

$$\begin{array}{c}
\frac{- \text{ [from above]} \quad - \text{ [from case]}}{p \quad q} \quad [\wedge \text{ intro}] \quad \frac{- \text{ [from above]} \quad - \text{ [from case]}}{p \quad r} \quad [\wedge \text{ intro}] \\
\frac{p \wedge q}{p \wedge q \vee p \wedge r} \quad [\vee \text{ intro}] \quad \frac{p \wedge r}{p \wedge q \vee p \wedge r} \quad [\vee \text{ intro}] \\
\frac{p \wedge q \vee p \wedge r}{p \wedge q \vee p \wedge r} \quad [\vee \text{ elim}] \\
\frac{p \wedge q \vee p \wedge r}{p \wedge (q \vee r) \Rightarrow p \wedge q \vee p \wedge r} \quad [\Rightarrow \text{ intro from 1}]
\end{array}$$