

Drew Heard

MA8403 - Equivariant homotopy theory

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Preface

This are the courses notes for MA8403 - Equivariant homotopy theory, held during the Autumn semester 2023 at NTNU. The notes are mainly based on two excellent sets of lectures notes, one by Guillou [2], and one by Blumberg [1]. The notes will be continually updated during the semester.

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Chapter 1

Equivariance in algebra

Bibliography

- [1] Andrew Blumberg, *Lecture Notes on Equivariant Stable Homotopy Theory*, Spring 2017, Available at https://web.ma.utexas.edu/users/a.debray/lecture_notes/m392c_EHT_notes.pdf. iii
- [2] Bertrand Guillou, *Class notes - Equivariant Homotopy and Cohomology, Math 751*, Fall 2020, Available at <https://www.ms.uky.edu/~guillou/F20/751Notes.pdf>. iii