

In addition to the below given problems, kindly study Chapter 10 in the lecture notes. Referenced problems can also be found there. In the lecture only marked problems will be discussed; for solutions to the other problems please contact Georg Moser.

1. Show that the set of all consistent sets of ground clauses admits the satisfaction properties.

Hint: Read the proof of Lemma 10.1

2. Problem 10.2.

3. Problem 10.3. (*)

4. Problem 10.4. (*)

5. Problem 10.5. (*)