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life

Appendix 2 The logic of discovery, problem solving and retrodution
Appendix 3 Herbert Simon's letters regarding Computable Economics; PART V Inductive reflections; 14 De-mystifying induction, falsification and other Popperian extravaganzas; 15 Re-reading Jevons's Principles of Science - induction redux; 16 Impossibility of effectively computable inductive policies in a complex dynamic economy; PART VI Concluding notes; 17 Epilogue - a research program for the algorithmic social sciences; Author index; Subject index

Sommario/riassunto

<P>Computable Foundations for Economics is a unified collection of essays, some of which are published here for the first time and all of which have been updated for this book, on an approach to economic theory from the point of view of algorithmic mathematics. By algorithmic mathematics the author means computability theory and constructive mathematics. This is in contrast to orthodox mathematical economics and game theory, which are formalised with the mathematics of real analysis, underpinned by what is called the ZFC formalism, i.e., set theory with the axiom of choice. This relia
