

CONTENTS - *Continued*

PHYSICAL REVIEW B

THIRD SERIES, VOLUME 104, NUMBER 12

SEPTEMBER 2021-15(II)

 Multifaceted moiré superlattice physics in twisted WSe ₂ bilayers (<i>39 pages</i>)	125440
S. J. Magorrian, V. V. Enaldiev, V. Zólyomi, F. Ferreira, V. I. Fal'ko, and D. A. Ruiz-Tijerina	
Andreev reflection and Josephson effect in the $\alpha - T_3$ lattice (<i>9 pages</i>)	125441
Xingfei Zhou	
Quality factor of plasmonic monopartite and bipartite surface lattice resonances (<i>8 pages</i>)	125442
Joshua T. Y. Tse and H. C. Ong	
Theory of the effective Seebeck coefficient for photoexcited two-dimensional materials: Graphene (<i>8 pages</i>)	125443
Andrea Tomadin and Marco Polini	
Chiral charge transfer along magnetic field lines in a Weyl superconductor (<i>7 pages</i>)	125444
G. Lemut, M. J. Pacholski, and C. W. J. Beenakker	
Magic angle twisted bilayer graphene as a highly efficient quantum Otto engine (<i>9 pages</i>)	125445
Ayush Singh and Colin Benjamin	
Strong coupling between excitons in a two-dimensional atomic crystal and quasibound states in the continuum in a two-dimensional all-dielectric asymmetric metasurface (<i>9 pages</i>)	125446
Peng Xie, Zhengchen Liang, Tongtong Jia, Daimin Li, Yixuan Chen, Peijie Chang, Hong Zhang, and Wei Wang	
Universal properties of boundary and interface charges in multichannel one-dimensional models without symmetry constraints (<i>19 pages</i>)	125447
Niclas Müller, Kiryl Piasotski, Dante M. Kennes, Herbert Schoeller, and Mikhail Pletyukhov	

CONTENTS - *Continued*

PHYSICAL REVIEW B

THIRD SERIES, VOLUME 104, NUMBER 12

SEPTEMBER 2021-15(II)

Control of plasmons in topological insulators via local perturbations (<i>9 pages</i>)	125425
Yuling Guan, Zhihao Jiang, and Stephan Haas	
Interface involved Dresselhaus spin-orbit coupling in GaInAs/AlInAs heterostructures (<i>12 pages</i>)	125426
Hao Yang, Qingxuan Wang, and Jiyong Fu	
Effective continuum model of twisted bilayer GeSe and origin of the emerging one-dimensional mode (<i>9 pages</i>)	125427
Manato Fujimoto and Toshikaze Kariyado	
Transport through dynamic pseudogauge fields and snake states in a Corbino geometry (<i>10 pages</i>)	125428
Jonathan Amasay and Eran Sela	
Antisymmetric magnetoresistance in Fe ₃ GeTe ₂ nanodevices of inhomogeneous thickness (<i>8 pages</i>)	125429
Wei Niu, Zhi Cao, Yile Wang, Zhenqi Wu, Xiaoqian Zhang, Weibo Han, Lujun Wei, Lixia Wang, Yongbing Xu, Youming Zou, Liang He, and Yong Pu	
Identification of a low-energy metastable 1T-type phase for monolayer VSe ₂ (<i>5 pages</i>)	125430
Bing-Hua Lei and David J. Singh	
Statistical analysis of spin switching in coupled spin-crossover molecules (<i>9 pages</i>)	125431
Philipp Stegmann, Alex Gee, Neil T. Kemp, and Jürgen König	
Tunable spin-orbit coupling in two-dimensional InSe (<i>21 pages</i>)	125432
A. Ceferino, S. J. Magorrian, V. Zólyomi, D. A. Bandurin, A. K. Geim, A. Patanè, Z. D. Kovalyuk, Z. R. Kudrynskiy, I. V. Grigorieva, and V. I. Fal'ko	
Atomic-scale study of Si-doped AlAs by cross-sectional scanning tunneling microscopy and density functional theory (<i>10 pages</i>)	125433
D. Tjeertes, A. Vela, T. J. F. Verstijnen, E. G. Banfi, P. J. van Veldhoven, M. G. Menezes, R. B. Capaz, B. Koiller, and P. M. Koenraad	
Quantum theory of plasmon polaritons in chains of metallic nanoparticles: From near- to far-field coupling regime (<i>20 pages</i>)	125434
Thomas F. Allard and Guillaume Weick	
Boundary condition independence of non-Hermitian Hamiltonian dynamics (<i>7 pages</i>)	125435
Liang Mao, Tianshu Deng, and Pengfei Zhang	
High harmonic generation in fullerene molecules (<i>9 pages</i>)	125436
H. K. Avetissian, A. G. Ghazaryan, and G. F. Mkrtchian	
Atomic structure of a single step and dynamics of Sn adatoms on the Si(111) – $\sqrt{3} \times \sqrt{3}$ –Sn surface (<i>8 pages</i>)	125437
R. A. Zhachuk, D. I. Rogilo, A. S. Petrov, D. V. Sheglov, A. V. Latyshev, S. Colonna, and F. Ronci	
Unveiling the multilevel structure of midgap states in Sb-doped MoX ₂ (X = S, Se, Te) monolayers (<i>13 pages</i>) . . .	125438
Marcos G. Menezes and Saif Ullah	
Crossover behavior in the magnetoresistance of thin flakes of the topological material ZrTe ₅ (<i>6 pages</i>)	125439
Zhijian Xie, Xinjian Wei, Xiaobin Qiang, Yu Zhang, Shili Yan, Shimin Cao, Congkuan Tian, Peipei Wang, Liyuan Zhang, G. D. Gu, Haizhou Lu, and Jian-Hao Chen	

(Continued)

Helical and topological phase detection based on nonlocal conductance measurements in a three-terminal junction (<i>7 pages</i>)	125410
P. Wójcik, D. Sticlet, P. Szumniak, and M. P. Nowak	
Kerr effect in tilted nodal loop semimetals (<i>12 pages</i>)	125411
Johan Ekström, Eddwi H. Hasdeo, M. Belén Farias, and Thomas L. Schmidt	
General relation between stacking order and Chern index: A topological map of minimally twisted bilayer graphene (<i>12 pages</i>)	125412
S. Theil, M. Fleischmann, R. Gupta, F. Rost, F. Wulfschläger, S. Sharma, B. Meyer, and S. Shallcross	
One-dimensional spin-polarized electron channel in the two-dimensional PbBi compound on silicon (<i>7 pages</i>)	125413
A. N. Mihalyuk, L. V. Bondarenko, A. Y. Tupchaya, T. V. Utas, Y. E. Vekovshinin, D. V. Gruznev, S. V. Ereemeev, A. V. Zotov, and A. A. Saranin	
Bound states in the continuum in asymmetrical quantum-mechanical and electromagnetic waveguides (<i>14 pages</i>)	125414
N. M. Shubin, A. V. Friman, V. V. Kapaev, and A. A. Gorbatsevich	
Multihole models for deterministically placed acceptor arrays in silicon (<i>18 pages</i>)	125415
Jianhua Zhu, Wei Wu, and Andrew J. Fisher	
Nontrivial point-gap topology and non-Hermitian skin effect in photonic crystals (<i>8 pages</i>)	125416
Janet Zhong, Kai Wang, Yubin Park, Viktor Asadchy, Charles C. Wojcik, Avik Dutt, and Shanhui Fan	
Anisotropic radiative heat transfer between nanoparticles mediated by a twisted bilayer graphene grating (<i>14 pages</i>)	125417
Shui-Hua Yang, Yong Zhang, Ming-Qian Yuan, Cheng-Long Zhou, and Hong-Liang Yi	
Open spin chain realization of a topological defect in a one-dimensional Ising model: Boundary and bulk symmetry (<i>12 pages</i>)	125418
Yoshiki Fukusumi and Shumpei Iino	
Metasurface design for the generation of an arbitrary assembly of different polarization states (<i>12 pages</i>)	125419
Ya-Jun Gao, Ziyu Wang, Wenjie Tang, Xiang Xiong, Zhenghan Wang, Fei Chen, Ru-Wen Peng, and Mu Wang	
Terahertz magneto-optical properties of graphene hydrodynamic electron liquid (<i>8 pages</i>)	125420
L. F. Man, W. Xu, Y. M. Xiao, H. Wen, L. Ding, B. Van Duppen, and F. M. Peeters	
Emergence of intrinsically isolated flat bands and their topology in fully relaxed twisted multilayer graphene (<i>15 pages</i>)	125421
Xianqing Lin, Haotian Zhu, and Jun Ni	
Enhancement of spin-orbit coupling and magnetic scattering in hydrogenated graphene (<i>6 pages</i>)	125422
Shimin Cao, Chuanwu Cao, Shibing Tian, and Jian-Hao Chen	
Interfacial control of domain structure and magnetic anisotropy in $\text{La}_{0.67}\text{Sr}_{0.33}\text{MnO}_3$ manganite heterostructures (<i>13 pages</i>)	125423
Da Lan, Pingfan Chen, Chao Liu, Xiaohan Wu, Ping Yang, Xiaojiang Yu, Jun Ding, Jingsheng Chen, and Gan Moog Chow	
Strong coupling regime and hybrid quasinormal modes from a single plasmonic resonator coupled to a transition metal dichalcogenide monolayer (<i>13 pages</i>)	125424
Chelsea Carlson, Robert Salzwedel, Malte Selig, Andreas Knorr, and Stephen Hughes	

(Continued)

Polaron formation in Bi-deficient BaBiO ₃ (8 pages)	125307
W. Román Acevedo, S. Di Napoli, F. Romano, G. Rodríguez Ruiz, P. Nukala, C. Quinteros, J. Lecourt, U. Lüders, V. Vildosola, and D. Rubi	
Conservation of chirality at a junction between two Weyl semimetals (11 pages)	125308
S. Tchoumakov, B. Bujnowski, J. Noky, J. Gooth, A. G. Grushin, and J. Cayssol	
Role of resident electrons in the manifestation of a spin polarization memory effect in Mn delta-doped GaAs heterostructures (10 pages)	125309
Mikhail V. Dorokhin, Mikhail V. Ved, Polina B. Demina, Denis V. Khomitsky, Kirill S. Kabaev, Miguel A. G. Balanta, Fernando Iikawa, Boris N. Zvonkov, and Natalia V. Dikareva	
Composite fermion mass enhancement and particle-hole symmetry of fractional quantum Hall states in the lowest Landau level under realistic conditions (9 pages)	125310
Eduardo Palacios and Michael R. Peterson	
Non-polar GaN/AlGaIn quantum-well polariton laser at room temperature (9 pages)	125311
E. A. Amargianitakis, K. Tsagaraki, A. Kostopoulos, G. Konstantinidis, E. Delamadeleine, E. Monroy, and N. T. Pelekanos	
Surface physics, nanoscale physics, low-dimensional systems	
Dissipative quantum transport in a nanowire (18 pages)	125401
M. Bandyopadhyay and S. Dattagupta	
Electronic and magnetic properties of many-electron complexes in charged InAs _x P _{1-x} quantum dots in InP nanowires (11 pages)	125402
Jacob Manalo, Moritz Cygorek, Abdulmenaf Altintas, and Pawel Hawrylak	
First-principles study of two-dimensional electron gas on a layered Gd ₂ C electride surface (10 pages)	125403
Jinwoong Chae, Junsu Lee, Youngtek Oh, and Gunn Kim	
Extreme near-field heat transfer between gold surfaces (7 pages)	125404
Takuro Tokunaga, Amun Jarzembski, Takuma Shiga, Keunhan Park, and Mathieu Francoeur	
Efficient numerical method for evaluating normal and anomalous time-domain equilibrium Green's functions in inhomogeneous systems (15 pages)	125405
Tomas Löthman, Christopher Triola, Jorge Cayao, and Annica M. Black-Schaffer	
Two-dimensional anisotropic non-Hermitian Lieb lattice (9 pages)	125406
L. C. Xie, H. C. Wu, X. Z. Zhang, L. Jin, and Z. Song	
Kondo induced π -phase shift of microwave photons in a circuit quantum electrodynamics architecture (13 pages)	125407
Guang-Wei Deng, Loïc Henriet, Da Wei, Shu-Xiao Li, Hai-Ou Li, Gang Cao, Ming Xiao, Guang-Can Guo, Marco Schiró, Karyn Le Hur, and Guo-Ping Guo	
Atomic and electronic structures of the Au ₂ Sn surface alloy on Au(111) (7 pages)	125408
Jalil Shah, W. Wang, Hafiz M. Sohail, and R. I. G. Uhrberg	
Thermal conductance and nonequilibrium superconductivity in a diffusive NSN wire probed by shot noise (10 pages)	125409
A. V. Bubis, E. V. Shpagina, A. G. Nasibulin, and V. S. Khrapai	

(Continued)

Nontrivial fixed points and truncated SU(4) Kondo models in a quasi-quartet multipolar quantum impurity problem (14 pages)	125144
Daniel J. Schultz, Adarsh S. Patri, and Yong Baek Kim	
Design strong anomalous Hall effect via spin canting in antiferromagnetic nodal line materials (6 pages)	125145
Congcong Le, Claudia Felser, and Yan Sun	
Topological pump and bulk-edge-correspondence in an extended Bose-Hubbard model (11 pages)	125146
Yoshihito Kuno and Yasuhiro Hatsugai	
Semiconductors I: bulk	
Tuning of electronic and optical properties of a predicted silicon allotrope: Hexagonal silicon $h10$ -Si (7 pages)	125201
Deju Zhang, Haiyang Niu, Yunguo Li, Hong-Mei Huang, Peng Jiang, and Yan-Ling Li	
Excitonic effects on electron spin orientation and relaxation in wurtzite GaN (5 pages)	125202
Shixiong Zhang, Ning Tang, Xiaoyue Zhang, Xingchen Liu, Hongming Guan, Yunfan Zhang, Xuan Qian, Yang Ji, Weikun Ge, and Bo Shen	
Investigation of Shubnikov–de Haas oscillations in a crystalline topological insulator $\text{SnTe/Sn}_{1-x}\text{Eu}_x\text{Te}$ heterostructure (7 pages)	125203
I. F. Costa, U. A. Mengui, E. Abramof, P. H. O. Rappl, D. A. W. Soares, S. de Castro, and M. L. Peres	
Phonon-assisted excitonic absorption in diamond (10 pages)	125204
Kazuki Konishi and Nobuko Naka	
Electron nuclear interactions in spin-3/2 color centers in silicon carbide: A high-field pulse EPR and ENDOR study (17 pages)	125205
Victor A. Soltamov, Boris V. Yavkin, Georgy V. Mamin, Sergei B. Orlinskii, Ilia D. Breev, Anna P. Bundakova, Roman A. Babunts, Andrey N. Anisimov, and Pavel G. Baranov	
Semiconductors II: surfaces, interfaces, microstructures, and related topics	
Finite-temperature Hartree-Fock-Bogoliubov theory for exciton-polaritons (13 pages)	125301
A. M. Grudinina, I. L. Kurbakov, Yu. E. Lozovik, and N. S. Voronova	
Multiorbital edge and corner states in black phosphorene (13 pages)	125302
Masaru Hitomi, Takuto Kawakami, and Mikito Koshino	
Dynamics of quantum Hall interfaces (11 pages)	125303
Qi Li, Ken K. W. Ma, Ruojuan Wang, Zi-Xiang Hu, Hao Wang, and Kun Yang	
 Time-resolved investigation of plasmon mode along interface channels in integer and fractional quantum Hall regimes (9 pages)	125304
Chaojing Lin, Masayuki Hashisaka, Takafumi Akiho, Koji Muraki, and Toshimasa Fujisawa	
Temperature dependence of divacancy spin coherence in implanted silicon carbide (7 pages)	125305
Wu-Xi Lin, Fei-Fei Yan, Qiang Li, Jun-feng Wang, Zhi-He Hao, Ji-Yang Zhou, Hao Li, Li-Xing You, Jin-Shi Xu, Chuan-Feng Li, and Guang-Can Guo	
Effect of point defects on electronic and excitonic properties in Janus-MoSSe monolayer (7 pages)	125306
Chen Long, Ying Dai, and Hao Jin	

(Continued)

Metal-insulator transition in $\text{Ba}_{3-x}\text{Sr}_x\text{Nb}_5\text{O}_{15}$ (8 pages)	125128
Yuhki Kondoh, Ryosuke Takei, Tetsuji Okuda, Kazunori Ueno, Yumiko Katayama, Takuo Saiki, Wataru Sekino, Tomomasa Kajita, and Takuro Katsufuji	
Photoinduced anomalous Hall effect in the interacting Haldane model: Targeting topological states with pump pulses (8 pages)	125129
Can Shao, P. D. Sacramento, and Rubem Mondaini	
Hund's metal crossover and superconductivity in the 111 family of iron-based superconductors (9 pages)	125130
Pablo Villar Arribi and Luca de' Medici	
Entanglement renormalization for quantum fields with boundaries and defects (15 pages)	125131
Adrián Franco-Rubio	
Ultrafast excitation and topological soliton formation in incommensurate charge density wave states (10 pages)	125132
Xiao-Xiao Zhang, Dirk Manske, and Naoto Nagaosa	
 Theory of competing excitonic orders in insulating WTe_2 monolayers (11 pages)	125133
Yves H. Kwan, T. Devakul, S. L. Sondhi, and S. A. Parameswaran	
Edwards-Anderson parameter and local Ising nematicity in FeSe revealed via NMR spectral broadening (8 pages)	125134
Paul Wiecki, Rui Zhou, Marc-Henri Julien, Anna E. Böhmer, and Jörg Schmalian	
Novel family of topological semimetals with butterflylike nodal lines (7 pages)	125135
Xiaoting Zhou, Chuang-Han Hsu, Hugo Aramberri, Mikel Iraola, Cheng-Yi Huang, Juan L. Mañes, Maia G. Vergniory, Hsin Lin, and Nicholas Kioussis	
Ni^{3+} -induced semiconductor-to-metal transition in spinel nickel cobaltite thin films (12 pages)	125136
X. C. Huang, W.-W. Li, S. Zhang, F. E. Oropeza, G. Gorni, V. A. de la Peña-O'Shea, T.-L. Lee, M. Wu, L.-S. Wang, D.-C. Qi, L. Qiao, J. Cheng, and K. H. L. Zhang	
Modified <i>GW</i> method in electronic systems (15 pages)	125137
Zhipeng Sun, Zhenhao Fan, Hui Li, Dingping Li, and Baruch Rosenstein	
Quantum phases of a frustrated spin-1 system: The 5/7 skewed ladder (8 pages)	125138
Sambunath Das, Dayasindhu Dey, Manoranjan Kumar, and S. Ramasesha	
Role of Majorana fermions in spin transport of anisotropic Kitaev model (8 pages)	125139
Hirokazu Taguchi, Yuta Murakami, Akihisa Koga, and Joji Nasu	
Spread-balanced Wannier functions: Robust and automatable orbital localization (12 pages)	125140
Pietro F. Fontana, Ask H. Larsen, Thomas Olsen, and Kristian S. Thygesen	
Parametrizations of local vertex corrections from weak to strong coupling: Importance of the Hedin three-leg vertex (13 pages)	125141
Viktor Harkov, Alexander I. Lichtenstein, and Friedrich Krien	
Three-dimensional network model for strong topological insulator transitions (15 pages)	125142
Jun Ho Son and S. Raghu	
Nuclear spin-lattice relaxation time in UCoGe (4 pages)	125143
V. P. Mineev	

(Continued)

Dispersion forces between weakly disordered van der Waals crystals (<i>9 pages</i>)	125111
Jonas von Milczewski and John R. Tolsma	
Progress towards understanding ultranonlocality through the wave-vector and frequency dependence of approximate exchange-correlation kernels (<i>9 pages</i>)	125112
Niraj K. Nepal, Aaron D. Kaplan, J. M. Pitarke, and Adrienn Ruzsinszky	
Non-Hermitian Lindhard function and Friedel oscillations (<i>6 pages</i>)	125113
Balázs Dóra, Doru Sticlet, and Cătălin Pașcu Moca	
Single particle properties of the two-dimensional Hubbard model for real frequencies at weak coupling: Breakdown of the Dyson series for partial self-energy expansions (<i>9 pages</i>)	125114
B. D. E. McNiven, G. T. Andrews, and J. P. F. LeBlanc	
Thermoelectric transport within density functional theory (<i>10 pages</i>)	125115
Nahual Sobrino, Florian Eich, Gianluca Stefanucci, Roberto D'Agosta, and Stefan Kurth	
Magnetic superexchange couplings in Sr_2IrO_4 (<i>13 pages</i>)	125116
Guoren Zhang and Eva Pavarini	
Quantum Monte Carlo study of honeycomb antiferromagnets under a triaxial strain (<i>11 pages</i>)	125117
Junsong Sun, Nvsen Ma, Tao Ying, Huaiming Guo, and Shiping Feng	
☞ Fragile versus stable two-dimensional fermionic quasiparticles (<i>19 pages</i>)	125118
Seongjin Ahn and Sankar Das Sarma	
Composite fermion nonlinear sigma models (<i>16 pages</i>)	125119
Chao-Jung Lee, Prashant Kumar, and Michael Mulligan	
Superconductivity of incoherent electrons in the Yukawa Sachdev-Ye-Kitaev model (<i>21 pages</i>)	125120
Laura Classen and Andrey Chubukov	
Anisotropic time-domain electronic response in cuprates driven by midinfrared pulses (<i>8 pages</i>)	125121
F. Giusti, A. Montanaro, A. Marciniak, F. Randi, F. Boschini, F. Glerean, G. Jarc, H. Eisaki, M. Greven, A. Damascelli, A. Avella, and D. Fausti	
Magnetic states of the quasi-one-dimensional iron chalcogenide Ba_2FeS_3 (<i>12 pages</i>)	125122
Yang Zhang, Ling-Fang Lin, Gonzalo Alvarez, Adriana Moreo, and Elbio Dagotto	
Fluctuation effects at the onset of $2k_F$ density wave order with two pairs of hot spots in two-dimensional metals (<i>18 pages</i>)	125123
Jáchym Sýkora and Walter Metzner	
Universal conductance of a $\mathcal{PT}$ -symmetric Luttinger liquid after a quantum quench (<i>8 pages</i>)	125124
Cătălin Pașcu Moca and Balázs Dóra	
Electron-magnon coupling and quasiparticle lifetimes on the surface of a topological insulator (<i>12 pages</i>)	125125
Kristian Mæland, Håkon I. Røst, Justin W. Wells, and Asle Sudbø	
Accurate total energies from the adiabatic-connection fluctuation-dissipation theorem (<i>12 pages</i>)	125126
N. D. Woods, M. T. Entwistle, and R. W. Godby	
Superconductivity in PtPb_4 with possible nontrivial band topology (<i>9 pages</i>)	125127
C. Q. Xu, B. Li, L. Zhang, J. Pollanen, X. L. Yi, X. Z. Xing, Y. Liu, J. H. Wang, Zengwei Zhu, Z. X. Shi, Xiaofeng Xu, and X. Ke	

(Continued)

CONTENTS - *Continued*

PHYSICAL REVIEW B

THIRD SERIES, VOLUME 104, NUMBER 12

SEPTEMBER 2021-15(II)

Identifying Majorana bound states by tunneling shot-noise tomography (6 pages)	L121406
Vivien Perrin, Marcello Civelli, and Pascal Simon	
Probing metal-molecule contact at the atomic scale via conductance jumps (8 pages)	L121407
Biswajit Pabi, Debayan Mondal, Priya Mahadevan, and Atindra Nath Pal	
Enhancement of exciton valley polarization in monolayer MoS ₂ induced by scattering (5 pages)	L121408
Yueh-Chun Wu, Takashi Taniguchi, Kenji Watanabe, and Jun Yan	
Generalized first-principles method to study near-field heat transfer mediated by Coulomb interaction (6 pages)	L121409
Tao Zhu and Jian-Sheng Wang	
Z ₄ parafermion $\pm\pi/2$ modes in an interacting periodically driven superconducting chain (6 pages)	L121410
Raditya Weda Bomantara	

ARTICLES

Electronic structure and strongly correlated systems

Collective electronic excitations in charge density wave systems: The case of CuTe (9 pages)	125101
Pierluigi Cudazzo and Ludger Wirtz	
Non-Hermitian Hubbard model without the sign problem (5 pages)	125102
Tomoya Hayata and Arata Yamamoto	
Spin-orbit-assisted electron pairing in one-dimensional waveguides (13 pages)	125103
François Damanet, Elliott Mansfield, Megan Briggeman, Patrick Irvin, Jeremy Levy, and Andrew J. Daley	
Photoemission signature of momentum-dependent hybridization in CeCoIn ₅ (14 pages)	125104
R. Kurlito, M. Fidrysiak, L. Nicolăi, J. Minár, M. Rosmus, Ł. Walczak, A. Tejada, J. E. Rault, F. Bertran, A. P. Kądziaława, D. Legut, D. Gnida, D. Kaczorowski, K. Kissner, F. Reinert, J. Spałek, and P. Starowicz	
Surface theory of a second-order topological insulator beyond the Dirac approximation (9 pages)	125105
B. A. Levitan, L. Goutte, and T. Pereg-Barnea	
Atomic-scale mapping of pressure-induced deformations and phase defects in the charge density wave order parameter (6 pages)	125106
M. K. Kinyanjui, J. Ebad-Allah, M. Krottenmüller, and C. A. Kuntscher	
Stability, phase transitions, and numerical breakdown of fractional Chern insulators in higher Chern bands of the Hofstadter model (14 pages)	125107
Bartholomew Andrews, Titus Neupert, and Gunnar Möller	
Spin-current Kondo effect: Kondo effect in the presence of spin accumulation (9 pages)	125108
Damian Tomaszewski, Piotr Busz, and Jan Martinek	
Non-Hermitian skin effect beyond the tight-binding models (11 pages)	125109
Stefano Longhi	
Understanding the ferromagnetic insulating state in Cr-doped VO ₂ : Density functional and tight binding calculations (8 pages)	125110
Shishir Kumar Pandey, Abhinav Kumar, Sagar Sarkar, and Priya Mahadevan	

(Continued)

Evidence for correlation effects in noncentrosymmetric type-II Weyl semimetals (<i>6 pages</i>)	L121112
M. Corasaniti, R. Yang, Z. Hu, M. Abeykoon, C. Petrovic, and L. Degiorgi	
Strong suppression of electron convection in Dirac and Weyl semimetals (<i>7 pages</i>)	L121113
P. O. Sukhachov, E. V. Gorbar, and I. A. Shovkovy	
Characterization of topological insulators based on the electronic polarization with spiral boundary conditions (<i>5 pages</i>)	L121114
Masaaki Nakamura, Shohei Masuda, and Satoshi Nishimoto	
Band structure and superconductivity in twisted trilayer graphene (<i>6 pages</i>)	L121116
Võ Tiến Phong, Pierre A. Pantaleón, Tommaso Cea, and Francisco Guinea	
Nontopological chiral chemical potential due to the Zeeman field in magnetic Weyl semimetals (<i>6 pages</i>)	L121117
Yi-Hang Lei, Yong-Long Zhou, Hou-Jian Duan, Ming-Xun Deng, Zhi-En Lu, and Rui-Qiang Wang	
Metal-insulator transition and intermediate phases in the kagome lattice Hubbard model (<i>6 pages</i>)	L121118
Rong-Yang Sun and Zheng Zhu	
Lattice flexibility in $\text{Ca}_3\text{Ru}_2\text{O}_7$: Control of electrical transport via anisotropic magnetostriction (<i>7 pages</i>)	L121119
Hengdi Zhao, Hao Zheng, Jasminka Terzic, Wenhai Song, Yifei Ni, Yu Zhang, Pedro Schlottmann, and Gang Cao	
Semiconductors I: bulk	
Thermal transport signatures of the excitonic transition and associated phonon softening in the layered chalcogenide Ta_2NiSe_5 (<i>5 pages</i>)	L121201
Yuan-Shan Zhang, Jan A. N. Bruin, Yosuke Matsumoto, Masahiko Isobe, and Hidenori Takagi	
High-harmonic generation in GaAs beyond the perturbative regime (<i>6 pages</i>)	L121202
Peiyu Xia, Tomohiro Tamaya, Changsu Kim, Faming Lu, Teruto Kanai, Nobuhisa Ishii, Jiro Itatani, Hidefumi Akiyama, and Takeo Kato	
Semiconductors II: surfaces, interfaces, microstructures, and related topics	
Coulomb interactions and effective quantum inertia of charge carriers in a macroscopic conductor (<i>6 pages</i>)	L121301
A. Delgard, B. Chenaud, U. Gennser, A. Cavanna, D. Mailly, P. Degiovanni, and C. Chaubet	
Surface physics, nanoscale physics, low-dimensional systems	
Spin current at a magnetic junction as a probe of the Kondo state (<i>5 pages</i>)	L121401
T. Yamamoto, T. Kato, and M. Matsuo	
Double nuclear spin relaxation in hybrid quantum Hall systems (<i>6 pages</i>)	L121402
M. H. Fauzi, William J. Munro, Kae Nemoto, and Y. Hirayama	
Van der Waals heterostructure $\text{Pt}_2\text{HgSe}_3/\text{CrI}_3$ for topological valleytronics (<i>6 pages</i>)	L121403
Zheng Liu, Yulei Han, Yafei Ren, Qian Niu, and Zhenhua Qiao	
Weak adhesion between deposited rough films: Relation to dispersion forces (<i>6 pages</i>)	L121404
I. A. Soldatenkov, G. Palasantzas, and V. B. Svetovoy	
Chiral magic-angle twisted bilayer graphene in a magnetic field: Landau level correspondence, exact wave functions, and fractional Chern insulators (<i>6 pages</i>)	L121405
Yarden Sheffer and Ady Stern	

