

Problem 10.8

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$$\begin{array}{l}
[A \wedge (B \wedge C)]^1 \\
\hline
A \wedge E_l \\
A \\
\hline
B \wedge C \wedge E_r \\
B \wedge C \\
\hline
C \wedge E_r \\
C \\
C \quad A \\
\hline
C \wedge A \wedge I \\
C \wedge A \\
\hline
\Rightarrow I^1 \\
(A \wedge (B \wedge C)) \Rightarrow (C \wedge A)
\end{array}$$