

Communications in Mathematical Physics

Volume 80 Number 3 1981

- G. Segal Unitary Representations of some Infinite Dimensional Groups 301
- C. H. Taubes The Existence of Multi-Monopole Solutions to the Non-Abelian, Yang—Mills—Higgs Equations for Arbitrary Simple Gauge Groups 343
- M. Requardt How Conclusive is the Sealing-Argument? The Connection Between Local and Global Scale Variations of Finite Action Solutions of Classical Euler—Lagrange Equations 369
- E. Witten A New Proof of the Positive Energy Theorem 381
- K. Kuroda The Geometrical Phase Transitions in a Lattice Model 403
- S. W. Hawking Interacting Quantum Fields Around a Black Hole 421
- L. Alvarez-Gaume,
D. Z. Freedman Geometrical Structure and Ultraviolet Finiteness in the Supersymmetric σ -Model 443

Indexed in Current Contents



Springer-Verlag
Berlin Heidelberg New York