

(c) In the next example, the two occurrences of A labeled x are discharged simultaneously.

$$\begin{array}{c}
 \frac{(A \Rightarrow (B \Rightarrow C))^z \quad A^x}{B \Rightarrow C} \qquad \frac{(A \Rightarrow B)^y \quad A^x}{B} \\
 \hline
 \frac{\frac{C}{A \Rightarrow C}^x}{(A \Rightarrow B) \Rightarrow (A \Rightarrow C)}^y \\
 \hline
 \frac{(A \Rightarrow B) \Rightarrow (A \Rightarrow C)}{(A \Rightarrow (B \Rightarrow C)) \Rightarrow ((A \Rightarrow B) \Rightarrow (A \Rightarrow C))}^z
 \end{array}$$