Homework:

September 25th 2024 deadline 2nd October

- (i) Compute truth function of the formula $(P\Rightarrow (Q\vee S))\Rightarrow \urcorner R\,.$
- (ii) Proposition P says: I shall walk only if it is rainy. Write $\neg P$.
- (iii) Prove distributive law

$$P \wedge (Q \vee R) = (P \wedge Q) \vee (P \wedge R).$$
$$P \vee (Q \wedge R) = (P \vee Q) \wedge (P \vee R).$$

(iv) Solve Exercise 1.3 in [DeT]