

High-sensitivity specific heat study of the low-temperature–high-field corner of the H - T phase diagram of FeSe (7 pages)	224506
T. Klein, A. Demuer, G. Seyfarth, H. Cercellier, L. Doussoulin, P. Toulemonde, A.-A. Haghighirad, F. Hardy, and C. Marcenat	
Robust spin polarization of Yu-Shiba-Rusinov states in superconductor/ferromagnetic insulator heterostructures (10 pages)	224507
A. Skuratovska, J. Ortuzar, D. Bercioux, F. S. Bergeret, and M. A. Cazalilla	
Universal phonon softening in the pseudogap state of $\text{Ti}_2\text{Ba}_2\text{Ca}_{n-1}\text{Cu}_n\text{O}_{2n+4+\delta}$ (12 pages)	224508
Jia-Wei Hu, Kai Zhang, Yong-Chang Ma, Nan-Lin Wang, Viktor V. Struzhkin, Alexander F. Goncharov, Hai-Qing Lin, and Xiao-Jia Chen	
Vortex dynamics induced by scanning SQUID susceptometry (16 pages)	224509
Logan Bishop-Van Horn, Eli Mueller, and Kathryn A. Moler	
Kramers Fulde-Ferrell state and superconducting spin diode effect (12 pages)	224510
Yi Zhang and Ziqiang Wang	
Boundary-obstructed topological superconductor in buckled honeycomb lattice under perpendicular electric field (15 pages)	224511
Rasoul Ghadimi, Seung Hun Lee, and Bohm-Jung Yang	
Violation of the orbital depairing limit in a nonunitary state: High-field phase in the heavy fermion superconductor UTe_2 (11 pages)	224512
Kazushige Machida	
Gate-switchable SQUID based on Dirac semimetal Cd_3As_2 nanowires (7 pages)	224513
Na Li, Chun-Guang Chu, Jing-Jing Chen, An-Qi Wang, Zhen-Bing Tan, Zhen-Cun Pan, Zhao-Hui Chen, Da-Peng Yu, and Zhi-Min Liao	
Interlayer coupling in the superconducting state of iron-based superconductors (11 pages)	224514
Wenshan Hong, Honglin Zhou, Zezhong Li, Yang Li, Uwe Stuhr, Amit Pokhriyal, Haranath Ghosh, Zhen Tao, Xingye Lu, Jiangping Hu, Shiliang Li, and Huiqian Luo	
Classification of Yu-Shiba-Rusinov states of magnetic impurities on superconducting surfaces: A fully relativistic first-principles study (8 pages)	224515
András Lászlóffy, Bendegúz Nyári, László Szunyogh, Kyungwha Park, and Balázs Ujfalussy	
Weak-coupling theory of pair density wave instabilities in transition metal dichalcogenides (20 pages)	224516
Daniel Shaffer, F. J. Burnell, and Rafael M. Fernandes	
Impact of random impurities on the anomalous Hall effect in chiral superconductors (9 pages)	224517
Hao-Tian Liu, Weipeng Chen, and Wen Huang	
Superconducting diode effect in quasi-one-dimensional systems (6 pages)	224518
Tatiana de Picoli, Zane Blood, Yuli Lyanda-Geller, and Jukka I. Väyrynen	
Staircase penetration of magnetic flux into a superconducting flat ring (9 pages)	224519
Leonid Burlachkov and Nikita Fuzailov	

