

CONTENTS - *Continued*

PHYSICAL REVIEW B

THIRD SERIES, VOLUME 107, NUMBER 8

FEBRUARY 2023-15(II)

Electrical circuit realization of topological switching for the non-Hermitian skin effect (<i>15 pages</i>)	085426
Hanxu Zhang, Tian Chen, Linhu Li, Ching Hua Lee, and Xiangdong Zhang	
Control of dephasing in spin qubits during coherent transport in silicon (<i>16 pages</i>)	085427
MengKe Feng, Jun Yoneda, Wister Huang, Yue Su, Tuomo Tantt, Chih Hwan Yang, Jesus D. Cifuentes, Kok Wai Chan, William Gilbert, Ross C. C. Leon, Fay E. Hudson, Kohei M. Itoh, Arne Laucht, Andrew S. Dzurak, and Andre Saraiva	
Qubit-environment entanglement outside of pure decoherence: Hyperfine interaction (<i>8 pages</i>)	085428
Tymoteusz Salamon, Marcin Płodzień, Maciej Lewenstein, and Katarzyna Roszak	
Mineral pressure gauge based on lattice stability and plasmonic enhancement of cobalt titanate under high pressure (<i>9 pages</i>)	085429
Wenming Qi, Pengwei Li, Min Gao, Anwar Hushur, and Hongyan Zhang	

Intrinsic layer-polarized anomalous Hall effect in bilayer MnBi_2Te_4 (6 pages)	085411
Rui Peng, Ting Zhang, Zhonglin He, Qian Wu, Ying Dai, Baibiao Huang, and Yandong Ma	
Ultrafast electron dynamics in Au/Fe/MgO(001) analyzed by Au- and Fe-selective pumping in time-resolved two-photon photoemission spectroscopy: Separation of excitations in adjacent metallic layers (7 pages)	085412
Y. Beyazit, F. Kühne, D. Diesing, P. Zhou, J. Jayabalan, B. Sothmann, and U. Bovensiepen	
Triggering superconductivity, semiconducting states, and ternary valley structure in graphene via functionalization with Si-N layers (7 pages)	085413
Luo Yan, Jiaojiao Zhu, Bao-Tian Wang, Peng-Fei Liu, Guangzhao Wang, Shengyuan A. Yang, and Liujiang Zhou	
Nanoscale infrared imaging and spectroscopy of hot-electron plasmons in graphene (7 pages)	085414
Yilong Luan, Marek Kolmer, Michael C. Tringides, and Zhe Fei	
Electron diffusion induced valley Hall effect and nonlinear galvanodiffusive transport in hexagonal two-dimensional Dirac monolayer materials (9 pages)	085415
A. V. Snegirev, V. M. Kovalev, and M. V. Entin	
Doping- and strain-tuned high Curie temperature half-metallicity and quantum anomalous Hall effect in monolayer NiAl_2S_4 with non-Dirac and Dirac states (15 pages)	085416
Yujie Wang, Chenchen Lou, Bao Zhao, Chunlan Ma, and Jiayong Zhang	
Probing Majorana bound states through an inhomogeneous Andreev double dot interferometer (14 pages)	085417
S. V. Aksenov	
First-principles studies of electronic properties in a $\text{Pt}_2\text{CdSe}_3/\text{Pt}_2\text{HgSe}_3$ Kane-Mele heterobilayer (7 pages)	085418
G. Santos-Castro, I. Guilhon, and J. M. Pereira, Jr.	
Current-driven collective dynamics of non-Hermitian edge vibrations in armchair graphene nanoribbons (9 pages)	085419
Wen-Hao Mao, Man-Yu Shang, and Jing-Tao Lü	
Scanning gate microscopy in graphene nanostructures (20 pages)	085420
Xianzhang Chen, Guillaume Weick, Dietmar Weinmann, and Rodolfo A. Jalabert	
Quantitative theory of backscattering in topological HgTe and $(\text{Hg,Mn})\text{Te}$ quantum wells: Acceptor states, Kondo effect, precessional dephasing, and bound magnetic polaron (13 pages)	085421
Tomasz Dietl	
Origin of contrasting trends of intrinsic electron mobility with tensile strain in hexagonal MoS_2 and triangular PdSe_2 (7 pages)	085422
Gege Du, Chunhui Li, and Long Cheng	
Tailoring the phase transition from topological superconductor to trivial superconductor induced by magnetic textures of a spin chain on a p -wave superconductor (15 pages)	085423
Pritam Chatterjee, Saurabh Pradhan, Ashis K. Nandy, and Arijit Saha	
Separation of quadrupole, spin, and charge across the magnetic phases of a one-dimensional interacting spin-1 gas (10 pages)	085424
Felipe Reyes Osorio and Karen Rodríguez Ramírez	
Emergence of flat bands in twisted bilayer C_3N induced by simple localization and destructive interference (10 pages)	085425
Dawei Kang, Zheng-wei Zuo, Weiwei Ju, and Zhaowu Wang	

