

CONTENTS - Continued

PHYSICAL REVIEW B

THIRD SERIES, VOLUME 94, NUMBER 20

NOVEMBER 2016-15(II)

Quantum interference effects in topological nanowires in a longitudinal magnetic field (7 pages)	205424
Vincent E. Sacksteder IV and Quansheng Wu	
Length dependence of the thermal conductance of alkane-based single-molecule junctions: An <i>ab initio</i> study (8 pages)	205425
J. C. Klöckner, M. Bürkle, J. C. Cuevas, and F. Pauly	
Electric-field tunable Dirac semimetal state in phosphorene thin films (7 pages)	205426
Barun Ghosh, Bahadur Singh, R. Prasad, and Amit Agarwal	
Feature-rich electronic excitations of silicene in external fields (11 pages)	205427
Jhao-Ying Wu, Szu-Chao Chen, Godfrey Gumbs, and Ming-Fa Lin	
Spin pumping into two-dimensional electron systems (7 pages)	205428
Takuya Inoue, Gerrit E. W. Bauer, and Kentaro Nomura	
Photoinduced topological phase transition and spin polarization in a two-dimensional topological insulator (9 pages)	205429
M. N. Chen, W. Su, M. X. Deng, Jiawei Ruan, W. Luo, D. X. Shao, L. Sheng, and D. Y. Xing	
Nonequilibrium mesoscopic conductance fluctuations as the origin of $1/f$ noise in epitaxial graphene (11 pages)	205430
C.-C. Kalmbach, F. J. Ahlers, J. Schurr, A. Müller, J. Feilhauer, M. Kruskopf, K. Pierz, F. Hohls, and R. J. Haug	
Strain-induced quasi-one-dimensional rare-earth silicide structures on Si(111) (9 pages)	205431
F. Timmer, R. Oelke, C. Dues, S. Sanna, W. G. Schmidt, M. Franz, S. Appelfeller, M. Dähne, and J. Wollschläger	
Nonradiative limitations to plasmon propagation in chains of metallic nanoparticles (14 pages)	205432
Adam Brandstetter-Kunc, Guillaume Weick, Charles A. Downing, Dietmar Weinmann, and Rodolfo A. Jalabert	
Toroidal eigenmodes in all-dielectric metamolecules (14 pages)	205433
Anna C. Tasolamprou, Odysseas Tsilipakos, Maria Kafesaki, Costas M. Soukoulis, and Eleftherios N. Economou	
Optical theorem and multipole scattering of light by arbitrarily shaped nanoparticles (7 pages)	205434
Andrey B. Evlyukhin, Tim Fischer, Carsten Reinhardt, and Boris N. Chichkov	
Ground state properties of electron-hole bilayer: Mass-asymmetric effect (5 pages)	205435
R. O. Sharma, L. K. Saini, and Bhagwati Prasad Bahuguna	
Electrical control of the RKKY interaction in bilayer graphene (10 pages)	205436
N. Klier, S. Sharma, O. Pankratov, and S. Shallcross	
Hofstadter butterfly of a quasicrystal (8 pages)	205437
Jean-Noël Fuchs and Julien Vidal	
Exact formulas for radiative heat transfer between planar bodies under arbitrary temperature profiles: Modified asymptotics and sign-flip transitions (6 pages)	205438
Riccardo Messina, Weiliang Jin, and Alejandro W. Rodriguez	
☞ Transparency of graphene and other direct-gap two-dimensional materials (5 pages)	205439
Daniel J. Merthe and Vitaly V. Kresin	

CONTENTS - *Continued*

PHYSICAL REVIEW B

THIRD SERIES, VOLUME 94, NUMBER 20

NOVEMBER 2016-15(II)

