

TABLE OF CONTENTS

Volume 2 Number 2

April 2013

Appearance of Negative Differential Conductivity in Graphene Nanoribbons at High-Harmonics

M. Rabiou, S. Y. Mensah, S. S. Abukari.....61

Ytterbium Intercalation of Epitaxial Graphene Grown on Si-Face SiC

S. Watcharinyanon, L. I. Johansson, C. Xia, J. I. Flege, A. Meyer, J. Falta, C. Virojanadara.....66

Symmetry Classification of Energy Bands in Graphene and Silicene

E. Kogan.....74

Graphene/Polypyrrole Nanocomposite as Electrochemical Supercapacitor Electrode: Electrochemical Impedance Studies

P. A. Basnayaka, M. K. Ram, L. Stefanakos, A. Kumar.....81

Lifshitz Transition Including Many-Body Effects in Bi-Layer Graphene and Change in Stacking Order

P. Goswami.....88