

CONTENTS - *Continued*

PHYSICAL REVIEW B

THIRD SERIES, VOLUME 57, NUMBER 15

15 APRIL 1998-I

Optical properties of Ge self-organized quantum dots in Si	8805
C. S. Peng, Q. Huang, W. Q. Cheng, J. M. Zhou, Y. H. Zhang, T. T. Sheng, and C. H. Tung	
Comparison between two models of dephasing in mesoscopic systems	8809
T. P. Pareek, Sandeep K. Joshi, and A. M. Jayannavar	
Fermi-fluid description of the half-filled Landau level	8812
Tapash Chakraborty	
Giant higher harmonic generation in mesoscopic metal wires and rings interrupted by tunnel junctions	8816
A. van Oudenaarden, Yu. V. Nazarov, and J. E. Mooij	
Surface physics, low-dimensional systems, and related topics	
Augmented-plane-wave method for photonic band-gap materials	8819
W. C. Sailor, F. M. Mueller, and Pierre R. Villeneuve	
Formation of a bilayer ordered surface alloy Mn/Ag(001)	8823
Wondong Kim, Wookje Kim, S.-J. Oh, J. Seo, J.-S. Kim, H.-G. Min, and S.-C. Hong	
Structure and electronic properties of Al ₁₄ and Al ₁₃ Na clusters	8827
Vijay Kumar	
Free-electron model for mesoscopic force fluctuations in nanowires	8830
S. Blom, H. Olin, J. L. Costa-Krämer, N. García, M. Jonson, P. A. Serena, and R. I. Shekhter	
Energy gap in the bilayer: Understanding the failure of the Singwi-Tosi-Land-Sjolander approximation	8834
G. Kalman and K. I. Golden	
Overlayer-dependent magnetic moment and anisotropy of a Co monolayer on Cu(100)	8838
L. Szunyogh, B. Ujfalussy, U. Pustogowa, and P. Weinberger	
Growth modes depending on the growing temperature in heteroepitaxy: Au/Ni(111)	8842
Kenji Umezawa, Shigemitsu Nakanishi, and Walter M. Gibson	

ARTICLES

Electronic structure: wide-band, narrow-band, and strongly correlated systems

Spin-integrated and spin-resolved photoemission study of Fe chalcogenides	8845
K. Shimada, T. Mizokawa, K. Mamiya, T. Saitoh, A. Fujimori, K. Ono, A. Kakizaki, T. Ishii, M. Shirai, and T. Kamimura	
Dynamic correlations in a charged Bose gas	8854
K. Tankeshwar, B. Tanatar, and M. P. Tosi	
Linear optical absorption spectra of mesoscopic structures in intense THz fields: Free-particle properties	8860
Kristinn Johnsen and Antti-Pekka Jauho	
Spectral function of two-dimensional Fermi liquids	8873
Christoph J. Halboth and Walter Metzner	
Orthogonality catastrophe in a one-dimensional system of correlated electrons	8878
V. Meden, P. Schmitteckert, and Nic Shannon	
⁷ Li and ⁵¹ V NMR study of the heavy-fermion compound LiV ₂ O ₄	8890
A. V. Mahajan, R. Sala, E. Lee, F. Borsa, S. Kondo, and D. C. Johnston	
Magnetotransport in carbon foils fabricated from exfoliated graphite	8900
R. T. F. van Schaijk, A. de Visser, S. G. Ionov, V. A. Kulbachinskii, and V. G. Kytin	
Ballistic transport and electronic structure	8907
Kees M. Schep, Paul J. Kelly, and Gerrit E. W. Bauer	
Structural instability in polyacene: A projector quantum Monte Carlo study	8927
Bhargavi Srinivasan and S. Ramasesha	

(Continued)