Influence of out-of-plane response on optical properties of two-dimensional materials: First principles approach (8 pages)	205408
Lars Matthes, Olivia Pulci, and Friedhelm Bechstedt	
Stability of single-layer and multilayer arsenene and their mechanical and electronic properties (9 pages)	205409
D. Kecik, E. Durgun, and S. Ciraci	
Optical properties of single-layer and bilayer arsenene phases (9 pages)	205410
D. Kecik, E. Durgun, and S. Ciraci	
Changes in work function due to NO ₂ adsorption on monolayer and bilayer epitaxial graphene on SiC(0001) (7 pages)	205411
Nuala M. Caffrey, Rickard Armiento, Rositsa Yakimova, and Igor A. Abrikosov	
Lifting the Franck-Condon blockade in driven quantum dots (11 pages)	205412
Patrick Haughian, Stefan Walter, Andreas Nunnenkamp, and Thomas L. Schmidt	
☞ Creating arbitrary quantum vibrational states in a carbon nanotube (7 pages)	205413
Heng Wang and Guido Burkard	
Rashba-Dirac cones at the tungsten surface: Insights from a tight-binding model and thin film subband structure (7 pages)	205414
George Kirczenow	
Proximity-induced spin-valley polarization in silicene or germanene on F-doped WS ₂ (5 pages)	205415
Shahid Sattar, Nirpendra Singh, and Udo Schwingenschlögl	
Mixed electrical-heat noise spectrum in a quantum dot (15 pages)	205416
Paul Eyméoud and Adeline Crépieux	
Nonspherical atomic effective pseudopotentials for surface passivation (10 pages)	205417
Anastasia Karpulevich, Hanh Bui, Denis Antonov, Peng Han, and Gabriel Bester	
Evidence of electronic cloaking from chiral electron transport in bilayer graphene nanostructures (6 pages)	205418
Kyunghoon Lee, Seunghyun Lee, Yun Suk Eo, Cagliyan Kurdak, and Zhaohui Zhong	
Optical signatures of nonlocal plasmons in graphene (13 pages)	205419
Tobias Wenger, Giovanni Viola, Mikael Fogelström, Philippe Tassin, and Jari Kinaret	
Surface structure of coherently strained ceria ultrathin films (9 pages)	205420
Yezhou Shi, Kevin H. Stone, Zixuan Guan, Matteo Monti, Chuntian Cao, Farid El Gabaly, William C. Chueh, and Michael F. Toney	
Entangling distant resonant exchange qubits via circuit quantum electrodynamics (16 pages)	205421
V. Srinivasa, J. M. Taylor, and Charles Tahan	
Entanglement properties of Floquet-Chern insulators (12 pages)	205422
Daniel J. Yates, Yonah Lemonik, and Aditi Mitra	
Exciton-phonon relaxation bottleneck and radiative decay of thermal exciton reservoir in two-dimensional materials (8 pages)	205423
A. O. Slobodeniuk and D. M. Basko	

(Continued)

