

Communications in
**Mathematical
 Physics**

Volume 156 Number 2 1993

- B. Derrida, M. R. Evans Mean Field Theory of Directed Polymers
 E. R. Speer with Random Complex Weights 221
 C. M. Hull \mathcal{W} -Geometry 245
- J. Ding, I. B. Frenkel Isomorphism of Two Realizations
 of Quantum Affine Algebra $U_q(\widehat{\mathfrak{gl}(n)})$ 277
- E. Zaslow Topological Orbifold Models and Quantum
 Cohomology Rings 301
- X. P. Wang Total Cross Sections in N -body Problems:
 Finiteness and High Energy Asymptotics 333
- V. Baladi, L.-S. Young On the Spectra of Randomly Perturbed
 Expanding Maps 355
- L. Malozemov The Integrated Density of States
 for the Difference Laplacian
 on the Modified Koch Graph 387
- S. L. Lu, H. T. Yau Spectral Gap and Logarithmic Sobolev Inequality
 for Kawasaki and Glauber Dynamics 399

Indexed in *Current Contents*

Evaluated and abstracted for *PHYS* on *STN*

CMPHAY 156 (2) 221–434

September (II) 1993

Printed on acid-free paper



Springer International