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⁴ [NO20]. ₂ [SSN⁺23]. [‡] [MTGS20]. *b* [BSRW22]. $\beta\beta$ [ABD⁺23]. *D* [EH20].

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Ye [CGPS22]. **year** [Gen22]. **years** [MTGS20].

References

Amico:2022:CAC

[AAB⁺22] Luigi Amico, Dana Anderson, Malcolm Boshier, Jean-Philippe Brantut, Leong-Chuan Kwek, Anna Minguzzi, and Wolf von Klitzing. Colloquium: Atomtronic circuits: From many-body physics to quantum technologies. *Reviews of Modern Physics*, 94(4):041001–??, April 2022. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.94.041001>.

Alexandru:2022:CPA

[ABBW22] Andrei Alexandru, Gökçe Basar, Paulo F. Bedaque, and Neill C. Warrington. Complex paths around the sign problem. *Reviews of Modern Physics*, 94(1):015006–??, January 2022. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.94.015006>.

Agostini:2023:TDM

- [ABD⁺23] Matteo Agostini, Giovanni Benato, Jason A. Detwiler, Javier Menéndez, and Francesco Vissani. Toward the discovery of matter creation with neutrinoless $\beta\beta$ decay. *Reviews of Modern Physics*, 95(2):025002–??, February 2023. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://www.w3.org/1998/Math/MathML>.

Argüelles:2021:DMA

- [ADK⁺21] Carlos A. Argüelles, Alejandro Diaz, Ali Kheirandish, Andrés Olivares-Del-Campo, Ibrahim Safa, and Aaron C. Vincent. Dark matter annihilation to neutrinos. *Reviews of Modern Physics*, 93(3):035007–??, March 2021. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.93.035007>.

Afek:2023:CAS

- [ADKB23] Gadi Afek, Nir Davidson, David A. Kessler, and Eli Barkai. Colloquium: Anomalous statistics of laser-cooled atoms in dissipative optical lattices. *Reviews of Modern Physics*, 95(3):031003–??, March 2023. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.95.031003>.

Azuma:2023:QRQ

- [AEE⁺23] Koji Azuma, Sophia E. Economou, David Elkouss, Paul Hilaire, Liang Jiang, Hoi-Kwong Lo, and Ilan Tzitrin. Quantum repeaters: From quantum networks to the quantum internet. *Reviews of Modern Physics*, 95(4):045006–??, April 2023. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.95.045006>.

Aerts:2021:PIP

- [Aer21] C. Aerts. Probing the interior physics of stars through asteroseismology. *Reviews of Modern Physics*, 93(1):015001–??, January 2021. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.93.015001>.

Almheiri:2021:EHR

- [AHM⁺21] Ahmed Almheiri, Thomas Hartman, Juan Maldacena, Edgar Shaghoulian, and Amirhossein Tajdini. The entropy of Hawking radiation. *Reviews of Modern Physics*, 93(3):035002–??, March 2021. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.93.035002>.

Azzurri:2021:VBJ

- [AST21] Paolo Azzurri, Marek Schön herr, and Alessandro Tricoli. Vector bosons and jets in proton collisions. *Reviews of Modern Physics*, 93(2):025007–??, February 2021. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.93.025007>.

Beamish:2020:MBS

- [BB20] John Beamish and Sébastien Balibar. Mechanical behavior of solid helium: Elasticity, plasticity, and defects. *Reviews of Modern Physics*, 92(4):045002–??, April 2020. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.92.045002>.

Bodeker:2021:BWS

- [BB21] Dietrich Bödeker and Wilfried Buchmüller. Baryogenesis from the weak scale to the grand unification scale. *Reviews of Modern Physics*, 93(3):035004–??, March 2021. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.93.035004>.

Baker:2021:NPP

- [BBD⁺21] Tessa Baker, Alexandre Barreira, Harry Desmond, Pedro Ferreira, Bhuvnesh Jain, Kazuya Koyama, Baojiu Li, Lucas Lombriser, Andrina Nicola, Jeremy Sakstein, and Fabian Schmidt. Novel Probes Project: Tests of gravity on astrophysical scales. *Reviews of Modern Physics*, 93(1):015003–??, January 2021. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.93.015003>.

- Bernstein:2020:CND**
- [BBG⁺20] Adam Bernstein, Nathaniel Bowden, Bethany L. Goldblum, Patrick Huber, Igor Jovanovic, and John Mattingly. Colloquium: Neutrino detectors as tools for nuclear security. *Reviews of Modern Physics*, 92(1):011003–??, January 2020. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.92.011003>.
- Bergholtz:2021:ETN**
- [BBK21] Emil J. Bergholtz, Jan Carl Budich, and Flore K. Kunst. Exceptional topology of non-Hermitian systems. *Reviews of Modern Physics*, 93(1):015005–??, January 2021. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.93.015005>.
- Budroni:2022:KSC**
- [BCG⁺22] Costantino Budroni, Adán Cabello, Otfried Gühne, Matthias Kleinmann, and Jan-Åke Larsson. Kochen–Specker contextuality. *Reviews of Modern Physics*, 94(4):045007–??, April 2022. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.94.045007>.
- Bharti:2022:NIS**
- [BCLK⁺22] Kishor Bharti, Alba Cervera-Lierta, Thi Ha Kyaw, Tobias Haug, Sumner Alperin-Lea, Abhinav Anand, Matthias Degroote, Hermanni Heimonen, Jakob S. Kottmann, Tim Menke, Wai-Keong Mok, Sukin Sim, Leong-Chuan Kwek, and Alán Aspuru-Guzik. Noisy intermediate-scale quantum algorithms. *Reviews of Modern Physics*, 94(1):015004–??, January 2022. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.94.015004>.
- Blanc:2023:HHE**
- [BDK⁺23] Christophe Blanc, Guillaume Durey, Randall D. Kamien, Teresa Lopez-Leon, Maxim O. Lavrentovich, and Lisa Tran. Helfrich–Hurault elastic instabilities driven by geometrical frustration. *Reviews of Modern Physics*, 95(1):015004–??, January 2023. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-

4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.95.015004>.