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

Real-space Hopfield diagonalization of inhomogeneous dispersive media (<i>9 pages</i>)	205301
Christopher R. Gubbin, Stefan A. Maier, and Simone De Liberato	
Spin-resolved orbital magnetization in Rashba two-dimensional electron gas (<i>9 pages</i>)	205302
A. Dyrdal, V. K. Dugaev, and J. Barnaś	
Charge density wave with meronlike spin texture induced by a lateral superlattice in a two-dimensional electron gas (<i>11 pages</i>)	205303
R. Côté and Xavier Bazier-Matte	
Modeling the competition between elastic and plastic relaxation in semiconductor heteroepitaxy: From cyclic growth to flat films (<i>6 pages</i>)	205304
Fabrizio Rovaris, Roberto Bergamaschini, and Francesco Montalenti	
Quasiparticle spin relaxation with superconducting velocity-tunable state in GaAs(100) quantum wells in proximity to <i>s</i> -wave superconductor (<i>17 pages</i>)	205305
T. Yu and M. W. Wu	
Collinear scattering of photoexcited carriers in graphene (<i>7 pages</i>)	205306
Maxim Trushin	
Surface and bulk contributions to the second-harmonic generation in Bi ₂ Se ₃ (<i>8 pages</i>)	205307
Hui Shi, Yu Zhang, Mengyu Yao, Fuhao Ji, Dong Qian, Shan Qiao, Y. R. Shen, and Wei-Tao Liu	
 Slow light and slow acoustic phonons in optophononic resonators (<i>10 pages</i>)	205308
V. Villafañe, P. Soubelet, A. E. Bruchhausen, N. D. Lanzillotti-Kimura, B. Jusserand, A. Lemaître, and A. Fainstein	
Quantum gates with donors in germanium (<i>13 pages</i>)	205309
Giuseppe Pica and Brendon W. Lovett	
Surface physics, nanoscale physics, low-dimensional systems	
Thermoelectric effects in topological crystalline insulators (<i>8 pages</i>)	205401
Babak Zare Rameshti and Reza Asgari	
Model Hamiltonian approach to the magnetic anisotropy of iron phthalocyanine at solid surfaces (<i>15 pages</i>)	205402
Emi Minamitani, Noriaki Takagi, and Satoshi Watanabe	
Helium diffraction on SiC grown graphene: Qualitative and quantitative descriptions with the hard-corrugated-wall model (<i>8 pages</i>)	205403
Maxime Debiossac, Asier Zugarramurdi, Zhao Mu, Petru Lunca-Popa, Andrew J. Mayne, and Philippe Roncin	
STM-driven transition from rippled to buckled graphene in a spin-membrane model (<i>8 pages</i>)	205404
M. Ruiz-García, L. L. Bonilla, and A. Prados	
Continuous or discrete: Tuning the energy level alignment of organic layers with alkali dopants (<i>10 pages</i>)	205405
Thomas Ules, Daniel Lüftner, Eva Maria Reinisch, Georg Koller, Peter Puschnig, and Michael G. Ramsey	
 Momentum-resolved hot electron dynamics at the 2H-MoS ₂ surface (<i>8 pages</i>)	205406
P. Hein, A. Stange, K. Hanff, L. X. Yang, G. Rohde, K. Rossnagel, and M. Bauer	

(Continued)

CONTENTS - *Continued*

PHYSICAL REVIEW B

THIRD SERIES, VOLUME 94, NUMBER 20

NOVEMBER 2016-15(II)

Fermi-surface topologies and low-temperature phases of the filled skutterudite compounds $\text{CeOs}_4\text{Sb}_{12}$ and $\text{NdOs}_4\text{Sb}_{12}$ (10 pages)	205140
Pei Chun Ho, John Singleton, Paul A. Goddard, Fedor F. Balakirev, Shalinee Chikara, Tatsuya Yanagisawa, M. Brian Maple, David B. Shrekenhamer, Xia Lee, and Avraham T. Thomas	
Universality classes of order parameters composed of many-body bound states (12 pages)	205141
A. M. Tsvelik	
Magnetism in f -electron superlattices (6 pages)	205142
Robert Peters, Yasuhiro Tada, and Norio Kawakami	
Magnetostructural coupling and multiferroic properties in the spin-frustrated system $\text{Ni}_{1-x}\text{Zn}_x\text{Cr}_2\text{O}_4$ (9 pages)	205143
K. Devi Chandrasekhar, J. Krishna Murthy, J.-Y. Lin, H. C. Wu, W. J. Tseng, A. Venimadhav, and H. D. Yang	
Charge transfer and symmetry reduction at the $\text{CuPc}/\text{Ag}(110)$ interface studied by photoemission tomography (9 pages)	205144
K. Schönauer, S. Weiss, V. Feyer, D. Lüftner, B. Stadtmüller, D. Schwarz, T. Sueyoshi, C. Kumpf, P. Puschnig, M. G. Ramsey, F. S. Tautz, and S. Soubatch	
Magnetic excitation spectra of strongly correlated quasi-one-dimensional systems: Heisenberg versus Hubbard-like behavior (10 pages)	205145
A. Nocera, N. D. Patel, J. Fernandez-Baca, E. Dagotto, and G. Alvarez	
Nonequilibrium variational cluster perturbation theory: Quench dynamics of the quantum Ising model (11 pages)	205146
Mohammad Zhian Asadzadeh, Michele Fabrizio, and Enrico Arrigoni	
Monte Carlo study of Dirac semimetals phase diagram (5 pages)	205147
V. V. Braguta, M. I. Katsnelson, A. Yu. Kotov, and A. A. Nikolaev	
Spectroscopic signatures of molecular orbitals in transition metal oxides with a honeycomb lattice (5 pages)	205148
Z. V. Pchelkina, S. V. Streltsov, and I. I. Mazin	
Anomalies and symmetry fractionalization in reflection-symmetric topological order (11 pages)	205149
Ethan Lake	
Matrix product operators for symmetry-protected topological phases: Gauging and edge theories (32 pages)	205150
Dominic J. Williamson, Nick Bultinck, Michael Mariën, Mehmet B. Şahinoğlu, Jutho Haegeman, and Frank Verstraete	
Semiconductors I: bulk	
Disorder effects on the band structure of ZnGeN_2 : Role of exchange defects (7 pages)	205201
Dmitry Skachkov, Paul C. Quayle, Kathleen Kash, and Walter R. L. Lambrecht	
Insulator to semimetallic transition in conducting polymers (8 pages)	205202
W. A. Muñoz, Sandeep Kumar Singh, J. F. Franco-Gonzalez, M. Linares, X. Crispin, and I. V. Zozoulenko	
Effects of La $5d$ and $4f$ states on the electronic and optical properties of LaAlO_3 (7 pages)	205203
Jimmy-Xuan Shen, André Schleife, Anderson Janotti, and Chris G. Van de Walle	
Evolution kinetics of elementary point defects in ZnO implanted with low fluences of helium at cryogenic temperature (11 pages)	205204
C. Bhoddoo, A. Hupfer, L. Vines, E. V. Monakhov, and B. G. Svensson	

