Exercise 1 (deadline: October 9th, 4pm)

Exercise 3.1

The following formula has its parentheses removed. Restore the parentheses.

$$\neg p_1 \rightarrow \neg\neg p_2 \leftrightarrow p_3 \wedge p_4.$$

Exercise 3.9

Show that the formulas $p \rightarrow (q \rightarrow r)$ and $(p \rightarrow q) \rightarrow r$ are not equivalent by finding an interpretation in which they have different truth values.