

CONTENTS

P r e f a c e	v
Lectures	
Forms and Fields: Applications of Differential Forms to Field Theory <i>R. Aldrovandi</i>	1
Exact Electromagnetic Duality I <i>L. A. Ferreira</i>	133
Lectures on Exact Electromagnetic Duality II <i>D. I. Olive</i>	166
Quantum Field Theory in 2+1 Dimensions <i>E. C. Marino</i>	196
Lectures on Topological Membranes <i>I. I. Kogan</i>	223
Preliminaries to Quantum Field Theory in Curved Spacetimes <i>G. E. A. Matsas</i>	291
Quantum Field Theory in Curved Spacetime <i>L. H. Ford</i>	345
Introduction to Thermal Field Theory <i>P. V. Landshoff</i>	389
Introduction to the Standard Model Physics <i>O. J. P. Eboli</i>	402
What is Supersymmetry and How Do We Find It? <i>X. Tata</i>	404
Highest Energy Cosmic Rays and the Auger Project <i>P. Sommers</i>	493
List of Participants	513