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Gradings on the Cartan type Lie algebras

We will describe all gradings of the Witt, Special and Hamiltonian algebras by finite groups whose order is coprime to the characteristic of the field. The restriction to groups whose order is coprime to the characteristic allows us to use the correspondence between the grading group and a subgroup of the automorphisms of the algebra in question. We will discuss some gradings of the Contact algebras which are closely related to the gradings on the Hamiltonian algebras.