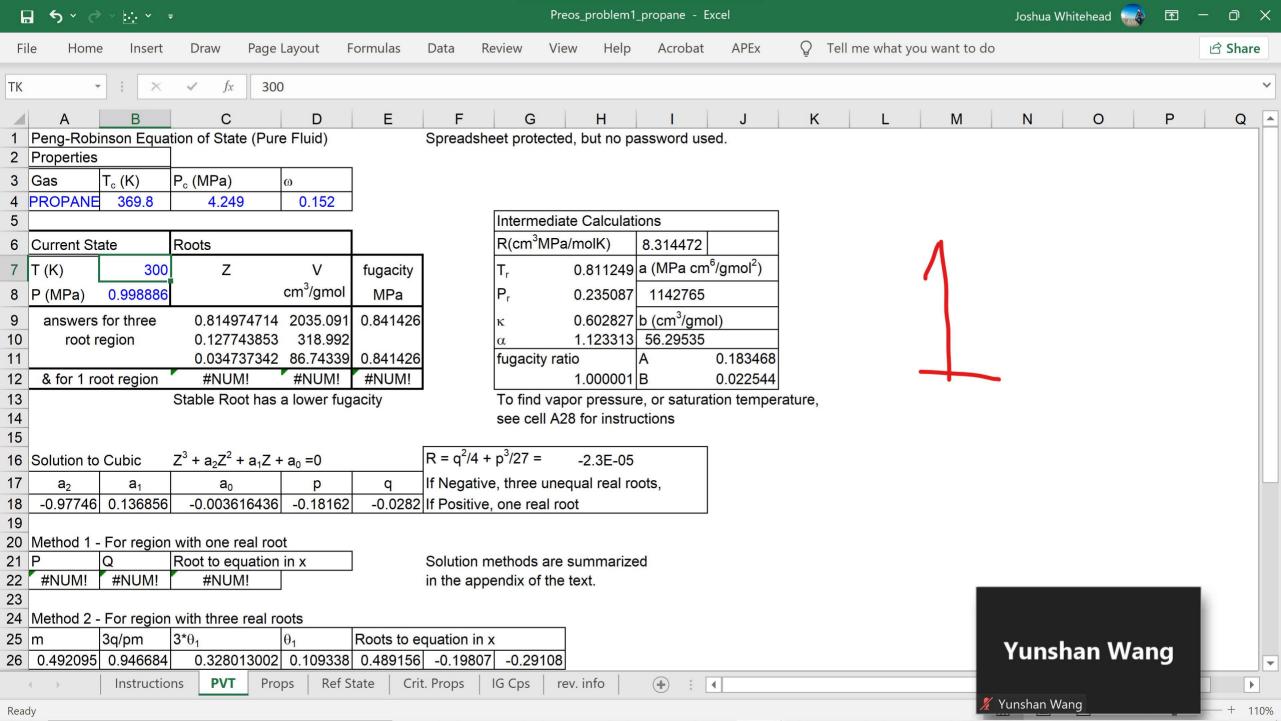
Josh whitehead Ch En 3853 Page 1 P5, 2 0,999 MPa / 2m (Sat = 0.841 MPa) (Sut = FSAT = 0.841 = 0.842 F' = = psat . Psat exp (P-Psat) - 0.842 -0.999 exp (10-0.999 -80) = 1.12 MPa = - 1+ 15P = 1+ -397 = 0.1 = 0.984 ln 0 = 5 (2-1) dp -> L 0= 5 BR dp = 5 BB :. In 0 = BT ] = BP = -0.0159 0 - exp(-0.0159) = 0.984 MPa



2b) H2-H, = 4000691-0 = 4.00 X104 5 H2-Hin = -180,115 = -1.80x02 3 Closed, Constant P .. DH = Q DH=4000691 = 10mol = 400069.1 = = 4.00×10 5 ] d) WEC = - S. PAN = - PDN 2-P (U2-V,) V, 2112,99208 Com V2 2 32210,152 (m3 : WEC = -1013526 (35510.125-115 daso8) (mg) -3.25×10 Pacm3 =10 mol = -3.25×10 Pacm3 WELZ -3.25×10 10 Pacm3 = 1 m3 = 3,25×10 7

