

PHYSICAL REVIEW B

For editorial and subscription correspondence,
please see inside front cover
(ISSN: 1098-0121)

PERIODICALS
Postmaster send address changes to:
APS Subscription Services
Suite 1N01
2 Huntington Quadrangle
Melville, NY 11747-4502

THIRD SERIES, VOLUME 78, NUMBER 15

CONTENTS

OCTOBER 2008-15(I)

EDITORIALS AND ANNOUNCEMENTS

- Editorial: APS now leaves copyright with authors for derivative works (*1 page*) 150001
Gene D. Sprouse

BRIEF REPORTS

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

- Limits of slow light in photonic crystals (*4 pages*) 153101
Jesper Goor Pedersen, Sanshui Xiao, and Niels Asger Mortensen
- Resonant Rayleigh scattering from an anisotropic organic single-crystal microcavity (*4 pages*) 153102
S. Kéna-Cohen, M. Davanço, and S. R. Forrest
- Breakdown of the Luttinger sum rule within the Mott-Hubbard insulator (*4 pages*) 153103
J. Kokalj and P. Prelovšek
- Iron-induced hydride formation in ZrPd₂: First-principles calculations (*4 pages*) 153104
Michèle Gupta, Raju P. Gupta, and D. J. Singh
- Negative differential resistance in molecular junctions: Effect of the electronic structure of the electrodes (*4 pages*) 153105
Natalya A. Zimbovskaya and Mark R. Pederson
- Numerical study of t_{2g} orbital system with ferromagnetic polarization (*4 pages*) 153106
Takayoshi Tanaka and Sumio Ishihara
- Experimental observation of minigap stripes in periodically corrugated broad photonic wires (*4 pages*) 153107
O. Khayam, H. Benisty, and C. Cambournac
- Unusual temperature dependence in the low-temperature specific heat of U₃Ni₅Al₁₉ (*3 pages*) 153108
J. S. Kim, G. R. Stewart, E. D. Bauer, and F. Ronning
- Direct measurement of charge transfer in thermoelectric Ca₃Co₄O₉ (*4 pages*) 153109
G. Yang, Q. Ramasse, and R. F. Klie
- Role of dynamical non-double-occupancy excitations on the quasiparticle damping of the t - J model in the large- N limit (*4 pages*) 153110
A. Foussats, A. Greco, and M. Bejas



Copyright 2008 by The American Physical Society



1098-0121(20081015)78:15;1-E

(Continued)

The editors and referees of PRB find these papers to be of particular interest, importance, or clarity. Please see our Announcement Phys. Rev. B 77, 130001 (2008).