Boehnlein:2022:CML

- [BDS⁺22] Amber Boehnlein, Markus Diefenthaler, Nobuo Sato, Malachi Schram, Veronique Ziegler, Cristiano Fanelli, Morten Hjorth-Jensen, Tanja Horn, Michelle P. Kuchera, Dean Lee, Witold Nazarewicz, Peter Ostroumov, Kostas Orginos, Alan Poon, Xin-Nian Wang, Alexander Scheinker, Michael S. Smith, and Long-Gang Pang. Colloquium: Machine learning in nuclear physics. *Reviews of Modern Physics*, 94(3):031003–??, March 2022. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.94.031003>.

Blaum:2020:NDE

- [BED⁺20] K. Blaum, S. Eliseev, F. A. Danevich, V. I. Tretyak, Sergey Kovalenko, M. I. Krivoruchenko, Yu. N. Novikov, and J. Suhonen. Neutrinoless double-electron capture. *Reviews of Modern Physics*, 92(4):045007–??, April 2020. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.92.045007>.

Burkert:2023:CGF

- [BEG⁺23] V. D. Burkert, L. Elouadrhiri, F. X. Girod, C. Lorcé, P. Schweitzer, and P. E. Shanahan. Colloquium: Gravitational form factors of the proton. *Reviews of Modern Physics*, 95(4):041002–??, April 2023. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.95.041002>.

Baggioli:2023:CHH

- [BG23] Matteo Baggioli and Blaise Goutéraux. Colloquium: Hydrodynamics and holography of charge density wave phases. *Reviews of Modern Physics*, 95(1):011001–??, January 2023. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.95.011001>.

Blais:2021:CQE

- [BGGW21] Alexandre Blais, Arne L. Grimsmo, S. M. Girvin, and Andreas Wallraff. Circuit quantum electrodynamics. *Reviews of Modern Physics*, 93(2):025005–??, February 2021. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.93.025005>.

Bertini:2021:FTT

- [BHMK⁺21] B. Bertini, F. Heidrich-Meisner, C. Karrasch, T. Prosen, R. Steinigeweg, and M. Znidaric. Finite-temperature transport in one-dimensional quantum lattice models. *Reviews of Modern Physics*, 93(2):025003–??, February 2021. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.93.025003>.

Berges:2021:QTI

- [BHMV21] Jürgen Berges, Michal P. Heller, Aleksas Mazeliauskas, and Raju Venugopalan. QCD thermalization: Ab initio approaches and interdisciplinary connections. *Reviews of Modern Physics*, 93(3):035003–??, March 2021. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.93.035003>.

Belitz:2021:ERC

- [BK21] Dietrich Belitz and Randall D. Kamien. Editorial: The role of colloquia in *Reviews of Modern Physics*. *Reviews of Modern Physics*, 93(1):010001–??, January 2021. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.93.010001>.

Barraza-Lopez:2021:CPP

- [BLFV⁺21] Salvador Barraza-Lopez, Benjamin M. Fregoso, John W. Villanova, Stuart S. P. Parkin, and Kai Chang. Colloquium: Physical properties of group-IV monochalcogenide monolayers. *Reviews of Modern Physics*, 93(1):011001–??, January 2021. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.93.011001>.

Burkard:2023:SSQ

- [BLP⁺23] Guido Burkard, Thaddeus D. Ladd, Andrew Pan, John M. Nichol, and Jason R. Petta. Semiconductor spin qubits. *Reviews of Modern Physics*, 95(2):025003–??, February 2023. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.95.025003>.

Bachtold:2022:MPN

- [BMD22] Adrian Bachtold, Joel Moser, and M. I. Dykman. Mesoscopic physics of nanomechanical systems. *Reviews of Modern Physics*, 94(4):045005–??, April 2022. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.94.045005>.

Bass:2023:CPP

- [BMMS23] Steven D. Bass, Sebastiano Mariazzi, Pawel Moskal, and Ewa Stepień. Colloquium: Positronium physics and biomedical applications. *Reviews of Modern Physics*, 95(2):021002–??, February 2023. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.95.021002>.

Biehs:2021:NFR

- [BMV⁺21] S.-A. Biehs, R. Messina, P. S. Venkataram, A. W. Rodriguez, J. C. Cuevas, and P. Ben-Abdallah. Near-field radiative heat transfer in many-body systems. *Reviews of Modern Physics*, 93(2):025009–??, February 2021. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.93.025009>.

Barry:2020:SON

- [BSB⁺20] John F. Barry, Jennifer M. Schloss, Erik Bauch, Matthew J. Turner, Connor A. Hart, Linh M. Pham, and Ronald L. Walsworth. Sensitivity optimization for NV-diamond magnetometry. *Reviews of Modern Physics*, 92(1):015004–??, January 2020. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.92.015004>.

Bernlochner:2022:SHD

- [BSRW22] Florian U. Bernlochner, Manuel Franco Sevilla, Dean J. Robinson, and Guy Wormser. Semitauonic b -hadron decays: A lepton flavor universality laboratory. *Reviews of Modern Physics*, 94(1):015003–??, January 2022. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://www.w3.org/1998/Math/MathML>.

Boschini:2024:TRA

- [BZD24] Fabio Boschini, Marta Zonno, and Andrea Damascelli. Time-resolved ARPES studies of quantum materials. *Reviews of Modern Physics*, 96(1):015003–??, January 2024. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.96.015003>.

