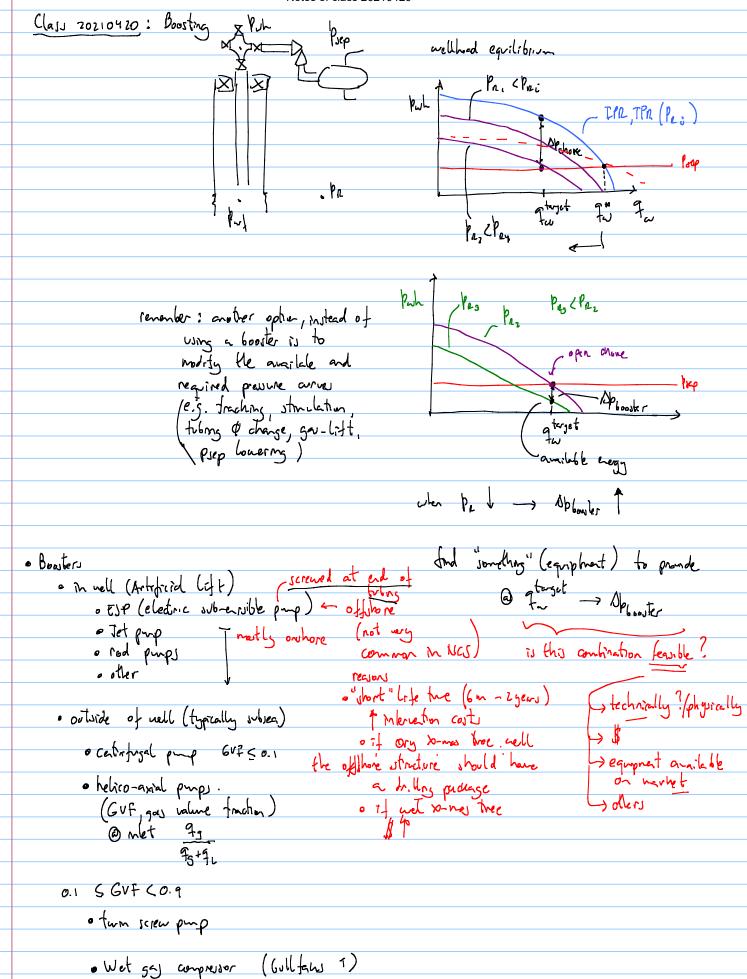
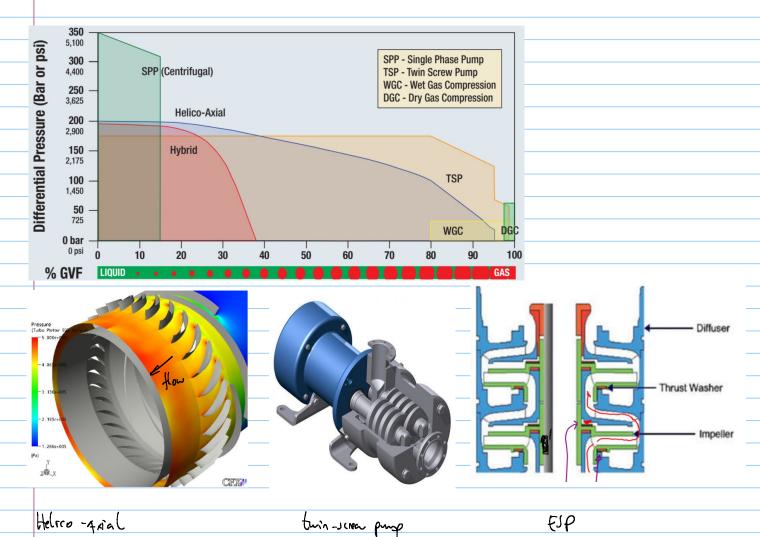
O.B S GUF

· Orig 550 compressor GVF) 0.97 (Asgard 1)



(2)



The control of the co

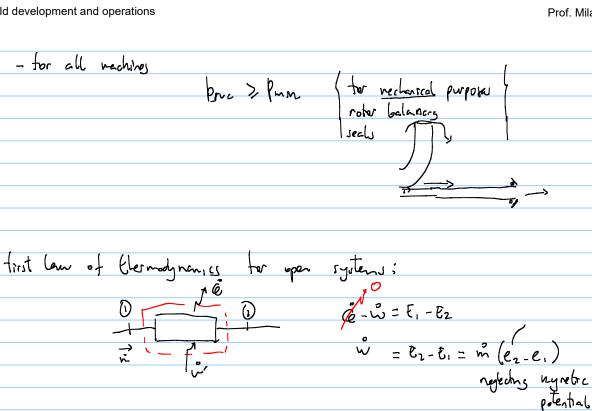
Determing bedral feasibility of booster

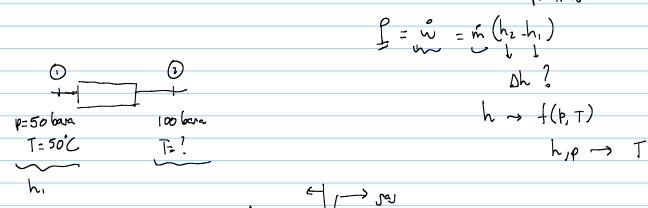
if single phase purp (signed only)

Otherwise -> multiphase purp + th

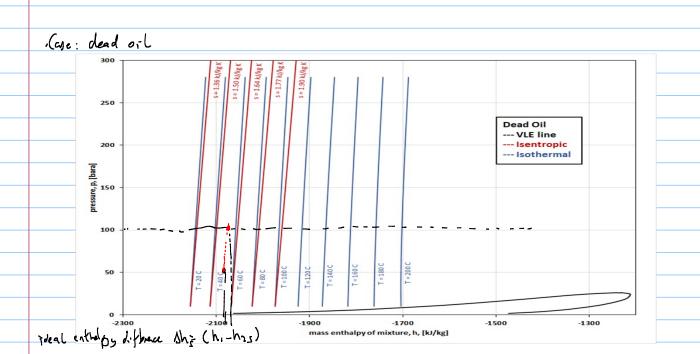
otherwise - multiphose pup the La upstream separation

If single phase compressor | Pad (time) - Fickely





pressure enthalpy dragram nater - Molliere diagram



(1) -2087.298387096774, 50.47013977128336

from chart

(i) -2080.040322580645, 100.78780177890721

$$h_{(p,\tau)} = (h_{p,\tau} - h_{mf})$$

$$h_{(p,\tau)} = (h_{p,\tau} - h_{mf})$$

$$h_{mf} > h_{p,\tau}$$

$$h_{mf} > h_{p,\tau}$$

$$h_{mf} > h_{p,\tau}$$

$$h_{mf} < h_{p,\tau}$$

ideal Power = 46.3 kw

nadiab	required power [kW]
0.3	154.2
0.4	115.6
0.5	92.5
0.6	77.1
0.7	66.1
0.8	57.8