(Continued)

Semiconductors II: surfaces, interfaces, microstructures, and related topics

Coexistence of two hole phases in high-quality p -GaAs/AlGaAs in the vicinity of Landau-level filling factors $\nu = 1$ and $\nu = (1/3)$ (9 pages)	085301
I. L. Drichko, I. Yu. Smirnov, A. V. Suslov, K. W. Baldwin, L. N. Pfeiffer, K. W. West, and Y. M. Galperin	
Supersymmetric non-Hermitian topological interface laser (12 pages)	085302
Motohiko Ezawa, Natsuko Ishida, Yasutomo Ota, and Satoshi Iwamoto	
Effects of spin-orbit coupling and in-plane Zeeman fields on the critical current in two-dimensional hole gas SNS junctions (11 pages)	085303
Jonas Lidal and Jeroen Danon	
Layer-dependent dielectric modulation in WS_2/GaN heterostructures (8 pages)	085304
Weiqing Tang, Zongnan Zhang, Hao Zeng, Yaping Wu, Zhiming Wu, Xu Li, Chunmiao Zhang, and Junyong Kang	

Surface physics, nanoscale physics, low-dimensional systems

Wiedemann-Franz law in graphene (13 pages)	085401
Yi-Ting Tu and Sankar Das Sarma	
Negative piezoelectricity and enhanced electrical conductivity at the interfaces of two-dimensional dialkali oxide and chalcogenide monolayers (16 pages)	085402
Anu Arora, Ashima Rawat, and Abir De Sarkar	
Superfluid transport in quantum spin chains (8 pages)	085403
Silas Hoffman, Daniel Loss, and Yaroslav Tserkovnyak	
Nonequilibrium Seebeck effect and thermoelectric efficiency of Kondo-correlated molecular junctions (13 pages)	085404
Anand Manaparambil and Ireneusz Weymann	
Quadrupolar photovoltaic effect in the terahertz range in a two-dimensional spin- $\frac{3}{2}$ hole system (9 pages)	085405
Mohsen Farokhnezhad, W. A. Coish, Reza Asgari, and Dimitrie Culcer	
Observation of highly anisotropic bulk dispersion and spin-polarized topological surface states in CoTe_2 (8 pages)	085406
Atasi Chakraborty, Jun Fujii, Chia-Nung Kuo, Chin Shan Lue, Antonio Politano, Ivana Vobornik, and Amit Agarwal	
Sublattice-enriched tunability of bound states in second-order topological insulators and superconductors (14 pages)	085407
Di Zhu, Majid Kheirkhah, and Zhongbo Yan	
Probing topological signatures in an optically driven $\alpha\text{-T}_3$ lattice (12 pages)	085408
Lakpa Tamang and Tutul Biswas	
Towards acoustic microscopy at the nanoscale by coupling atomic force microscopy with picosecond ultrasonics (8 pages)	085409
R. Delalande, D. Garcia-Sanchez, and L. Belliard	
Universal intrinsic higher-rank spin tensor Hall effect (9 pages)	085410
Ying Su, Junpeng Hou, and Chuanwei Zhang	

