



Hopf Algebras, Quantum Groups and Yang-Baxter Equations 2013

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Message from the Guest Editor

Dear Colleagues,

The Yang-Baxter equation first appeared in a paper by the Nobel laureate C.N. Yang and in R.J. Baxter's work. At the Kyoto International Mathematics Congress (1990), three of the four Fields Medalists were awarded prizes for their work related to the Yang-Baxter equation.

This equation plays a crucial role in many areas of mathematics, physics, and computer science. Many scientists have used the axioms of various algebraic structures or computer calculations in order to produce solutions for it, but the full classification of its solutions remains an open problem.

As we continue the scientific directions of our previous special issue on various aspects of the Yang-Baxter equations and the related structures, we would like to gather together both interesting reviews and research papers.

Dr. Florin Felix Nichita
Guest Editor





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Message from the Editor-in-Chief

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