

	Supermodulation-driven evolution of the nodal structure of bismuth-based cuprate superconductors (<i>4 pages</i>)	064508
	M. R. Norman	
	Application of many-body nonperturbative theories to the three-dimensional attractive Hubbard model (<i>21 pages</i>)	064509
	Junnian Xiong, Hui Li, Yingze Su, and Dingping Li	
	Optimizing the critical temperature and superfluid density of a metal-superconductor bilayer (<i>9 pages</i>)	064510
	Yutan Zhang, Philip M. Dee, Benjamin Cohen-Stead, Thomas A. Maier, Steven Johnston, and Richard Scalettar	
☞	Doping dependence of the low-temperature planar carrier density in overdoped $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$ (<i>8 pages</i>)	064511
	R. Nicholls, R. D. H. Hinlopen, J. Ayres, T. Kotte, T. Förster, J. Park, J. Sourd, A. Carrington, and N. E. Hussey	
	Optical signatures of Euler superconductors (<i>23 pages</i>)	064512
	Chun Wang Chau, Wojciech J. Jankowski, and Robert-Jan Slager	
☞	Spectroscopic visualization of hard quasi-one-dimensional superconductivity induced in nanowires deposited on a quasi-two-dimensional indium film (<i>7 pages</i>)	064513
	Ambikesh Gupta, Pranab Kumar Nag, Shai Kiriati, Samuel D. Escribano, Man Suk Song, Hadas Shtrikman, Yuval Oreg, Nurit Avraham, and Haim Beidenkopf	
	Self-consistent surface superconductivity in time-reversal symmetric Weyl semimetals (<i>10 pages</i>)	064514
	Mattia Trama, Viktor Könye, Ion Cosma Fulga, and Jeroen van den Brink	
	High-pressure superconducting phases in quasi-one-dimensional $(\text{TaSe}_4)_3\text{I}$ (<i>9 pages</i>)	064515
	Yang Zhang, Hongze Zhao, Jie Li, Rucheng Dai, Ziqi Wang, Zhongping Wang, and Zengming Zhang	
	Deep learning assisted exploration of superionic states and melting temperatures in Li-Sn superconductors (<i>17 pages</i>)	064516
	Xinwei Wang, Bohan Cao, Mengxin Yang, Haobo Li, Xiaohan Wang, Defang Duan, Liang Li, Fubo Tian, and Tian Cui	

