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**Ma Isabel Hernández\*** (isabellie@gmail.com). *Classification of Lie Superalgebras supported over  $\mathfrak{gl}_n(\mathbb{C})$ .*

An important problem in mathematics is to classify algebraic structures. It is also well known that the classification problem of Lie superalgebras is very difficult and so far to be solved. In this work, we classify finite-dimensional complex Lie superalgebras having as even part the reductive Lie algebra  $\mathfrak{gl}_n(\mathbb{C})$  without another extra condition. (Received May 14, 2013)