회공 열먹학 과제

2019/01014 013/3

3.3 F=2-T+N

= 2-2+2 = 2 四之州 두州 地名 1年39年 25分野に変えて

लगाम T\$P는 क्रारेस T.Pई वडमाइटरायण

이러 子的生产 性差段이 고정되어있어아片音上写了

सुध्यस्य मागदग्रियाल्यः, व्यक्ता स्रिधानः य धाराक्तानाः स्रिधानः चेनिस् स्रिधियः स्रिधाः स्ट्रेस्ट्रियः स्रिधानः स्ट्रियः स्रिधानः स्ट्रियः स्रिधानः स्ट्रियः स्रियानः स्रिया

♦ प्रमाथ इंड्रक्ट क्रिया

3,6
$$K = \begin{pmatrix} \frac{\partial V}{\partial P} \end{pmatrix} \times \frac{1}{V} \qquad B = \begin{pmatrix} \frac{\partial V}{\partial T} \end{pmatrix} \times \frac{1}{V}$$

$$PV = M \Rightarrow VdP + PdV = 0$$

$$\times PV = \frac{2562}{2562} \text{ Constant old, } 0 = \frac{1}{25} \text{ Disolate}$$

$$\frac{\partial V}{\partial P} + \frac{\partial P}{\partial P} = 0$$

$$V + \frac{\partial P}{\partial P} = 0$$

$$V + \frac{\partial P}{\partial P} = 0$$

$$V = BdT - KdP = \frac{1}{25} \frac{\partial P}{\partial T} \frac{\partial P}{\partial T}$$

$$-\frac{\partial P}{\partial P} = \frac{1}{25} \frac{\partial P}{\partial T} \frac{\partial P}{\partial T} \frac{\partial P}{\partial T} \frac{\partial P}{\partial T}$$

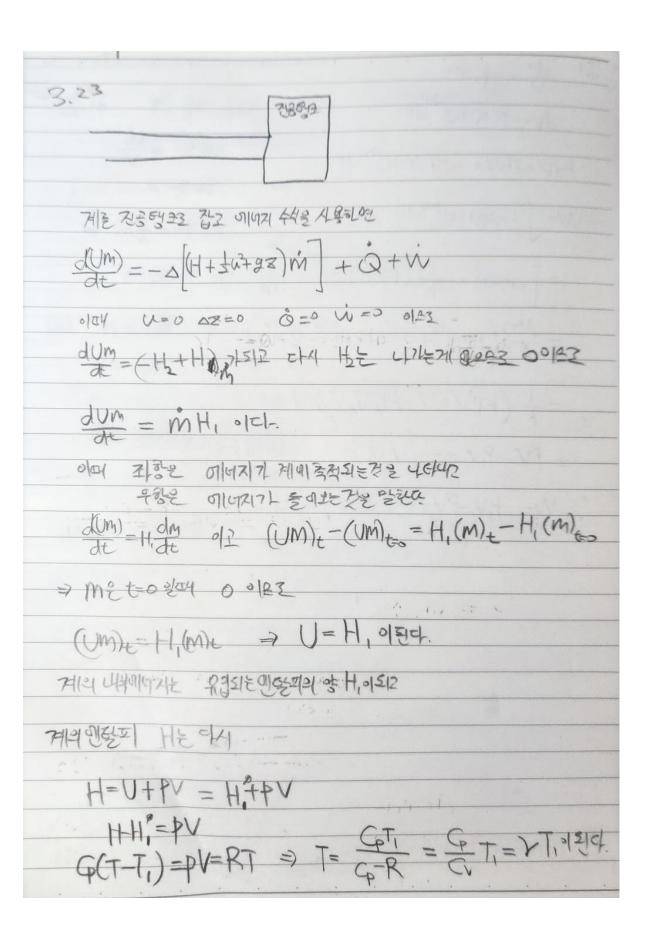
$$-\frac{\partial P}{\partial P} = \frac{1}{25} \frac{\partial P}{\partial T} \frac{$$

