

CONTENTS - *Continued*

PHYSICAL REVIEW B

THIRD SERIES, VOLUME 58, NUMBER 12

15 SEPTEMBER 1998-II

Spatial evolution of hot-electron relaxation in quantum Hall conductors	R7536
I. I. Kaya, G. Nachtwei, K. von Klitzing, and K. Eberl	
Optical studies of ultrashort-period GaAs/AlAs superlattices grown on (In,Ga)As pseudosubstrate	R7540
M. Rezki, A. M. Vasson, A. Vasson, P. Lefebvre, V. Calvo, R. Planel, and G. Patriarche	
Surface physics, low-dimensional systems, and related topics	
Anomaly in the anisotropy of the aluminum work function	R7544
C. J. Fall, N. Binggeli, and A. Baldereschi	
Superstructure formation and faceting in the Cu(210)-O system studied by scanning tunneling microscopy	R7548
A. T. S. Wee, J. S. Foord, R. G. Egdell, and J. B. Pethica	
Azimuthal dependence of classical over-barrier hopping diffusion of hydrogen on a vicinal Ni(111) surface	R7552
E. Nabighian and X. D. Zhu	
Activation energy for the decay of two-dimensional islands on Cu(100)	R7556
Christian Klünker, James B. Hannon, Margret Giesen, Harald Ibach, Ghyslaine Boisvert, and Laurent J. Lewis	

ARTICLES

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

Magnetic breakdown in the organic conductor α -(BEDT-TTF) ₂ KHg(SCN) ₄ in magnetic fields of up to 60 T	7560
M. M. Honold, N. Harrison, M.-S. Nam, J. Singleton, C. H. Mielke, M. Kurmoo, and P. Day	
Real-space multiple-scattering calculation and interpretation of x-ray-absorption near-edge structure	7565
A. L. Ankudinov, B. Ravel, J. J. Rehr, and S. D. Conradson	
<i>Ab initio</i> molecular-dynamics method based on the restricted path integral: Application to the electron plasma and liquid alkali metal	7577
Ki-dong Oh and P. A. Deymier	
Electronic structure and exchange interactions in the manganese-based pyrochlore oxides	7585
S. K. Mishra and S. Satpathy	
Experimental and theoretical study of electron momentum density of K ₆ C ₆₀ and comparison to pristine C ₆₀	7593
M. Marangolo, J. Moscovici, G. Louprias, S. Rabii, S. C. Erwin, C. Hérold, J. F. Maréché, and Ph. Lagrange	
Many-body band structure and Fermi surface of the Kondo lattice	7599
R. Eder, O. Rogojanu, and G.A. Sawatzky	
Charged and spin-excitation gaps in half-filled strongly correlated electron systems: A rigorous result	7612
Guang-Shan Tian	
Chiral liquids in one dimension: A non-Fermi-liquid class of fixed points	7619
Natan Andrei, Michael R. Douglas, and Andrés Jerez	
Electronic and phononic states of the Holstein-Hubbard dimer of variable length	7626
M. Acquarone, J. R. Iglesias, M. A. Gusmão, C. Noce, and A. Romano	
Model for aging in HCl-protonated polyaniline: Structure, conductivity, and composition studies	7637
A. Wolter, P. Rannou, J. P. Travers, B. Gilles, and D. Djurado	
Magneto-optical Kerr spectroscopy of palladium	7648
A. N. Yaresko, L. Uba, S. Uba, A. Ya. Perlov, R. Gontarz, and V. N. Antonov	
Biexcitons in π -conjugated oligomers: Intensity-dependent femtosecond transient-absorption study	7654
V. I. Klimov, D. W. McBranch, N. Barashkov, and J. Ferraris	
Application of relativistic scattering theory of x rays to diffraction anomalous fine structure in Cu	7663
E. Arola and P. Strange	
Polarized x-ray-absorption spectra of TiS ₂ , TiSe ₂ , and TiTe ₂	7668
S. Bocharov, G. Dräger, D. Heumann, A. Šimůnek, and O. Šipr	

(Continued)