(Continued)

CONTENTS - *Continued*

PHYSICAL REVIEW B

THIRD SERIES, VOLUME 94, NUMBER 20

NOVEMBER 2016-15(II)

Detecting topological order with ribbon operators (<i>13 pages</i>)	205123
Jacob C. Bridgeman, Steven T. Flammia, and David Poulin	
Systematic construction of spin liquids on the square lattice from tensor networks with SU(2) symmetry (<i>29 pages</i>)	205124
Matthieu Mambrini, Román Orús, and Didier Poilblanc	
Transfer matrix approach to the persistent current in quantum rings: Application to hybrid normal-superconducting rings (<i>17 pages</i>)	205125
Andrea Nava, Rosa Giuliano, Gabriele Campagnano, and Domenico Giuliano	
A free-electron model for the Dirac bands in graphene (<i>4 pages</i>)	205126
G. S. Kissinger and S. Satpathy	
Phonon instability and pressure-induced isostructural semiconductor-semimetal transition of monoclinic VO ₂ (<i>6 pages</i>)	205127
Huabing He, Heng Gao, Wei Wu, Shixun Cao, Jiawang Hong, Dehong Yu, Guochu Deng, Yanfeng Gao, Peihong Zhang, Hongjie Luo, and Wei Ren	
Spin glass behavior in LaCo _{1-x} Rh _x O ₃ ($x = 0.4, 0.5$, and 0.6) (<i>7 pages</i>)	205128
H. Guo, K. Manna, H. Luetkens, M. Hoelzel, and A. C. Komarek	
Instability of three-band Tomonaga-Luttinger liquid: Renormalization group analysis and possible application to K ₂ Cr ₃ As ₃ (<i>18 pages</i>)	205129
Jian-Jian Miao, Fu-Chun Zhang, and Yi Zhou	
<i>Ab initio</i> electronic structure and optical conductivity of bismuth tellurohalides (<i>7 pages</i>)	205130
Sebastian Schwalbe, René Wirtz, Ronald Starke, Giulio A. H. Schober, and Jens Kortus	
Interplay between nanolaminated structure and electron-phonon coupling in Ti-based MAX phases (<i>7 pages</i>)	205131
A. Nassour, V. Mauchamp, and S. Dubois	
Optical response from terahertz to visible light of electronuclear transitions in LiYF ₄ :Ho ³⁺ (<i>16 pages</i>)	205132
G. Matmon, S. A. Lynch, T. F. Rosenbaum, A. J. Fisher, and G. Aeppli	
Quadratic Zeeman effect and spin-lattice relaxation of Tm ³⁺ :YAG at high magnetic fields (<i>9 pages</i>)	205133
Lucile Veissier, Charles W. Thiel, Thomas Lutz, Paul E. Barclay, Wolfgang Tittel, and Rufus L. Cone	
Local density approximations from finite systems (<i>11 pages</i>)	205134
M. T. Entwistle, M. J. P. Hodgson, J. Wetherell, B. Longstaff, J. D. Ramsden, and R. W. Godby	
Individual band with higher Chern numbers in double perovskite (001) monolayers (<i>8 pages</i>)	205135
A. M. Cook	
Gauge-field-assisted Kekulé quantum criticality (<i>7 pages</i>)	205136
Michael M. Scherer and Igor F. Herbut	
Coherent two-dimensional spectroscopy of a Fano model (<i>5 pages</i>)	205137
Daniel Finkelstein-Shapiro, Felipe Poulsen, Tõnu Pullerits, and Thorsten Hansen	
Origin of electron disproportionation in metallic sodium cobaltates (<i>8 pages</i>)	205138
Y. V. Lysogorskiy, S. A. Krivenko, I. R. Mukhamedshin, O. V. Nedopekin, and D. A. Tayurskii	
Topological phase transitions and universality in the Haldane-Hubbard model (<i>14 pages</i>)	205139
Alessandro Giuliani, Ian Jauslin, Vieri Mastropietro, and Marcello Porta	

