

Notes on Exam 2

- The exam will be held on **Monday, May 4**
- Usual time, usual place
- The exam will cover all and only the material on predicate logic
- The rule sheet will be made available
- There will be three sections:
 1. Translations
 2. Derivations
 3. Models & Invalidity

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Section 1: Translation

- ▶ You'll be given several statements in English, and will be required to translate them into PL (as in the exercises in Chs.6&7)

Section 2: Derivation

- ▶ You'll be given several arguments in PL and will be required to prove that they are valid by constructing derivations (as in the exercises in Ch.8)
- ▶ You'll be given an argument in English. You must first translate it into PL, then show that it is valid by constructing a derivation

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Section 3: Models & Invalidity

- ▶ You'll be given several arguments in PL and will be required to prove that they are invalid by constructing models and using the method of expansion (as in the final homework exercise)
- ▶ You'll be given an argument in English. You must first translate it into PL, then, depending on what kind of argument it is, prove that it is either valid (using derivation), or invalid (using models and the method of expansion)