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# 1 All Theory

**Built:** 20 February 2019

**Parent Theories:** indexedLists, patternMatches

## 1.1 Theorems

[conjSymThm]

$$\vdash p \wedge q \iff q \wedge p$$

[conjSymThmAll]

$$\vdash \forall p\ q. p \wedge q \iff q \wedge p$$

[problem1Thm]

$$\vdash p \Rightarrow (p \Rightarrow q) \Rightarrow (q \Rightarrow r) \Rightarrow r$$



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