

CONTENTS - Continued

PHYSICAL REVIEW B

THIRD SERIES, VOLUME 103, NUMBER 11

MARCH 2021-15(I)

Effects of vertical electric field and charged impurities on the spin-polarized transport of β -antimonene armchair nanoribbons (7 pages)	115433
Shoeib Babaee Touski and M. Pilar López-Sancho	
From weak antilocalization to Kondo scattering in a magnetic complex oxide interface (7 pages)	115434
Xinxin Cai, Jin Yue, Peng Xu, Bharat Jalan, and Vlad S. Pribiag	
Phantom Bethe roots in the integrable open spin- $\frac{1}{2}$ XXZ chain (14 pages)	115435
Xin Zhang, Andreas Klümper, and Vladislav Popkov	
Current switching of valley polarization in twisted bilayer graphene (17 pages)	115436
Xuzhe Ying, Mengxing Ye, and Leon Balents	
Switching valley filtered current directions in multiterminal graphene systems (8 pages)	115437
V. Torres, D. Faria, and A. Latgé	
Search for enhanced magnetism at the interface between Bi_2Se_3 and EuSe (8 pages)	115438
K. Prokeš, Chen Luo, H. Ryll, E. Schierle, D. Marchenko, E. Weschke, F. Radu, R. Abrudan, V. V. Volobuev, G. Springholz, and O. Rader	
Quantum interference and the time-dependent radiation of nanojunctions (11 pages)	115439
Michael Ridley, Lev Kantorovich, Robert van Leeuwen, and Riku Tuovinen	
Radiative cooling induced by time-symmetry breaking in periodically driven systems (8 pages)	115440
Riccardo Messina, Annika Ott, Christoph Kathmann, Svend-Age Biehs, and Philippe Ben-Abdallah	
Surface localized phonon modes at the $\text{Si}(553)$ -Au nanowire system (10 pages)	115441
Julian Plaickner, Eugen Speiser, Christian Braun, Wolf Gero Schmidt, Norbert Esser, and Simone Sanna	

ERRATA

Erratum: Unexpected softness of bilayer graphene and softening of A-A stacked graphene layers [Phys. Rev. B 101 , 125421 (2020)] (3 pages)	119901(E)
Y. W. Sun, D. Holec, D. Gehringer, O. Fenwick, D. J. Dunstan, and C. J. Humphreys	
Erratum: Caroli formalism in near-field heat transfer between parallel graphene sheets [Phys. Rev. B 96 , 155437 (2017)] (3 pages)	119902(E)
Jia-Huei Jiang and Jian-Sheng Wang	
Publisher's Note: Pure density functional for strong correlation and the thermodynamic limit from machine learning [Phys. Rev. B 94 , 245129 (2016)] (1 page)	119903(E)
Li Li (李力), Thomas E. Baker, Steven R. White, and Kieron Burke	

Two-dimensional multifunctional materials from endohedral fullerenes (<i>6 pages</i>)	115417
Jie Li and Ruqian Wu	
Unidirectional quantum transport in optically driven <i>V</i> -type quantum dot chains (<i>13 pages</i>)	115418
Oliver Kaestle, Emil Vosmar Denning, Jesper Mørk, Andreas Knorr, and Alexander Carmele	
Enhanced electron-phonon coupling in doubly aligned hexagonal boron nitride bilayer graphene heterostructure (<i>6 pages</i>)	115419
Manabendra Kuiri, Saurabh Kumar Srivastav, Sujay Ray, Kenji Watanabe, Takashi Taniguchi, Tanmoy Das, and Anindya Das	
Observation of acoustic plasma waves with a velocity approaching the speed of light (<i>4 pages</i>)	115420
I. V. Andreev, V. M. Muravev, N. D. Semenov, and I. V. Kukushkin	
Vibrational signatures for the identification of single-photon emitters in hexagonal boron nitride (<i>13 pages</i>)	115421
Christopher Linderäl, Witlef Wiczorek, and Paul Erhart	
Quantum geometric exciton drift velocity (<i>22 pages</i>)	115422
Jinlyu Cao, H. A. Fertig, and Luis Brey	
Current-phase relation in a topological Josephson junction: Andreev bands versus scattering states (<i>13 pages</i>)	115423
Stefan Backens and Alexander Shnirman	
Spin-thermoelectric transport in nonuniform strained zigzag graphene nanoribbons (<i>8 pages</i>)	115424
Fereshte Ildarabadi and Rouhollah Farghadan	
Angular momentum anisotropy of Dirac carriers: A new twist in graphene (<i>8 pages</i>)	115425
M. Prada	
Optimal angular stability of reflectionless metasurface absorbers (<i>11 pages</i>)	115426
J. P. del Risco, I. S. Mikhalka, V. A. Lenets, M. S. Sidorenko, A. D. Sayanskiy, S. B. Glybovski, A. L. Samofalov, S. A. Khakhomov, I. V. Semchenko, J. D. Ortiz, and J. D. Baena	
Selection rules of twistrionic angles in two-dimensional material flakes via dislocation theory (<i>13 pages</i>)	115427
Shuze Zhu, Emil Annevelink, Pascal Pochet, and Harley T. Johnson	
☞ Network model for higher-order topological phases (<i>13 pages</i>)	115428
Hui Liu, Selma Franca, Ali G. Moghaddam, Fabian Hassler, and Ion Cosma Fulga	
Electric gating and interlayer coupling controllable electronic structure and Schottky contact of graphene/BiI ₃ van der Waals heterostructure (<i>8 pages</i>)	115429
Chuong V. Nguyen	
Anderson disorder-induced nontrivial topological phase transitions in two-dimensional topological superconductors (<i>8 pages</i>)	115430
Hai-Bin Wu and Jian-Jun Liu	
Collective excitations and flat-band plasmon in twisted bilayer graphene near the magic angle (<i>10 pages</i>)	115431
Xueheng Kuang, Zhen Zhan, and Shengjun Yuan	
Adiabatically induced orbital magnetization (<i>9 pages</i>)	115432
Cong Xiao, Yafei Ren, and Bangguo Xiong	

(Continued)

CONTENTS - Continued

PHYSICAL REVIEW B

THIRD SERIES, VOLUME 103, NUMBER 11

MARCH 2021-15(I)

