

1. Record Nr.	UNINA9910584584603321
Autore	Frigg Roman
Titolo	Models and Theories / / Roman Frigg
Pubbl/distr/stampa	Taylor & Francis, 2022 England : , : Routledge, , 2022
ISBN	1-000-60955-3 1-00-328510-4 1-000-60953-7 1-003-28510-4
Descrizione fisica	1 online resource (508 pages)
Disciplina	100
Soggetti	Philosophy
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Theory and language -- Models in the received view -- Delineating the observable -- Framing the theoretical -- Thinking through structures -- Representing with structures -- Family ties -- Beyond structures -- Reconsidering representation -- Analogy -- Abstraction, approximation, idealisation -- Limit idealisations and factor exclusions -- Challenging subordination -- What are models? -- Taming abundance -- The model muddle.
Sommario/riassunto	Models and theories are of central importance in science, and scientists spend substantial amounts of time building, testing, comparing and revising models and theories. It is therefore not surprising that the nature of scientific models and theories has been a widely debated topic within the philosophy of science for many years. The product of two decades of research, this book provides an accessible yet critical introduction to the debates about models and theories within analytical philosophy of science since the 1920s. Roman Frigg surveys and discusses key topics and questions, including: What are theories? What are models? And how do models and theories relate to each other? The linguistic view of theories (also known as the syntactic view of theories), covering different articulations of the view, its use of models, the theory-observation divide and the theory-ladenness of observation,

and the meaning of theoretical terms. The model-theoretical view of theories (also known as the semantic view of theories), covering its analysis of the model-world relationship, the internal structure of a theory, and the ontology of models. Scientific representation, discussing analogy, idealisation and different accounts of representation. Modelling in scientific practice, examining how models relate to theories and what models are, classifying different kinds of models, and investigating how robustness analysis, perspectivism, and approaches committed to uncertainty-management deal with multi-model situations. Models and Theories is the first comprehensive book-length treatment of the topic, making it essential reading for advanced undergraduates, researchers, and professional philosophers working in philosophy of science and philosophy of technology. It will also be of interest to philosophically minded readers working in physics, computer sciences and STEM fields more broadly.

2. Record Nr.	UNINA9910921008703321
Autore	Gopal Sucharita
Titolo	The FinTech Revolution : Bridging Geospatial Data Science, AI, and Sustainability // Sucharita Gopal, Josh Pitts
Pubbl/distr/stampa	Cham, Switzerland : , : Springer, , [2024]
ISBN	9783031744174 9783031744181 3031744187
Descrizione fisica	1 online resource (xxiii, 398 pages)
Collana	Sustainable Finance
Disciplina	332
Soggetti	Financial services industry - Technological innovations Financial services industry - Data processing
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Sommario/riassunto	In a world of unprecedented challenges and opportunities, Fintech stands as a pivotal force, at the crossroads of technology, finance, and

sustainability. This book invites readers to the forefront of a revolutionary convergence, where economic growth and environmental stewardship align. Whether the reader is a decision-maker, innovator, entrepreneur, or investor within the Fintech industry, this is a guide to a future where finance and technology serve our planet. Authored by experts in GIS, AI, and remote sensing, who are also seasoned entrepreneurs, this unique work offers both theory and practical guidance, discovers sources often overlooked in ESG analytics, dives into specific, not general, KPIs for industry professionals, and navigates global regulations and frameworks with ease. Real-world case studies unveil the value of applied methods, supported by insights from leading practitioners, explore the latest developments in AI and machine learning, and uncover a step-by-step data science analysis framework.

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