

CONTENTS - *Continued*

PHYSICAL REVIEW B

THIRD SERIES, VOLUME 55, NUMBER 19

15 MAY 1997-I

Shot noise of sequential tunneling in a triple-barrier resonant-tunneling diode	12 880
S.-T. Yau, H. B. Sun, P. J. Edwards, and P. Lynam	

Surface physics, low-dimensional systems, and related topics

Photoelectron spectroscopy of small chromium clusters: Observation of even-odd alternations and theoretical interpretation	12 884
Lai-Sheng Wang, Hongbin Wu, and Hansong Cheng	
STM study of formic acid adsorption on Cu(110)	12 888
Stephen Poulston, Roger A. Bennett, Adrian H. Jones, and Michael Bowker	
Interplay between stick-slip motion and structural phase transitions in dry sliding friction	12 892
A. Buldum and S. Ciraci	
Surface atomic structure of $c(2 \times 2)$ -Si on Cu(110)	12 896
J. A. Martín-Gago, R. Fasel, J. Hayoz, R. G. Agostino, D. Naumović, P. Aebi, and L. Schlapbach	
Strained interface of lattice-mismatched wafer fusion	12 899
Z. L. Liao	
Direct observation of mobility and interactions of oxygen molecules chemisorbed on the Ag(110) surface	12 902
J. V. Barth, T. Zambelli, J. Winterlin, R. Schuster, and G. Ertl	
Electrical phase transitions on the alkali-metal-adsorbed Si(001) surfaces	12 906
Ki-Dong Lee and Jinwook Chung	
Conductance quantization histograms of gold nanowires at 4 K	12 910
J. L. Costa-Krämer, N. García, and H. Olin	
Hydrogen-induced changes of the electronic states in ultrathin single-crystal vanadium layers	12 914
L.-C. Duda, P. Isberg, P. H. Andersson, P. Skytt, B. Hjörvarsson, J.-H. Guo, C. Sâthe, and J. Nordgren	

ARTICLES

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

Specific heat of the two-dimensional Hubbard model	12 918
Daniel Duffy and Adriana Moreo	
Charged-boson fluid in two and three dimensions	12 925
V. Apaja, J. Halinen, V. Halonen, E. Krotscheck, and M. Saarela	
Algorithms for Korringa-Kohn-Rostoker electronic structure calculations in any Bravais lattice	12 946
E. Bruno and B. Ginatempo	
Electronic states on a fractal: The consequences of self-energy variation	12 956
R. F. S. Andrade and H. J. Schellnhuber	
Spin-charge separation, anomalous scaling, and the coherence of hopping in exactly solved two-chain models	12 963
Nic Shannon, Yanmin Li, and Nicholas d'Ambrumenil	
Multifractal properties of the wave functions of the square-lattice tight-binding model with next-nearest-neighbor hopping in a magnetic field	12 971
I. Chang, K. Ikezawa, and M. Kohmoto	
Semiempirical Hartree-Fock calculations for pure and Li-doped KTaO_3	12 976
R. I. Eglitis, A. V. Postnikov, and G. Borstel	
Second-order nonlinear optical properties of bond-alternating dipolar structures	12 982
Y. M. Cai, S. Yamada, O. Zamani-Khamiri, A. F. Garito, and K. Y. Wong	
Interchain coupling model for quasi-one-dimensional π -conjugated organic ferromagnets	12 989
W. Z. Wang, Z. L. Liu, and K. L. Yao	