

CONTENTS - *Continued*

PHYSICAL REVIEW B

THIRD SERIES, VOLUME 100, NUMBER 23

DECEMBER 2019-15(I)

Self-assembled Ag(111) nanostructures induced by Fermi surface nesting (<i>5 pages</i>)	235447
Timothy E. Kidd, Evan O’Leary, Aaron Anderson, Skylar Scott, and Andrew J. Stollenwerk	
Near-field analysis of strong coupling between localized surface plasmons and excitons (<i>6 pages</i>)	235448
Nadav Fain, Tal Ellenbogen, and Tal Schwartz	
Two-dimensional electron gas in a metal/amorphous oxide interface with spin-orbit interaction (<i>11 pages</i>)	235449
Jose Manuel Flores-Camacho, Jorge Puebla, Florent Auvray, Alfonso Lastras-Martínez, Yoshichika Otani, and Raul Eduardo Balderas-Navarro	
Measurement of near-field thermal emission spectra using an internal reflection element (<i>6 pages</i>)	235450
Saman Zare, Carl P. Tripp, and Sheila Edalatpour	
Optical Hall effect and gyrotropy of surface polaritons in Weyl semimetals (<i>8 pages</i>)	235451
Qianfan Chen, Maria Erukhimova, Mikhail Tokman, and Alexey Belyanin	
Floquet engineering with particle swarm optimization: Maximizing topological invariants (<i>10 pages</i>)	235452
Shikun Zhang and Jiangbin Gong	
Controlling spins with surface magnon polaritons (<i>11 pages</i>)	235453
Jamison Sloan, Nicholas Rivera, John D. Joannopoulos, Ido Kaminer, and Marin Soljačić	
Effects of transition metal spacers on spin-orbit torques, spin Hall magnetoresistance, and magnetic anisotropy of Pt/Co bilayers (<i>10 pages</i>)	235454
Can Onur Avci, Geoffrey S. D. Beach, and Pietro Gambardella	
Fermion parity switches of the ground state of Majorana billiards (<i>11 pages</i>)	235455
Barış Pekerten, A. Mert Bozkurt, and İnanç Adagideli	

CONTENTS - Continued

PHYSICAL REVIEW B

THIRD SERIES, VOLUME 100, NUMBER 23

DECEMBER 2019-15(I)