Spin reorientation induced anisotropic magnetoresistance switching in $\text{LaCo}_{0.5}\text{Ni}_{0.5}\text{O}_{3-\delta}$ thin films (<i>11 pages</i>) . . .	224425
P. K. Sreejith, T. S. Suraj, Hari Babu Vasili, Suresh Sreya, Pierluigi Gargiani, K. Sethupathi, Oscar Cespedes, V. Sankaranarayanan, and M. S. Ramachandra Rao	
Surface chiral Berry plasmons on disordered permalloys (<i>11 pages</i>)	224426
Zhen Liang and Tianyu Liu	
Transient dynamics and quantum phase diagram for the square lattice Rashba-Hubbard model at arbitrary hole doping (<i>19 pages</i>)	224427
Erik Wegner Hodt, Jabir Ali Ouassou, and Jacob Linder	
 Dynamics of fractionalized mean-field theories: Consequences for Kitaev materials (<i>17 pages</i>)	224428
Tessa Cookmeyer and Joel E. Moore	
Role of electron polarization in nuclear spin diffusion (<i>6 pages</i>)	224429
Alessandro Chessari, Samuel F. Cousin, Sami Jannin, and Quentin Stern	
First-principles calculation of the optical rotatory power of periodic systems: Modern theory with modern functionals (<i>13 pages</i>)	224430
Jacques K. Desmarais, Bernard Kirtman, and Michel Rérat	
Controllable creation of skyrmion bags in a ferromagnetic nanodisk (<i>7 pages</i>)	224431
Lan Bo, Rongzhi Zhao, Chenglong Hu, Xichao Zhang, Xuefeng Zhang, and Masahito Mochizuki	
Antiferromagnet-mediated interlayer exchange: Hybridization versus proximity effect (<i>13 pages</i>)	224432
D. M. Polishchuk, Yu. O. Tykhonenko-Polishchuk, Ya. M. Lytvynenko, A. M. Rostas, V. Kuncser, A. F. Kravets, A. I. Tovstolytkin, O. V. Gomonyay, and V. Korenivski	
Hyperfine interactions in open-shell planar sp^2 -carbon nanostructures (<i>19 pages</i>)	224433
Sanghita Sengupta, Thomas Frederiksen, and Geza Giedke	
High-frequency oscillations in a spin-torque nano-oscillator due to bilinear coupling (<i>10 pages</i>)	224434
R. Arun, R. Gopal, V. K. Chandrasekar, and M. Lakshmanan	
Superfluidity and superconductivity	
Spin-singlet topological superconductivity in the attractive Rashba-Hubbard model (<i>8 pages</i>)	224501
Peter Doak, Giovanni Balduzzi, Pontus Laurell, Elbio Dagotto, and Thomas A. Maier	
Phase fluctuations in two-dimensional superconductors and pseudogap phenomenon (<i>8 pages</i>)	224502
Xu-Cheng Wang and Yang Qi	
Cascade of vestigial orders in two-component superconductors: Nematic, ferromagnetic, s -wave charge- $4e$, and d -wave charge- $4e$ states (<i>26 pages</i>)	224503
Matthias Hecker, Roland Willa, Jörg Schmalian, and Rafael M. Fernandes	
Fully gapped superconductivity and topological aspects of the noncentrosymmetric superconductor TaReSi (<i>10 pages</i>)	224504
T. Shang, J. Z. Zhao, Lun-Hui Hu, D. J. Gawryluk, X. Y. Zhu, H. Zhang, J. Meng, Z. X. Zhen, B. C. Yu, Z. Zhou, Y. Xu, Q. F. Zhan, E. Pomjakushina, and T. Shiroka	
Extracting quantum-geometric effects from Ginzburg-Landau theory in a multiband Hubbard model (<i>7 pages</i>) . . .	224505
M. Iskin	

(Continued)

