



ALGEBRA SEMINARS

Obstructions for gluing biset functors II

By

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Abstract: Last week we introduced an obstruction theory for the existence and uniqueness of a solution to the gluing problem for a biset functor defined on the sections of a finite group G .

The obstruction groups for this theory are the reduced cohomology groups of a category whose objects are the sections (U, V) of G with V not equal to 1, and whose morphisms are defined as a generalization of morphisms in the orbit category. This week we will show how these obstruction groups can be calculated using the work of Jackowski-Slominska on isotropy presheaves, and a theorem of Bob Oliver on the cohomology groups of the Quillen category of a finite group. This is a joint work with Olcay Coşkun.

Date: April 8, 2019

Time: 10:40 – 11:50

Place: SA141 Mathematics Seminar Room

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