Hydrodynamic collective modes in graphene (<i>16 pages</i>)	115402
B. N. Narozhny, I. V. Gornyi, and M. Titov	
Electron energy loss spectroscopy on freestanding perforated gold films (<i>8 pages</i>)	115403
M. Prämasing, T. Kiel, S. Irsen, K. Busch, and S. Linden	
Fine-tuning of the electro-optical switching behavior in indium tin oxide (<i>11 pages</i>)	115404
Ivan A. Pshenichnyuk, Sergey S. Kosolobov, and Vladimir P. Drachev	
Orientation averaging of optical chirality near nanoparticles and aggregates (<i>12 pages</i>)	115405
Atefeh Fazel-Najafabadi, Sebastian Schuster, and Baptiste Auguie	
Valley Hall effect and nonlocal resistance in locally gapped graphene (<i>6 pages</i>)	115406
Thomas Aktor, Jose H. Garcia, Stephan Roche, Antti-Pekka Jauho, and Stephen R. Power	
Anisotropic magnetoresistance and planar Hall effect in (001) and (111) $\text{LaVO}_3/\text{SrTiO}_3$ heterostructures (<i>9 pages</i>)	115407
Ruchi Tomar, Sonali Kakkar, Chandan Bera, and S. Chakraverty	
Influence of electric and magnetic fields and σ -edge bands on the electronic and optical spectra of graphene nanoribbons (<i>10 pages</i>)	115408
Thi-Nga Do, Po-Hsin Shih, Godfrey Gumbs, and Danhong Huang	
Optical properties of monolayer, multilayer, and bulk BiI_3 studied using time-dependent density functional theory (<i>6 pages</i>)	115409
Tetsuro Habe and Koichi Nakamura	
Symmetry and control of spin-scattering processes in two-dimensional transition metal dichalcogenides (<i>9 pages</i>)	115410
Carmem M. Gilardoni, Freddie Hendriks, Caspar H. van der Wal, and Marcos H. D. Guimarães	
Charge and spin transport through a normal lead coupled to an s -wave superconductor and a Majorana zero mode (<i>8 pages</i>)	115411
Yue Mao and Qing-Feng Sun	
Optical spin control and coherence properties of acceptor bound holes in strained GaAs (<i>10 pages</i>)	115412
Xiayu Linpeng, Todd Karin, Mikhail V. Durnev, Mikhail M. Glazov, Rüdiger Schott, Andreas D. Wieck, Arne Ludwig, and Kai-Mei C. Fu	
Decoupled heat and charge rectification as a many-body effect in quantum wires (<i>7 pages</i>)	115413
Conor Stevenson and Bernd Braunecker	
Moiré-induced electronic structure modifications in monolayer V_2S_3 on Au(111) (<i>9 pages</i>)	115414
Umut Kamber, Sahar Pakdel, Raluca-Maria Stan, Anand Kamlapure, Brian Kiraly, Fabian Arnold, Andreas Eich, Arlette S. Ngankeu, Marco Bianchi, Jill A. Miwa, Charlotte E. Sanders, Nicola Lanatà, Philip Hofmann, and Alexander A. Khajetoorians	
Spin caloritronics in two-dimensional $\text{CrI}_3/\text{NiCl}_2$ van der Waals heterostructures (<i>8 pages</i>)	115415
Xingyi Tan, Linjie Ding, Gui-Fang Du, and Hua-Hua Fu	
Theoretical formation of carbon nanomembranes under realistic conditions using classical molecular dynamics (<i>11 pages</i>)	115416
Julian Ehrens, Florian Gayk, Patrick Vorndamme, Tjark Heitmann, Niklas Biere, Dario Anselmetti, Xianghui Zhang, Armin Götzhäuser, and Jürgen Schnack	

(Continued)

Approach to achieving a <i>p</i> -type transparent conducting oxide: Doping of bismuth-alloyed Ga ₂ O ₃ with a strongly correlated band edge state (6 pages)	115205
Xuefen Cai, Fernando P. Sabino, Anderson Janotti, and Su-Huai Wei	
Broadband optical conductivity of the chiral multifold semimetal PdGa (6 pages)	115206
L. Z. Maulana, Z. Li, E. Uykur, K. Manna, S. Polatkan, C. Felser, M. Dressel, and A. V. Pronin	
Pressure effect on band inversion in AECd ₂ As ₂ (AE = Ca, Sr, Ba) (8 pages)	115207
Jonathan M. DeStefano and Lin-Lin Wang	
Magnetic-field-dependent intervalley relaxation time in Weyl semimetals (6 pages)	115208
Xing Huang, Hao Geng, and L. Sheng	
Momentum-resolved spin splitting in Mn-doped trivial CdTe and topological HgTe semiconductors (18 pages)	115209
Carmine Autieri, Cezary Śliwa, Rajibul Islam, Giuseppe Cuono, and Tomasz Dietl	
Semiconductors II: surfaces, interfaces, microstructures, and related topics	
Terahertz lasing at room temperature: A numerical study of a vertical-emitting quantum cascade laser based on a quantum dot superlattice (7 pages)	115301
Alexander Mittelstädt, Ludwig A. Th. Greif, Stefan T. Jagsch, and Andrei Schliwa	
Efficient electronic structure calculations for extended systems of coupled quantum dots using a linear combination of quantum dot orbitals method (9 pages)	115302
Alexander Mittelstädt, Ludwig A. Th. Greif, Stefan T. Jagsch, and Andrei Schliwa	
Electron ground state <i>g</i> factor in embedded InGaAs quantum dots: An atomistic study (9 pages)	115303
Mustafa Kahraman and Ceyhan Bulutay	
Intrinsic contribution to nonlinear thermoelectric effects in topological insulators (8 pages)	115304
Pankaj Bhalla	
Free electron nonlinearities in heavily doped semiconductors plasmonics (10 pages)	115305
Federico De Luca, Michele Ortolani, and Cristian Ciraci	
Signatures of interfacial topological chiral modes via RKKY exchange interaction in Dirac and Weyl systems (7 pages)	115306
Ganesh C. Paul, SK Firoz Islam, Paramita Dutta, and Arijit Saha	
Modeling excitonic Mott transitions in two-dimensional semiconductors (28 pages)	115307
A. Kudlis and I. Iorsh	
Hierarchy of higher-order Floquet topological phases in three dimensions (6 pages)	115308
Tanay Nag, Vladimir Juričić, and Bitan Roy	
Optically controlled polariton condensate molecules (10 pages)	115309
E. D. Cherotchenko, H. Sigurdsson, A. Askitopoulos, and A. V. Nalitov	
Surface physics, nanoscale physics, low-dimensional systems	
Planar graphene-NbSe ₂ Josephson junctions in a parallel magnetic field (9 pages)	115401
Tom Dvir, Ayelet Zalic, Eirik Holm Fyhn, Morten Amundsen, Takashi Taniguchi, Kenji Watanabe, Jacob Linder, and Hadar Steinberg	

