Science without Laws: Model Systems, Cases, Exemplary Narratives (Science and Cultural Theory)

Science without Laws: Model Systems, Cases, Exemplary Narratives (Science and Cultural Theory)

Science without Laws: Model Systems, Cases, Exemplary Narratives (Science and Cultural Theory)
Physicists regularly invoke universal laws, such as those of motion and electromagnetism, to explain events. Biological and medical scientists have no such laws. How then do they acquire a reliable body of knowledge about biological organisms and human disease? One way is by repeatedly returning to, manipulating, observing, interpreting, and reinterpreting certain subjects—such as flies, mice, worms, or microbes—or, as they are known in biology, "model systems." Across the natural and social sciences, other disciplinary fields have developed canonical examples that have played a role comparable to that of biology's model systems, serving not only as points of reference and illustrations of general principles or values but also as sites of continued investigation and reinterpretation. The essays in this collection assess the scope and function of model objects in domains as diverse as biology, geology, and history, attending to differences between fields as well as to epistemological commonalities.

Contributors examine the role of the fruit fly *Drosophila* and nematode worms in biology, troops of baboons in primatology, box and digital simulations of the movement of the earth's crust in geology, and meteorological models in climatology. They analyze the intensive study of the prisoner's dilemma in game theory, ritual in anthropology, the individual case in psychoanalytic research, and Athenian democracy in political theory. The contributors illuminate the processes through which particular organisms, cases, materials, or narratives become foundational to their fields, and they examine how these foundational exemplars—from the fruit fly to Freud's Dora—shape the knowledge produced within their disciplines.

Contributors
Rachel A. Ankeny
Angela N. H. Creager
Amy Dahan Dalmedico
John Forrester
Clifford Geertz
Carlo Ginzburg
E. Jane Albert Hubbard
Elizabeth Lunbeck
Mary S. Morgan
Josiah Ober
Naomi Oreskes
Susan Sperling
Marcel Weber
M. Norton Wise

Download and Read Free Online Science without Laws: Model Systems, Cases, Exemplary Narratives (Science and Cultural Theory)

From reader reviews:

Sylvester Wedding:

What do you in relation to book? It is not important to you? Or just adding material when you want something to explain what your own problem? How about your free time? Or are you busy individual? If you don't have spare time to perform others business, it is make you feel bored faster. And you have spare time? What did you do? All people has many questions above. They have to answer that question since just their can do that. It said that about book. Book is familiar in each person. Yes, it is proper. Because start from on guardería until university need that Science without Laws: Model Systems, Cases, Exemplary Narratives (Science and Cultural Theory) to read.

Elmer August:

Nowadays reading books become more and more than want or need but also get a life style. This reading addiction give you lot of advantages. The huge benefits you got of course the knowledge the particular information inside the book which improve your knowledge and information. The data you get based on what kind of reserve you read, if you want have more knowledge just go with schooling books but if you want truly feel happy read one using theme for entertaining including comic or novel. The particular Science without Laws: Model Systems, Cases, Exemplary Narratives (Science and Cultural Theory) is kind of book which is giving the reader unpredictable experience.

Marcia Ogburn:

This Science without Laws: Model Systems, Cases, Exemplary Narratives (Science and Cultural Theory) usually are reliable for you who want to be described as a successful person, why. The main reason of this Science without Laws: Model Systems, Cases, Exemplary Narratives (Science and Cultural Theory) can be among the great books you must have is definitely giving you more than just simple reading through food but feed a person with information that maybe will shock your preceding knowledge. This book will be handy, you can bring it everywhere you go and whenever your conditions at e-book and printed people. Beside that this Science without Laws: Model Systems, Cases, Exemplary Narratives (Science and Cultural Theory) giving you an enormous of experience including rich vocabulary, giving you trial run of critical thinking that we all know it useful in your day activity. So , let's have it and luxuriate in reading.

Trina Durham:

Publication is one of source of information. We can add our know-how from it. Not only for students but in addition native or citizen want book to know the update information of year to help year. As we know those publications have many advantages. Beside most of us add our knowledge, may also bring us to around the world. From the book Science without Laws: Model Systems, Cases, Exemplary Narratives (Science and Cultural Theory) we can acquire more advantage. Don't you to definitely be creative people? To get creative person must like to read a book. Merely choose the best book that suitable with your aim. Don't possibly be

doubt to change your life by this book Science without Laws: Model Systems, Cases, Exemplary Narratives (Science and Cultural Theory). You can more inviting than now.

Download and Read Online Science without Laws: Model Systems, Cases, Exemplary Narratives (Science and Cultural Theory) #TFNW1U7ZIJE

Read Science without Laws: Model Systems, Cases, Exemplary Narratives (Science and Cultural Theory) for online ebook

Science without Laws: Model Systems, Cases, Exemplary Narratives (Science and Cultural Theory) Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Science without Laws: Model Systems, Cases, Exemplary Narratives (Science and Cultural Theory) books to read online.

Online Science without Laws: Model Systems, Cases, Exemplary Narratives (Science and Cultural Theory) ebook PDF download

Science without Laws: Model Systems, Cases, Exemplary Narratives (Science and Cultural Theory) Doc

Science without Laws: Model Systems, Cases, Exemplary Narratives (Science and Cultural Theory) Mobipocket

Science without Laws: Model Systems, Cases, Exemplary Narratives (Science and Cultural Theory) EPub