

Oberseminar Topologie: 13.12.2023

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Title: Equivariant Brown-Gitler spectra and their applications

Abstract: In recent work, Guchuan Li, Sarah Petersen, and I have constructed models for  $\mathbb{C}_2$ -equivariant analogues of the integral Brown-Gitler spectra. In this talk, I will start by introducing the classical Brown-Gitler spectra and their applications. After that, I will discuss the  $\mathbb{C}_2$ -equivariant integral Brown-Gitler spectra, as well as the applications we are beginning to study.