Tuning the band topology and topological Hall effect in skyrmion crystals via the spin-orbit coupling (13 pages)	064428
Arijit Mandal, S. Satpathy, and B. R. K. Nanda	
Quantum geometry and magnon Hall transport in an altermagnet (9 pages)	064429
Erlend Syljuåsen, Alireza Qaiumzadeh, and Asle Sudbø	
Coexistence of anomalous spin dynamics and weak magnetic order in the chiral trillium lattice $\text{K}_2\text{FeSn}(\text{PO}_4)_3$ (11 pages)	064430
J. Khatua, S. Krishnamoorthi, Changhyun Koo, Gyungbin Ban, Taeyun Kim, Suyoung Kim, Yugo Oshima, Jonas A. Krieger, Thomas J. Hicken, Hubertus Luetkens, Marc Uhlarz, Eundeok Mun, Kyeong Jun Lee, Seo Hyoung Chang, R. Sankar, and Kwang-Yong Choi	
Elastic quantum criticality in nematics and altermagnets via the elastocaloric effect (22 pages)	064431
Charles R. W. Steward, Grgur Palle, Markus Garst, Jörg Schmalian, and Iksu Jang	
Temperature-dependent study of the spin dynamics of coupled $\text{Y}_3\text{Fe}_5\text{O}_{12}/\text{Gd}_3\text{Fe}_5\text{O}_{12}/\text{Pt}$ trilayers (9 pages)	064432
Felix Fuhrmann, Sven Becker, Akashdeep Akashdeep, Gerhard Jakob, Qianqian Lan, Nan Wang, Rafal E. Dunin-Borkowski, Romain Lebrun, Mathias Weiler, and Mathias Kläui	
Influence of the Fe/Co ratio on the structural and magnetic properties of FeCoMnAlSi high-entropy alloys with varied Mn content (11 pages)	064433
Z. X. Chen, C. Wang, Z. B. Song, Aditya Jain, H. Z. Zhou, and Y. G. Wang	
Crystal fields, exchange and dipolar interactions, and noncollinear magnons of erbium oxide (9 pages)	064434
Kian Maleki and Michael E. Flatté	
Superfluidity and superconductivity	
Topological in-gap chiral edge states in the superconducting Haldane model with spin-orbit coupling (10 pages)	064501
Sajid Sekh and Andrzej Ptok	
Evidence of pair density waves pinned by Zn impurities in $\text{Bi}_2\text{Sr}_2\text{Ca}(\text{Cu}_{1-x}\text{Zn}_x)_2\text{O}_{8+\delta}$ (8 pages)	064502
Zhaohui Wang, Jiasen Xu, Han Li, Shengtai Fan, Huan Yang, and Hai-Hu Wen	
Converting KTeO_3 into high-temperature topological superconductors via carrier-doped suppression of Te multivalency (9 pages)	064503
Ze Huang, Zhenyu Zhang, and Ping Cui	
Voltage-tunable spin supercurrent nonreciprocity reaching 100% efficiency (10 pages)	064504
Chi Sun, Johanne Bratland Tjernshaugen, and Jacob Linder	
Coexistence of superconductivity and topological band in a van der Waals $\text{Sn}_{1-x}\text{In}_x\text{Bi}_2\text{Te}_4$ crystal (9 pages)	064505
Hoyeon Jeon, Saban Hus, Jewook Park, Qiangsheng Lu, Seoung-Hun Kang, Mina Yoon, Robert G. Moore, Jiaqiang Yan, Michael A. McGuire, and An-Ping Li	
Largely enhanced electron-phonon coupling in the superconductors HfRuP and ZrRuAs (8 pages)	064506
Wei Ren, Helin Mei, Zhongchen Xu, Xiang Li, Shaoshuai Hou, Xueying Ma, Mingshu Tan, Shiyu Wang, Jianting Ji, Feng Jin, Youguo Shi, Anmin Zhang, and Qingming Zhang	
Phonon-mediated superconductivity in magic-strain bilayer graphene (11 pages)	064507
Qingxiang Ji, Bohan Li, Johan Christensen, Changguo Wang, and Muamer Kadic	

(Continued)

