

ON ISOCLINIC EXTENSIONS OF LIE ALGEBRAS AND NILPOTENT LIE ALGEBRAS

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Abstract

In this paper, we present the concept of isoclinism of Lie algebras and its relationship to the Schur multiplier of Lie algebras. Moreover, we prove some properties of a pair of nilpotent Lie algebras.

Keywords: Schur multiplier, isoclinism, nilpotent Lie algebras.

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