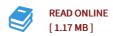




The Philosophy of Science and Engineering Design

By Eck, Dingmar van

Condition: New. Publisher/Verlag: Springer, Berlin | This book discusses the relationship between the philosophy of science and philosophy of engineering, and demonstrates how philosophers of engineering design as well as design researchers can benefit from the conceptual toolkit that the philosophy of science has to offer. In this regard, it employs conceptual tools from the philosophical literature on scientific explanation to address key issues in engineering design and philosophy of engineering design. Specifically, the book focuses on assessing the explanatory value of function ascriptions used in engineering design and philosophy of technical functions; on elaborating the structure of explanation in engineering design; on assessing the role and value of design representations in engineering design and philosophy thereof; and on elaborating means for the testing of design methods. Presenting a novel and effective approach to tackling key issues in the field, philosophers of engineering and design alike will greatly benefit from this book. | Introduction Chapter 1: Function ascription and explanation: elaborating an explanatory utility desideratum for ascriptions of technical functions 1 Introduction 2 Functional vs. teleological explanation: why was artifact x produced? 2.1. The ICE theory of technical functions 2.2. Heuristics of technical function ascriptions 3 Malfunction explanation 3.1 malfunction analysis: an...



Reviews

It in a single of my personal favorite ebook. Better then never, though i am quite late in start reading this one. I am effortlessly will get a satisfaction of reading a published ebook.

-- Ms. Lavada Krajcik

Comprehensive guideline for book lovers. It can be filled with knowledge and wisdom I realized this publication from my dad and i suggested this pdf to find out.

-- Ted Schumm

See Also



Kindergarten Culture in the Family and Kindergarten; A Complete Sketch of Froebel's System of Early Education, Adapted to American Institutions, for the Use of Mothers and Teachers

Rarebooksclub.com, United States, 2012. Paperback. Book Condition: New. 246 x 189 mm. Language: English. Brand New Book ***** Print on Demand *****. This historic book may have numerous typos and missing text. Purchasers can download a free scanned copy of the original...



Art appreciation (travel services and hotel management professional services and management expertise secondary vocational education teaching materials supporting national planning book)(Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Pages Number: 146 Publisher: Higher Education Pub. Date: 2009-07-01 version 2. This book is a secondary vocational education and management of...



Children s Handwriting Book of Alphabets and Numbers: Over 4,000 Tracing Units for the Beginning Writer

Createspace, United States, 2015. Paperback. Book Condition: New. 254 x 203 mm. Language: English . Brand New Book ***** Print on Demand *****. The Children's Handwriting Book of Alphabets and Numbers provides extensive focus on alphabet tracing and number tracing for the...



Genuine] kindergarten curriculum theory and practice(Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Paperback. Pub Date: 2011-07 Publisher: East China Normal University Press Introduction Jiaxiong. Huang Jin. Li Zhao Cun. Zhang Jie. written by...



Third grade - students fun reading and writing training

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Pages Number: 171 Publisher: Shanghai Far East Publishing House Pub. Date: 2010-8-1. First. the layout of the book is organized sound...



The Tale of Jemima Puddle-Duck - Read it Yourself with Ladybird: Level

2

Penguin Books Ltd. Paperback. Book Condition: new. BRAND NEW, The Tale of Jemima Puddle-Duck - Read it Yourself with Ladybird: Level 2, This is a gentle adaptation of the classic tale by Beatrix Potter. Jemima Puddle-Duck wants to lay and hatch her...