

LETTERS

Electronic structure and strongly correlated systems

- Non-Abelian charge conversion in bilayer binary honeycomb lattice systems (8 pages) L081101
Chiranjit Mondal, Rasoul Ghadimi, and Bohm-Jung Yang
- ☞ Coexisting massive and massless Dirac fermions in moiré-reconstructed bilayer graphene (6 pages) L081102
Mohit Kumar Jat, Kenji Watanabe, Takashi Taniguchi, and Aweek Bid
- ☞ Scattering bounds in asymmetric resonators stemming from the topological phase (7 pages) L081103
Ming Kang, Tianmeng Zhang, Huanan Li, Jing Chen, and Andrea Alù
- Electron-phonon couplings in polymorphous crystals (10 pages) L081104
Marios Zacharias, George Volonakis, Laurent Pedesseau, Claudine Katan, Feliciano Giustino, and Jacky Even
- Fermi-liquid T^2 resistivity: Dynamical mean-field theory meets experiment (8 pages) L081105
Fabian B. Kugler, Jeremy Lee-Hand, Harrison LaBollita, Lorenzo Van Muñoz, Jason Kaye, Sophie Beck, Alexander Hampel, Antoine Georges, and Cyrus E. Dreyer
- Site-polarized Mott phases competing with a correlated metal in twisted WSe₂ (9 pages) L081106
Siheon Ryee, Lennart Klebl, Gautam Rai, Ammon Fischer, Valentin Crépel, Lede Xian, Angel Rubio, Dante M. Kennes, Roser Valentí, Andrew J. Millis, Antoine Georges, and Tim O. Wehling
- Giant field induced unconventional anomalous Hall conductivity in the noncentrosymmetric Weyl metal CeCoGe₃ (8 pages) L081107
Zihao Shen, Lotte A. Borkowski, Anirudha Menon, Aaron Austin, Peter Klavins, Sergey Savrasov, and Valentin Taufour
- ☞ Mott transition from the nonanalyticity of the one-body reduced density-matrix functional (6 pages) L081108
Zhengqian Cheng and Chris A. Marianetti
- First-principles phase diagram of an interacting ionic chain (6 pages) L081109
Jamin Kidd, Ruiqi Zhang, Shao-Kai Jian, and Jianwei Sun
- Thermodynamics of analogue black holes in a non-Hermitian tight-binding model (6 pages) L081110
D. F. Muñoz-Arboleda, M. Stålhammar, and C. Morais Smith
- ### Semiconductors II: surfaces, interfaces, microstructures, and related topics
- Observation of quasibound states in open quantum wells of cesiated *p*-doped GaN surfaces (6 pages) L081301
Mylène Sauty, Jean-Philippe Banon, Nicolas M. S. Lopes, Tanay Tak, James S. Speck, Claude Weisbuch, and Jacques Peretti



(Continued)



2469-9950(20260215)113:8;1-5

Surface physics, nanoscale physics, low-dimensional systems

 Heat Coulomb blockade in a double-island metal-semiconductor device (7 pages)	L081401
A. V. Parafilo	
Electronic quantum effects induce strong coupling between plasmon, Bennett, and charge-transfer modes (8 pages)	L081402
Bo Ren, Chen Wei, Fuhua Gao, Cristian Ciraci, Antonio I. Fernández-Domínguez, and Fan Yang	
Magnetorotons in moiré fractional Chern insulators (6 pages)	L081403
Xiaoyang Shen, Chonghao Wang, Xiaodong Hu, Ruiping Guo, Hong Yao, Chong Wang, Wenhui Duan, and Yong Xu	
Continuously tunable Raman polarization in non-Hermitian anisotropic microcavity polaritons (7 pages)	L081404
P. Das, D. Chakrabarty, A. Dhara, K. Ghosh, A. Roy Chaudhuri, and S. Dhara	
Unconventional intervalley scattering around an anisotropic atomic collapse potential (8 pages)	L081405
Hui-Ying Ren, Yu-Chen Zhuang, Wen-Xin Zhao, Ya-Ning Ren, Qing-Feng Sun, and Lin He	

