Laborator6 - Temă

Petculescu Mihai-Silviu

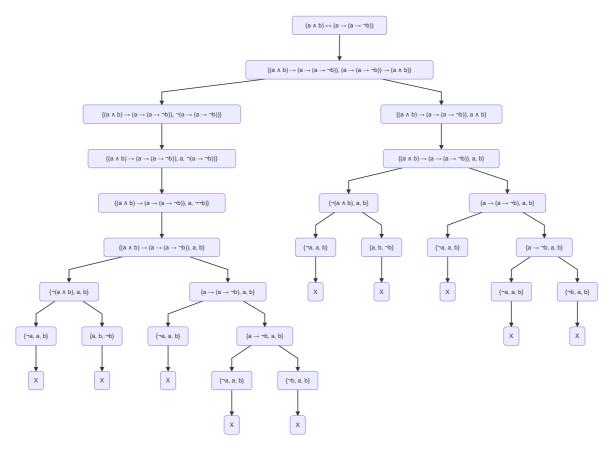
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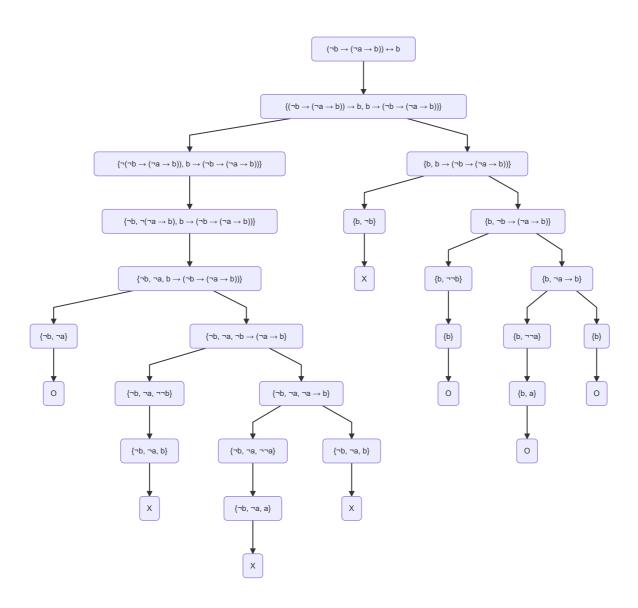
Exercițiu 1.0.1. Să se construiască arborii semantici pentru următoarele formule:

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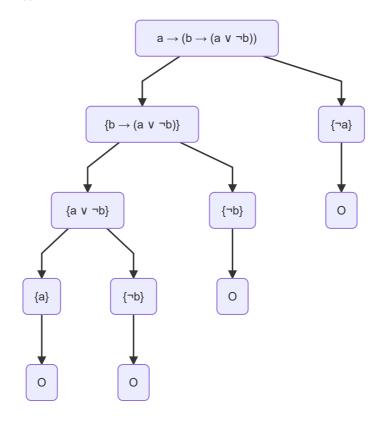
1)
$$(a \wedge b) \leftrightarrow (a \rightarrow (a \rightarrow \neg b))$$



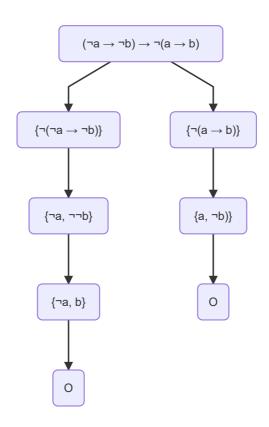
2)
$$(\neg b \rightarrow (\neg a \rightarrow b) \leftrightarrow b)$$



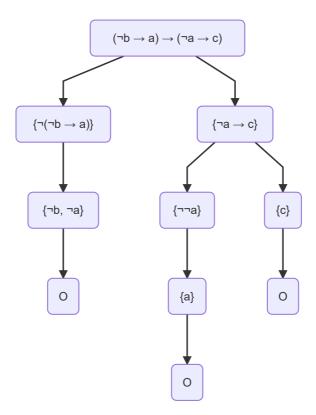
3)
$$a o (b o (a ee \lnot b))$$



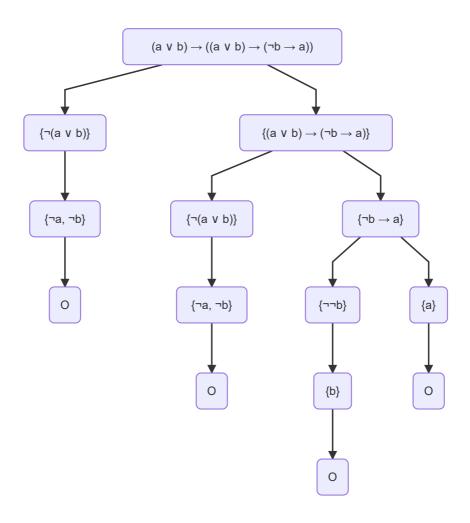
4)
$$(\lnot a
ightarrow \lnot b)
ightarrow \lnot (a
ightarrow b)$$



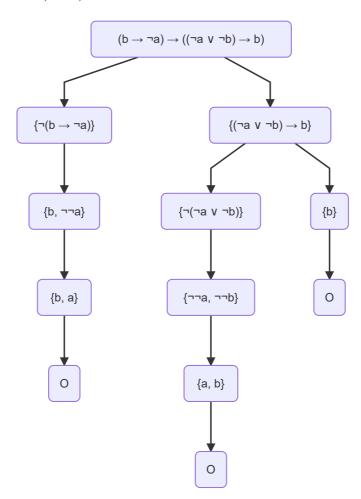
5) $(\lnot b ightarrow a) ightarrow (\lnot a ightarrow c)$

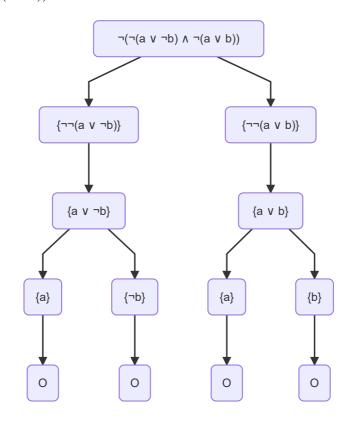


6)
$$(a \lor b) o ((a \lor b) o (\lnot b o a))$$



7)
$$(b
ightarrow
eg a)
ightarrow ((
eg a ee
eg b)
ightarrow b)$$





9) $(p \lor (q \land \neg p)) \land (\neg p \lor q \lor \neg p)$