Two-dimensional Heisenberg model with material-dependent superexchange interactions (8 pages)	224411
Jia-Wen Li, Zhen Zhang, Jing-Yang You, Bo Gu, and Gang Su	
Boundary quantum phase transitions in the spin- $\frac{1}{2}$ Heisenberg chain with boundary magnetic fields (24 pages) . . .	224412
Parameshwar R. Pasnoori, Junhyun Lee, J. H. Pixley, Natan Andrei, and Patrick Azaria	
Integral absorption of microwave power by random-anisotropy magnets (9 pages)	224413
Eugene M. Chudnovsky and Dmitry A. Garanin	
Multi- k magnetic structure and large anomalous Hall effect in candidate magnetic Weyl semimetal NdAlGe (16 pages)	224414
C. Dhital, R. L. Dally, R. Ruvalcaba, R. Gonzalez-Hernandez, J. Guerrero-Sanchez, H. B. Cao, Q. Zhang, W. Tian, Y. Wu, M. D. Frontzek, S. K. Karna, A. Meads, B. Wilson, R. Chapai, D. Graf, J. Bacsá, R. Jin, and J. F. DiTusa	
Neutron diffraction studies under zero and finite magnetic fields of the $\frac{1}{2}$ quantum magnetization plateau compound $\text{Ni}_2\text{V}_2\text{O}_7$ (11 pages)	224415
Masashi Hase, Andreas Dönni, Noriki Terada, Vladimir Yu. Pomjakushin, James R. Hester, Kirrily C. Rule, and Yukari Matsuo	
☞ Role of alkaline metal in the rare-earth triangular antiferromagnet KYbO_2 (9 pages)	224416
Franziska Grußler, Mamoun Hemmida, Sebastian Bachus, Yuri Skourski, Hans-Albrecht Krug von Nidda, Philipp Gegenwart, and Alexander A. Tsirlin	
Enhanced magnetic anisotropy induced by praseodymium ferromagnetic order and anomalous transport properties in PrMn_2Ge_2 single crystals (9 pages)	224417
Dan Huang, Hang Li, Bei Ding, Xuekui Xi, Yong-Chang Lau, and Wenhong Wang	
Transient retrograde motion of spin wave driven skyrmions in magnetic nanotracks (13 pages)	224418
Lin Huang, Gavin Burnell, and Christopher H. Marrows	
☞ Magnetic ground state and perturbations of the distorted kagome Ising metal TmAgGe (14 pages)	224419
C. B. Larsen, D. G. Mazzone, N. Gauthier, H. D. Rosales, F. A. Gómez Albarracín, J. Lass, X. Boraley, S. L. Bud'ko, P. C. Canfield, and O. Zaharko	
Itinerant spin polaron and metallic ferromagnetism in semiconductor moiré superlattices (5 pages)	224420
Margarita Davydova, Yang Zhang, and Liang Fu	
Effects of the Dzyaloshinskii-Moriya interaction on the Fermi-Pasta-Ulam behavior in a magnetic system (9 pages)	224421
Jeremy Lewis and Robert E. Camley	
High transport spin polarization in the van der Waals ferromagnet Fe_4GeTe_2 (6 pages)	224422
Deepti Rana, Monika Bhakar, Basavaraja G., Satyabrata Bera, Neeraj Saini, Suman Kalyan Pradhan, Mintu Mondal, Mukul Kabir, and Goutam Sheet	
Multiple magnetic transitions and complex magnetic structures in Fe_2SiSe_4 with the sawtooth lattice (9 pages) . . .	224423
Feihao Pan, Xunwu Hu, Jiale Huang, Bingxian Shi, Jinchun Wang, Juanjuan Liu, Hongxia Zhang, Daye Xu, Jianfei Qin, Hongliang Wang, Lijie Hao, Kun Cao, Peng Cheng, and Dao-Xin Yao	
Moment canting and domain effects in antiferromagnetic DyRh_2Si_2 (9 pages)	224424
Kristin Kliemt, Michelle Ocker, Sarah Krebber, Susanne Schulz, Denis V. Vyalikh, Cornelius Krellner, and Dmitry Yu. Usachov	

(Continued)

