

Simple Super binary-Lie Algebras

M.N. Rasskazova

University of ABC, Brazil and Omsk State Technical University, Omsk

The problem of classification of Simple Super binary-Lie Algebras is open yet even in a finite dimensional case over the field \mathbb{C} of complex numbers. We construct some new simple super binary-Lie algebras and prove, that every finite dimensional over the field \mathbb{C} simple super binary-Lie algebra is simple super Lie algebra or has odd part 0, or even part solvable.