

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 11

CONTENTS

15 MARCH 2000-I

BRIEF REPORTS

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

- Ballistic-electron-emission microscopy of conduction-electron surface states 7161
M. K. Weilmeyer, W. H. Rippard, and R. A. Buhrman
- Direct visualization of photonic band structure for three-dimensional photonic crystals 7165
M. Notomi, T. Tamamura, Y. Ohtera, O. Hanaizumi, and S. Kawakami
- Accuracy of bosonization for localized interactions 7169
Daniel C. Mattis
- Efficient algorithm for calculating noninteracting frequency-dependent linear response functions 7172
T. Miyake and F. Aryasetiawan
- Magnetic circular dichroism in the $2p4d$ x-ray emission of EuO 7176
C. Wittkop, W. Schülke, and F. M. F. de Groot
- Resonant inelastic x-ray scattering in one-dimensional copper oxides 7180
K. Tsutsui, T. Tohyama, and S. Maekawa
- Multiatom resonant photoemission observed via secondary processes: Auger decay and x-ray fluorescence 7183
E. Arenholz, A. W. Kay, C. S. Fadley, M. M. Grush, T. A. Callcott, D. L. Ederer, C. Heske, and Z. Hussain

Semiconductors I: bulk

- Tight-binding total-energy method applied to polyacetylene 7187
Diana E. Tutarot, Belita Koiller, and R. B. Capaz
- n -type semiconducting diamond by means of oxygen-ion implantation 7191
Johan F. Prins
- Electric-field-assisted migration and accumulation of hydrogen in silicon carbide 7195
M. S. Janson, A. Hallén, M. K. Linnarsson, B. G. Svensson, N. Nordell, and S. Karlsson
- Metastability of the phosphorus antisite defect in low-temperature InP 7199
J. Mikucki, M. Baj, D. Wasik, W. Walukiewicz, W. G. Bi, and C. W. Tu
- Dynamics of anomalous optical transitions in $\text{Al}_x\text{Ga}_{1-x}\text{N}$ alloys 7203
Yong-Hoon Cho, G. H. Gainer, J. B. Lam, J. J. Song, W. Yang, and W. Jhe

