

CONTENTS - *Continued*

PHYSICAL REVIEW B

THIRD SERIES, VOLUME 97, NUMBER 7

FEBRUARY 2018-15(I)

Temperature dependence of the coherence in polariton condensates (6 pages)	075442
E. Rozas, M. D. Martín, C. Tejedor, L. Viña, G. Deligeorgis, Z. Hatzopoulos, and P. G. Savvidis	

COMMENTS

Comment on “Comparative study of <i>ab initio</i> nonradiative recombination rate calculations under different formalisms” (3 pages)	077301
Darshana Wickramaratne, Jimmy-Xuan Shen, Audrius Alkauskas, and Chris G. Van de Walle	
Reply to “Comment on ‘Comparative study of <i>ab initio</i> nonradiative recombination rate calculations under different formalisms’ ” (4 pages)	077302
Lin Shi, Ke Xu, and Lin-Wang Wang	

ERRATA

Erratum: Quantum mechanical prediction of four-phonon scattering rates and reduced thermal conductivity of solids [Phys. Rev. B 93 , 045202 (2016)] (1 page)	079901(E)
Tianli Feng and Xiulin Ruan	
Erratum: Impact of doping on the density of states and the mobility in organic semiconductors [Phys. Rev. B 93 , 235203 (2016)] (1 page)	079902(E)
Guangzheng Zuo, Hassan Abdalla, and Martijn Kemerink	
Publisher’s Note: Extreme magnetoresistance in the topologically trivial lanthanum monpnictide LaAs [Phys. Rev. B 96 , 235128 (2017)] (1 page)	079903(E)
H.-Y. Yang, T. Nummy, H. Li, S. Jaszewski, M. Abramchuk, D. S. Dessau, and Fazel Tafti	
Publisher’s Note: Machine learning $\mathbb{Z}_2$ quantum spin liquids with quasiparticle statistics [Phys. Rev. B 96 , 245119 (2017)] (1 page)	079904(E)
Yi Zhang, Roger G. Melko, and Eun-Ah Kim	
Erratum: Finite-temperature phase transition to a Kitaev spin liquid phase on a hyperoctagon lattice: A large-scale quantum Monte Carlo study [Phys. Rev. B 96 , 125124 (2017)] (1 page)	079905(E)
Petr A. Mishchenko, Yasuyuki Kato, and Yukitoshi Motome	
Publisher’s Note: Disentangling the role of small polarons and oxygen vacancies in CeO ₂ [Phys. Rev. B 95 , 245101 (2017)] (1 page)	079906(E)
Lu Sun, Xiaowei Huang, Ligen Wang, and Anderson Janotti	

CONTENTS - Continued

PHYSICAL REVIEW B

THIRD SERIES, VOLUME 97, NUMBER 7

FEBRUARY 2018-15(I)

