Record Nr. UNINA9910820076903321 Autore Brigo Damiano <1966-> Titolo Credit models and the crisis: a journey into CDOs, Copulas, correlations and dynamic models // Damiano Brigo, Andrea Pallavicini, and Roberto Torresetti Chichester; ; Hoboken, NJ, : John Wiley & Sons, 2010 Pubbl/distr/stampa **ISBN** 9786612782640 9781118374733 1118374738 9781282782648 1282782649 9780470667156 047066715X Edizione [1st edition] Descrizione fisica 1 online resource (177 p.) Collana The Wiley Finance Series: v.533 Altri autori (Persone) PallaviciniAndrea **TorresettiRoberto** 332.01/5195 Disciplina Soggetti Finance - Mathematical models Credit - Mathematical models Financial crises - Mathematical models Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Includes bibliographical references and index. Nota di bibliografia Nota di contenuto Credit Models and the Crisis: Contents: Preface: Acknowledgements: About the Authors: Notation and List of Symbols: 1 Introduction: Credit Modelling Pre- and In-Crisis; 2 Market Quotes; 3 Gaussian Copula Model and Implied Correlation: 4 Consistency across Capital Structure: Implied Copula; 5 Consistency across Capital Structure and Maturities: Expected Tranche Loss; 6 A Fully Consistent Dynamical Model: Generalized-Poisson Loss Model; 7 Application to More Recent Data and the Crisis; 8 Final Discussion and Conclusions; Bibliography; Index The recent financial crisis has highlighted the need for better valuation Sommario/riassunto models and risk management procedures, better understanding of structured products, and has called into question the actions of many

financial institutions. It has become commonplace to blame the

inadequacy of credit risk models, claiming that the crisis was due to sophisticated and obscure products being traded, but practitioners have for a long time been aware of the dangers and limitations of credit models. It would seem that a lack of understanding of these models is the root cause of their failures but until now