Photoreduced graphene oxide recovers graphene hot electron cooling dynamics (<i>12 pages</i>)	224309
Alden N. Bradley, Spencer G. Thorp, Gina Mayonado, Sergiu A. Coporan, Edward Elliott, and Matt W. Graham	
Unruh effect and Takagi's statistics inversion in strained graphene (<i>22 pages</i>)	224310
Anshuman Bhardwaj and Daniel E. Sheehy	
☞ Low-energy tail of the spectral density for a particle interacting with a quantum phonon bath (<i>18 pages</i>)	224311
Donghwan Kim and Bertrand I. Halperin	
☞ Numerical methods for detecting symmetries and commutant algebras (<i>19 pages</i>)	224312
Sanjay Moudgalya and Olexei I. Motrunich	
Magnetism	
Phase control of thermally excited spin precession in ferromagnetic thin films (<i>7 pages</i>)	224401
Tianhao Xia, Yanping Chen, Jiayang Zhang, Linzheng Wang, Bonan Han, Chen Wang, Runze Qi, and Zhengming Sheng	
Coexistence of Weyl semimetal and Weyl nodal loop semimetal phases in a collinear antiferromagnet (<i>7 pages</i>)	224402
Jie Zhan, Jiangxu Li, Wujun Shi, Xing-Qiu Chen, and Yan Sun	
Evolution of the inverse magnetocaloric effect for random-field to spin-glass crossover in $\text{SmCaCoMnO}_6\text{-SmMnO}_3$ nanocomposite (<i>8 pages</i>)	224403
Wasim Akram, Manisha Bansal, Reshma Peremadathil Pradeep, Aswathi Kaipamangalath, Samir Kumar Giri, and Tuhin Maity	
Vibronic collapse of ordered quadrupolar ice in the pyrochlore magnet $\text{Tb}_{2+x}\text{Ti}_{2-x}\text{O}_{7+y}$ (<i>7 pages</i>)	224404
Y. Alexanian, J. Robert, V. Simonet, B. Lang��r��me, J.-B. Brubach, P. Roy, C. Decorse, E. Lhotel, E. Constable, R. Ballou, and S. De Brion	
Intrinsic and extrinsic anomalous transport properties of the Heusler ferromagnets Fe_2CoAl and Fe_2NiAl from first principles (<i>9 pages</i>)	224405
Xiuxian Yang, Wanxiang Feng, Xiao-Ping Li, Gui-Bin Liu, Yuriy Mokrousov, and Yugui Yao	
Cubic ferromagnet and emergent $U(1)$ symmetry on its phase boundary (<i>14 pages</i>)	224406
Wei-Lin Tu, Xinliang Lyu, S. R. Ghazanfari, Huan-Kuang Wu, Hyun-Yong Lee, and Naoki Kawashima	
Microscopic description of magnetic nonequilibrium phenomena in erbium orthoferrite (<i>11 pages</i>)	224407
E. E. Zubov, I. Fita, R. Puzniak, and A. Wisniewski	
Ultrafast demagnetization of $\text{Co}_2\text{MnSi}_{1-x}\text{Al}_x$ Heusler compounds using terahertz and infrared light (<i>6 pages</i>)	224408
Wei Zhang, Thomas Blank, Charles Guillemard, Claudia de Melo, St��phane Mangin, Alexey Kimel, St��phane Andrieu, and Gregory Malinowski	
Quantum correction to the anomalous Hall effect in PtMnGe thin films (<i>7 pages</i>)	224409
K. K. Meng, J. K. Chen, Y. Wu, X. G. Xu, T. Kikkawa, L. P. Sun, D. Z. Hou, Q. Li, N. N. Zhang, Z. G. Fu, T. Zhu, Y. Jiang, and E. Saitoh	
Anapole, chiral, and orbital states in $\text{Mn}_3\text{Si}_2\text{Te}_6$ (<i>7 pages</i>)	224410
S. W. Lovesey	

(Continued)

Inhomogeneous, disordered, and partially ordered systems

Multiple localization transitions and novel quantum phases induced by a staggered on-site potential (<i>11 pages</i>)	224201
Rui Qi, Junpeng Cao, and Xiang-Ping Jiang	
Stability and dynamics of many-body localized systems coupled to a small bath (<i>11 pages</i>)	224202
Shao-Hen Chiew, Jiangbin Gong, Leong-Chuan Kwek, and Chee-Kong Lee	
Correspondence between excited energy eigenstates and local minima of the energy landscape in quantum spin systems (<i>22 pages</i>)	224203
Yang Wei Koh	
Critical dynamics of long-range models on dynamical Lévy lattices (<i>10 pages</i>)	224204
Riccardo Aiudi, Raffaella Burioni, and Alessandro Vezzani	
Weak localization and antilocalization in twisted bilayer graphene (<i>10 pages</i>)	224205
Hongyi Yan and Haiwen Liu	
Generic mobility edges in several classes of duality-breaking one-dimensional quasiperiodic potentials (<i>8 pages</i>)	224206
DinhDuy Vu and Sankar Das Sarma	
Finite-size prethermalization at the chaos-to-integrable crossover (<i>8 pages</i>)	224207
Johannes Dieplinger and Soumya Bera	

