

$$A \wedge (B \vee C) \Rightarrow A \wedge (B \vee C)$$

|

$$A \wedge (B \vee C) \Rightarrow A$$

$$B \Rightarrow B$$

$$A \wedge (B \vee C), B \Rightarrow A \wedge B$$

|

$$A \wedge (B \vee C), B \Rightarrow (A \wedge B) \vee (A \wedge C)$$



$$A \wedge (B \vee C) \Rightarrow A \wedge (B \vee C)$$

|

$$A \wedge (B \vee C) \Rightarrow A$$

$$C \Rightarrow C$$

$$A \wedge (B \vee C), C \Rightarrow A \wedge C$$

|

$$A \wedge (B \vee C), C \Rightarrow (A \wedge B) \vee (A \wedge C)$$

$$A \wedge (B \vee C) \Rightarrow A \wedge (B \vee C)$$

|

$$A \wedge (B \vee C) \Rightarrow B \vee C$$

$$A \wedge (B \vee C) \Rightarrow (A \wedge B) \vee (A \wedge C)$$

|

$$\Rightarrow A \wedge (B \vee C) \rightarrow (A \wedge B) \vee (A \wedge C)$$



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$$\textcircled{2} A \wedge (B \vee C)$$

A

B^①

$$A \wedge B$$

$$(A \wedge B) \vee (A \wedge C)$$

$$\textcircled{2} A \wedge (B \vee C)$$

A

C^①

$$A \wedge C$$

$$(A \wedge B) \vee (A \wedge C)$$

$$\textcircled{2} A \wedge (B \vee C)$$

$$B \vee C$$

$$\textcircled{1} (A \wedge B) \vee (A \wedge C)$$

$$\textcircled{2} A \wedge (B \vee C) \rightarrow (A \wedge B) \vee (A \wedge C)$$