PHYSICAL REVIEW B **THIRD SERIES, VOLUME 108, NUMBER 18** **NOVEMBER 2023-1(II)**

Nature of the Schmid transition in a resistively shunted Josephson junction *(14 pages)* 184514
Romain Daviet and Nicolas Dupuis

Exactly solvable model of randomly coupled twisted superconducting bilayers *(17 pages)* 184515
Andrew C. Yuan

Long-range coupling between superconducting quantum dots induced by periodic driving *(12 pages)* 184516
Andriani Keliri and Benoît Douçot

Higher-order topological superconductor phases in a multilayer system *(9 pages)* 184517
Ryota Nakai and Kentaro Nomura

The editors and referees of PRB find these papers to be of particular interest, importance, or clarity. Please see our Announcement Phys. Rev. B 77, 130001 (2008).

PHYSICAL REVIEW B **THIRD SERIES, VOLUME 108, NUMBER 18** **NOVEMBER 2023-1(II)**

Topological spin textures and topological Hall effect in centrosymmetric magnetic nanoparticles *(12 pages)* 184432
Ahsan Ullah, Balamurugan Balasubramanian, Bibek Tiwari, Bharat Giri, David J. Sellmyer, Ralph Skomski, and Xiaoshan Xu

Competing interaction induced phase diagram and phase transition in artificial triangular spin ice *(6 pages)* 184433
Haifeng Lou, Wen-Cheng Yue, Zixiong Yuan, Peiyuan Huang, Yan Chen, Yong-Lei Wang, Shilei Zhang, and Dong Shi

Superfluidity and superconductivity

Comparative study of the superconductivity in the Holstein and optical Su-Schrieffer-Heeger models *(9 pages)* . . . 184501
Andy Tanjaroon Ly, Benjamin Cohen-Stead, Sohan Malkaruge Costa, and Steven Johnston

Quantized thermal Hall conductance and the topological phase diagram of a superconducting bismuth bilayer *(12 pages)* 184502
Szczepan Głodzik and Nicholas Sedlmayr

Triplet superconductivity and spin density wave in biased AB bilayer graphene *(13 pages)* 184503
A. O. Sboychakov, A. V. Rozhkov, and A. L. Rakhmanov

Multiple superconducting phases driven by pressure in the topological insulator $GeSb_4Te_7$ *(8 pages)* 184504
W. Zhou, B. Li, Y. Shen, J. J. Feng, C. Q. Xu, H. T. Guo, Z. He, B. Qian, Ziming Zhu, and Xiaofeng Xu

Topological superconductivity in two-dimensional altermagnetic metals *(13 pages)* 184505
Di Zhu, Zheng-Yang Zhuang, Zhigang Wu, and Zhongbo Yan

Topological superconducting states and quasiparticle transport on the kagome lattice *(16 pages)* 184506
Zi-Qian Zhou, Weimin Wang, Zhi Wang, and Dao-Xin Yao

Multiband description of the upper critical field of bulk FeSe *(8 pages)* 184507
M. Bristow, A. Gower, J. C. A. Prentice, M. D. Watson, Z. Zajicek, S. J. Blundell, A. A. Haghighirad, A. McCollam, and A. I. Coldea

Microscopic theory of supercurrent suppression by gate-controlled surface depairing *(8 pages)* 184508
Subrata Chakraborty, Danilo Nikolić, Juan Carlos Cuevas, Francesco Giazotto, Angelo Di Bernardo, Elke Scheer, Mario Cuoco, and Wolfgang Belzig

Oscillatory superconducting transition temperature in superconductor/antiferromagnet heterostructures *(9 pages)* 184509
G. A. Bobkov, V. M. Gordeeva, A. M. Bobkov, and I. V. Bobkova

Andreev and normal reflections in gapped bilayer graphene–superconductor junctions *(11 pages)* 184510
Panch Ram, Detlef Beckmann, Romain Danneau, and Wolfgang Belzig

