

In addition to the below given problem, kindly study the first chapter of 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.

- 6) Problem 3.1
- 7) Problem 3.5. (*)
- 8) Problem 3.8. (*)
- 9) Problem 3.9. (*)
- 10) Problem 3.10