

वाल्ट हॉफ गुणक

विघटन



अणुसंख्य गुणधर्म

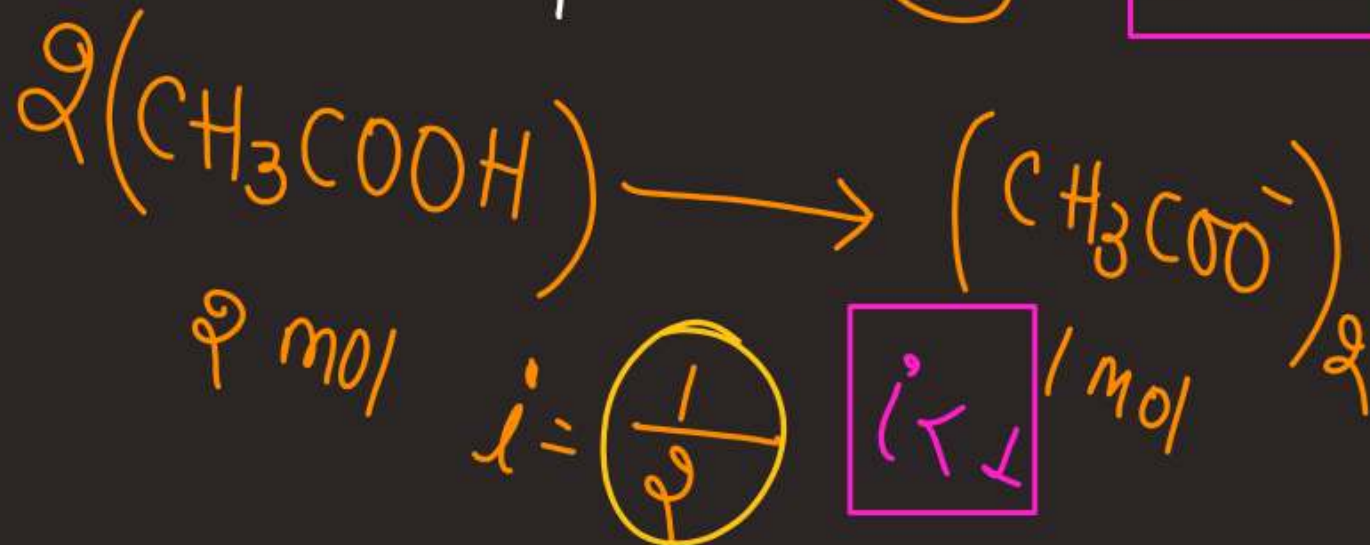
$$\rightarrow \frac{p^0 - p^s}{p^0} = \frac{n}{n+N}$$

$$\rightarrow \Delta T_b = K_b C_m$$

संगुणन

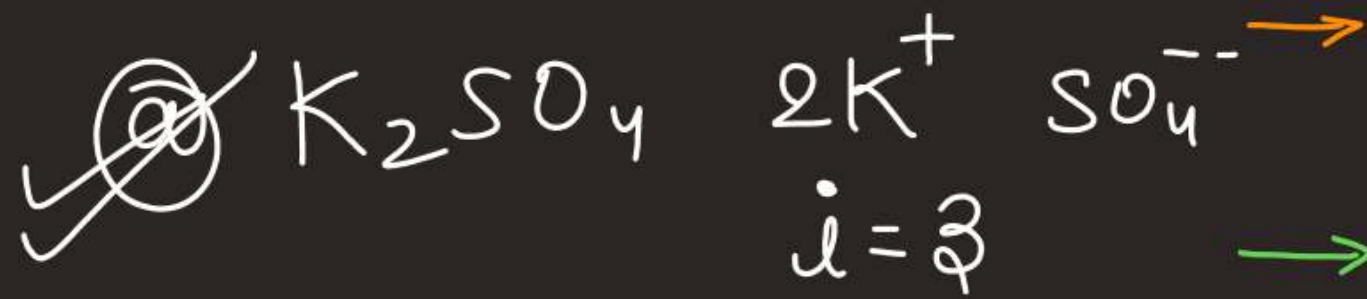
$$i = \frac{2}{1} \Rightarrow 2 \rightarrow \boxed{i > 1}$$

$$\rightarrow \Delta T_f = K_f C_m$$



$$\rightarrow \pi = CRT$$

हिमांक का अवनमन अधिकतम?