(Continued)

CONTENTS - *Continued*

PHYSICAL REVIEW B

THIRD SERIES, VOLUME 94, NUMBER 20

NOVEMBER 2016-15(II)

Persistent photoinduced modifications in the phase-separated states of $\text{La}_{2-2x}\text{Sr}_{1+2x}\text{Mn}_2\text{O}_7$ (5 pages)	205108
Kai Sun, Shuaishuai Sun, Xingyuan Li, Zhongwen Li, Ruixin Zhang, Linlin Wei, Cong Guo, Dingguo Zheng, Huanfang Tian, Huaixin Yang, and Jianqi Li	
Quasi-one-dimensional spin-orbit-coupled correlated insulator in a multinuclear coordinated organometallic crystal (8 pages)	205109
J. Merino, A. C. Jacko, A. L. Khosla, and B. J. Powell	
From local to nonlocal correlations: The Dual Boson perspective (13 pages)	205110
E. A. Stepanov, A. Huber, E. G. C. P. van Loon, A. I. Lichtenstein, and M. I. Katsnelson	
Disentangling bulk and surface Rashba effects in ferroelectric α -GeTe (7 pages)	205111
J. Krempaský, H. Volfová, S. Muff, N. Pilet, G. Landolt, M. Radović, M. Shi, D. Kriegner, V. Holý, J. Braun, H. Ebert, F. Bisti, V. A. Rogalev, V. N. Strocov, G. Springholz, J. Minár, and J. H. Dil	
Spontaneous dimerization, critical lines, and short-range correlations in a frustrated spin-1 chain (18 pages)	205112
Natalia Chepiga, Ian Affleck, and Frédéric Mila	
Strong correlations, strong coupling, and s -wave superconductivity in hole-doped BaFe_2As_2 single crystals (18 pages)	205113
F. Hardy, A. E. Böhrer, L. de' Medici, M. Capone, G. Giovannetti, R. Eder, L. Wang, M. He, T. Wolf, P. Schweiss, R. Heid, A. Herbig, P. Adelman, R. A. Fisher, and C. Meingast	
Weak antilocalization and linear magnetoresistance in the surface state of SmB_6 (6 pages)	205114
S. Thomas, D. J. Kim, S. B. Chung, T. Grant, Z. Fisk, and Jing Xia	
Validity boundary of orbital-free molecular dynamics method corresponding to thermal ionization of shell structure (7 pages)	205115
Chang Gao, Shen Zhang, Wei Kang, Cong Wang, Ping Zhang, and X. T. He	
Ru_2NbGa : A Heusler-type compound with semimetallic characteristics (6 pages)	205116
C. N. Kuo, H. W. Lee, C.-M. Wei, Y. H. Lin, Y. K. Kuo, and C. S. Lue	
Fractionalized Fermi liquid with bosonic chargons as a candidate for the pseudogap metal (13 pages)	205117
Shubhayu Chatterjee and Subir Sachdev	
Generating spin squeezing states and Greenberger-Horne-Zeilinger entanglement using a hybrid phonon-spin ensemble in diamond (8 pages)	205118
Keyu Xia (夏可宇) and Jason Twamley	
Realization of anomalous multiferroicity in free-standing graphene with magnetic adatoms (5 pages)	205119
Y. Marques, L. S. Ricco, F. A. Dessotti, R. S. Machado, I. A. Shelykh, M. de Souza, and A. C. Seridonio	
Signature of chiral fermion instability in the Weyl semimetal TaAs above the quantum limit (6 pages)	205120
Cheng-Long Zhang, Bingbing Tong, Zhujun Yuan, Ziquan Lin, Junfeng Wang, Jinglei Zhang, Chuan-Ying Xi, Zhong Wang, Shuang Jia, and Chi Zhang	
Contradictory nature of Co doping in ferroelectric BaTiO_3 (11 pages)	205121
Patrick Ponath, Andrew O'Hara, Hai-Xia Cao, Agham B. Posadas, Rama Vasudevan, M. Baris Okatan, S. Jesse, Morgann Berg, Zongyao Li, Desai Zhang, Andrew J. Kellock, Alex de Lozanne, Jianshi Zhou, Sergei Kalinin, David J. Smith, and Alexander A. Demkov	
Matrix product state renormalization (14 pages)	205122
M. Bal, M. M. Rams, V. Zauner, J. Haegeman, and F. Verstraete	

