

Finite dimensional Hopf algebras over abelian groups
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Abstract: One of the main results in the classification program of finite-dimensional pointed Hopf algebras is the Andruskiewitsch-Schneider Theorem. It describes all the pointed Hopf algebras whose coradical is abelian and has order coprime with 210. In this talk we recall this result and show the answers to related questions and the difficulties towards the complete classification of finite dimensional Hopf algebras over abelian groups, that is, without the assumption on the order.