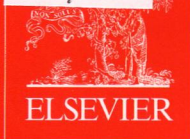


ПН
S70/5c

Volume 168, 2013 ISSN 0038-1098

Published 14 August 2013



solid state communications

a condensed matter science journal

Submit On-line: www.elsevier.com/locate/ssc

CONTENTS

Communications

- S.R. Ghorbani, M. Darini, X.L. Wang, M.S.A. Hossain and S.X. Dou 1 Vortex flux pinning mechanism and enhancement of in-field J_c in succinic acid doped MgB_2
- B. Bouadjemi, S. Bentata, A. Abbad, W. Benstaali and B. Bouhafis 6 Half-metallic ferromagnetism in $PrMnO_3$ perovskite from first principles calculations
- S. Azevedo and J.R. Kaschny 11 Effect of BN domains on the stability and electronic structure of carbon nanotubes
- R. Miao, L. Zhang, C. Liu, J. Yang, M. Luan, Q. Zhang and Z. Bai 15 First-principles calculation of superconductivity in hole-doped LiBC: Through partial substitution of B or C atoms
- Z. Wang, Y. Zhang and J. Cao 19 Manipulating the magnetic anisotropy of 3d transition-metal films on Cu(001) and their alloys on Rh(001) by electric field
- A. Bhaskar, Y.C. Huang and C.-J. Liu 24 Thermoelectric properties of $Ca_{3-x}Eu_xCo_4O_{9+\delta}$ ($0 \leq x \leq 0.1$)
- S.-H. Kim and C.E. Lee 28 ^{31}P nuclear magnetic resonance study of the proton-irradiated $KTiOPO_4$
- A. Jakhar, A. Jamdagni, A. Bakshi, T. Verma, V. Shukla, P. Jain, N. Sinha and P. Arun 31 Refractive index of SnS thin nano-crystalline films
- V.N. Mantsevich, N.S. Maslova and P.I. Arseyev 36 Charge trapping in the system of interacting quantum dots
- M.-S. Chen, C.-J. Wu, T.-J. Yang and A.Y.-G. Fuh 42 Wave properties of Fibonacci-sequence photonic crystals containing single-negative materials
- J. Mucha, H. Misiorek, A. Jezowski, L.S. Parfen'ev and I.A. Smirnov 52 Application of the Callaway theory to analysis of thermal transport by phonons in ceramic and biomorphic composites
- Y. Hu, N. Jia, G. Wu, Y. Liu, A. Du and H. Wu 56 Angular dependencies of exchange bias and coercivity in the ferromagnetic/antiferromagnetic bilayers not subjected to field-cooling treatments
- S. Panda and D. Biswas 60 Effects of doping concentration on the transition energy of InGaN/GaN quantum well diodes



0038-1098(201308)168:C;1-G

Available online at www.sciencedirect.com

SciVerse ScienceDirect

Indexed/abstracted in: *Curr. Cont. Res. Alert, Cam. Sci. Abstr., Curr. Cont./Phy. Chem. & Earth Sci., Eng. Ind., INSPEC Data., PASCAL-CNRS Data., Curr. Cont. Sci. Cit. Ind., Curr. Cont. SCISEARCH Data., SSSA/CISA/ISMEC, Chemical Abstracts Service, MSCI*
 Also covered in the abstract and citation database SciVerse Scopus®
 Full text available on SciVerse ScienceDirect®