

4.1 Classify the following noun phrases / quantifiers w.r.t. their monotonicity properties:

- (a) exactly n N
- (b) at least n N
- (c) at most n N
- (d) less than half of the N
- (e) Mary
- (f) some but not all N

4.2 Try to show that the disjunction of two upward monotonic quantifiers is an upward monotonic quantifier.

4.3 Try to show that the external negation of an upward monotonic quantifier is a downward monotonic quantifier.

To be turned in Tuesday, 2013-06-04.