2.5.3. Linear Temporal Logic (LTL)

Prove $\models \neg \diamond \neg p \to \Box p$ (the converse direction (the sufficiency) of Theorem 13.14 in Ben-Ari, M.).

Exercise 2.5.4. Linear Temporal Logic (LTL)

Prove Theorem 13.15 from Ben-Ari, M.: $\models \Box(p \to q) \to (\Box p \to \Box q)$.

$$\models \Box(p \to q) \to (\Box p \to \Box q)$$

$$\Box(p \to q) = True$$

$$\forall s \in S, \ \forall S_i \in \mathscr{P}(s)$$