

$$A = [\alpha_1, \alpha_2, \alpha_3, \dots, \alpha_n] \longrightarrow \left[ \begin{array}{c} \sqcap \\ \sqcup \end{array} \right]$$

$$B = [\beta_1, \beta_2, \beta_3, \dots, \beta_n] \longrightarrow \left[ \begin{array}{c} \sqcap \\ \sqcup \end{array} \right]$$