

B8 (U dokazu je B formula $\forall y A(y)$. U uglastim zagradama su precrtane hipoteze. Prethodno rešenje je sadržalo nepotreban deo jer iz $A(x)$, s obzirom da x nije slobodno u neprecrtanim hipotezama iznad, možemo odmah zaključiti $\forall y A(y)$, to jest B .)

$$\begin{array}{c}
 \frac{\frac{\frac{[\neg A(x)]_3 \quad [A(x)]_2}{\perp}}{B}}{A(x) \rightarrow B} \quad 2 \\
 \frac{[\neg \exists x(A(x) \rightarrow B)]_4 \quad \exists x(A(x) \rightarrow B)}{\perp} \quad 3 \\
 \frac{A(x) \rightarrow B}{\exists x(A(x) \rightarrow B)} \\
 \frac{[\neg \exists x(A(x) \rightarrow B)]_4 \quad \exists x(A(x) \rightarrow B)}{\perp} \quad 4
 \end{array}$$

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$$\begin{array}{c}
 \frac{[\forall y P(u, y)]_1}{P(u, v)} \\
 \frac{P(u, v)}{\forall v P(u, v)} \\
 \frac{[\exists x \forall y P(x, y)]_2 \quad \exists u \forall v P(u, v)}{\exists u \forall v P(u, v)} \quad 1 \\
 \frac{\exists u \forall v P(u, v)}{\exists x \forall y P(x, y) \rightarrow \exists u \forall v P(u, v)} \quad 2
 \end{array}$$