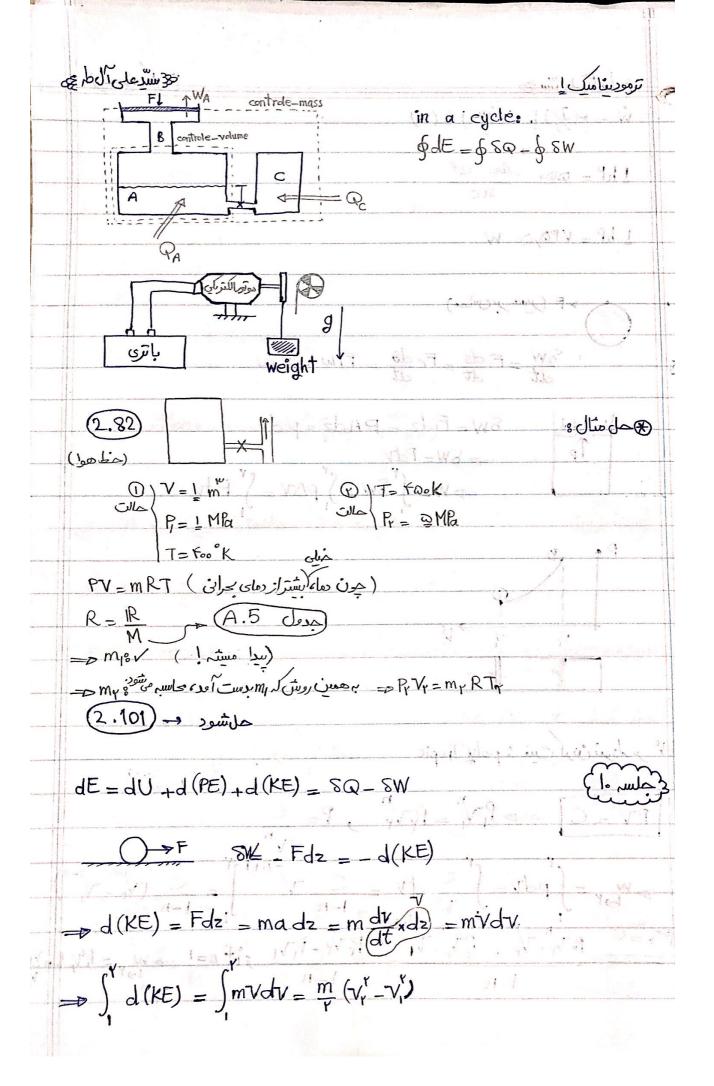


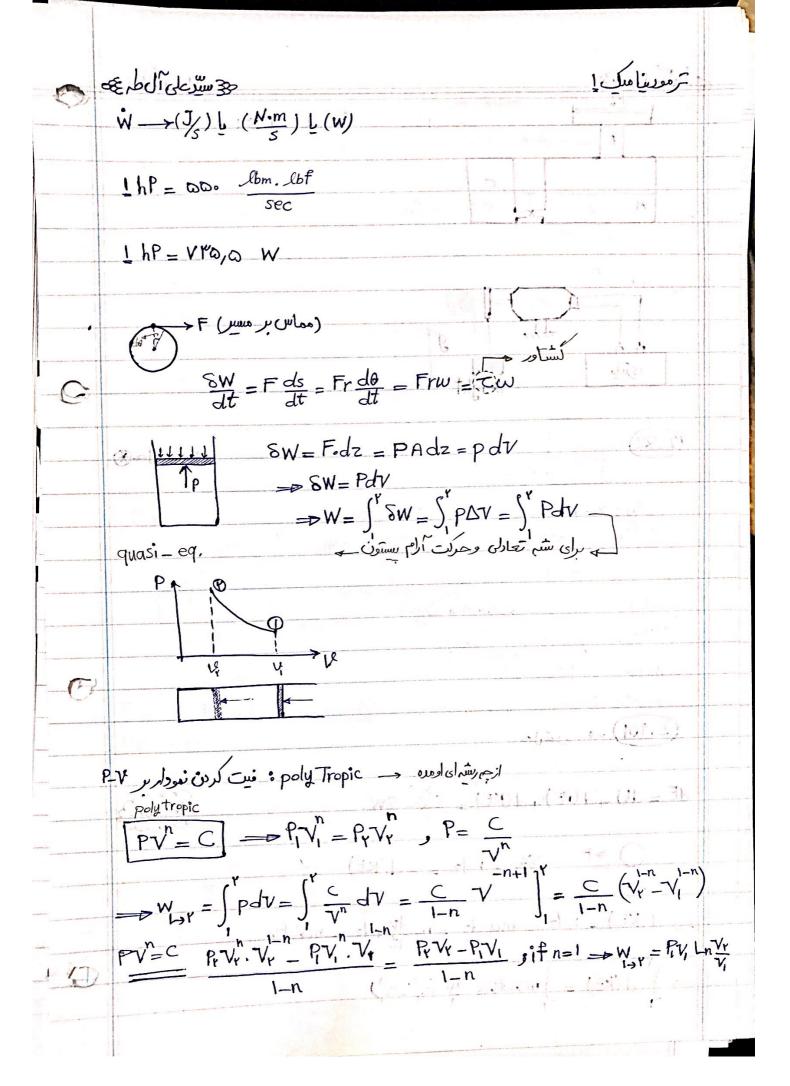


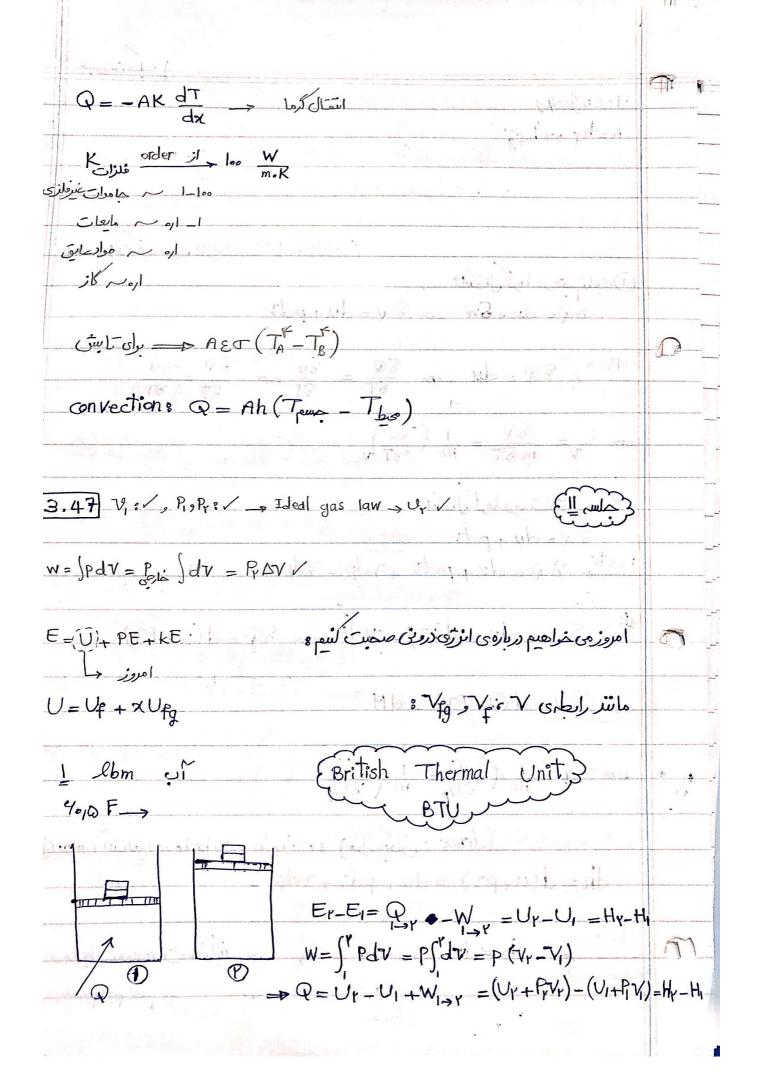


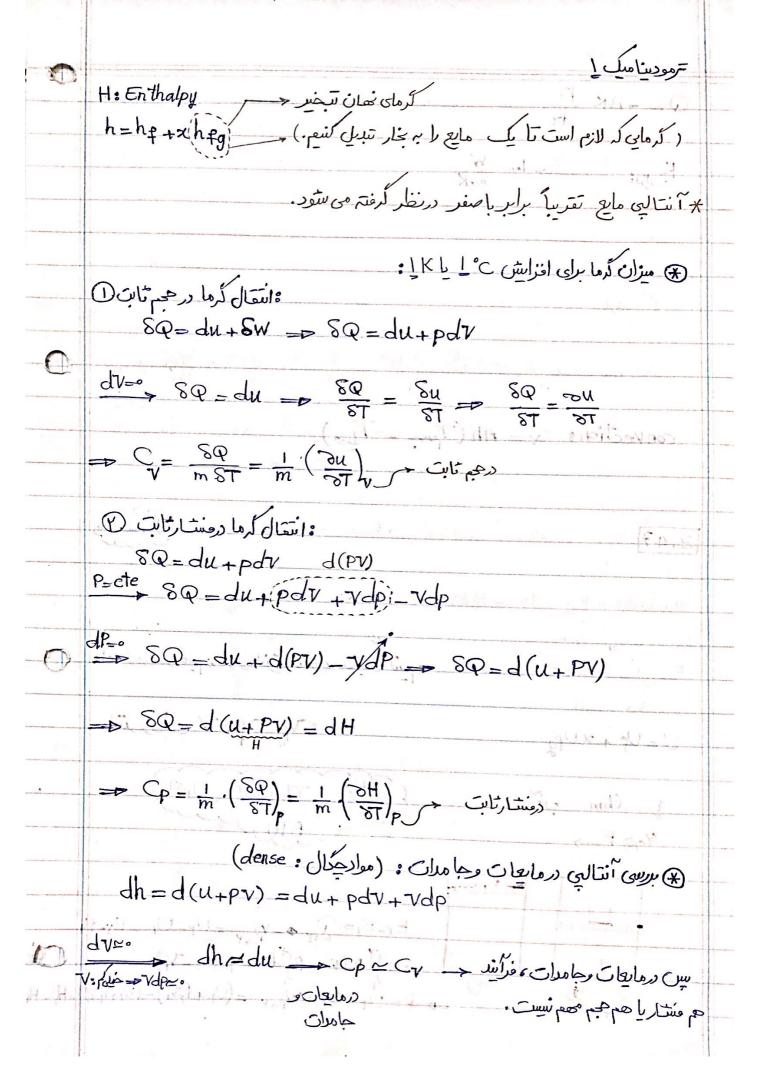


