Record Nr.	UNISA996466740603316
Autore	Grodzicki Michael
Titolo	Physical reality construction or discovery? : an introduction to the methodology and aims of physics / / Michael Grodzicki
Pubbl/distr/stampa	Cham, Switzerland : , : Springer, , [2021] ©2021
ISBN	3-030-74579-1
Edizione	[1st ed. 2021.]
Descrizione fisica	1 online resource (VIII, 333 p. 2 illus.)
Disciplina	530
Soggetti	Physics - Methodology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	The Worldview of Physics I: Presuppositions Methodology of Physics The Structure of Physical Theories Theory and Experience The Worldview of Physics II: Implications.
Sommario/riassunto	This book provides a well-grounded account of the methodology of physics, the structure of physical knowledge and theories, and in particular of the relations between theory and experience. An important feature of the book is that all its essential conclusions are elucidated with the help of representative examples from theoretical, molecular and solid state physics. All young physicists as well as physics teachers will find here valuable insights into the philosophy and tools of their trade.

1.