

Librería  
*Bonilla y Asociados*  
desde 1950



**Título:** Lie Theory And Its Applications In Physics

**Autor:** Dobrev, Vladimir (Ed.)

**Precio:** \$3110.12

**Editorial:**

**Año:** 2013

**Tema:**

**Edición:** 1<sup>a</sup>

**Sinopsis**

**ISBN:** 9784431542698

Traditionally, Lie Theory is a tool to build mathematical models for physical systems. Recently, the trend is towards geometrisation of the mathematical description of physical systems and objects. A geometric approach to a system yields in general some notion of symmetry which is very helpful in understanding its structure. Geometrisation and symmetries are meant in their broadest sense, i.e., classical geometry, differential geometry, groups and quantum groups, infinite-dimensional (super-)algebras, and their representations. Furthermore, we include the necessary tools from functional analysis and number theory. This is a large interdisciplinary and interrelated field.

Samples of these new trends are presented in this volume, based on contributions from the Workshop "Lie Theory and Its Applications in Physics" held near Varna, Bulgaria, in June 2011. This book is suitable for an extensive audience of mathematicians, mathematical physicists, theoretical physicists, and researchers in the field of Lie Theory.

Content Level » Research

Keywords » (Super-)Gravity Theories - Conformal Field Theory - Quantum Field Theory - Representation Theory - String Theory - Supersymmetry

Related subjects » Algebra - Geometry & Topology

Table of contents ?Preface1. Plenary Talks2. Quantum Field Theory3. String and Gravity Theories4. Quantum Groups and Related Objects5. Representation Theory6. Vertex Algebras7. Integrability and Other Applications8. Various Mathematical Results

Popular Content within this publication 7 days30 days90 days

Some Properties of Harmonic Quasi-Conformal Mappings

Kne\_ovic, Miljan

Varna Lecture on L 2-Analysis of Minimal Representations

Teléfonos: 55 44 73 40 y 55 44 72 91

www.libreriabonilla.com.mx

*Librería*  
***Bonilla y Asociados***  
*desde 1950*



Kobayashi, Toshiyuki

Spontaneous Breaking of Supersymmetry, Localization and Nicolai Mapping in Matrix Models

Sugino, Fumihiko

Towards p-Adic Matter in the Universe

Dragovich, Branko

Some Remarks on Weierstrass Sections, Adapted Pairs and Polynomiality

Joseph, Anthony