

On the cohomology ring of (braided) Hopf algebras

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Abstract: *Braided Hopf algebras are natural generalizations of ordinary Hopf algebras, which have applications in various fields of Mathematics and Mathematical Physics. During the talk I shall survey the basic properties of this class of algebras, focusing on the computation of their cohomology ring. Special attention will be paid to the particular case of the algebras introduced by Fomin and Kirillov as a new approach to Schubert calculus.*