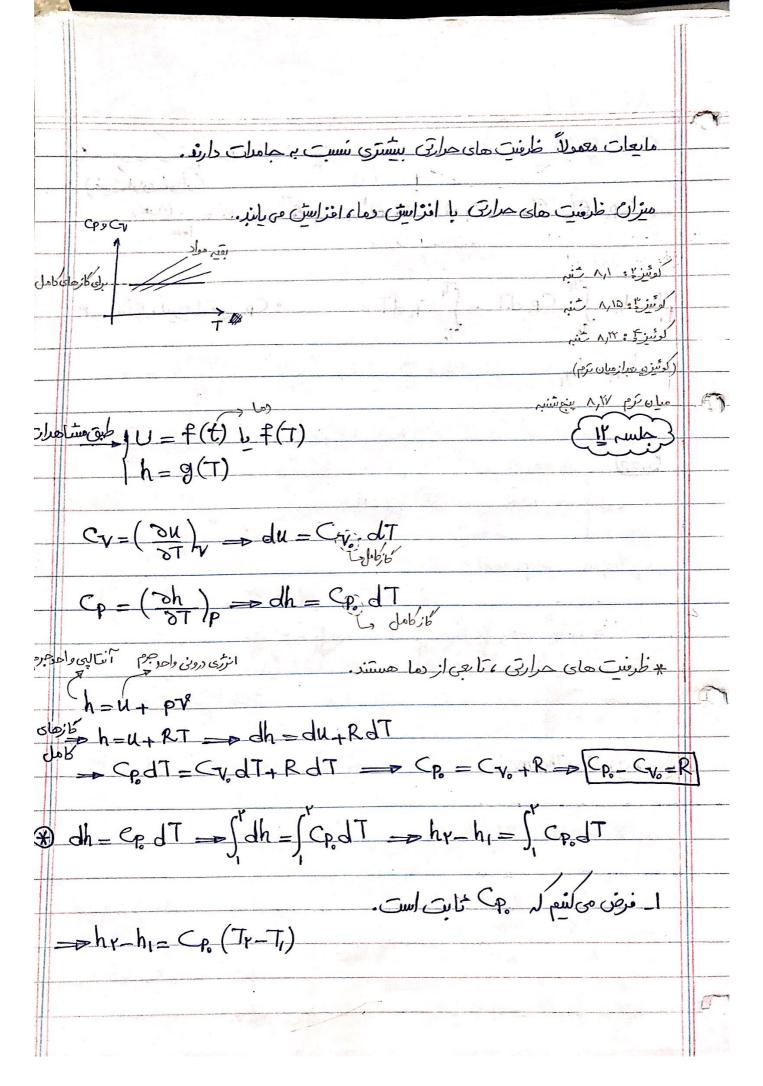


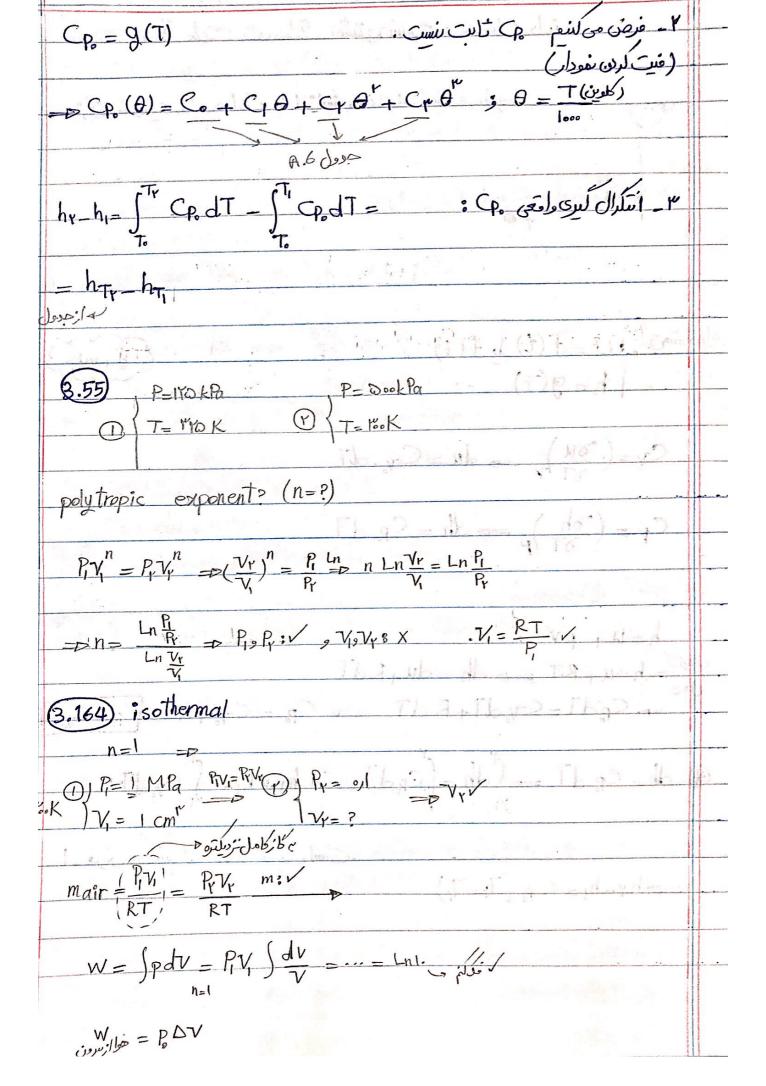


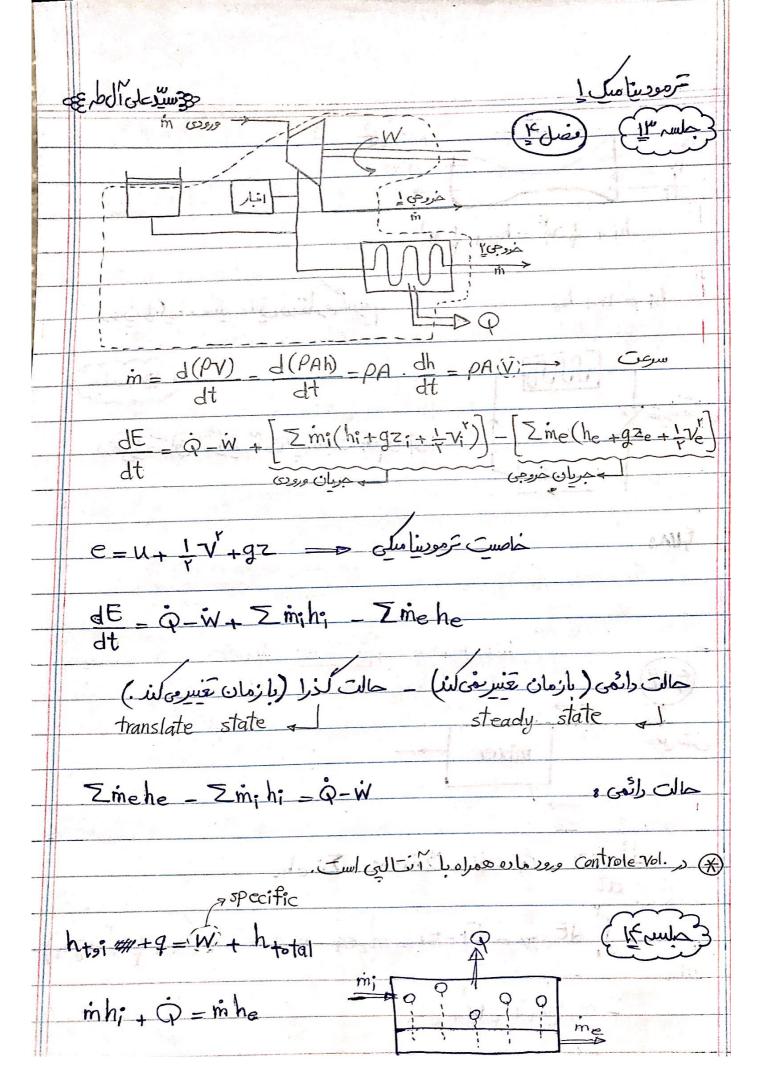


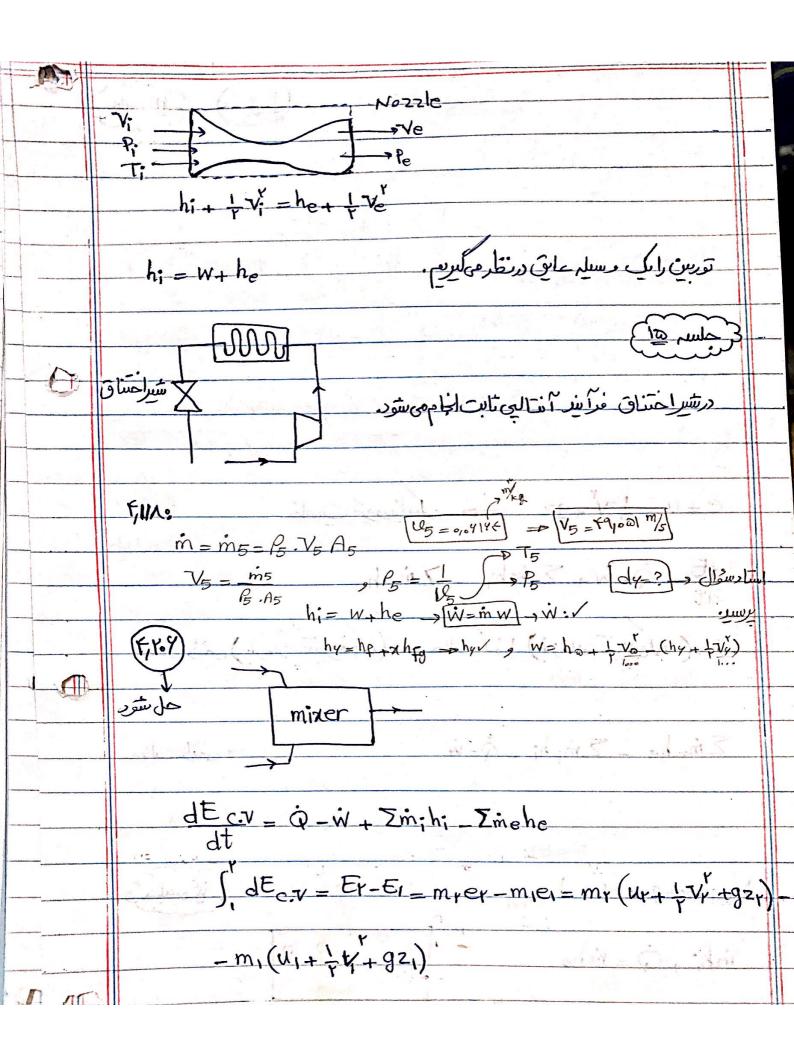


