

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 72, NUMBER 24

CONTENTS

DECEMBER 2005-15(II)

RAPID COMMUNICATIONS

Semiconductors I: bulk

- Biexcitons in the semiconductor Cu_2O : An explanation of the rapid decay of excitons (4 pages) 241201(R)
J. I. Jang and J. P. Wolfe

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

- Ab initio* structural energetics of $\beta\text{-Si}_3\text{N}_4$ surfaces (4 pages) 241301(R)
Juan C. Idrobo, Hakim Iddir, Serdar Ögüt, Alexander Ziegler, Nigel D. Browning, and R. O. Ritchie
- Equilibrium spin currents and the magnetoelectric effect in magnetic nanostructures (4 pages) 241302(R)
Patrick Bruno and Vitalii K. Dugaev
- Spin accumulation in the extrinsic spin Hall effect (4 pages) 241303(R)
Wang-Kong Tse, J. Fabian, I. Žutić, and S. Das Sarma
- Shape transitions of metastable surface nanostructures (4 pages) 241304(R)
D. J. Vine, D. E. Jesson, M. J. Morgan, V. A. Shchukin, and D. Bimberg
- Internal electric field in wurtzite $\text{ZnO}/\text{Zn}_{0.78}\text{Mg}_{0.22}\text{O}$ quantum wells (4 pages) 241305(R)
C. Morhain, T. Bretagnon, P. Lefebvre, X. Tang, P. Valvin, T. Guillet, B. Gil, T. Taliercio,
M. Teisseire-Doninelli, B. Vinter, and C. Deparis
- Fast diffusion mechanism of silicon tri-interstitial defects (4 pages) 241306(R)
Yaojun A. Du, Stephen A. Barr, Kaden R. A. Hazzard, Thomas J. Lenosky, Richard G. Hennig, and
John W. Wilkins
- Unreconstructed As atoms mixed with (3×2) cells and (6×6) supercells in low As pressure epitaxy on
 $\text{GaAs}(001)$ (4 pages) 241307(R)
David Martrou, Antonella Cavanna, Franck Natali, Ulf Gennser, and Bernard Etienne
- Electronic states of the clean $\text{Ge}(001)$ surface near Fermi energy (4 pages) 241308(R)
Kan Nakatsuji, Yasumasa Takagi, Fumio Komori, Hideaki Kusunohara, and Akira Ishii
- Hole spin anisotropy in single Mn-doped quantum dots (4 pages) 241309(R)
Y. Léger, L. Besombes, L. Maingault, D. Ferrand, and H. Mariette
- Interaction correction to the longitudinal conductivity and Hall resistivity in high-quality two-dimensional
 GaAs electron and hole systems (4 pages) 241310(R)
C. E. Yasin, T. L. Sobey, A. P. Micolich, W. R. Clarke, A. R. Hamilton, M. Y. Simmons, L. N. Pfeiffer,
K. W. West, E. H. Linfield, M. Pepper, and D. A. Ritchie



Copyright 2005 by The American Physical Society

(Continued)



1098-0121(20051215)72:24;1-V

Local transport in a disorder-stabilized correlated insulating phase (<i>4 pages</i>)	241311(R)
M. Baenninger, A. Ghosh, M. Pepper, H. E. Beere, I. Farrer, P. Atkinson, and D. A. Ritchie	
Surface physics, nanoscale physics, low-dimensional systems	
Forces and conductances in a single-molecule bipyridine junction (<i>4 pages</i>)	241401(R)
R. Stadler, K. S. Thygesen, and K. W. Jacobsen	
Exciton binding energies in carbon nanotubes from two-photon photoluminescence (<i>4 pages</i>)	241402(R)
J. Maultzsch, R. Pomraenke, S. Reich, E. Chang, D. Prezzi, A. Ruini, E. Molinari, M. S. Strano, C. Thomsen, and C. Lienau	
Surface plasmon resonance of capped Au nanoparticles (<i>4 pages</i>)	241403(R)
M. A. Garcia, J. de la Venta, P. Crespo, J. Llopis, S. Penadés, A. Fernández, and A. Hernando	
Self-organization of one-dimensional Au nanowires on a surface carbide and lateral electron quantization (<i>3 pages</i>)	241404(R)
A. Varykhalov, O. Rader, and W. Gudat	
Infrared and Raman selection rules for elastic vibrations of spherical nanoparticles (<i>3 pages</i>)	241405(R)
Makoto Kanehisa	