Lu/Se substitution effect on magnetic properties of the Yb-based zigzag-chain semiconductor YbCuS ₂ (8 pages)	064414
Fumiya Hori, Hiroyasu Matsudaira, Shunsaku Kitagawa, Kenji Ishida, Souichiro Mizutani, Hirotaka Shirai, and Takahiro Onimaru	
☞ Insight into spin-to-charge conversion in rutile RuO ₂ (7 pages)	064415
Yanzhang Cao, Da Tian, Lin Huang, Hua Bai, Shixuan Liang, Lei Han, Chong Chen, Yichi Zhang, Lei Wang, Caihong Zhang, Feng Pan, Biaobing Jin, and Cheng Song	
Selectively dissipative and coherent couplings mediated by the interaction between antiresonance and multiple magnons (6 pages)	064416
Zhenhui Hao, Yuping Yao, Kang An, Xiling Li, Chi Zhang, and Guozhi Chai	
Magnetic structure of high-order skyrmion number produced in a nanodisk via micromagnetic simulation with long-range dipole-dipole interaction (8 pages)	064417
Syuta Honda, Hideto Tsuzuki, Hiroyoshi Itoh, and Tomokatsu Ohsawa	
Anomalous magnetic transition in a disordered quasicrystal approximant with heavy-fermion nature (10 pages)	064418
Takayuki Shiino, Farid Labib, Yuma Hirano, Kazuhiko Deguchi, Keiichiro Imura, Takanori Sugimoto, Satoshi Ohhashi, Nobuhisa Fujita, An-Pang Tsai, and Noriaki K. Sato	
Tailoring the topological Hall effect in Pt/Co/X (X = Ta, Re) thin films (10 pages)	064419
Brindaban Ojha, Shaktiranjana Mohanty, Bhuvneshwari Sharma, and Subhankar Bedanta	
Step conductance and spin selectivity in a one-dimensional tailored conical magnet (6 pages)	064420
X. Zotos	
Magnetic octupole Hall effect in heavy transition metals (10 pages)	064421
Insu Baek, Seungyun Han, and Hyun-Woo Lee	
Domain wall networks as skyrmion crystals in chiral magnets (8 pages)	064422
Seungho Lee, Toshiaki Fujimori, Muneto Nitta, and Se Kwon Kim	
Crucial role of electron-phonon scattering in the spin-splitter effect (7 pages)	064423
Ran He, Zhifu Duan, Binghua Lei, Nannan Luo, Jiang Zeng, Ke-Qiu Chen, and Li-Ming Tang	
Anisotropy of exchange interactions and spin reversal in the compensated ferrimagnet Ni ₄ Nb ₂ O ₉ (9 pages)	064424
E. E. Zubov, I. Fita, R. Puzniak, and A. Wisniewski	
☞ Altermagnetic splitting of magnons in hematite α -Fe ₂ O ₃ (22 pages)	064425
Rhea Hoyer, P. Peter Stavropoulos, Aleksandar Razpopov, Roser Valentí, Libor Šmejkal, and Alexander Mook	
Enhanced low-field anisotropic magnetoresistance in the lightly hole-doped $J_{\text{eff}} = 1/2$ antiferromagnet Sr ₂ IrO ₄ (8 pages)	064426
Bin You, Ni Hu, Honggang Zhu, Yong Liu, and Chengliang Lu	
Fast magnetization precession and strong perpendicular magnetic anisotropy in ferrimagnetic Mn ₄ N thin films improved by a Pd buffer layer (7 pages)	064427
Yao Zhang, Yun Kim, Peter P. Murmu, Dingbin Huang, Deyuan Lyu, Jian-Ping Wang, Xiaojia Wang, and Simon Granville	

(Continued)

Nonstabilizerness in the unitary and monitored quantum dynamics of XXZ-staggered and Sachdev-Ye-Kitaev models (<i>11 pages</i>)	064312
Angelo Russomanno, Gianluca Passarelli, Davide Rossini, and Procolo Lucignano	
Magnetism	
Above room temperature multiferroic tunnel junction with the altermagnetic metal CrSb (<i>16 pages</i>)	064401
Long Zhang, Guangxin Ni, Junjie He, and Guoying Gao	
Competition between terahertz magnetoelectric and Néel spin-orbit torque driven spin dynamics in metallic antiferromagnets (<i>9 pages</i>)	064402
R. M. Dubrovin, A. V. Kimel, and A. K. Zvezdin	
Determination of ligand field parameters of single-molecule magnets from magnetic susceptibility using deep learning based inverse models (<i>12 pages</i>)	064403
Zayan A. Ali, Julius Mutschler, and Oliver Waldmann	
Interplay between aging and rejuvenation in spin glasses (<i>6 pages</i>)	064404
J. Freedberg, D. L. Schlagel, R. L. Orbach, and E. Dan Dahlberg	
Designing nonrelativistic spin splitting in oxide perovskites (<i>15 pages</i>)	064405
Subhadeep Bandyopadhyay, Silvia Picozzi, and Sayantika Bhowal	
Temperature- and field-induced magnetic phase transitions in BaHoFeO ₄ : A neutron diffraction study (<i>13 pages</i>)	064406
C. H. Prashanth, D. Chandrasekhar Kakarla, Bikash Saha, Abhijit Nayak, C. W. Wang, Ajay Tiwari, H. D. Yang, Shiu-Ming Huang, Mitch M. C. Chou, Anup Kumar Bera, and Krishnamurthy Jyothinagaram	
Magnetic interactions in (Mo _{2/3} R _{1/3}) ₂ AlC rare-earth <i>i</i> -MAX phases (<i>R</i> = Nd, Sm, Gd, Tb, Dy, Ho, and Er) from first principles and experiment (<i>8 pages</i>)	064407
Daniel Potashnikov, El'ad Nisan Caspi, Quanzheng Tao, Johanna Rosen, Denis Cheptiyakov, Clemens Ritter, and Oswaldo Diéguez	
Effective field theory for anisotropic antiferromagnets: Gapped Goldstone bosons, pseudo-Goldstone excitations, and phase transitions (<i>11 pages</i>)	064408
Pier Giuseppe Catinari, Angelo Esposito, and Shashin Pavaskar	
Thermally quenched metastable phase in the Ising model with competing interactions (<i>11 pages</i>)	064409
Hiroshi Oike, Hidemaro Suwa, Yasunori Takahashi, and Fumitaka Kagawa	
Spin-wave vortex as a topological probe of magnetic textures (<i>7 pages</i>)	064410
Hongbin Wu and Jin Lan	
Ferroaxial phonons in chiral and polar NiCo ₂ TeO ₆ (<i>6 pages</i>)	064411
V. A. Martinez, Y. Gao, J. Yang, F. Lyzwa, Z. Liu, C. J. Won, K. Du, V. Kiryukhin, S. W. Cheong, and A. A. Sirenko	
Quantum wetting transition in the gapped antiferromagnetic XXZ chain (<i>9 pages</i>)	064412
Tianhao He and Xintian Wu	
Pathways to bubble and skyrmion lattice formation in Fe/Gd multilayers (<i>12 pages</i>)	064413
Tim Titze, Sabri Koraltan, Mailin Matthies, Timo Schmidt, Dieter Suess, Manfred Albrecht, Stefan Mathias, and Daniel Steil	

(Continued)