Shaping charge excitations in chiral edge states with a time-dependent gate voltage (<i>18 pages</i>)	075426
Maciej Misiorny, Gwendal Fève, and Janine Splettstoesser	
Intersubband scattering in <i>n</i> -GaAs/AlGaAs wide quantum wells (<i>5 pages</i>)	075427
I. L. Drichko, I. Yu. Smirnov, M. O. Nestoklon, A. V. Suslov, D. Kamburov, K. W. Baldwin, L. N. Pfeiffer, K. W. West, and L. E. Golub	
Renormalization of single-ion magnetic anisotropy in the absence of the Kondo effect (<i>8 pages</i>)	075428
David Jacob	
Two-dimensional ferroelectric topological insulators in functionalized atomically thin bismuth layers (<i>7 pages</i>)	075429
Liangzhi Kou, Huixia Fu, Yandong Ma, Binghai Yan, Ting Liao, Aijun Du, and Changfeng Chen	
Peculiar bonding associated with atomic doping and hidden honeycombs in borophene (<i>5 pages</i>)	075430
Chi-Cheng Lee, Baojie Feng, Marie D'angelo, Ryu Yukawa, Ro-Ya Liu, Takahiro Kondo, Hiroshi Kumigashira, Iwao Matsuda, and Taisuke Ozaki	
Plasmonic modes in nanowire dimers: A study based on the hydrodynamic Drude model including nonlocal and nonlinear effects (<i>10 pages</i>)	075431
Matthias Moferdt, Thomas Kiel, Tobias Sproll, Francesco Intravaia, and Kurt Busch	
Third-order optical conductivity of an electron fluid (<i>9 pages</i>)	075432
Zhiyuan Sun, D. N. Basov, and M. M. Fogler	
Evolution of the broadband optical transition in large-area MoSe ₂ (<i>8 pages</i>)	075433
Jaehun Jeong, Yoon-Ho Choi, Kwangsik Jeong, Hanbum Park, Dasol Kim, and Mann-Ho Cho	
 Large spin relaxation anisotropy and valley-Zeeman spin-orbit coupling in WSe ₂ /graphene/ <i>h</i> -BN heterostructures (<i>10 pages</i>)	075434
Simon Zihlmann, Aron W. Cummings, Jose H. Garcia, Máté Kedves, Kenji Watanabe, Takashi Taniguchi, Christian Schönenberger, and Péter Makk	
Bias-induced modulation of ultrafast carrier dynamics in metallic single-walled carbon nanotubes (<i>6 pages</i>)	075435
Keisuke Maekawa, Kazuhiro Yanagi, Yasuo Minami, Masahiro Kitajima, Ikufumi Katayama, and Jun Takeda	
Optical tristability and ultrafast Fano switching in nonlinear magnetoplasmonic nanoparticles (<i>9 pages</i>)	075436
Wenjing Yu, Pujuan Ma, Hua Sun, Lei Gao, and Roman E. Noskov	
Exploring single-layered SnSe honeycomb polymorphs for optoelectronic and photovoltaic applications (<i>12 pages</i>)	075438
Bakhtiar Ul Haq, S. AlFaify, R. Ahmed, Faheem K. Butt, A. Laref, and Mohd. Shkir	
Beyond local effective material properties for metamaterials (<i>17 pages</i>)	075439
K. Mnasri, A. Khrabustovskyi, C. Stohrer, M. Plum, and C. Rockstuhl	
Dipolelike dynamical nuclear spin polarization around a quantum point contact (<i>16 pages</i>)	075440
Peter Stano, Tomosuke Aono, and Minoru Kawamura	
Effect of confinement on anharmonic phonon scattering and thermal conductivity in pristine silicon nanowires (<i>7 pages</i>)	075441
Zahid Rashid, Liyan Zhu, and Wu Li	

(Continued)

CONTENTS - *Continued*

PHYSICAL REVIEW B

THIRD SERIES, VOLUME 97, NUMBER 7

FEBRUARY 2018-15(I)

