

CONTENTS

COLLIDING-BEAM ACCELERATORS, <i>C. Pellegrini</i>	1
ISOSPIN IMPURITIES IN NUCLEI, <i>George F. Bertsch, Aram Mekjian</i>	25
CALCULATION OF FISSION BARRIERS FOR HEAVY AND SUPERHEAVY NUCLEI, <i>James Rayford Nix</i>	65
ELECTROMAGNETIC TRANSITIONS AND MOMENTS IN NUCLEI, <i>Shiro Yoshida,</i> <i>Larry Zamick</i>	121
PERTURBATION OF NUCLEAR DECAY RATES, <i>G. T. Emery</i>	165
DEEP INELASTIC ELECTRON SCATTERING, <i>Jerome I. Friedman, Henry W.</i> <i>Kendall</i>	203
EVIDENCE FOR REGGE POLES AND HADRON COLLISION PHENOMENA AT HIGH ENERGIES, <i>Charles B. Chiu</i>	255
THERMAL BREEDER REACTORS, <i>Alfred M. Perry, Alvin M. Weinberg</i>	317
RADIATION DAMAGE MECHANISMS AS REVEALED THROUGH ELECTRON SPIN RESONANCE SPECTROSCOPY, <i>Harold C. Box</i>	355
NUCLEAR APPLICATIONS IN ART AND ARCHAEOLOGY, <i>I. Perlman, F. Asaro,</i> <i>H. V. Michel</i>	383
NUCLEAR LEVEL DENSITIES, <i>J. R. Huizenga, L. G. Moretto</i>	427
THE NUCLEON-NUCLEON EFFECTIVE RANGE EXPANSION PARAMETERS, <i>H. P.</i> <i>Noyes</i>	465
SOME RELATED ARTICLES APPEARING IN OTHER <i>Annual Reviews</i>	485
AUTHOR INDEX	487
CUMULATIVE INDEX OF CONTRIBUTING AUTHORS, VOLUMES 13 TO 22	500
CUMULATIVE INDEX OF CHAPTER TITLES, VOLUMES 13 TO 22	501