Disorder- and magnetic field–tuned fermionic superconductor-insulator transition in MoN thin films: Transport and scanning tunneling microscopy *(9 pages)* 184511
M. Kuzmiak, M. Kopčík, F. Košuth, V. Vaňo, J. Haniš, T. Samuely, V. Latyshev, O. Onufriienko, V. Komanický, J. Kačmarčík, M. Žemlička, M. Gmitra, P. Szabó, and P. Samuely

Superconductivity and vortex structure in $Bi_2Te_3/FeTe_{0.55}Se_{0.45}$ heterostructures with varying Bi_2Te_3 thickness *(8 pages)* 184512
Kailun Chen, Mingyang Chen, Chuanhao Wen, Zhiyong Hou, Huan Yang, and Hai-Hu Wen

Transport anomalies in multiband superconductors near the quantum critical point *(20 pages)* 184513
Maxim Dzero, Maxim Khodas, and Alex Levchenko

(Continued)

The editors and referees of PRB find these papers to be of particular interest, importance, or clarity. Please see our Announcement Phys. Rev. B 77, 130001 (2008).

PHYSICAL REVIEW B **THIRD SERIES, VOLUME 108, NUMBER 18** **NOVEMBER 2023-1(II)**

Excitations of quantum Ising chain $CoNb_2O_6$ in low transverse field: Quantitative description of bound states stabilized by off-diagonal exchange and applied field *(15 pages)* 184417
Leonie Woodland, Izabella Lovas, M. Telling, D. Prabhakaran, Leon Balents, and Radu Coldea

Large-amplitude and widely tunable self-oscillations enabled by the inertial effect in uniaxial antiferromagnets driven by spin-orbit torques *(11 pages)* 184418
Peng-Bin He

Skyrmions and magnetic bubbles in spin-orbit coupled metallic magnets *(9 pages)* 184419
Deepti Rana, Soumyaranjan Dash, Monika Bhakar, Rajeshwari Roy Chowdhury, Ravi Prakash Singh, Sanjeev Kumar, and Goutam Sheet

Phase diagrams for magnetic field and temperature induced ferromagnetism in antiferromagnetic FeRh *(10 pages)* 184420
A. G. Buzdakov, I. A. Dolgikh, K. A. Zvezdin, A. K. Zvezdin, K. Rubi, U. Zeitler, P. C. M. Christianen, Th. Rasing, S. K. K. Patel, R. Medapalli, E. E. Fullerton, E. T. Dilmieva, and A. V. Kimel

Molecular analog of perovskite ferrites: First-principles studies of electronic and magnetic properties *(9 pages)* 184421
Mian Wang, Tianyi Wang, Minhui Yuan, Qian Zhang, Shenghua Liu, Jing Shuai, and Xiang-Guo Li

Negative angular dependent magnetoresistance in a zirconium/nickel bilayer *(6 pages)* 184422
L. H. Chou (周立信), S. C. Mai (麥軒誠), W. Y. Li (李文淵), M. H. Lee (李明浩), C. Chuang (莊家翔), and D. Qu (曲丹茹)

Strong magnetic proximity effect in van der Waals heterostructures driven by direct hybridization *(7 pages)* 184423
C. Cardoso, A. T. Costa, A. H. MacDonald, and J. Fernández-Rossier

Local setting of spin textures in a granular antiferromagnet *(8 pages)* 184424
Miina Leiviskä, Sarah Jenkins, Richard F. L. Evans, Daria Gusakova, and Vincent Baltz

Critical properties of the quantum Ashkin-Teller chain with chiral perturbations *(7 pages)* 184425
Bernhard E. Lüscher, Frédéric Mila, and Natalia Chepiga

Spin dynamics in ordered phases of the anisotropic triangular-lattice antiferromagnet Cs_2CoBr_4 *(15 pages)* 184426
T. A. Soldatov, A. I. Smirnov, and A. V. Syromyatnikov

Dynamics of anisotropic frustrated antiferromagnet Cs_2CoBr_4 in a spin-liquid regime *(8 pages)* 184427
T. A. Soldatov, A. I. Smirnov, and A. V. Syromyatnikov

Spin Seebeck effect in the classical easy-axis antiferromagnetic chain *(6 pages)* 184428
X. Zotos

Structural and magnetic properties of thin cobalt films with mixed hcp and fcc phases *(9 pages)* 184429
Gauravkumar Patel, Fabian Ganss, Ruslan Salikhov, Sven Stienen, Lorenzo Fallarino, Rico Ehrler, Rodolfo A. Gallardo, Olav Hellwig, Kilian Lenz, and Jürgen Lindner

Low magnetic field induced giant magnetoelectric coupling in Cu^{2+}-doped *Y*-type $BaSrCo_{2-x}Cu_xFe_{11}AlO_{22}$ stemming from enhanced superexchange interaction *(10 pages)* 184430
Dongpeng Zhao, Jun Li, Tongtong Xu, Huantong Wu, Xiping Chen, Guangai Sun, and Zhongxiang Zhou

$FeGe_{1-x}Sb_x$: A series of kagome metals with noncollinear antiferromagnetism *(7 pages)* 184431
Jiale Huang, Chenglin Shang, Jianfei Qin, Feihao Pan, Bingxian Shi, Jinchen Wang, Juanjuan Liu, Daye Xu, Hongxia Zhang, Hongliang Wang, Lijie Hao, Wei Bao, and Peng Cheng

(Continued)

The editors and referees of PRB find these papers to be of particular interest, importance, or clarity. Please see our Announcement Phys. Rev. B 77, 130001 (2008).

PHYSICAL REVIEW B **THIRD SERIES, VOLUME 108, NUMBER 18** **NOVEMBER 2023-1(II)**

Anisotropic signatures in the spin-boson model *(10 pages)* 184402
F. Hartmann, S. Scali, and J. Anders

Strain-tunable magnetic compensation temperature of epitaxial $Tb_3Fe_5O_{12}$ thin films *(10 pages)* 184403
Yufei Li, Xihui Yang, Hua Bai, Mingzhi Wang, Dashuai Cheng, Cheng Song, Zhe Yuan, Yi Liu, and Zhong Shi

Antiferromagnet to ferromagnet crossover driven by nonmagnetic Co doping in heavy-fermion $YbRh_3Si_7$ *(7 pages)* 184404
Long Qian, Kelly Neubauer, Joshua Miller, Yuxiang Gao, Jordan Murley, Songxue Chi, Shiming Lei, Pengcheng Dai, and E. Morosan

Stability of the $\frac{1}{3}$ magnetization plateau of the $J_1 - J_2$ kagome Heisenberg model *(8 pages)* 184405
Katsuhiro Morita

Assembling Kitaev honeycomb spin liquids from arrays of one-dimensional symmetry-protected topological phases *(15 pages)* 184406
Yue Liu, Nathanan Tantivasadakarn, Kevin Slagle, David F. Mross, and Jason Alicea

Bidirectional magnon-driven bimeron motion in ferromagnets *(8 pages)* 184407
Xue Liang, Jin Lan, Guoping Zhao, Mateusz Zelent, Maciej Krawczyk, and Yan Zhou

Generation of electric current and electromotive force by an antiferromagnetic domain wall *(11 pages)* 184408
A. G. Mal'shukov

Suppression of molecular field by lattice contraction in face-centered-cubic $R\mathrm{Ni}_4\mathrm{Cd}$ (R = Ce, Nd, Sm, and Gd–Tm) *(9 pages)* 184409
Jeonghun Lee and Eundeok Mun

Theoretical investigation of magnons in Fe-Ga alloys *(8 pages)* 184410
Gustav Johansson, Oleg I. Gorbatov, and Corina Etz

Reconfigurable neural spiking in bias field free spin Hall nano-oscillator *(9 pages)* 184411
Sourabh Manna, Rohit Medwal, and Rajdeep Singh Rawat

Magnetic proximity effects in antiferromagnetic composite thin films: Roles of triggering perpendicular magnetic anisotropy *(12 pages)* 184412
Bo-Yao Wang, Tzu-Hsin Li, Bo-Xiang Liao, Chung-Hsuan Hsiao, Li-Han Chang, Ming-Shian Tsai, Tzu-Hung Chuang, and Der-Hsin Wei

Physical properties of monolayer $Mn(BiTeS)_2$ and its applications in sub–3 nm spintronic devices *(15 pages)* 184413
Zhanhai Li, Jianing Han, Shengguo Cao, Zhenhua Zhang, and Xiaoqing Deng

Theoretical investigations on the magneto-Raman effect of CrI_3 *(6 pages)* 184414
Shuang Liu, Meng-Qiu Long, and Yun-Peng Wang

Classical spin models of the windmill lattice and their relevance for $PbCuTe_2O_6$ *(17 pages)* 184415
Anna Fancelli, Johannes Reuther, and Bella Lake

Tuning the confinement potential between spinons in the Ising chain compound $CoNb_2O_6$ using longitudinal fields and quantitative determination of the microscopic Hamiltonian *(20 pages)* 184416
Leonie Woodland, David Macdougal, Ivelisse M. Cabrera, Jordan D. Thompson, D. Prabhakaran, Robert I. Bewley, and Radu Coldea

(Continued)

The editors and referees of PRB find these papers to be of particular interest, importance, or clarity. Please see our Announcement Phys. Rev. B 77, 130001 (2008).

PHYSICAL REVIEW B **THIRD SERIES, VOLUME 108, NUMBER 18** **NOVEMBER 2023-1(II)**

Machine learning wave functions to identify fractal phases *(17 pages)* 184202
Tilen Čadež, Barbara Dietz, Dario Rosa, Alexei Andreanov, Keith Slevin, and Tomi Ohtsuki

Mechanisms of temperature-dependent thermal transport in amorphous silica from machine-learning molecular dynamics *(12 pages)* 184203
Ting Liang, Penghua Ying, Ke Xu, Zhenqiang Ye, Chao Ling, Zheyong Fan, and Jianbin Xu

Measurement induced criticality in quasiperiodic modulated random hybrid circuits *(10 pages)* 184204
Gal Shkolnik, Aidan Zabalo, Romain Vasseur, David A. Huse, J. H. Pixley, and Snir Gazit

From ergodicity to many-body localization in a one-dimensional interacting non-Hermitian Stark system *(11 pages)* 184205
Jinghu Liu and Zhihao Xu

Localization and spectrum of quasiparticles in a disordered fermionic Dicke model *(14 pages)* 184206
Sebastian Stumper and Junichi Okamoto

Probing localization properties of many-body Hamiltonians via an imaginary vector potential *(21 pages)* 184207
Liam O'Brien and Gil Refael

Dynamics, dynamical systems, lattice effects:

Topological gap solitons in Rabi Su-Schrieffer-Heeger lattices *(11 pages)* 184301
Chunyan Li and Yaroslav V. Kartashov

Multipartite entanglement in the measurement-induced phase transition of the quantum Ising chain *(7 pages)* 184302
Alessio Paviglianiti and Alessandro Silva

Information trapping by topologically protected edge states: Scrambling and the butterfly velocity *(11 pages)* 184303
Martyna Sedlmayr, Hadi Cheraghi, and Nicholas Sedlmayr

Topological transitions in dissipatively coupled Su-Schrieffer-Heeger models *(10 pages)* 184304
Jayakrishnan M. P. Nair, Marlan O. Scully, and Girish S. Agarwal

Ultrafast control of the crystal structure in a topological charge-density-wave material *(7 pages)* 184305
Takeshi Suzuki, Yuya Kubota, Natsuki Mitsuishi, Shunsuke Akatsuka, Jumpei Koga, Masato Sakano, Satoru Masubuchi, Yoshikazu Tanaka, Tadashi Togashi, Hiroyuki Ohsumi, Kenji Tamasaku, Makina Yabashi, Hidefumi Takahashi, Shintaro Ishiwata, Tomoki Machida, Iwao Matsuda, Kyoko Ishizaka, and Kozo Okazaki

Predictions and measurements of thermal conductivity of ceramic materials at high temperature *(10 pages)* 184306
Zherui Han, Zixin Xiong, William T. Riffe, Hunter B. Schonfeld, Mauricio Segovia, Jiawei Song, Haiyan Wang, Xianfan Xu, Patrick E. Hopkins, Amy Marconnet, and Xiulin Ruan

First-principles calculations of lattice thermal conductivity in Tl_3VSe_4: Uncertainties from different approaches of force constants *(10 pages)* 184307
Zhi Li, Yi Xia, and Chris Wolverton

Magnetism

Ultrafast dynamics of electrons excited by femtosecond laser pulses: Spin polarization and spin-polarized currents *(9 pages)* 184401
Oliver Busch, Franziska Ziolkowski, Ingrid Mertig, and Jürgen Henk

(Continued)

The editors and referees of PRB find these papers to be of particular interest, importance, or clarity. Please see our Announcement Phys. Rev. B 77, 130001 (2008).

PHYSICAL REVIEW B THIRD SERIES, VOLUME 108, NUMBER 18 NOVEMBER 2023-1(II)

Ferromagnetic ordering of magnetic impurities mediated by supercurrents in the presence of spin-orbit coupling *(6 pages)* L180506
Yao Lu, I. V. Tokatly, and F. Sebastian Bergeret

Multiband superconducting state and Lifshitz transition in $V_{0.7}Re_{0.3}Se_2$ at high pressure *(8 pages)* L180507
Can Tian, Xiaoli Huang, Yiping Gao, Fubo Tian, Min Liang, Yuqiang Fang, Fuqiang Huang, and Tian Cui

Theory for anomalous terahertz emission in striped cuprate superconductors *(7 pages)* L180508
Pavel E. Dolgirev, Marios H. Michael, Jonathan B. Curtis, Daniele Nicoletti, Michele Buzzi, Michael Fechner, Andrea Cavalleri, and Eugene Demler

Photoinduced anomalous supercurrent Hall effect *(6 pages)* L180509
A. V. Parafilo, V. M. Kovalev, and I. G. Savenko

Electronic structure, dimer physics, orbital-selective behavior, and magnetic tendencies in the bilayer nickelate superconductor $La_3Ni_2O_7$ under pressure *(5 pages)* L180510
Yang Zhang, Ling-Fang Lin, Adriana Moreo, and Elbio Dagotto

ARTICLES

Structure, structural phase transitions, mechanical properties, defects

Nonpolar 1T-to-1T' order-disorder transition in a MoS_2 monolayer *(8 pages)* 184101
Xue Ma, Ningbo Fan, Jinzhu Zhao, and Bin Xu

Competition between superconductivity and molecularization in the quantum nuclear behavior of lanthanum hydride *(6 pages)* 184102
S. van de Bund and G. J. Ackland

Accurate melting point prediction through autonomous physics-informed learning *(12 pages)* 184103
Olga Klimanova, Timofei Miryashkin, and Alexander Shapeev

Structural study of hcp and liquid iron under shock compression up to 275 GPa *(13 pages)* 184104
Saransh Singh, Richard Briggs, Martin G. Gorman, Lorin X. Benedict, Christine J. Wu, Sebastien Hamel, Amy L. Coleman, Federica Coppari, Amalia Fernandez-Pañella, Christopher McGuire, Melissa Sims, June K. Wicks, Jon H. Eggert, Dayne E. Fratanduono, and Raymond F. Smith