Fluctuation-induced potential for an impurity in a semi-infinite one-dimensional Bose gas (6 pages)	235431
Benjamin Reichert, Aleksandra Petković, and Zoran Ristivojevic	
Time-dependent Green's function approach to spin transport assisted by nonclassical light (12 pages)	235432
M. X. Bi, X. H. Yan, Y. Xiao, and Hong Guo	
Hanbury Brown and Twiss exchange correlations in a graphene box (9 pages)	235433
Teemu Elo, Zhenbing Tan, Ciprian Padurariu, Fabian Duerr, Dmitry S. Golubev, Gordey B. Lesovik, and Pertti Hakonen	
Terahertz radiation, circular dichroism, and optical activity of a Rashba quantum ring subjected to a static electric field (10 pages)	235434
Omid Sharifi Sedeh and MirFaez Miri	
$\mathcal{PT}$ -symmetry-protected Dirac states in strain-induced hidden MoS ₂ monolayer (7 pages)	235435
Meiling Xu, Guohui Zhan, Siyu Liu, Dongqin Zhang, Xin Zhong, Ziyang Qu, Yinwei Li, Aijun Du, Haijun Zhang, and Yanchao Wang	
Constructing convex energy landscapes for atomistic structure optimization (8 pages)	235436
Siva Chiriki, Mads-Peter V. Christiansen, and B. Hammer	
Quantum oscillations in a two-dimensional electron system under low-frequency microwave irradiation (5 pages)	235437
Jian Mi, Huiying Liu, Junren Shi, L. N. Pfeiffer, K. W. West, K. W. Baldwin, and Chi Zhang	
Tailoring light-matter interaction in WS ₂ -gold nanoparticles hybrid systems (7 pages)	235438
Tara Shankar Bhattacharya, Sreemanta Mitra, Shib Shankar Singha, Prasanna Kumar Mondal, and Achintya Singha	
Comparison of dispersion-corrected exchange-correlation functionals using atomic orbitals (11 pages)	235439
Aleksandr V. Terentjev, Lucian A. Constantin, Emilio Artacho, and J. M. Pitarke	
DFT study of itinerant ferromagnetism in <i>p</i> -doped monolayers of MoS ₂ (24 pages)	235440
Yuqiang Gao, Nirmal Ganguli, and Paul J. Kelly	
Mode-conversion effects of phonons on Anderson localization (10 pages)	235441
Tatsuya Yoshihiro and Norihiko Nishiguchi	
Efficient and tunable Aharonov-Bohm quantum heat engine (9 pages)	235442
Géraldine Haack and Francesco Giazotto	
Multifrequency superscattering with high <i>Q</i> factors from a deep-subwavelength spoof plasmonic structure (10 pages)	235443
Hong-Wei Wu, Yu Fang, Jia-Qi Quan, Yi-Zeng Han, Yun-Qiao Yin, Yang Li, and Zong-Qiang Sheng	
Spontaneous topological transitions in a honeycomb lattice of exciton-polariton condensates due to spin bifurcations (5 pages)	235444
H. Sigurdsson, Y. S. Krivosenko, I. V. Iorsh, I. A. Shelykh, and A. V. Nalitov	
Interfacial coupling induced critical thickness for the ferroelectric bistability of two-dimensional ferromagnet/ferroelectric van der Waals heterostructures (8 pages)	235445
Xiaokun Huang, Guannan Li, Chao Chen, Xin Nie, Xiangping Jiang, and Jun-Ming Liu	
Disorder-induced suppression of charge density wave order: STM study of Pd-intercalated ErTe ₃ (9 pages)	235446
Alan Fang, Joshua A. W. Straquadine, Ian R. Fisher, Steven A. Kivelson, and Aharon Kapitulnik	

(Continued)