ARTICLES**Electronic structure and strongly correlated systems**

Many-body and QED effects in electron-atom inelastic scattering in electron energy loss spectroscopy (22 pages)	085101
Ioannis Iatrakis and Valerii Brudanin	
Average density of Bloch electrons in a homogeneous magnetic field: A second-order response (13 pages)	085102
Benjamin M. Fregoso	
Unconventional early-time relaxation in the Rydberg chain (8 pages)	085103
Martin Schnee, Roya Radgohar, and Stefanos Kourtis	
Emergence of a Fermi surface in the current-driven hidden state of 1T-TaS ₂ (10 pages)	085104
Yuval Nitzav, Roni Anna Gofman Kiassi, Ilay Mangel, Abigail Dishi, Nitzan Ragoler, Sajilesh K. P., Yaron Jarach, Alex Louat, Matthew D. Watson, Cephise Cacho, Irena Feldman, and Amit Kanigel	
Multiplicative Chern insulator: Generalized bulk-boundary correspondences, 4π Aharonov-Bohm effect, and adiabatic evolution to topological skyrmion phase with symmetry breaking (7 pages)	085105
Archi Banerjee and Ashley M. Cook	
Locating the Ising conformal field theory via the ground-state energy on the fuzzy sphere (10 pages)	085106
Kay Jörg Wiese	
Influence of leads on signatures of strongly correlated zero-bias anomaly in double quantum dot measurements (7 pages)	085107
Caden Drover, R. L. Irvine, and Rachel Wortis	
Nature of the topological transition of the Kitaev model in [111] magnetic field (11 pages)	085108
S. Thiagarajan, C. Watson, T. Yzeiri, H. Hu, B. Uchoa, and F. Krüger	
Efficient iPEPS simulation on the honeycomb lattice via QR-based corner transfer matrix renormalization group (12 pages)	085109
Qi Yang and Philippe Corboz	

(Continued)

Gauging nexus between topological and fracton phases (26 pages)	085110
Pranay Gorantla, Abhinav Prem, Nathanan Tantivasadakarn, and Dominic J. Williamson	
Defect engineering spin centers in interacting many-body Su-Schrieffer-Heeger chains (12 pages)	085111
Lin Wang, Thomas Luu, and Ulf-G. Meißner	
Efficient band structure unfolding with atom-centered orbitals: General theory and application (14 pages)	085112
Jingkai Quan, Nikita Rybin, Matthias Scheffler, and Christian Carbogno	
Finite temperature dopant-induced spin reorganization explored via tensor networks in the two-dimensional t - J model (13 pages)	085113
Yintai Zhang, Aritra Sinha, Marek M. Rams, and Jacek Dziarmaga	
Quantum critical point followed by Kondo-like behavior due to Cu substitution in the itinerant antiferromagnet $\text{La}_2(\text{Cu}_x\text{Ni}_{1-x})_7$ (25 pages)	085114
Atreyee Das, Siham Mohamed, Raquel A. Ribeiro, Tyler J. Slade, Juan Schmidt, Chandan Setty, Sergey L. Bud'ko, and Paul C. Canfield	
Hidden radial spin polarization mediated by chiral sublattice symmetry (8 pages)	085115
Wei Tan, Zeyu Jiang, Guangcheng Yang, and Bing Huang	
Spin-degenerate bulk bands and topological surface states associated with Dirac nodal lines in RuO_2 (18 pages)	085116
Takumi Osumi, Kunihiko Yamauchi, Seigo Souma, Shubhankar Paul, Asuka Honma, Kosuke Nakayama, Kenichi Ozawa, Miho Kitamura, Koji Horiba, Hiroshi Kumigashira, Chiara Bigi, François Bertran, Tamio Oguchi, Takashi Takahashi, Yoshiteru Maeno, and Takafumi Sato	
Evolution from a heavy-fermion metal to an antiferromagnetic insulator in the A -site ordered perovskite $\text{PbCu}_3\text{Ru}_{4-x}\text{Ti}_x\text{O}_{12}$ (11 pages)	085117
Ruifeng Tian, Jie Chen, Feng Wu, Jiayi Guan, Zhiyan Shao, Wei Wu, Mingwei Ma, Zhiwei Hu, Haoyu Zheng, Pengda Ye, Yuxiang Chen, Hua Zhang, Yanfeng Guo, Meiling Jin, Jiabin Qiao, Fan Yang, and Xiang Li	
🔗 Roadmap for electronic structure, anharmonicity, and electron-phonon calculations in locally disordered inorganic and hybrid halide perovskites (45 pages)	085118
Marios Zacharias, George Volonakis, Laurent Pedesseau, Claudine Katan, Feliciano Giustino, and Jacky Even	
🔗 Strong-coupling superconductivity near Gross-Neveu quantum criticality in Dirac systems (15 pages)	085119
Veronika C. Stangier, Daniel E. Sheehy, and Jörg Schmalian	
Generalized Lanczos method for systematic optimization of neural-network quantum states (12 pages)	085120
Jia-Qi Wang, Rong-Qiang He, and Zhong-Yi Lu	
Restoring the point-and-charge gradient expansion for strong interaction density functionals (15 pages)	085121
Lucian A. Constantin, Faisal Naeem, Eduardo Fabiano, Fulvio Sarcinella, and Fabio Della Sala	
Accurate surface and interfacial properties from a nonempirical range-separated dielectric-dependent hybrid functional (13 pages)	085122
Arghya Ghosh, Subrata Jana, Dimple Rani, Szymon Śmiga, Manish K Niranjana, and Prasanjit Samal	
Statistics-encoded tensor network approach in disordered quantum many-body spin chains (7 pages)	085123
Hao Zhu, Ding-Zu Wang, Shi-Ju Ran, and Guo-Feng Zhang	

