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Nota di contenuto	Risk models and ruin theory -- Compound risk models and copula decomposition -- Comonotonically additive premium principles and some related topics -- Fuzzy comprehension evaluation and fuzzy information processing for risks -- Application of fuzzy mathematics to actuarial science -- Some applications of financial economics to insurance -- Exploring on the risk profile of China insurance for setting appropriate solvency capital requirement.
Sommario/riassunto	Since actuarial education was introduced into China in the 1980s, Chinese scholars have paid greater attention to the theoretical research of actuarial science. Professors and industry experts from well-known universities in China recently worked together on the project "Insurance Information Processing and Actuarial Mathematics Theory and Methodology", which was supported by the Chinese government. Summarizing what they achieved, this volume provides a study of some basic problems of actuarial science, including risk models, risk evaluation and analysis, and premium principles. The contributions cover some new applications of probability and statistics, fuzzy mathematics and financial economics to the field of actuarial practices. Discussions on the new insurance market in China are also presented.