ARTICLES

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

Electronic structure investigation of Ti_3AlC_2 , Ti_3SiC_2 , and Ti_3GeC_2 by soft x-ray emission spectroscopy (<i>9 pages</i>)	245101
M. Magnuson, J.-P. Palmquist, M. Mattesini, S. Li, R. Ahuja, O. Eriksson, J. Emmerlich, O. Wilhelmsson, P. Eklund, H. Högborg, L. Hultman, and U. Jansson	
Electronic structure and spectroscopic properties of thulium monochalcogenides (<i>7 pages</i>)	245102
S. Lebègue, G. Santi, A. Svane, O. Bengone, M. I. Katsnelson, A. I. Lichtenstein, and O. Eriksson	
Existence of a two-channel Kondo regime for tunneling impurities with resonant scattering (<i>10 pages</i>)	245103
G. Zaránd	
Nonohmicity and energy relaxation in diffusive two-dimensional metals (<i>6 pages</i>)	245104
Roy Ceder, Oded Agam, and Zvi Ovadyahu	
Electronic band structure and Fermi surface of $\text{Ag}_5\text{Pb}_2\text{O}_6$ (<i>5 pages</i>)	245105
Tamio Oguchi	
Deconfinement in the presence of a Fermi surface (<i>8 pages</i>)	245106
Ki-Seok Kim	
Electromagnetic wave propagation in anisotropic metamaterials created by a set of periodic inductor-capacitor circuit networks (<i>9 pages</i>)	245107
Yijun Feng, Xiaohua Teng, Yan Chen, and Tian Jiang	
Site correlation effects in the dynamics of iron impurities $\text{Fe}^{2+}/\text{Fe}^{3+}$ and antisite defects $\text{Nb}_{\text{Li}}^{4+}/\text{Nb}_{\text{Li}}^{5+}$ after a short-pulse excitation in LiNbO_3 (<i>7 pages</i>)	245108
J. Carnicero, M. Carrascosa, G. García, and F. Agulló-López	
Testing the validity of terahertz reflection spectra by dispersion relations (<i>5 pages</i>)	245109
K.-E. Peiponen, E. Gornov, Y. Svirko, Y. Ino, M. Kuwata-Gonokami, and V. Lucarini	

Conformal properties of one-dimensional quantum systems with long-range interactions (<i>4 pages</i>)	245110
Carlos M. Naón, Mariano J. Salvay, and Marta L. Trobo	
Transport anomalies in a simplified model for a heavy-electron quantum critical point (<i>6 pages</i>)	245111
P. Coleman, J. B. Marston, and A. J. Schofield	
Implications of the low-temperature instability of dynamical mean-field theory for double-exchange systems (<i>5 pages</i>)	245112
Chungwei Lin and Andrew J. Millis	
Electromagnetic wave refraction at an interface of a double wire medium (<i>9 pages</i>)	245113
Igor S. Nefedov, Ari J. Viitanen, and Sergei A. Tretyakov	
Quasiparticle bands and optical spectra of highly ionic crystals: AlN and NaCl (<i>12 pages</i>)	245114
F. Bechstedt, K. Seino, P. H. Hahn, and W. G. Schmidt	
Effect of Hund's exchange on the spectral function of a triply orbital degenerate correlated metal (<i>7 pages</i>)	245115
P. Lombardo, A.-M. Daré, and R. Hayn	
Quantum antiferromagnetism and high T_c superconductivity: A close connection between the t - J model and the projected BCS Hamiltonian (<i>16 pages</i>)	245116
K. Park	
Electronic properties of EuB ₆ in the ferromagnetic regime: Half-metal versus semiconductor (<i>6 pages</i>)	245117
M. Kreissl and W. Nolting	
Semiconductors I: bulk	
Nonlinear elasticity in III-N compounds: <i>Ab initio</i> calculations (<i>12 pages</i>)	245201
S. P. Łepkowski, J. A. Majewski, and G. Jurczak	
Spin-dependent electron many-body effects in GaAs (<i>7 pages</i>)	245202
P. Nemec, Y. Kerachian, H. M. van Driel, and Arthur L. Smirl	
Gd-doped GaN: A very dilute ferromagnetic semiconductor with a Curie temperature above 300 K (<i>9 pages</i>)	245203
S. Dhar, L. Pérez, O. Brandt, A. Trampert, K. H. Ploog, J. Keller, and B. Beschoten	
Charge-carrier relaxation dynamics in highly ordered poly(<i>p</i> -phenylene vinylene): Effects of carrier bimolecular recombination and trapping (<i>8 pages</i>)	245204
Cesare Soci, Daniel Moses, Qing-Hua Xu, and Alan J. Heeger	
Liquidlike atomic environments act as plasticity carriers in amorphous silicon (<i>16 pages</i>)	245205
Michael J. Demkowicz and Ali S. Argon	
Autocatalytic avalanches of unit inelastic shearing events are the mechanism of plastic deformation in amorphous silicon (<i>17 pages</i>)	245206
Michael J. Demkowicz and Ali S. Argon	
Magnetopolaron interactions in <i>n</i> -type indium phosphide (<i>5 pages</i>)	245207
R. A. Lewis, P. E. Simmonds, and Y.-J. Wang	
Investigation of molecular dimers in α -PTCDA by <i>ab initio</i> methods: Binding energies, gas-to-crystal shift, and self-trapped excitons (<i>18 pages</i>)	245208
Reinhard Scholz, Andrei Yu. Kobitski, Dietrich R. T. Zahn, and Michael Schreiber	

Formation of hydrogen-boron complexes in boron-doped silicon treated with a high concentration of hydrogen atoms (8 pages)	245209
N. Fukata, S. Fukuda, S. Sato, K. Ishioka, M. Kitajima, T. Hishita, and K. Murakami	
<i>Ab initio</i> molecular dynamics simulation of self-interstitial diffusion in silicon (6 pages)	245210
Beat Sahli and Wolfgang Fichtner	
Semiconductors II: surfaces, interfaces, microstructures, and related topics	
Path-integral Monte Carlo simulations for interacting few-electron quantum dots with spin-orbit coupling (7 pages)	245301
Stephan Weiss and R. Egger	
Theory of carrier dynamics and time resolved reflectivity in $\text{In}_x\text{Mn}_{1-x}\text{As}/\text{GaSb}$ heterostructures (13 pages) . . .	245302
G. D. Sanders, C. J. Stanton, J. Wang, J. Kono, A. Oiwa, and H. Munekata	
Roughness-induced mechanisms for electron scattering in wurtzite group-III-nitride heterostructures (13 pages)	245303
Doan Nhat Quang, Vu Ngoc Tuoc, Nguyen Huyen Tung, Nguyen Viet Minh, and Pham Nam Phong	
$\text{ZnSe}/\text{GaAs}(001)$ heterostructures with defected interfaces: Structural, thermodynamic, and electronic properties (10 pages)	245304
A. Stroppa and M. Peressi	
Definition of the spin current: The angular spin current and its physical consequences (7 pages)	245305
Qing-feng Sun and X. C. Xie	
Linear chains of styrene and methylstyrene molecules and their heterojunctions on silicon: Theory and experiment (17 pages)	245306
George Kirczenow, Paul G. Piva, and Robert A. Wolkow	
Effect of dc and ac excitations on the longitudinal resistance of a two-dimensional electron gas in highly doped GaAs quantum wells (5 pages)	245307
A. A. Bykov, Jing-qiao Zhang, Sergey Vitkalov, A. K. Kalagin, and A. K. Bakarov	
Green's function matching method for one- and zero-dimensional heterostructures (11 pages)	245308
D. Bergeron, N. Shtinkov, R. A. Masut, and P. Desjardins	
Unavoidable decoherence in semiconductor quantum dots (13 pages)	245309
L. Jacak, J. Krasnyj, W. Jacak, R. Gonczarek, and P. Machnikowski	
Tailoring the electronic properties of silicon with cysteine: A first-principles study (6 pages)	245310
Clotilde S. Cucinotta, Alice Ruini, Alessandra Catellani, and Marilia J. Caldas	
Anisotropic exchange interaction induced by a single photon in semiconductor microcavities (5 pages)	245311
G. Chiappe, J. Fernández-Rossier, E. Louis, and E. V. Anda	
Composite-fermion antiparticle description of the hole excitation in a maximum-density droplet with a small number of electrons (10 pages)	245312
Gun Sang Jeon, A. D. Güçlü, C. J. Umrigar, and J. K. Jain	
Flux-dependent Kondo temperature in an Aharonov-Bohm interferometer with an in-line quantum dot (12 pages)	245313
Pascal Simon, O. Entin-Wohlman, and A. Aharony	
Generating spin-entangled electron pairs in normal conductors using voltage pulses (8 pages)	245314
A. V. Lebedev, G. B. Lesovik, and G. Blatter	

