



Systematicity: The Nature of Science

By Hoyningen-Huene, Paul.

Oxford. 1 Cloth(s), 2013. hard. Book Condition: New. A philosopher of science and theoretical physicist, Paul Hoyningen-Huene here answers the question "What is science?" by proposing that scientific knowledge is primarily distinguished from other forms of knowledge, especially everyday knowledge, by being more systematic. He considers nine aspects of science in his discourse: descriptions, explanations, predictions, the defense of knowledge claims, critical discourse, epistemic connectedness, an ideal of completeness, knowledge generation, and the representation of knowledge. The book concludes with an exploration of some consequences of Hoyningen-Huene's view concerning the genesis and dynamics of science, the relationship of science and common sense, and the demarcation criterion between science and pseudo-science." A welcome contribution to the general philosophy of science. The research agenda for general philosophy of science has been shifting over the last three decades as many philosophers of science have focused on issues in the philosophy of the special sciences, philosophy of physics, philosophy of biology, and the like. In Systematicity, Hoyningen-Huene shows that there is still important and interesting work to be done in general philosophy of science. One leaves the book with a deeper appreciation for the nature of science, as the subtitle suggests, and why science rightly...



Reviews

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