Logical form tutorial

http://www-rohan.sdsu.edu/~gawron/semantics

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Overview

Outline

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- **1** Al is the leader of the band.
- Ronald is the enemy of prosperity (you can treat prosperity like a proper noun).
- Sue and Fred are avid admirers of Beethoven.

Logic trees

 Show that the following expressions of logic are equivalent. Use truth tables.

$$\sim (p \land \sim q)$$

 $p \to q$

Show that the following expressions of logic are equivalent

$$\sim (p \lor q)$$

 $\sim p \land \sim q$

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$$\sim (p \land q)$$

 $\sim p \lor \sim q$

