

Communications in Mathematical Physics

Volume 147 Number 1 1992

- | | |
|---|---|
| M. Kontsevich | Intersection Theory on the Moduli Space of Curves and the Matrix Airy Function 1 |
| M. Adler, P. van Moerbeke | A Matrix Integral Solution to two-dimensional W_p -Gravity 25 |
| A. M. Bloch, R. W. Brockett,
T. S. Ratiu | Completely Integrable Gradient Flows 57 |
| T. Cazenave, F. B. Weissler | Rapidly Decaying Solutions of the Nonlinear Schrödinger Equation 75 |
| T. Hara, G. Slade | Self-Avoiding Walk in Five or More Dimensions
I. The Critical Behaviour 101 |
| P. T. Chruściel,
D. B. Singleton | Non-Smoothness of Event Horizons of Robinson-Trautman Black Holes 137 |
| S. Paycha | The Faddeev—Popov Procedure and Application to Bosonic Strings: An Infinite Dimensional Point of View 163 |
| M. S. Ashbaugh,
R. D. Benguria | A Second Proof of the Payne—Pólya—Weinberger Conjecture 181 |
| A. Sengupta | The Semiclassical Limit for Gauge Theory on S^2 191 |
| D. Zagier | Realizability of a Model in Infinite Statistics 199 |
| S. Stanciu | The Energy Operator for Infinite Statistics 211 |

Indexed in *Current Contents*

Evaluated and abstracted for *PHYS* on *STN*



Springer International

220 Commun. Math. Phys.
ISSN 0010-3616 CMPHAY 147 (1) 1—216 (1992)
Printed on acid-free paper

June (II) 1992