

CONTENTS

Original Articles

1. **Vu Minh Anh, Nguyen Dinh Duc**, Nonlinear Vibration of Porous Functionally Graded Cylindrical Panel Using Reddy's High Order Shear Deformation 1
2. **Nguyen Thu Ha**, Robust Stability of Implicit Dynamic Equations on Time Scales 22
3. **Trinh Thi Loan, Nguyen Ngoc Long**, Synthesis and Characterization of Ni²⁺-doped SnO₂ Powders 33
4. **Nguyen Khac Man, Nguyen Duc Hoa, Duong Thi Thanh Nhan**, Improvement of Critical Current Density in Bi-2223 Superconductor by Ag-Doping 41
5. **Phan Van Do**, Optical Properties and White Light Emission of Dy³⁺ Doped Alumino Borotellurite Glasses 52
6. **Nguyen Thi Kim Chi, Nguyen Duy Hung**, Synthesis and Optical Properties of SrMgAl₁₀O₁₇:Mn⁴⁺ for Phosphor Conversion Solid State Lighting Devices 59
7. **Nguyen Dinh Lam**, Influences of PbS Quantum Dot Layers on Power Conversion Efficiency of Single Junction GaAs Solar Cells 66
8. **Pham Tri Dung, Nguyen Quang Bau, Nguyen Thi Thu Ha, Mai Thi Lan**, Investigation of Pressure Effect on Structure of 3Al₂O₃.2SiO₂ System 72
9. **Le Minh Hieu, Truong Thi Hieu Hanh, Dang Ngoc Hoang Thanh**, Finite-Difference Scheme for Initial Boundary Value Problems in Financial Mathematics 79
10. **Tran Thi Ngoc Anh, Tran Thi Ha, Nguyen Viet Tuyen, Pham Nguyen Hai**, Characteristics of Ag Doped ZnO Thin Films Prepared by Sputtering Method 87
11. **Nguyen Thi Hau, Dao Thi Le Thuy**, Higgs and Vector Unparticle Production via $\mu^+ \mu^-$ Collision in the Randall – Sundrum Model 93
12. **Nguyen Thi Hong, Ho Khac Hieu**, High-pressure Melting Curves of α and γ Phases of Iron 99
13. **Hoang Huu Duc, Nguyen Duc Minh, Phan Viet Cuong, Le Toan Anh, SomsavathLeuangtakoun, Bui Van Loat**, Transfer of ²³⁸U and ²³²Th from Soils to Tea Leaves in Luong My Farm, Hoa Binh Province, Vietnam 106
14. **Nguyen Quang Bau, Doan Minh Quang, Tran Hai Hung**, Magneto-thermoelectric Effects in Cylindrical Quantum Wire under the Influence of Electromagnetic Wave for Electron-optical Phonon Scattering 116