

LETTERS

Structure, structural phase transitions, mechanical properties, defects

- Hidden phases with neuromorphic responses and highly enhanced piezoelectricity in an antiferroelectric prototype (7 pages) L100101
Sergey Prosandeev, Sergei Prokhorenko, Yousra Nahas, Yali Yang, Changsong Xu, Julie Grollier, Diyar Talbayev, Brahim Dkhil, and L. Bellaiche

- Non-Hermitian topological systems with eigenvalues that are always real (7 pages) L100102
Yang Long, Haoran Xue, and Baile Zhang

Inhomogeneous, disordered, and partially ordered systems

- Semiclassical simulations predict glassy dynamics for disordered Heisenberg models (7 pages) L100201
P. Schultzen, T. Franz, C. Hainaut, S. Geier, A. Salzinger, A. Tebben, G. Zürn, M. Gärtner, and M. Weidemüller

Dynamics, dynamical systems, lattice effects:

- Confinement-induced impurity states in spin chains (6 pages) L100301
Joseph Vovrosh, Hongzheng Zhao, Johannes Knolle, and Alvise Bastianello

- Transport and relaxation of current-generated nonequilibrium phonons from nonlocal electronic measurements (5 pages) L100302
Guanxiong Chen and Sergei Urazhdin

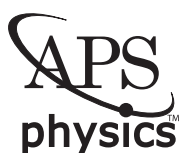
- Thermal melting of discrete time crystals: A dynamical phase transition induced by thermal fluctuations (5 pages) L100303
Mingxi Yue, Xiaoqin Yang, and Zi Cai

- Nonreciprocal coupling in space-time modulated systems at exceptional points (5 pages) L100304
Junfei Li, Yun Jing, and Steven A. Cummer

Magnetism

- Element-selective ultrafast magnetization dynamics of hybrid Stoner-Heisenberg magnets (6 pages) L100401
Mohamed F. Elhanoty, Olle Eriksson, Ronny Knut, Olof Karis, and Oscar Grånäs

- Antiferromagnetic insulators with tunable magnon-polaron Chern numbers induced by in-plane optical phonons (6 pages) L100402
Bowen Ma and Gregory A. Fiete