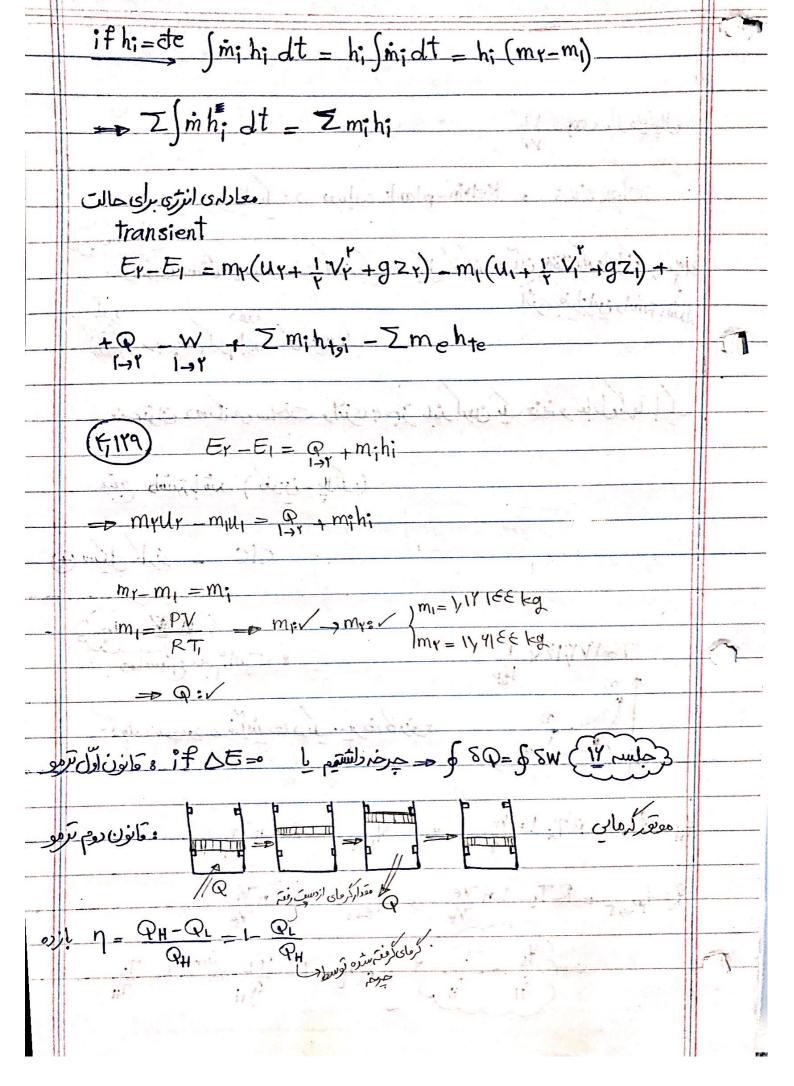


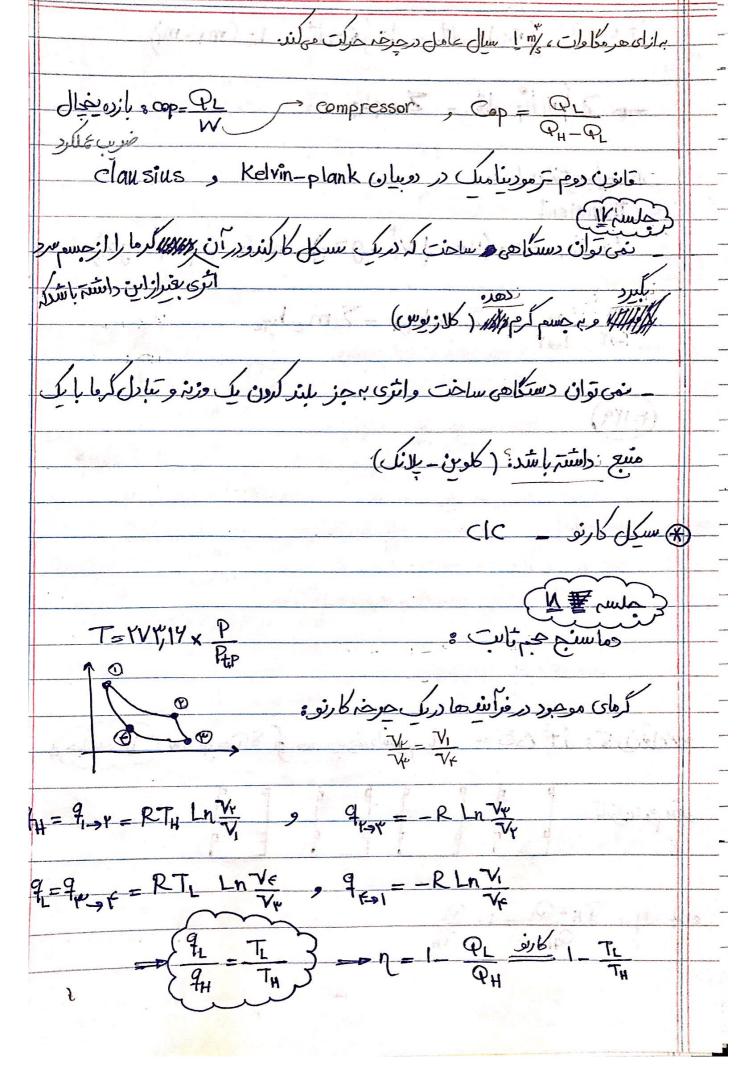


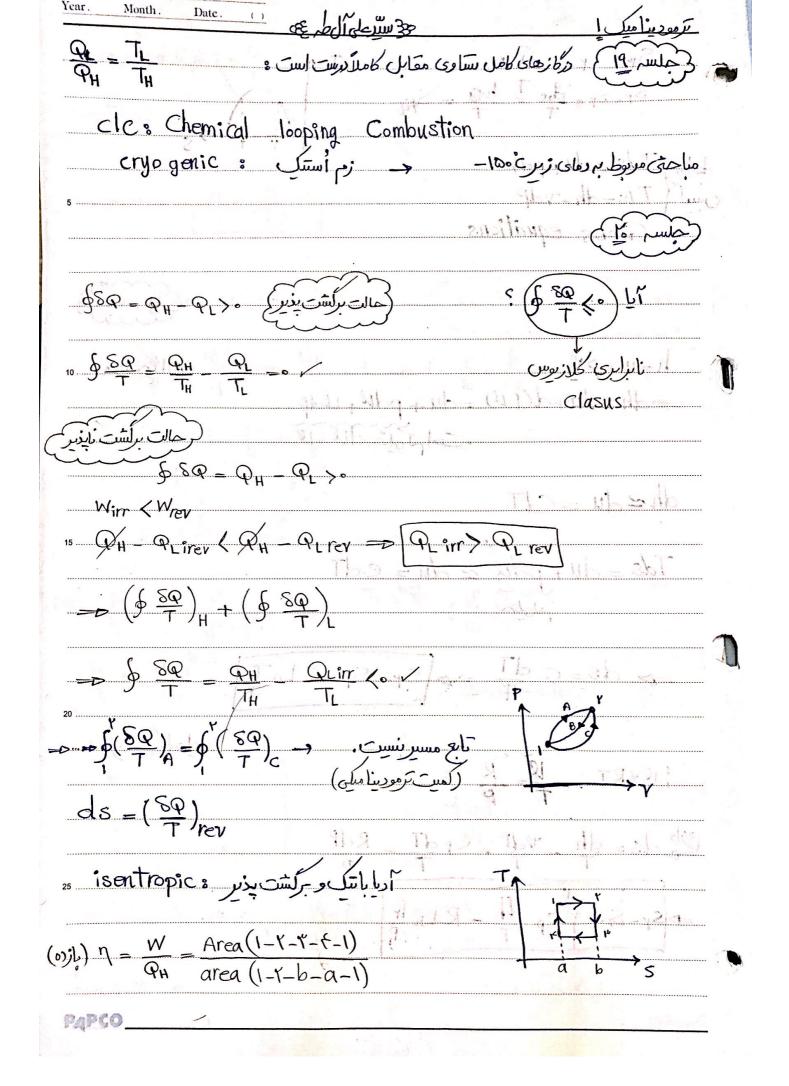


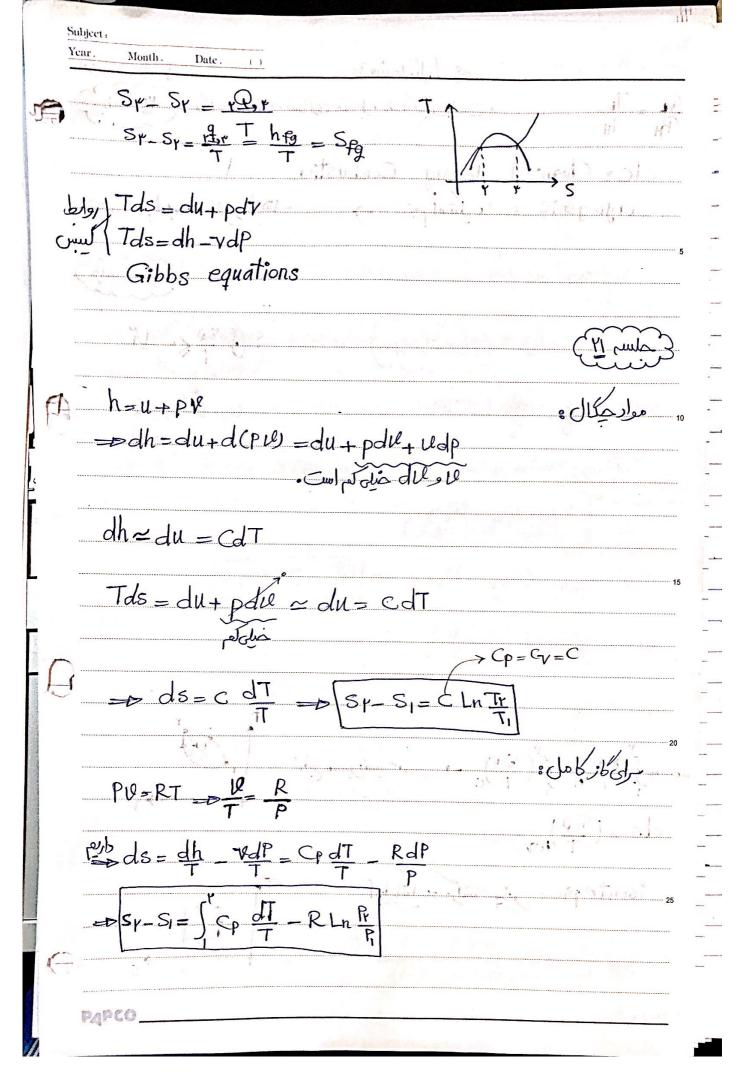


