

1. Record Nr.	UNINA9910789532303321
Autore	Esfeld Michael
Titolo	Conservative reductionism / / Michael Esfeld and Christian Sachse
Pubbl/distr/stampa	New York : , : Routledge, , 2011
ISBN	1-136-72849-X 1-283-15111-1 9786613151117 1-136-72850-3 0-203-81734-6
Descrizione fisica	1 online resource (212 p.)
Collana	Routledge studies in the philosophy of science ; ; 8
Altri autori (Persone)	SachseChristian
Disciplina	501
Soggetti	Reductionism Science - Philosophy
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references (p. [177]-196) and indexes.
Nota di contenuto	The dilemma of functionalism -- The metaphysics of causal structures -- The theory of evolution and causal structures in biology -- Case study: classical and molecular genetics -- Conservative functional reduction.
Sommario/riassunto	Conservative Reductionism sets out a new theory of the relationship between physics and the special sciences within the framework of functionalism. It argues that it is wrong-headed to conceive an opposition between functional and physical properties (or functional and physical descriptions, respectively) and to build an anti-reductionist argument on multiple realization. By contrast, (a) all properties that there are in the world, including the physical ones, are functional properties in the sense of being causal properties, and (b) all true descriptions (laws, theories) that the