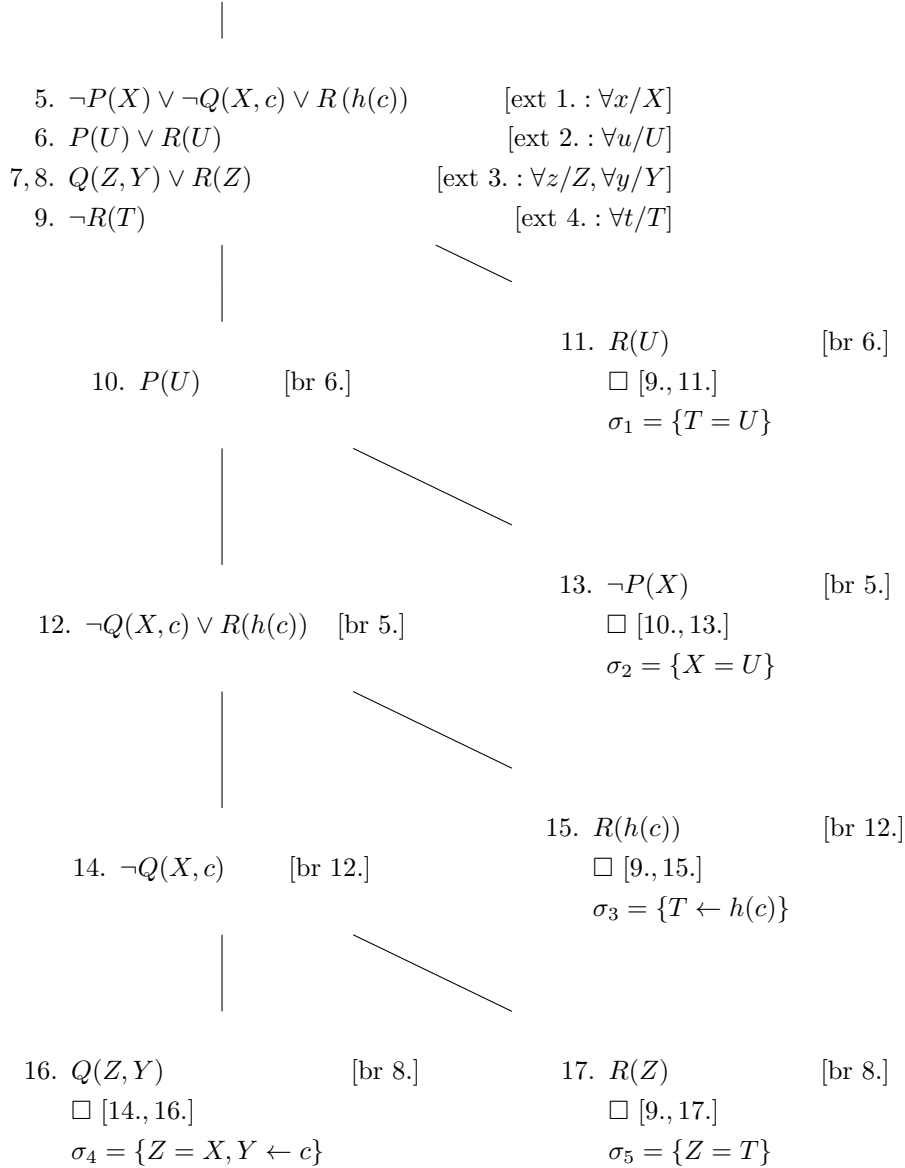


TD 12. Exercice 1 : Correction (Tableaux)

1. $\forall x [P(x) \Rightarrow (Q(x, c) \Rightarrow R(h(c)))]$
 $\equiv \forall x [\neg P(x) \vee \neg Q(x, c) \vee R(h(c))]$
2. $\forall u [P(u) \vee R(u)]$
3. $\forall y \forall z [Q(z, y) \vee R(z)]$
4. $\neg \exists t R(t)$
 $\equiv \forall t \neg R(t)$



$$\Sigma = \{T = U = X = Z \leftarrow h(c), Y \leftarrow c\}$$