Anomalous dynamics and equilibration in the classical Heisenberg chain (<i>6 pages</i>)	L100403
Adam J. McRoberts, Thomas Bilitewski, Masudul Haque, and Roderich Moessner	
Emergent interlayer magnetic order via strain-induced orthorhombic distortion in the <i>5d</i> Mott insulator Sr_2IrO_4 (<i>6 pages</i>)	L100404
S. Shrestha, M. Krautloher, M. Zhu, J. Kim, J. Hwang, J. Kim, J.-W. Kim, B. Keimer, and A. Seo	
Slow spin dynamics in the hyperhoneycomb lattice $[(\text{C}_2\text{H}_5)_3\text{NH}]_2\text{Cu}_2(\text{C}_2\text{O}_4)_3$ revealed by ^1H NMR studies (<i>6 pages</i>)	L100405
Q.-P. Ding, C. Dissanayake, Santanu Pakhira, W. J. Newsome, F. Uribe-Romo, D. C. Johnston, Y. Nakajima, and Y. Furukawa	
Coexistence of antiferromagnetism and superconductivity in $\text{Mn}/\text{Nb}(110)$ (<i>6 pages</i>)	L100406
Roberto Lo Conte, Maciej Bazarnik, Krisztián Palotás, Levente Rózsa, László Szunyogh, André Kubetzka, Kirsten von Bergmann, and Roland Wiesendanger	
Emergent skyrmion-based chiral order in zero-field Heisenberg antiferromagnets on the breathing kagome lattice (<i>6 pages</i>)	L100407
Kazushi Aoyama and Hikaru Kawamura	
Origin of transverse voltages generated by thermal gradients and electric fields in ferrimagnetic-insulator/heavy-metal bilayers (<i>6 pages</i>)	L100408
Arnab Bose, Rakshit Jain, Jackson J. Bauer, Robert A. Buhrman, Caroline A. Ross, and Daniel C. Ralph	
Superfluidity and superconductivity	
Proposal to improve Ni-based superconductors via enhanced charge transfer (<i>4 pages</i>)	L100501
Zi-Jian Lang (郎子健), Ruoshi Jiang (姜若诗), and Wei Ku (顧威)	
Gapless excitations inside the fully gapped kagome superconductors AV_3Sb_5 (<i>5 pages</i>)	L100502
Yuhao Gu, Yi Zhang, Xilin Feng, Kun Jiang, and Jiangping Hu	
Acoustic-phonon-mediated superconductivity in Bernal bilayer graphene (<i>6 pages</i>)	L100503
Yang-Zhi Chou, Fengcheng Wu, Jay D. Sau, and Sankar Das Sarma	
Nonreciprocal Meissner response in parity-mixed superconductors (<i>6 pages</i>)	L100504
Hikaru Watanabe, Akito Daido, and Youichi Yanase	
Topological superconductivity on the honeycomb lattice: Effect of normal state topology (<i>6 pages</i>)	L100505
Sebastian Wolf, Tyler Gardener, Karyn Le Hur, and Stephan Rachel	
Inhomogeneous superconducting states in two weakly linked superconducting ultrathin films (<i>6 pages</i>)	L100506
Gao-Wei Qiu and Yi Zhou	
Enhancement of superconductivity upon reduction of carrier density in proximitized graphene (<i>5 pages</i>)	L100507
Gopi Nath Daptary, Udit Khanna, Eyal Walach, Arnab Roy, Efrat Shimshoni, and Aviad Frydman	
Transient Higgs oscillations and high-order nonlinear light-Higgs coupling in a terahertz wave driven NbN superconductor (<i>5 pages</i>)	L100508
Zi-Xiao Wang, Jie-Ran Xue, Hong-Kai Shi, Xiao-Qing Jia, Tong Lin, Li-Yu Shi, Tao Dong, Fa Wang, and Nan-Lin Wang	
 Pair density wave and reentrant superconducting tendencies originating from valley polarization (<i>5 pages</i>)	L100509
Zhaoyu Han and Steven A. Kivelson	

(Continued)

