

1. Record Nr.	UNINA9910300151303321
Autore	Rocchi Paolo
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 Logic, Symbolic and mathematical 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.

---