(Continued)

Electrical and thermal conductivity of fcc and hcp iron under conditions of the Earth's core from <i>ab initio</i> simulations (9 pages)	085145
Uwe Kleinschmidt, Martin French, Gerd Steinle-Neumann, and Ronald Redmer	
Landau level spectrum and magneto-optical conductivity in tilted Weyl semimetal (11 pages)	085146
Pu Liu, Chaoxi Cui, Xiao-Ping Li, Zhi-Ming Yu, and Yugui Yao	
Efficient Mott insulator-metal transition by an intense terahertz electric field pulse via quantum tunneling (14 pages)	085147
N. Takamura, T. Miyamoto, S. Liang, K. Asada, T. Terashige, Y. Takahashi, T. Hasegawa, and H. Okamoto	
U(1)-symmetric Gaussian fermionic projected entangled paired states and their Gutzwiller projection (10 pages)	085148
Jheng-Wei Li, Jan von Delft, and Hong-Hao Tu	
Tuning scintillation properties of Lu_2SiO_5 by Ce and Ca codoping (9 pages)	085149
Jiajia Cai and Yau-yuen Yeung	
Gating-induced Mott transition in NiS_2 (9 pages)	085150
Ezra Day-Roberts, Rafael M. Fernandes, and Turan Birol	
Floquet engineering of magnetic topological insulator MnBi_2Te_4 films (7 pages)	085151
Tongshuai Zhu, Huaiqiang Wang, and Haijun Zhang	
Inhomogeneous magnetic fields interacting with spinful states in a double quantum dot: Evidence for a staggered spin-orbit interaction (37 pages)	085152
L. C. Contamin, T. Cubaynes, W. Legrand, M. Marganska, M. Villiers, M. M. Desjardins, M. C. Dartailh, V. Vinet, Z. Leghtas, A. Thiaville, S. Rohart, A. Cottet, M. R. Delbecq, and T. Kontos	
Semiconductors I: bulk	
Topological contribution to magnetism in the Kane-Mele model: An explicit wave-function approach (20 pages)	085201
Soshun Ozaki and Masao Ogata	
Phonon transport in Cu_2GeSe_3 : Effects of spin-orbit coupling and higher-order phonon-phonon scattering (13 pages)	085202
Hezhu Shao, Daquan Ding, Ying Fang, Wei Song, Jielan Huang, Changkun Dong, and Hao Zhang	
Magnetoresistance signature of two-dimensional electronic states in $\text{Co}_3\text{Sn}_2\text{S}_2$ (5 pages)	085203
Jiaji Zhao, Bingyan Jiang, Shen Zhang, Lujunyu Wang, Enke Liu, Zhilin Li, and Xiaosong Wu	
Contactless determination and parametrization of charge-carrier mobility in silicon as a function of injection level and temperature using time-resolved terahertz spectroscopy (6 pages)	085204
Sergio Revuelta and Enrique Cánovas	
Optical, electronic, and structural properties of ScAlMgO_4 (10 pages)	085205
Tomasz Stefaniuk, Jan Suffczyński, Małgorzata Wierzbowska, Jarosław Z. Domagała, Jarosław Kisielewski, Andrzej Kłos, Alexander Korneluk, and Henryk Teisseyre	
$\text{Mn}^{2+}\text{-V}_{\text{Zn}}^-$ charge transfer complexes in $\text{Zn}_{1-x}\text{Mn}_x\text{Te}$ (10 pages)	085206
Le Van Khoi, A. Avdonin, and A. Mycielski	

(Continued)

