MA651 Topology. Homework 8

Homework due April 4, 2006

1. Find the mistakes in the lecture notes (I have intentionally made several mistakes, and you might find even more).

2. Prove statements (3) and (4) of Theorem 46.1.

3. Complete the proof of Theorem 50.1 (Tychonov Theorem), i.e. prove two statements which were taken for granted.