

CONTENTS - Continued

PHYSICAL REVIEW B

THIRD SERIES, VOLUME 61, NUMBER 8

15 FEBRUARY 2000-II

Direct observation of an ac Stark splitting in semiconductor microcavities excited above the continuum onset	R5113
F. Quochi, M. Saba, C. Ciuti, R. P. Stanley, R. Houdré, U. Oesterle, J. L. Staehli, B. Deveaud, G. Bongiovanni, and A. Mura	
Surface-state transitions of Si(111)-7×7 probed using nonlinear optical spectroscopy	R5117
Takanori Suzuki	

Surface physics, low-dimensional systems, and related topics

Intricate stepline artifact can mimic true atomic resolution in atomic force microscopy	R5121
F. M. Ohnesorge	
Compact surface-cluster diffusion by concerted rotation and translation	R5125
J. C. Hamilton, Mads R. Sørensen, and Arthur F. Voter	
Localized and delocalized charge transport in single-wall carbon-nanotube mats	R5129
O. Hilt, H. B. Brom, and M. Ahlskog	
Electronic states and magnetism of monatomic Co and Cu wires	R5133
A. Dallmeyer, C. Carbone, W. Eberhardt, C. Pampuch, O. Rader, W. Gudat, P. Gambardella, and K. Kern	
Anti-Stokes Raman spectra of single-walled carbon nanotubes	R5137
S. D. M. Brown, P. Corio, A. Marucci, M. S. Dresselhaus, M. A. Pimenta, and K. Kneipp	

ARTICLES

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

Analytic stress tensor with the periodic fast multipole method	5141
Konstantin N. Kudin and Gustavo E. Scuseria	
Reliable Padé analytical continuation method based on a high-accuracy symbolic computation algorithm	5147
K. S. D. Beach, R. J. Gooding, and F. Marsiglio	
Higher-order correlation effects to the solution of the Hubbard model	5158
Hong-Gang Luo and Shun-Jin Wang	
Finite-temperature transport in finite-size Hubbard rings in the strong-coupling limit	5169
N. M. R. Peres, R. G. Dias, P. D. Sacramento, and J. M. P. Carmelo	
Spatial correlations in dynamical mean-field theory	5184
J. Llewellyn Smith and Qimiao Si	
Effect of exchange and correlation on bulk properties of MgO, NiO, and CoO	5194
Thomas Bredow and Andrea R. Gerson	
Two-dimensional limit of exchange-correlation energy functional approximations	5202
Yong-Hoon Kim, In-Ho Lee, Satyadev Nagaraja, Jean-Pierre Leburton, Randolph Q. Hood, and Richard M. Martin	
Fermi surface of 2H-TaSe ₂ and its relation to the charge-density wave	5212
Rong Liu, W. C. Tonjes, V. A. Greanya, C. G. Olson, and R. F. Frindt	
Electronic structure study of the magnetoresistance material CaCu ₃ Mn ₄ O ₁₂ by LSDA and LSDA+U	5217
Hua Wu, Qing-qi Zheng, and Xin-gao Gong	
Tight-binding Hamiltonians for Sr-filled ruthenates: Application to the gap anisotropy and Hall coefficient in Sr ₂ RuO ₄	5223
I. I. Mazin, D. A. Papaconstantopoulos, and D. J. Singh	
Connection between charge transfer and alloying core-level shifts based on density-functional calculations	5229
M. Methfessel, Vincenzo Fiorentini, and Sabrina Oppo	
Bosons in a lattice: Exciton-phonon condensate in Cu ₂ O	5237
D. Roubtsov and Y. Lépine	
Influence of population decay on the short time signal in four-wave mixing experiments	5254
J. P. Lavoine and A. J. Boeglin	

(Continued)