

1 Algebre de Boole

$$\begin{aligned}A \vee (A \wedge B) &\Leftrightarrow (A \wedge 1) \vee (A \wedge B) \\&\Leftrightarrow A \wedge (1 \vee B) \\&\Leftrightarrow A\end{aligned}$$

$$\begin{aligned}A \wedge (A \vee B) &\Leftrightarrow (A \wedge A) \vee (A \wedge B) \\&\Leftrightarrow A \wedge (A \vee B) \\&\Leftrightarrow A\end{aligned}$$