

Topological Graph Theory

Homework assignment #1

20/1/2006

- (1) Derive Thomassen's theorem about "weakly contractible" edges in 3-connected graphs from Tutte's Theorem.
- (2) Look at the proof of the Jordan-Schönflies Theorem (in the textbook) and try to summarize it as a sketch of 5-10 main steps and substeps. Try to identify which steps are "central" in the proof.