

$$A = \{a_1, a_2, a_3, \cdots, a_m\}$$

$$\begin{array}{ccccccc} \uparrow & \uparrow & \uparrow & & \uparrow & & \uparrow \end{array}$$

$$B = \{b_1, b_2, b_3, \cdots, b_m, \overbrace{b_{m+1}, \cdots, b_n}\}$$