Exploring dynamical quantum phase transitions in a spin model with deconfined critical point via the quantum steering ellipsoid (<i>10 pages</i>)	085130
Chang-Xiao Li, Sheng Yang, Jing-Bo Xu, and Hai-Qing Lin	
Competing correlated insulators in multiorbital systems coupled to phonons (<i>6 pages</i>)	085131
Alberto Scazzola, Adriano Amaricci, and Massimo Capone	
Efficient calculation of k-integrated electron energy loss spectra: Application to monolayers of MoS ₂ , hBN, and graphene (<i>11 pages</i>)	085132
Stefan Rost, Stefan Blügel, and Christoph Friedrich	
Real-space Green's function approach for intrinsic losses in x-ray spectra (<i>12 pages</i>)	085133
J. J. Kas and J. J. Rehr	
Disentangling modular Walker-Wang models via fermionic invertible boundaries (<i>41 pages</i>)	085134
Andreas Bauer	
Non-Hermitian Weyl fermions of types III and IV: Hamiltonian, topological protection, and Landau levels (<i>9 pages</i>)	085135
Zaur Z. Alisultanov and Edvin G. Idrisov	
Magnetoresistance and Kohler rule in the topological chiral semimetal CoSi (<i>5 pages</i>)	085136
A. E. Petrova, O. A. Sobolevskiy, and S. M. Stishov	
Electronic structure and physical properties of the candidate topological material GdAgGe (<i>8 pages</i>)	085137
D. Ram, J. Singh, M. K. Hooda, O. Pavlosiuk, V. Kanchana, Z. Hossain, and D. Kaczorowski	
Absence of edge states in the valley Chern insulator in moiré graphene (<i>10 pages</i>)	085138
Ahmed Khalifa, Ganpathy Murthy, and Ribhu K. Kaul	
Morse theory study on the evolution of nodal lines in $\mathcal{PT}$ -symmetric nodal-line semimetals (<i>17 pages</i>)	085139
Manabu Takeichi, Ryo Furuta, and Shuichi Murakami	
Anomalous magnetothermoelectric behavior in massive Dirac materials (<i>7 pages</i>)	085140
Yanan Li, Huichao Wang, Jingyue Wang, Chunming Wang, Yanzhao Liu, Jun Ge, Jingjing Niu, Wenjie Zhang, Pinyuan Wang, Ran Bi, Jinglei Zhang, Ji-Yan Dai, Jiaqiang Yan, David Mandrus, Nitin Samarth, Haizhou Lu, Xiaosong Wu, and Jian Wang	
Controllable Floquet edge modes in a multifrequency driving system (<i>7 pages</i>)	085141
HaRu K. Park, Junmo Jeon, Gil Young Cho, and SungBin Lee	
Ising-type quasi-one-dimensional ferromagnetism with anisotropic hybridization in UNi ₄ P ₂ (<i>6 pages</i>)	085142
Arvind Maurya, Atsushi Miyake, Hisashi Kotegawa, Yusei Shimizu, Yoshiki J. Sato, Ai Nakamura, Dexin Li, Yoshiya Homma, Fuminori Honda, Masashi Tokunaga, and Dai Aoki	
Quasi-two-dimensional magnetic properties in atomic layer resolved La _{0.7} Sr _{0.3} MnO ₃ /LaAlO ₃ superlattices (<i>9 pages</i>)	085143
Bangmin Zhang, Hong Zhang, Xiao Chi, Ping Yang, Jun Ding, Jingsheng Chen, and Gan Moog Chow	
Understanding photoluminescence of bismuth-doped ternary alkaline earth d^{10} metal oxides via first-principles calculations (<i>21 pages</i>)	085144
Zhaoyang Feng and Chang-Kui Duan	

(Continued)

