hw-5 (2023/10/17)　　　姓名：　　　　　　学号：

p.36: 1-(c)　　Write out proofs in L for the following wfs.

$$(c) \qquad (p_1 \to (p_1 \to p_2)) \to (p_1 \to p_2)$$

Your proof:

p.37: 5　　The rule HS is an example of a legitimate additional rule of deduction for L. Is the following rule legitimate in the same sense: from the wfs. $\mathscr{B}$ and $(\mathscr{A} \to (\mathscr{B} \to \mathscr{C}))$, deduce $(\mathscr{A} \to \mathscr{C})$?

Your answer: