

1. Record Nr.	UNINA9910788532703321
Autore	Krieger Martin H
Titolo	Doing physics [[electronic resource]] : how physicists take hold of the world // Martin H. Krieger
Pubbl/distr/stampa	Bloomington, : Indiana University Press, c2012
ISBN	1-283-62986-0 0-253-00608-2 9786613942319
Edizione	[2nd ed.]
Descrizione fisica	1 online resource (248 p.)
Disciplina	530.092/2
Soggetti	Ethnology Physicists Physics - Methodology Physics - Philosophy Science - Social aspects
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 and index.
Nota di contenuto	Cover; DOING PHYSICS; Title; Copyright; Dedication; Contents; PREFACE; 1 THE DIVISION OF LABOR: THE FACTORY; 2 TAKING APART AND PUTTING TOGETHER: THE CLOCKWORKS, THE CALCULUS, AND THE COMPUTER; 3 FREEDOM AND NECESSITY: FAMILY AND KINSHIP; 4 THE VACUUM AND THE CREATION: SETTING A STAGE; 5 HANDLES, PROBES, AND TOOLS: A RHETORIC OF NATURE; 6 PRODUCTION MACHINERY: MATHEMATICS FOR ANALYSIS AND DESCRIPTION; 7 AN EPITOME; NOTES; INDEX
Sommario/riassunto	Doing Physics makes concepts of physics easier to grasp by relating them to everyday knowledge. Addressing some of the models and metaphors that physicists use to explain the physical world, Martin H. Krieger describes the conceptual world of physics by means of analogies to economics, anthropology, theater, carpentry, mechanisms such as clockworks, and machine tool design. The interaction of elementary particles or chemical species, for example, can be related to the theory of kinship-who can marry whom is like what can interact with what. Likewise, the description of physical situations i