ARTICLES

Structure, structural phase transitions, mechanical properties, defects

- Different critical behaviors in perovskites with a structural phase transition from cubic-to-trigonal and cubic-to-tetragonal symmetry (*9 pages*) 104101
Amnon Aharony, Ora Entin-Wohlman, and Andrey Kudlis
- Observing localization and delocalization of the flat-band states in an acoustic cubic lattice (*12 pages*) 104102
Ya-Xi Shen, Yu-Gui Peng, Pei-Chao Cao, Jensen Li, and Xue-Feng Zhu
- Pressure-induced emission enhancement and bandgap narrowing: Experimental investigations and first-principles theoretical simulations on the model halide perovskite $\text{Cs}_3\text{Sb}_2\text{Br}_9$ (*11 pages*) 104103
Debabrata Samanta, Sonu Pratap Chaudhary, Bishnupada Ghosh, Sayan Bhattacharyya, Gaurav Shukla, and Goutam Dev Mukherjee
- Synthesis and structural, magnetic, electric, and thermoelectric characterization of layered $\text{Rh}_{1-x}\text{Ir}_x\text{Te}_2$ ($0 \leq x \leq 1$) (*10 pages*) 104104
Florescia E. Lurgo, Fernando Pomiro, Raúl E. Carbonio, and Rodolfo D. Sánchez
- Structural phase transitions and Raman identifications of the layered van der Waals magnet CrI_2 (*5 pages*) 104105
Shuqing Zhang, Fawei Tang, Xiaoyan Song, and Xinpeng Zhang
- Neutron irradiation induced magnetization and persistent defects at high temperatures in graphite (*7 pages*) 104106
Ranjan Mittal, Mayanak K. Gupta, Sanjay K. Mishra, Sourabh Wajhal, Peram D. Babu, Manoj Mohapatra, Baltej Singh, Anil Bhimrao Shinde, Poluri Siva Rama Krishna, R. M. Kadam, Rakesh K. Singhal, Rakesh Ranjan, and Samrath Lal Chaplot
- Acoustic wavelength-selected metamaterials designed by reversed fractional stimulated Raman adiabatic passage (*12 pages*) 104107
Shuai Tang, Jin-Lei Wu, Cheng Lü, Xiaosai Wang, Jie Song, and Yongyuan Jiang
- p*-type behavior of CrN thin films via control of point defects (*9 pages*) 104108
Arnaud le Febvrier, Davide Gambino, Fabien Giovannelli, Babak Bakht, Simon Hurand, Gregory Abadias, Björn Alling, and Per Eklund
- Pressure-driven symmetry transitions in dense H_2O ice (*7 pages*) 104109
Zachary M. Grande, C. Huy Pham, Dean Smith, John H. Boisvert, Chenliang Huang, Jesse S. Smith, Nir Goldman, Jonathan L. Belof, Oliver Tschauner, Jason H. Steffen, and Ashkan Salamat
- Sound velocity softening in body-centered cubic niobium under shock compression (*7 pages*) 104110
Xiaohong Li (李孝红), Chao Yang (杨超), Bo Gan (甘波), Yuqian Huang (黄钰倩), Qiming Wang (王齐明), Toshimori Sekine (関根利守), Jiawang Hong (洪家旺), Gang Jiang (蒋刚), and Youjun Zhang (张友君)
- Stable hexagonal ternary alloy phase in Fe-Si-H at 28.6–42.2 GPa and 3000 K (*10 pages*) 104111
Suyu Fu, Stella Chariton, Vitali B. Prakapenka, Andrew Chizmeshya, and Sang-Heon Shim
- Reversible motions and disordered structure of soft particles in amorphous solids (*7 pages*) 104112
Xinyu Fan, Cai-Zhuang Wang, Kai-Ming Ho, M. S. Altman, and Li Huang
- Anharmonic motion and aspherical nuclear probability density functions in cesium halides (*11 pages*) 104113
Thomas Bjørn Egede Grønbech, Kasper Tolborg, Davide Ceresoli, and Bo Brummerstedt Iversen
- Electrical conduction processes in aluminum: Defects and phonons (*8 pages*) 104114
Kashi N. Subedi, Keerti Kappagantula, Frank Kraft, Aditya Nittala, and David A. Drabold

(Continued)

Inhomogeneous, disordered, and partially ordered systems

Topological properties and localization transition in a one-dimensional non-Hermitian lattice with a slowly varying potential (<i>9 pages</i>)	104201
Siqing Li, Mengyao Li, Yi Gao, and Peiqing Tong	
Scrambling and many-body localization in the XXZ chain (<i>11 pages</i>)	104202
Niklas Bölter and Stefan Kehrein	
Large-scale behavior of energy spectra of the quantum random antiferromagnetic Ising chain with mixed transverse and longitudinal fields (<i>11 pages</i>)	104203
Richard Berkovits	
Dynamics of position-disordered Ising spins with a soft-core potential (<i>6 pages</i>)	104204
Canzhu Tan, Xiaodong Lin, Yabing Zhou, Yuhai Jiang, Matthias Weidemüller, and Bing Zhu	
Adaptive density matrix renormalization group study of the disordered antiferromagnetic spin- $\frac{1}{2}$ Heisenberg chain (<i>9 pages</i>)	104205
Alexander H. O. Wada and José A. Hoyos	
Dynamic spin polarization in organic semiconductors with intermolecular exchange interaction (<i>12 pages</i>)	104206
A. V. Shumilin	
X-ray induced dynamics in borate glasses with different network connectivity (<i>6 pages</i>)	104207
G. Pintori, G. Baldi, F. Dallari, A. Martinelli, M. Sprung, and G. Monaco	
Coherent backscattering of light from a Faraday medium (<i>15 pages</i>)	104208
E. E. Gorodnichev, K. A. Kondratiev, and D. B. Rogozkin	