Dynamics, dynamical systems, lattice effects:

Molecular dynamics simulation of Fe-Si alloys using a neural network machine learning potential (<i>13 pages</i>)	224301
Huaijun Sun, Chao Zhang, Ling Tang, Renhai Wang, Weiyi Xia, and Cai-Zhuang Wang	
Discrete Laplacian thermostat for spin systems with conserved dynamics (<i>23 pages</i>)	224302
Andrea Cavagna, Javier Crist��n, Irene Giardina, and Mario Veca	
Triviality of quantum trajectories close to a directed percolation transition (<i>16 pages</i>)	224303
Lorenzo Piroli, Yaodong Li, Romain Vasseur, and Adam Nahum	
 <i>Ab initio</i> Green-Kubo simulations of heat transport in solids: Method and implementation (<i>12 pages</i>)	224304
Florian Knoop, Matthias Scheffler, and Christian Carbogno	
Production of lattice gauge Higgs topological states in a measurement-only quantum circuit (<i>13 pages</i>)	224305
Yoshihito Kuno and Ikuro Ichinose	
Engineering an imaginary Stark ladder in a dissipative lattice: Passive $\mathcal{PT}$ symmetry, K symmetry, and localized damping (<i>12 pages</i>)	224306
Yu Zhang and Shu Chen	
Light-driven transitions in quantum paraelectrics (<i>18 pages</i>)	224307
Zekun Zhuang, Ahana Chakraborty, Premala Chandra, Piers Coleman, and Pavel A. Volkov	
Role of topological charges in the nonlinear optical response from Weyl semimetals (<i>8 pages</i>)	224308
Amar Bharti and Gopal Dixit	

(Continued)

CONTENTS - Continued

PHYSICAL REVIEW B

THIRD SERIES, VOLUME 107, NUMBER 22

JUNE 2023-1(II)

Decoupling multiphase superconductivity from normal state ordering in CeRh_2As_2 (5 pages)	L220504
K. Semeniuk, D. Hafner, P. Khanenko, T. Lühmann, J. Banda, J. F. Landaeta, C. Geibel, S. Khim, E. Hassinger, and M. Brando	
Modulation vector of the Fulde-Ferrell-Larkin-Ovchinnikov state in CeCoIn_5 revealed by high-resolution magnetostriction measurements (6 pages)	L220505
Shunichiro Kittaka, Yohei Kono, Kaito Tsunashima, Daisuke Kimoto, Makoto Yokoyama, Yusei Shimizu, Toshiro Sakakibara, Minoru Yamashita, and Kazushige Machida	

