

5. \vee Intro

Disjunction Introduction
(\vee Intro)

$$\triangleright \left| \begin{array}{l} P_i \\ \vdots \\ P_1 \vee \dots \vee P_i \vee \dots \vee P_n \end{array} \right.$$

6. \vee Elim: An Example

To prove a conclusion from a disjunction, prove it from each disjunct.

$$\left| \begin{array}{l} 1. R \vee S \\ \hline 2. \\ 3. \\ 4. \\ 5. \\ 6. S \vee R \end{array} \right.$$

7. \vee Elim and Soundness

Reading: §5.2, §6.2