



# TOPOLOGY SEMINARS

## Homology of a group

By

**Muhammed Said Gündoğan**

**Abstract:** This week we start with some necessary homological background (chain complexes, chain maps, resolutions, etc) for defining homology group of a group. Then, we finish by giving the definition of homology groups of a group using a free resolution. In this semester, we plan to follow Brown's Cohomology of Groups which can be downloaded from <https://www.springer.com/gp/book/9780387906881>.

**Date:** October 1, 2018

**Time:** 13:40

**Place:** SA141 Mathematics Seminar Room

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