1. Record Nr. UNINA9910300257303321 Autore Olivieri Annamaria Titolo Introduction to Insurance Mathematics: Technical and Financial Features of Risk Transfers / / by Annamaria Olivieri, Ermanno Pitacco Pubbl/distr/stampa Cham:,: Springer International Publishing:,: Imprint: Springer,, 2015 **ISBN** 3-319-21377-6 Edizione [2nd ed. 2015.] Descrizione fisica 1 online resource (XVIII, 508 p. 195 illus., 21 illus. in color.) Collana EAA Series, , 1869-6929 Disciplina 368.01 Soggetti Game theory Finance Statistics Game Theory, Economics, Social and Behav. Sciences Finance, general Statistics for Business, Management, Economics, Finance, Insurance Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Bibliographic Level Mode of Issuance: Monograph Note generali Nota di bibliografia Includes bibliographical references and index. Nota di contenuto 1 Risks and Insurance -- 2 Managing a Portfolio of Risks -- Life Insurance: Modeling the Lifetime -- 4 Life Insurance: Pricing -- 5 Life Insurance: Reserving -- 6 Reserves and Profits in a Life Insurance Portfolio -- 7 Finance in Life Insurance: Linking Benefits to the Investment Performance -- 8 Pension Plans: Technical and Financial Perspectives -- 9 Non-life Insurance: Pricing and Reserving -- Index. This second edition expands the first chapters, which focus on the Sommario/riassunto approach to risk management issues discussed in the first edition, to offer readers a better understanding of the risk management process and the relevant quantitative phases. In the following chapters the book examines life insurance, non-life insurance and pension plans, presenting the technical and financial aspects of risk transfers and insurance without the use of complex mathematical tools. The book is written in a comprehensible style making it easily accessible to advanced undergraduate and graduate students in Economics, Business and Finance, as well as undergraduate students in Mathematics who

intend starting on an actuarial qualification path. With the systematic

inclusion of practical topics, professionals will find this text useful when working in insurance and pension related areas, where investments, risk analysis and financial reporting play a major role.