



ODTU-Bilkent Algebraic Geometry

“Equivariant Cohomology and Localization after Anton Alekseev”

BY

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Abstract: We will try to present the notes by Anton Alekseev on Equivariant Localization, mainly focusing on S^1 -actions. First, we will introduce Stationary Phase Method. Then we will define equivariant S^1 -cohomology and present a proof of the localization theorem suggested by E. Witten. If time permits, finally we will end by the Duistermaat-Heckman formula and its proof.

Date: 29 March 2019, Friday

Time: 15:40 +

Place: Mathematics Seminar Room, SA- 141

Tea and cookie will be served before the talk. You are most cordially invited.