Graduate

SEMINARIO DE ÁLGEBRA

Finite Groups in which at least one third of the elements are involutions

Mohsen Amiri

UFAM

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Abstract. One of the first exercises in group theory is that a group in which all non-identity elements have order two (so-called involutions) is abelian. It is known that groups in which many elements are involutions are not far from being abelian. In this presentation, I am going to give a short survey about finite groups with many involutions. In particular, I give a list of finite Groups in which at least one third of their elements are involutions.