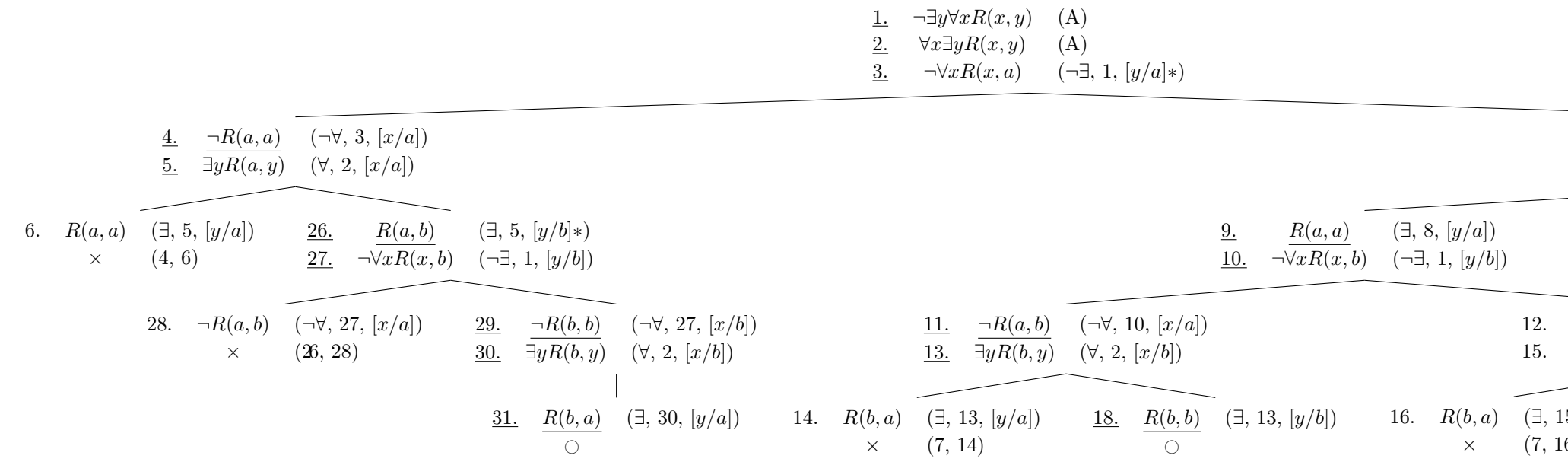
You are using countermodel generation for classical predicate logic.

Tableau for
$\forall x \exists y R(x,y)$
$\not\models \exists y \forall x R(x,y)$:



The tableau is open:
The inference is refutable.

Countermodels:

Structure $\mathcal{S}_{31} = \langle \mathcal{D}, \mathcal{I} \rangle$ with
$\mathcal{D} = \{a, b\}$
$\mathcal{I}: \quad R \mapsto \{\langle a, b\rangle, \langle b, a\rangle\}$

Structure $\mathcal{S}_{18} = \langle \mathcal{D}, \mathcal{I} \rangle$ with
$\mathcal{D} = \{a, b\}$
$\mathcal{I}: \quad R \mapsto \{\langle a, a\rangle, \langle b, b\rangle\}$

This computation took 0.144 seconds.