Technology and Financial Crisis: Econmical and Analytical Views

Part of the Advances in Finance, Accounting, and Economics Book Series

Ali Serhan Koyuncugil (Capital Markets Board of Turkey, Turkey) and Nermin Ozgulbas (Baskent University, Turkey)

Rapid improvements and constant advancements in information technology have inevitably lead to significant changes for businesses across the globe. As a result, some of these large shifts have unfortunately ended in major financial crises.

Technology and Financial Crisis: Economical and Analytical Views investigates financial crises from unique points of view. Not only does this publication consider the broader economical implications that a financial crisis can have on one business or on a whole country, but it also thoroughly discusses the smaller areas which are affected or contribute to the downfall. This book is intended to be of use to the public sector, researchers, practitioners, and educators who are interested in the affects of a financial crises and possible ways to reduce such large scale problems in the future.

Topics Covered:
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Ali Serhan Koyuncugil is Associate Professor of Statistics. He is working as a statistician for Capital Markets Board of Turkey. He had his B.Sc., M.Sc. and Ph.D. degrees in statistics. His current research interests are design and development of fraud detection, risk management, early warning, surveillance, information, decision-support and classification systems; design and development of datawarehouses and statistical databases; development of indicators, models and algorithms, conducting analysis on capital markets, finance, health, SMEs, large scale statistical researches (e.g. census), population and development, socio-economic and demographic affairs based on data mining, statistics, quantitative decision making, operational research, optimization, mathematical programming, fuzzy set, technical demography theory and applications. He is Elected Member (Fellow) of the International Statistical Institute (ISI); Establisher, Elected Member, Member of Executive Board and Scientific Secretary for ISI-IASC Committee on Computational Statistics, Data Mining and Knowledge Discovery and member of the IASC and IASS sections of ISI, Turkish Statistical Association, Turkish Informatics Society and was former vice head of Turkish Statisticians Association. In addition, he is Member of Advisors Board for Young Businessmen Association of Turkey. He has been taking part in a lot of international and national projects (UN, IBRD, EU, etc.). He has been taking part in a lot of international and national journals, conferences as an editorial board member, organizer, reviewer and advisor. His latest researches are about early warning systems based on data mining.
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