

# Communications in Mathematical Physics

Volume 172 Number 1 1995

- J. A. Dixon, R. Minasian BRS Cohomology of the Supertranslations in  
 $D = 4$  1
- M. Avellaneda, W. E. I-Liang Chern Statistical Properties of Shocks in Burgers  
Turbulence 13
- I-Liang Chern Long-Time Effect of Relaxation for Hyperbolic  
Conservation Laws 39
- F. Bonetto, V. Mastropietro Beta Function and Anomaly of the Fermi Surface for  
a  $d = 1$  System of Interacting Fermions in a Periodic  
Potential 57
- K. Burns, H. Weiss A Geometric Criterion for Positive Topological  
Entropy 95
- F. Flandoli, B. Maslowski Ergodicity of the 2-D Navier-Stokes Equation  
Under Random Perturbations 119
- D. Brydges, J. Dimock, T. R. Hurd The Short Distance Behavior of  $(\phi^4)_3$  143
- S. Doplicher, K. Fredenhagen, J. E. Roberts The Quantum Structure of Spacetime at the Planck  
Scale and Quantum Fields 187
- K. S. Alexander Simultaneous Uniqueness of Infinite Clusters in  
Stationary Random Labeled Graphs (*Erratum*) 221

Indexed in *Current Contents*

Evaluated and abstracted for *PHYS* on *STN*

CMPHAY 172 (1) 1–222

August (III) 1995



Springer