Influence of temperature on the process of hydrogen bond symmetrization in ε-FeOOH *(15 pages)* 184105
Zhen-Shuai Lei, Xiao-Wei Sun, Xin-Xuan Wang, Zi-Jiang Liu, Ting Song, and Jun-Hong Tian

Atomic disorder in Ni-V alloys studied using neutron scattering *(12 pages)* 184106
Adane Gebretsadik, Ruizhe Wang, Arwa Alyami, Hind Adawi, Jean-Guy Lussier, Katharine L. Page, and Almut Schroeder

Dynamically stabilized phases with full *ab initio* accuracy: Thermodynamics of Ti, Zr, Hf with a focus on the hcp-bcc transition *(22 pages)* 184107
Jong Hyun Jung, Axel Forslund, Prashanth Srinivasan, and Blazej Grabowski

Inhomogeneous, disordered, and partially ordered systems

Extended states in one-dimensional aperiodic lattices with linearly varying patches *(12 pages)* 184201
Longyan Gong

(Continued)

The editors and referees of PRB find these papers to be of particular interest, importance, or clarity. Please see our Announcement Phys. Rev. B 77, 130001 (2008).

PHYSICAL REVIEW B **THIRD SERIES, VOLUME 108, NUMBER 18** **NOVEMBER 2023-1(II)**

Spin swapping for an exchange magnon spin current *(4 pages)* L180402
Shuting Cui, Peng Yan, Maokang Shen, Wei Luo, Xiaofei Yang, and Yue Zhang

Spontaneous spin splitting in electric potential difference antiferromagnetism *(6 pages)* L180403
San-Dong Guo and Yee Sin Ang

Symmetry constraints on orbital transport in solids *(5 pages)* L180404
Sergei Urazhdin

Proximity-induced sequence of field transitions in the Kitaev candidate $BaCo_2(AsO_4)_2$ *(7 pages)* L180405
Pavel A. Maksimov

Quantum phases in the honeycomb-lattice J_1–J_3 ferro-antiferromagnetic model *(7 pages)* L180406
Shengtao Jiang (蒋晟韬), Steven R. White, and A. L. Chernyshev

Geometric phase acquired by spin waves in antiferromagnetic wire with domains of noncoplanar magnetization *(7 pages)* L180407
Yu Liu (刘瑜) and Jin Lan (兰金)

Magnetism and electronic structure of a Dy adatom on a MgO(001) substrate *(6 pages)* L180408
Alexander B. Shick, Eduard Belsch, and Alexander I. Lichtenstein

Kerr nonlinearity induced strong spin-magnon coupling *(7 pages)* L180409
Feng-Zhou Ji and Jun-Hong An

Electrostatic extension of magnetic proximity effect in $La_{0.7}Sr_{0.3}MnO_3$ *(5 pages)* L180410
Qianqian Lan, Michael Schnedler, Lars Freter, Chuanshou Wang, Kurt Fischer, Philipp Ebert, and Rafal E. Dunin-Borkowski

Coupling of the triple-q state to the atomic lattice by anisotropic symmetric exchange *(6 pages)* L180411
Felix Nickel, André Kubetzka, Soumyajyoti Haldar, Roland Wiesendanger, Stefan Heinze, and Kirsten von Bergmann

Superfluidity and superconductivity

Magnetization near a constriction between BCS superconductors by spin-dependent tunneling *(6 pages)* L180501
O. Entin-Wohlman, R. I. Shekhter, M. Jonson, and A. Aharony

Delocalization of the vortex magnetic field near a planar defect *(4 pages)* L180502
V. Plastovets and A. Buzdin

Structure and dynamics of a pinned vortex liquid in a superconducting *a*-Re_6Zr thin film *(7 pages)* L180503
Rishabh Duhan, Subhamita Sengupta, Ruchi Tomar, Somak Basistha, Vivas Bagwe, Chandan Dasgupta, and Pratap Raychaudhuri

