$$S_{Hg} = 13.6 \text{ gm/cc}$$

Force exerted to wall
$$\Rightarrow$$

$$F = \frac{b g g h^{\gamma}}{2}$$

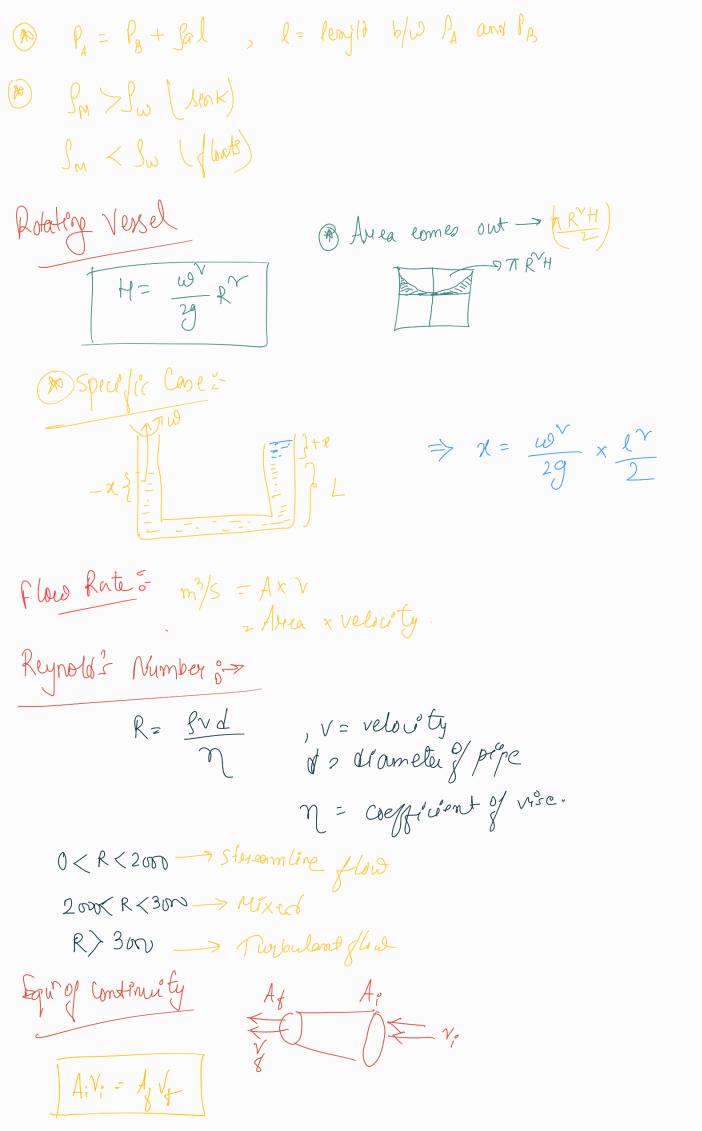
No. Stop entation,
$$\chi = \frac{h}{3}$$
 from base

