hw-2 (2023/09/19)　　姓名:　　学号:

p10: 7　Show that the statement form $(((\sim p) \to q) \to (p \to (\sim q)))$ is not a tautology. Find statement forms $\mathscr{A}$ and $\mathscr{B}$ such that $(((\sim \mathscr{A}) \to \mathscr{B}) \to (\mathscr{A} \to (\sim \mathscr{B})))$ is a contradiction.

Proof: