

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
500 Sunnyside Boulevard
Woodbury, NY 11797-2999

THIRD SERIES, VOLUME 59, NUMBER 16

CONTENTS

15 APRIL 1999-II

RAPID COMMUNICATIONS

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

- Phonon thermal conductivity and stripe correlations in $\text{La}_{2-x}\text{Sr}_x\text{NiO}_4$ and $\text{Sr}_{1.5}\text{La}_{0.5}\text{MnO}_4$ R10 397
C. Hess, B. Büchner, M. Hücker, R. Gross, and S-W. Cheong
- Absolute three-dimensional photonic band gap in the infrared regime in woven structures R10 401
Ya-Chih Tsai, John B. Pendry, and Kenneth W.-K. Shung
- Fermiology of a one-dimensional heavy-electron metal R10 405
C. Gröber and R. Eder
- Correlation effects in the low-energy region of nickel photoemission spectra R10 409
F. Manghi, V. Bellini, J. Osterwalder, T. J. Kreutz, P. Aebi, and C. Arcangeli

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

- High-resolution core-level study of initial oxygen adsorption on Si(001): Surface stoichiometry and anomalous Si $2p$ core-level shifts R10 413
H. W. Yeom, H. Hamamatsu, T. Ohta, and R. I. G. Uhrberg
- Pulsed-magnetic-field measurements of Hall potential oscillations in α -(BEDT-TTF) $_2$ TlHg(SCN) $_4$ within the quantum Hall regime R10 417
M. M. Honold, N. Harrison, J. Singleton, M.-S. Nam, S. J. Blundell, C. H. Mielke, M. V. Kartsovnik, and N. D. Kushch
- Spin coherence in semiconductor quantum dots R10 421
J. A. Gupta, D. D. Awschalom, X. Peng, and A. P. Alivisatos
- Comparative study of the negatively and positively charged excitons in GaAs quantum wells R10 425
Shmuel Glasberg, Gleb Finkelstein, Hadas Shtrikman, and Israel Bar-Joseph
- Stationary coherence in semiconductor microcavities R10 429
G. Cassaboïs, A. L. C. Triques, D. Larousserie, C. Delalande, Ph. Roussignol, P. Senellart-Mardon, J. Bloch, V. Thierry-Mieg, and R. Planel
- Conductance quantization in V-groove quantum wires R10 433
D. Kaufman, Y. Berk, B. Dwir, A. Rudra, A. Palevski, and E. Kapon
- g -factor dependence of the evolution of magneto-optical spectra with the density of quasi-two-dimensional electrons in $\text{Cd}_{1-x}\text{Mn}_x\text{Te}/\text{Cd}_{1-y}\text{Mg}_y\text{Te}$ heterostructures R10 437
T. Wojtowicz, M. Kutrowski, G. Karczewski, J. Kossut, F. J. Teran, and M. Potemski
- Statistics of the Coulomb-blockade peak spacings of a silicon quantum dot R10 441
F. Simmel, David Abusch-Magder, D. A. Wharam, M. A. Kastner, and J. P. Kotthaus

