
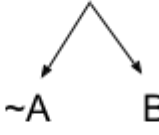
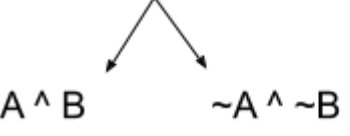
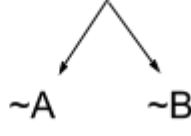


### Regras para árvores de refutação

$R1 = A \wedge B$ $A$ $B$	$R2 = A \vee B$ 	$R3 = A \rightarrow B$ 
$R4 = A \leftrightarrow B$ 	$R5 = \sim\sim A$ $A$	$R6 = \sim(A \wedge B)$ 
$R7 = \sim(A \vee B)$ $\sim A$ $\sim B$	$R8 = \sim(A \rightarrow B)$ $A$ $\sim B$	$R9 = \sim(A \leftrightarrow B)$ 