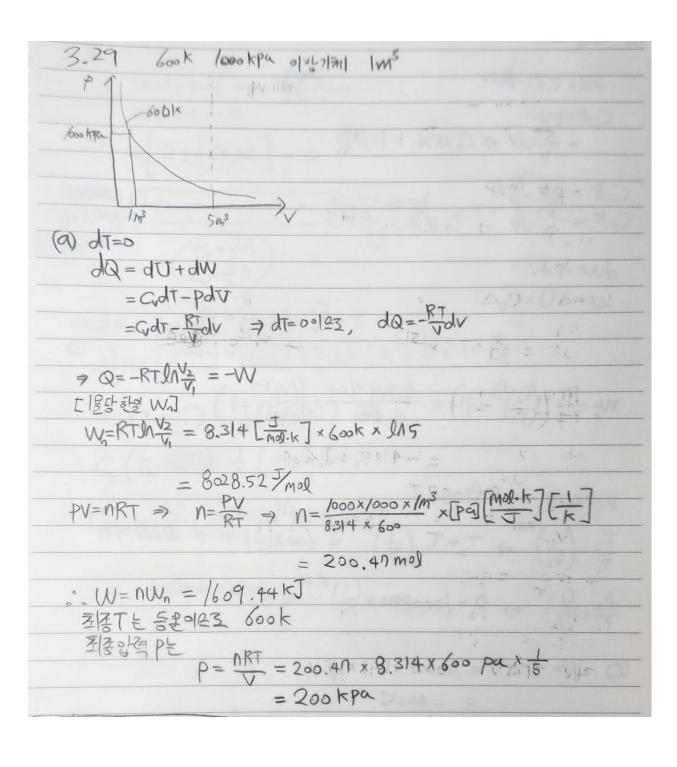
3.9
$$\frac{dV}{dV} = BdT - KdP$$

25 492 $X \Rightarrow dT = 0$
 $\frac{dV}{V} = -kdP = \frac{-C}{VPHD}dP$
 $\frac{dV}{V} = -kdP = \frac{-C}{VPHD}dP$
 $\frac{dV}{V} = \frac{-C}{PHD}dP$
 $\frac{dV}{dV} = \frac{-C}{PHD}$

3.16 下好, 5里 03 4时 다음을 이끌어내다 W= -KdP +BdT = -kdP => ln 1/2 =-k(P2-P1) // 초기상대 (P, V1) => 최종상대 (P2, V2) (B) K = (3) x -K9 395 पर्देशहर ि इत्र २३६ १५०१ स्मा मार्ट 13 मार्टिंग के देवा है। कार्य सम्बंदेश श्रीयका ज्याह हिस्टित ॥ dV=-kdp+BdT の内と dT=0, Kとなるとそろとまろうこまち INV=-KP+CM (C性母型な) 量の量の埋在型は ाम कार्याह पाधिमाम C"हेन्स्ट्रा C"= KP, + JAV, - 82 8/244. ाण V21 Partol ध्रुग युराबाज्य env-snv=-k(p-Pi) In=-k(P-Pi) => V=V,e =Vekre-KP 017 69/141 A(T)= VIERRI 2/2 2/42/2 V= AG) e-K+ 8/3 5/3/4/4

(b)
$$\frac{dV}{V} = -KdP$$
 $\frac{dV}{V} = -KACP e^{-KP}dP$
 $\frac{dV}{V} = -KPACP e^{-KP}dP$
 $\frac{dV}{V} = -KACP e^{-KP}dP$
 $\frac{dV}{V} = -KPACP e^{$





$$\frac{dQ}{dQ} = c_{0}dT - \beta dV$$

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$$\frac{dQ}{dQ} = c_{0}dT - \beta dV$$

$$\frac{RT}{V} dV \Rightarrow QMT_{T_{1}} = RMV_{2}$$

$$\frac{dV}{V} = RT - \beta dP \Rightarrow QMT_{T_{2}} = -RMP_{2}$$

$$\frac{dW}{Q} = -RT - \beta dP \Rightarrow QMT_{T_{1}} = -RMP_{2}$$

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$$\frac{dW}{RT} = -RMP_{2} = -RMP_{2}$$

$$\frac{dW}{T_{1}} = -RMP_{2} = -RMP_{2}$$

$$\frac{dW}{RT} = -RMP_{2} = -$$

3.3|

Steady state
$$\Rightarrow \frac{d(UM)}{d\pm} = 0$$
 $W \& O = 0$
 $A = 0$
 A

