

CONTENTS - Continued

PHYSICAL REVIEW B

THIRD SERIES, VOLUME 87, NUMBER 19

MAY 2013-15(I)

Separation of G^+ and G^- phonon population dynamics in semiconducting single-walled carbon nanotubes as a function of diameter and temperature (7 pages)	195446
John M. Nesbitt and David C. Smith	
Magnetically robust topological edge states and flat bands (5 pages)	195447
Tomi Paananen and Thomas Dahm	
Effect of charged line defects on conductivity in graphene: Numerical Kubo and analytical Boltzmann approaches (14 pages)	195448
T. M. Radchenko, A. A. Shylau, I. V. Zozoulenko, and Aires Ferreira	
Stratified rod network model of electrical conductance in ultrathin polymer-carbon nanotube multilayers (9 pages)	195449
Mauricio Zurita-Gotor, Forrest S. Gittleson, André D. Taylor, and Jerzy Blawdziewicz	
Tight-binding model for graphene π -bands from maximally localized Wannier functions (10 pages)	195450
Jeil Jung and Allan H. MacDonald	
Quasi-topological phases of matter and topological protection (25 pages)	195451
Parsa Bonderson and Chetan Nayak	

ERRATA

Publisher's Note: Fermi energy shift in deposited metallic nanotubes: A Raman scattering study [Phys. Rev. B 87 , 165442 (2013)] (1 page)	199901(E)
Benjamin Hatting, Sebastian Heeg, Kenichi Ataka, Joachim Heberle, Frank Hennrich, Manfred M. Kappes, Ralph Krupke, and Stephanie Reich	
Erratum: Orthorhombic-to-monoclinic phase transition of Ta_2NiSe_5 induced by the Bose-Einstein condensation of excitons [Phys. Rev. B 87 , 035121 (2013)] (1 page)	199902(E)
T. Kaneko, T. Toriyama, T. Konishi, and Y. Ohta	
Publisher's Note: Mean-field theory on a coupled system of ferromagnetism and electronic nematic order [Phys. Rev. B 87 , 195117 (2013)] (1 page)	199903(E)
Hiroyuki Yamase	
Erratum: Role of the surface states in the magnetotransport properties of ultrathin bismuth films [Phys. Rev. B 82 , 125326 (2010)] (2 pages)	199904(E)
N. Marcano, S. Sangiao, C. Magén, L. Morellón, M. R. Ibarra, M. Plaza, L. Pérez, and J. M. De Teresa	
Publisher's Note: Change of an insulator's topological properties by a Hubbard interaction [Phys. Rev. B 87 , 085109 (2013)] (1 page)	199905(E)
Miguel A. N. Araújo, Eduardo V. Castro, and Pedro D. Sacramento	
Publisher's Note: Raman spectroscopy and electrical transport studies of free-standing epitaxial graphene: Evidence of an AB-stacked bilayer [Phys. Rev. B 87 , 195425 (2013)] (1 page)	199906(E)
Shriram Shivaraman, Johannes Jobst, Daniel Waldmann, Heiko B. Weber, and Michael G. Spencer	
Publisher's Note: Ellipsometry and spectroscopy on $1.55\ \mu\text{m}$ emitting Ge islands in Si for photonic applications [Phys. Rev. B 86 , 125421 (2012)] (1 page)	199907(E)
V. M. Lavchiev, U. Schade, G. Hesser, G. Chen, and W. Jantsch	

CONTENTS - *Continued*

PHYSICAL REVIEW B

THIRD SERIES, VOLUME 87, NUMBER 19

MAY 2013-15(I)

Quantum magneto-oscillations in the ac conductivity of disordered graphene (<i>17 pages</i>)	195432
U. Briskot, I. A. Dmitriev, and A. D. Mirlin	
Analytically solvable model of an electronic Mach-Zehnder interferometer (<i>26 pages</i>)	195433
Stéphane Ngo Dinh, Dmitry A. Bagrets, and Alexander D. Mirlin	
Trapping and squeezing of vortices in voids directly observed by scanning tunneling microscopy and spectroscopy (<i>4 pages</i>)	195434
Takaaki Tominaga, Takaki Sakamoto, Howon Kim, Takahiro Nishio, Toyoaki Eguchi, and Yukio Hasegawa	
Orbital and spin magnetic moments of transforming one-dimensional iron inside metallic and semiconducting carbon nanotubes (<i>7 pages</i>)	195435
Antonio Briones-Leon, Paola Ayala, Xianjie Liu, Kazuhiro Yanagi, Eugen Weschke, Michael Eisterer, Hua Jiang, Hiromichi Kataura, Thomas Pichler, and Hidetsugu Shiozawa	
Qubit-mediated energy transfer between thermal reservoirs: Beyond the Markovian master equation (<i>8 pages</i>) . . .	195436
Dvira Segal	
Simulations of metastable states near the apex of a force microscope tip interacting with an ionic crystalline surface (<i>6 pages</i>)	195437
B. Ittermann, R. Hoffmann-Vogel, L. Behrens, and A. Baratoff	
From a one-dimensional crystal to a one-dimensional liquid: A comprehensive dynamical study of C ₆₀ peapods (<i>11 pages</i>)	195438
Colin Bousige, Stéphane Rols, Jacques Ollivier, Helmut Schober, Peter Fouquet, Giovanna G. Simeoni, Viatcheslav Agafonov, Valery Davydov, Yoshiko Niimi, Kazutomo Suenaga, Hiromichi Kataura, and Pascale Launois	
Multiband tunneling in trilayer graphene (<i>10 pages</i>)	195439
B. Van Duppen, S. H. R. Sena, and F. M. Peeters	
Even-odd effects in NSN scattering problems: Application to graphene nanoribbons (<i>15 pages</i>)	195440
François Crépin, Hans Hettmansperger, Patrik Recher, and Björn Trauzettel	
Condensed exciton polaritons in a two-dimensional trap: Elementary excitations and shaping by a Gaussian pump beam (<i>7 pages</i>)	195441
Y. Núñez Fernández, M. I. Vasilevskiy, C. Trallero-Giner, and A. Kavokin	
Persistent current driven by the Josephson effect in a triple-quantum-dot ring with superconducting leads (<i>6 pages</i>)	195442
Guangyu Yi, Zhichao Li, Xiaohui Chen, Haina Wu, and Wei-Jiang Gong	
Anticorrelations from power-law spectral disorder and conditions for an Anderson transition (<i>5 pages</i>)	195443
Gregory M. Petersen and Nancy Sandler	
Broadband antireflection and light-trapping enhancement of plasmonic solar cells (<i>7 pages</i>)	195444
Ren-Hao Fan, Li-Hao Zhu, Ru-Wen Peng, Xian-Rong Huang, Dong-Xiang Qi, Xiao-Ping Ren, Qing Hu, and Mu Wang	
Controllable valley polarization using graphene multiple topological line defects (<i>8 pages</i>)	195445
Yang Liu, Juntao Song, Yuxian Li, Ying Liu, and Qing-feng Sun	

(Continued)

CONTENTS - Continued

PHYSICAL REVIEW B

THIRD SERIES, VOLUME 87, NUMBER 19

MAY 2013-15(I)

Anomalous thermal response of silicene to uniaxial stretching (<i>11 pages</i>)	195417
Ming Hu, Xiaoliang Zhang, and Dimos Poulikakos	
Stick-slip nanofriction in trapped cold ion chains (<i>8 pages</i>)	195418
D. Mandelli, A. Vanossi, and E. Tosatti	
Conductance through a Ti-atom impurity in Ag(100) and Au(111): An ionic model considering spin fluctuations (<i>7 pages</i>)	195419
M. A. Romero, C. S. Gómez Carrillo, F. Flores, and E. C. Goldberg	
Theoretical analysis of electronic band structure of 2- to 3-nm Si nanocrystals (<i>13 pages</i>)	195420
Prokop Hapala, Kateřina Kůsová, Ivan Pelant, and Pavel Jelínek	
Passivating a transition-metal surface for more uniform growth of graphene: Effect of Au alloying on Ni(111) (<i>6 pages</i>)	195421
Yexin Feng, Xiaolong Yao, Zhenpeng Hu, Jing-Jun Xu, and Lixin Zhang	
Topological phases in two-dimensional arrays of parafermionic zero modes (<i>16 pages</i>)	195422
M. Burrello, B. van Heck, and E. Cobanera	
Scattering theory approach to inelastic transport in nanoscale systems (<i>7 pages</i>)	195423
Sejoong Kim and Young-Woo Son	
Plasmons in graphene nanoribbons: Interband transitions and nonlocal effects (<i>4 pages</i>)	195424
Weihua Wang and Jari M. Kinaret	
Raman spectroscopy and electrical transport studies of free-standing epitaxial graphene: Evidence of an AB-stacked bilayer (<i>6 pages</i>)	195425
Shriram Shivaraman, Johannes Jobst, Daniel Waldmann, Heiko B. Weber, and Michael G. Spencer	
Self-regulated pulsed nucleation in catalyzed nanowire growth (<i>7 pages</i>)	195426
V. G. Dubrovskii	
Nonlocal transport properties of nanoscale conductor–microwave cavity systems (<i>14 pages</i>)	195427
C. Bergenfeldt and P. Samuelsson	
Momentum-space spectroscopy for advanced analysis of dielectric-loaded surface plasmon polariton coupled and bent waveguides (<i>10 pages</i>)	195428
K. Hassan, A. Bouhelier, T. Bernardin, G. Colas-des-Francis, J.-C. Weeber, A. Dereux, and R. Espiau de Lamaestre	
Exciton decay through plasmon modes in planar metal-semiconductor structures (<i>8 pages</i>)	195429
M. V. Durnev, A. V. Kavokin, and B. Gil	
Mobile metal adatoms on single layer, bilayer, and trilayer graphene: An <i>ab initio</i> DFT study with van der Waals corrections correlated with electron microscopy data (<i>16 pages</i>)	195430
T. P. Hardcastle, C. R. Seabourne, R. Zan, R. M. D. Brydson, U. Bangert, Q. M. Ramasse, K. S. Novoselov, and A. J. Scott	
Strain-induced transitions to quantum chaos and effective time-reversal symmetry breaking in triangular graphene nanoflakes (<i>9 pages</i>)	195431
Adam Rycerz	

(Continued)

CONTENTS - *Continued*

PHYSICAL REVIEW B

THIRD SERIES, VOLUME 87, NUMBER 19

MAY 2013-15(I)

Magnetic reversal of a quantum nanoferrromagnet (<i>15 pages</i>)	195402
J. P. Gauyacq and N. Lorente	
Band structure and optical transitions in atomic layers of hexagonal gallium chalcogenides (<i>6 pages</i>)	195403
V. Zólyomi, N. D. Drummond, and V. I. Fal'ko	
Signatures of dynamic screening in interfacial thermal transport of graphene (<i>6 pages</i>)	195404
Zhun-Yong Ong, Massimo V. Fischetti, Andrey Y. Serov, and Eric Pop	
Surface phonon scattering in epitaxial graphene on 6H-SiC (<i>5 pages</i>)	195405
A. J. M. Giesbers, P. Procházka, and C. F. J. Flipse	
Semiclassical theory of the interaction correction to the conductance of antidot arrays (<i>17 pages</i>)	195406
Martin Schneider, Georg Schwiete, and Piet W. Brouwer	
Zero-frequency noise in adiabatically driven interacting quantum systems (<i>24 pages</i>)	195407
Roman-Pascal Riwar, Janine Splettstoesser, and Jürgen König	
Atomistic simulations of low-density nanoporous materials: Carbon nanofoams (<i>6 pages</i>)	195408
C. Mathioudakis and P. C. Kelires	
Nonstoichiometry accommodation in SrTiO ₃ thin films studied by positron annihilation and electron microscopy (<i>11 pages</i>)	195409
D. J. Keeble, S. Wicklein, L. Jin, C. L. Jia, W. Egger, and R. Dittmann	
Probing the surface phase diagram of Fe ₃ O ₄ (001) towards the Fe-rich limit: Evidence for progressive reduction of the surface (<i>8 pages</i>)	195410
Zbynek Novotny, Narasimham Mulakaluri, Zoltan Edes, Michael Schmid, Rossitza Pentcheva, Ulrike Diebold, and Gareth S. Parkinson	
Spin-dependent surface barrier from very-low-energy electron diffraction fine structures: A feasibility study (<i>10 pages</i>)	195411
U. Burgbacher, J. Braun, A. K. Brüning, A. B. Schmidt, and M. Donath	
Landau-Zener tunneling of a single Tb ³⁺ magnetic moment allowing the electronic read-out of a nuclear spin (<i>6 pages</i>)	195412
M. Urdampilleta, S. Klyatskaya, M. Ruben, and W. Wernsdorfer	
Layer antiferromagnetic state in bilayer graphene: A first-principles investigation (<i>4 pages</i>)	195413
Yong Wang, Hao Wang, Jin-Hua Gao, and Fu-Chun Zhang	
Quantum logic readout and cooling of a single dark electron spin (<i>5 pages</i>)	195414
Fazhan Shi, Qi Zhang, Boris Naydenov, Fedor Jelezko, Jiangfeng Du, Friedemann Reinhard, and Jörg Wrachtrup	
X-ray diffraction studies of trilayer oscillations in the preferred thickness of In films on Si(111) (<i>5 pages</i>)	195415
A. Gray, Y. Liu, Hawoong Hong, and T.-C. Chiang	
Observation of excited-state excitons and band-gap renormalization in hole-doped carbon nanotubes using photoluminescence excitation spectroscopy (<i>5 pages</i>)	195416
Yoshio Kimoto, Makoto Okano, and Yoshihiko Kanemitsu	