Energy relaxation in $(\text{La}_{0.6}\text{Pr}_{0.4})_{0.7}\text{Ca}_{0.3}\text{MnO}_3$ films across the metal-insulator transition (8 pages)	085115
Cinja Seick, Karen Stroh, Tim Titze, Vitaly Bruchmann-Bamberg, Andreas Weissner, Stefan Mathias, Vasily Moshnyaga, Henning Ulrichs, and Daniel Steil	
Entanglement dynamics and phase transitions of the Floquet cluster spin chain (15 pages)	085116
Alberto D. Verga	
Generalized topological bulk-edge correspondence in bulk-Hermitian continuous systems with non-Hermitian boundary conditions (20 pages)	085117
Orr Rapoport and Moshe Goldstein	
Two types of superconducting pairs in stripe-ordered $\text{La}_{2-x}\text{Ba}_x\text{CuO}_4$ ($x = 1/8$): Evidence from resistivity measurements (11 pages)	085118
Tianhao Ren, Pedro M. Lozano, Qiang Li, Genda Gu, and Alexei M. Tsvelik	
Effective medium model for graphene superlattices with electrostatic and magnetic vector potentials (12 pages)	085119
David E. Fernandes	
Anomalous magnetotransport behavior in single-crystal VSb_2 (8 pages)	085120
Li-Xin Gao, Wei-Bin Wu, Jing-Yu He, Fei Chen, Qi-Ling Xiao, and Jun-Yi Ge	
Magnetic field induced transition in the charge-glass former θ -(BEDT-TTF) $_2\text{CsCo}(\text{SCN})_4$ (8 pages)	085121
Tetsuya Nomoto, Satoshi Yamashita, Hiroki Akutsu, and Yasuhiro Nakazawa	
Complex Berry phase and imperfect non-Hermitian phase transitions (13 pages)	085122
Stefano Longhi and Liang Feng	
Ground state degeneracy of the Ising cage-net model (19 pages)	085123
Xiuqi Ma, Ananth Malladi, Zongyuan Wang, Zhenghan Wang, and Xie Chen	
Homogenized transition conditions for plasmonic metasurfaces (10 pages)	085124
Nicolas Lebbe, Agnès Maurel, and Kim Pham	
Connecting the one-band and three-band Hubbard models of cuprates via spectroscopy and scattering experiments (9 pages)	085125
K. Sheshadri, D. Malterre, A. Fujimori, and A. Chainani	
Fluctuating intertwined stripes in the strange metal regime of the Hubbard model (6 pages)	085126
Edwin W. Huang, Tianyi Liu, Wen O. Wang, Hong-Chen Jiang, Peizhi Mai, Thomas A. Maier, Steven Johnston, Brian Moritz, and Thomas P. Devereaux	
Twisted bilayer BC_3 : Valley interlocked anisotropic flat bands (12 pages)	085127
Toshikaze Kariyado	
Determination of superexchange interactions for the CuO_2 chains in LiCu_2O_2 (8 pages)	085128
N. Aucar Boidi, Christian Helman, Y. Núñez-Fernández, K. Hallberg, and A. A. Aligia	
Connecting Tikhonov regularization to the maximum entropy method for the analytic continuation of quantum Monte Carlo data (11 pages)	085129
Khaldoon Ghanem and Erik Koch	

(Continued)