ARTICLES

Structure, structural phase transitions, mechanical properties, defects

Topological field-effect transistor with quantized ON/OFF conductance of helical/chiral dislocation states (6 pages)	224101
Xiaoyin Li and Feng Liu	
Illuminating the photomechanical effect: Exploring the relationship between electron-hole excitation and deformation mechanisms in nanotwinned boron carbide (13 pages)	224102
Yi He, Yidi Shen, Bin Tang, and Qi An	
Scaling behavior of order parameters for the hybrid improper ferroelectric $(\text{Ca}, \text{Sr})_3\text{Ti}_2\text{O}_7$ (8 pages)	224103
Jing Kong, Alicia Manjón-Sanz, Jue Liu, Frederick Marlton, Tsz Wing Lo, Dangyuan Lei, Mads Ry Vogel Jørgensen, and Abhijit Pramanick	
Refined room-temperature equation of state of Bi up to 260 GPa (6 pages)	224104
Daniel J. Campbell, Daniel T. Sneed, E. F. O'Bannon, III, Per Söderlind, and Zsolt Jenei	
Origin of reentrant relaxor formation in ferroelectric solid solutions (8 pages)	224105
Zhengkai Hong, Ben Tian, Xiaoqin Ke, Sen Yang, and Yunzhi Wang	
Effects of shear methods on shear strengths and deformation modes of two typical transition metal carbides and their unification (7 pages)	224106
Chuanying Li, Tao Fu, Xule Li, Hao Hu, and Xianghe Peng	
<i>In situ</i> investigation of the ferroelectric phase transition in improper ferroelectric YMnO_3 thin films by electron energy loss spectroscopy (9 pages)	224107
Alexander Vogel, Alicia Ruiz-Caridad, Johanna Nordlander, Rolf Erni, Morgan Trassin, and Marta D. Rossell	
Equation of state of ammonia dihydrate up to 112 GPa by static and dynamic compression experiments in diamond anvil cells (7 pages)	224108
A. Mondal, R. J. Husband, H.-P. Liermann, and C. Sanchez-Valle	
Toward an accurate equation of state and B1-B2 phase boundary for magnesium oxide up to terapascal pressures and electron-volt temperatures (20 pages)	224109
Shuai Zhang, Reetam Paul, S. X. Hu, and Miguel A. Morales	
Band energy dependence of defect formation in the topological semimetal Cd_3As_2 (7 pages)	224110
Chase Brooks, Mark van Schilfgaarde, Dimitar Pashov, Jocienne N. Nelson, Kirstin Alberi, Daniel S. Dessau, and Stephan Lany	

(Continued)

Photocarrier transport of ferroelectric photovoltaic thin films detected by the magnetic dynamics of adjacent ferromagnetic layers (*7 pages*) L220303

Yujun Zhang, Ji Ma, Keisuke Ikeda, Yasuyuki Hirata, Kohei Yamagami, Christian Schüßler-Langeheine, Niko Pontius, Haojie Han, Yuanhua Lin, Cewen Nan, and Hiroki Wadati

Magnetism

Nature of the $1/9$ -magnetization plateau in the spin- $\frac{1}{2}$ kagome Heisenberg antiferromagnet (*6 pages*) L220401

Da-zhi Fang, Ning Xi, Shi-Ju Ran, and Gang Su

Abnormal scaling of the anomalous Hall effect in noncollinear antiferromagnetic metals from two-center scattering (*6 pages*) L220402

Lei Wang, Tai Min, and Ke Xia

Intrinsic Berry curvature driven anomalous Nernst thermopower in the semimetallic Heusler alloy CoFeVSb (*8 pages*) L220403

Amit Chanda, Jadupati Nag, Aftab Alam, K. G. Suresh, Manh-Huong Phan, and Hariharan Srikanth

Vibronic order and emergent magnetism in cubic d^1 double perovskites (*7 pages*) L220404

Naoya Iwahara and Liviu F. Chibotaru

✂ X-ray holography of skyrmionic cocoons in aperiodic magnetic multilayers (*8 pages*) L220405

M. Grelier, F. Godel, A. Vecchiola, S. Collin, K. Bouzehouane, V. Cros, N. Reyren, R. Battistelli, H. Popescu, C. Léveillé, N. Jaouen, and F. Büttner

✂ Thermal Hall conductivity near field-suppressed magnetic order in a Kitaev-Heisenberg model (*5 pages*) L220406

Aman Kumar and Vikram Tripathi

Observation of a magnetic phase transition in monolayer NiPS₃ (*6 pages*) L220407

Lili Hu, Hao-Xin Wang, Yuzhong Chen, Kang Xu, Ming-Rui Li, Haiyun Liu, Peng Gu, Yubin Wang, Mengdi Zhang, Hong Yao, and Qihua Xiong

Plaquette valence bond solid to antiferromagnet transition and deconfined quantum critical point of the Shastry-Sutherland model (*6 pages*) L220408

