

Communications in Mathematical Physics

Volume 182 Number 2 1996

- O. I. Bogoyavlenskij Necessary Conditions for Existence of
Non-Degenerate Hamiltonian Structures 253
- I. T. Ivanov, M. Roček Supersymmetric σ -Models, Twistors,
and the Atiyah–Hitchin Metric 291
- X. Dai, W. Zhang Splitting of the Family Index 303
- O. Babelon, D. Bernard, Quantization of Solitons and the Restricted
F. A. Smirnov Sine–Gordon Model 319
- Y. Netrusov, T. Weidl On Lieb–Thirring Inequalities for Higher Order
Operators with Critical and Subcritical Powers 355
- M. Bordag, K. Kirsten, Heat–Kernels and Functional Determinants
S. Dowker on the Generalized Cone 371
- R. Esposito, R. Marra, Navier–Stokes Equations for Stochastic Particle
H. T. Yau Systems on the Lattice 395
- N. Simányi The Characteristic Exponents of the Falling Ball
Model 457
- M. Varagnolo, E. Vasserot Schur Duality in the Toroidal Setting 469
- D. C. Brydges, G. Slade Statistical Mechanics of the 2-Dimensional
Focusing Nonlinear Schrödinger Equation 485

Indexed in *Current Contents*
Abstracted/Indexed in
MATH Database,
Zentralblatt für Mathematik
Evaluated and abstracted for *PHYS on STN*
CMPHAY 182 (2) 253–504
December (III) 1996



Springer