

$$\begin{array}{c}
\frac{\frac{\overline{\forall x \ A(x)}^0}{A(x)}}{A(x) \vee B(x)} \quad \frac{\frac{\overline{\forall x \ B(x)}^0}{B(x)}}{A(x) \vee B(x)} \\
\frac{\forall x \ A(x) \vee \forall x \ B(x) \quad \frac{\frac{A(x) \vee B(x)}{\forall x \ (A(x) \vee B(x))}}{\forall x \ (A(x) \vee B(x))} \quad \frac{\frac{A(x) \vee B(x)}{\forall x \ (A(x) \vee B(x))}}{\forall x \ (A(x) \vee B(x))}_0}{\forall x (A(x) \vee B(x))}_0
\end{array}$$