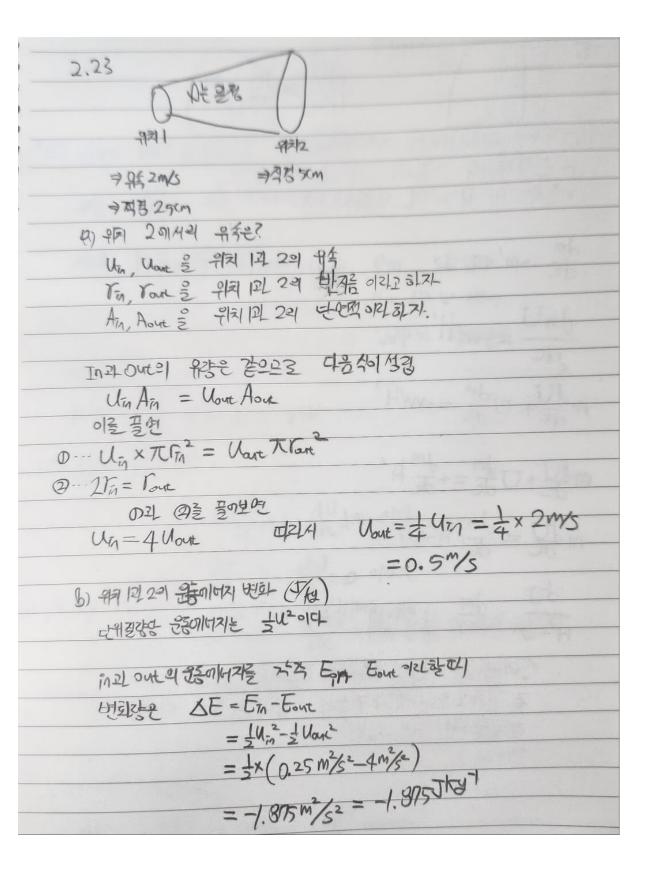
화학 공학 열역학

과제#03

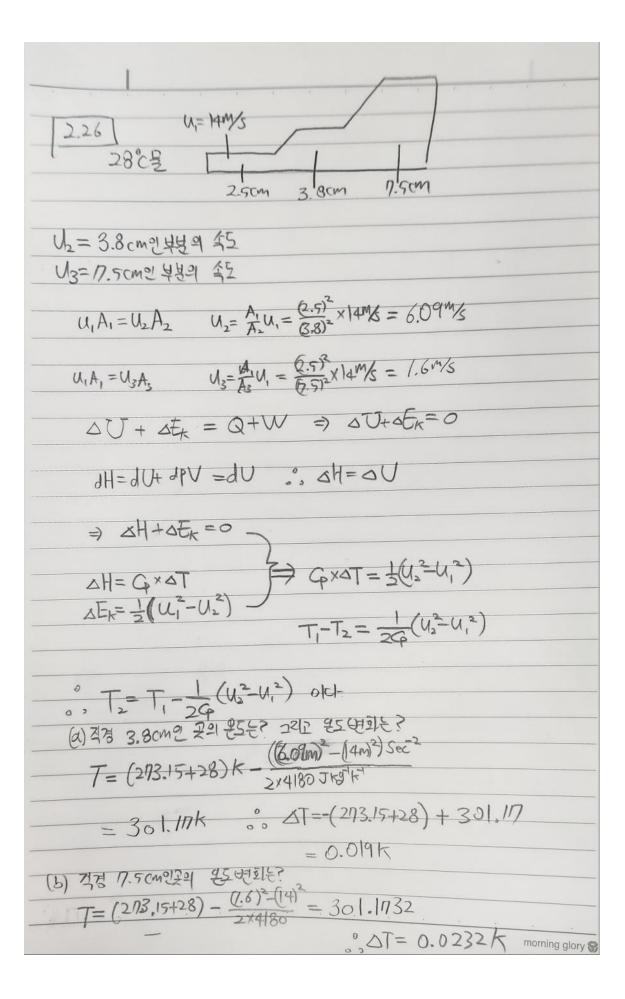
2019101074 화학공학과

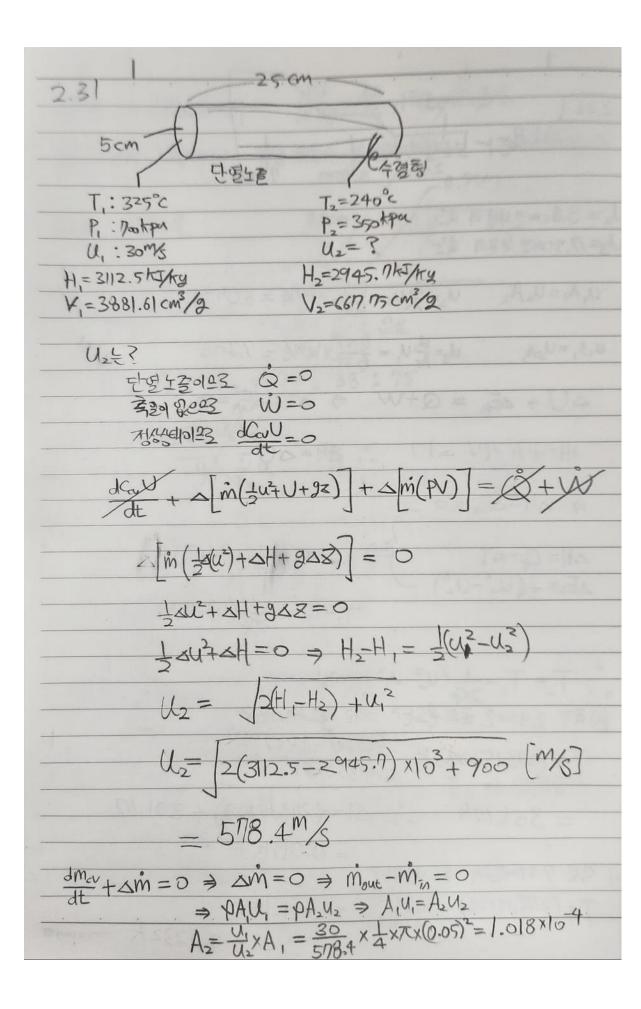
성명: 안용상



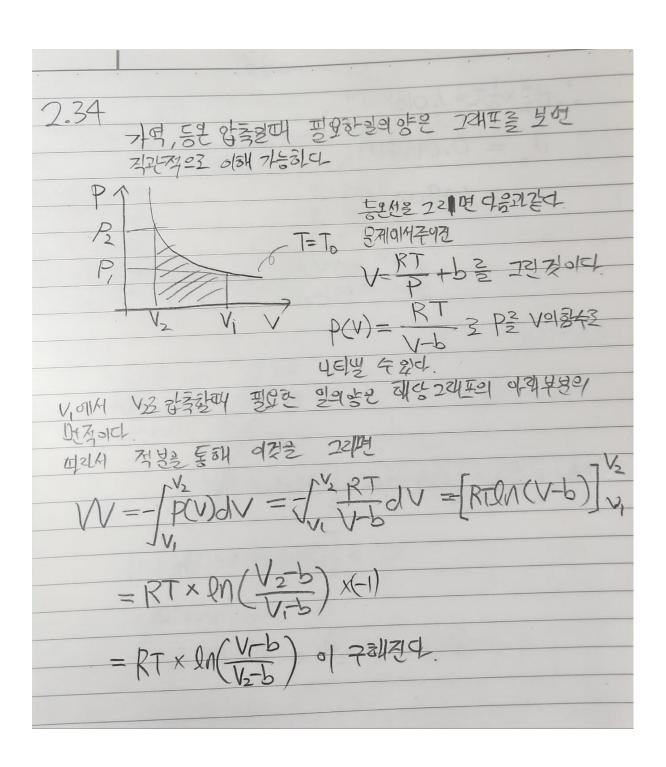
225	m H'
2-)	/m
Jesto (18/	म्मार ध्यानिय गोर्थिय प्राप्त स्था स्थापित स्था राज्यात स्थापित स्थापि
97	7 33 24 2 7
OH	dim = -m olch (4523).
十七	dt- 111 (11328)
	11/2 10-114-1
一一	H'ई अष्टिमप्र
25 0 2901	etatela aH= dU+dV.P+dP.V olly
2 631	banat Agbst ylstsia
	Favir Voll 17 1000 F
त्रायः	93 dH= dU71包口
11/0	all alors of a orch
HE	alt old of the
H'= 3M=	त्मा विष
art	dm -
	dt = dm U + dudm old-
	dt at von de an
	110 dm 10 110
	= 1212 dm =0 dU =0 012102
	dmu = 0 012 dmu = (dm)(du)3 IEI > 15015L
	de -0 12 de - (de 1/de 1-30 %)
	clia di di di
11214	(du) = of the following dim du = m dim
	=-mam
	$=-M\overline{\Delta m}$
1.	MU & Todala
120/11 0	MU S INTELL
015,10	
dmv=-mH' > molu + yolm =+mH'	
dt 4 dt	
	mdu + udm = +dm xH'
	= at the de
	> may = dm (H'-U) = H'-U = m olymorning glory
	> m = = (H-U) = H-U m morning glory
	and and

