

## Table of Contents

Volume 5    Number 3

July 2015

### Coloring Characteristic of Lead Glass for X-Ray Irradiation

M. Sekimoto, Y. Katoh.....25

### Reverse Monte Carlo Modeling of the Rigidity Percolation Threshold in $\text{Ge}_x\text{Se}_{1-x}$ Glassy Networks

M. T. M. Shatnawi.....31

### Optical Basicity and Polarizability of $\text{Nd}^{3+}$ -Doped Bismuth Borate Glasses

B. Bhatia, S. L. Meena, V. Parihar, M. Poonia.....44

### Thermal and FT-IR Properties of Semiconducting $\text{SnO}_2\text{-PbO-V}_2\text{O}_5$ Glass System

P. Tejeswara Rao, B. Vasundhara.....53

### Dielectric and Magnetic Properties of Nano-Structure $\text{BiFeO}_3$ Doped with Different Concentrations of Co Ions Prepared by Sol-Gel Method

I. K. Batttisha, I. S. A. Farag, M. Kamal, M. A. Ahmed, E. Girgis, H. A. El Meleegi, F. El Desouki.....59