

	introduction	elimination
\wedge	$\frac{\phi \quad \psi}{\phi \wedge \psi} \wedge i$	$\frac{\phi \wedge \psi}{\phi} \wedge e_1, \quad \frac{\phi \wedge \psi}{\psi} \wedge e_2$
\vee	$\frac{\phi}{\phi \vee \psi} \vee i_1, \quad \frac{\psi}{\phi \vee \psi} \vee i_2$	$\frac{\phi \vee \psi}{\phi} \vee e$
\rightarrow	$\frac{\boxed{\phi} \dots \bot}{\phi \rightarrow \psi} \rightarrow i$	$\frac{\phi \quad \phi \rightarrow \psi}{\psi} \rightarrow e$
\neg	$\frac{\boxed{\phi} \dots \bot}{\neg \phi} \neg i$	$\frac{\phi \quad \neg \phi}{\bot} \neg e$
\bot		$\frac{\bot}{\phi} \bot e$
$\neg\neg$	$\frac{\phi}{\neg\neg \phi} \neg\neg i$	$\frac{\neg\neg \phi}{\phi} \neg\neg e$

$$MT: \frac{\phi \rightarrow \psi \quad \neg \psi}{\neg \phi}$$

$$PBC: \frac{\boxed{\neg \phi} \dots \bot}{\phi}$$

$$LEM: \frac{}{\phi \vee \neg \phi}$$