Spin-related effects in transport properties of open quantum dots (27 pages)	245315
Y. Ahmadian, G. Catelani, and I. L. Aleiner	
Band diagrams of Si and Ge quantum wells via the 30-band $\mathbf{k} \cdot \mathbf{p}$ method (7 pages)	245316
Soline Richard, Frédéric Aniel, and Guy Fishman	
Confinement-induced depletion of the enhanced g -factor in quantum wires (5 pages)	245317
Alexander Struck, Siawoosh Mohammadi, Stefan Kettmann, and Bernhard Kramer	
Excitons, biexcitons, and trions in self-assembled (In,Ga)As/GaAs quantum dots: Recombination energies, polarization, and radiative lifetimes versus dot height (10 pages)	245318
Gustavo A. Narvaez, Gabriel Bester, and Alex Zunger	
Valence-band structure of InN from x-ray photoemission spectroscopy (5 pages)	245319
L. F. J. Piper, T. D. Veal, P. H. Jefferson, C. F. McConville, F. Fuchs, J. Furthmüller, F. Bechstedt, Hai Lu, and W. J. Schaff	
Metallization of the 3C-SiC(001)-(3 $\times$ 2) surface induced by hydrogen adsorption: A first-principles investigation (12 pages)	245320
Xiangyang Peng, Peter Krüger, and Johannes Pollmann	
Molecular dynamics simulation of icosahedral Si quantum dot formation from liquid droplets (4 pages)	245321
Kengo Nishio, Tetsuya Morishita, Wataru Shinoda, and Masuhiro Mikami	
Continuous quantum feedback of coherent oscillations in a solid-state qubit (11 pages)	245322
Qin Zhang, Rusko Ruskov, and Alexander N. Korotkov	
Edge spin current and spin polarization in quantum Hall regime (5 pages)	245323
Yun-Juan Bao, Huai-Bing Zhuang, Shun-Qing Shen, and Fu-Chun Zhang	
Structure determination of indium-induced Si(111)-In-4 $\times$ 1 surface by LEED Patterson inversion (5 pages)	245324
J. Wang, Huasheng Wu, Ricky So, Y. Liu, M. H. Xie, and S. Y. Tong	
Quantum Hall ferromagnet at high filling factors: A magnetic-field-induced Stoner transition (11 pages)	245325
B. A. Piot, D. K. Maude, M. Henini, Z. R. Wasilewski, K. J. Friedland, R. Hey, K. H. Ploog, A. I. Toropov, R. Airey, and G. Hill	
Composition dependence of the infrared dielectric functions in Si-doped hexagonal Al _x Ga _{1-x} N films on c -plane sapphire substrates (10 pages)	245326
Z. G. Hu, M. Strassburg, N. Dietz, A. G. U. Perera, A. Asghar, and I. T. Ferguson	
Spin-photovoltaic effect in quantum wires due to intersubband transitions (8 pages)	245327
Arkady Fedorov, Yuriy V. Pershin, and Carlo Piermarocchi	
Non-Markovian dynamics and phonon decoherence of a double quantum dot charge qubit (5 pages)	245328
Xian-Ting Liang	
Wurtzite structure effects on spin splitting in GaN/AlN quantum wells (5 pages)	245329
Ikai Lo, W. T. Wang, M. H. Gau, S. F. Tsay, and J. C. Chiang	
Edge-spin accumulation in semiconductor two-dimensional hole gases (5 pages)	245330
K. Nomura, J. Wunderlich, Jairo Sinova, B. Kaestner, A. H. MacDonald, and T. Jungwirth	
Laser-controlled local magnetic field with semiconductor quantum rings (5 pages)	245331
Yuriy V. Pershin and Carlo Piermarocchi	