(Continued)

Lorenz ratio of an impure compensated metal in the degenerate Fermi liquid regime (<i>19 pages</i>)	115140
Woo-Ram Lee, Karen Michaeli, and Georg Schwiete	
Fermionic sign structure of high-order Feynman diagrams in a many-fermion system (<i>10 pages</i>)	115141
Bao-Zong Wang, Peng-Cheng Hou, Youjin Deng, Kristjan Haule, and Kun Chen	
Interference effects induced by a precessing easy-plane magnet coupled to a helical edge state (<i>13 pages</i>)	115142
Kevin A. Madsen, Piet W. Brouwer, Patrik Recher, and Peter G. Silvestrov	
Noncollinear ferromagnetic Weyl semimetal with anisotropic anomalous Hall effect (<i>9 pages</i>)	115143
Hung-Yu Yang, Bahadur Singh, Jonathan Gaudet, Baozhu Lu, Cheng-Yi Huang, Wei-Chi Chiu, Shin-Ming Huang, Baokai Wang, Faranak Bahrami, Bochao Xu, Jacob Franklin, Ilya Sochnikov, David E. Graf, Guangyong Xu, Yang Zhao, Christina M. Hoffman, Hsin Lin, Darius H. Torchinsky, Collin L. Broholm, Arun Bansil, and Fazel Tafti	
Magnetic Compton profiles of Ni beyond the one-particle picture: Numerically exact and perturbative solvers of dynamical mean-field theory (<i>12 pages</i>)	115144
A. D. N. James, M. Sekania, S. B. Dugdale, and L. Chioncel	
Quantum spin Hall effect in $\text{Ta}_2\text{M}_3\text{Te}_5$ ($M = \text{Pd, Ni}$) (<i>8 pages</i>)	115145
Zhaopeng Guo, Dayu Yan, Haohao Sheng, Simin Nie, Youguo Shi, and Zhijun Wang	
Longitudinal magnetoconductance and the planar Hall effect in a lattice model of tilted Weyl fermions (<i>17 pages</i>)	115146
Azaz Ahmad and Girish Sharma	
Critical anomalous metals near superconductivity in models with random interactions (<i>29 pages</i>)	115147
Chenyuan Li, Darshan G. Joshi, and Subir Sachdev	
Temperature-dependent energy diffusion in chaotic spin chains (<i>11 pages</i>)	115148
Cristian Zanoci and Brian Swingle	
Charge and spin degrees of freedom in A-site ordered $\text{YCu}_3\text{Co}_4\text{O}_{12}$ and $\text{CaCu}_3\text{Co}_4\text{O}_{12}$ (<i>8 pages</i>)	115149
Yi-Ying Chin, Zhiwei Hu, Yuichi Shimakawa, Junye Yang, Youwen Long, A. Tanaka, Liu Hao Tjeng, Hong-Ji Lin, and Chien-Te Chen	
Entanglement bootstrap approach for gapped domain walls (<i>37 pages</i>)	115150
Bowen Shi and Isaac H. Kim	
Topological entanglement entropy of interacting disordered zigzag graphene ribbons (<i>4 pages</i>)	115151
Young Heon Kim, Hye Jeong Lee, and S.-R. Eric Yang	
Semiconductors I: bulk	
Phase diagram and orbital Chern insulator in twisted double bilayer graphene (<i>11 pages</i>)	115201
Yi-Xiang Wang, Fuxiang Li, and Zi-Yue Zhang	
Gapped Dirac semimetal with mixed linear and parabolic dispersions (<i>7 pages</i>)	115202
Yi-Xiang Wang and Fuxiang Li	
Accurate calculation of excitonic signatures in the absorption spectrum of BiSbBr using semiconductor Bloch equations (<i>7 pages</i>)	115203
J. M. Booth, M. V. Klymenko, J. H. Cole, and S. P. Russo	
First-principles calculation of electroacoustic properties of wurtzite $(\text{Al,Sc})\text{N}$ (<i>13 pages</i>)	115204
Daniel F. Urban, Oliver Ambacher, and Christian Elsässer	