(Continued)

CONTENTS - Continued

PHYSICAL REVIEW B

THIRD SERIES, VOLUME 94, NUMBER 20

NOVEMBER 2016-15(II)

Spin mapping of surface and bulk Rashba states in ferroelectric α -GeTe(111) films (5 pages)	201403(R)
H. J. Elmers, R. Wallauer, M. Liebmann, J. Kellner, M. Morgenstern, R. N. Wang, J. E. Boschker, R. Calarco, J. Sánchez-Barriga, O. Rader, D. Kutnyakhov, S. V. Chernov, K. Medjanik, C. Tusche, M. Ellguth, H. Volfova, St. Borek, J. Braun, J. Minár, H. Ebert, and G. Schönhense	
Epsilon-near-zero behavior from plasmonic Dirac point: Theory and realization using two-dimensional materials (5 pages)	201404(R)
Marios Mattheakis, Constantinos A. Valagiannopoulos, and Efthimios Kaxiras	
Alkali doping of graphene: The crucial role of high-temperature annealing (5 pages)	201405(R)
A. Khademi, E. Sajadi, P. Dosanjh, D. A. Bonn, J. A. Folk, A. Stöhr, U. Starke, and S. Forti	
Material-independent modes for electromagnetic scattering (5 pages)	201406(R)
Carlo Forestiere and Giovanni Miano	
Hierarchical quantum master equation approach to electronic-vibrational coupling in nonequilibrium transport through nanosystems (6 pages)	201407(R)
C. Schinabeck, A. Erpenbeck, R. Härtle, and M. Thoss	
Hyperfine-controlled domain-wall motion observed in real space and time (5 pages)	201408(R)
John N. Moore, Junichiro Hayakawa, Takaaki Mano, Takeshi Noda, and Go Yusa	
Direct visualization of the periodic displacement of Ta atoms in the commensurate charge density wave phase of 1T-TaSe ₂ in real space (5 pages)	201409(R)
Keita Kobayashi and Hidehiro Yasuda	
Relativistic $\mathbf{k} \cdot \mathbf{p}$ Hamiltonians for centrosymmetric topological insulators from <i>ab initio</i> wave functions (6 pages)	201410(R)
I. A. Nechaev and E. E. Krasovskii	

