Classification Theorems of Bihamiltonian Hierarchies and Their Applications, II

Si-Qi Liu

Tsinghua University

In this talk, the speaker will explain his recent work on the classification of integrable hierarchies which possess semisimple bihamiltonian structures of hydrodynamic type. He will also introduce a new proof of ADE Witten conjecture by using Dubrovin-Zhang, Chao-Zhong Wu, and their results.