

## Table of Contents

Volume 4 Number 4

April 2016

### I<sup>-</sup> Ions as Obstacles to Dislocation Motion in NaCl:I<sup>-</sup> Single Crystals

- Y. Kohzuki, T. Ohgaku.....1

### Hardness Profile Prediction for a 4340 Steel Spline Shaft Heat Treated by Laser Using a 3D Modeling and Experimental Validation

- M. Hadhri, A. El Ouafi, N. Barka.....9

### Application of Finite Fourier Transform and Similarity Approach in a Binary System of the Diffusion of Water in a Polymer

- H. A. Maddah.....20

### Changing the Growth Behavior of a NiSn-Solder Using Gold

- M. Wendt, A. Weimar, M. Zenger, K. Dilger.....31

### Sorption Characteristics for Multiple Adsorption of Heavy Metal Ions Using Activated Carbon from Nigerian Bamboo

- A. F. Taiwo, N. J. Chinyere.....39