Dynamics, dynamical systems, lattice effects:

Chiral phonons in lattices with C_4 symmetry (<i>8 pages</i>)	104301
Qianqian Wang, Si Li, Jiaojiao Zhu, Hao Chen, Weikang Wu, Weibo Gao, Lifa Zhang, and Shengyuan A. Yang	
Quasiconserved quantities in the perturbed spin- $\frac{1}{2}$ XXX model (<i>9 pages</i>)	104302
Denis V. Kurlov, Savvas Malikis, and Vladimir Gritsev	
Dynamical relaxation of correlators in periodically driven integrable quantum systems (<i>14 pages</i>)	104303
Sreemayee Aditya, Sutapa Samanta, Arnab Sen, K. Sengupta, and Diptiman Sen	
General memory kernels and further corrections to the variational path integral approach for the Bogoliubov-Fröhlich Hamiltonian (<i>12 pages</i>)	104304
T. Ichmoukamedov and J. Tempere	
Cooling classical many-spin systems using feedback control (<i>5 pages</i>)	104305
Tarek A. Elsayed and Boris V. Fine	
 Entanglement phase transitions in random stabilizer tensor networks (<i>26 pages</i>)	104306
Zhi-Cheng Yang, Yaodong Li, Matthew P. A. Fisher, and Xiao Chen	
Photoinduced dynamics of a quasicrystalline excitonic insulator (<i>13 pages</i>)	104307
Ken Inayoshi, Yuta Murakami, and Akihisa Koga	

(Continued)

Nonlinear topological edge states: From dynamic delocalization to thermalization (<i>15 pages</i>)	104308
Bertin Many Manda, Rajesh Chaunsali, Georgios Theocharis, and Charalampos Skokos	
Low thermal conductivity and high thermoelectric performance via Cd underbonding in half-Heusler PCdNa (<i>8 pages</i>)	104309
Xianfeng Ye, Zhenzhen Feng, Yongsheng Zhang, Gaofeng Zhao, and David J. Singh	
Single-shot measurement of overall degree of spectral coherence: Bulk-generated supercontinuum case (<i>7 pages</i>)	104310
Debanjan Show, Atri Halder, Tommi K. Hakala, and Matias Koivurova	
Magnetism	
Dynamical tuning of the thermal conductivity via magnetophononic effects (<i>9 pages</i>)	104401
Claudio Cazorla and Riccardo Rurali	
 Spin-exchange Hamiltonian and topological degeneracies in elemental gadolinium (<i>12 pages</i>)	104402
A. Scheie, Pontus Laurell, P. A. McClarty, G. E. Granroth, M. B. Stone, R. Moessner, and S. E. Nagler	
Magnetic anisotropy and orbital magnetic moment in Co films and Co/X bilayers ($X = \text{Pd}$ and Pt) (<i>27 pages</i>)	104403
M. Cinal	
 Complex magnetic structure and spin waves of the noncollinear antiferromagnet Mn_5Si_3 (<i>9 pages</i>)	104404
N. Biniskos, F. J. dos Santos, K. Schmalzl, S. Raymond, M. dos Santos Dias, J. Persson, N. Marzari, S. Blügel, S. Lounis, and T. Brückel	
Thermal conductivity of square ice (<i>19 pages</i>)	104405
Ruairidh Sutcliffe and Jeffrey G. Rau	
Spin rectification effect induced by planar Hall effect and its strong impact on spin-pumping measurements (<i>7 pages</i>)	104406
Kang He, Jun Cheng, Man Yang, Yihui Zhang, Longqian Yu, Qi Liu, Liang Sun, Bingfeng Miao, Canming Hu, and Haifeng Ding	
Enhanced subterahertz spin-current transients via modulation of cross-sublattice damping in uniaxial antiferromagnets (<i>5 pages</i>)	104407
Chi Sun, Hyunsoo Yang, and Mansoor B. A. Jalil	
Magnonic proximity effect in insulating ferromagnetic and antiferromagnetic trilayers (<i>7 pages</i>)	104408
Verena Brehm, Martin Evers, Ulrike Ritzmann, and Ulrich Nowak	
Valley modulation and single-edge transport of magnons in breathing kagome ferromagnets (<i>7 pages</i>)	104409
Yuheng Xing, Hao Chen, Ning Xu, Xiao Li, and Lifa Zhang	
Ferrimagnetically ordered states in the Hubbard model on the hexagonal golden-mean tiling (<i>9 pages</i>)	104410
Akihisa Koga and Sam Coates	
Asphericity of magnetization density and anisotropy in rare-earth pyrochlores via polarized neutron diffraction and iterative entropy maximization (<i>6 pages</i>)	104411
I. A. Kibalin and A. Gukasov	
Paramagnetic magnetostriction in the chiral magnet CrNb_3S_6 at room temperature (<i>8 pages</i>)	104412
Masaki Mito, Takayuki Tajiri, Yusuke Kousaka, Yoshihiko Togawa, Jun Akimitsu, Jun-ichiro Kishine, and Katsuya Inoue	

