DESCRIPTION

The single most important topic in finance today is the art and science of credit risk management. Growing dissatisfaction with traditional credit risk measurement methods has combined with regulations imposed by the Bank for International Settlements (BIS) in 1993 to send numerous financial institutions in search of alternative "internal model" approaches to measuring the credit risk of a loan or portfolio of loans. This has led to a raging debate over whether internal models can replace regulatory models, and which areas of credit risk measurement and management are most amenable to internal models. Much of this highly technical debate, however, has been inaccessible to the interested practitioner, student, economist, or regulator-until now.

In Credit Risk Measurement: New Approaches to Value at Risk and Other Paradigms, Anthony Saunders invites a wider audience into the debate. Simplifying many of the technical details and analytics surrounding internal models, he concentrates on their underlying economics and economic intuition. Professor Saunders examines the approaches of these new models to the evaluation of individual borrower credit risk, portfolio credit risk, and derivative contracts. The alternative models explored include:

* Loans as options and the KMV model
* The VAR approach: J. P. Morgan's CreditMetrics and other models
* The macro simulation approach: the McKinsey and other models
* The risk-neutral valuation approach: KPMG's Loan Analysis System (LAS) and other models
* The insurance approach: mortality models and CSFP credit risk plus model
* Back testing and stress testing credit risk models

* RAROC models

With its comprehensive coverage, summary, and comparison of new internal model approaches along with clear explanations of often complex material, Credit Risk Measurement is an indispensable resource for bankers, academics and students, economists, and regulators.

ABOUT THE AUTHOR

ANTHONY SAUNDERS is the John M. Schiff Professor of Finance and Chair of the Department of Finance at the Stern School of Business at New York University. He holds positions on the Board of Academic Consultants of the Federal Reserve Board of Governors and the Council of Research Advisors for the Federal National Mortgage Association. He is the Editor of the Journal of Banking and Finance and the Journal of Financial Markets, Instruments, and Institutions.

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