Effect of nuclear quadrupole interaction on spin beats in photoluminescence polarization dynamics of charged excitons in InP/(In,Ga)P quantum dots (7 pages)	235415
S. V. Nekrasov, I. A. Akimov, Yu. G. Kusrayev, D. R. Yakovlev, and M. Bayer	
Structural evolution and the role of native defects in subnanometer MoS nanowires (8 pages)	235416
Daniel F. Souza, Andréia L. Rosa, Pedro Venezuela, José E. Padilha, Adalberto Fazzio, and Renato B. Pontes	
Electric field tuning of excitonic fine-structure splitting in asymmetric InAs/InP nanowire quantum dot molecules (13 pages)	235417
Michał Świdorski and Michał Zieliński	
Polaritonic contribution to the Casimir energy between two graphene layers (8 pages)	235418
C. H. Egerland, K. Busch, and F. Intravaia	
Effects of spin-dependent electronic correlations on surface states in topological insulators (9 pages)	235419
Z. Toklikishvili, L. Chotorlishvili, S. Stagraczyński, V. K. Dugaev, A. Ernst, J. Barnaś, and J. Berakdar	
Single anisotropic gap superconductivity and proximity effect in PbTaSe ₂ (8 pages)	235420
Chao-Sheng Lian, Chen Si, and Wenhui Duan	
Near-field resonances in photon emission via interaction of electrons with coupled nanoparticles (6 pages)	235421
A. A. Tishchenko and D. Yu. Sergeeva	
Plasmon oscillations in two-dimensional arrays of ultranarrow graphene nanoribbons (19 pages)	235422
A. Sindona, M. Pisarra, S. Bellucci, T. Tene, M. Guevara, and C. Vacacela Gomez	
Layer and orbital interference effects in photoemission from transition metal dichalcogenides (9 pages)	235423
Habib Rostami, Klara Volckaert, Nicola Lanata, Sanjoy K. Mahatha, Charlotte E. Sanders, Marco Bianchi, Daniel Lizzit, Luca Bignardi, Silvano Lizzit, Jill A. Miwa, Alexander V. Balatsky, Philip Hofmann, and Søren Ulstrup	
Attractive electron-electron interactions from internal screening in magic-angle twisted bilayer graphene (13 pages)	235424
Zachary A. H. Goodwin, Fabiano Corsetti, Arash A. Mostofi, and Johannes Lischner	
Single-particle-picture breakdown in laterally weakly confining GaAs quantum dots (9 pages)	235425
Daniel Huber, Barbara Ursula Lehner, Diana Csontosová, Marcus Reindl, Simon Schuler, Saimon Filipe Covre da Silva, Petr Klenovský, and Armando Rastelli	
Correlation of shear forces and heat conductance in nanoscale junctions (6 pages)	235426
Benjamin J. Robinson, Manuel E. Pumarol, and Oleg V. Kolosov	
Nonunique connection between bulk topological invariants and surface physics (11 pages)	235427
Corentin Morice, Thilo Kopp, and Arno P. Kampf	
Fast and accurate Cooper pair pump (11 pages)	235428
Paolo A. Erdman, Fabio Taddei, Joonas T. Peltonen, Rosario Fazio, and Jukka P. Pekola	
Optical absorption and energy loss spectroscopy of single-walled carbon nanotubes (13 pages)	235429
María Rosa Preciado-Rivas, Victor Alexander Torres-Sánchez, and Duncan J. Mowbray	
Fluctuating-time and full counting statistics for quantum transport in a system with internal telegraphic noise (12 pages)	235430
Samuel L. Rudge and Daniel S. Kosov	

(Continued)

Gate-tunable h/e -period magnetoresistance oscillations in $\text{Bi}_2\text{O}_2\text{Se}$ nanowires (6 pages)	235307
Jianghua Ying, Guang Yang, Zhaozheng Lyu, Guangtong Liu, Zhongqing Ji, Jie Fan, Changli Yang, Xiunian Jing, Huaixin Yang, Li Lu, and Fanming Qu	
Surface physics, nanoscale physics, low-dimensional systems	
Carbon nanotube array as a van der Waals two-dimensional hyperbolic material (9 pages)	235401
R. G. Polozkov, N. Y. Senkevich, S. Morina, P. Kuzhir, M. E. Portnoi, and I. A. Shelykh	
Ultraweak influence of strong magnetic field on electrical and thermal transport properties of a polycrystalline gold nanoribbon (8 pages)	235402
Tingting Miao, Dawei Li, Xueshen Wang, Weigang Ma, and Xing Zhang	
Electron transport properties of mirror twin grain boundaries in molybdenum disulfide: Impact of disorder (11 pages)	235403
Jejune Park, Kan-Hao Xue, Mireille Mouis, François Triozon, and Alessandro Cresti	
Electronic structure of Au-Sn compounds grown on Au(111) (14 pages)	235404
Pampa Sadhukhan, Sajal Barman, Tufan Roy, Vipin Kumar Singh, Shuvam Sarkar, Aparna Chakrabarti, and Sudipta Roy Barman	
Quantum oscillations of thermopower in WTe_2 thin films (6 pages)	235405
Ran Bi, Zili Feng, Xinqi Li, Jiayi Zhao, Juewen Fan, Youguo Shi, Dapeng Yu, and Xiaosong Wu	
Charge and spin textures of Ising quantum Hall ferromagnet domain walls (10 pages)	235406
Jeroen Danon, Ajit C. Balram, Samuel Sánchez, and Mark S. Rudner	
Electrically tunable chiral Majorana edge modes in quantum anomalous Hall insulator–topological superconductor systems (13 pages)	235407
Qing Yan, Yan-Feng Zhou, and Qing-Feng Sun	
Analytical approximations for the dispersion of electromagnetic modes in slabs of biaxial crystals (11 pages)	235408
Gonzalo Álvarez-Pérez, Kirill V. Voronin, Valentyn S. Volkov, Pablo Alonso-González, and Alexey Y. Nikitin	
Alternative derivation of Mie theory with electromagnetic potentials for diffuse particles (10 pages)	235409
M. Houtput, N. Van den Broeck, F. Brosens, M. Morshed Behbahani, and J. Tempere	
Mechanical rotation via optical pumping of paramagnetic impurities (8 pages)	235410
Pablo R. Zangara, Alexander Wood, Marcus W. Doherty, and Carlos A. Meriles	
Observation of charge transfer in mixed-dimensional heterostructures formed by transition metal dichalcogenide monolayers and PbS quantum dots (8 pages)	235411
Peymon Zereszki, Mohammad Mahdi Tavakoli, Pavel Valencia-Acuna, Ji-Hoon Park, Jing Kong, and Hui Zhao	
Realistic indirect spin interactions between magnetic impurities on a metallic $\text{Pb}(110)$ surface (9 pages)	235412
Alejandro Rébola and Alejandro M. Lobos	
Kondo effect in a Aharonov-Casher interferometer (7 pages)	235413
A. V. Parafilo, L. Y. Gorelik, M. N. Kiselev, H. C. Park, and R. I. Shekhter	
Enhanced shot noise at bilayer graphene–superconductor junction (6 pages)	235414
Manas Ranjan Sahu, Arup Kumar Paul, Abhiram Soori, K. Watanabe, T. Taniguchi, Subroto Mukerjee, and Anindya Das	