Evolution of a multimodal distribution of self-organized InAs/GaAs quantum dots (7 pages)	245332
U. W. Pohl, K. Pötschke, A. Schliwa, F. Guffarth, D. Bimberg, N. D. Zakharov, P. Werner, M. B. Lifshits, V. A. Shchukin, and D. E. Jesson	
Superradiance of nearly condensed excitons in InAs-GaSb coupled quantum wells (6 pages)	245333
B. Laikhtman and L. D. Shvartsman	
Universal quantum signature of mixed dynamics in antidot lattices (7 pages)	245334
J. P. Keating, S. D. Prado, and M. Sieber	
First-principles studies of GaN(0001) heteroepitaxy on ZrB ₂ (0001) (7 pages)	245335
P.-L. Liu, A. V. G. Chizmeshya, J. Kouvetakis, and I. S. T. Tsong	
Coupled polarization and acoustic-phonon dynamics after optical excitation of quantum dots near surfaces (11 pages)	245336
B. Krummheuer, V. M. Axt, and T. Kuhn	
Bosonization approach to the edge reconstruction of two-dimensional electron systems in a quantum dot (6 pages)	245337
Itaru Yanagi and Susumu Kurihara	
Collective excitation of quantum wires and effect of spin-orbit coupling in the presence of a magnetic field along the wire (6 pages)	245338
Hyun C. Lee and S.-R. Eric Yang	
Mono-parametric quantum charge pumping: Interplay between spatial interference and photon-assisted tunneling (7 pages)	245339
Luis E. F. Foa Torres	
Surface physics, nanoscale physics, low-dimensional systems	
Lognormal mass distributions of nanodiamonds from proportionate vapor growth (6 pages)	245401
Jochen Maul, Edit Marosits, Christa Sudek, Thomas Berg, and Ulrich Ott	
Coherent anti-Stokes Raman scattering on single-walled carbon nanotube thin films excited through surface plasmons (11 pages)	245402
I. Baltog, M. Baibarac, and S. Lefrant	
Electronic intertube transfer in double-wall carbon nanotubes (10 pages)	245403
Seiji Uryu and Tsuneya Ando	
pH-dependent liquid order at the solid-solution interface of KH ₂ PO ₄ crystals (5 pages)	245404
D. Kaminski, N. Radenovic, M. A. Deij, W. J. P. van Enkevort, and E. Vlieg	
Ballistic resistivity in aluminum nanocontacts (5 pages)	245405
A. Hasmy, A. J. Pérez-Jiménez, J. J. Palacios, P. García-Mochales, J. L. Costa-Krämer, M. Díaz, E. Medina, and P. A. Serena	
Exponential decay of local conductance in single-wall carbon nanotubes (4 pages)	245406
M. Stadermann, S. J. Papadakis, M. R. Falvo, Q. Fu, J. Liu, Y. Fridman, J. J. Boland, R. Superfine, and S. Washburn	
Role of van der Waals interactions in adsorption of Xe on Cu(111) and Pt(111) (5 pages)	245407
P. Lazić, Ž. Crljen, R. Brako, and B. Gumhalter	
Adsorbate-induced surface stress and self-assembly of (2 × 1)O on Cu(110) measured with an STM (9 pages)	245408
Ch. Bombis, M. Moiseeva, and H. Ibach	

