YEVGENIA KASHINA, DePaul University

Semisimple Hopf Algebras of dimension 32

In this talk we will discuss classification of semisimple Hopf algebras of dimension 32. We will fix an abelian group of grouplike elements of order 16 and describe all nonisomorphic semisimple Hopf algebras of dimension 32 with this group of grouplike elements.