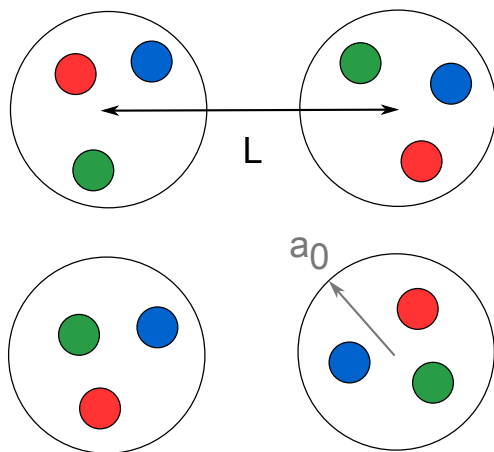
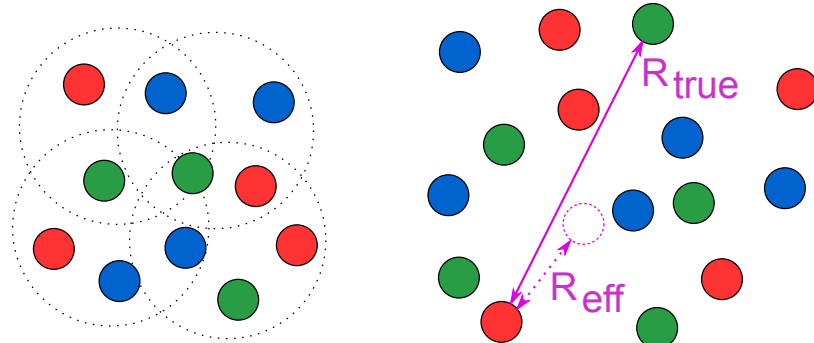


type 1 : Confinement



type 2 : Deconfinement



Critical threshold : $L \sim a_0$

$$\hookrightarrow \rho_{\text{eff}} \sim (1.8/0.9)^3 \cdot \rho_0 \sim 8 \cdot \rho_0$$

State of surrounding nucleons :

L , inter-hadron distance $\sim 1.8 \text{ fm}$

a_0 , nucleon radius $\sim 0.9 \text{ fm}$

ρ_0 , typical nuclear density $\sim 0.17 \text{ nucleon/fm}^3$