Optothermal response of a single silicon nanotip (<i>11 pages</i>)	075409
A. Vella, D. Shinde, J. Houard, E. Silaeva, L. Arnoldi, I. Blum, L. Rigutti, E. Pertreux, P. Maioli, A. Crut, and N. Del Fatti	
Origins of emergent high- T_c ferroelectric ordering in heteroepitaxial ice films: Sum-frequency generation vibrational spectroscopy of H_2O and D_2O ice films on Pt(111) (<i>21 pages</i>)	075410
Norihiro Aiga, Toshiki Sugimoto, Yuji Otsuki, Kazuya Watanabe, and Yoshiyasu Matsumoto	
Density matrix approach to photon-assisted tunneling in the transfer Hamiltonian formalism (<i>9 pages</i>)	075411
Paul S. Davids and Joshua Shank	
Geometric rectification for nanoscale vibrational energy harvesting (<i>9 pages</i>)	075412
Raúl A. Bustos-Marín	
Berry phase of adiabatic electronic configurations in fullerene anions (<i>7 pages</i>)	075413
Naoya Iwahara	
Quantum transport in defective phosphorene nanoribbons: Effects of atomic vacancies (<i>10 pages</i>)	075414
L. L. Li and F. M. Peeters	
Cyclotron resonance of the magnetic ratchet effect and second harmonic generation in bilayer graphene (<i>11 pages</i>)	075415
Narjes Kheirabadi, Edward McCann, and Vladimir I. Fal'ko	
Many-body renormalization of Landau levels in graphene due to screened Coulomb interaction (<i>8 pages</i>)	075416
Alexey A. Sokolik and Yurii E. Lozovik	
Resonant scattering due to adatoms in graphene: Top, bridge, and hollow positions (<i>12 pages</i>)	075417
Susanne Irmer, Denis Kochan, Jeongsu Lee, and Jaroslav Fabian	
Role of first-neighbor geometry in the electronic and mechanical properties of atomic contacts (<i>9 pages</i>)	075418
C. Sabater, W. Dednam, M. R. Calvo, M. A. Fernández, C. Untiedt, and M. J. Caturla	
Topological phases of topological-insulator thin films (<i>12 pages</i>)	075419
Mahmoud M. Asmar, Daniel E. Sheehy, and Ilya Vekhter	
Impact of high-frequency pumping on anomalous finite-size effects in three-dimensional topological insulators (<i>6 pages</i>)	075420
Anastasiia A. Pervishko, Dmitry Yudin, and Ivan A. Shelykh	
Surface charge conductivity of a topological insulator in a magnetic field: The effect of hexagonal warping (<i>9 pages</i>)	075421
R. S. Akzyanov and A. L. Rakhmanov	
Long-distance near-field energy transport via propagating surface waves (<i>9 pages</i>)	075422
Jian Dong, Junming Zhao, and Linhua Liu	
Theoretical investigation of the band alignment of graphene on a polar $SrTiO_3$ (111) surface (<i>6 pages</i>)	075423
Donghan Shin and Alexander A. Demkov	
Stability of trions in coupled quantum wells modeled by two-dimensional bilayers (<i>6 pages</i>)	075424
O. Witham, R. J. Hunt, and N. D. Drummond	
Dark states in spin-polarized transport through triple quantum dot molecules (<i>12 pages</i>)	075425
K. Wrzeńniewski and I. Weymann	

(Continued)

