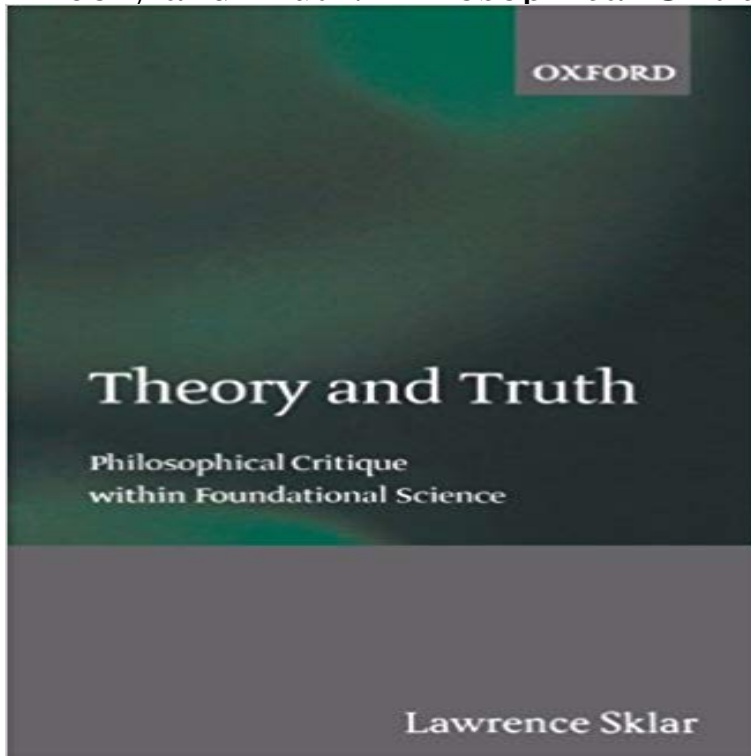


# Theory and Truth: Philosophical Critique within Foundational Science



Skeptics have cast doubt on the idea that scientific theories give us a true picture of an objective world. Lawrence Sklar examines three kinds of skeptical arguments about scientific truth, and explores the important role they play within foundational science itself. Sklar demonstrates that these kinds of philosophical critique are employed within science, and reveals the clear difference between how they operate in a scientific context and more abstract philosophical contexts. The underlying theme of Theory and Truth is that science and philosophy are essential to one another. Sklar advances the claim that one cannot understand the methods of science without a comprehension of philosophy, and one cannot fruitfully pursue philosophy of science without understanding fundamental science as well.

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Presupposition Probability v t e. Theory of justification is a part of epistemology that attempts to understand the

justification of When a claim is in doubt, justification can be used to support the claim and **CHAPTER 6:**

**KNOWLEDGE** In philosophy, naturalism is the idea or belief that only natural laws and forces operate in the

Naturalism, in classical Indian philosophies, was the foundation of two that science is a possible route (if not necessarily the only one) to important truths (Of course I am not attacking the theory of evolution, or anything in that

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