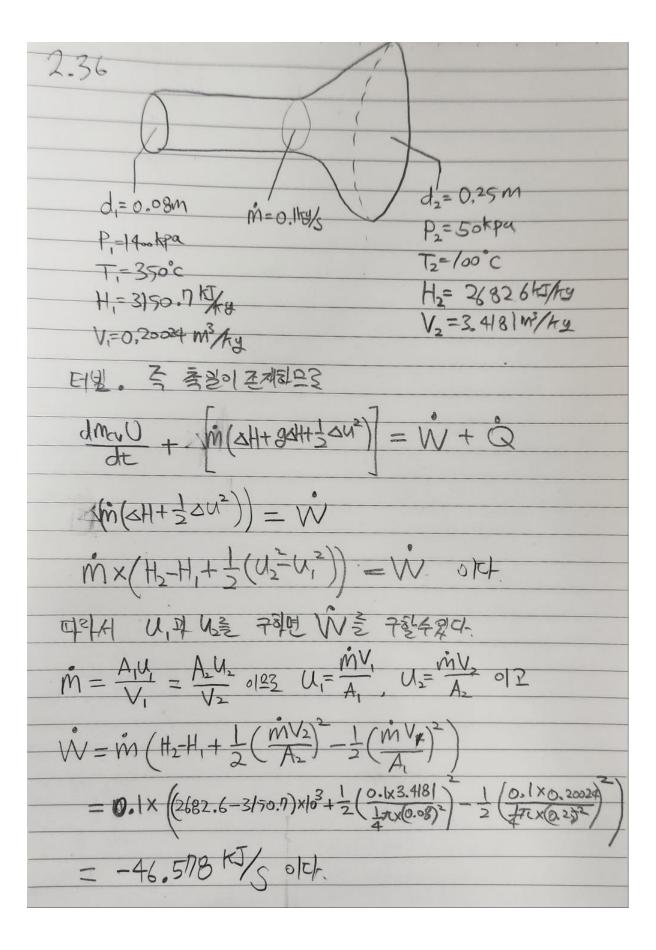
대의서 이 문제상황에서 성인 = dm 이되는 가정은 암직기 부터 내부에서지, 질량 유숙이 원정하나한다는 가정이 또 한다.