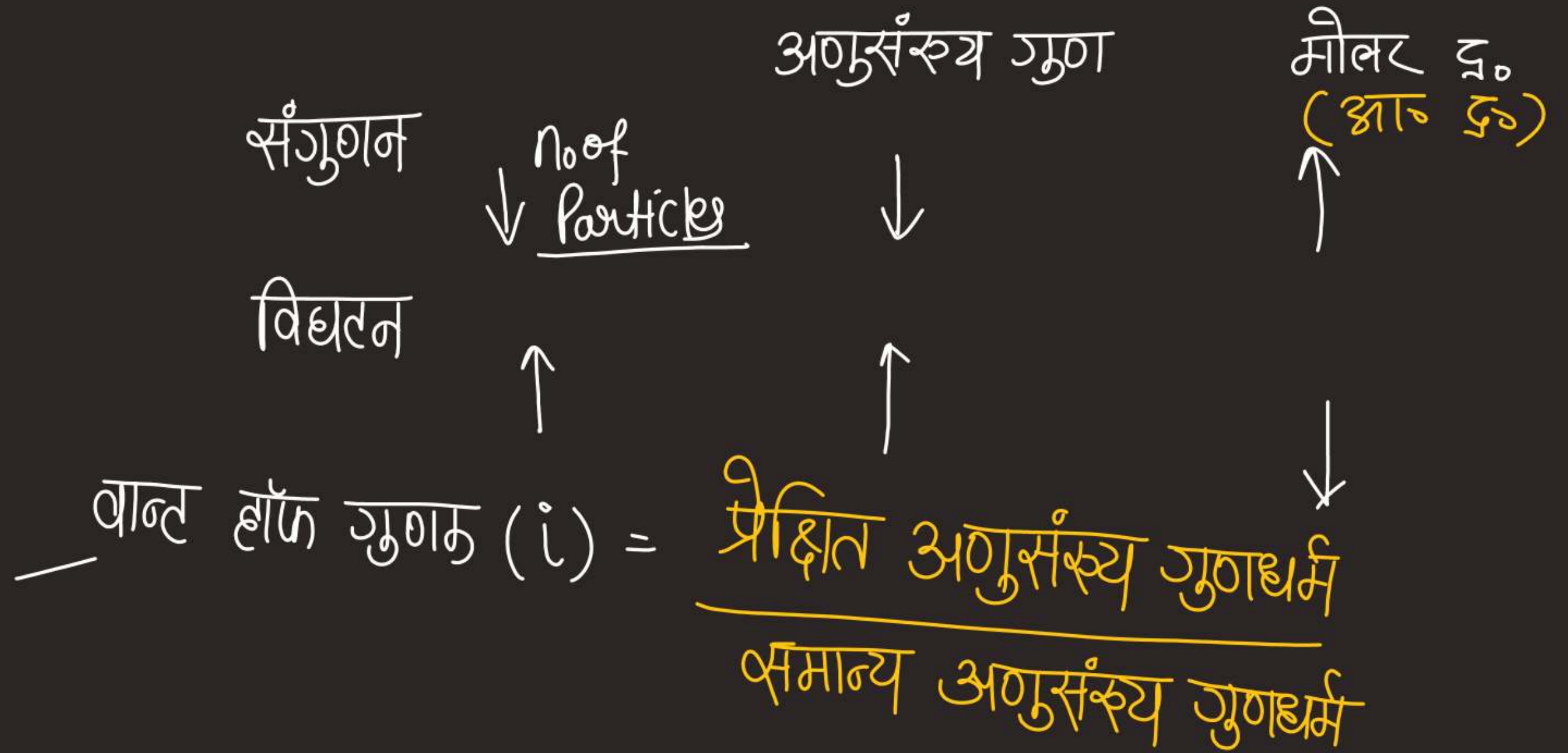
$$\frac{P_0 - P_s}{P_0} = i \frac{n}{n+N}$$

$$\Delta T_b = i K_b C_m$$



$$\Delta T_f = i K_f C_m$$

$$\Pi = i CRT$$



$$\text{वान्ट हॉफ गुणक (i)} = \frac{\text{सामान्य आ० द०}}{\text{प्रैक्षित आ० द०}}$$

→ संगुणन $i < 1$

→ विघटन $i > 1$