Record Nr. UNINA9910337681503321 Autore Guégan Dominique **Titolo** Risk Measurement: From Quantitative Measures to Management Decisions / / by Dominique Guégan, Bertrand K. Hassani Pubbl/distr/stampa Cham:,: Springer International Publishing:,: Imprint: Springer,, 2019 **ISBN** 3-030-02680-9 Edizione [1st ed. 2019.] 1 online resource (XIV, 215 p. 30 illus., 16 illus. in color.) Descrizione fisica 658.155 Disciplina Soggetti Risk management Business enterprises—Finance Financial engineering Economics, Mathematical **Statistics** Risk Management **Business Finance** Financial Engineering Quantitative Finance Statistics for Business, Management, Economics, Finance, Insurance Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di contenuto 1 Introduction -- 2. Financial Institutions: A Regulation review through the Risk Measurement prism -- 3. The Traditional Risk measures -- 4. Univariate and Multivariate Distributions -- 5. Extensions for Risk Measures: Univariate and Multivariate Approaches -- 6. Risks Measures and Dynamics -- 7. Markov Switching modelling. This book combines theory and practice to analyze risk measurement Sommario/riassunto from different points of view. The limitations of a model depend on the framework on which it has been built as well as specific assumptions, and risk managers need to be aware of these when assessing risks. The authors investigate the impact of these limitations, propose an alternative way of thinking that challenges traditional assumptions, and also provide novel solutions. Starting with the traditional Value at Risk (VaR) model and its limitations, the book discusses concepts like the

expected shortfall, the spectral measure, the use of the spectrum, and the distortion risk measures from both a univariate and a multivariate perspective. .