1. Record Nr.   UNINA9910300151303321

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   Titolo   Janus-Faced Probability / / by Paolo Rocchi

   Pubbl/distr/stampa   Cham : , : Springer International Publishing : , : Imprint : Springer, ,
                           2014

   ISBN   3-319-04861-9

   Edizione   [1st ed. 2014.]

   Descrizione fisica   1 online resource (150 p.)

   Disciplina   519.2

   Soggetti   Probabilities
                           Mathematics
                           History
                           Mathematical logic
                           Probability Theory
                           History of Mathematical Sciences
                           Mathematical Logic and Foundations

   Lingua di pubblicazione Inglese

   Formato   Materiale a stampa

   Livello bibliografico   Monografia

   Note generali   Description based upon print version of record.

   Nota di bibliografia   Includes bibliographical references and index.

   Nota di contenuto   Interpretations of Probability -- A Mathematical Approach to the
                           Interpretation Problem -- Probability Validation -- About the
                           Compatibility of the Diverging Interpretations -- Criticism on the
                           Philosophical Pollution -- Considerations Around the Probability
                           Axiomatization -- Some Remarks on the Argument of Probability --
                           Classical Modeling of the Probability Argument -- Structural Modeling
                           of the Probability Argument -- Some Topics on Probability and
                           Structural Models -- Exploring into the Essence of Events -- Index.

   Sommario/riassunto   The problem of probability interpretation was long overlooked before
                           exploding in the 20th century, when the frequentist and subjectivist
                           schools formalized two conflicting conceptions of probability. Beyond
                           the radical followers of the two schools, a circle of pluralist thinkers
                           tends to reconcile the opposing concepts. The author uses two
                           theorems in order to prove that the various interpretations of
                           probability do come into opposition and can be used in different
                           contexts. The goal here is to clarify the multi fold nature of probability
                           by means of a purely mathematical approach and to show

how philosophical arguments can only serve to deepen actual intellectual contrasts. The book can be considered as one of the most important contributions in the analysis of probability interpretation in the last 10-15 years.