İTÜ Matematik Seminerleri

Mackey functors, biset functors and simple groups

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Abstract

The theories of Mackey and biset functors are used in representation theory of finite groups as tools to study the structures given by tensor products by permutation modules. In this talk, after introducing basics of these theories, we give a new application to finite group theory by relating the simplicity of the group to the indecomposability of a certain biset functor.

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