(Continued)

Combined piezoelectricity and ferrovalley properties in Janus monolayer VClBr (7 pages)	115124
Yi-Feng Zhao, Yu-Hao Shen, He Hu, Wen-Yi Tong, and Chun-Gang Duan	
Electronic structure of the metallic oxide ReO_3 (6 pages)	115125
J. Falke, C. F. Chang, C. E. Liu, D. Takegami, A. Melendez-Sans, C.-S. Chen, L. Zhao, A. C. Komarek, C.-Y. Kuo, C. T. Chen, and L. H. Tjeng	
Visualizing the Kondo lattice crossover in YbRh_2Si_2 with Compton scattering (12 pages)	115126
M. Güttler, K. Kummer, K. Kliemt, C. Krellner, S. Seiro, C. Geibel, C. Laubschat, Y. Kubo, Y. Sakurai, D. V. Vyalikh, and A. Koizumi	
Measurement of electronic structure and surface reconstruction in the superionic Cu_{2-x}Te (11 pages)	115127
S. Liu, W. Xia, K. Huang, D. Pei, T. Deng, A. J. Liang, J. Jiang, H. F. Yang, J. Zhang, H. J. Zheng, Y. J. Chen, L. X. Yang, Y. F. Guo, M. X. Wang, Z. K. Liu, and Y. L. Chen	
Triangular lattice Majorana-Hubbard model: Mean-field theory and DMRG on a width-4 torus (8 pages)	115128
Tarun Tummuru, Alberto Nocera, and Ian Affleck	
Polaron and bipolaron tendencies in a semiclassical model for hole-doped bismuthates (12 pages)	115129
Mi Jiang, George A. Sawatzky, Mona Berciu, and Steven Johnston	
Probing charge order and hidden topology at the atomic scale by cryogenic scanning transmission electron microscopy and spectroscopy (7 pages)	115130
M.-W. Chu, G. Y. Guo, W. T. Chen, M. H. Lee, S. H. Lee, Y.-C. Lai, C. H. Du, and C. H. Chen	
Robust quantum anomalous Hall effect in a pentagonal MoS_2 monolayer grown on $\text{CuI}(001)$ substrates (7 pages)	115131
Yimei Fang, Siyu Chen, Xiancong Lu, Shunqing Wu, and Zi-Zhong Zhu	
Integrable nonunitary open quantum circuits (9 pages)	115132
Lucas Sá, Pedro Ribeiro, and Tomaž Prosen	
High magnetic field ultrasound study of spin freezing in $\text{La}_{1.88}\text{Sr}_{0.12}\text{CuO}_4$ (11 pages)	115133
M. Frachet, S. Benhabib, I. Vinograd, S.-F. Wu, B. Vignolle, H. Mayaffre, S. Krämer, T. Kurosawa, N. Momono, M. Oda, J. Chang, C. Proust, M.-H. Julien, and D. LeBoeuf	
Robust hybridization gap in the Kondo insulator YbB_{12} probed by femtosecond optical spectroscopy (7 pages)	115134
A. R. Pokharel, S. Y. Agustsson, V. V. Kabanov, F. Iga, T. Takabatake, H. Okamura, and J. Demsar	
Momentum-dependent electron-phonon coupling in charge density wave systems (7 pages)	115135
Jean-Paul Pouget, Enric Canadell, and Bogdan Guster	
Simulation of time-dependent resonant inelastic x-ray scattering using nonequilibrium dynamical mean-field theory (11 pages)	115136
Martin Eckstein and Philipp Werner	
Dynamics of electronically phase-separated states in the double exchange model (10 pages)	115137
Jing Luo and Gia-Wei Chern	
Role of the defect-core orbital in fractional Chern insulators (10 pages)	115138
Ai-Lei He	
Lindblad equation approach to the determination of the optimal working point in nonequilibrium stationary states of an interacting electronic one-dimensional system: Application to the spinless Hubbard chain in the clean and in the weakly disordered limit (19 pages)	115139
Andrea Nava, Marco Rossi, and Domenico Giuliano	