(Continued)

Global phase diagram of the one-dimensional Sachdev-Ye-Kitaev model at finite N (8 pages)	235144
Xin Dai, Shao-Kai Jian, and Hong Yao	
Flat bands and nontrivial topological properties in an extended Lieb lattice (9 pages)	235145
Ankita Bhattacharya and Biplab Pal	
Dynamics of charge-resolved entanglement after a local quench (13 pages)	235146
Noa Feldman and Moshe Goldstein	
Suppression of hybridization by Cd doping in CeCoIn_5 (7 pages)	235148
Q. Y. Chen, F. Ronning, E. D. Bauer, C. H. P. Wen, Y. B. Huang, and D. L. Feng	
Coupled electron-impurity and electron-phonon systems as trivial non-Fermi liquids (13 pages)	235149
Donovan Buterakos and Sankar Das Sarma	
Self-dual $\nu = 1$ bosonic quantum Hall state in mixed-dimensional QED (8 pages)	235150
Wei-Han Hsiao and Dam Thanh Son	
Semiconductors I: bulk	
Generalized triple-component fermions: Lattice model, Fermi arcs, and anomalous transport (16 pages)	235201
Snehasish Nandy, Sourav Manna, Dumitru Călugăru, and Bitan Roy	
Electronic energy band parameters of CuInSe_2 : Landau levels in magnetotransmission spectra (7 pages)	235202
M. V. Yakushev, A. V. Rodina, R. P. Seisyan, Yu. E. Kitaev, S. A. Vaganov, M. A. Abdullaev, A. V. Mudryi, T. V. Kuznetsova, C. Faugeras, and R. W. Martin	
Mechanism of resonant enhancement of electron drift in nanometer semiconductor superlattices subjected to electric and inclined magnetic fields (25 pages)	235203
Stanislav M. Soskin, Igor A. Khovanov, and Peter V. E. McClintock	
Semiconductors II: surfaces, interfaces, microstructures, and related topics	
Impact of alloy disorder on Auger recombination in single InGaN/GaN core-shell microrods (7 pages)	235301
W. Liu, G. Rossbach, A. Avramescu, T. Schimpke, H.-J. Lugauer, M. Strassburg, C. Mounir, U. T. Schwarz, B. Deveaud, and G. Jacopin	
Second-order topological phases protected by chiral symmetry (9 pages)	235302
Ryo Okugawa, Shin Hayashi, and Takeshi Nakanishi	
Triple sum frequency pump-probe spectroscopy of transition metal dichalcogenides (16 pages)	235303
Darien J. Morrow, Daniel D. Kohler, Yuzhou Zhao, Song Jin, and John C. Wright	
Defect calculations with hybrid functionals in layered compounds and in slab models (8 pages)	235304
Peter Deák, Elham Khorasani, Michael Lorke, Meisam Farzalipour-Tabriz, Bálint Aradi, and Thomas Frauenheim	
Carrier recombination mechanism in CsPbBr_3 revealed by time-resolved photoluminescence spectroscopy (9 pages)	235305
J. A. Peters, Zhifu Liu, Ruihan Yu, K. M. McCall, Yihui He, M. G. Kanatzidis, and B. W. Wessels	
Tunneling spectroscopy of an indium adatom precisely manipulated on the cross-sectional surface of InAs/GaSb quantum structures (7 pages)	235306
Kyoichi Suzuki, Koji Onomitsu, and Kiyoshi Kanisawa	

