



TOPOLOGY SEMINARS

Cohomology of Groups with Coefficients and the Shapiro's Lemma

By

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Abstract: We will start by defining homology and cohomology of groups with coefficients. Then we will discuss restriction, induction and co-induction of ZG-modules. Our aim is to give a complete proof for the Shapiro's lemma.

*In this semester, we follow Brown's Cohomology of Groups which can be downloaded from

<https://www.springer.com/gp/book/9780387906881>.

Date: October 15, 2018

Time: 13:40

Place: SA141 Mathematics Seminar Room

* Tea and cookies will be served after the talk. All are most cordially invited.