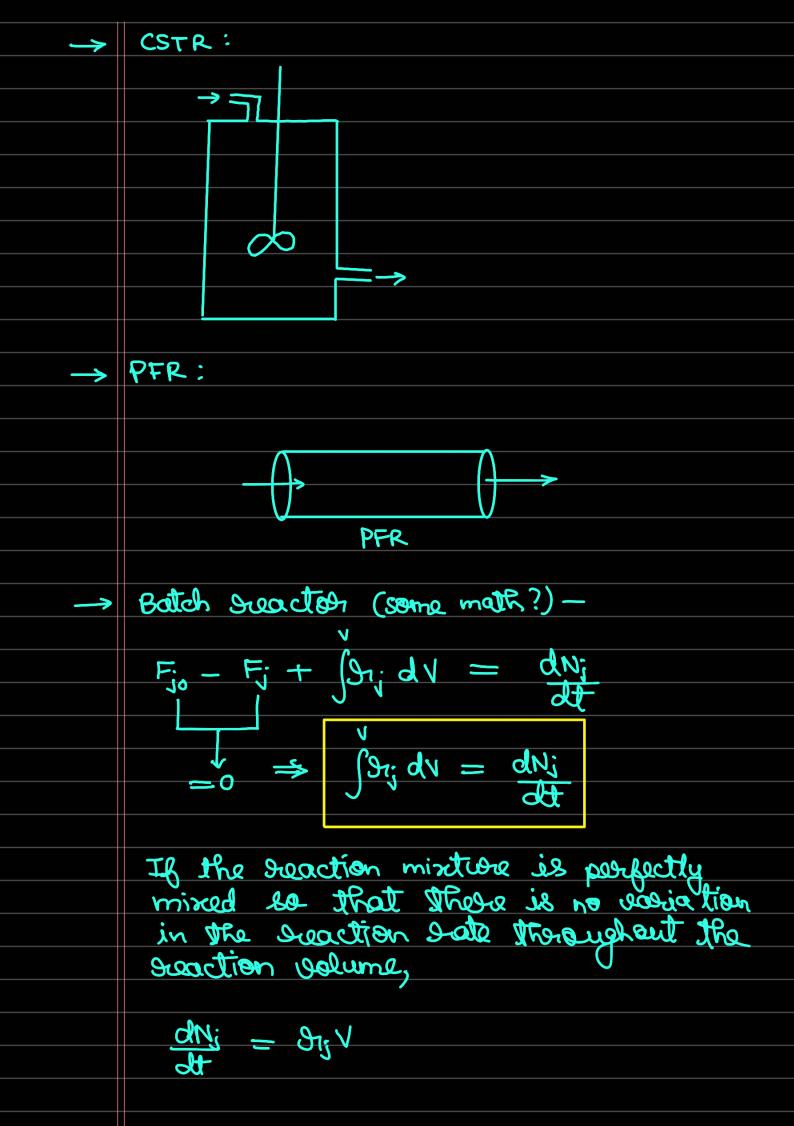
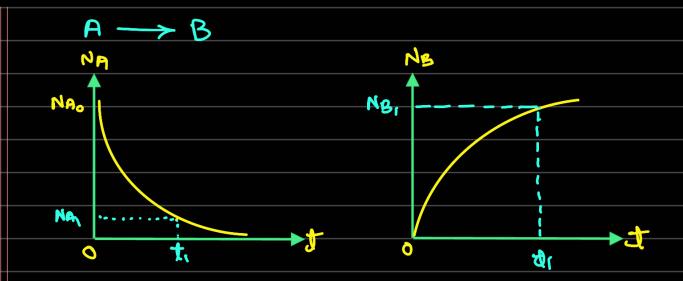


→ Batch Preactor:







$$\frac{dN_{A}}{dt} = \frac{9r_{A}V}{NA_{1}}$$

$$\Rightarrow \int_{0}^{\infty} dt = \int_{0}^{\infty} \frac{dN_{A}}{9r_{A}V} = \int_{0}^{\infty} \frac{dN_{A}}{-9r_{A}V}$$