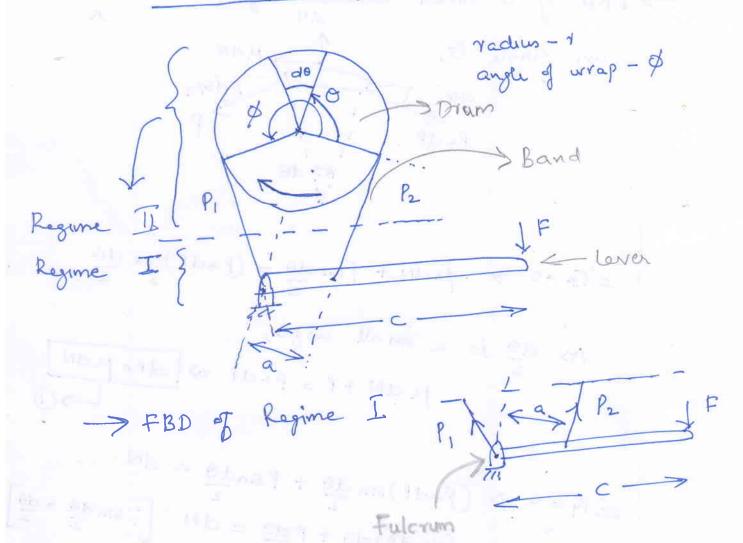
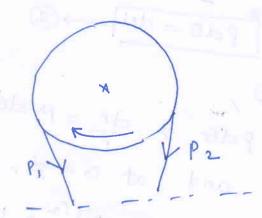
Simple Band brakes



-> FBO & Regime II



-> from the FBD of Regime I, taking moments about the fulctum of lever, $Fc = \frac{1}{2}a \Rightarrow F = \frac{1}{2}a$

From (1) and (2), $dP = M \cdot P d\theta \Rightarrow dP = M d\theta.$ $dP = M \cdot P d\theta \Rightarrow dP = M d\theta.$ At $\theta = 0$, $P = P_2$ and at $\theta = \emptyset$, $P = P_1$ $P_2 = M d\theta \Rightarrow [ln P]_{P_1} = M \theta$ $P_2 = M \theta \Rightarrow [ln P]_{P_1} = M \theta$ $P_1 = M \theta$ $P_2 = M \theta$ $P_1 = M \theta$ $P_2 = M \theta$ $P_1 = M \theta$

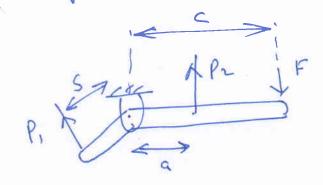
The maximum normal pressure occurs when $0 = \emptyset$ is $P = P_{max} = P_{1}$

Differential band brakes

- Neither side of the band

passes through the fulcium

FBD of the level





For self locking,

