

$$\textcircled{1} \quad \frac{\vdash \neg B \Rightarrow (B \Rightarrow C)}{\quad}$$

$$1 \quad \neg B \vdash \neg B$$

$$2 \quad B \vdash B$$

$$3 \quad \vdash B \Rightarrow (\neg C \Rightarrow B)$$

$$4 \quad \vdash \neg B \Rightarrow (\neg C \Rightarrow \neg B)$$

$$5 \quad B \vdash \neg C \Rightarrow B$$

$$6 \quad \neg B \vdash \neg C \Rightarrow \neg B$$

$$7 \quad \vdash (\neg C \Rightarrow \neg B) \Rightarrow (B \Rightarrow C)$$

$$8 \quad \neg B \vdash B \Rightarrow C$$

$$9 \quad \neg B, B \vdash C$$

$$10 \quad \text{--- II ---}$$

$$11, - 12 \quad \vdash \neg B \Rightarrow (B \Rightarrow C)$$