Cai:2023:QEM

- [CBB⁺23] Zhenyu Cai, Ryan Babbush, Simon C. Benjamin, Suguru Endo, William J. Huggins, Ying Li, Jarrod R. McClean, and Thomas E. O’Brien. Quantum error mitigation. *Reviews of Modern Physics*, 95(4):045005–??, April 2023. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.95.045005>.

Cisowski:2022:CGP

- [CGFA22] C. Cisowski, J. B. Götte, and S. Franke-Arnold. Colloquium: Geometric phases of light: Insights from fiber bundle theory. *Reviews of Modern Physics*, 94(3):031001–??, March 2022. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.94.031001>.

Chowdhury:2022:SYK

- [CGPS22] Debanjan Chowdhury, Antoine Georges, Olivier Parcollet, and Subir Sachdev. Sachdev–Ye–Kitaev models and beyond: Window into non-Fermi liquids. *Reviews of Modern Physics*, 94(3):035004–??, March 2022. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.94.035004>.

Chang:2023:CQA

- [CLM23] Cui-Zu Chang, Chao-Xing Liu, and Allan H. MacDonald. Colloquium: Quantum anomalous Hall effect. *Reviews of Modern Physics*, 95(1):011002–??, January 2023. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.95.011002>.

Caciuffo:2023:SRT

- [CLvdL23] R. Caciuffo, G. H. Lander, and G. van der Laan. Synchrotron radiation techniques and their application to actinide materials. *Reviews of Modern Physics*, 95(1):015001–??, January 2023. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.95.015001>.

Christensen:2022:PEG

- [CM22] Nelson Christensen and Renate Meyer. Parameter estimation with gravitational waves. *Reviews of Modern Physics*, 94(2):025001–??, February 2022. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.94.025001>.

Cirac:2021:MPS

- [CPGSV21] J. Ignacio Cirac, David Pérez-García, Norbert Schuch, and Frank Verstraete. Matrix product states and projected entangled pair states: Concepts, symmetries, theorems. *Reviews of Modern Physics*, 93(4):045003–??, April 2021. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.93.045003>.

Colman:2021:WVL

- [CS21] Robert Colman and Brian J. Soden. Water vapor and lapse rate feedbacks in the climate system. *Reviews of Modern Physics*, 93(4):045002–??, April 2021. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.93.045002>.

Cowan:2021:OHE

- [CSL⁺21] John J. Cowan, Christopher Sneden, James E. Lawler, Ani Aprahamian, Michael Wiescher, Karlheinz Langanke, Gabriel Martínez-Pinedo, and Friedrich-Karl Thielemann. Origin of the heaviest elements: The rapid neutron-capture process. *Reviews of Modern Physics*, 93(1):015002–??, January 2021. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.93.015002>.

Chen:2022:ITR

- [CXZL22] Jie Chen, Xiangfan Xu, Jun Zhou, and Baowen Li. Interfacial thermal resistance: Past, present, and future. *Reviews of Modern Physics*, 94(2):025002–??, February 2022. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.94.025002>.

Defenu:2023:LRI

- [DDM⁺23] Nicolò Defenu, Tobias Donner, Tommaso Macrì, Guido Pagano, Stefano Ruffo, and Andrea Trombettoni. Long-range interacting quantum systems. *Reviews of Modern Physics*, 95(3):035002–??, March 2023. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.95.035002>.

de la Torre:2021:CNP

- [dlTKC⁺21] Alberto de la Torre, Dante M. Kennes, Martin Claassen, Simon Gerber, James W. McIver, and Michael A. Sentef. Colloquium: Nonthermal pathways to ultrafast control in quantum materials. *Reviews of Modern Physics*, 93(4):041002–??, April 2021. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.93.041002>.

Dombi:2020:SFN

- [DPV⁺20] Péter Dombi, Zsuzsanna Pápa, Jan Vogelsang, Sergey V. Yalunin, Murat Sivas, Georg Herink, Sascha Schäfer, Petra Groß, Claus Ropers, and Christoph Lienau. Strong-field nano-optics. *Reviews of Modern Physics*, 92(2):025003–??, February 2020. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-

4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.92.025003>.

Doneva:2024:SS

- [DRS⁺24] Daniela D. Doneva, Fethi M. Ramazanoglu, Hector O. Silva, Thomas P. Sotiriou, and Stoytcho S. Yazadjiev. Spontaneous scalarization. *Reviews of Modern Physics*, 96(1):015004–??, January 2024. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.96.015004>.

Emparan:2020:LLE

- [EH20] Roberto Emparan and Christopher P. Herzog. Large D limit of Einstein’s equations. *Reviews of Modern Physics*, 92(4):045005–??, April 2020. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://www.w3.org/1998/Math/MathML>.

Evers:2020:ACS

- [EKTvR20] Ferdinand Evers, Richard Korytár, Sumit Tewari, and Jan M. van Ruitenbeek. Advances and challenges in single-molecule electron transport. *Reviews of Modern Physics*, 92(3):035001–??, March 2020. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.92.035001>.

Franceschini:2023:KVF

- [FKK⁺23] Roberto Franceschini, Doojin Kim, Kyoungchul Kong, Konstantin T. Matchev, Myeonghun Park, and Prasanth Shyamsundar. Kinematic variables and feature engineering for particle phenomenology. *Reviews of Modern Physics*, 95(4):045004–??, April 2023. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.95.045004>.

Filippetto:2022:UED

- [FML⁺22] D. Filippetto, P. Musumeci, R. K. Li, B. J. Siwick, M. R. Otto, M. Centurion, and J. P. F. Nunes. Ultrafast electron diffraction: Visualizing dynamic states of matter. *Reviews of Modern Physics*, 94(4):045004–??, April 2022. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.94.045004>.