(Continued)

Spatial coexistence of multiple modes in a nanogap spin Hall nano-oscillator with extended Pt/Ni/Fe trilayers (8 pages)	104413
Lina Chen, Wenqiang Wang, Xiang Zhan, Kaiyuan Zhou, Zhenyu Gao, Like Liang, Tiejun Zhou, Youwei Du, and Ronghua Liu	
Quantitative analysis of spin wave dynamics in ferrimagnets across compensation points (8 pages)	104414
Eloi Haltz, João Sampaio, Sachin Krishnia, Léo Berges, Raphaël Weil, Alexandra Mougin, and André Thiaville	
Influence of adjacent metal films on magnon propagation in $\text{Y}_3\text{Fe}_5\text{O}_{12}$ (5 pages)	104415
Sotaro Mae, Ryo Ohshima, Ei Shigematsu, Yuichiro Ando, Teruya Shinjo, and Masashi Shiraishi	
Substantial electronic correlation effects on the electronic properties in a Janus FeClF monolayer (9 pages)	104416
San-Dong Guo, Jing-Xin Zhu, Meng-Yuan Yin, and Bang-Gui Liu	
Antiferromagnetic spin Seebeck effect across the spin-flop transition: A stochastic Ginzburg-Landau simulation (14 pages)	104417
Yutaka Yamamoto, Masanori Ichioka, and Hiroto Adachi	
Spin-lattice couplings in two-dimensional CrI_3 from first-principles computations (10 pages)	104418
Banasree Sadhukhan, Anders Bergman, Yaroslav O. Kvashnin, Johan Hellsvik, and Anna Delin	
Spin-piston problem for a ferromagnetic thin film: Shock waves and solitons (14 pages)	104419
Mingyu Hu, Ezio Iacocca, and Mark A. Hofer	
Dual dynamic scaling in deconfined quantum criticality (16 pages)	104420
Yu-Rong Shu and Shuai Yin	
Use of 4×4 transfer matrix method in the study of surface magnon polaritons via simulated attenuated total reflection measurements on the antiferromagnetic semiconductor MnF_2 (13 pages)	104421
Nathan Hale, Ingve Simonsen, Christoph Brüne, and Morten Kildemo	
 Model for coupled $4f$ - $3d$ magnetic spectra: A neutron scattering study of the Yb-Fe hybridization in $\text{Yb}_3\text{Fe}_5\text{O}_{12}$ (16 pages)	104422
Viviane Peçanha-Antonio, Dharmalingam Prabhakaran, Christian Balz, Aleksandra Krajewska, and Andrew T. Boothroyd	
In-plane orbital magnetization as a probe for symmetry breaking in strained twisted bilayer graphene (15 pages)	104423
Ohad Antebi, Ady Stern, and Erez Berg	
Magnetoelectric phenomena in Fe langasites (15 pages)	104424
A. Yu. Tikhonovskii, V. Yu. Ivanov, A. M. Kuzmenko, A. M. Balbashov, Z. Wang, V. Skumryev, and A. A. Mukhin	
Collinear order in the spin- $\frac{5}{2}$ triangular-lattice antiferromagnet $\text{Na}_3\text{Fe}(\text{PO}_4)_2$ (10 pages)	104425
Sebin J. Sebastian, S. S. Islam, A. Jain, S. M. Yusuf, M. Uhlarz, and R. Nath	
Encyclopedia of emergent particles in type-IV magnetic space groups (7 pages)	104426
Zeyang Zhang, Gui-Bin Liu, Zhi-Ming Yu, Shengyuan A. Yang, and Yugui Yao	
Lattice dynamics and its effects on magnetocrystalline anisotropy energy of pristine and hole-doped YCo_5 from first principles (11 pages)	104427
Guangzong Xing, Yoshio Miura, and Terumasa Tadano	

