lon.

$$V \models \neg \left(\begin{array}{c} \Diamond(A \lor B) \Leftrightarrow (\Diamond A \lor \Diamond B) \end{array} \right)$$

$$V \models \left(\begin{array}{c} \Diamond(A \lor B) \\ \Diamond(A \lor B) \end{array} \right) \Leftrightarrow \left(\begin{array}{c} \Diamond(A \lor \Diamond B) \\ \Diamond(A \lor \Diamond B) \end{array} \right)$$

$$V \models \left(\begin{array}{c} \Diamond(A \lor \Diamond B) \\ \Diamond(A \lor \Diamond B) \end{array} \right)$$

$$V \models \left(\begin{array}{c} \Diamond(A \lor \Diamond B) \\ \Diamond(A \lor \Diamond B) \\ \bigvee(A \lor \Diamond B) \end{array} \right)$$

$$V \models \left(\begin{array}{c} \Diamond(A \lor \Diamond B) \\ \Diamond(A \lor \Diamond B) \\ \bigvee(A \lor \Diamond B) \end{array} \right)$$

$$V \models \left(\begin{array}{c} \Diamond(A \lor \Diamond B) \\ \Diamond(A \lor \Diamond B) \\ \bigvee(A \lor \Diamond B) \end{array} \right)$$

$$V \models \left(\begin{array}{c} \Diamond(A \lor \Diamond B) \\ \bigvee(A \lor A) \\$$

$$V = I \left(A \Rightarrow B \right) \land I A$$

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$$W \models \mathbb{I} \qquad (\Box(A \Rightarrow B) \land \Diamond A) \Rightarrow \Diamond B$$

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$$W \models \Box (A$$

$$|A| = |A| + |A|$$

$$W \models \neg \begin{bmatrix} \vec{a} \\ \vec{b} \end{bmatrix} \Rightarrow \neg (A \lor B) \Rightarrow \neg (A \lor B)$$

$$W \models \Box A \lor \Box B$$

$$W \models \Box A \land \neg B$$

$$W_{1} \models \neg A \land \neg B$$

$$W_{2} \models A \qquad \forall A \Rightarrow B$$

$$W_{3} \models A \qquad \forall A \Rightarrow B$$



















