$$\int \frac{D}{Dt}(\vec{v}) = 0 \rightarrow \text{For creeping } flow$$

Flow Type

B Rectilinean flow, steady State, Lamina

(2)

Rectilinean, one directional thow, steady state, Laminar, Sku = constant

- 3) unsteady state flow v = V + t, x, y, z, $e^{i\theta}$, $e^{i\theta}$,
 - Boundary layer flow

 Boundary layer flow

 mear the

 solid surface
 - 5) Potential flow -> Flow far from the solid surface

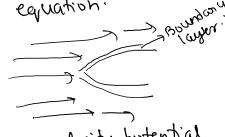
Shell momentum balance

Navier Stolke's Equation

Marier Stoke's Equation

- 1) Semi Infinite fluid > combination of variables
- @ Bounded fluid Separation of variables.

Von-Karman Integral equation:



using relocity potential