

The assignment concerns the paper Graph Minors. XI. Circuits on a Surface (available for free download). The first six sections develop the theory we gave in the lecture, you can skip them unless you are interested in all the details. Section 7 consists of quite technical topological lemmas, though you should probably read their statements to get accustomed to the terminology (some of it you may have to look up in Section 3 of the paper). In Section 8, the important claims are (8.10) and (8.12). These together with Section 9 should be enough to understand what I meant by the claims from the last slide of the presentation. Write and send me a short summary of what you read, focusing especially on these claims.