ARTICLES

Electronic structure and strongly correlated systems

Real-space entanglement spectra of lowest Landau level projected fractional quantum Hall states using Monte Carlo methods (<i>11 pages</i>)	085101
Abhishek Anand and G. J. Sreejith	
Sign change of anomalous Hall effect and anomalous Nernst effect in the Weyl semimetal CeAlSi (<i>10 pages</i>)	085102
Md Shahin Alam, Amar Fakhredine, Mujeeb Ahmad, P. K. Tanwar, Hung-Yu Yang, Fazel Tafti, Giuseppe Cuono, Rajibul Islam, Bahadur Singh, Artem Lynnyk, Carmine Autieri, and Marcin Matusiak	
Role of electronic correlations in the kagome-lattice superconductor LaRh ₃ B ₂ (<i>8 pages</i>)	085103
Savita Chaudhary, Shama, Jaskaran Singh, Armando Consiglio, Domenico Di Sante, Ronny Thomale, and Yogesh Singh	
Dynamical screening and excitonic bound states in biased bilayer graphene (<i>10 pages</i>)	085104
Harley D. Scammell and Oleg P. Sushkov	
Pressure tuning of structure, magnetic frustration, and carrier conduction in the Kitaev spin liquid candidate Cu ₂ IrO ₃ (<i>14 pages</i>)	085105
Srishti Pal, Pallavi Malavi, Arijit Sinha, Anzar Ali, Piyush Sakrikar, Bobby Joseph, Umesh V. Waghmare, Yogesh Singh, D. V. S. Muthu, S. Karmakar, and A. K. Sood	
Linear response functions respecting Ward-Takahashi identity and fluctuation-dissipation theorem within the <i>GW</i> approximation (<i>13 pages</i>)	085106
Hui Li, Zhipeng Sun, Yingze Su, Haiqing Lin, Huaqing Huang, and Dingping Li	
Steady-state dc transport through an Anderson impurity coupled to leads with spin-orbit coupling (<i>13 pages</i>)	085107
Anirudha Mirmira and N. S. Vidhyadhiraja	
Entanglement signature of hinge arcs, Fermi arcs, and crystalline symmetry protection in higher-order Weyl semimetals (<i>6 pages</i>)	085108
Yao Zhou and Peng Ye	
Short-wavelength axion dark modes of cavity axion polariton (<i>10 pages</i>)	085109
Yang Xiao, Huaiqiang Wang, Dinghui Wang, Xiaohong Yan, and Haijun Zhang	
 Trajectory dependence of electronic energy-loss straggling at keV ion energies (<i>9 pages</i>)	085110
S. Lohmann, R. Holeňák, P. L. Grande, and D. Primetzhofer	
Localization as a consequence of quasiperiodic bulk-bulk correspondence (<i>10 pages</i>)	085111
Dan S. Borgnia and Robert-Jan Slager	
Continuous transition from a Landau quasiparticle to a neutral spinon (<i>16 pages</i>)	085112
Jing-Yu Zhao, Shuai A. Chen, Rong-Yang Sun, and Zheng-Yu Weng	
Stability of the Néel quantum critical point in the presence of Dirac fermions (<i>8 pages</i>)	085113
Huanzhi Hu, Jennifer Lin, Mikolaj D. Uryszek, and Frank Krüger	
Si ₉ C ₁₅ monolayer: A silicon carbide allotrope with remarkable physical properties (<i>9 pages</i>)	085114
Meysam Bagheri Tagani	

(Continued)

Field direction dependent quantum-limit magnetoresistance of correlated Dirac electrons in perovskite CaIrO_3 (6 pages)	L081113
Rinsuke Yamada, Jun Fujioka, Minoru Kawamura, Shiro Sakai, Motoaki Hirayama, Ryotaro Arita, Tatsuya Okawa, Daisuke Hashizume, Ryosuke Kurihara, Masashi Tokunaga, and Yoshinori Tokura	
Nematic spectral signatures of the Hund's metal (5 pages)	L081114
Laura Fanfarillo, Angelo Valli, and Massimo Capone	
Semiconductors I: bulk	
Hidden Zeeman-type spin polarization in bulk crystals (6 pages)	L081201
Shan Guan, Jun-Wei Luo, Shu-Shen Li, and Alex Zunger	
High-frequency phonons drive large phonon-drag thermopower in semiconductors at high carrier density (6 pages)	L081202
Chunhua Li, Nakib H. Protik, Navaneetha K. Ravichandran, and David Broido	
Symmetry breaking for semiconductor excitons induced by Coulomb coupling between heavy and light holes (6 pages)	L081203
Shiue-Yuan Shiau, Benoit Eble, and Monique Combescot	
Semiconductors II: surfaces, interfaces, microstructures, and related topics	
Supercurrent reversal in ferromagnetic hybrid nanowire Josephson junctions (6 pages)	L081301
D. Razmadze, R. Seoane Souto, L. Galletti, A. Maiani, Y. Liu, P. Krogstrup, C. Schrade, A. Gyenis, C. M. Marcus, and S. Vaitiekėnas	
Fate of the upper polariton: Breakdown of the quasiparticle picture in the continuum (6 pages)	L081302
Yesenia A. García Jomaso, Brenda Vargas, David Ley Dominguez, César L. Ordoñez-Romero, Hugo A. Lara-García, Arturo Camacho-Guardian, and Giuseppe Pirruccio	
Surface physics, nanoscale physics, low-dimensional systems	
Exact theory and approximations for optical resonators in a changing external medium (5 pages)	L081401
S. F. Almousa and E. A. Muljarov	
Exact first-principles calculation reveals universal moiré potential in twisted two-dimensional materials (5 pages)	L081402
Dong Liu, Jiang Zeng, XingXing Jiang, Liming Tang, and Keqiu Chen	
Strain disorder and gapless intervalley coherent phase in twisted bilayer graphene (5 pages)	L081403
Gal Shavit, Kryštof Kolář, Christophe Mora, Felix von Oppen, and Yuval Oreg	
Mapping topological states with compacted dimensions (7 pages)	L081404
Zilun Gong, Fuyi Yang, and Jie Yao	
Shear-strain controlled high-harmonic generation in graphene (5 pages)	L081405
Tomohiro Tamaya, Hidefumi Akiyama, and Takeo Kato	
Enigmatic color centers in microdiamonds with bright, stable, and narrow-band fluorescence (8 pages)	L081406
Arthur Yu. Neliubov, Ivan Yu. Eremchev, Vladimir P. Drachev, Sergey S. Kosolobov, Evgeny A. Ekimov, Artem I. Arzhanov, Aleksandr O. Tarasevich, and Andrey V. Naumov	

