

$$\begin{aligned}
 Ax_{AL} = & \left\{ (G \rightarrow (H \rightarrow G)) \mid G, H \in For_{AL} \right\} \\
 & \cup \left\{ (G \rightarrow (H \rightarrow K)) \rightarrow ((G \rightarrow H) \rightarrow (G \rightarrow K)) \mid G, H, K \in For_{AL} \right\} \\
 & \cup \left\{ (\neg H \rightarrow \neg G) \rightarrow ((\neg H \rightarrow G) \rightarrow H) \mid G, H \in For_{AL} \right\}
 \end{aligned}$$