

1. Record Nr.	UNINA9910484958603321
Titolo	Proceedings of the First International Forum on Financial Mathematics and Financial Technology // edited by Zhiyong Zheng
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2021
ISBN	981-15-8373-0
Edizione	[1st ed. 2021.]
Descrizione fisica	1 online resource (238 pages)
Collana	Financial Mathematics and Fintech, , 2662-7175
Disciplina	332.0151922
Soggetti	Macroeconomics Social sciences - Mathematics Macroeconomics and Monetary Economics Mathematics in Business, Economics and Finance
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	The Practice and Development of Digital Inclusive Finance in China -- On Arbitrage-Free Pricing in Numeraire-Free Markets: With Applications to Forex and Cryptocurrency -- Algebraic Heun Pencil and related Problems in Mathematical Physics -- A Survey on Deep Learning in Financial Markets -- Information Transition in Trading and its Effect on Market Efficiency: An Entropy Approach -- Survey of Lattice-Based Group Signature -- Insight on Hybrid Organizational Performance: A Systematic Review -- The Complex Systems' Methods in Financial Science and Technology -- Estimating the Number of Fork Projects of Bitcoin Based on a Birth-death-immigration Process -- Patterns vs. Spatial Heterogeneity—From a Variational Viewpoint -- A Summary: Quantifying the Complexity of Financial Markets Using Composite and Multivariate Multiscale Entropy -- Iterative Learning Control for FinTech.
Sommario/riassunto	This book contains high-quality papers presented at the First International Forum on Financial Mathematics and Financial Technology. With the rapid development of FinTech, the in-depth integration between mathematics, finance and advanced technology is the general trend. This book focuses on selected aspects of the current and upcoming trends in FinTech. In detail, the included scientific

papers focus on financial mathematics and FinTech, presenting the innovative mathematical models and state-of-the-art technologies such as deep learning, with the aim to improve our financial analysis and decision-making and enhance the quality of financial services and risk control. The variety of the papers delivers added value for both scholars and practitioners where they will find perfect integration of elegant mathematical models and up-to-date data mining technologies in financial market analysis. .