Spectroscopic signature of spin triplet odd-valley superconductivity in two-dimensional materials *(6 pages)* L180504
T. H. Kokkeler, Chunli Huang, F. S. Bergeret, and I. V. Tokatly

Mechanism for π phase shifts in Little-Parks experiments: Application to 4*Hb*-TaS_2 and to 2*H*-TaS_2 intercalated with chiral molecules *(6 pages)* L180505
Mark H. Fischer, Patrick A. Lee, and Jonathan Ruhman

(Continued)

The editors and referees of PRB find these papers to be of particular interest, importance, or clarity. Please see our Announcement Phys. Rev. B 77, 130001 (2008).

PHYSICAL REVIEW B™

For editorial and subscription correspondence, please see inside front cover
(ISSN: 2469-9950)

PERIODICALS
Postmaster send address changes to:

APS Subscription Services
P.O. Box 41
Annapolis Junction, MD 20701

THIRD SERIES, VOLUME 108, NUMBER 18 ***CONTENTS*** **NOVEMBER 2023-1(II)**

LETTERS

Structure, structural phase transitions, mechanical properties, defects

Cyclic ferroelectric switching and quantized charge transport in $CuInP_2S_6$ *(6 pages)* L180101
Daniel Seleznev, Sobhit Singh, John Bonini, Karin M. Rabe, and David Vanderbilt

Physically motivated analytical expression for the temperature dependence of the zero-field splitting of the nitrogen-vacancy center in diamond *(7 pages)* L180102
M. C. Cambria, G. Thiering, A. Norambuena, H. T. Dinani, A. Gardill, I. Kemeny, V. Lordi, Á. Gali, J. R. Maze, and S. Kolkowitz

Dinitrogen bonding induced metal-semiconductor transition leading to ultrastiffening in boron subnitride *(10 pages)* L180103
Tengfei Xu, Zhiyang Zheng, Dominik Legut, and Ruifeng Zhang

Universal interatomic potential for perovskite oxides *(8 pages)* L180104
Jing Wu (武静), Jiyuan Yang (杨季元), Yuan-Jinsheng Liu (刘袁今生), Duo Zhang (张铎), Yudi Yang (杨雨迪), Yuzhi Zhang (张与之), Linfeng Zhang (张林峰), and Shi Liu (刘仕)

Inhomogeneous, disordered, and partially ordered systems

Discrete time crystals with absolute stability *(6 pages)* L180201
Krzysztof Giergiel, Jia Wang, Bryan J. Dalton, Peter Hannaford, and Krzysztof Sacha

Non-Hermiticity induces localization: Good and bad resonances in power-law random banded matrices *(6 pages)* L180202
Giuseppe De Tomasi and Ivan M. Khaymovich

Dynamics, dynamical systems, lattice effects:

Experimental optimization of charging quantum batteries through a catalyst system *(6 pages)* L180301
Dengke Qu, Xiang Zhan, Haiqing Lin, and Peng Xue

Floquet gap-dependent topological classifications from color-decorated frequency lattices with space-time symmetries *(6 pages)* L180302
Ilyoun Na, Jack Kemp, Sinéad M. Griffin, Robert-Jan Slager, and Yang Peng

Noise-induced universal diffusive transport in fermionic chains *(6 pages)* L180303
Christopher M. Langlett and Shenglong Xu

Magnetism

Efficient spin Seebeck and spin Nernst effects of magnons in altermagnets *(7 pages)* L180401
Qirui Cui, Bowen Zeng, Ping Cui, Tao Yu, and Hongxin Yang

(Continued)

2469-9950(20231101)108:18;1-3

The editors and referees of PRB find these papers to be of particular interest, importance, or clarity. Please see our Announcement Phys. Rev. B 77, 130001 (2008).