Theoretical study of the stability of defects in single-walled carbon nanotubes as a function of their distance from the nanotube end (7 pages)	245409
Feng Ding	
Wetting behavior of liquid ^4He on rough Cs films: Pinning, memory effect, and micropuddles (10 pages)	245410
J. Klier, P. Leiderer, D. Reinelt, and A. F. G. Wyatt	
Influence of the C_{60} filling on the nature of the metallic ground state in intercalated peapods (8 pages)	245411
H. Rauf, H. Shiozawa, T. Pichler, M. Knupfer, B. Büchner, and H. Kataura	
High-frequency oscillations in low-dimensional conductors and semiconductor superlattices induced by current in stack direction (8 pages)	245412
S. N. Artemenko and S. V. Remizov	
Collective diffusion in an interacting one-dimensional lattice gas: Arbitrary interactions, activation energy, and nonequilibrium diffusion (11 pages)	245413
Łukasz Badowski, Magdalena A. Załuska-Kotur, and Zbigniew W. Gortel	
Breakdown of metastable step-flow growth on vicinal surfaces induced by nucleation (9 pages)	245414
Daniele Vilone, Claudio Castellano, and Paolo Politi	
Electron-vibration interaction in transport through atomic gold wires (18 pages)	245415
J. K. Viljas, J. C. Cuevas, F. Pauly, and M. Häfner	
Isotropic Knight shift of metallic carbon nanotubes (5 pages)	245416
Oleg V. Yazyev and Lothar Helm	
Band-gap modification of defective carbon nanotubes under a transverse electric field (6 pages)	245417
Li-Gan Tien, Chuen-Horng Tsai, Feng-Yin Li, and Ming-Hsien Lee	
Fluctuations and jump dynamics in atomic friction experiments (9 pages)	245418
S. Maier, Yi Sang, T. Filleter, M. Grant, R. Bennewitz, E. Gnecco, and E. Meyer	
Electronic structure of boron nitride cone-shaped nanostructures (5 pages)	245419
Chunyi Zhi, Yoshio Bando, Chengchun Tang, and Dmitri Golberg	
Reinforcement of macroscopic carbon nanotube structures by polymer intercalation: The role of polymer molecular weight and chain conformation (8 pages)	245420
C. J. Frizzell, M. in het Panhuis, D. H. Coutinho, K. J. Balkus, Jr., A. I. Minett, W. J. Blau, and J. N. Coleman	
Self-assembling of nanocavities in TiO_2 dispersed with Au nanoclusters (5 pages)	245421
C. M. Wang, Y. Zhang, V. Shutthanandan, D. R. Baer, W. J. Weber, L. E. Thomas, S. Thevuthasan, and G. Duscher	
Mechanisms of O_2 sputtering from water ice by keV ions (9 pages)	245422
B. D. Teolis, R. A. Vidal, J. Shi, and R. A. Baragiola	
Electronic and crystalline structure, morphology, and magnetism of nanometric Fe_2O_3 layers deposited on Pt(111) by atomic-oxygen-assisted molecular beam epitaxy (7 pages)	245423
A. Barbier, R. Belkhou, P. Ohresser, M. Gautier-Soyer, O. Bezencenet, M. Mulazzi, M.-J. Guittet, and J.-B. Moussy	
Thermal decay of superheated 7×7 islands and supercooled " 1×1 " vacancy islands on Si(111) (6 pages)	245424
H. Hibino, Y. Watanabe, C.-W. Hu, and I. S. T. Tsong	

CONTENTS - *Continued*

PHYSICAL REVIEW B

THIRD SERIES, VOLUME 72, NUMBER 24

DECEMBER 2005-15(II)

Molecular electronic excitations calculated from a solid-state approach: Methodology and numerics (17 pages)	245425
P. H. Hahn, W. G. Schmidt, and F. Bechstedt	
Thermal conductance of metal-metal interfaces (5 pages)	245426
Bryan C. Gundrum, David G. Cahill, and Robert S. Averback	

ERRATA

Erratum: Disorder effects on the spin-Hall current in a diffusive Rashba two-dimensional heavy-hole system [Phys. Rev. B 72 , 155314 (2005)] (1 page)	249901(E)
S. Y. Liu and X. L. Lei	
Publisher's Note: Coherent effects in magnetotransport through Zeeman-split levels [Phys. Rev. B 72 , 205341 (2005)] (1 page)	249902(E)
S. A. Gurvitz, D. Mozyrsky, and G. P. Berman	
Erratum: Ultrafast dynamics and decoherence of quasiparticles in surface bands: Development of the formalism [Phys. Rev. B 72 , 165406 (2005)] (1 page)	249903(E)
Branko Gumhalter	
Erratum: Symmetry and environment effects on rectification mechanisms in quantum pumps [Phys. Rev. B 72 , 121306(R) (2005)] (1 page)	249904(E)
Liliana Arrachea	
Erratum: Electron-phonon renormalization of electronic band gaps of semiconductors: Isotopically enriched silicon [Phys. Rev. B 70 , 193201 (2004)] (1 page)	249905(E)
S. Tsoi, H. Alawadhi, X. Lu, J. W. Ager, III, C. Y. Liao, H. Riemann, E. E. Haller, S. Rodriguez, and A. K. Ramdas	