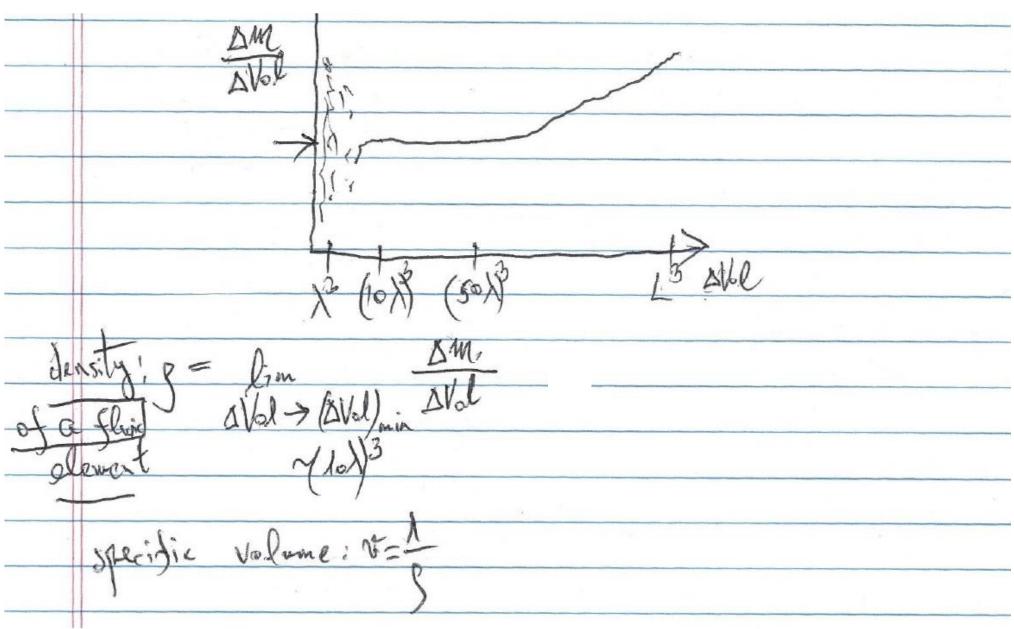
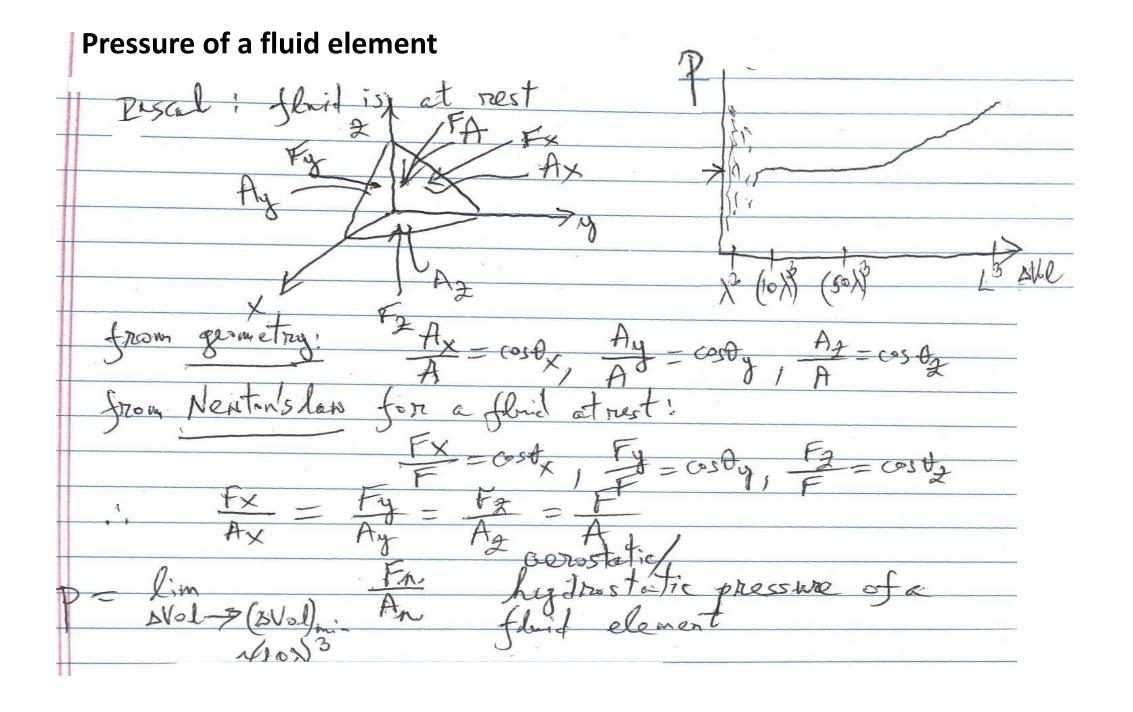
Flid proporties Avol = Zhumolec insite AVol as the DVal goes below > Am loses it identity

