

Contents

1	exercise9 Theory	3
1.1	Theorems	3
2	exercise10 Theory	3
2.1	Theorems	3

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]

$$\vdash r \vee s$$

Index

exercise10 Theory, 3

- Theorems, 3
 - problem1_thm, 3
 - problem2_thm, 3
 - problem3thm, 3

exercise9 Theory, 3

- Theorems, 3
 - absorptionRule, 3
 - absorptionRule2, 3
 - constructiveDeilemmaRule, 3
 - constructiveDilemmaRule2, 3