Fert:2024:ECM

- [FRG⁺24] Albert Fert, Ramamoorthy Ramesh, Vincent Garcia, Fèlix Casanova, and Manuel Bibes. Electrical control of magnetism by electric field and current-induced torques. *Reviews of Modern Physics*, 96(1):015005–??, January 2024. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.96.015005>.

Fabre:2020:MSQ

- [FT20] C. Fabre and N. Treps. Modes and states in quantum optics. *Reviews of Modern Physics*, 92(3):035005–??, March 2020. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.92.035005>.

Gonoskov:2022:CPM

- [GBMB22] A. Gonoskov, T. G. Blackburn, M. Marklund, and S. S. Bulanov. Charged particle motion and radiation in strong electromagnetic fields. *Reviews of Modern Physics*, 94(4):045001–??, April 2022. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.94.045001>.

Genzel:2022:NLF

- [Gen22] Reinhard Genzel. Nobel Lecture: A forty-year journey. *Reviews of Modern Physics*, 94(2):020501–??, February 2022. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.94.020501>.

Guhne:2023:CIM

- [GHK⁺23] Otfried Gühne, Erkkka Haapasalo, Tristan Kraft, Juha-Pekka Pellonpää, and Roope Uola. Colloquium: Incompatible measurements in quantum information science. *Reviews of Modern Physics*, 95(1):011003–??, January 2023. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.95.011003>.

Guo:2018:HM

- [GHM⁺18] Feng-Kun Guo, Christoph Hanhart, Ulf-G. Meißner, Qian Wang, Qiang Zhao, and Bing-Song Zou. Hadronic molecules. *Reviews of Modern Physics*, 90(1):015004–??, January 2018. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.90.015004>. See erratum [GHM⁺22].

Guo:2022:EHM

- [GHM⁺22] Feng-Kun Guo, Christoph Hanhart, Ulf-G. Meißner, Qian Wang, Qiang Zhao, and Bing-Song Zou. Erratum: Hadronic molecules [Rev. Mod. Phys. **90**, 015004 (2018)]. *Reviews of Modern Physics*, 94(2):029901–??, February 2022. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.94.029901>. See [GHM⁺18].

Ghil:2020:PCV

- [GL20] Michael Ghil and Valerio Lucarini. The physics of climate variability and climate change. *Reviews of Modern Physics*, 92(3):035002–??, March 2020. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.92.035002>.

Gelmukhanov:2021:DRX

- [GOP⁺21] Faris Gel'mukhanov, Michael Odelius, Sergey P. Polyutov, Alexander Föhlich, and Victor Kimberg. Dynamics of resonant X-ray and Auger scattering. *Reviews of Modern Physics*, 93(3):035001–??, March 2021. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.93.035001>.

Gromov:2024:CFM

- [GR24] Andrey Gromov and Leo Radzihovsky. Colloquium: Fracton matter. *Reviews of Modern Physics*, 96(1):011001–??, January 2024. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.96.011001>.

Gao:2022:PCR

- [GV22] H. Gao and M. Vanderhaeghen. The proton charge radius. *Reviews of Modern Physics*, 94(1):015002–??, January 2022. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.94.015002>.

Garcia-Vidal:2022:SSP

- [GVFDMM⁺22] Francisco J. Garcia-Vidal, Antonio I. Fernández-Domínguez, Luis Martin-Moreno, Hao Chi Zhang, Wenxuan Tang, Ruwen Peng, and Tie Jun Cui. Spoof surface plasmon photonics. *Reviews of Modern Physics*, 94(2):025004–??, February 2022. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.94.025004>.

Halperin:2020:AME

- [Hal20] Bertrand I. Halperin. APS Medal for Exceptional Achievement in Research: Topology and other tools in condensed matter physics. *Reviews of Modern Physics*, 92(4):045001–??, April 2020. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.92.045001>.

Hangleiter:2023:CAQ

- [HE23] Dominik Hangleiter and Jens Eisert. Computational advantage of quantum random sampling. *Reviews of Modern Physics*, 95(3):035001–??, March 2023. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.95.035001>.

Hagan:2021:EMS

- [HG21] Michael F. Hagan and Gregory M. Grason. Equilibrium mechanisms of self-limiting assembly. *Reviews of Modern Physics*, 93(2):025008–??, February 2021. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.93.025008>.

Harlow:2023:WGC

- [HHRR23] Daniel Harlow, Ben Heidenreich, Matthew Reece, and Tom Rudelius. Weak gravity conjecture. *Reviews of Mod-*

ern Physics, 95(3):035003–??, March 2023. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.95.035003>.

Ha:2022:BSE

- [HKP⁺22] G. Ha, K.-J. Kim, J. G. Power, Y. Sun, and P. Piot. Bunch shaping in electron linear accelerators. *Reviews of Modern Physics*, 94(2):025006–??, February 2022. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.94.025006>.

Hammer:2020:NEF

- [HKvK20] H.-W. Hammer, Sebastian König, and U. van Kolck. Nuclear effective field theory: Status and perspectives. *Reviews of Modern Physics*, 92(2):025004–??, February 2020. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.92.025004>.

Hochrainer:2022:QIP

- [HLE⁺22] Armin Hochrainer, Mayukh Lahiri, Manuel Erhard, Mario Krenn, and Anton Zeilinger. Quantum indistinguishability by path identity and with undetected photons. *Reviews of Modern Physics*, 94(2):025007–??, February 2022. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.94.025007>.

Hartnoll:2022:CPD

- [HM22] Sean A. Hartnoll and Andrew P. Mackenzie. Colloquium: Planckian dissipation in metals. *Reviews of Modern Physics*, 94(4):041002–??, April 2022. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.94.041002>.

Hurricane:2023:PPI

- [HPB⁺23] O. A. Hurricane, P. K. Patel, R. Betti, D. H. Froula, S. P. Regan, S. A. Slutz, M. R. Gomez, and M. A. Sweeney. Physics principles of inertial confinement fusion and U.S. program

overview. *Reviews of Modern Physics*, 95(2):025005–??, February 2023. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.95.025005>.