Ning Xi, Hongyu Chen, Z. Y. Xie, and Rong Yu

Chirality inversion and radius blowup of a Néel-type skyrmion by a Pearl vortex (*6 pages*) L220409

S. S. Apostoloff, E. S. Andriyakhina, P. A. Vorobyev, Oleg A. Tretiakov, and I. S. Burmistrov

First-principles study of the gap in the spin excitation spectrum of the CrI₃ honeycomb ferromagnet (*5 pages*) . . . L220410

Tommaso Gorni, Oscar Baseggio, Pietro Delugas, Iurii Timrov, and Stefano Baroni

Superfluidity and superconductivity

Stability of Bogoliubov Fermi surfaces within BCS theory (*6 pages*) L220501

Ankita Bhattacharya and Carsten Timm

Superconductivity in doped triangular Mott insulators: The roles of parent spin backgrounds and charge kinetic energy (*7 pages*) L220502

Zheng Zhu and Qianqian Chen

✂ Large upper critical fields and dimensionality crossover of superconductivity in the infinite-layer nickelate La_{0.8}Sr_{0.2}NiO₂ (*7 pages*) L220503

Wei Wei, Wenjie Sun, Yue Sun, Yongqiang Pan, Gangjian Jin, Feng Yang, Yueying Li, Zengwei Zhu, Yuefeng Nie, and Zhixiang Shi

(Continued)

LETTERS

Structure, structural phase transitions, mechanical properties, defects

- Finite-size corrections to defect energetics along one-dimensional configuration coordinate (*5 pages*) L220101
Yu Kumagai

- Enabling quantum sensing under extreme pressure: Nitrogen-vacancy magnetometry up to 130 GPa (*6 pages*) . . . L220102
Antoine Hilberer, Loïc Toraille, Cassandra Dailedouze, Marie-Pierre Adam, Liam Hanlon, Gunnar Weck,
Martin Schmidt, Paul Loubeyre, and Jean-François Roch

Inhomogeneous, disordered, and partially ordered systems

- Localization properties in disordered quantum many-body dynamics under continuous measurement (*7 pages*) . . . L220201
Kazuki Yamamoto and Ryusuke Hamazaki

- Generating near-perfect absorption in subwavelength slabs of nanoparticles: Towards spectral selectivity
in random media (*6 pages*) L220202
Timothée Guerra, Olivier Rozenbaum, Jean-Paul Hugonin, and Cédric Blanchard

- Slowest and fastest information scrambling in the strongly disordered XXZ model (*6 pages*) L220203
Myeonghyeon Kim and Dong-Hee Kim

- ☞ Infinite-randomness criticality in monitored quantum dynamics with static disorder (*7 pages*) L220204
Aidan Zabalo, Justin H. Wilson, Michael J. Gullans, Romain Vasseur, Sarang Gopalakrishnan,
David A. Huse, and J. H. Pixley

- Non-Hermitian skin effects on thermal and many-body localized phases (*7 pages*) L220205
Yi-Cheng Wang, Kuldeep Suthar, H. H. Jen, Yi-Ting Hsu, and Jhih-Shih You

- Direct link between disorder and magnetoresistance in topological semimetals (*6 pages*) L220206
Jocienne N. Nelson, Ian A. Leahy, Anthony D. Rice, Chase Brooks, Glenn Teeter, Mark van Schilfgaarde,
Stephan Lany, Brian Fluegel, Minhya Lee, and Kirstin Alberi

Dynamics, dynamical systems, lattice effects:

- Zoology of non-Hermitian spectra and their graph topology (*9 pages*) L220301
Tommy Tai and Ching Hua Lee

- Millikelvin measurements of permittivity and loss tangent of lithium niobate (*6 pages*) L220302
Silvia Zorzetti, Changqing Wang, Ivan Gonin, Sergey Kazakov, Timergali Khabiboulline,
Alexander Romanenko, Vyacheslav P. Yakovlev, and Anna Grassellino



(Continued)



2469-9950(20230601)107:22;1-W