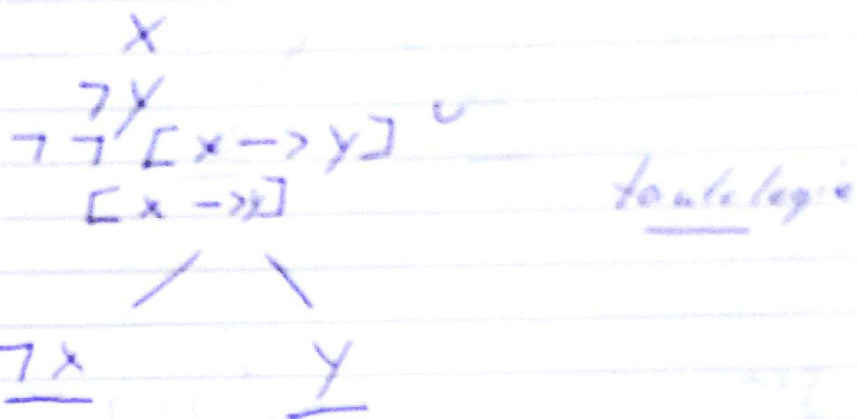
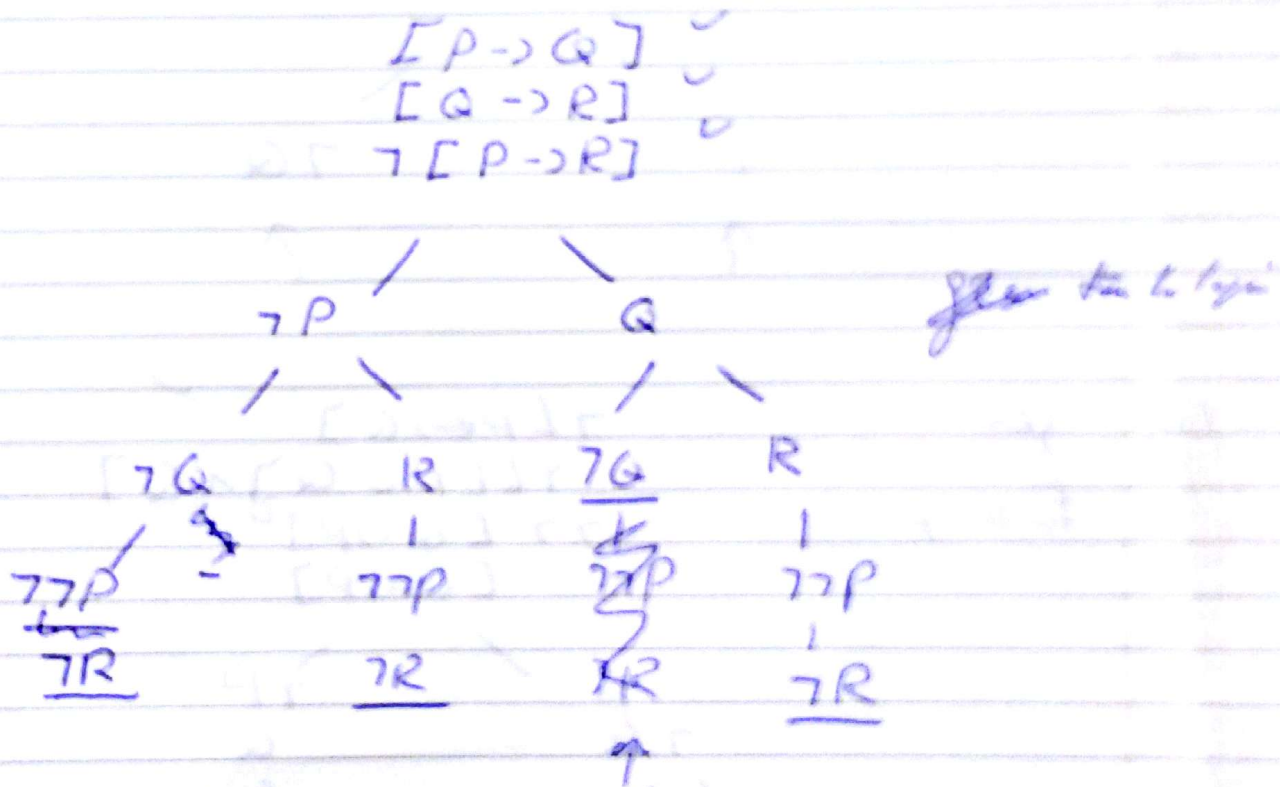


6.



7.



8.

tauntoloji

$$\neg P$$

$$\neg [[P \vee Q] \leftrightarrow Q]$$

$$[P \vee Q]$$

$$\neg [P \vee Q]$$

$$\neg Q$$

$$Q$$

$$P$$

$$Q$$

$$\neg P$$

$$\neg Q$$

9.

gen  
tauntoloji

$$P$$

$$[P \vee \neg Q]$$

$$\neg Q$$

$$P$$

$$\neg Q$$

$$Q$$

$$P$$

10.

gen  
tauntoloji

$$\neg [P \leftrightarrow Q]$$

$$\neg [[P \vee Q] \wedge Q]$$

$$\neg \neg [Q \rightarrow P]$$

$$[Q \rightarrow P]$$

$$P$$

$$\neg P$$

$$\neg Q$$

$$Q$$

$$\neg Q$$

$$P$$

$$\neg Q$$

$$P$$

$$\neg [P \vee Q]$$

$$\neg Q$$

$$\neg [P \vee Q]$$

$$\neg Q$$

$$\neg P$$

$$\neg Q$$

$$\uparrow$$

$$\neg P$$

$$\neg Q$$

$$\uparrow$$