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0780.60005**de Finetti, Bruno****Induction and probability. Ed. by Paola Monari and Daniela Cocchi. (Probabilità e induzione. A cura di Paola Monari e Daniela Cocchi).** (Italian, English)

Bologna: Editrice CLUEB, xviii, 524 p. (1993).

This is the special issue of the journal “Statistica 52 (3. Suppl.) (1992)”.

Actually its format is that of a book: It contains the Italian original and the English translation of a collection of some of the most significant articles by Bruno de Finetti. The subjects dealt with are well expressed by the list of titles which follows: On the subjective meaning of probability; Differential laws and the renunciation of determinism; On the probability concept; Statistics and probability in R. von Mises' conception; The theory of probability in its relationships with analysis; Recent suggestions for the reconciliation of theories of probability; Equivalent events and the improper limit case; The notion of event; Mean of decisions and mean of opinions; Concepts on the “inductive behaviour” illustrated by an example; Evolution toward a synthesis; Bayesianism: its unifying role for both the foundations and the applications of statistics; The role of probability in the different attitudes of the scientific thinking; Bayesian statistical inference.

At the beginning of the book there are also a Preface by Italo Scardovi and two articles by Richard Jeffrey (de Finetti's radical probabilism) and Dario Fürst (de Finetti and the teaching of mathematics).

*R.Scozzafava (Roma)**Keywords* : subjective meaning of probability; probability in its relationships with analysis; Bayesianism; Bayesian statistical inference*Classification* :

\*60A99 Foundations of probability theory

00B60 Collections of reprinted articles

01A75 Collected or selected works

Cited in ...