

# Communications in Mathematical Physics

Volume 115 Number 1 1988

- A. V. Mikhailov, A. B. Shabat,  
R. I. Yamilov      Extension of the Module of Invertible Transformations.  
Classification of Integrable Systems 1
- U. Lindström, M. Roček      New Hyperkähler Metrics and New Supermultiplets 21
- K. Hattori, T. Hattori,  
H. Watanabe      Block Spin Approach to the Singularity Properties of the  
Continued Fractions 31
- J.-M. Bismut, H. Gillet,  
C. Soulé      Analytic Torsion and Holomorphic Determinant Bundles.  
I. Bott-Chern Forms and Analytic Torsion 49
- J.-M. Bismut, H. Gillet,  
C. Soulé      Analytic Torsion and Holomorphic Determinant Bundles.  
II. Direct Images and Bott-Chern Forms 79
- S. N. M. Ruijsenaars      Action-Angle Maps and Scattering Theory for Some Finite-  
Dimensional Integrable Systems. I. The Pure Soliton Case 127
- P. Nelson      Holomorphic Coordinates for Supermoduli Space 167
- Indexed in *Current Contents*  
Evaluated and abstracted for *PHYS* on *STN*



Springer International

220 Commun. Math. Phys.  
ISSN 0010-3616 CMPHAY 115 (1) 1-176 (1988)

March (I) 1988