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1 exercise9 Theory

Built: 30 January 2020
Parent Theories: indexedLists, patternMatches

1.1 Theorems

[absorptionRule]

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

[absorptionRule2]

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

[constructiveDeilemmaRule]

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

[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

Built: 30 January 2020
Parent Theories: indexedLists, patternMatches

2.1 Theorems

[problem1_thm]

$\vdash M\ s$

[problem2_thm]

$\vdash p \Rightarrow \neg q$

[problem3thm]

$\vdash r \vee s$

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