

$\neg_L: \quad \Phi, \neg \alpha \circ \Psi$ $\quad \quad \quad \Phi \circ \alpha, \Psi$	$\neg_R: \quad \Phi \circ \neg \alpha, \Psi$ $\quad \quad \quad \Phi, \alpha \circ \Psi$
$\wedge_L: \quad \Phi, \alpha \wedge \beta \circ \Psi$ $\quad \quad \quad \Phi, \alpha, \beta \circ \Psi$	$\wedge_R: \quad \Phi \circ \alpha \wedge \beta, \Psi$ $\quad \quad \quad \Phi \circ \alpha, \Psi \quad \Phi \circ \beta, \Psi$
$\vee_L: \quad \Phi, \alpha \vee \beta \circ \Psi$ $\quad \quad \quad \Phi, \alpha \circ \Psi \quad \Phi, \beta \circ \Psi$	$\vee_R: \quad \Phi \circ \alpha \vee \beta, \Psi$ $\quad \quad \quad \Phi \circ \alpha, \beta, \Psi$
$\rightarrow_L: \quad \Phi, \alpha \rightarrow \beta \circ \Psi$ $\quad \quad \quad \Phi, \beta \circ \Psi \quad \Phi \circ \alpha, \Psi$	$\rightarrow_R: \quad \Phi \circ \alpha \rightarrow \beta, \Psi$ $\quad \quad \quad \Phi, \alpha \circ \beta, \Psi$
$\Leftrightarrow_L: \quad \Phi, \alpha \Leftrightarrow \beta \circ \Psi$ $\quad \quad \quad \Phi, \alpha, \beta \circ \Psi \quad \Phi \circ \alpha, \beta, \Psi$	$\Leftrightarrow_R: \quad \Phi \circ \alpha \Leftrightarrow \beta, \Psi$ $\quad \quad \quad \Phi, \alpha \circ \beta, \Psi \quad \Phi, \beta \circ \alpha, \Psi$