

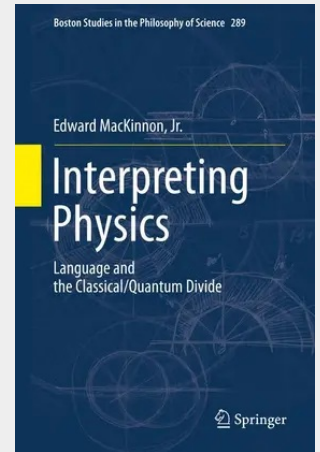
MacKinnon

Interpreting Physics

Language and the Classical/Quantum Divide

This book is the first to offer a systematic account of the role of language in the development and interpretation of physics. An historical-conceptual analysis of the co-evolution of mathematical and physical concepts leads to the classical/quantum interface. Bohrian orthodoxy stresses the indispensability of classical concepts and the functional role of mathematics. This book analyses ways of extending, and then going beyond this orthodoxy orthodoxy. Finally, the book analyzes how a revised interpretation of physics impacts on basic philosophical issues: conceptual revolutions, realism, and reductionism.

This book is the first to offer a systematic account of the role of language in the development and interpretation of physics. An historical-conceptual analysis of the co-evolution of mathematical and physical concepts leads to the classical/quantum interface. Bohrian orthodoxy stresses the indispensability of classical concepts and the functional role of mathematics. This book analyses ways of extending, and then going beyond this orthodoxy orthodoxy. Finally, the book analyzes how a revised interpretation of physics impacts on basic philosophical issues: conceptual revolutions, realism, and reductionism.



106,99 €

99,99 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9789400723689

Medium: Buch

ISBN: 978-94-007-2368-9

Verlag: Springer Netherlands

Erscheinungstermin: 24.11.2011

Sprache(n): Englisch

Auflage: 2012

Serie: Boston Studies in the Philosophy and History of Science

Produktform: Gebunden

Gewicht: 594 g

Seiten: 270

Format (B x H): 160 x 241 mm