(Continued)

LETTERS

Electronic structure and strongly correlated systems

Disorder-driven phase transition in the second-order non-Hermitian skin effect (6 pages)	L121101
Kyoung-Min Kim and Moon Jip Park	
Orbital engineering in YVO ₃ -LaAlO ₃ superlattices (6 pages)	L121102
P. Radhakrishnan, B. Geisler, K. Fürsich, D. Putzky, Y. Wang, S. E. Ilse, G. Christiani, G. Logvenov, P. Wochner, P. A. van Aken, E. Goering, R. Pentcheva, and E. Benckiser	
Topological quantum many-body scars in quantum dimer models on the kagome lattice (6 pages)	L121103
Julia Wildeboer, Alexander Seidel, N. S. Srivatsa, Anne E. B. Nielsen, and Onur Erten	
Origin of the different electronic structure of Rh- and Ru-doped Sr ₂ IrO ₄ (5 pages)	L121104
Véronique Brouet, Paul Foulquier, Alex Louat, François Bertran, Patrick Le Fèvre, Julien E. Rault, and Dorothée Colson	
Topological band theory of a generalized eigenvalue problem with Hermitian matrices: Symmetry-protected exceptional rings with emergent symmetry (6 pages)	L121105
Takuma Isobe, Tsuneya Yoshida, and Yasuhiro Hatsugai	
Graviton chirality and topological order in the half-filled Landau level (6 pages)	L121106
F. D. M. Haldane, E. H. Rezayi, and Kun Yang	
Control of a polar order via magnetic field in a vector-chiral magnet (6 pages)	L121107
Martina Dragičević, David Rivas Góngora, Željko Rapljenović, Mirta Herak, Vedran Brusar, Damir Altus, Matej Pregelj, Andrej Zorko, Helmuth Berger, Denis Arčon, and Tomislav Ivek	
Higher-order topological insulator phase in a modified Haldane model (7 pages)	L121108
Baokai Wang, Xiaoting Zhou, Hsin Lin, and Arun Bansil	
Fourth-order exceptional points in correlated quantum many-body systems (6 pages)	L121109
L. Crippa, J. C. Budich, and G. Sangiovanni	
Melting phase diagram of bubble phases in high Landau levels (5 pages)	L121110
K. A. Villegas Rosales, S. K. Singh, H. Deng, Y. J. Chung, L. N. Pfeiffer, K. W. West, K. W. Baldwin, and M. Shayegan	
Adiabatic construction of hierarchical quantum Hall states (5 pages)	L121111
Martin Greiter and Frank Wilczek	

