

Fick's egin:

NAT - CDAB 3/4 + YA (NAT NBD)

! NB.Y = - 1 NAY

$$\Rightarrow r^2 N_{A} \cdot r = - C D_{AB} \left(\frac{1}{1 + \frac{2}{3} \gamma_A} \right) d\gamma_A$$

$$||P| = - C D_{AB} = - C D_{AB$$

=
$$2\pi R C D_{AB} D_n (1.67)$$

0.4 cm $C = \frac{P}{RT} = \frac{1.0/3 \times 10^{5} Ra}{5.3/4 Ra m^{3} \cdot 1000 \text{ k}}$.

What