(Continued)

Substituent effects on the Su-Schrieffer-Heeger electron-phonon coupling in conjugated polyenes (9 pages)	235129
Oliver Stauffert, Michael Walter, Mona Berciu, and Roman V. Krems	
Critical properties of the Néel–algebraic-spin-liquid transition (25 pages)	235130
Nikolai Zerf, Rufus Boyack, Peter Marquard, John A. Gracey, and Joseph Maciejko	
Flux-induced topological superconductor in planar Josephson junction (9 pages)	235131
Jie Liu, Yijia Wu, Qing-Feng Sun, and X. C. Xie	
Optical and photoemission investigation of structural and magnetic transitions in the iron-based superconductor $\text{Sr}_{0.67}\text{Na}_{0.33}\text{Fe}_2\text{As}_2$ (11 pages)	235132
R. Yang, J. W. Huang, N. Zaki, I. Pletikosić, Y. M. Dai, H. Xiao, T. Valla, P. D. Johnson, X. J. Zhou, X. G. Qiu, and C. C. Homes	
Pressure-driven valence increase and metallization in the Kondo insulator $\text{Ce}_3\text{Bi}_4\text{Pt}_3$ (8 pages)	235133
Daniel J. Campbell, Zachary E. Brubaker, Connor Roncaioli, Prathum Saraf, Yuming Xiao, Paul Chow, Curtis Kenney-Benson, Dmitry Popov, Rena J. Zieve, Jason R. Jeffries, and Johnpierre Paglione	
Effective model of one-dimensional extended Hubbard systems: Application to linear optical spectrum calculations in large systems based on many-body Wannier functions (15 pages)	235134
S. Ohmura, A. Takahashi, K. Iwano, T. Yamaguchi, K. Shinjo, T. Tohyama, S. Sota, and H. Okamoto	
Experimental investigation of the suppressed superconducting gap and double-resonance mode in $\text{Ba}_{1-x}\text{K}_x\text{Fe}_2\text{As}_2$ (7 pages)	235135
S. Ideta, N. Murai, M. Nakajima, R. Kajimoto, and K. Tanaka	
Intertwined magnetic, structural, and electronic transitions in V_2O_3 (7 pages)	235136
Benjamin A. Frandsen, Yoav Kalcheim, Ilya Valmianski, Alexander S. McLeod, Z. Guguchia, Sky C. Cheung, Alannah M. Hallas, Murray N. Wilson, Yipeng Cai, Graeme M. Luke, Z. Salman, A. Suter, T. Prokscha, Taito Murakami, Hiroshi Kageyama, D. N. Basov, Ivan K. Schuller, and Yasutomo J. Uemura	
Higher-order topological insulators in a crisscross antiferromagnetic model (5 pages)	235137
Jinyu Zou, Zhuoran He, and Gang Xu	
 Shift current from electromagnon excitations in multiferroics (7 pages)	235138
Takahiro Morimoto and Naoto Nagaosa	
Evidence of structural evolution in Sr_2RhO_4 studied by time-resolved optical reflectivity spectroscopy (5 pages)	235139
Min-Cheol Lee, Inho Kwak, Choong H. Kim, Bumjoo Lee, Byung Cheol Park, Junyoung Kwon, Wonshik Kyung, Changyoung Kim, Tae Won Noh, and Kyungwan Kim	
Cumulants and scaling functions of infinite matrix product states (23 pages)	235140
Jason C. Pillay and Ian P. McCulloch	
Fermion decoration construction of symmetry-protected trivial order for fermion systems with any symmetry and in any dimension (46 pages)	235141
Tian Lan, Chenchang Zhu, and Xiao-Gang Wen	
Emergence of a metallic metastable phase induced by electrical current in Ca_2RuO_4 (9 pages)	235142
C. Cirillo, V. Granata, G. Avallone, R. Fittipaldi, C. Attanasio, A. Avella, and A. Vecchione	
Emergence and spectral-weight transfer of electronic states in the Hubbard ladder (10 pages)	235143
Masanori Kohno	