(Continued)

CONTENTS - Continued

PHYSICAL REVIEW B

THIRD SERIES, VOLUME 87, NUMBER 19

MAY 2013-15(I)

Optical pumping of a single hole spin in a p -doped quantum dot coupled to a metallic nanoparticle (13 pages) . . .	195303
M. A. Antón, F. Carreño, Sonia Melle, Oscar G. Calderón, E. Cabrera-Granado, and Mahi R. Singh	
Reflectance anisotropy spectroscopy of Si(111)-(3 × 1)Li and Ag surfaces (7 pages)	195304
S. Jorgji, J. F. McGilp, and C. H. Patterson	
Complete architecture of integrated photonic circuits based on AND and NOT logic gates of exciton polaritons in semiconductor microcavities (5 pages)	195305
T. Espinosa-Ortega and T. C. H. Liew	
Lindblad theory of dynamical decoherence of quantum-dot excitons (11 pages)	195306
P. R. Eastham, A. O. Spracklen, and J. Keeling	
All-electrical control of quantum gates for single heavy-hole spin qubits (12 pages)	195307
P. Szumniak, S. Bednarek, J. Pawłowski, and B. Partoens	
Dynamic hole trapping in InAs/AlGaAs/InAs quantum dot molecules (7 pages)	195308
Weiwen Liu, Allan S. Bracker, Daniel Gammon, and Matthew F. Doty	
Noise analysis of qubits implemented in triple quantum dot systems in a Davies master equation approach (26 pages)	195309
Sebastian Mehl and David P. DiVincenzo	
Modeling spin injection across diffuse interfaces (6 pages)	195310
P. Chureemart, R. Cuadrado, I. D'Amico, and R. W. Chantrell	
Electrical investigation of the oblique Hanle effect in ferromagnet/oxide/semiconductor contacts (10 pages)	195311
Kun-Rok Jeon, Byoung-Chul Min, Youn-Ho Park, Seung-Young Park, and Sung-Chul Shin	
Multiple light scattering and near-field effects in a fractal treelike ensemble of dielectric nanoparticles (8 pages)	195312
Matteo Gerosa and Carlo Enrico Bottani	
Influence of surface states on quantum and transport lifetimes in high-quality undoped heterostructures (5 pages)	195313
D. Q. Wang, J. C. H. Chen, O. Klochan, K. Das Gupta, D. Reuter, A. D. Wieck, D. A. Ritchie, and A. R. Hamilton	
Spontaneous and stimulated emission dynamics of PbS quantum dots in a glass matrix (13 pages)	195314
Fangyu Yue, Jens W. Tömm, and Detlef Kruschke	
Optical initialization of hole spins in p -doped quantum dots: Orientation efficiency and loss of coherence (7 pages)	195315
Michał Gawełczyk and Paweł Machnikowski	
Anharmonic phonons in few-layer MoS ₂ : Raman spectroscopy of ultralow energy compression and shear modes (5 pages)	195316
Mohamed Boukhicha, Matteo Calandra, Marie-Aude Measson, Ophelie Lancry, and Abhay Shukla	
Evolutionary method for predicting surface reconstructions with variable stoichiometry (8 pages)	195317
Qiang Zhu, Li Li, Artem R. Oganov, and Philip B. Allen	
Nuclear spin polarization in a single quantum dot pumped by two laser beams (14 pages)	195318
Xiao-Feng Shi	
Surface physics, nanoscale physics, low-dimensional systems	
Direct evidence for a metallic interlayer band in Rb-intercalated bilayer graphene (5 pages)	195401
J. Kleeman, K. Sugawara, T. Sato, and T. Takahashi	

