

Boğaziçi MATH COLLOQUIUM

The functor of p -permutation modules

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Abstract:

Let G be a finite group and k be a field of characteristic p . A kG -module M is called a p -permutation module if its restriction to a Sylow p -subgroup S of G is a permutation kS -module. In this talk, we introduce the biset functor of p -permutation modules and describe its composition factors.

This is a joint work with R. Boltje and Ç. Karagüzel.

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