Harilal:2022:ODL

[HPF⁺22] S. S. Harilal, M. C. Phillips, D. H. Froula, K. K. Anoop, R. C. Issac, and F. N. Beg. Optical diagnostics of laser-produced plasmas. *Reviews of Modern Physics*, 94(3):035002–??, March 2022. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.94.035002>. See erratum [HPF⁺24].

Harilal:2024:EOD

[HPF⁺24] S. S. Harilal, M. C. Phillips, D. H. Froula, K. K. Anoop, R. C. Issac, and F. N. Beg. Erratum: Optical diagnostics of laser-produced plasmas [Rev. Mod. Phys. **94**, 035002 (2022)]. *Reviews of Modern Physics*, 96(1):019901–??, January 2024. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.96.019901>. See [HPF⁺22].

Isidori:2024:SME

[IWW24] Gino Isidori, Felix Wilsch, and Daniel Wyler. The standard model effective field theory at work. *Reviews of Modern Physics*, 96(1):015006–??, January 2024. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.96.015006>.

Jagannathan:2021:FQC

[Jag21] Anuradha Jagannathan. The Fibonacci quasicrystal: Case study of hidden dimensions and multifractality. *Reviews of Modern Physics*, 93(4):045001–??, April 2021. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.93.045001>.

Ji:2021:LME

[JLL⁺21] Xiangdong Ji, Yizhuang Liu, Yu-Sheng Liu, Jian-Hui Zhang, and Yong Zhao. Large-momentum effective theory. *Reviews of Modern Physics*, 93(3):035005–??, March 2021. CODEN

RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.93.035005>.

Junquera:2023:TPP

- [JNP⁺23] Javier Junquera, Yousra Nahas, Sergei Prokhorenko, Laurent Bellaiche, Jorge Íñiguez, Darrell G. Schlom, Long-Qing Chen, Sayeef Salahuddin, David A. Muller, Lane W. Martin, and R. Ramesh. Topological phases in polar oxide nanostructures. *Reviews of Modern Physics*, 95(2):025001–??, February 2023. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.95.025001>.

Kamien:2023:ER

- [Kam23] Randall D. Kamien. Editorial: To review is to be. *Reviews of Modern Physics*, 95(3):030001–??, March 2023. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.95.030001>.

Kuepferling:2023:MID

- [KCS⁺23] M. Kuepferling, A. Casiraghi, G. Soares, G. Durin, F. Garcia-Sanchez, L. Chen, C. H. Back, C. H. Marrows, S. Tacchi, and G. Carlotti. Measuring interfacial Dzyaloshinskii–Moriya interaction in ultrathin magnetic films. *Reviews of Modern Physics*, 95(1):015003–??, January 2023. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.95.015003>.

Kutschera:2023:ACA

- [KJPW23] Walter Kutschera, A. J. Timothy Jull, Michael Paul, and Anton Wallner. Atom counting with accelerator mass spectrometry. *Reviews of Modern Physics*, 95(3):035006–??, March 2023. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.95.035006>.

Kovarík:2020:HSB

- [KNS20] Karol Kovarík, Pavel M. Nadolsky, and Davison E. Soper. Hadronic structure in high-energy collisions. *Reviews of Modern Physics*, 92(4):045003–??, April 2020. CODEN RM-

PHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.92.045003>.

Kirchner:2020:CHE

- [KPC⁺20] Stefan Kirchner, Silke Paschen, Qiuyun Chen, Steffen Wirth, Donglai Feng, Joe D. Thompson, and Qimiao Si. Colloquium: Heavy-electron quantum criticality and single-particle spectroscopy. *Reviews of Modern Physics*, 92(1):011002–??, January 2020. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.92.011002>.

Lu:2022:MQE

- [LCPP22] Chao-Yang Lu, Yuan Cao, Cheng-Zhi Peng, and Jian-Wei Pan. Micius quantum experiments in space. *Reviews of Modern Physics*, 94(3):035001–??, March 2022. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.94.035001>.

Lode:2020:CMT

- [LLM⁺20] Axel U. J. Lode, Camille Lévêque, Lars Bojer Madsen, Alexej I. Streltsov, and Ofir E. Alon. Colloquium: Multiconfigurational time-dependent Hartree approaches for indistinguishable particles. *Reviews of Modern Physics*, 92(1):011001–??, January 2020. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.92.011001>.

Landi:2021:IEP

- [LP21] Gabriel T. Landi and Mauro Paternostro. Irreversible entropy production: From classical to quantum. *Reviews of Modern Physics*, 93(3):035008–??, March 2021. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.93.035008>.

Landi:2022:NBD

- [LPS22] Gabriel T. Landi, Dario Poletti, and Gernot Schaller. Nonequilibrium boundary-driven quantum systems: Models, methods, and properties. *Reviews of Modern Physics*, 94(4):045006–??, April 2022. CODEN RMPHAT. ISSN 0034-6861 (print),

1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.94.045006>.

Lv:2021:EPT

- [LQD21] B. Q. Lv, T. Qian, and H. Ding. Experimental perspective on three-dimensional topological semimetals. *Reviews of Modern Physics*, 93(2):025002–??, February 2021. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.93.025002>.

Lauricella:2020:MPS

- [LSZ⁺20] Marco Lauricella, Sauro Succi, Eyal Zussman, Dario Pisignano, and Alexander L. Yarin. Models of polymer solutions in electrified jets and solution blowing. *Reviews of Modern Physics*, 92(3):035004–??, March 2020. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.92.035004>.

Mitchell:2020:CQL

- [MA20] Morgan W. Mitchell and Silvana Palacios Alvarez. Colloquium: Quantum limits to the energy resolution of magnetic field sensors. *Reviews of Modern Physics*, 92(2):021001–??, February 2020. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.92.021001>.