ARTICLES

Electronic structure and strongly correlated systems

Multiple charge density wave states at the surface of TbTe ₃ (10 pages)	205101
Ling Fu, Aaron M. Kraft, Bishnu Sharma, Manoj Singh, Philip Walmsley, Ian R. Fisher, and Michael C. Boyer	
Bound states in string nets (5 pages)	205102
Marc Daniel Schulz, Sébastien Dusuel, and Julien Vidal	
Interrupted orbital motion in density-wave systems (8 pages)	205103
Maxim Breitkreiz, P. M. R. Brydon, and Carsten Timm	
Resistive properties and phase diagram of the organic antiferromagnetic metal κ -(BETS) ₂ FeCl ₄ (10 pages)	205104
Michael Kunz, Werner Biberacher, Natalia D. Kushch, Akira Miyazaki, and Mark V. Kartsovnik	
Bulk-edge correspondence for topological photonic continua (11 pages)	205105
Mário G. Silveirinha	
Superconducting quantum criticality of topological surface states at three loops (17 pages)	205106
Nikolai Zerf, Chien-Hung Lin, and Joseph Maciejko	
“Magnetic monopole” condensation of the pyrochlore ice U(1) quantum spin liquid: Application to Pr ₂ Ir ₂ O ₇ and Yb ₂ Ti ₂ O ₇ (14 pages)	205107
Gang Chen	

(Continued)

CONTENTS - Continued

PHYSICAL REVIEW B

THIRD SERIES, VOLUME 94, NUMBER 20

NOVEMBER 2016-15(II)

Drude weight fluctuations in many-body localized systems (5 pages)	201112(R)
Michele Filippone, Piet W. Brouwer, Jens Eisert, and Felix von Oppen	
Possible SU(3) chiral spin liquid on the kagome lattice (5 pages)	201113(R)
Ying-Hai Wu and Hong-Hao Tu	
Hidden multipolar orders of dipole-octupole doublets on a triangular lattice (6 pages)	201114(R)
Yao-Dong Li, Xiaoqun Wang, and Gang Chen	
Concurrent magnetic and structural reconstructions at the interface of (111)-oriented La _{0.7} Sr _{0.3} MnO ₃ /LaFeO ₃ (6 pages)	201115(R)
I. Hallsteinsen, M. Moreau, A. Grutter, M. Nord, P.-E. Vullum, D. A. Gilbert, T. Bolstad, J. K. Grepstad, R. Holmestad, S. M. Selbach, A. T. N'Diaye, B. J. Kirby, E. Arenholz, and T. Tybell	
Many-body localization in system with a completely delocalized single-particle spectrum (5 pages)	201116(R)
Yevgeny Bar Lev, David R. Reichman, and Yoav Sagi	
Measurement of the topological surface state optical conductance in bulk-insulating Sn-doped Bi _{1.1} Sb _{0.9} Te ₂ S single crystals (5 pages)	201117(R)
Bing Cheng, Liang Wu, S. K. Kushwaha, R. J. Cava, and N. P. Armitage	
Enhancement of electron hot spot relaxation in photoexcited plasmonic structures by thermal diffusion (5 pages)	201118(R)
F. Spitzer, B. A. Glavin, V. I. Belotelov, J. Vondran, I. A. Akimov, S. Kasture, V. G. Achanta, D. R. Yakovlev, and M. Bayer	
Tracking local magnetic dynamics via high-energy charge excitations in a relativistic Mott insulator (5 pages) . . .	201119(R)
N. Nembrini, S. Peli, F. Banfi, G. Ferrini, Yogesh Singh, P. Gegenwart, R. Comin, K. Foyevtsova, A. Damascelli, A. Avella, and C. Giannetti	
Collective transport of charges in charge density wave systems based on traveling soliton lattices (4 pages)	201120(R)
A. Rojo-Bravo, V. L. R. Jacques, and D. Le Bolloc'h	
Nearly-free-electron system of monolayer Na on the surface of single-crystal HfSe ₂ (5 pages)	201121(R)
T. Eknapakul, I. Fongkaew, S. Siriraj, R. Vidyasagar, J. D. Denlinger, L. Bawden, S.-K. Mo, P. D. C. King, H. Takagi, S. Limpijumnong, and W. Meevasana	
Semiconductors I: bulk	
Ab initio electron mobility and polar phonon scattering in GaAs (6 pages)	201201(R)
Jin-Jian Zhou and Marco Bernardi	
Semiconductors II: surfaces, interfaces, microstructures, and related topics	
Full Stark control of polariton states on a spin-orbit hypersphere (5 pages)	201301(R)
Feng Li, E. Cancellieri, G. Buonaiuto, M. S. Skolnick, D. N. Krizhanovskii, and D. M. Whittaker	
Surface physics, nanoscale physics, low-dimensional systems	
Reconstruction-induced trefoil knot Fermi contour of Au(111) (5 pages)	201401(R)
Maciej Dendzik, Marco Bianchi, Matteo Michiardi, Charlotte E. Sanders, and Philip Hofmann	
Crossover to the anomalous quantum regime in the extrinsic spin Hall effect of graphene (5 pages)	201402(R)
Mirco Millettari and Aires Ferreira	