Probing the magnetic field dependence of the light hole transition in GaAs/AlGaAs quantum wells using optically pumped NMR (9 pages)	075303
Matthew M. Willmering, Erika L. Sesti, Sophia E. Hayes, Ryan M. Wood, Clifford R. Bowers, Sunil K. Thapa, Christopher J. Stanton, Arneil P. Reyes, Philip Kuhns, and Stephen McGill	
Real-time observation of the coherent transition to a metastable emergent state in 1T-TaS ₂ (7 pages)	075304
Jan Ravník, Igor Vaskivskyi, Tomaz Mertelj, and Dragan Mihailovic	
Parity bifurcations in trapped multistable phase locked exciton-polariton condensates (10 pages)	075305
E. Z. Tan, H. Sigurdsson, and T. C. H. Liew	
Nonlinear conductance in weakly disordered mesoscopic wires: Interaction and magnetic field asymmetry (33 pages)	075306
Christophe Texier and Johannes Mitscherling	
Ultrafast transient photocarrier dynamics of the bulk-insulating topological insulator Bi _{1.5} Sb _{0.5} Te _{1.7} Se _{1.3} (6 pages)	075307
Young Gwan Choi, Chan June Zhung, Sun-Hee Park, Joonbum Park, Jun Sung Kim, Seongheun Kim, Jaehun Park, and J. S. Lee	
Influence of the quantum dot geometry on <i>p</i> -shell transitions in differently charged quantum dots (14 pages)	075308
M. Holtkemper, D. E. Reiter, and T. Kuhn	
In-plane nuclear field formation investigated in single self-assembled quantum dots (8 pages)	075309
S. Yamamoto, R. Matsusaki, R. Kaji, and S. Adachi	
Simulating quantum spin Hall effect in the topological Lieb lattice of a linear circuit network (9 pages)	075310
Weiwei Zhu, Shanshan Hou, Yang Long, Hong Chen, and Jie Ren	
Surface physics, nanoscale physics, low-dimensional systems	
Suppression of scattering in quantum confined 2D helical Dirac systems (10 pages)	075401
J. Dufouleur, E. Xypakis, B. Büchner, R. Giraud, and J. H. Bardarson	
Quantum model of gain in phonon-polariton lasers (9 pages)	075402
M. Franckić, C. Ndebeka-Bandou, K. Ohtani, and J. Faist	
Zero-bias anomaly in nanoscale hole-doped Mott insulators on a triangular silicon surface (11 pages)	075403
Fangfei Ming, Tyler S. Smith, Steven Johnston, Paul C. Snijders, and Hanno H. Weitering	
Suppressed compressibility of quantum Hall effect edge states in epitaxial graphene on SiC (9 pages)	075404
Sergey Slizovskiy and Vladimir I. Fal'ko	
Lifetime of surface plasmons (6 pages)	075405
G. D. Mahan	
☞ Time-dependent first-principles study of angle-resolved secondary electron emission from atomic sheets (7 pages)	075406
Yoshihiro Ueda, Yasumitsu Suzuki, and Kazuyuki Watanabe	
Magnetothermoelectric transport properties in phosphorene (8 pages)	075407
R. Ma, S. W. Liu, M. X. Deng, L. Sheng, D. Y. Xing, and D. N. Sheng	
Tunable hybridization of Majorana bound states at the quantum spin Hall edge (10 pages)	075408
Felix Keidel, Pablo Burset, and Björn Trauzettel	

(Continued)

CONTENTS - *Continued*

PHYSICAL REVIEW B

THIRD SERIES, VOLUME 97, NUMBER 7

FEBRUARY 2018-15(I)

Prediction of Raman spectra with DFT+ <i>U</i> method (7 pages)	075143
Kazutoshi Miwa	
☞ Electron spectral functions in a quantum dimer model for topological metals (12 pages)	075144
Sebastian Huber, Johannes Feldmeier, and Matthias Punk	
Surface field theories of point group symmetry protected topological phases (15 pages)	075145
Sheng-Jie Huang and Michael Hermele	
Emergent spin-1 trimerized valence bond crystal in the spin- $\frac{1}{2}$ Heisenberg model on the star lattice (6 pages)	075146
Shi-Ju Ran, Wei Li, Shou-Shu Gong, Andreas Weichselbaum, Jan von Delft, and Gang Su	
Rhombohedral Sb ₂ Se ₃ as an intrinsic topological insulator due to strong van der Waals interlayer coupling (7 pages)	075147
Guohua Cao, Huijun Liu, Jinghua Liang, Long Cheng, Dengdong Fan, and Zhenyu Zhang	
Electron-ion thermal equilibration dynamics in femtosecond heated warm dense copper (8 pages)	075148
N. Jourdain, L. Lecherbourg, V. Recoules, P. Renaudin, and F. Dorchies	
Tracing crystal-field splittings in the rare-earth-based intermetallic CeIrIn ₅ (7 pages)	075149
Q. Y. Chen, C. H. P. Wen, Q. Yao, K. Huang, Z. F. Ding, L. Shu, X. H. Niu, Y. Zhang, X. C. Lai, Y. B. Huang, G. B. Zhang, S. Kirchner, and D. L. Feng	
Complexity at simple interfaces: Dynamically generated deep trap states at the noble-metal/alkali-halide interface (7 pages)	075150
David E. Suich, Benjamin W. Caplins, Alex J. Shearer, and Charles B. Harris	
Dynamical Friedel oscillations of a Fermi sea (15 pages)	075151
J. M. Zhang and Y. Liu	
Semiconductors I: bulk	
<i>Ab initio</i> calculations of the concentration dependent band gap reduction in dilute nitrides (8 pages)	075201
Phil Rosenow, Lars C. Bannow, Eric W. Fischer, Wolfgang Stolz, Kerstin Volz, Stephan W. Koch, and Ralf Tonner	
Dynamical correlation functions and the related physical effects in three-dimensional Weyl/Dirac semimetals (19 pages)	075202
Jianhui Zhou and Hao-Ran Chang (张浩然)	
Full quantum treatment of charge dynamics in amorphous molecular semiconductors (10 pages)	075203
Xander de Vries, Pascal Friederich, Wolfgang Wenzel, Reinder Coehoorn, and Peter A. Bobbert	
Temperature dynamics of the electronic structure in dilute Bi-Sn alloys (15 pages)	075204
A. S. Fedotov, V. G. Shepelevich, I. A. Svito, and V. A. Sivakov	
Semiconductors II: surfaces, interfaces, microstructures, and related topics	
Screening effects on the optical properties of II-VI wurtzite ZnO/MgO quantum dots (7 pages)	075301
Seoung-Hwan Park and Doyeol Ahn	
Topological phase transition in the ternary half-Heusler alloy ZrIrBi (7 pages)	075302
C. K. Barman and Aftab Alam	