Monroe:2021:PQS

- [MCD⁺21] C. Monroe, W. C. Campbell, L.-M. Duan, Z.-X. Gong, A. V. Gorshkov, P. W. Hess, R. Islam, K. Kim, N. M. Linke, G. Pagano, P. Richerme, C. Senko, and N. Y. Yao. Programmable quantum simulations of spin systems with trapped ions. *Reviews of Modern Physics*, 93(2):025001–??, February 2021. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.93.025001>.

McArdle:2020:QCC

- [MEAG⁺20] Sam McArdle, Suguru Endo, Alán Aspuru-Guzik, Simon C. Benjamin, and Xiao Yuan. Quantum computational chemistry. *Reviews of Modern Physics*, 92(1):015003–??, January

2020. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.92.015003>.

Marmol:2024:CMB

- [MGF24] M. Marmol, E. Gachon, and D. Faivre. Colloquium: Magnetotactic bacteria: From flagellar motor to collective effects. *Reviews of Modern Physics*, 96(2):021001–??, February 2024. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.96.021001>.

Mugnai:2020:TPB

- [MHHT20] Mauro L. Mugnai, Changbong Hyeon, Michael Hinczewski, and D. Thirumalai. Theoretical perspectives on biological machines. *Reviews of Modern Physics*, 92(2):025001–??, February 2020. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.92.025001>.

Mathijssen:2023:CFM

- [MLPM23] Arnold J. T. M. Mathijssen, Maciej Lisicki, Vivek N. Prakash, and Endre J. L. Mossige. Culinary fluid mechanics and other currents in food science. *Reviews of Modern Physics*, 95(2):025004–??, February 2023. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.95.025004>.

Meurice:2022:TLF

- [MSUY22] Yannick Meurice, Ryo Sakai, and Judah Unmuth-Yockey. Tensor lattice field theory for renormalization and quantum computing. *Reviews of Modern Physics*, 94(2):025005–??, February 2022. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.94.025005>.

Miller:2020:TYH

- [MTGS20] Steve Miller, Jonathan Tennyson, Thomas R. Geballe, and Tom Stallard. Thirty years of H_3^+ astronomy. *Reviews of Modern Physics*, 92(3):035003–??, March 2020. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://www.w3.org/1998/Math/MathML>.

Nomura:2020:CQC

- [NO20] R. Nomura and Y. Okuda. Colloquium: Quantum crystallizations of ^4He in superfluid far from equilibrium. *Reviews of Modern Physics*, 92(4):041003–??, April 2020. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://www.w3.org/1998/Math/MathML>.

Otsuka:2020:ESS

- [OGS+20] Takaharu Otsuka, Alexandra Gade, Olivier Sorlin, Toshio Suzuki, and Yutaka Utsuno. Evolution of shell structure in exotic nuclei. *Reviews of Modern Physics*, 92(1):015002–??, January 2020. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.92.015002>.

Parisi:2023:NLM

- [Par23] Giorgio Parisi. Nobel lecture: Multiple equilibria. *Reviews of Modern Physics*, 95(3):030501–??, March 2023. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.95.030501>.

Presigny:2022:CMM

- [PD22] Charley Presigny and Fabrizio De Vico Fallani. Colloquium: Multiscale modeling of brain network organization. *Reviews of Modern Physics*, 94(3):031002–??, March 2022. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.94.031002>.

Pickett:2023:CRT

- [Pic23] Warren E. Pickett. Colloquium: Room temperature superconductivity: The roles of theory and materials design. *Reviews of Modern Physics*, 95(2):021001–??, February 2023. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.95.021001>.

Pekola:2021:CQH

- [PK21] Jukka P. Pekola and Bayan Karimi. Colloquium: Quantum heat transport in condensed matter systems. *Reviews of Modern Physics*, 93(4):041001–??, April 2021. CODEN

RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.93.041001>.

Pachucki:2024:CTL

- [PLH⁺24] K. Pachucki, V. Lensky, F. Hagelstein, S. S. Li Muli, S. Bacca, and R. Pohl. Comprehensive theory of the Lamb shift in light muonic atoms. *Reviews of Modern Physics*, 96(1):015001–??, January 2024. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.96.015001>.

Pohlker:2023:RAD

- [PPK⁺23] Mira L. Pöhlker, Christopher Pöhlker, Ovid O. Krüger, Jan-David Förster, Thomas Berkemeier, Wolfgang Elbert, Janine Fröhlich-Nowoisky, Ulrich Pöschl, Gholamhossein Bagheri, Eberhard Bodenschatz, J. Alex Huffman, Simone Scheithauer, and Eugene Mikhailov. Respiratory aerosols and droplets in the transmission of infectious diseases. *Reviews of Modern Physics*, 95(4):045001–??, April 2023. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.95.045001>.

Portmann:2022:SQC

- [PR22] Christopher Portmann and Renato Renner. Security in quantum cryptography. *Reviews of Modern Physics*, 94(2):025008–??, February 2022. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.94.025008>.

Piquero-Zulaica:2022:EQS

- [PZLCEF⁺22] Ignacio Piquero-Zulaica, Jorge Lobo-Checa, Zakaria M. Abd El-Fattah, J. Enrique Ortega, Florian Klappenberger, Willi Auwärter, and Johannes V. Barth. Engineering quantum states and electronic landscapes through surface molecular nanoarchitectures. *Reviews of Modern Physics*, 94(4):045008–??, April 2022. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.94.045008>.

Reiserer:2022:CCE

- [Rei22] Andreas Reiserer. Colloquium: Cavity-enhanced quantum network nodes. *Reviews of Modern Physics*, 94(4):041003–??, April 2022. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.94.041003>.