(Continued)



Topological phase diagram of twisted bilayer graphene as a function of the twist angle (<i>15 pages</i>)	085124
Leonardo A. Navarro-Labastida, Pierre A. Pantaleón, Francisco Guinea, and Gerardo G. Naumis	
Low-temperature transport in high-conductivity correlated metals: A density functional plus dynamical mean-field study of cubic perovskites (<i>15 pages</i>)	085125
Harrison LaBollita, Jeremy Lee-Hand, Fabian B. Kugler, Lorenzo Van Muñoz, Sophie Beck, Alexander Hampel, Jason Kaye, Antoine Georges, and Cyrus E. Dreyer	
Electronic frustration with quantum dissipation: Entropy, coherence, sign problem, and time evolution (<i>24 pages</i>)	085126
Rapti Pal and Nancy Makri	
Machine learning approach for vibronically renormalized electronic band structures (<i>15 pages</i>)	085127
Niraj Aryal, Sheng Zhang, Weiguo Yin, and Gia-Wei Chern	
Magnetic fluctuations near the Van Hove singularity in the kagome-lattice Hubbard model at finite doping (<i>7 pages</i>)	085128
Jingyao Wang, Zixuan Jia, Zenghui Fan, Qingzhuo Duan, and Tianxing Ma	
Electronic and structural properties of Rh- and Pd-based kagome layered shandites from first principles (<i>20 pages</i>)	085129
Luca Buiarelli, Turan Birol, Brian M. Andersen, and Morten H. Christensen	
Simulating bulk gap in chiral projected entangled pair states (<i>7 pages</i>)	085130
Ji-Yao Chen, Yi Tan, Sylvain Capponi, Didier Poilblanc, Fei Ye, and Jia-Wei Mei	
Exact description of fermionic reservoirs via purified damped ancillary fermions (<i>14 pages</i>)	085131
Pengfei Liang, Neill Lambert, and Mauro Cirio	
Unrestricted Hartree-Fock analysis of the Hubbard model on single-layer graphene and Bernal bilayer graphene (<i>16 pages</i>)	085132
Robin Scholle and Laura Classen	
Origin of the large topological Hall effect in the EuCd ₂ Sb ₂ antiferromagnet (<i>9 pages</i>)	085133
Faheem Gul, Orest Pavlosiuk, Tetiana Romanova, Dariusz Kaczorowski, and Piotr Wiśniewski	
Neuralized fermionic tensor networks for quantum many-body systems (<i>13 pages</i>)	085134
Si-Jing Du, Ao Chen, and Garnet Kin-Lic Chan	
Unconventional superconducting correlations in fermionic many-body scars (<i>19 pages</i>)	085135
Kiryl Pakrouski and K. V. Samokhin	
Variational study of the magnetization plateaus of the spin- $\frac{1}{2}$ kagome Heisenberg antiferromagnet and its implication on YCu ₃ (OH) ₆ Br ₂ [Br _{1-x} (OH) _x] (<i>11 pages</i>)	085136
Rong Cheng and Tao Li	
Qubit parametrization of the variational discrete action theory for the multiorbital Hubbard model (<i>41 pages</i>)	085137
Zhengqian Cheng and Chris A. Marianetti	
Global anomalies of Green's function zeros (<i>7 pages</i>)	085138
Lei Su and Ivar Martin	

(Continued)

Gauging modulated symmetries via multiple gauge symmetry operators and adaptive quantum circuits (<i>15 pages</i>)	085139
Jintae Kim, Jong Yeon Lee, and Jung Hoon Han	
Weyl nodes in CeRu ₄ Sn ₆ studied by dynamical mean field theory (<i>10 pages</i>)	085140
Jorūnas Dobilas, Martin Braß, Frank T. Ebel, Silke Paschen, and Karsten Held	
Low spin-flip probability of Kondo scattering in Cu channels with dilute Fe impurities (<i>7 pages</i>)	085141
Xingyu Shen and Yi Ji	
Anomalous current–electric field characteristics in transport through a nanoelectromechanical system (<i>15 pages</i>)	085142
Chengjie Wu, Yi Ding, Yiyang Yan, Yuguo Su, Elijah Omollo Ayieta, Slobodan Radošević, Georg Engelhardt, Gernot Schaller, and JunYan Luo	
Assessing the accuracy of exchange–correlation functionals in density functional theory for hydrogen–benzene and hydrogen–hydrogen interactions (<i>13 pages</i>)	085143
Yuta Kataoka and Ikutaro Hamada	
Disorder suppression of charge density waves in the honeycomb Holstein model (<i>10 pages</i>)	085144
Guangchao Li, Lifei Zhang, Tianxing Ma, Qionglin Dai, and Lufeng Zhang	
Electrically tunable RKKY interaction in Dirac semimetals (<i>11 pages</i>)	085145
Han Li, Zhuo-Hua Chen, Wei Luo, Hou-Jian Duan, Rong Ma, Rui-Qiang Wang, and Ming-Xun Deng	
Effect of lattice distortion on the band structure and magnetism in the annealed kagome magnet FeGe (<i>7 pages</i>)	085146
Ao Zhang, Run Yang, Yiyuan Zhu, Zhixiang Shi, Xueliang Wu, Aifeng Wang, Bingke Ji, Yaomin Dai, and Jianzhou Zhao	
Interplay of charge carrier and antiferromagnetic order in metallic triangular lattice GdZn ₃ P ₃ (<i>13 pages</i>)	085147
Jiesen Guo, Fan Yang, Yuzhou He, Xinyang Liu, Zheng Deng, Qinghua Zhang, Xiancheng Wang, Xianlei Sheng, Wei Li, Changqing Jin, and Kan Zhao	
Neodymium ions as charge reservoir in NdNiO ₂ : From lack of long-range order to electron-doping-induced antiferromagnetism (<i>12 pages</i>)	085148
Adam Kłosiński, Roman Drachynskiy, Krzysztof Wohlfeld, and Wojciech Brzezicki	
Spin-orbit coupled periodic Anderson model: Kondo-Dirac semimetal and orbital-selective antiferromagnetic semimetal (<i>12 pages</i>)	085149
Sebastião dos Anjos Sousa-Júnior, Julián Faúndez, and Rubem Mondaini	
Thermal tensor network simulations of lattice fermions with fixed filling (<i>10 pages</i>)	085150
Qiaoyi Li, Dai-Wei Qu, Bin-Bin Chen, Tao Shi, and Wei Li	

Semiconductors I: bulk

 Raman spectroscopy at 1550 nm: Resonant enhancement of two-phonon scattering in MoTe ₂ crystals (<i>13 pages</i>)	085201
Simone Sotgiu, Tommaso Venanzi, Muralidhar Nalabothula, Elena Stellino, Erica Fragomeni, Alessandro Nucara, Michele Ortolani, Ludger Wirtz, and Leonetta Baldassarre	

(Continued)

Intervalley scattering as the origin of anomalous charge transport in n -type Mg_3Sb_2 (7 pages)	085202
Zongwei Zhang, Miao Zhang, Yifan Zhou, Minhui Yuan, Jianfeng Cai, Chuandong Zhou, Lianghan Fan, Zhoumin Jiang, Guoqiang Liu, Xinyu Wang, and Jun Jiang	
Magnetic-field-induced nonlocal transport in the topological semimetal ZrTe_5 (6 pages)	085203
Yongjian Wang, A. A. Taskin, and Yoichi Ando	
Dynamic polarization of nuclear spins by optically oriented electrons and holes in lead halide perovskite semiconductors (22 pages)	085204
Mladen Kotur, Pavel S. Bazhin, Kirill V. Kavokin, Nataliia E. Kopteva, Dmitri R. Yakovlev, Dennis Kudlacik, and Manfred Bayer	
High-performance GPU implementation of Wannier interpolation of the electron-phonon interaction for transport properties (14 pages)	085205
Zhe Liu, Guijian Pang, Bo Zhang, Zheyong Fan, and Wu Li	
Crystal growth and thermoelectric properties of semiconducting $\text{Bi}_{1-x}\text{Sb}_x$ alloys (12 pages)	085206
Shuyue Guan, Xinxuan Lin, and Shuang Jia	
Real-time simulations of laser-induced electron excitations in crystalline ZnO (14 pages)	085208
Xiao Chen, Thomas Lettau, Ulf Peschel, Nicolas Tancogne-Dejean, and Silvana Botti	
Semiconductors II: surfaces, interfaces, microstructures, and related topics	
Electrical interconnects for silicon spin qubits (25 pages)	085301
Christopher David White, Anthony Sigillito, and Michael J. Gullans	
 Braiding Majoranas in a linear quantum dot–superconductor array: Mitigating the errors from Coulomb repulsion and residual tunneling (15 pages)	085302
Sebastian Miles, Francesco Zatelli, A. Mert Bozkurt, Michael Wimmer, and Chun-Xiao Liu	
Fragility of antichiral edge states in a modified Haldane model (9 pages)	085303
Shuguang Cheng	
Surface physics, nanoscale physics, low-dimensional systems	
Near-field radiative heat transfer mediated by monolayer lateral heterostructures (11 pages)	085401
Cheng-Long Zhou, Dong-Xu Li, Gui-Cheng Cui, Yong Zhang, and Hong-Liang Yi	
Parametric instability of plasma waves in graphene excited by a high-frequency electric field (7 pages)	085402
V. L. Malevich	
Spin-polarized scanning tunneling microscopy measurement scheme for determining the quantum geometric tensor (10 pages)	085403
Shu-Hui Zhang, Jin Yang, Ding-Fu Shao, Jia-Ji Zhu, Wen-Long You, Wen Yang, and Kai Chang	
Spatial extension and coupling of magnetic bound states in the superconducting topological crystalline insulator SnTe (14 pages)	085404
Shuai Shao, Yiqi Wang, Hongyuan Chen, Jie Cai, Xiaolong Ma, Jinan Chen, Ruijun Xi, DanDan Guan, Xiaoxue Liu, Liang Liu, ShiYong Wang, CanHua Liu, YaoYi Li, Hao Zheng, Hao Yang, and JinFeng Jia	
Observation of loss-induced topological bound states in the continuum (8 pages)	085405
Jiaju Wu, Bintao Wu, Xu Yang, Peipei Chen, Huazheng Wu, Chaoyang Wang, Shaowei Jiang, and Na Liu	

(Continued)

Casimir-Lifshitz interaction between bodies integrated in a microelectromechanical/nanoelectromechanical quantum damped oscillator (8 pages)	085406
Yu. S. Barash	
Electronic band structure and anisotropic dielectric response of PtS ₂ from angle-resolved photoemission spectroscopy, spectroscopic ellipsometry, and density functional theory: An indirect-gap hyperbolic van der Waals semiconductor (8 pages)	085407
Debasis Dutta, Marcin Rosmus, Grazia Giuseppina Politano, Chia-Nung Kuo, Carlo Rizza, Gianluca D'Olimpio, Chin Shan Lue, Amit Agarwal, and Antonio Politano	
Origin of moiré potentials in WS ₂ /WSe ₂ heterobilayers: Contributions from lattice reconstruction and interlayer charge transfer (9 pages)	085408
Youwen Wang, Nanya Gao, and Qingjun Tong	
Topological charges, Fermi arcs, and surface states of K ₄ crystal (13 pages)	085409
Shouya Yoshida, Katsuhiko Takahashi, and Katsunori Wakabayashi	
Torsional Hall viscosity of massive Chern insulators: Magnetic field and momentum deformations (19 pages) . . .	085410
Ioannis Matthaiakakis, Weizhen Jia, Raffael L. Klees, David Rodríguez Fernández, Zhuo-Yu Xian, René Meyer, Johanna Erdmenger, and Ewelina M. Hankiewicz	
Two-dimensional ferromagnetic MoSeX (X = F, Cl, Br, I) with large out-of-plane piezoelectricity exhibiting an electronegativity difference ratio effect (13 pages)	085411
Gui-Juan Du, Xiao Shang, Dan-Yang Zhu, Min Tao, Fu-Chun Liu, Shou-Xin Cui, Zeng-Tao Lv, and Xiao-Chun Wang	
Casimir-Lifshitz torque between cholesteric DNA stacks (7 pages)	085412
Wijnand Broer, Lixin Ge, Fei Xue, Yi-Chong Ren, and Rudolf Podgornik	
Global Floquet band braiding in non-Hermitian space-time crystals (13 pages)	085413
Xianru Qin, Weixuan Zhang, Wenhui Cao, and Xiangdong Zhang	
 Enhancing far-field thermal radiation by Floquet engineering (7 pages)	085414
Huimin Zhu, Yuhua Ren, Hui Pan, Gaomin Tang, Lei Zhang, and Jian-Sheng Wang	
Two-dimensional Rydberg excitons under out-of-plane magnetic fields (11 pages)	085415
Duc-Long Nguyen, Vo Khuong Dien, Nguyen Nhu Dat, Hoang Ngoc Cam, and Hieu T. Nguyen-Truong	
Efficient terahertz sensing with laser-induced undetected photons (12 pages)	085416
S. E. Shafraniuk	
Quantum Hall Andreev conversion in graphene nanostructures (17 pages)	085417
Alexey Bondarev, William H. Klein, and Harold U. Baranger	
Determining adsorbate diffusion coefficients on surfaces from helium-3 spin-echo measurements of atomistic dynamics (12 pages)	085418
Min Lin (林旻), Sam M. Lambrick, and Andrew P. Jardine	
Active tuning of general bound states in the continuum and polarization nodal line dynamics with mirror-symmetry breaking (8 pages)	085419
Yanyu Zhang, Qianju Song, Zao Yi, and Zigang Zhou	

(Continued)

 Distinguishing Majorana bound states from accidental zero-energy modes with a microwave cavity (23 pages).....	085420
Sarath Prem, Olesia Dmytruk, and Mircea Trif	
Exploration of optimal hyperfine transitions for spin-wave storage in $^{167}\text{Er}^{3+}:\text{Y}_2\text{SiO}_5$ (12 pages).....	085421
K. Matsuura, S. Yasui, R. Kaji, H. Sasakura, T. Tawara, and S. Adachi	
Steady-state skin effect in bosonic topological edge states under parametric driving (7 pages).....	085422
Nobuyuki Okuma	
Enabling the bulk photovoltaic effect in centrosymmetric materials through an external electric field (10 pages).....	085423
Guilherme J. Inacio, Juan José Esteve-Paredes, Maurício F. C. Martins Quintela, Wendel S. Paz, and Juan José Palacios	
Bulk photovoltaic effects in mirror-time symmetric systems (11 pages).....	085424
Bo-Xin Lin and Hsiu-Chuan Hsu	
Time-domain study of surface plasmon polariton propagation in silver nanowires (12 pages).....	085425
Wenhua Zhao, Álvaro Rodríguez Echarri, Alberto Eljarrat, Hannah C. Nerl, Thomas Kiel, Benedikt Haas, Henry Halim, Yan Lu, Christoph T. Koch, and Kurt Busch	
Intercalant-induced Kekule ordering and gap opening in quasifreestanding graphene (9 pages).....	085426
Huu Thoai Ngo, Zamin Mamiyev, Niklas Witt, Tim Wehling, and Christoph Tegenkamp	
 Intramolecular variations of Andreev reflection (12 pages).....	085427
Ankur Das, Nicolas Néel, and Jörg Kröger	
Coherent control of thermoelectric performance via engineered transmission functions in multidot Aharonov-Bohm heat engines (20 pages).....	085428
Sridhar, Salil Bedkihal, and Malay Bandyopadhyay	
Manipulation of multiple fermions in semimetal CoGe via nonlinear phononics (9 pages).....	085429
Jiali Yang, Xi Wu, Hongyu Chen, Benshu Fan, Han Li, Peizhe Tang, and Jia Li	
Quantum Kibble-Zurek mechanism: The role of boundary conditions, endpoints, and kink types (15 pages).....	085430
Jose Soto-Garcia and Natalia Chepiga	
Tight-binding and density-functional study of the Raman tensor in two-dimensional massive Dirac fermion systems (13 pages).....	085431
Selçuk Parlak, Abhishek Kumar, Runhan Li, Maia G. Vergniory, and Ion Garate	
Topological phase sensitive to the boundary conditions in a purely Hermitian multileg ladder with chiral symmetry (13 pages).....	085432
Chunhui Zhang and Li Sheng	
Persistent charge and spin currents in a ferromagnetic Hatano-Nelson ring (18 pages).....	085433
Sourav Karmakar, Sudin Ganguly, and Santanu K. Maiti	
Interface-mediated electronic detection of Néel order in $\mathcal{PT}$ -symmetric antiferromagnets (8 pages).....	085434
Jiaqi Bai, Lei Wang, and Ke Xia	