(Continued)

Helicity locking of a square skyrmion crystal in a centrosymmetric lattice system without vertical mirror symmetry (<i>14 pages</i>)	104428
Satoru Hayami and Ryota Yambe	
Magnetic properties and noncollinear spin structure of the tin-rich stannide $\text{Ho}_5\text{Co}_6\text{Sn}_{18}$ (<i>9 pages</i>)	104429
Chin-Wei Wang, Sunil K. Karna, Shin-ichiro Yano, Chi-Hung Lee, Maxim Avdeev, Chin Shan Lue, and Chia Nung Kuo	
Manipulating the shape of flexible magnetic nanodisks with meronlike magnetic states (<i>9 pages</i>)	104430
Beatriz Miranda-Silva, Pedro H. C. Taveira, Allison W. Teixeira, Jakson M. Fonseca, Leonarde N. Rodrigues, Ricardo G. Elías, Alejandro Riveros, Nicolás Vidal-Silva, and Vagson L. Carvalho-Santos	
Breakdown of atomic spin-orbit coupling picture in an apparently isolated pseudo-one-dimensional iridate: $\text{Sr}_3\text{NaIrO}_6$ (<i>11 pages</i>)	104431
Abhisek Bandyopadhyay, A. Chakraborty, S. Bhowal, Vinod Kumar, M. M. Sala, A. Efimenko, F. Bert, P. K. Biswas, C. Meneghini, N. Büttgen, I. Dasgupta, T. Saha Dasgupta, A. V. Mahajan, and Sugata Ray	
Realistic micromagnetic description of all-optical ultrafast switching processes in ferrimagnetic alloys (<i>11 pages</i>)	104432
V. Raposo, F. García-Sánchez, U. Atxitia, and E. Martínez	
Nonlinear dynamics of the non-Hermitian Su-Schrieffer-Heeger model (<i>10 pages</i>)	104433
Pieter M. Gunnink, Benedetta Flebus, Hilary M. Hurst, and Rembert A. Duine	
Efficient orbital torque in polycrystalline ferromagnetic-metal/ $\text{Ru}/\text{Al}_2\text{O}_3$ stacks: Theory and experiment (<i>6 pages</i>)	104434
Liyang Liao, Fenghua Xue, Lei Han, Junyeon Kim, Ruiqi Zhang, Lun Li, Jiuming Liu, Xufeng Kou, Cheng Song, Feng Pan, and YoshiChika Otani	
High spin-wave asymmetry and emergence of radial standing modes in thick ferromagnetic nanotubes (<i>11 pages</i>)	104435
R. A. Gallardo, P. Alvarado-Seguel, and P. Landeros	
Symmetry effects on the static and dynamic properties of coupled magnetic oscillators (<i>6 pages</i>)	104436
J. P. Patchett, M. Drouhin, J. W. Liao, Z. Soban, D. Petit, J. Haigh, P. Roy, J. Wunderlich, R. P. Cowburn, and C. Ciccarelli	
Conservation of angular momentum in ultrafast spin dynamics (<i>12 pages</i>)	104437
Jacopo Simoni and Stefano Sanvito	
Superfluidity and superconductivity	
Inherited topological superconductivity in two-dimensional Dirac semimetals (<i>17 pages</i>)	104501
Chiu Fan Bowen Lo, Hoi Chun Po, and Andriy H. Nevidomskyy	
Substrate-induced broken C_4 symmetry and gap variation in superconducting single-layer $\text{FeSe}/\text{SrTiO}_3-(\sqrt{13} \times \sqrt{13})$ (<i>5 pages</i>)	104502
Wen Si (司文), Tomoaki Tanaka (田中友晃), Satoru Ichinokura (一ノ倉聖), and Toru Hirahara (平原徹)	
Thermal effects on collective modes in disordered s -wave superconductors (<i>16 pages</i>)	104503
Abhisek Samanta, Anirban Das, Nandini Trivedi, and Rajdeep Sensarma	
Two-dimensional superconductivity in single-band correlated $2H$ -type NbO_2 layers (<i>7 pages</i>)	104504
Takuto Soma, Kohei Yoshimatsu, Koji Horiba, Hiroshi Kumigashira, and Akira Ohtomo	