(Continued)

Polarization angle dependence of the breathing mode in confined one-dimensional dipolar bosons (<i>9 pages</i>)	115109
S. De Palo, E. Orignac, M. L. Chiofalo, and R. Citro	
Quasiperiodicity, band topology, and moiré graphene (<i>18 pages</i>)	115110
Dan Mao and T. Senthil	
Minority-spin impurity band in n-type (In,Fe)As: A materials perspective for ferromagnetic semiconductors (<i>10 pages</i>)	115111
Masaki Kobayashi, Le Duc Anh, Jan Minár, Walayat Khan, Stephan Borek, Pham Nam Hai, Yoshihisa Harada, Thorsten Schmitt, Masaharu Oshima, Atsushi Fujimori, Masaaki Tanaka, and Vladimir N. Strocov	
Magnetic higher-order nodal lines (<i>10 pages</i>)	115112
Zeyang Zhang, Zhi-Ming Yu, and Shengyuan A. Yang	
Approximating the long time average of the density operator: Diagonal ensemble (<i>9 pages</i>)	115113
Aslı Çakan, J. Ignacio Cirac, and Mari Carmen Bañuls	
Correlated electrons in a crystalline topological insulator (<i>5 pages</i>)	115114
F. Manghi	
Geometric entanglement in integer quantum Hall states (<i>12 pages</i>)	115115
Benoit Sirois, Lucie Maude Fournier, Julien Leduc, and William Witczak-Krempa	
Plasmons in two-dimensional topological insulators (<i>9 pages</i>)	115116
Henning Schlömer, Zhihao Jiang, and Stephan Haas	
☞ Giant orbital diamagnetism of three-dimensional Dirac electrons in Sr ₃ PbO antiperovskite (<i>11 pages</i>)	115117
S. Suetsugu, K. Kitagawa, T. Kariyado, A. W. Rost, J. Nuss, C. Mühle, M. Ogata, and H. Takagi	
Robustness of helical hinge states of weak second-order topological insulators (<i>10 pages</i>)	115118
C. Wang and X. R. Wang	
Direct evidence of electron-hole compensation for extreme magnetoresistance in topologically trivial YBi (<i>9 pages</i>)	115119
Shaozhu Xiao, Yinxiang Li, Yong Li, Xiufu Yang, Shiju Zhang, Wei Liu, Xianxin Wu, Bin Li, Masashi Arita, Kenya Shimada, Youguo Shi, and Shaolong He	
Visualizing quasiparticles from quantum entanglement for general one-dimensional phases (<i>12 pages</i>)	115120
Elisabeth Wybo, Frank Pollmann, S. L. Sondhi, and Yizhi You	
Quantification of Ni <i>L</i> _{2,3} core-hole relaxation pathways utilizing Auger photoelectron coincidence spectroscopy (<i>6 pages</i>)	115121
Artur Born, Torsten Leitner, Ieva Bidermane, Ruslan Ovsyannikov, Svante Svensson, Nils Mårtensson, and Alexander Föhlisch	
Correlation between antiferromagnetic and Mott states in spin orbit coupled Sr ₂ IrO ₄ : A study of Sr ₂ Ir _{1-x} M _x O ₄ (<i>M</i> = Fe or Co) (<i>9 pages</i>)	115122
Bing Hu, Hengdi Zhao, Yu Zhang, Pedro Schlottmann, Feng Ye, and Gang Cao	
Constrained-path auxiliary-field quantum Monte Carlo for coupled electrons and phonons (<i>19 pages</i>)	115123
Joonho Lee, Shiwei Zhang, and David R. Reichman	