(Continued)

Semiconductors I: bulk

Mn-doped monolayer MoS ₂ : An atomically thin dilute magnetic semiconductor (7 pages)	195201
Ashwin Ramasubramaniam and Doron Naveh	
Nuclear magnetic resonance as a probe of electronic states of Bi ₂ Se ₃ (7 pages)	195202
D. M. Nisson, A. P. Dioguardi, P. Klavins, C. H. Lin, K. Shirer, A. C. Shockley, J. Crocker, and N. J. Curro	
Transport properties of partially filled skutterudite derivatives Ce _{0.13} Co ₄ Ge ₆ Se ₆ and Yb _{0.14} Co ₄ Ge ₆ Se ₆ (5 pages)	195203
Yongkwan Dong, Kaya Wei, and George S. Nolas	
Direct calculation of exciton binding energies with time-dependent density-functional theory (9 pages)	195204
Zeng-hui Yang and Carsten A. Ullrich	
Calculating electron transport coefficients of disordered alloys using the KKR-CPA method and Boltzmann approach: Application to Mg ₂ Si _{1-x} Sn _x thermoelectrics (9 pages)	195205
K. Kutorasiński, J. Tobola, and S. Kaprzyk	
Slow dynamics of spin pairs in a random hyperfine field: Role of inequivalence of electrons and holes in organic magnetoresistance (15 pages)	195206
R. C. Roundy and M. E. Raikh	
Identification of a N-related shallow acceptor and electron paramagnetic resonance center in ZnO: N ₂ ⁺ on the Zn site (5 pages)	195207
Walter R. L. Lambrecht and Adisak Boonchun	
Optical response of stoichiometric and congruent lithium niobate from first-principles calculations (6 pages)	195208
A. Riefer, S. Sanna, A. Schindlmayr, and W. G. Schmidt	
Role of band states and trap states in the electrical properties of organic semiconductors: Hopping versus mobility edge model (9 pages)	195209
Shafiqh Mehraeen, Veaceslav Coropceanu, and Jean-Luc Brédas	
☞ Transition energies and direct-indirect band gap crossing in zinc-blende Al _x Ga _{1-x} N (21 pages)	195210
M. Landmann, E. Rauls, W. G. Schmidt, Marcus Röppischer, Christoph Cobet, Norbert Esser, Thorsten Schupp, Donat J. As, Martin Feneberg, and Rüdiger Goldhahn	
<i>Ab initio</i> calculation of optical properties with excitonic effects in wurtzite In _x Ga _{1-x} N and In _x Al _{1-x} N alloys (12 pages)	195211
Luiz Cláudio de Carvalho, André Schleife, Jürgen Furthmüller, and Friedhelm Bechstedt	
Orbital-selective charge transfer at oxygen-deficient LaAlO ₃ /SrTiO ₃ (001) interfaces (6 pages)	195212
P. V. Ong and Jaichan Lee	

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

Phonon transport in periodic silicon nanoporous films with feature sizes greater than 100 nm (8 pages)	195301
Ankit Jain, Ying-Ju Yu, and Alan J. H. McGaughey	
Optical study of electron-electron exchange interaction in CdTe/ZnTe quantum dots (7 pages)	195302
T. Kazimierzczuk, T. Smoleński, J. Kobak, M. Goryca, W. Pacuski, A. Golnik, K. Fronc, Ł. Kłopotowski, P. Wojnar, and P. Kossacki	

(Continued)

CONTENTS - Continued

PHYSICAL REVIEW B

THIRD SERIES, VOLUME 87, NUMBER 19

MAY 2013-15(I)

