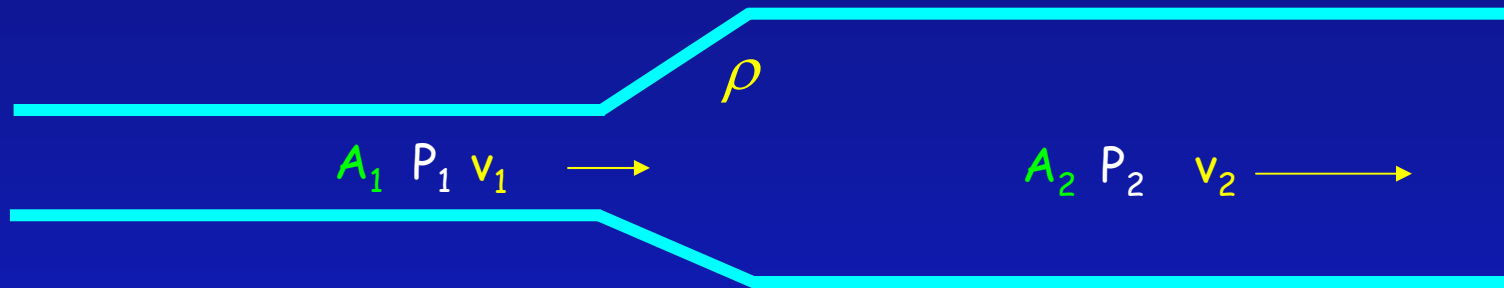


Fluid Flow Concepts



- Mass flow rate: ρAv (kg/s)
- Volume flow rate: Av (m^3/s)
- Continuity: $\rho A_1 v_1 = \rho A_2 v_2$
i.e., mass flow rate the same everywhere
e.g., flow of river