

Quantum groups - from coalgebras to Drinfeld algebras : a guided tour

International Press - Quantum Groups

Description: -

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Fiction in English.

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International Relations - General

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Drinfeld modules. Quantum groups - from coalgebras to Drinfeld algebras : a guided tour

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Schriftenreihe des Deutschen Forschungsinstituts für Chinesische

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v. 2

Graduate texts in mathematical physics ; Quantum groups - from coalgebras to Drinfeld algebras : a guided tour

Notes: Includes bibliographical references (p. 391-492) and index.

This edition was published in 1993



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that this group has a topological interpretation as a group of homotopy automorphisms associated to the operad of little 2-discs, which is an object used to model commutative homotopy structures in topology.

Homotopy of Operads and Grothendieck

With this background it's a very intriguing, though demanding, reading.

AMS :: Transactions of the American Mathematical Society

Vergara, Quantum Clifford algebras from spinor representations, J. This novel textbook provides a comprehensive guided tour of the mathematical knowledge and techniques needed by students. Has an approach based more on Poisson geometry and deformation quantization.

qa.quantum algebra

Categories: Science Pure and applied mathematics. This paper describes various constructions, on a given bialgebra B , producing bialgebras with extra structure. Covariant Differential Calculus on Quantum Groups.

Quantum Groups and Noncommutative Geometry

In addition, they need to survey a wider array of mathematical methods that, while outside their particular areas of expertise, are important in related ones. Congress Mathematicians Berkeley, California, 1987, Amer.

Yang

Tags: #Quasi

Hopf Algebras and Quantum Groups

The ultimate goal of this book is to explain

This novel textbook provides a comprehensive guided tour of the mathematical knowledge and techniques needed by students. Cartan, The Theory of Spinors, Dover Pub. What you definitely will need in Hopf algebra theory is a good grip on tensor products, at least over fields at the very least, the exactness properties and their consequences.

The quantum double and related constructions

The FRT construction of $U_q(\mathfrak{sl}_2)$ has an interesting interpretation in light of the preceding paragraph. The first part presents in detail the quantum groups attached to SL_2 as well as the basic concepts of the theory of Hopf algebras.

Quasi

The Quantum Algebra $U_q(\mathfrak{sl}_2)$ and Its Representations. Author: Steven Shnider Publisher: International Press of Boston Incorporated ISBN: UOM:39015032195029 Category: Mathematics Page: 496 View: 330 An introduction to the field of quantum groups, including topology and statistical mechanics, based on lectures given at the Sackler Institute for Advanced Studies at Tel-Aviv University.

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