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Autore	Scuto, Carmelo
Titolo	L'ingiustificato arricchimento / Carmelo Scuto
Pubbl/distr/stampa	Perugia : G. Guerra, 1912
Descrizione fisica	61 p. ; in 8°
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Lingua di pubblicazione	Italiano
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2.

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Autore	Lazarovici Dustin
Titolo	Typicality Reasoning in Probability, Physics, and Metaphysics / / by Dustin Lazarovici
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Palgrave Macmillan, , 2023
ISBN	9783031334481 3031334485
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (380 pages)
Collana	New Directions in the Philosophy of Science, , 2947-6836
Disciplina	530.01
Soggetti	Physics - Philosophy Metaphysics Mathematics - Philosophy Philosophy of Physics Philosophy of Mathematics Philosophical Foundations of Physics and Astronomy
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	1. Introduction -- Part I: Probability -- 2. Typicality in Probability Theory -- 3. Cournot's Principle -- 4. A Typicality Theory of Probability -- 5. The Mentaculus: Typicality versus Humean Chances -- 6. The Structure of Typicality -- Part II: Physics -- 7. From the Universe to Subsystems -- 8. Boltzmann's Statistical Mechanics -- 9. It's Complicated: The Relationship of Physics and Mathematics -- 10. Boltzmann Equation and the H-theorem.-11. Past Hypothesis and the Arrow of Time.-12. Causality and the Arrow of Time.-13. Quantum Mechanics -- Part III: Beyond Physics.-14. Other Applications of Typicality.-15. Special Science Laws.-16. Typicality and the Metaphysics of Laws -- Appendix A Time-reversal Invariance -- Appendix B Proof of Theorems.
Sommario/riassunto	This book provides a comprehensive investigation into the concept of typicality and its significance for physics and the philosophy of science. It identifies typicality as a fundamental way of reasoning, central to how natural laws explain and are tested against phenomena. The book

discusses various applications of typicality to foundational questions in physics and beyond.These include: a unified interpretation of objective probabilities in classical mechanics and quantum mechanics a detailed discussion of Boltzmann's statistical mechanics, entropy, and the second law of thermodynamics a novel account of the asymmetry of causation and the arrow of time Finally, the book turns to the question: "What are laws of nature"? It argues that typicality extends to a powerful way of reasoning in metaphysics that can and should inform our commitments about the fundamental ontology of the world. On this basis, it develops an argument against the Humean best system account, according to which laws of nature are merely an efficient summary of contingent regularities. Dustin Lazarovici studied physics and mathematics at the University of Munich. He holds a PhD in mathematics from the University of Munich and a PhD in philosophy from the University of Lausanne. He is currently an Assistant Professor for philosophy of physics and philosophy of science at the Technion – Israel Institute of Technology. .