(Continued)

CONTENTS - *Continued*

PHYSICAL REVIEW B

THIRD SERIES, VOLUME 97, NUMBER 7

FEBRUARY 2018-15(I)

Pairing and chiral spin density wave instabilities on the honeycomb lattice: A comparative quantum Monte Carlo study (7 pages)	075127
Tao Ying and Stefan Wessel	
☞ Effects of non-Hermitian perturbations on Weyl Hamiltonians with arbitrary topological charges (10 pages)	075128
Alexander Cerjan, Meng Xiao, Luqi Yuan, and Shanhui Fan	
☞ Critical chiral Heisenberg model with the functional renormalization group (9 pages)	075129
Benjamin Knorr	
Single ferromagnetic fluctuations in UCoGe revealed by ^{73}Ge - and ^{59}Co -NMR studies (7 pages)	075130
Masahiro Manago, Kenji Ishida, and Dai Aoki	
Spin-density wave state in simple hexagonal graphite (9 pages)	075131
K. S. Mosoyan, A. V. Rozhkov, A. O. Sboyshakov, and A. L. Rakhmanov	
Surface spectra of Weyl semimetals through self-adjoint extensions (8 pages)	075132
Babak Seradjeh and Michael Vennetilli	
Realization of a scenario with two relaxation rates in the Hubbard Falicov-Kimball model (9 pages)	075133
H. Barman, M. S. Laad, and S. R. Hassan	
Thickness dependence and dimensionality effects on charge and magnetic orderings in $\text{La}_{1/3}\text{Sr}_{2/3}\text{FeO}_3$ thin films (6 pages)	075134
K. Yamamoto, Y. Hirata, M. Horio, Y. Yokoyama, K. Takubo, M. Minohara, H. Kumigashira, Y. Yamasaki, H. Nakao, Y. Murakami, A. Fujimori, and H. Wadati	
Chern-Simons theory and atypical Hall conductivity in the Varma phase (6 pages)	075135
Natália Menezes, Cristiane Morais Smith, and Giandomenico Palumbo	
Antilocalization at an oxide interface (13 pages)	075136
Patrick Seiler, Jone Zabaleta, Robin Wanke, Jochen Mannhart, Thilo Kopp, and Daniel Braak	
Topological phase transitions from Harper to Fibonacci crystals (10 pages)	075137
Guy Amit and Itzhack Dana	
Measurements of the NMR Knight shift tensor and nonlinear magnetization in URu_2Si_2 (5 pages)	075138
M. Lawson, B. T. Bush, T. Kissikov, Z. Brubaker, K. R. Shirer, J. R. Jeffries, S. Ran, I. Jeon, M. B. Maple, and N. J. Curro	
Efficient evaluation of nonlocal operators in density functional theory (9 pages)	075139
Ying-Chih Chen, Jing-Zhe Chen, Vincent Michaud-Rioux, Qing Shi, and Hong Guo	
Importance of nonlocal electron correlation in the BaNiS_2 semimetal from quantum oscillations studies (8 pages)	075140
Yannick Klein, Michele Casula, David Santos-Cottin, Alain Audouard, David Vignolles, Gwendal Fève, Vincent Freulon, Bernard Plaçais, Marine Verseils, Hancheng Yang, Lorenzo Paulatto, and Andrea Gauzzi	
Majorana quasiparticles in semiconducting carbon nanotubes (17 pages)	075141
Magdalena Marganska, Lars Milz, Wataru Izumida, Christoph Strunk, and Milena Grifoni	
Correlation matrix renormalization theory for correlated-electron materials with application to the crystalline phases of atomic hydrogen (6 pages)	075142
Xin Zhao, Jun Liu, Yong-Xin Yao, Cai-Zhuang Wang, and Kai-Ming Ho	