(Continued)

Spectroscopic evidence of multigap superconductivity in noncentrosymmetric AuBe (7 pages)	104505
Soumya Datta, Aastha Vasdev, Partha Sarathi Rana, Kapil Motla, Anshu Kataria, Ravi Prakash Singh, Tanmoy Das, and Goutam Sheet	
Thermopower and thermophase in a <i>d</i> -wave superconductor (10 pages)	104506
Kevin Marc Seja, Louhane Jacob, and Tomas Löfwander	
Spin-triplet superconductivity driven by finite-momentum spin fluctuations (10 pages)	104507
Andreas Kreisel, Yundi Quan, and P. J. Hirschfeld	
Supercurrent diode effect, spin torques, and robust zero-energy peak in planar half-metallic trilayers (19 pages)	104508
Klaus Halterman, Mohammad Alidoust, Ross Smith, and Spencer Starr	
Spontaneous symmetry breaking, spectral statistics, and the ramp (15 pages)	104509
Michael Winer and Brian Swingle	
Revisiting homogeneous electron gas in pursuit of properly normed <i>ab initio</i> Eliashberg theory (11 pages)	104510
Ryosuke Akashi	
High-temperature superconductivity below 100 GPa in ternary C-based hydride MC_2H_8 with molecular crystal characteristics ($M = Na, K, Mg, Al$, and Ga) (8 pages)	104511
Meng-Jing Jiang, Yu-Long Hai, Hui-Li Tian, Han-Bin Ding, Yu-Jie Feng, Chun-Lei Yang, Xiao-Jia Chen, and Guo-Hua Zhong	
Enhanced Nernst effect above T_c in the quasi-two-dimensional iron pnictide superconductor $CsCa_2Fe_4As_4F_2$ (7 pages)	104512
Miaocong Li, Zhicheng Wang, Dan Zhao, Yabin Liu, Chenxi Jiang, Tao Wu, Qian Tao, Guang-Han Cao, and Zhu-An Xu	
Incoherent excitation of coherent Higgs oscillations in superconductors (5 pages)	104513
Matteo Bellitti, Chris R. Laumann, and Boris Z. Spivak	
Superconductivity in the van der Waals crystal SnS_2 up to 105 GPa (6 pages)	104514
Binbin Yue, Wei Zhong, Xiaohui Yu, and Fang Hong	
Euler-obstructed Cooper pairing: Nodal superconductivity and hinge Majorana zero modes (40 pages)	104515
Jiabing Yu, Yu-An Chen, and Sankar Das Sarma	
Quantum dynamics of disordered arrays of interacting superconducting qubits: Signatures of quantum collective states (9 pages)	104516
M. V. Fistul, O. Neyenhuys, A. B. Bocaz, M. Lisitskiy, and I. M. Eremin	