

PHYSICAL REVIEW B

For editorial and subscription correspondence,
please see inside front cover
(ISSN: 0163-1829)

PERIODICALS

Postmaster send address changes to:
American Institute of Physics
Suite 1NO1
2 Huntington Quadrangle
Melville, NY 11747-4502

THIRD SERIES, VOLUME 61, NUMBER 16

CONTENTS

15 APRIL 2000-II

RAPID COMMUNICATIONS

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

- Role of spin-orbit coupling in the metal-insulator transition in two-dimensional systems R10 539
Guang-Hong Chen, M. E. Raikh, and Yong-Shi Wu

Semiconductors I: bulk

- Hole effective masses in $4H$ SiC R10 544
N. T. Son, P. N. Hai, W. M. Chen, C. Hallin, B. Monemar, and E. Janzén

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

- Acoustic-phonon Raman scattering in InAs/InP self-assembled quantum dots R10 547
J. R. Huntzinger, J. Groenen, M. Cazayous, A. Mlayah, N. Bertru, C. Paranthoen, O. Dehaese, H. Carrère,
E. Bedel, and G. Armelles
- Island size scaling for submonolayer growth of InAs on GaAs(001)-(2×4): Strain and surface reconstruction
effects R10 551
G. R. Bell, T. J. Krzyzewski, P. B. Joyce, and T. S. Jones
- Instantaneous Rayleigh scattering from excitons localized in monolayer islands R10 555
W. Langbein, K. Leosson, J. R. Jensen, J. M. Hvam, and R. Zimmermann
- Features of level broadening in a ring-stub system R10 559
P. Singha Deo and M. V. Moskalets
- Midbandgap electro-optic detection of Bloch oscillations R10 563
M. Först, G. Segschneider, T. Dekorsy, H. Kurz, and K. Köhler
- Spin symmetry breaking in bilayer quantum Hall systems R10 567
Eugene Demler, Eugene H. Kim, and S. Das Sarma
- Large selective magneto-optic response from magnetic semiconducting layered structures R10 571
Yu. A. Uspenskii and B. N. Harmon
- Excitonic lasing in semiconductor quantum wires R10 575
L. Sirigu, D. Y. Oberli, L. Degiorgi, A. Rudra, and E. Kapon
- Phonon-assisted biexciton generation in a single quantum dot R10 579
F. Findeis, A. Zrenner, G. Böhm, and G. Abstreiter
- Ultrafast near-field spectroscopy of quasi-one-dimensional transport in a single quantum wire R10 583
Valentina Emiliani, Tobias Guenther, Christoph Lienau, Richard Nötzel, and Klaus H. Ploog

Surface physics, low-dimensional systems, and related topics

- Decay channels and appearance sizes of doubly anionic gold and silver clusters R10 587
Constantine Yannouleas and Uzi Landman