(Continued)

RAPID COMMUNICATIONS

Electronic structure and strongly correlated systems

- Phase diagram and correlation functions of the two-dimensional dissipative quantum XY model (5 pages) 201101(R)
Changtao Hou and Chandra M. Varma
- Distinct magnetic spectra in the hidden order and antiferromagnetic phases in $\text{URu}_{2-x}\text{Fe}_x\text{Si}_2$ (5 pages) 201102(R)
Nicholas P. Butch, Sheng Ran, Inho Jeon, Noravee Kanchanavatee, Kevin Huang, Alexander Breindel,
M. Brian Maple, Ryan L. Stillwell, Yang Zhao, Leland Harriger, and Jeffrey W. Lynn
- Exceptional points in three-dimensional plasmonic nanostructures (5 pages) 201103(R)
Ashok Kodigala, Thomas Lepetit, and Boubacar Kanté
- Proposed two-dimensional topological insulator in SiTe (6 pages) 201104(R)
Yandong Ma, Liangzhi Kou, Ying Dai, and Thomas Heine
- Reservoir-induced Thouless pumping and symmetry-protected topological order in open quantum chains (5 pages) 201105(R)
D. Linzner, L. Wawer, F. Grusdt, and M. Fleischhauer
- ☞ When strong correlations become weak: Consistent merging of *GW* and DMFT (5 pages) 201106(R)
L. Boehnke, F. Nilsson, F. Aryasetiawan, and P. Werner
- Evidence for unidirectional nematic bond ordering in FeSe (6 pages) 201107(R)
M. D. Watson, T. K. Kim, L. C. Rhodes, M. Eschrig, M. Hoesch, A. A. Haghighirad, and A. I. Coldea
- Distinct surface and bulk charge density waves in ultrathin 1T-TaS₂ (6 pages) 201108(R)
Rui He, Junichi Okamoto, Zhipeng Ye, Gaihua Ye, Heidi Anderson, Xia Dai, Xianxin Wu, Jiangping Hu,
Yu Liu, Wenjian Lu, Yuping Sun, Abhay N. Pasupathy, and Adam W. Tsien
- Orbital-differentiated coherence-incoherence crossover identified by photoemission spectroscopy
in LiFeAs (6 pages) 201109(R)
H. Miao, Z. P. Yin, S. F. Wu, J. M. Li, J. Ma, B.-Q. Lv, X. P. Wang, T. Qian, P. Richard, L.-Y. Xing,
X.-C. Wang, C. Q. Jin, K. Haule, G. Kotliar, and H. Ding
- Spin dynamics of counterrotating Kitaev spirals via duality (5 pages) 201110(R)
Itamar Kimchi and Radu Coldea
- Spin liquid and quantum phase transition without symmetry breaking in a frustrated three-dimensional Ising
model (4 pages) 201111(R)
Julia Röchner, Leon Balents, and Kai Phillip Schmidt