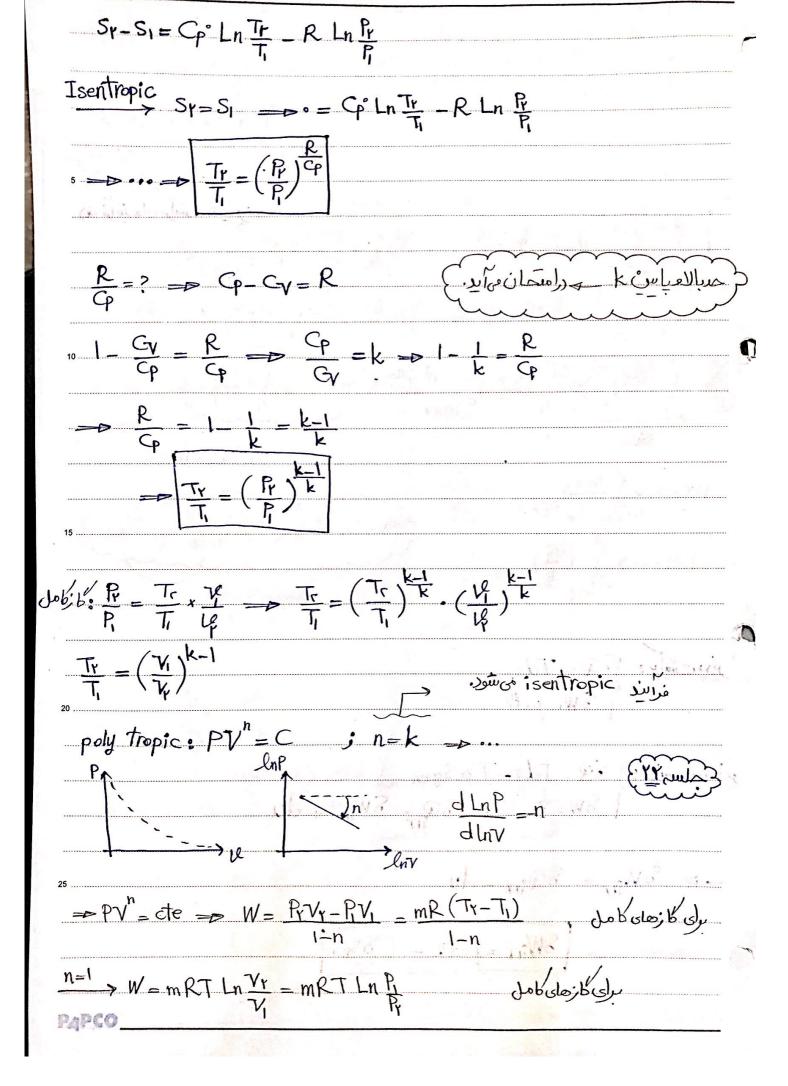


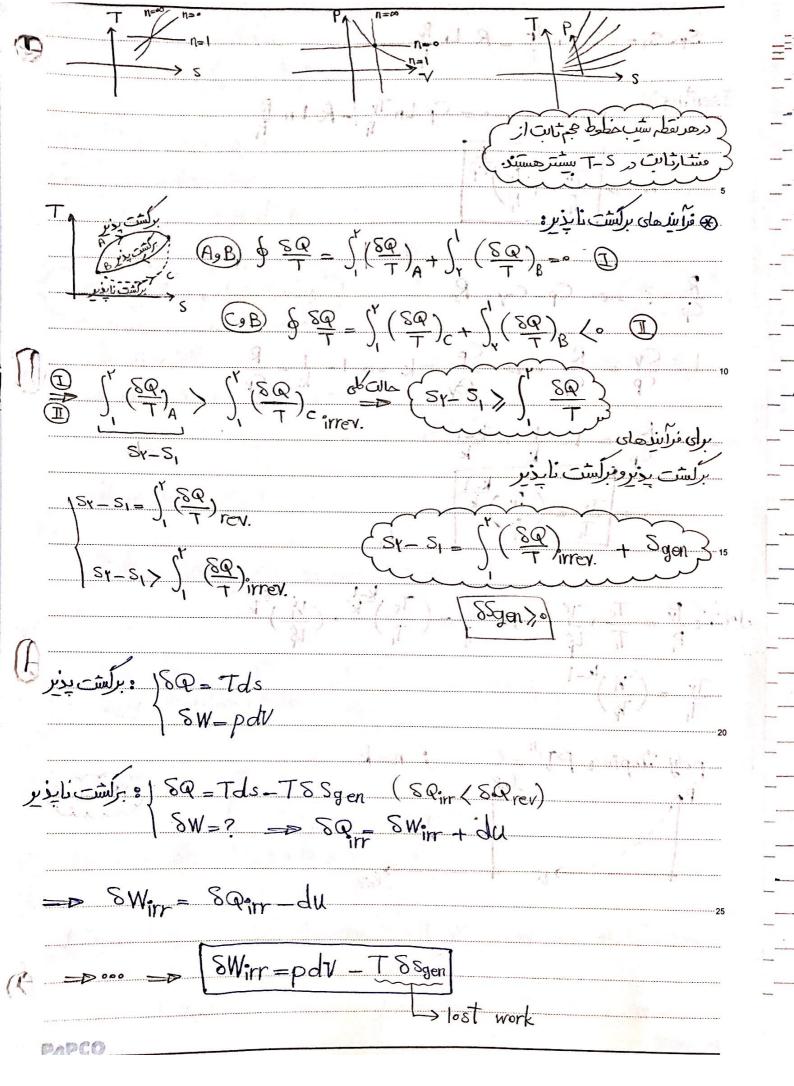




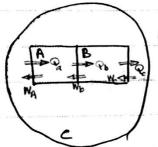








4000



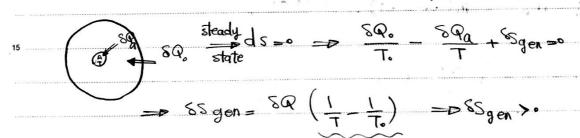
