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1 exercise9 Theory

Built: 02 August 2019

Parent Theories: indexedLists, patternMatches

1.1 Theorems

[absorptionRule]

$$\vdash \forall p \ q. \ (p \Rightarrow q) \Rightarrow p \Rightarrow p \wedge q$$

[absorptionRule2]

$$\vdash \forall p \ q \ r \ s. \ (p \Rightarrow q) \wedge (r \Rightarrow s) \Rightarrow p \vee r \Rightarrow q \vee s$$

[constructiveDilemmaRule]

$$\vdash \forall p \ q \ r \ s. \ (p \Rightarrow q) \wedge (r \Rightarrow s) \Rightarrow p \vee r \Rightarrow q \vee s$$

[constructiveDilemmaRule2]

$$\vdash \forall p \ q \ r \ s. \ (p \Rightarrow q) \wedge (r \Rightarrow s) \Rightarrow p \vee r \Rightarrow q \vee s$$

2 exercise10 Theory

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Parent Theories: indexedLists, patternMatches

2.1 Theorems

[problemonehtm]

$$\vdash M \ s$$

[problemtwohtm]

$$\vdash p \Rightarrow \neg q$$

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