

The Routledge Companion to Thought Experiments



Edited by Michael T. Stuart, Yiftach Fehige and James Robert Brown

"The Routledge Companion to Thought Experiments is a valuable resource for anyone interested in thought experiments. It contains discussions of the identity and nature of thought experiments, their roles in different disciplines, the ways they figure in reasoning and representation, and their contributions to understanding."

Catherine Z. Elgin, *Harvard University, USA*

Thought experiments are a means of imaginative reasoning that lie at the heart of philosophy, from the pre-Socratics to the modern era, and they also play central roles in a range of fields, from physics to politics. *The Routledge Companion to Thought Experiments* is an invaluable guide and reference source to this multifaceted subject. Comprising over 30 chapters by a team of international contributors, the companion covers the following important areas:

- the history of thought experiments, from antiquity to the trolley problem and quantum non-locality;
- thought experiments in the humanities, arts, and sciences, including ethics, physics, theology, biology, mathematics, economics, and politics;
- theories about the nature of thought experiments;
- new discussions concerning the impact of experimental philosophy, cross-cultural comparison studies, metaphilosophy, computer simulations, idealization, dialectics, cognitive science, the artistic nature of thought experiments, and metaphysical issues.

This broad ranging companion goes backwards through history and sideways across disciplines. It also engages with philosophical perspectives from empiricism, rationalism, naturalism, skepticism, pluralism, contextualism, and neo-Kantianism to phenomenology. This volume will be valuable for anyone studying the methods of philosophy or any discipline that employs thought experiments, as well as anyone interested in the power and limits of the mind.

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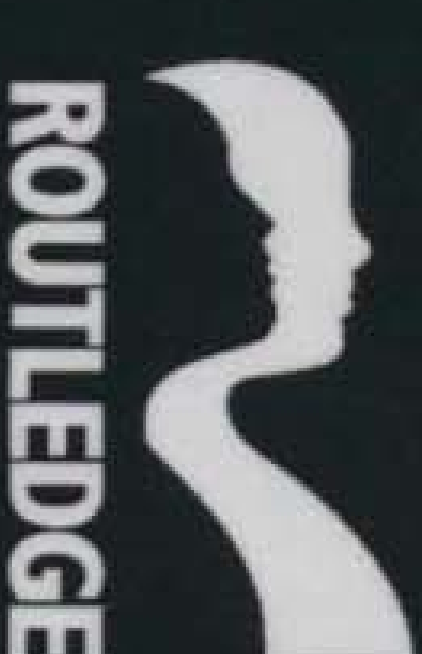
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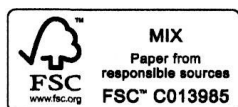
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