

Derivation of $\emptyset \mid (A \supset B) \mid (A \vee C)$:

$$\frac{\begin{array}{c} \text{hypothesis} \quad \text{hypothesis} \\ \emptyset \mid A, B \mid A, C \quad B \mid \emptyset \mid A, C \end{array}}{\frac{\emptyset \mid (A \supset B) \mid A, C}{\emptyset \mid (A \supset B) \mid (A \vee C)}}$$

List of hypotheses:

$$\begin{array}{l} \emptyset \mid A, B \mid A, C \\ B \mid \emptyset \mid A, C \end{array}$$

Derivation of $\emptyset \mid (A \supset B) \mid (A \vee C)$:

$$\frac{\frac{3 \quad 4}{2}}{1}$$

Table of sequents:

- 1: $\emptyset \mid (A \supset B) \mid (A \vee C)$
- 2: $\emptyset \mid (A \supset B) \mid A, C$
- 3: $\emptyset \mid A, B \mid A, C$
- 4: $B \mid \emptyset \mid A, C$