Nonlocal far-field modeling of multichannel metastructures (<i>12 pages</i>)	064205
Peyman Abdipour and George V. Eleftheriades	
Anderson localization of light by impurities in a solid transparent matrix (<i>13 pages</i>)	064206
S. E. Skipetrov and I. M. Sokolov	
Significance of the structural configuration of B2 disorder in Co and Ti based Heusler alloys (<i>16 pages</i>)	064207
Swati Pathak, S. Khalid, and R. Bindu	
Topological amplification of the bosonic Kitaev chain with nonuniform loss (<i>14 pages</i>)	064208
Clément Fortin, Kai Wang, and T. Pereg-Barnea	
Dynamics, dynamical systems, lattice effects:	
Spacetime picture for entanglement generation in noisy fermion chains (<i>23 pages</i>)	064301
Tobias Swann, Denis Bernard, and Adam Nahum	
Manipulating topological chiral phonons with a magnetic field (<i>9 pages</i>)	064302
Xiaozhe Li, Yang Long, Yan Zhou, Hao Chen, and Lifa Zhang	
Variational transformer ansatz for the density operator of steady states in dissipative quantum many-body systems (<i>16 pages</i>)	064303
Lu Wei, Zhian Jia, Yufeng Wang, Dagomir Kaszlikowski, and Haibin Ling	
Field theory of monitored interacting fermion dynamics with charge conservation (<i>31 pages</i>)	064304
Haoyu Guo, Matthew S. Foster, Chao-Ming Jian, and Andreas W. W. Ludwig	
Entanglement in dual unitary quantum circuits with impurities (<i>7 pages</i>)	064305
Shachar Fraenkel and Colin Rylands	
Local atomic energy regularization with posterior information optimization in machine-learning interatomic potentials (<i>9 pages</i>)	064306
Yanxiao Hu, Ye Sheng, Jing Huang, Xiaoxin Xu, Yabei Wu, Caichao Ye, Jiong Yang, and Wenqing Zhang	
Relation between equilibrium quantum phase transitions and dynamical quantum phase transitions in two-band systems (<i>9 pages</i>)	064307
Yumeng Zeng and Shu Chen	
Nonlinear phononics in Bi ₂ Te ₃ nanoscale thin films: A theoretical approach (<i>16 pages</i>)	064308
A. Levchuk, R. Busselez, G. Vaudel, P. Ruello, V. Juvé, and B. Arnaud	
Impact of high-order anharmonicity and nitrogen vacancy defects on the thermal conductivity of MoSi ₂ N ₄ (<i>13 pages</i>)	064309
Zhendong Li, Tao Ouyang, Longwei Han, Zhunyun Tang, Xiaoxia Wang, Juexian Cao, Pei Zhang, Yongshen Yao, and Xiaolin Wei	
Statistical prethermalization in a randomly kicked many-body classical rotor system (<i>13 pages</i>)	064310
Aritra Kundu, Tanay Nag, and Atanu Rajak	
Defect-engineering induced ultralow thermal conductivity in the diamondlike compound Cu ₂ HgSnSe ₄ (<i>10 pages</i>)	064311
Peixin Ma, Mingqian Yuan, Yan-Jiong Zhang, Yuling Jin, Yonglong Xue, Yong Zhang, Jia-Zhen Chen, Yang-Yang Lv, Zhihuang Xu, Jianghe Feng, Xue-Jun Yan, Shu-Hua Yao, Jian Zhou, Y. B. Chen, Ming-Hui Lu, and Yan-Feng Chen	

(Continued)

First-principles effective Hamiltonian for finite-temperature modeling of nonperovskite ferroelectrics (<i>9 pages</i>)	064104
Maggie Kingsland, J. Townsend, Sina Najmaei, S. Lisenkov, and I. Ponomareva	
Strain-independent negative Poisson's ratio in layered transition metal borides (<i>10 pages</i>)	064105
Haojie Hu, Qiong Peng, Junfei Ding, Jian Zhou, Xiaosi Qi, and Zhimei Sun	
Melting behavior of aluminum up to 160 GPa: Consistency between dynamic and hydrostatic compression experiments (<i>8 pages</i>)	064106
Haidong Jin, Shijia Ye, Long Hao, Youjun Zhang, Jian Wu, Tao Xue, Hongxing Song, Ke Jin, Qiang Wu, Lixin Liu, and Jun Li	
Orbital degree of freedom induced non-Hermitian skin effect in acoustic crystals (<i>8 pages</i>)	064107
Yu-qi Chen, Bing-bing Wang, Hong-yu Zou, and Hong-xiang Sun	
Enhanced damping capacity of graphene origami reinforced metal matrix nanocomposites (<i>11 pages</i>)	064108
Pan Shi, Yao Chen, Haodong Zhou, Jian Feng, and Pooya Sareh	
Elongation and compression of Fe-Fe atomic pairs in Fe-Ni invar alloys: Microscopic observations of the magnetovolume effect in ferromagnetic Fe-Ni fcc-based alloys (<i>8 pages</i>)	064109
Naoki Ishimatsu, Yusuke Kubo, Naoto Kitamura, Naomi Kawamura, Saori Kawaguchi-Imada, and Tetsuo Irifune	
Fractional Fermi numbers in Dirac systems with topological point defects (<i>8 pages</i>)	064110
L. B. Shao	
Multishock compression of dense deuterium-helium mixtures with varying helium abundance up to megabar pressures: Assessing the role of the nonideal mixing effect (<i>10 pages</i>)	064111
Lei Liu, Zhi-Guo Li, Qi-Feng Chen, Yun-Jun Gu, Guo-Jun Li, Zhao-Qi Wang, Yang-shun Lan, Zhi-Jun Shen, and Hua-Zhong Guo	
Local structural distortion with a ferroic interaction in $1T'$ -TaTe ₂ (<i>8 pages</i>)	064112
D. Ito, K. Kimura, T. Ohashi, H. Tajiri, K. Hayashi, and N. Katayama	
Broken inversion symmetry in the charge density wave phase in EuAl ₄ (<i>10 pages</i>)	064113
Surya Rohith Kotla, Leila Noohinejad, Preeti Pokhriyal, Martin Tolkiehn, Harshit Agarwal, Sitaram Ramakrishnan, and Sander van Smaalen	
Inhomogeneous, disordered, and partially ordered systems	
Orbital and spin bilinear magnetotransport effect in Weyl/Dirac semimetals (<i>11 pages</i>)	064201
Zhanyunxin Du, Yue-Xin Huang, and Xiao Li	
A tale of two localizations: Coexistence of flat bands and Anderson localization in a photonics-inspired amorphous system (<i>14 pages</i>)	064202
Elizabeth J. Dresselhaus, Alexander Avdoshkin, Zhetao Jia, Matteo Seclí, Boubacar Kanté, and Joel E. Moore	
Scaling of many-body localization transitions: Quantum dynamics in Fock space and real space (<i>32 pages</i>)	064203
Thibault Scoquart, Igor V. Gornyi, and Alexander D. Mirlin	
Disordered transition metal dichalcogenides: A coherent potential approximation study (<i>8 pages</i>)	064204
Pedro L. Alcázar Ruano, Dúncan Martínez, Olga Arroyo-Gascón, Yuriko Baba, Jorge Quereda, and Francisco Domínguez-Adame	