(Continued)

LETTERS

Electronic structure and strongly correlated systems

- Excitonic Chern insulator and kinetic ferromagnetism in a $\text{MoTe}_2/\text{WSe}_2$ moiré bilayer (5 pages) L081101
Zhihuan Dong and Ya-Hui Zhang
- Interacting triplons in frustrated spin ladders: Binding and decay in BiCu_2PO_6 (7 pages) L081102
Leanna B. Müller and Götz S. Uhrig
- Binary-coupling sparse Sachdev-Ye-Kitaev model: An improved model of quantum chaos and holography (7 pages) L081103
Masaki Tezuka, Onur Oktay, Enrico Rinaldi, Masanori Hanada, and Franco Nori
- One-dimensional projection of two-dimensional systems using spiral boundary conditions (5 pages) L081104
Masahiro Kadosawa, Masaaki Nakamura, Yukinori Ohta, and Satoshi Nishimoto
- Quantum phase detection generalization from marginal quantum neural network models (6 pages) L081105
Saverio Monaco, Oriel Kiss, Antonio Mandarino, Sofia Vallecorsa, and Michele Grossi
- Eight-vertex criticality in the interacting Kitaev chain (5 pages) L081106
Natalia Chepiga and Frédéric Mila
- Quantum oscillations as a robust fingerprint of chiral anomaly in nonlinear response in Weyl semimetals (6 pages) L081107
Chuanchang Zeng, Snehasish Nandy, Pu Liu, Sumanta Tewari, and Yugui Yao
- Pivotal role of carrier scattering for semiconductorlike transport in Fe_2VAl (5 pages) L081108
Fabian Garmroudi, Michael Parzer, Alexander Riss, Andrej Pustogow, Takao Mori, and Ernst Bauer
- Momentum space entanglement of interacting fermions (6 pages) L081109
Michael O. Flynn, Long-Hin Tang, Anushya Chandran, and Chris R. Laumann
- Effect of chirality imbalance on Hall transport of PrRhC_2 (7 pages) L081110
Banasree Sadhukhan and Tanay Nag
- Probing many-body effects in harmonic traps with twisted light (8 pages) L081111
J. I. Fuks, G. F. Quinteiro Rosen, H. Appel, and P. I. Tamborenea
- Magnetic tuning of band topology evidenced by exotic quantum oscillations in the Dirac semimetal EuMnSb_2 (6 pages) L081112
Kan Zhao, Xuejiao Chen, Zhaosheng Wang, Jinyu Liu, Jiating Wu, Chuanying Xi, Xiaodong Lv, Lei Li, Zhicheng Zhong, and Philipp Gegenwart



(Continued)



2469-9950(20230215)107:8;1-7