

$$\begin{array}{c}
\frac{\frac{\frac{\overline{A(x, y)}^0}{\exists u \ A(u, y)}^0}{\exists y \ A(x, y)}^1}{\exists u \ A(u, y)}^0 \\
\frac{\exists x \ \exists y \ A(x, y) \qquad \frac{\exists v \ \exists u \ A(u, v)}^1}{\exists v \ \exists u \ A(u, v)}^1
\end{array}$$