1. Record Nr. UNINA9910557703703321 Autore Wong Wing-Keung Titolo Mathematical Finance with Applications Basel, Switzerland, : MDPI - Multidisciplinary Digital Publishing Pubbl/distr/stampa Institute, 2020 Descrizione fisica 1 electronic resource (232 p.) Soggetti Coins, banknotes, medals, seals (numismatics) Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Mathematical finance plays a vital role in many fields within finance and Sommario/riassunto provides the theories and tools that have been widely used in all areas of finance. Knowledge of mathematics, probability, and statistics is essential to develop finance theories and test their validity through the analysis of empirical, real-world data. For example, mathematics, probability, and statistics could help to develop pricing models for financial assets such as equities, bonds, currencies, and derivative securities.