(Continued)

Transient selection of competing order in frustrated spin-Peierls systems after a quench (7 pages)	L060406
Jing Zhou and Yuan Wan	
☞ Towards a global phase diagram of Ce-based dipolar-octupolar pyrochlore magnets under magnetic fields (7 pages)	L060407
Zhengbang Zhou (周政邦) and Yong Baek Kim	
Multiferroicity in the incommensurate magnetic phase of $\text{Yb}_2\text{BaCuO}_5$ (7 pages)	L060408
Premakumar Yanda, N. Boudjada, Juan Rodríguez-Carvajal, and A. Sundaresan	
Integrability of the Kondo model with time-dependent interaction strength (6 pages)	L060409
Parameshwar R. Pasnoori	
Superfluidity and superconductivity	
Phase diagram of CeRh_2As_2 for out-of-plane magnetic field (6 pages)	L060501
P. Khanenko, J. F. Landaeta, S. Ruet, T. Lühmann, K. Semeniuk, M. Pelly, A. W. Rost, G. Chajewski, D. Kaczorowski, C. Geibel, S. Khim, E. Hassinger, and M. Brando	
Non-Hermitian superconducting diode effect (8 pages)	L060502
Junjie Qi, Ming Lu, Jie Liu, Chui-Zhen Chen, and X. C. Xie	
Unidirectional charge and pair density waves in topological monolayer $1T'$ - MoTe_2 (7 pages)	L060503
Li-Xuan Wei, Peng-Cheng Xiao, Fangsen Li, Li Wang, Bo-Yuan Deng, Fang-Jun Cheng, Fa-Wei Zheng, Ning Hao, Ping Zhang, Xu-Cun Ma, Qi-Kun Xue, and Can-Li Song	
Reconstructing critical current density in Josephson junctions with phase nonlinearity (5 pages)	L060504
A. Kudriashov, R. A. Hovhannisyan, X. Zhou, L. Elesin, L. V. Yashina, K. S. Novoselov, and D. A. Bandurin	
☞ Intrinsic superconducting diode effect and nonreciprocal superconductivity in rhombohedral graphene multilayers (7 pages)	L060505
Yinqi Chen, Mathias S. Scheurer, and Constantin Schrade	
Quantum hydrodynamics of a polariton fluid: Pure energy relaxation terms (6 pages)	L060506
D. A. Saltykova, A. V. Yulin, and I. A. Shelykh	

