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Quasitriangular Hopf algebras and Yang-Baxter equations. (English) Zbl 0709.17009
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MSC:

- [17B37](#) Quantum groups (quantized enveloping algebras) and related deformations
- [16W30](#) Hopf algebras (associative rings and algebras) (MSC2000)
- [81R50](#) Quantum groups and related algebraic methods applied to problems in quantum theory
- [16G99](#) Representation theory of associative rings and algebras
- [22E70](#) Applications of Lie groups to the sciences; explicit representations
- [57T05](#) Hopf algebras (aspects of homology and homotopy of topological groups)
- [81-02](#) Research exposition (monographs, survey articles) pertaining to quantum theory

Cited in **4** Reviews
Cited in **154** Documents

Keywords:

quantization of Lie bialgebras; Hopf algebra duality; quantum mechanics; quasitriangular Hopf algebras; Yang-Baxter equations; quantum group; representation; rank

Full Text: [DOI](#)