A Course in Credibility Theory and its Applications (Universitext)

Hans Buuml;hlmann, Alois Gisler
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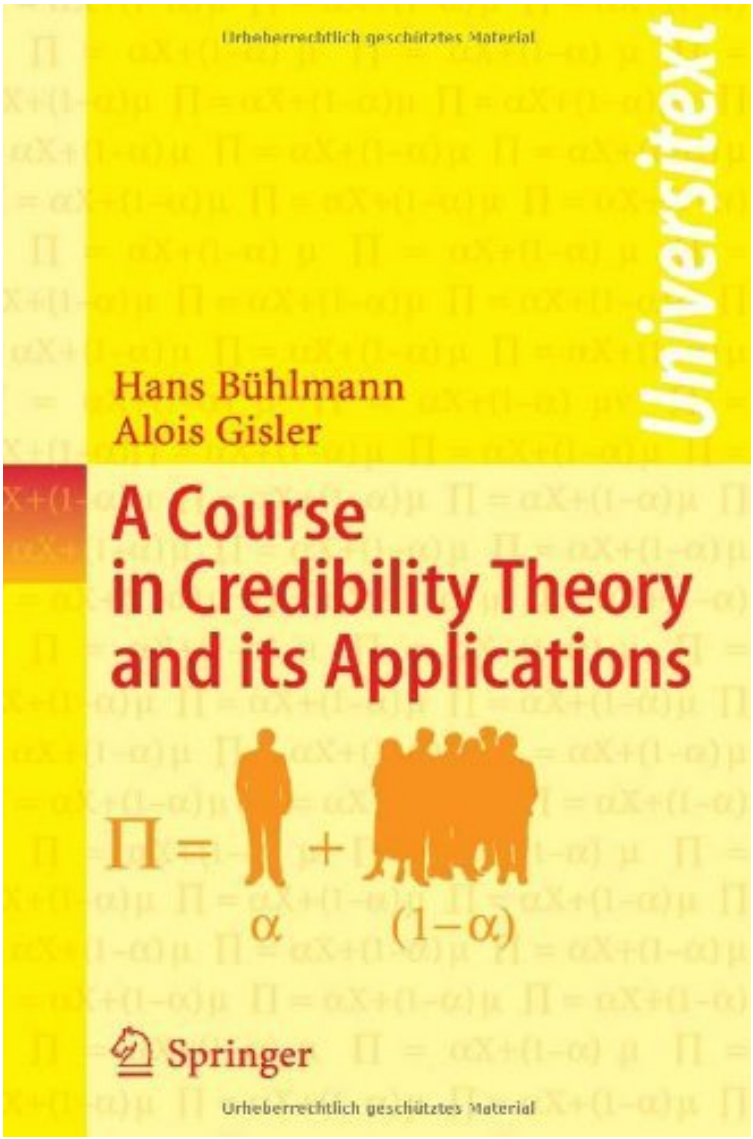

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Hans Buuml;hlmann, Alois Gisler : A Course in Credibility Theory and its Applications (Universitext) before purchasing it in order to gage whether or not it would be worth my time, and all praised A Course in Credibility Theory and its Applications (Universitext):

The book is aimed at teachers and students as well as practising experts in the financial area, in particular at actuaries in the field of property-casualty insurance, life insurance, reinsurance and insurance supervision. Persons working in the wider world of finance will also find many relevant ideas and examples even though credibility methods have not

yet been widely applied here.The book covers the subject of Credibility Theory extensively and includes most aspects of this topic from the simplest case to the most general dynamic model. Credibility is a lifeless topic if it is not linked closely to practical applications. The book therefore treats explicitly the tasks which the actuary encounters in his daily work such as estimation of loss ratios, claim frequencies and claim sizes. This book deserves a place on the bookshelf of every actuary and mathematician who works, teaches or does research in the area of insurance and finance.

From the reviews: "The book is aimed at teachers and students as well as practicing experts in the financial area hellip; . Persons working in the wider world of finance will also find many relevant ideas and examples even though credibility methods have not yet been widely applied here. The book covers the subject of Credibility Theory extensively and includes most aspects of this topic from the simplest case to the most general dynamic model." (Zeitschrift fuuml;r die gesamte Versicherungswissenschaft, Issue 2, 2006) "The authors hellip; have done an excellent job while explaining the basic concept and at the same time elaborating on the practical problems actuaries encounter. hellip; The book is aimed at teachers, students and practising experts, especially actuaries working in property-casualty insurance. hellip; The book has relevant practical examples and exercises which practitioners might find useful. It may be useful for students/non-actuaries who do not have a statistical background hellip; ." (Gautam Kakar, Annals of Actuarial Science, Vol. 2 (2), 2007)From the Back CoverThe book is aimed at teachers and students as well as practising experts in the financial area, in particular at actuaries in the field of property-casualty insurance, life insurance, reinsurance and insurance supervision. Persons working in the wider world of finance will also find many relevant ideas and examples even though credibility methods have not yet been widely applied here. The text combines scientific rigour with direct practical applicability. It is based on courses given by the two authors at ETH Zuuml;rich. These courses have undergone considerable changes over time. "A Course in Credibility Theory and its Applications" is the final product of this evolution. It covers the subject of Credibility Theory extensively and includes most aspects of this topic from the simplest case to the most general dynamic model. The first four chapters contain plenty of material for a first course on Credibility. The whole text is intended as a full one year course at intermediate to advanced level. Credibility is a lifeless topic if it is not linked closely to practical applications. The book therefore treats explicitly the tasks which the actuary encounters in his daily work such as estimation of loss ratios, claim frequencies and claim sizes. The models are worked out in detail (including the estimation of structural parameters) so that they can immediately be applied in practice. Most exercises are based on real insurance data and real situations from practice and many of them have the characteristics of a case study. The extension to practical problems arising from the general area of finance is often quite straightforward. This book deserves a place on the bookshelf of every actuary and mathematician who works, teaches or does research in the area of insurance and finance. About the AuthorHans Buuml;hlmann Hans Buuml;hlmann is professor emeritus of ETH Zuuml;rich, where he taught mathematics for more than thirty years. He has held visiting appointments at UC Berkeley, University of Michigan, UL Bruxelles, University of Tokyo, University of Manitoba, Universitagrave; La Sapienza in Rome,nbsp;Scuola Normale Superiorenbsp;Pisa. His interest in actuarial science dates back to his first employment after his doctorate, when he worked in the insurance industry. His book "Mathematical Methods in Risk Theory" (Springer Grundlehren) is a classic in the actuarial literature.www.math.ethz.ch/~hbuhl nbsp; Alois Gisler Alois Gisler is chief actuary at Winterthur Insurance Company and professor at ETH Zuuml;rich, where he teaches non-life insurance mathematics and credibility. He wrote his doctoral thesis with Hans Buuml;hlmann at ETH, and since then has worked for more than twenty years in the insurance industry. While a full time practising actuary, he has always kept in close contact with actuarial science: he was co-editor of the ASTIN-Bulletin for 10 years and has published manynbsp;articles, mainly in credibility theory. www.math.ethz.ch/~gisler