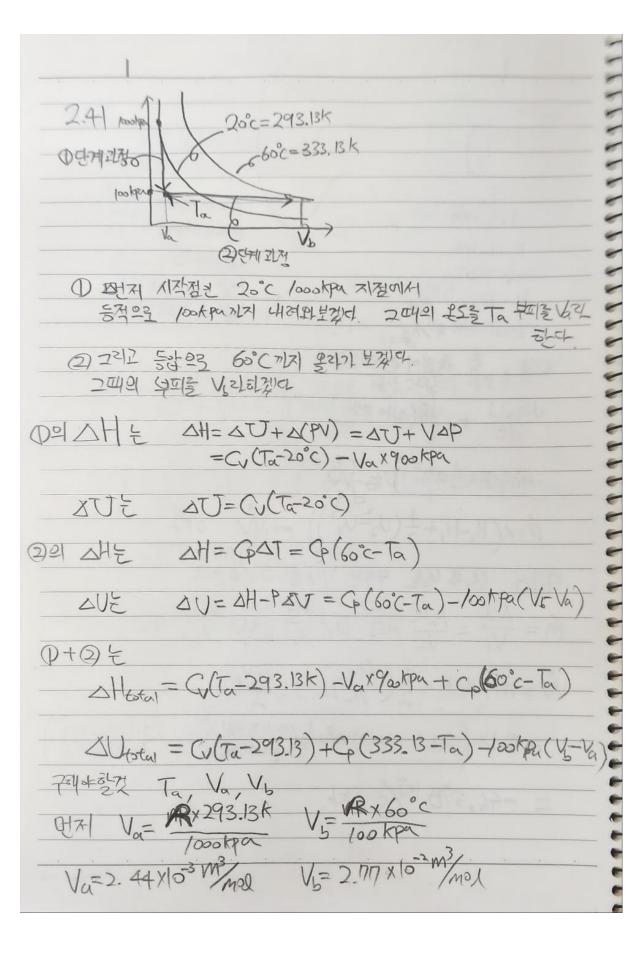




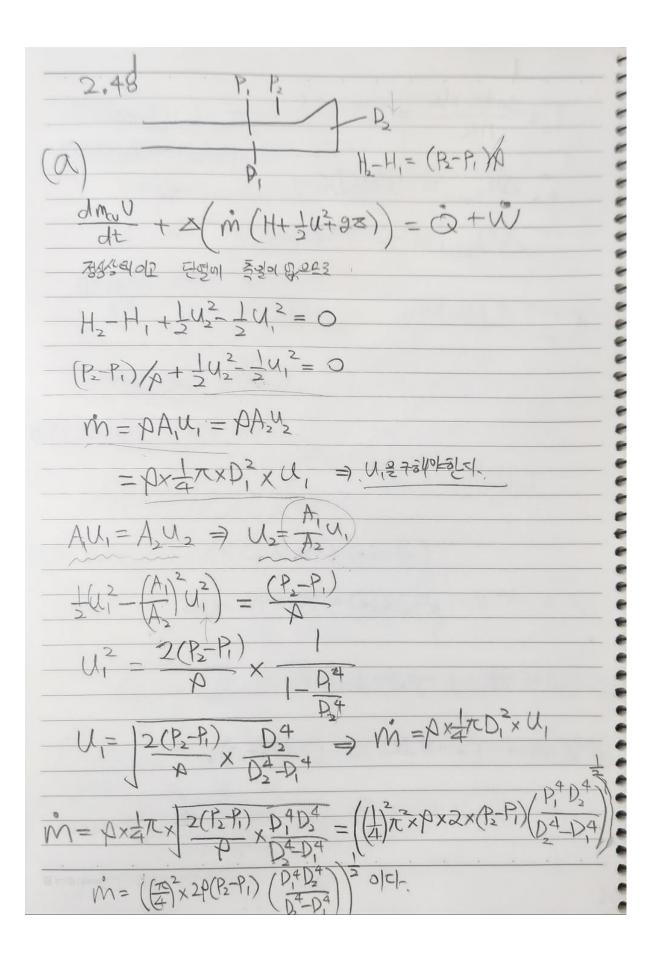
 $\frac{1}{3.002} \times \frac{1}{4} = 1.018 \times 10^{-4}$   $\frac{1}{3.000} = 0.0149 \text{ m}$  = 1.49 cm







Ta= 100 MPa x Va = 29.35 K ) Ta, Va, Vo = 25 2 AH total = 5766 J/Mol AUtotal = -2121.52 J/mol



(b) (a)  $\frac{1}{1}$   $\frac{1}$