

$$\begin{array}{ccc}
\left\{ \begin{array}{c} \mathbb{J} \triangleleft \mathbb{K} \\ \mathbb{I} \triangleleft \mathbb{K} \end{array} \right\}^{\mathbb{N}} & & \\
\updownarrow & \swarrow & \\
\begin{array}{c} \mathbb{I} \triangleleft \mathbb{K} \\ \mathbb{I} \triangleleft \mathbb{K} \end{array} & \mathbb{I} \triangleleft \mathbb{K} = \mathbb{I} \triangleleft \mathbb{K} & \\
\downarrow & \searrow & \\
\left\{ \begin{array}{c} \mathbb{J} \triangleleft \mathbb{K} \\ \mathbb{I} \triangleleft \mathbb{K} \end{array} \right\}^{\mathbb{N}} & & \\
\mathbb{I} \triangleleft \mathbb{K} = \mathbb{I} \triangleleft \mathbb{K} & &
\end{array}$$

