PHYSICAL REVIEW B THIRD SERIES, VOLUME 60, NUMBER 7 15 AUGUST 1999-I

Auger effect as the origin of the fast-luminescent band of freshly anodized porous silicon 4450
R. M'ghaïeth, H. Maâref, I. Mihalcescu, and J. C. Vial

Semiconductors II: surfaces, interfaces, microstructures, and related topics

Interaction-induced effects in the nonlinear coherent response of quantum-well excitons 4454
H. P. Wagner, A. Schätz, W. Langbein, J. M. Hvam, and Arthur L. Smirl
Energetics and bias-dependent scanning tunneling microscopy images of Si ad-dimers on Ge(001) 4458
S. V. Khare, R. V. Kulkarni, D. Stroud, and J. W. Wilkins
Defect metastability in surfaces: A study of $EL2$ defect in GaAs(110) 4462
S. B. Zhang
Dependence of diffusion and multifractality at the quantum Hall transition on the effective dimension of the sample 4466
Brahim Elattari
Photocurrent spectroscopy of low-electric-field anticrossings in semiconductor superlattices 4470
H. Kümmel, R. Till, and A. Philipp
Trion and exciton dephasing measurements in modulation-doped quantum wells: A probe for trion and carrier localization 4474
D. Brinkmann, J. Kudrna, P. Gilliot, B. Hönerlage, A. Arnoult, J. Cibert, and S. Tatarenko
Tunneling spectroscopy of the Si(111)2×1 surface 4478
R. M. Feenstra
Size dependence of confined acoustic phonons in CuCl nanocrystals 4481
Jialong Zhao and Yasuaki Masumoto
Exchange and correlation effects on the ground states of quantum wires 4485
D. Schmerek and W. Hansen
Current self-oscillations, spikes, and crossover between charge monopole and dipole waves in semiconductor superlattices 4489
David Sánchez, Miguel Moscoso, Luis L. Bonilla, Gloria Platero, and Ramón Aguado
Universality in an integer quantum Hall transition 4493
P. T. Coleridge
Coherent effects in resonant quantum-well emission 4497
N. Garro, M. J. Snelling, S. P. Kennedy, R. T. Phillips, and K. H. Ploog
Optical control of the two-dimensional electron-gas density in single asymmetric quantum wells: Magnetic-field effect 4501
A. J. C. Cardoso, Fanyao Qu, and P. C. Morais
Binding energy and dephasing of biexcitons in $In_{0.18}Ga_{0.82}As/GaAs$ single quantum wells 4505
P. Borri, W. Langbein, J. M. Hvam, and F. Martelli

Surface physics, low-dimensional systems, and related topics

Photoelectron spectroscopy of sodium-coated C_{60} and C_{70} cluster anions 4509
B. Palpant, A. Otake, F. Hayakawa, Y. Negishi, G. H. Lee, A. Nakajima, and K. Kaya
Defect-induced room-temperature modulation in $NbSe_2$ 4513
N. Ramšak, H. J. P. van Midden, A. Prodan, V. Marinković, F. W. Boswell, and J. C. Bennett
Unusual molecular orientation and frozen librational motion of C_{60} on Cu(110) 4517
R. Fasel, R. G. Agostino, P. Aebi, and L. Schlapbach
Geometry and bonding in small $(C_{60})_nNi_m$ clusters 4521
Antonis N. Andriotis and Madhu Menon
Low-temperature behavior of the annealed molybdenum blue bronzes $K_{0.3}MoO_3$ and $Rb_{0.3}MoO_3$ 4525
B. Zawilski, J. Richard, J. Marcus, and J. Dumas
Realistic model of correlated disorder and Anderson localization 4529
V. V. Flambaum and V. V. Sokolov

(Continued)