

CONTENTS - Continued

PHYSICAL REVIEW B

THIRD SERIES, VOLUME 53, NUMBER 16

15 APRIL 1996-II

Subband renormalization in dense electron-hole plasmas in $\text{In}_{0.53}\text{Ga}_{0.47}\text{As}/\text{InP}$ quantum wires	R10 505
K. H. Wang, M. Bayer, A. Forchel, P. Ils, S. Benner, H. Haug, Ph. Pagnod-Rossiaux, and L. Goldstein	
Nature of optical transitions in self-organized InAs/GaAs quantum dots	R10 509
M. Grundmann, N. N. Ledentsov, O. Stier, J. Böhrer, D. Bimberg, V. M. Ustinov, P. S. Kop'ev, and Zh. I. Alferov	
Magnetoplasma excitations in electron rings	R10 512
E. Zaremba	
Weakly correlated exciton pair states in large quantum dots	R10 516
Selvakumar V. Nair and T. Takagahara	
Dimensional crossover and confinement-induced optical anisotropy in GaAs T-shaped quantum wires	R10 520
Hidefumi Akiyama, Takao Someya, and Hiroyuki Sakaki	
Zero-Hall-resistance state in a semimetallic InAs/GaSb superlattice	R10 524
M. S. Daly, K. S. H. Dalton, M. Lakrimi, N. J. Mason, R. J. Nicholas, M. van der Burgt, P. J. Walker, D. K. Maude, and J. C. Portal	
Electron scattering by steps in a vicinal heterointerface	R10 528
Y. Tokura, T. Saku, and Y. Horikoshi	

Surface physics, low-dimensional systems, and related topics

Analysis of the x-ray diffuse scattering in C_{60} from microscopic models	R10 532
Sylvain Ravy, Pascale Launois, and Roger Moret	
Theory of a scanning tunneling microscope with a two-protrusion tip	R10 536
Michael E. Flatté and Jeff M. Byers	
Cluster diffusion by evaporation-condensation	R10 540
José M. Soler	
Spin-polarized photoelectrons excited by circularly polarized radiation from a nonmagnetic solid	R10 544
K. Starke, A. P. Kaduwela, Y. Liu, P. D. Johnson, M. A. Van Hove, C. S. Fadley, V. Chakarian, E. E. Chaban, G. Meigs, and C. T. Chen	
Suppression of the magnetocrystalline bulk anisotropy in thin epitaxial $\text{Co}(110)$ films on $\text{Cu}(110)$	R10 548
B. Hillebrands, J. Fassbender, R. Jungblut, G. Güntherodt, D. J. Roberts, and G. A. Gehring	

ARTICLES

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

Optical and transport studies of $\text{Ni}(\text{dmit})_2$ -based organic conductors	10 557
H. L. Liu, D. B. Tanner, A. E. Pullen, K. A. Abboud, and J. R. Reynolds	
Improved treatment of retarded self-energy calculations in perturbation theory	10 569
S. Wernbter	
Influence of quasiparticle damping on magnetic stability	10 579
T. Herrmann and W. Nolting	
Further orbital-free kinetic-energy functionals for <i>ab initio</i> molecular dynamics	10 589
Michael Foley and Paul A. Madden	
Electronic structure of $\text{Li}_{12}\text{Si}_7$	10 599
H. van Leuken, G. A. de Wijs, W. van der Lugt, and R. A. de Groot	
Electronic structure and bonding in skutterudite-type phosphides	10 605
Miquel Lluell, Pere Alemany, Santiago Alvarez, Vladlen P. Zhukov, and Andreas Vernes	
Electronic origins of ordering in multicomponent metallic alloys: Application to the Cu-Ni-Zn system	10 610
J. D. Althoff, D. D. Johnson, F. J. Pinski, and J. B. Staunton	
Electronic structure of Pt in polyynes	10 626
Michael Springborg and R. C. Albers	

(Continued)