

Bogomolov multiplier of finite groups and Lie algebras

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Abstract: The Bogomolov multiplier of a finite group G is a cohomological invariant of G that has been studied in connection with the Noether's problem on rationality of function fields. In the first half of the talk we shall survey some results in connection with the object. In the next half of the talk we shall discuss about the extension of this notion to Lie algebras.