



CONTENTS

PROTON DECAY EXPERIMENTS, <i>D. H. Perkins</i>	1
NUCLEOSYNTHESIS, <i>James W. Truran</i>	53
THE PHYSICS OF PARTICLE ACCELERATORS, <i>J. D. Lawson and M. Tigner</i>	99
LOW-ENERGY NEUTRINO PHYSICS AND NEUTRINO MASS, <i>F. Boehm and P. Vogel</i>	125
NUCLEAR COLLISIONS AT HIGH ENERGIES, <i>S. Nagamiya, J. Randrup, and T. J. M. Symons</i>	155
THE ROLE OF ROTATIONAL DEGREES OF FREEDOM IN HEAVY-ION COLLISIONS, <i>L. G. Moretto and G. J. Wozniak</i>	189
SUPERCONDUCTING MAGNET TECHNOLOGY FOR ACCELERATORS, <i>R. Palmer and A. V. Tollestrup</i>	247
HIGH-RESOLUTION ELECTRONIC PARTICLE DETECTORS, <i>G. Charpak and F. Sauli</i>	285
HYPERON BETA DECAYS, <i>Jean-Marc Gaillard and Gilles Sauvage</i>	351
RECENT PROGRESS IN UNDERSTANDING TRINUCLEON PROPERTIES, <i>J. L. Friar, B. F. Gibson, and G. L. Payne</i>	403
NUCLEAR REACTION TECHNIQUES IN MATERIALS ANALYSIS, <i>G. Amsel and W. A. Lanford</i>	435
MAGNETIC MONOPOLES, <i>John Preskill</i>	461
PION INTERACTIONS WITHIN NUCLEI, <i>Mannque Rho</i>	531
INDEXES	
Cumulative Index of Contributing Authors, Volumes 24–34	583
Cumulative Index of Chapter Titles, Volumes 24–34	585