(Continued)

CONTENTS - Continued

PHYSICAL REVIEW B

THIRD SERIES, VOLUME 97, NUMBER 7

FEBRUARY 2018-15(I)

Reorthonormalization of Chebyshev matrix product states for dynamical correlation functions (8 pages)	075111
H. D. Xie, R. Z. Huang, X. J. Han, X. Yan, H. H. Zhao, Z. Y. Xie, H. J. Liao, and T. Xiang	
Dynamical mean-field theory study of stripe order and <i>d</i> -wave superconductivity in the two-dimensional Hubbard model (10 pages)	075112
Tuomas I. Vanhala and Päivi Törmä	
Weak antilocalization of composite fermions in graphene (5 pages)	075113
Antti Laitinen, Manohar Kumar, and Pertti J. Hakonen	
Construction of Hamiltonians by supervised learning of energy and entanglement spectra (12 pages)	075114
Hiroyuki Fujita, Yuya O. Nakagawa, Sho Sugiura, and Masaki Oshikawa	
Insights from experiment and <i>ab initio</i> calculations into the glasslike transition in the molecular conductor κ -(BEDT-TTF) ₂ Hg(SCN) ₂ Cl (9 pages)	075115
Elena Gati, Stephen M. Winter, John A. Schlueter, Harald Schubert, Jens Müller, and Michael Lang	
Doping-induced redistribution of magnetic spectral weight in the substituted hexaborides Ce _{1-x} La _x B ₆ and Ce _{1-x} Nd _x B ₆ (9 pages)	075116
S. E. Nikitin, P. Y. Portnichenko, A. V. Dukhnenko, N. Yu. Shitsevalova, V. B. Filipov, Y. Qiu, J. A. Rodriguez-Rivera, J. Ollivier, and D. S. Inosov	
Devil's staircases without particle-hole symmetry (11 pages)	075117
Zhihao Lan, Igor Lesanovsky, and Weibin Li	
^{121,123} Sb nuclear quadrupole resonance as a microscopic probe in the Te-doped correlated semimetal FeSb ₂ : Emergence of electronic Griffith phase, magnetism, and metallic behavior (7 pages)	075118
A. A. Gippius, S. V. Zhurenko, R. Hu, C. Petrovic, and M. Baenitz	
Diagrammatic Monte Carlo procedure for the spin-charge transformed Hubbard model (9 pages)	075119
Johan Carlström	
Weyl nodal surfaces (8 pages)	075120
Oğuz Türker and Sergej Moroz	
Exciton interference in hexagonal boron nitride (8 pages)	075121
Lorenzo Sponza, Hakim Amara, François Ducastelle, Annick Loiseau, and Claudio Attacalite	
Diffusive real-time dynamics of a particle with Berry curvature (10 pages)	075122
Kou Misaki, Seiji Miyashita, and Naoto Nagaosa	
Theoretical investigations of the anisotropic optical properties of distorted 1T ReS ₂ and ReSe ₂ monolayers, bilayers, and in the bulk limit (10 pages)	075123
J. P. Echeverry and I. C. Gerber	
Multipolar Kondo effect in a ¹ S ₀ - ³ P ₂ mixture of ¹⁷³ Yb atoms (28 pages)	075124
Igor Kuzmenko, Tetyana Kuzmenko, Yshai Avishai, and Gyu-Boong Jo	
Saddle-like topological surface states on the <i>TT'</i> X family of compounds (<i>T</i> , <i>T'</i> = Transition metal, <i>X</i> = Si, Ge) (13 pages)	075125
Bahadur Singh, Xiaoting Zhou, Hsin Lin, and Arun Bansil	
Quantum spin liquid signatures in Kitaev-like frustrated magnets (14 pages)	075126
Matthias Gohlke, Gideon Wachtel, Youhei Yamaji, Frank Pollmann, and Yong Baek Kim	

