

## Scientific Concepts And Investigative Practice Berlin Studies In Knowledge Research

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### Scientific Concepts and Investigative Practice

Recent philosophy and history of science have seen a surge of interest in the role of concepts in scientific research. Combining philosophical and historical scholarship, the articles in this volume investigate the ways in which scientists form and use concepts, rather than in what the concepts themselves represent.

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Recent philosophy and history of science has seen a surge of interest in the role of concepts in scientific research. Scholars working in this new field focus on scientific concepts, rather than theories, as units of analysis and on the ways in which concepts are formed and used rather than on what they represent. They analyze what has traditionally been called the context of discovery, rather ...

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Frontmatter --Contents --Scientific Concepts and Investigative Practice: Introduction --Concept as Vessel and Concept as Use --Rethinking Scientific Concepts for Research Contexts: The Case of the Classical Gene --The Dynamics of Scientific Concepts: The Relevance of Epistemic Aims and Values --Goals and Fates of Concepts: The Case of Magnetic Poles --Mathematical Concepts and Investigative Practice --Experimentation and the Meaning of Scientific Concepts --Exploratory Experiments, Concept ...

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