1.	Record Nr.	UNINA9910585983303321
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	Titolo	The material theory of induction / / John D. Norton
	Pubbl/distr/stampa	Calgary, Alberta : , : University of Calgary Press, , [2021] ©2021
	ISBN	9781773852553 9781773852539
	Descrizione fisica	1 online resource (682 pages)
	Collana	BSPS Open ; ; v.1
	Disciplina	161
	Soggetti	Induction (Logic)
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di contenuto	Front Matter -- Contents -- Prolog -- The Material Theory of Induction Stated and Illustrated -- What Powers Inductive Inference? -- Replicability of Experiment -- Analogy -- Epistemic Virtues and Epistemic Values: A Skeptical Critique -- Simplicity as a Surrogate -- Simplicity in Model Selection -- Inference to the Best Explanation: The General Account -- Inference to the Best Explanation: Examples -- Why Not Bayes -- Circularity in the Scoring Rule Vindication of Probabilities -- No Place to Stand: The Incompleteness of All Calculi of Inductive Inference -- Infinite Lottery Machines -- Uncountable Problems -- Indeterministic Physical Systems -- A Quantum Inductive Logic -- Epilog -- Index
	Sommario/riassunto	The fundamental burden of a theory of inductive inference is to determine which are the good inductive inferences or relations of inductive support and why it is that they are so. The traditional approach is modeled on that taken in accounts of deductive inference. It seeks universally applicable schemas or rules or a single formal device, such as the probability calculus. After millennia of halting efforts, none of these approaches has been unequivocally successful and debates between approaches persist. The Material Theory of Induction identifies the source of these enduring problems in the assumption taken at the outset: that inductive inference can be accommodated by a single formal account with universal applicability.

Instead, it argues that that there is no single, universally applicable formal account. Rather, each domain has an inductive logic native to it. The content of that logic and where it can be applied are determined by the facts prevailing in that domain. Paying close attention to how inductive inference is conducted in science and copiously illustrated with real-world examples, The Material Theory of Induction will initiate a new tradition in the analysis of inductive inference.