$$p = (H+L)$$
 $x = 0$
 $y = 0$

$$tan \times = \frac{Re}{H} = \frac{Rs}{(H+L)}$$

#. Defining a New variable
$$p$$
:

Such that:

$$p = (H+L-M)$$

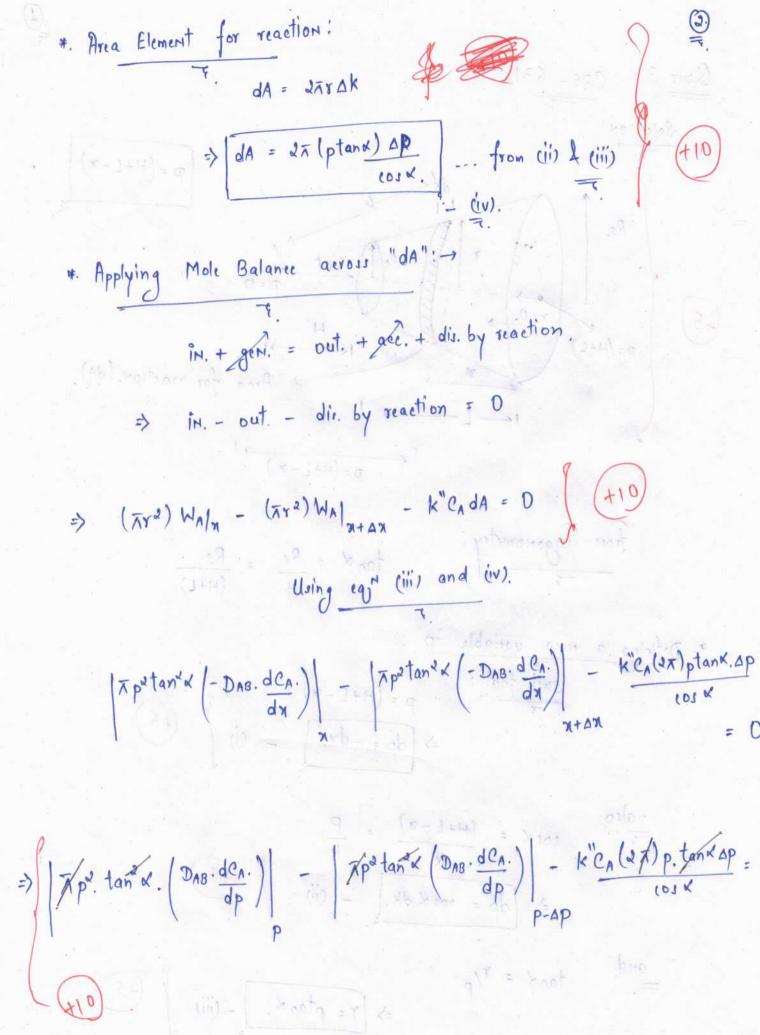
$$\Rightarrow dp = -dM$$

$$\Rightarrow (H+L)$$

$$eos k = \frac{(H+L-2i)}{k} = \frac{P}{k}$$

$$\Rightarrow dp = eos k dk - (ii)$$

and,



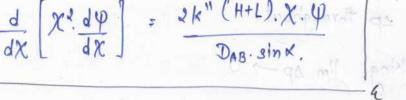
$$\lim_{\Delta p \to 0} \left| \left| p^{2} \left(\frac{D_{AB} \cdot dC_{A}}{dp} \right) \right| - \left| p^{2} \left(\frac{D_{AB} \cdot dC_{A}}{dp} \right) \right| = \lim_{\Delta p \to 0} \left| \frac{dK''C_{A} \cdot p \cdot 4p}{co.K, tanK, 4p} \right|$$

$$\Rightarrow \frac{d}{dp} \left(p^2 \frac{de_A}{dp} \right) = \frac{2p \, k'' e_A}{D_{AB} \cdot sin \, k} \qquad - (v)$$

Let:
$$\chi = \frac{P}{H+L}$$
 and, $\psi = \frac{C_A}{C_{AJ}}$

$$\frac{d}{d\chi} \left[\chi^2 \frac{d\phi}{d\chi} \right] = 2k'' (H+L) \cdot \chi \cdot \psi$$

$$D_{AB} \cdot \sin \kappa \cdot$$





Now for Boundary conditions;

$$p = H : \frac{dCA}{dp} = 0$$

$$\chi = \frac{H}{(H+L)}$$
; $\frac{d\psi}{d\chi} = 0$

Physica Tois in con (11)

2/4 (746).