

Communications in Mathematical Physics

Volume 182 Number 1 1996

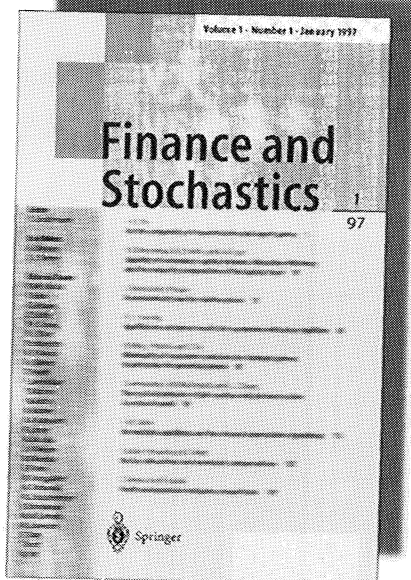
- K. Hori Global Aspects of Gauged Wess–Zumino–Witten Models 1
- T. Balaban Localization Expansions. I. Functions of the “Background” Configurations 33
- S. Chmutov, V. Goryunov Kauffman Bracket of Plane Curves 83
- Y. Pesin, H. Weiss On the Dimension of Deterministic and Random Cantor-like Sets, Symbolic Dynamics, and the Eckmann–Ruelle Conjecture 105
- A. Connes Gravity Coupled with Matter and the Foundation of Non-commutative Geometry 155
- B. Beauzamy On Complex Lee and Yang Polynomials 177
- S. Aoyama, Y. Kodama Topological Landau–Ginzburg Theory with a Rational Potential and the Dispersionless KP Hierarchy 185
- B. Jurčo, P. Šťovíček Coherent States for Quantum Compact Groups 221

Indexed in *Current Contents*
Abstracted/Indexed in
MATH Database,
Zentralblatt für Mathematik
Evaluated and abstracted for *PHYS* on *STN*
CMPHAY 182 (1) 1–252
December (II) 1996



Springer

New journals from Springer



Finance and Stochastics

ISSN 0949-2984 Title No. 780

Editor: D. Sondermann

Subscription information for 1997:

Volume 1 (4 issues)

DM 248,-*

The purpose of **Finance and Stochastics** is to provide a high standard publication forum for research

- in all areas of finance based on stochastic methods
- on specific topics in mathematics, in particular probability theory, statistics and stochastic analysis, motivated by the analysis of problems in finance.

Starting
in 1997

Computing and Visualization in Science

ISSN pending Title No. 791

Managing Editor: G. Wittum

The fast development of computer technology has opened up new perspectives for modeling in mathematics, physics, biosciences, environmental sciences and engineering. **Computing and Visualization in Science** is devoted to the development of efficient algorithms for complex models, the visualization of numerical data and results, and the validation of the computational results, including the comparison with experiments. Published in printed and electronic form, supplementary electronic material will also be available.

Subscription information for 1997:

Volume 1 (4 issues)

DM 480,-*



Springer

* plus carriage charges
In EU countries the
local VAT is effective