(Continued)

Interplay of structure and charge order revealed by quantum oscillations in thin films of $\text{Pr}_2\text{CuO}_{4\pm\delta}$ (8 pages)	235111
Nicholas P. Breznay, Ian M. Hayes, Nityan L. Nair, Toni Helm, James G. Analytis, Ross D. McDonald, Zengwei Zhu, Yoshiharu Krockenberger, Hiroshi Irie, Hideki Yamamoto, K. A. Modic, Alex Frano, Padraic Shafer, and Elke Arenholz	
Relating bulk to boundary entanglement (17 pages)	235112
Clément Berthiere and William Witczak-Krempa	
Effective exchange interactions for bad metals and implications for iron-based superconductors (7 pages)	235113
Wenxin Ding, Rong Yu, Qimiao Si, and Elihu Abrahams	
<i>Ab initio</i> prediction of a two-dimensional variant of the iridate IrO_2 (6 pages)	235114
Andriy Smolyanyuk, Markus Aichhorn, I. I. Mazin, and Lilia Boeri	
Anisotropic layer construction of anisotropic fracton models (13 pages)	235115
Yohei Fuji	
Capturing the dynamics of Wigner crystals within the phase-field crystal method (9 pages)	235116
Salvador Valtierra Rodriguez, Nan Wang, Nana Ofori-Opoku, Nikolas Provatas, and Kirk H. Bevan	
Multiband nonequilibrium $\text{GW} + \text{EDMFT}$ formalism for correlated insulators (16 pages)	235117
Denis Golež, Martin Eckstein, and Philipp Werner	
Tensor renormalization group centered about a core tensor (8 pages)	235118
Wangwei Lan and Glen Evenbly	
Controlling spontaneous emission via electronic correlations and temperature in transparent oxides (6 pages)	235119
M. B. Silva Neto and F. A. Pinheiro	
Vanadium trimers randomly aligned along the c -axis direction in layered LiVO_2 (5 pages)	235120
K. Kojima, N. Katayama, S. Tamura, M. Shiomi, and H. Sawa	
Hydrodynamic Coulomb drag and bounds on diffusion (9 pages)	235121
Tobias Holder	
 Fractional topological insulator precursors in spin-orbit fermion ladders (40 pages)	235122
Raul A. Santos and Benjamin Béri	
Correlated electronic structure, orbital-dependent correlations, and Lifshitz transition in tetragonal FeS (13 pages)	235123
S. L. Skornyakov and I. Leonov	
Self-duality of the integer quantum Hall to insulator transition: Composite fermion description (13 pages)	235124
Prashant Kumar, Yong Baek Kim, and S. Raghu	
Fate of quantum shock waves at late times (9 pages)	235125
Thomas Veness and Leonid I. Glazman	
Electric-field control of spin transitions in molecular compounds (9 pages)	235126
O. I. Utesov, S. Burdin, P. Rosa, M. Gonidec, L. Poggini, and S. V. Andreev	
Quaternary Jordan-Wigner mapping and topological extended-kink phase in the interacting Kitaev ring (11 pages)	235127
Zhen-Yu Zheng, Han-Chuan Kou, and Peng Li	
Interaction distance in the extended XXZ model (11 pages)	235128
Kristian Patrick, Vincent Caudrelier, Zlatko Papić, and Jiannis K. Pachos	

