

COMMUNICATIONS IN PHYSICS

ISSN 0868-3166

Published by
NATIONAL CENTRE FOR NATURAL
SCIENCE AND TECHNOLOGY OF VIETNAM

Volume 11, Number 4

December 2001
Page

Contents

1. **Le Hong Khiem and Nguyen Tuan Khai** - Production cross-sections from $^{59}\text{Co}+^9\text{Be}$ at 80 MeV/nucleon. 193-198
2. **Vu Ngoc Hung, Trinh Quang Thong, Nguyen Duc Chien, Nguyen Thang Long, Dinh Van Dung, and Nguyen Phu Thuy** - Silicon piezoresistive sensor for measuring magnetostriction effect. 199-203
3. **Vo Thi Thanh Ha** - The dependence on growth conditions of deep levels in MOVPE-Ga_{0.51}In_{0.49}P alloys. 204-212
4. **Tran Dai Nghiep, Do Thi Nguyet Minh, and Khuong Thanh Tuan** - Energy transfer model and radiation-induced decoloration of azo dye in aqueous solution. 213-216
5. **Pham Thi Quyen** - A model of tachyon free string. 217-220
6. **Hoang Hoa Mai and Nguyen Dinh Duong** - Analysis of uncertainties for dose measurements in radiation processing. 221-229
7. **Bui Thi Thanh Lan, Chu Dinh Thuy, and Le Hong Khiem** - Monte Carlo investigation of the spectral extinction. 230-238
8. **Tran Duc Thiep, Nguyen Khac Thi, Nguyen Van Do, Truong Thi An, and Pham Duc Khue** - Determination of absolute activity of radioactive sources by coincidence technique. 239-244
9. **Nguyen Van Khiem, Le Viet Bau, Nguyen Manh An, Dao Nguyen Hoai Nam, Le Van Hong, Nguyen Minh Hong, and Nguyen Xuan Phuc** - Paramagnetic state resistivity of Nd_{0.7}Sr_{0.3}Mn_{1-y}Mg_yO₃ compounds (0≤y≤0.1). 245-249
10. **Vo Van Hoang, Nguyen Hoang Hung, To Ba Van, and Pham Khac Hung** - Calculation of magnetic properties of the amorphous Fe by XY model and Monte-Carlo method. 250-256