Reichhardt:2022:SDS

- [RRM22] C. Reichhardt, C. J. O. Reichhardt, and M. V. Milosević. Statics and dynamics of skyrmions interacting with disorder and nanostructures. *Reviews of Modern Physics*, 94(3):035005–??, March 2022. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.94.035005>.

Rosen:2022:IBO

- [RTK22] Guillermo F. Quinteiro Rosen, Pablo I. Tamborenea, and Tilmann Kuhn. Interplay between optical vortices and condensed matter. *Reviews of Modern Physics*, 94(3):035003–??, March 2022. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.94.035003>.

Schaeffer:2023:PIH

- [SBB⁺23] Derek B. Schaeffer, Archie F. A. Bott, Marco Borghesi, Kirk A. Flippo, William Fox, Julien Fuchs, Chikang Li, Fredrick H. Séguin, Hye-Sook Park, Petros Tzeferacos, and Louise Willingale. Proton imaging of high-energy-density laboratory plasmas. *Reviews of Modern Physics*, 95(4):045007–??, April 2023. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.95.045007>.

Shah:2024:CTP

- [SBPM24] Tirth Shah, Christian Brendel, Vittorio Peano, and Florian Marquardt. Colloquium: Topologically protected transport in engineered mechanical systems. *Reviews of Modern Physics*, 96(2):021002–??, February 2024. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.96.021002>.

Stolzenburg:2023:ANG

- [SCB⁺23] Dominik Stolzenburg, Runlong Cai, Sara M. Blichner, Jenni Kontkanen, Putian Zhou, Risto Makkonen, Veli-Matti Kermiinen, Markku Kulmala, Ilona Riipinen, and Juha Kangasluoma. Atmospheric nanoparticle growth. *Reviews of Modern Physics*, 95(4):045002–??, April 2023. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.95.045002>.

Schmidt:2022:PFT

- [Sch22] Matthias Schmidt. Power functional theory for many-body dynamics. *Reviews of Modern Physics*, 94(1):015007–??, January 2022. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.94.015007>.

Sobota:2021:ARP

- [SHS21] Jonathan A. Sobota, Yu He, and Zhi-Xun Shen. Angle-resolved photoemission studies of quantum materials. *Reviews of Modern Physics*, 93(2):025006–??, February 2021. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.93.025006>.

Sikivie:2021:IAS

- [Sik21] Pierre Sikivie. Invisible axion search methods. *Reviews of Modern Physics*, 93(1):015004–??, January 2021. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.93.015004>.

Szilva:2023:QTM

- [SKS⁺23] Attila Szilva, Yaroslav Kvashnin, Evgeny A. Stepanov, Lars Nordström, Olle Eriksson, Alexander I. Lichtenstein, and Mikhail I. Katsnelson. Quantitative theory of magnetic interactions in solids. *Reviews of Modern Physics*, 95(3):035004–??, March 2023. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.95.035004>.

Stokes:2022:IGF

- [SN22] Adam Stokes and Ahsan Nazir. Implications of gauge freedom for nonrelativistic quantum electrodynamics. *Reviews of Modern Physics*, 94(4):045003–??, April 2022. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.94.045003>.

Singh:2022:CSS

- [SO22] Martin S. Singh and Morgan E O’Neill. The climate system and the Second Law of Thermodynamics. *Reviews of Modern Physics*, 94(1):015001–??, January 2022. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.94.015001>.

Sheremet:2023:WQE

- [SPI+23] Alexandra S. Sheremet, Mihail I. Petrov, Ivan V. Iorsh, Alexander V. Poshakinskiy, and Alexander N. Poddubny. Waveguide quantum electrodynamics: Collective radiance and photon-photon correlations. *Reviews of Modern Physics*, 95(1):015002–??, January 2023. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.95.015002>.

Schumacher:2020:CUD

- [SS20] Jörg Schumacher and Katepalli R. Sreenivasan. Colloquium: Unusual dynamics of convection in the Sun. *Reviews of Modern Physics*, 92(4):041001–??, April 2020. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.92.041001>.

Smidman:2023:CUF

- [SSN+23] Michael Smidman, Oliver Stockert, Emilian M. Nica, Yang Liu, Huiqiu Yuan, Qimiao Si, and Frank Steglich. Colloquium: Unconventional fully gapped superconductivity in the heavy-fermion metal CeCu₂Si₂. *Reviews of Modern Physics*, 95(3):031002–??, March 2023. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://www.w3.org/1998/Math/MathML>.

Sun:2023:CMI

- [Sun23] Mao Sun. Colloquium: Miniature insect flight. *Reviews of Modern Physics*, 95(4):041001–??, April 2023. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.95.041001>.

Shiltsev:2021:MFC

- [SZ21] V. Shiltsev and F. Zimmermann. Modern and future colliders. *Reviews of Modern Physics*, 93(1):015006–??, January 2021. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.93.015006>.

Talkner:2020:CSM

- [TH20] Peter Talkner and Peter Hänggi. Colloquium: Statistical mechanics and thermodynamics at strong coupling: Quantum and classical. *Reviews of Modern Physics*, 92(4):041002–??, April 2020. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.92.041002>. See erratum [TH22].

Talkner:2022:ECS

- [TH22] Peter Talkner and Peter Hänggi. Erratum: Colloquium: Statistical mechanics and thermodynamics at strong coupling: Quantum and classical [Rev. Mod. Phys. **92**, 041002 (2020)]. *Reviews of Modern Physics*, 94(3):039901–??, March 2022. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.94.039901>. See [TH20].

Thoennessen:2020:EPI

- [Tho20] Michael Thoennessen. Editorial: Promoting inclusive and respectful communications. *Reviews of Modern Physics*, 92(4):040001–??, April 2020. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.92.040001>.