(Continued)

ARTICLES

Electronic structure and strongly correlated systems

- Saddle-point Van Hove singularity and dual topological state in Pt_2HgSe_3 (8 pages) 235101
Barun Ghosh, Sougata Mardanya, Bahadur Singh, Xiaoting Zhou, Baokai Wang, Tay-Rong Chang,
Chenliang Su, Hsin Lin, Amit Agarwal, and Arun Bansil
- Stability of disordered topological superconducting phases in magnet-superconductor hybrid
systems (9 pages) 235102
Eric Mascot, Chaitra Agrahar, Stephan Rachel, and Dirk K. Morr
- Nonclassicality of spin structures in condensed matter: An analysis of $\text{Sr}_{14}\text{Cu}_{24}\text{O}_{41}$ (7 pages) 235103
Wen Yu Kon, Tanjung Krisnanda, Pinaki Sengupta, and Tomasz Paterek
- ☞ Many-body chaos in the antiferromagnetic quantum critical metal (15 pages) 235104
Peter Lunts and Aavishkar A. Patel
- Positive longitudinal spin magnetoconductivity in $\mathbb{Z}_2$ topological Dirac semimetals (7 pages) 235105
Ming-Xun Deng, Yan-Yan Yang, Wei Luo, R. Ma, Chang-Yong Zhu, Rui-Qiang Wang,
L. Sheng, and D. Y. Xing
- Ensemble Green's function theory for interacting electrons with degenerate ground states (6 pages) 235106
E. Linnér and F. Aryasetiawan
- Dynamical charge susceptibility in the Hubbard model (6 pages) 235107
Xinyang Dong, Xi Chen, and Emanuel Gull
- Helicity-dependent photocurrent of the top and bottom Dirac surface states of epitaxial thin films
of three-dimensional topological insulators Sb_2Te_3 (9 pages) 235108
Jinling Yu, Kejing Zhu, Xiaolin Zeng, Lei Chen, Yonghai Chen, Yu Liu, Chunming Yin,
Shuying Cheng, Yunfeng Lai, Jin Huang, Ke He, and Qikun Xue
- Superconductivity induced at a point contact on the topological semimetal tungsten carbide (6 pages) 235109
Xing-yuan Hou, Zong Wang, Ya-dong Gu, Jun-bao He, Dong Chen, Wen-liang Zhu, Meng-di Zhang,
Fan Zhang, Yuan-feng Xu, Shuai Zhang, Huai-xin Yang, Zhi-an Ren, Hong-ming Weng, Ning Hao,
Wen-gang Lv, Jiang-ping Hu, Gen-fu Chen, and Lei Shan
- Influence of Rashba spin-orbit coupling on the $0-\pi$ transition and Kondo temperature in one-dimensional
superconductors (10 pages) 235110
Ignacio J. Hamad, Franco T. Lisandrini, Claudio J. Gazza, and Alejandro M. Lobos