Buzyany decreases with increase in Temperature

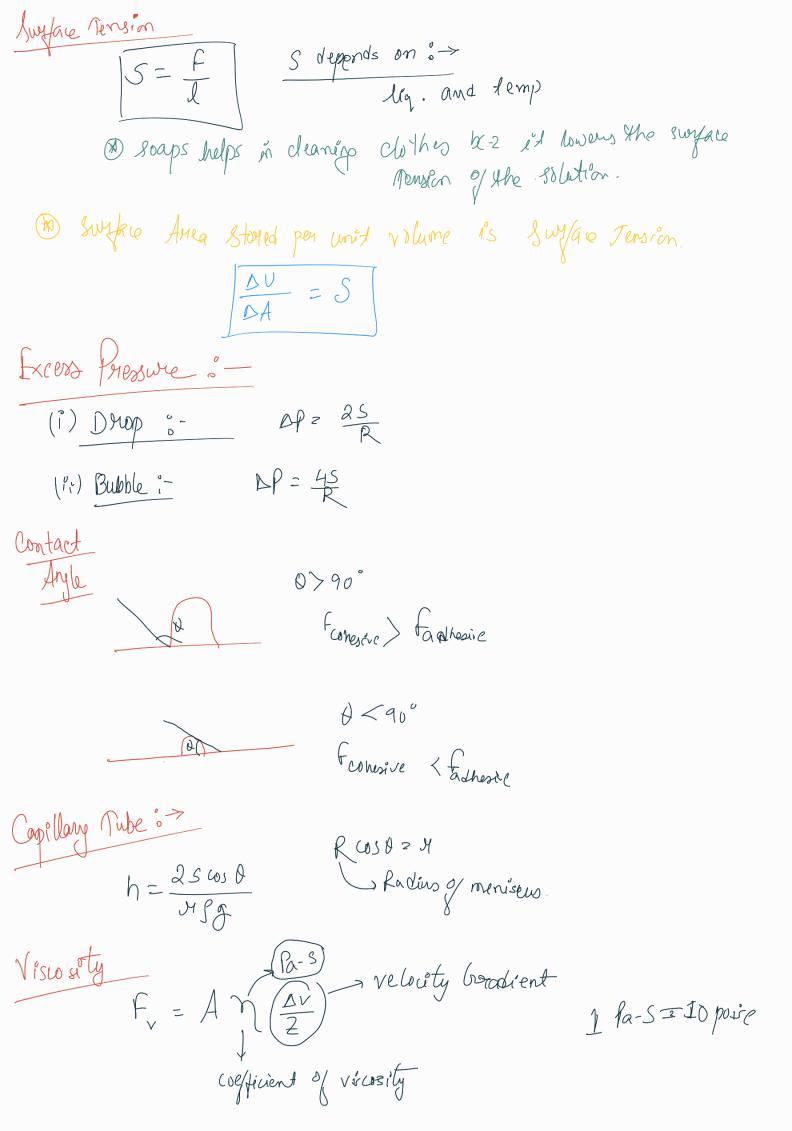
$$\begin{array}{lll}
\Theta & \omega_1 \left(\ln \omega_{11} \right) = \left(\frac{V_c S_c g + V_a S_a g}{V_c S_c g + V_a S_a g} \right) \\
\omega_2 \left(\ln \omega_{11} \right) = \left(\frac{V_c S_c g + V_a S_a g}{V_c S_a g} \right) \\
\omega_3 \left(\frac{U_c S_c g}{V_c S_a g} \right) = \left(\frac{V_c S_c g}{V_c S_a g} \right) \\
\omega_4 \left(\frac{U_c S_c g}{V_c S_a g} \right) = \left(\frac{V_c S_c g}{V_c S_a g} \right) \\
\omega_5 \left(\frac{U_c S_c g}{V_c S_a g} \right) = \left(\frac{V_c S_c g}{V_c S_a g} \right) \\
\omega_6 \left(\frac{U_c S_c g}{V_c S_a g} \right) = \left(\frac{V_c S_c g}{V_c S_a g} \right) \\
\omega_7 \left(\frac{U_c S_c g}{V_c S_a g} \right) = \left(\frac{V_c S_c g}{V_c S_a g} \right) \\
\omega_8 \left(\frac{U_c S_c g}{V_c S_a g} \right) = \left(\frac{V_c S_c g}{V_c S_a g} \right) \\
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\omega_8 \left(\frac{U_c S_$$

Accelerating Liquid

$$\begin{array}{c|c}
 & \uparrow \\
 & \downarrow \\
 \\$$



Bernoulle's Equ" :-Based on energy conservation -> $P + gH + \frac{1}{2}gV = const.$ $ef \frac{a}{4} < < 1$ 51 D V= J294. ⇒ Usi'y Bornoulli's equi-> $\Rightarrow 80 + 89(\frac{2H}{3}) + 289\frac{H}{3} = 90 + \frac{1}{2}18 v_2^{\gamma}$ $\frac{29 \, \text{H}}{3} + \frac{29 \, \text{H}}{3} = V_2^2$ $\Rightarrow \frac{49H}{3} = V_2^{\gamma}$ >> V2 = \(\frac{4gH}{3} \) (Am) Forces Adhesive Cohesive Glors + HW water - water glas- glass



Stock's Law (used in falling) F, 2 6 17 7 RY Rominal velocity > $V_{p} = \frac{2}{9} \frac{R^{2}\theta}{\eta} \left(\int_{m}^{\infty} - \int_{a}^{\alpha} \right)$ Poiseville Gur for Rati 9/60

 $V = \frac{\pi(pp)Py^{4}}{8\eta l}$