

Oberseminar Topologie: 30.11.2022

Robert Wayne Burklund, University of Copenhagen

TITLE

Nilpotence and periodicity revisited

ABSTRACT

In this talk I will present a new, simpler proof of the nilpotence and periodicity theorems of Devinatz—Hopkins—Smith. The key inputs in this proof are Nishida’s nilpotence theorem and an understanding of vanishing lines in synthetic spectra.