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**Ismail Demir\*** ([idemir@ncsu.edu](mailto:idemir@ncsu.edu)). *On Classification of Solvable Leibniz Algebras.*

Leibniz algebras are non-antisymmetric generalization of Lie algebras. Classification of all solvable Lie algebras is presently unsolved and is very difficult problem. Due to lack of antisymmetry in Leibniz algebras, the problem of classifying all solvable Leibniz algebras is more complicated. We give classification of solvable Leibniz algebras with one dimensional derived subalgebra. We use the canonical forms for the congruence classes of matrices of bilinear forms to obtain our result. (Received September 15, 2015)