- @ Er-E1 = Qa Qb + Wb Wa
- (b) Er-E1= Qb-Qc + Wc Wb
- O Er-E1= Qc PA+WA-Wc

$$(S_{Y}-S_{I})_{A} = \int \frac{\delta Q_{a}}{T_{a}} - \int \frac{\delta Q_{b}}{T_{b}} + \delta S_{genA}$$

$$(S_{Y}-S_{I})_{B} = \int \frac{\delta Q_{b}}{T_{b}} - \int \frac{\delta Q_{c}}{T_{c}} + \delta S_{genB}$$

$$(S_{Y}-S_{I})_{C} = \int \frac{\delta Q_{c}}{T_{c}} - \int \frac{\delta Q_{a}}{T_{a}} + \delta S_{genC}$$

ादाः 8 Sgen >0



$$\Rightarrow \begin{vmatrix} -Q_L = W - Q_H \\ Q_L = Q_H \cdot \frac{T_L}{T_H} + T_L S_{gen} \end{vmatrix}$$

$$W = QH \left(1 - \frac{TL}{TH} \right) + TL \cdot 8 Sgen$$

بعريف أينزوبي

رای HP نیز برسی شود.

Just chick: W= -n (Peve-Pivi) = -nR (Te-Ti) = -Pivi Ln Pe ve

