

CONTENTS - Continued

PHYSICAL REVIEW B

THIRD SERIES, VOLUME 63, NUMBER 4

15 JANUARY 2001-II

Partial density of occupied valence states by x-ray standing waves and high-resolution photoelectron spectroscopy (4 pages)	041403(R)
J. C. Woicik, E. J. Nelson, T. Kendelewicz, P. Pianetta, Manish Jain, Leeor Kronik, and James R. Chelikowsky	

ARTICLES

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

Model of a two-dimensional photonic bicrystal (6 pages)	045101
P. Kopperschmidt and L. C. Kimerling	
Strongly interacting Luttinger-liquid state in the integrable model of spinless fermions (5 pages)	045102
Igor N. Karnaukhov	
Zhang-Rice singlet-state formation by oxygen 1s resonant x-ray emission in edge-sharing copper-oxide systems (4 pages)	045103
Kozo Okada and Akio Kotani	
Dipole and quadrupole contributions to polarized Cu K x-ray absorption near-edge structure spectra of CuO (10 pages)	045104
S. Bocharov, Th. Kirchner, G. Dräger, O. Sipr, and A. Šimůnek	
Phase diagram of the quarter-filled extended Hubbard model on a two-leg ladder (11 pages)	045105
Matthias Vojta, Arnd Hübsch, and R. M. Noack	
Localization of eigenstates in a modified Tomonaga-Luttinger model (13 pages)	045106
Dimitry M. Gangardt and Shmuel Fishman	
Correlated hopping of electrons: Effect on the Brinkman-Rice transition and the stability of metallic ferromagnetism (5 pages)	045107
M. Kollar and D. Vollhardt	
Numerical verification of universality for the Anderson transition (5 pages)	045108
Keith Slevin and Tomi Ohtsuki	
High-pressure resistance of PuTe up to 25 GPa (7 pages)	045109
V. Ichas, J. C. Griveau, J. Rebizant, and J. C. Spirlet	
Effect of the long-range random potential on optical conductivity in a one-dimensional extended-Fermi-surface system (7 pages)	045110
Sujit Sarkar	
Electronic structure of and covalency driven metal-insulator transition in $\text{BaCo}_{1-x}\text{Ni}_x\text{S}_2$ (12 pages)	045111
S. R. Krishnakumar, T. Saha-Dasgupta, N. Shanthi, Priya Mahadevan, and D. D. Sarma	
First-principles study of cation distribution in eighteen closed-shell $\text{A}^{\text{II}}\text{B}_2^{\text{III}}\text{O}_4$ and $\text{A}^{\text{IV}}\text{B}_2^{\text{II}}\text{O}_4$ spinel oxides (8 pages)	045112
Su-Huai Wei and S. B. Zhang	
Impurity-induced ferromagnetism in a doped triplet excitonic insulator (7 pages)	045113
Takashi Ichinomiya	
Charge instabilities near a Van Hove singularity (11 pages)	045114
J. González	
Electronic structure, bonding, and ground-state properties of AlB_2 -type transition-metal diborides (12 pages)	045115
P. Vajeeston, P. Ravindran, C. Ravi, and R. Asokamani	
Jellium surface energy beyond the local-density approximation: Self-consistent-field calculations (11 pages)	045116
J. M. Pitarke and A. G. Eguiluz	
Femtosecond laser pulse induced breakdown in dielectric thin films (5 pages)	045117
J. Jasapara, A. V. V. Nampoothiri, W. Rudolph, D. Ristau, and K. Starke	

(Continued)