



UNIVERSITEIT VAN AMSTERDAM  
INSTITUTE FOR LOGIC, LANGUAGE AND COMPUTATION

# Advanced Topics in Set Theory

2005/2006; 1st Semester  
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## Homework Set # 2

*Deadline:* September 28th, 2005

### Exercise A.

Look at Kunen's theorems IV.3.9, IV.3.11, IV.5.1 and IV.5.5. Each of these gives a list of formulas or functions that are absolute for models of a certain kind. Pick one example from each of these lists and do the absoluteness proof for these four cases in detail.

### Exercise B.

Exercises (18) and (19) of Kunen's book (p. 148).