



TOPOLOGY SEMINARS

Cohomology of Infinite Groups Realizing Fusion Systems

By

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Abstract: Given a fusion system F defined on a p -group S , there exist infinite group models, constructed by Leary and Stancu, and Robinson, that realize F . We study these models when F is a fusion system of a finite group G . In this talk we mention our result which relates the cohomology of an infinite group model π to the cohomology of the group G . Also, we mention a family of examples for which the cohomology of the infinite group obtained using the Robinson model is different than the cohomology of the fusion system.

This is a joint work with Ergün Yalçın.

Date: April 1, 2019 Monday

Time: 13:40 – 14:40

Place: SA141 Mathematics Seminar Room

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