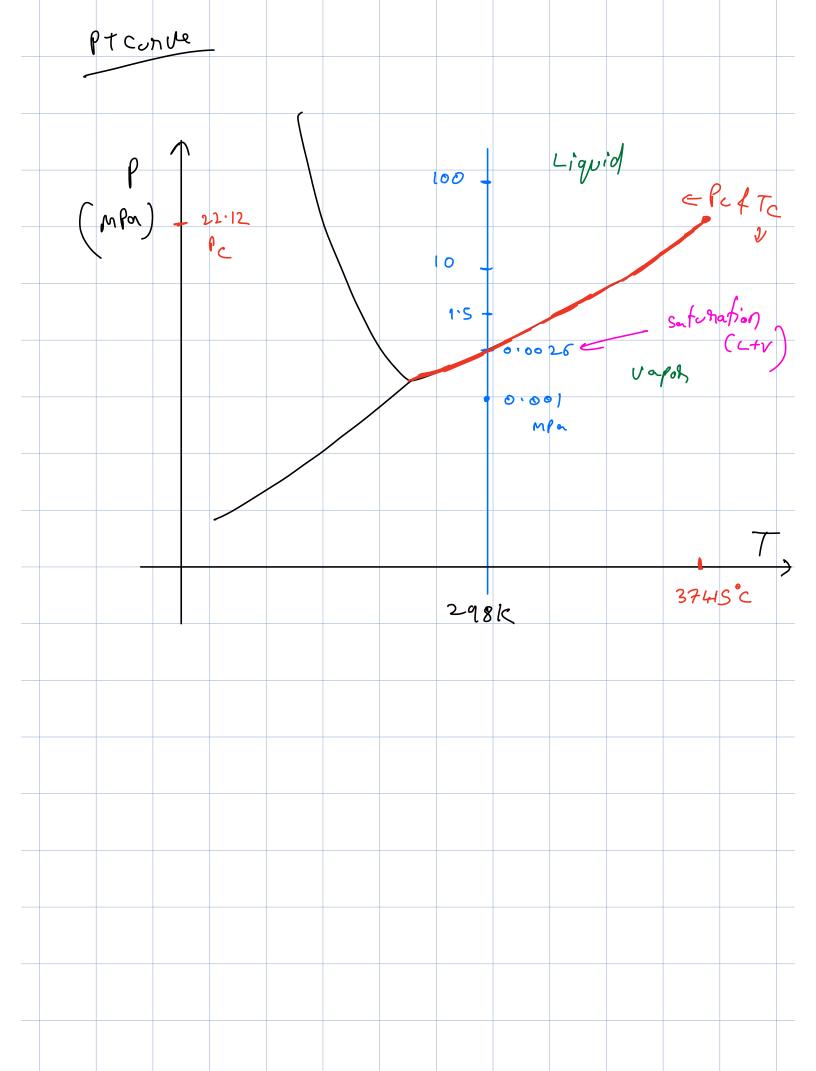
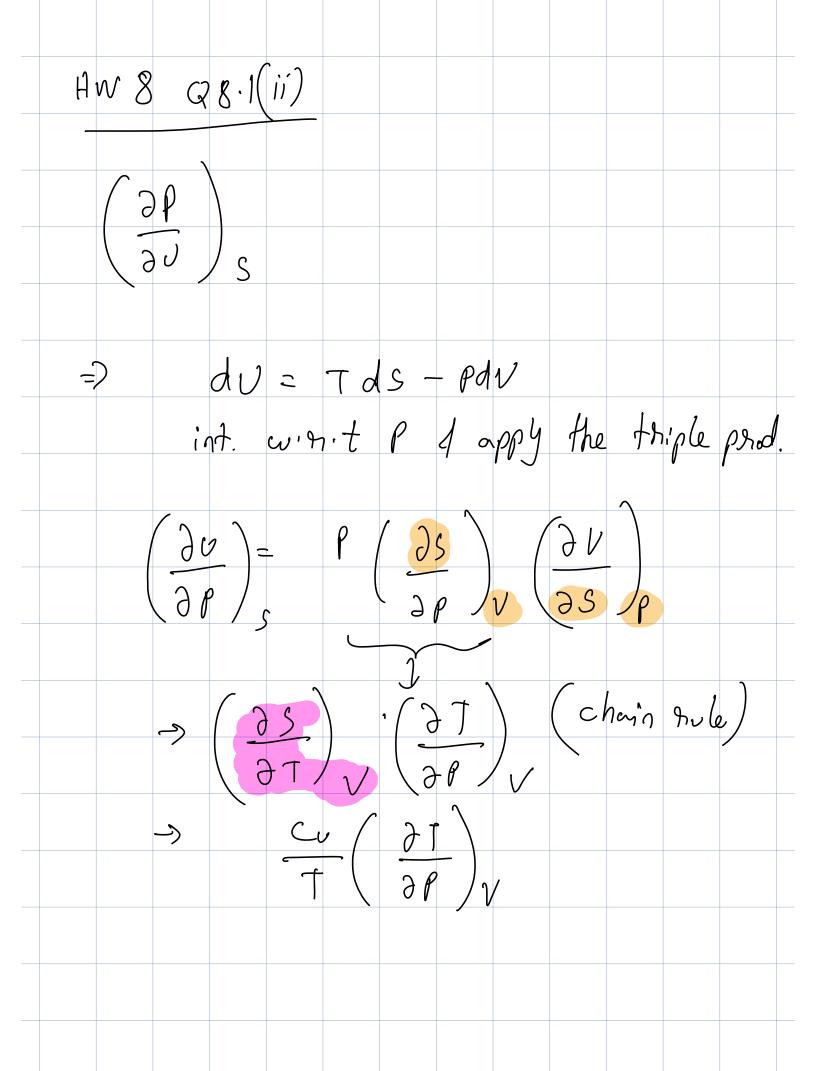
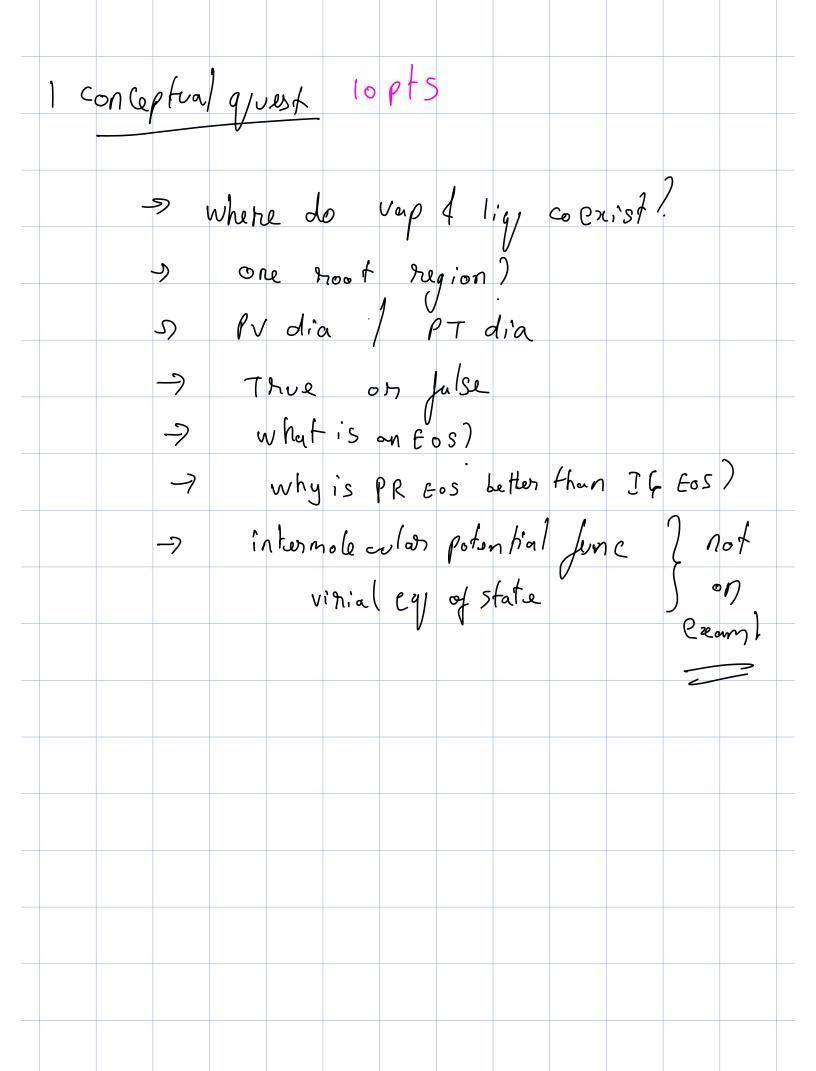
Thenmo I ecitation #13 (05.16.23) Final excem de tails Overview of new material

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IOPHS Ishont guestion: Proving differential correlations \* Should arrive at an answer in 3-4 steps governing equations: -> du = - Pdv + Tds -> d&= vdp - SdT  $\rightarrow$  dA = -Pdv - SdT> dH = tds + vdp Basic identities: Cyclic thiple product:  $\left(\frac{\partial x}{\partial y}\right)_{\mathcal{F}} \left(\frac{\partial y}{\partial F}\right)_{\mathcal{X}} \left(\frac{\partial F}{\partial x}\right)_{\mathcal{Y}}$ 





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Everyone

. Jon your cram of the journey ahead.