Density of a fluid element

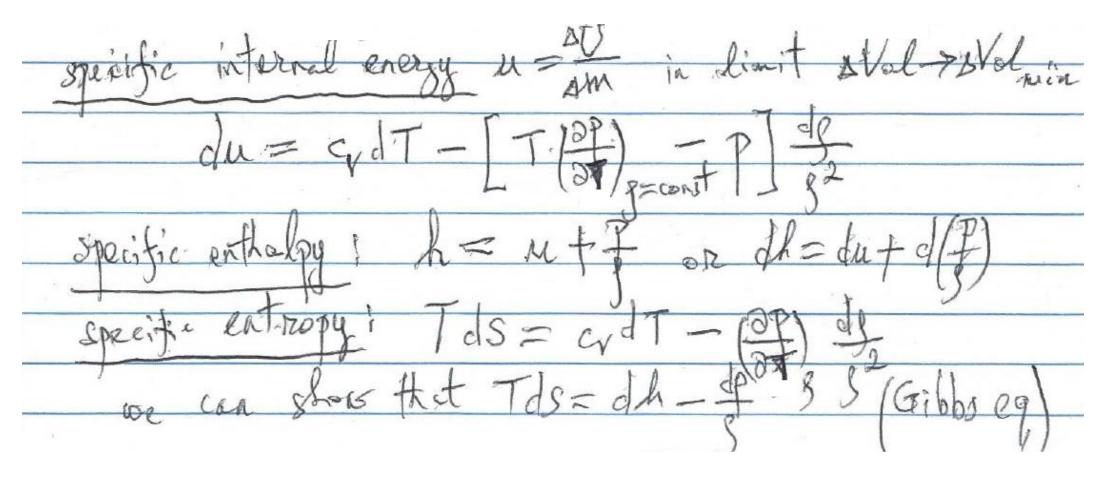




(air, water, steam) small and may be reslected normal stress

Temperature of a fluid element

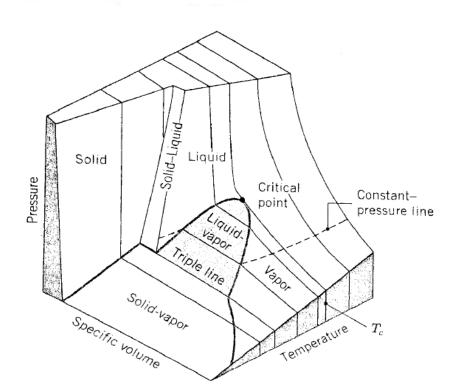
Other thermodynamic properties of a fluid element



A simple compressible fluid a fluid where 2 properties define the rest.

For example, P=f(S,T) eq of state

pressure is a surface above S,T plane.



Phase diagram: Solid, li The triple line - co existence of Solid-liquid i.e. there is a need for large pressure changes to measure small specific volume changes for systems with T=const and small pressure tranges present many be identized (30) to note this anodorate, i.e. small changes of p

For geoses pressure is the specific gas constant = is the universal gas constant Ne sbooks i For low pressure and low density coalitions