

ПИ
I-69/jmp

International Journal of

Modern Physics B

CONDENSED MATTER PHYSICS • STATISTICAL PHYSICS

Volume 28 • Number 21 • 20 August 2014

www.worldscientific.com/ijmpb/

INTERNATIONAL JOURNAL OF MODERN PHYSICS B
Vol. 28, No. 21 (20 August 2014)

CONTENTS

Review Paper

- Lectures on dynamical models for quantum measurements
T. M. Nieuwenhuizen, M. Perarnau-Llobet and R. Balian 1430014

Research Papers

- q*-Deformed Tamm–Dancoff oscillators: Coherent state and thermostatics
W. S. Chung and A. Algin 1450130
- Balance equations in semi-relativistic quantum hydrodynamics
A. Yu. Ivanov, P. A. Andreev and L. S. Kuz'menkov 1450132
- Generic model for Cooper pair splitting
H. Soller 1450137
- Equilibrium geometries, electronic and magnetic properties of small Au_nNi^-
($n = 1 - 9$) clusters
C.-M. Tang, X.-X. Chen and X.-D. Yang 1450138
- First-principles study of structural, electronic and optical properties of the KCax_3
($X = \text{F}$ and Cl) compounds
A. A. Mousa 1450139
- A study on the microstructural and magnetic properties of the
 $\text{Sr}_{0.70-x}\text{Ba}_x\text{La}_{0.30}\text{Fe}_{11.78}\text{Cu}_{0.22}\text{O}_{19}$ hexagonal ferrites
Y. Yang and X. Liu 1450140
- First-principles study of the stability of graphene and adsorption of halogen atoms
(F , Cl and Br) on hydrogen passivated graphene
D. B. Karki and N. P. Adhikari 1450141
- Accurate ground-state variational wavefunction for the two-dimensional electron gas
Z.-W. Zhou, J.-X. Sun and M. A. Khan 1450148