

# Communications in Mathematical Physics

Volume 105 Number 2 1986

- M. Lüscher    Volume Dependence of the Energy Spectrum in Massive Quantum Field Theories. II. Scattering States 153
- R. Illner, M. Pulvirenti    Global Validity of the Boltzmann Equation for a Two-Dimensional Rare Gas in Vacuum 189
- L. Arkeryd    On the Boltzmann Equation in Unbounded Space far from Equilibrium, and the Limit of Zero Mean Free Path 205
- J. T. Chayes, L. Chayes    Ornstein-Zernike Behavior for Self-Avoiding Walks at All Noncritical Temperatures 221
- T. Ichinose, H. Tamura    Imaginary-Time Path Integral for a Relativistic Spinless Particle in an Electromagnetic Field 239
- C. A. Pillet    Asymptotic Completeness for a Quantum Particle in a Markovian Short Range Potential 259
- D. H. Martirosian    Translation Invariant Gibbs States in the  $q$ -State Potts Model 281
- F. Nicolò, J. Renn, A. Steinmann    On the Massive Sine-Gordon Equation in all Regions of Collapse 291
- Y. Colin de Verdiere    L'asymptotique de Weyl pour les bouteilles magnétiques 327

Indexed in *Current Contents*

Evaluated for *Physics Briefs* and *INKA-PHYS* data base



Springer-Verlag  
Berlin Heidelberg New York Tokyo