

CONTENTS - Continued

PHYSICAL REVIEW B

THIRD SERIES, VOLUME 63, NUMBER 20

15 MAY 2001-II

Origin of beat patterns in the quantum magnetoresistance of gated InAs/GaSb and InAs/AlSb quantum wells (4 pages)	201307(R)
A. C. H. Rowe, J. Nehls, R. A. Stradling, and R. S. Ferguson	
Photoluminescence of a low-density two-dimensional hole gas in a GaAs quantum well: Observation of valence-band Landau levels (4 pages)	201308(R)
S. Glasberg, H. Shtrikman, and I. Bar-Joseph	
Effects of entanglement in controlled dephasing (4 pages)	201309(R)
Alessandro Silva and Shimon Levit	
Low-energy spin rotons in the fractional quantum Hall effect (4 pages)	201310(R)
Sudhansu S. Mandal and J. K. Jain	
Dephasing effect in photon-assisted resonant tunneling through quantum dots (4 pages)	201311(R)
Junren Shi, Zhongshui Ma, and X. C. Xie	
Dependence of the band structure on the order parameter for partially ordered $\text{Ga}_x\text{In}_{1-x}\text{P}$ alloys (4 pages) ...	201312(R)
Yong Zhang, Angelo Mascarenhas, and Lin-Wang Wang	

Surface physics, low-dimensional systems, and related topics

Experimental tests for the relevance of two-level systems for electron dephasing (4 pages)	201401(R)
I. L. Aleiner, B. L. Altshuler, and Y. M. Galperin	
Cyclotron spin-flip excitations in the extreme quantum limit (4 pages)	201402(R)
L. V. Kulik, I. V. Kukushkin, V. E. Kirpichev, J. H. Smet, K. v. Klitzing, and W. Wegscheider	
Number of Raman- and infrared-active vibrations in single-walled carbon nanotubes (3 pages)	201403(R)
Ofir E. Alon	

ARTICLES

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

Weak localization in disordered systems at the ballistic limit (13 pages)	205101
Assaf Ater and Oded Agam	
Density-functional description of spinel ZnFe_2O_4 (5 pages)	205102
D. J. Singh, M. Gupta, and R. Gupta	
Realistic description of electron-energy-loss spectroscopy for one-dimensional Sr_2CuO_3 (4 pages)	205103
A. Hübsch, J. Richter, C. Waidacher, K. W. Becker, and W. von der Linden	
Staggered liquid phases of the one-dimensional Kondo-Heisenberg lattice model (10 pages)	205104
Oron Zachar	
On the exactness of simple natural spin-orbital functionals for a high-density homogeneous electron gas (8 pages)	205105
Jerzy Cioslowski, Paul Ziesche, and Katarzyna Pernal	
Tunneling between Luttinger liquids (10 pages)	205106
P. Schlottmann	
Population dynamics in Er^{3+} -doped fluoride glasses (15 pages)	205107
V. K. Bogdanov, D. J. Booth, W. E. K. Gibbs, J. S. Javorniczky, P. J. Newman, and D. R. MacFarlane	
Three-dimensional band mapping by angle-dependent very-low-energy electron diffraction and photoemission: Methodology and application to Cu (16 pages)	205108
V. N. Strocov, R. Claessen, G. Nicolay, S. Hüfner, A. Kimura, A. Harasawa, S. Shin, A. Kakizaki, H. I. Starnberg, P. O. Nilsson, and P. Blaha	
First-principles density-functional calculations using localized spherical-wave basis sets (8 pages)	205109
C. K. Gan, P. D. Haynes, and M. C. Payne	
Many-body CPA for the Holstein double-exchange model (11 pages)	205110
A. C. M. Green	

(Continued)