Magnetic and electronic structure of the film-stabilized Mott insulator BaCrO_3 (6 pages)	195129
Z. H. Zhu, F. J. Rueckert, J. I. Budnick, W. A. Hines, M. Jain, H. Zhang, and B. O. Wells	
Assessment of DFT functionals with NMR chemical shifts (8 pages)	195130
Robert Laskowski, Peter Blaha, and Fabien Tran	
Quantum Hall hierarchy in a spherical geometry (12 pages)	195131
Thomas Kvorning	
Observation of conduction electron spin resonance in boron-doped diamond (5 pages)	195132
Péter Szirmai, Gábor Fábián, János Koltai, Bálint Náfrádi, László Forró, Thomas Pichler, Oliver A. Williams, Soumen Mandal, Christopher Bäuerle, and Ferenc Simon	
Antiferromagnetic topological insulator state in the correlated Bernevig-Hughes-Zhang model (6 pages)	195133
S. Miyakoshi and Y. Ohta	
Detecting classical phase transitions with Renyi mutual information (5 pages)	195134
Jason Iaconis, Stephen Inglis, Ann B. Kallin, and Roger G. Melko	
Nonequilibrium transport through magnetic vibrating molecules (10 pages)	195136
P. Roura-Bas, L. Tosi, and A. A. Aligia	
Analytically tractable model of bad metals (5 pages)	195137
S. Akhanjee and A. M. Tsvelik	
<i>Ab initio</i> determination of local coupling interaction in arbitrary nanostructures: Application to photonic crystal slabs and cavities (6 pages)	195138
Gengyan Chen, Yi-Cong Yu, Xiao-Lu Zhuo, Yong-Gang Huang, Haoxiang Jiang, Jing-Feng Liu, Chong-Jun Jin, and Xue-Hua Wang	
First-principles DFT + U modeling of actinide-based alloys: Application to paramagnetic phases of UO_2 and (U,Pu) mixed oxides (7 pages)	195139
Boris Dorado and Philippe Garcia	
Isosbestic points: How a narrow crossing region of curves determines their leading parameter dependence (11 pages)	195140
M. Greger, M. Kollar, and D. Vollhardt	
Multiplet effects in orbital and spin ordering phenomena: A hybridization-expansion quantum impurity solver study (8 pages)	195141
Andreas Flesch, Evgeny Gorelov, Erik Koch, and Eva Pavarini	
Phase stability in the two-dimensional anisotropic boson Hubbard Hamiltonian (7 pages)	195142
T. Ying, G. G. Batrouni, V. G. Rousseau, M. Jarrell, J. Moreno, X. D. Sun, and R. T. Scalettar	
Infrared study of the electronic structure of the metallic pyrochlore iridate $\text{Bi}_2\text{Ir}_2\text{O}_7$ (7 pages)	195143
Y. S. Lee, S. J. Moon, Scott C. Riggs, M. C. Shapiro, I. R. Fisher, Bradford W. Fulfer, Julia Y. Chan, A. F. Kemper, and D. N. Basov	
Derivation of static low-energy effective models by an <i>ab initio</i> downfolding method without double counting of Coulomb correlations: Application to SrVO_3 , FeSe , and FeTe (22 pages)	195144
Motoaki Hirayama, Takashi Miyake, and Masatoshi Imada	

(Continued)