Torbati:2022:CMD

- [TML22] Mehdi Torbati, Kosar Mozaffari, Liping Liu, and Pradeep Sharma. Coupling of mechanical deformation and elec-

tromagnetic fields in biological cells. *Reviews of Modern Physics*, 94(2):025003–??, February 2022. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.94.025003>.

Tiesinga:2021:CRV

[TMNT21] Eite Tiesinga, Peter J. Mohr, David B. Newell, and Barry N. Taylor. CODATA recommended values of the fundamental physical constants: 2018. *Reviews of Modern Physics*, 93(2):025010–??, February 2021. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.93.025010>.

Thomas:2022:EWH

[TT22] Jessica Thomas and Michael Thoennessen. Editorial: A welcoming home for applied science. *Reviews of Modern Physics*, 94(4):040001–??, April 2022. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.94.040001>.

Uola:2020:QS

[UCNG20] Roope Uola, Ana C. S. Costa, H. Chau Nguyen, and Otfried Gühne. Quantum steering. *Reviews of Modern Physics*, 92(1):015001–??, January 2020. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.92.015001>.

Varma:2020:CLT

[Var20] Chandra M. Varma. Colloquium: Linear in temperature resistivity and associated mysteries including high temperature superconductivity. *Reviews of Modern Physics*, 92(3):031001–??, March 2020. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.92.031001>.

Vynck:2023:LCD

[VPC⁺23] Kevin Vynck, Romain Pierrat, Rémi Carminati, Luis S. Froufe-Pérez, Frank Scheffold, Riccardo Sapienza, Silvia Vignolini, and Juan José Sáenz. Light in correlated disordered

media. *Reviews of Modern Physics*, 95(4):045003–??, April 2023. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.95.045003>.

Vitagliano:2020:GUN

- [VTR20] Edoardo Vitagliano, Irene Tamborra, and Georg Raffelt. Grand unified neutrino spectrum at Earth: Sources and spectral components. *Reviews of Modern Physics*, 92(4):045006–??, April 2020. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.92.045006>.

Wharton:2020:CBT

- [WA20] K. B. Wharton and N. Argaman. Colloquium: Bell’s theorem and locally mediated reformulations of quantum mechanics. *Reviews of Modern Physics*, 92(2):021002–??, February 2020. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.92.021002>.

Witthaut:2022:CND

- [WHK⁺22] Dirk Witthaut, Frank Hellmann, Jürgen Kurths, Stefan Kettemann, Hildegard Meyer-Ortmanns, and Marc Timme. Collective nonlinear dynamics and self-organization in decentralized power grids. *Reviews of Modern Physics*, 94(1):015005–??, January 2022. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.94.015005>.

Witten:2020:LRS

- [Wit20] Edward Witten. Light rays, singularities, and all that. *Reviews of Modern Physics*, 92(4):045004–??, April 2020. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.92.045004>.

Wang:2024:CSP

- [WKVT24] Jin Wang, Ali Khosravi, Andrea Vanossi, and Erio Tosatti. Colloquium: Sliding and pinning in structurally lubric 2D material interfaces. *Reviews of Modern Physics*, 96(1):011002–??, January 2024. CODEN RMPHAT. ISSN 0034-6861 (print),

1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.96.011002>.

Williamson:2021:ECC

- [WTC+21] Mark S. Williamson, Chad W. Thackeray, Peter M. Cox, Alex Hall, Chris Huntingford, and Femke J. M. M. Nijssse. Emergent constraints on climate sensitivities. *Reviews of Modern Physics*, 93(2):025004–??, February 2021. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.93.025004>.

Wu:2021:WIS

- [Wu21] Zhen Wu. Wall interactions of spin-polarized atoms. *Reviews of Modern Physics*, 93(3):035006–??, March 2021. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.93.035006>.

Xu:2020:SQK

- [XMZ+20] Feihu Xu, Xiongfeng Ma, Qiang Zhang, Hoi-Kwong Lo, and Jian-Wei Pan. Secure quantum key distribution with realistic devices. *Reviews of Modern Physics*, 92(2):025002–??, February 2020. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.92.025002>.

Yang:2024:CME

- [YZX+24] Fubao Yang, Zeren Zhang, Liujuan Xu, Zhoufei Liu, Peng Jin, Pengfei Zhuang, Min Lei, Jinrong Liu, Jian-Hua Jiang, Xiaoping Ouyang, Fabio Marchesoni, and Jiping Huang. Controlling mass and energy diffusion with metamaterials. *Reviews of Modern Physics*, 96(1):015002–??, January 2024. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.96.015002>.

Zhang:2023:PFR

- [Zha23] Bing Zhang. The physics of fast radio bursts. *Reviews of Modern Physics*, 95(3):035005–??, March 2023. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.95.035005>.

Zaletel:2023:CQC

- [ZLM⁺23] Michael P. Zaletel, Mikhail Lukin, Christopher Monroe, Chetan Nayak, Frank Wilczek, and Norman Y. Yao. Colloquium: Quantum and classical discrete time crystals. *Reviews of Modern Physics*, 95(3):031001–??, March 2023. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.95.031001>.

Zhao:2022:LMM

- [ZSC⁺22] Cang Zhao, Bo Shi, Shuailei Chen, Dong Du, Tao Sun, Brian J. Simonds, Kamel Fezzaa, and Anthony D. Rollett. Laser melting modes in metal powder bed fusion additive manufacturing. *Reviews of Modern Physics*, 94(4):045002–??, April 2022. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.94.045002>.

Zwolak:2023:CAA

- [ZT23] Justyna P. Zwolak and Jacob M. Taylor. Colloquium: Advances in automation of quantum dot devices control. *Reviews of Modern Physics*, 95(1):011006–??, January 2023. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL <http://journals.aps.org/rmp/abstract/10.1103/RevModPhys.95.011006>.