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60614. *On classification of semisimple Hopf algebras of dimension  $2^n$ .*

In this talk we will discuss a family of semisimple Hopf algebras of dimension  $2^n$  with a large abelian group of grouplike elements. All Hopf algebras in this family can be obtained as abelian extensions. We will classify these extensions up to equivalence and discuss which of them could be distinguished by categorical invariants. (Received September 25, 2018)