Influence of vibrational modes on quantum transport through a nanodevice (<i>17 pages</i>)	195112
Andre Jovchev and Frithjof B. Anders	
Competing states in the SU(3) Heisenberg model on the honeycomb lattice: Plaquette valence-bond crystal versus dimerized color-ordered state (<i>11 pages</i>)	195113
Philippe Corboz, Miklós Lajkó, Karlo Penc, Frédéric Mila, and Andreas M. Läuchli	
Nonequilibrium mesoscopic Fermi-reservoir distribution and particle current through a coherent quantum system (<i>6 pages</i>)	195114
Shigeru Ajisaka and Felipe Barra	
Interplay among spin, orbital, and lattice degrees of freedom in a frustrated spinel Mn_3O_4 (<i>7 pages</i>)	195115
Y. Nii, H. Sagayama, H. Umetsu, N. Abe, K. Taniguchi, and T. Arima	
Quantum confinement induced magnetism in LaNiO_3 - LaMnO_3 superlattices (<i>7 pages</i>)	195116
Shuai Dong and Elbio Dagotto	
Mean-field theory on a coupled system of ferromagnetism and electronic nematic order (<i>9 pages</i>)	195117
Hiroyuki Yamase	
Doping dependence of the plasmon dispersion in $2H\text{-TaSe}_2$ (<i>5 pages</i>)	195119
A. König, R. Schuster, M. Knupfer, B. Büchner, and H. Berger	
Effect of local electron-electron correlation in hydrogen-like impurities in Ge (<i>9 pages</i>)	195120
H. Sims, E. R. Ylvisaker, E. Şaşıoğlu, C. Friedrich, S. Blügel, and W. E. Pickett	
Effect of realistic finite-size impurities on T_c in Fe-based superconductors based on the five-orbital tight-binding model (<i>10 pages</i>)	195121
Youichi Yamakawa, Seiichiro Onari, and Hiroshi Kontani	
Quantum impurity in the bulk of a topological insulator (<i>9 pages</i>)	195122
Hai-Feng Lü, Hai-Zhou Lu, Shun-Qing Shen, and Tai-Kai Ng	
Observation of modulation instability in a nonlinear magnetoinductive waveguide (<i>6 pages</i>)	195123
Yasuhiro Tamayama, Toshihiro Nakanishi, and Masao Kitano	
Electronic structure of the hole-doped delafossite oxides $\text{CuCr}_{1-x}\text{Mg}_x\text{O}_2$ (<i>8 pages</i>)	195124
T. Yokobori, M. Okawa, K. Konishi, R. Takei, K. Katayama, S. Oozono, T. Shinmura, T. Okuda, H. Wadati, E. Sakai, K. Ono, H. Kumigashira, M. Oshima, T. Sugiyama, E. Ikenaga, N. Hamada, and T. Saitoh	
Optical binding of magnetodielectric Rayleigh particles (<i>9 pages</i>)	195125
Patrick C. Chaumet and Adel Rahmani	
Ferroelectric states induced by dimer lattice disorder in dimer Mott insulators (<i>12 pages</i>)	195126
Hiroki Gomi, Masahiro Ikenaga, Yasuhiro Hiragi, Daiki Segawa, Akira Takahashi, Takeshi J. Inagaki, and Masaki Aihara	
Ferromagnetism and Fermi surface transition in the periodic Anderson model: Second-order phase transition without symmetry breaking (<i>9 pages</i>)	195127
Katsunori Kubo	
Projective construction of two-dimensional symmetry-protected topological phases with U(1), SO(3), or SU(2) symmetries (<i>7 pages</i>)	195128
Peng Ye and Xiao-Gang Wen	

(Continued)

EDITORIALS AND ANNOUNCEMENTS

Editorial: Scope and Standards of PRB (2 pages)	190001
---	--------

ARTICLES

Electronic structure and strongly correlated systems

Polar bosons in one-dimensional disordered optical lattices (7 pages)	195101
Xiaolong Deng, Roberta Citro, Edmond Orignac, Anna Minguzzi, and Luis Santos	
Critical behavior of the ferromagnetic perovskites RTiO_3 ($R = \text{Dy, Ho, Er, Tm, Yb}$) by magnetocaloric measurements (6 pages)	195102
Yantao Su, Yu Sui, J.-G. Cheng, J.-S. Zhou, Xianjie Wang, Yang Wang, and J. B. Goodenough	
K matrix construction of symmetry-enriched phases of matter (20 pages)	195103
Ling-Yan Hung and Yidun Wan	
Dynamical phase transitions after quenches in nonintegrable models (8 pages)	195104
C. Karrasch and D. Schuricht	
Exact spin-orbital separation in a solvable model in one dimension (5 pages)	195105
Brijesh Kumar	
Correlation-assisted phonon softening and the orbital-selective Peierls transition in VO_2 (5 pages)	195106
Sooran Kim, Kyoo Kim, Chang-Jong Kang, and B. I. Min	
Tunneling through $\text{Al}/\text{AlO}_x/\text{Al}$ junction: Analytical models and first-principles simulations (8 pages)	195107
M. Zemanová Diešková, A. Ferretti, and P. Bokes	
Numerically exact long-time magnetization dynamics at the nonequilibrium Kondo crossover of the Anderson impurity model (5 pages)	195108
Guy Cohen, Emanuel Gull, David R. Reichman, Andrew J. Millis, and Eran Rabani	
Finite-size effects in the Z_2 spin liquid on the kagome lattice (10 pages)	195109
Hyejin Ju and Leon Balents	
Competition between spin fluctuations in $\text{Ca}_{2-x}\text{Sr}_x\text{RuO}_4$ around $x = 0.5$ (11 pages)	195110
Naoya Arakawa and Masao Ogata	
Natural optical activity and its control by electric field in electrotoroidic systems (7 pages)	195111
Sergey Prosandeev, Andrei Malashevich, Zhigang Gui, Lydie Louis, Raymond Walter, Ivo Souza, and L. Bellaiche	

