

$$\left\{ \begin{array}{c} X: X_x \longrightarrow X_y \longleftarrow X_z \longrightarrow X_w \\ \cup \\ X_3: X_{3x} \longrightarrow X_{3y} \longleftarrow X_{3z} \longrightarrow X_{3w} \\ \cup \\ X_2: X_{2x} \longrightarrow X_{2y} \longleftarrow X_{2z} \longrightarrow X_{2w} \\ \cup \\ X_1: X_{1x} \longrightarrow X_{1y} \longleftarrow X_{1z} \longrightarrow X_{1w} \end{array} \right\} \longleftrightarrow \left\{ \begin{array}{c} \begin{array}{cccc} X_x & \longrightarrow & X_y & \longleftarrow & X_z & \longrightarrow & X_w \\ \uparrow & & \uparrow & & \uparrow & & \uparrow \\ \Phi(X): X_x & \longrightarrow & X_y & \longleftarrow & X_z & \longrightarrow & X_w \\ \uparrow & & \uparrow & & \uparrow & & \uparrow \\ X_x & \longrightarrow & X_y & \longleftarrow & X_z & \longrightarrow & X_w \end{array} \\ \cup \\ \begin{array}{cccc} X_{3x} & \longrightarrow & X_{3y} & \longleftarrow & X_{3z} & \longrightarrow & X_{3w} \\ \uparrow & & \uparrow & & \uparrow & & \uparrow \\ X_{2x} & \longrightarrow & X_{2y} & \longleftarrow & X_{2z} & \longrightarrow & X_{2w} \\ \uparrow & & \uparrow & & \uparrow & & \uparrow \\ X_{1x} & \longrightarrow & X_{1y} & \longleftarrow & X_{1z} & \longrightarrow & X_{1w} \end{array} \end{array} \right\}$$