(Continued)

EDITORIALS AND ANNOUNCEMENTS

Editorial: Eight Journals Introduce Letters (<i>1 page</i>)	110001
---	--------

ARTICLES

Electronic structure and strongly correlated systems

Fractional Fermi liquid in a generalized t - J model (<i>10 pages</i>)	115101
Ya-Hui Zhang and Zheng Zhu	
Gaffnian and Haffnian: Physical relevance of nonunitary conformal field theory for the incompressible fractional quantum Hall effect (<i>16 pages</i>)	115102
Bo Yang	
Field-induced valence fluctuations in YbB_{12} (<i>14 pages</i>)	115103
R. Kurihara, A. Miyake, M. Tokunaga, A. Ikeda, Y. H. Matsuda, A. Miyata, D. I. Gorbunov, T. Nomura, S. Zherlitsyn, J. Wosnitzer, and F. Iga	
Relaxor ferroelectricity in the polar M_2P -TCNQ charge-transfer crystal at the neutral-ionic interface (<i>12 pages</i>)	115104
J. K. H. Fischer, G. D'Avino, M. Masino, F. Mezzadri, P. Lunkenheimer, Z. G. Soos, and A. Girlando	
Fingerprints of optical absorption in the perovskite LaInO_3 : Insight from many-body theory and experiment (<i>9 pages</i>)	115105
Wahib Aggoune, Klaus Irmscher, Dmitrii Nabok, Cecilia Vona, Saud Bin Anooz, Zbigniew Galazka, Martin Albrecht, and Claudia Draxl	
Effect of the density of states at the Fermi level on defect free energies and superconductivity: A case study of Nb_3Sn (<i>13 pages</i>)	115106
Nathan S. Sitaraman, Michelle M. Kelley, Ryan D. Porter, Matthias U. Liepe, Tomás A. Arias, Jared Carlson, Alden R. Pack, Mark K. Transtrum, and Ravishankar Sundararaman	
Density matrix renormalization group study of the $\nu = 1/3$ edge states in fractional quantum Hall systems (<i>6 pages</i>)	115107
Takuya Ito and Naokazu Shibata	
Temperature evolution of quasiparticle dispersion and dynamics in semimetallic $1T$ - TiTe_2 via high-resolution angle-resolved photoemission spectroscopy and ultrafast optical pump-probe spectroscopy (<i>7 pages</i>)	115108
Shuang-Xing Zhu, Chen Zhang, Qi-Yi Wu, Xiao-Fang Tang, Hao Liu, Zi-Teng Liu, Yang Luo, Jiao-Jiao Song, Fan-Ying Wu, Yin-Zou Zhao, Shu-Yu Liu, Tian Le, Xin Lu, He Ma, Kai-Hui Liu, Ya-Hua Yuan, Han Huang, Jun He, H. Y. Liu, Yu-Xia Duan, and Jian-Qiao Meng	

