A - Steady State flux model.

NA = Dag de dy.

Nr = Dre [Cao - Cas].

B. Atexage Thux Across Membrane and boundary laper.

Ma= Kc (CAs-CAX)

CAB = NA + CAX.

NA = DAR [CAD-CAD] = DAR [CAD-NA - CAX]

NA - [Can-Gaz] Dage = (1+ DAE L]

No = CAO - CAX

The Harmonian Kc.

C. If Kess Dae, flux would be limited by the flux through

D. Flow it traster resistence is in the Membrone.

MA = 3-32×10 mol/cm2.8.

E. Flux 4 transfer resistance is in the Soundary lyer.

$$N_{A} = 6.3 \times 10^{-10} \frac{\text{Mole}}{\text{Cm}^{2} \cdot \text{s}}$$

F Biot number Bi = Kel

Most of the resistance to mass transfer is through