(Continued)

ARTICLES

Electronic structure and strongly correlated systems

- Topological surface state of α -Sn on InSb(001) as studied by photoemission (11 pages) 075101
M. R. Scholz, V. A. Rogalev, L. Dudy, F. Reis, F. Adler, J. Aulbach, L. J. Collins-McIntyre, L. B. Duffy,
H. F. Yang, Y. L. Chen, T. Hesjedal, Z. K. Liu, M. Hoesch, S. Muff, J. H. Dil, J. Schäfer, and R. Claessen
- Exact exchange potential for slabs: Asymptotic behavior of the Krieger-Li-Iafrate approximation (9 pages) 075102
Eberhard Engel
- Oxygen holes and hybridization in the bismuthates (9 pages) 075103
Arash Khazraie, Kateryna Foyevtsova, Ilya Elfimov, and George A. Sawatzky
- Oxygen vacancy induced structural evolution of SrFeO_{3-x} epitaxial thin film from brownmillerite
to perovskite (8 pages) 075104
Seulki Roh, Seokbae Lee, Myounghoon Lee, Yu-Seong Seo, Amit Khare, Taesup Yoo, Sungmin Woo,
Woo Seok Choi, Jungseek Hwang, A. Glamazda, and K.-Y. Choi
- Launching and controlling Gaussian beams from point sources via planar transformation media (7 pages) 075105
Hayrettin Odabasi, Kamalesh Sainath, and Fernando L. Teixeira
- Universal scattering response across the type-II Weyl semimetal phase diagram (9 pages) 075106
P. Rüßmann, A. P. Weber, F. Glott, N. Xu, M. Fanciulli, S. Muff, A. Magrez, P. Bugnon, H. Berger, M. Bode,
J. H. Dil, S. Blügel, P. Mavropoulos, and P. Sessi
- Metal-insulator transition in CaVO_3 thin films: Interplay between epitaxial strain, dimensional confinement,
and surface effects (10 pages) 075107
Sophie Beck, Gabriele Sclauzero, Uday Chopra, and Claude Ederer
- Correct Brillouin zone and electronic structure of BiPd (5 pages) 075108
Alexander Yaresko, Andreas P. Schnyder, Hadj M. Benia, Chi-Ming Yim, Giorgio Levy, Andrea Damascelli,
Christian R. Ast, Darren C. Peets, and Peter Wahl
- Excitonic instability in optically pumped three-dimensional Dirac materials (20 pages) 075109
Anna Pertsova and Alexander V. Balatsky
- Robustness of the charge-ordered phases in IrTe_2 against photoexcitation (8 pages) 075110
C. Monney, A. Schuler, T. Jaouen, M.-L. Mottas, Th. Wolf, M. Merz, M. Muntwiler, L. Castiglioni, P. Aebi,
F. Weber, and M. Hengsberger