ARTICLES

Structure, structural phase transitions, mechanical properties, defects

Raman signatures of cation vacancies in rare earth nitrides (6 pages)	064101
M. Markwitz, K. Van Koughnet, K. Kneisel, W. F. Holmes-Hewett, F. Natali, E. X. M. Trewick, L. Porteous, B. J. Ruck, and H. J. Trodahl	
Grüneisen parameter, sound velocity, and shock-induced melting of a Ce-5 wt.% La alloy under dynamic compression up to 100 GPa (12 pages)	064102
Yun-Jun Gu, Jian-Zhou Zhao, Kai Zhao, Guo-Jun Li, Zhao-Qi Wang, Jia-Xing Gu, and Qi-Feng Chen	
High-pressure polymerization of <i>cis</i> - N_2F_2 chains (7 pages)	064103
Guo Chen, Lin Ling, Chengfeng Zhang, Jie Zhang, Gilles Frapper, and Xianlong Wang	

(Continued)

LETTERS

Structure, structural phase transitions, mechanical properties, defects

- Quasiaperiodic grain boundary phases of $\Sigma 5$ tilt grain boundaries in refractory metals (7 pages) L060101
Enze Chen and Timofey Frolov

- Towards structural softness and enhanced electromechanical responses in HfO_2 ferroelectrics (6 pages) L060102
Binayak Mukherjee, Natalya S. Fedorova, and Jorge Íñiguez-González

Dynamics, dynamical systems, lattice effects:

- Nonequilibrium critical dynamics with emergent supersymmetry (8 pages) L060301
Zhi Zeng, Yin-Kai Yu, Zi-Xiang Li, and Shuai Yin

-  Nuclear magnetic resonance far off the Larmor frequency: Nonsecular resonances in CaF_2 (6 pages) L060302
Michael Jurkutat, Kajum Safiullin, Pooja Singh, Stephan L. Grage, Jürgen Haase,
Boris V. Fine, and Benno Meier

-  Selected magnetoelectrical phonon stiffening in Cr_2O_3 (6 pages) L060303
Qiyang Sun, Yaokun Su, Douglas L. Abernathy, Wei Tian, and Chen Li

- Persistent topological negativity in a high-temperature mixed state (9 pages) L060304
Yonna Kim, Ali Lavasani, and Sagar Vijay

Magnetism

- Two-dimensional antiferromagnets with nonrelativistic spin splitting switchable by electric polarization (9 pages) L060401
Himanshu Mavani, Kai Huang, Kartik Samanta, and Evgeny Y. Tsybal

- Spin Seebeck effect of interacting spinons (6 pages) L060402
Ren-Bo Wang, Naveen Nishad, Anna Keselman, Leon Balents, and Oleg A. Starykh

- Thermal Hall effect and gauge-field picture of magnons in antiferromagnetic skyrmion crystals (7 pages) L060403
Masataka Kawano

- Magnetic tuning of the tunnel coupling in an optically active quantum dot molecule (5 pages) L060404
Frederik Bopp, Charlotte Cullip, Christopher Thalacker, Michelle Lienhart, Johannes Schall,
Nikolai Bart, Friedrich Sbresny, Katarina Boos, Sven Rodt, Dirk Reuter, Arne Ludwig,
Andreas D. Wieck, Stephan Reitzenstein, Filippo Troiani, Guido Goldoni, Elisa Molinari,
Kai Müller, and Jonathan J. Finley

- Frequency dependence of temporal spin stiffness and short-range magnetic order in the doped two-dimensional Hubbard model (7 pages) L060405
I. A. Goremykin and A. A. Katanin



(Continued)



2469-9950(20250801)112:6;1-A