



Forces of Production

David F Noble

Download now

[Click here](#) if your download doesn't start automatically

Forces of Production

David F Noble

Forces of Production David F Noble

Focusing on the design and implementation of computer-based automatic machine tools, David F. Noble challenges the idea that technology has a life of its own. Technology has been both a convenient scapegoat and a universal solution, serving to disarm critics, divert attention, depoliticize debate, and dismiss discussion of the fundamental antagonisms and inequalities that continue to beset America. This provocative study of the postwar automation of the American metal-working industry—the heart of a modern industrial economy—explains how dominant institutions like the great corporations, the universities, and the military, along with the ideology of modern engineering shape, the development of technology.

Noble shows how the system of "numerical control," perfected at the Massachusetts Institute of Technology (MIT) and put into general industrial use, was chosen over competing systems for reasons other than the technical and economic superiority typically advanced by its promoters. Numerical control took shape at an MIT laboratory rather than in a manufacturing setting, and a market for the new technology was created, not by cost-minded producers, but instead by the U. S. Air Force. Competing methods, equally promising, were rejected because they left control of production in the hands of skilled workers, rather than in those of management or programmers.

Noble demonstrates that engineering design is influenced by political, economic, managerial, and sociological considerations, while the deployment of equipment—illustrated by a detailed case history of a large General Electric plant in Massachusetts—can become entangled with such matters as labor classification, shop organization, managerial responsibility, and patterns of authority. In its examination of technology as a human, social process, *Forces of Production* is a path-breaking contribution to the understanding of this phenomenon in American society.

 [Download Forces of Production ...pdf](#)

 [Read Online Forces of Production ...pdf](#)

Download and Read Free Online Forces of Production David F Noble

From reader reviews:

Deloras Pinkston:

Inside other case, little persons like to read book Forces of Production. You can choose the best book if you like reading a book. As long as we know about how is important a book Forces of Production. You can add expertise and of course you can around the world by just a book. Absolutely right, simply because from book you can recognize everything! From your country until foreign or abroad you can be known. About simple point until wonderful thing you may know that. In this era, we could open a book as well as searching by internet product. It is called e-book. You can use it when you feel weary to go to the library. Let's study.

Brent Thompson:

The actual book Forces of Production has a lot info on it. So when you read this book you can get a lot of benefit. The book was published by the very famous author. Tom makes some research prior to write this book. This particular book very easy to read you can obtain the point easily after reading this article book.

Mark Armstrong:

Is it an individual who having spare time in that case spend it whole day simply by watching television programs or just resting on the bed? Do you need something new? This Forces of Production can be the answer, oh how comes? It's a book you know. You are thus out of date, spending your time by reading in this brand-new era is common not a geek activity. So what these textbooks have than the others?

Rose Engle:

In this particular era which is the greater person or who has ability to do something more are more treasured than other. Do you want to become considered one of it? It is just simple method to have that. What you must do is just spending your time not much but quite enough to experience a look at some books. Among the books in the top list in your reading list is actually Forces of Production. This book that is certainly qualified as The Hungry Inclines can get you closer in growing to be precious person. By looking upwards and review this book you can get many advantages.

Download and Read Online Forces of Production David F Noble #B0CDH84TMQ9

Read Forces of Production by David F Noble for online ebook

Forces of Production by David F Noble 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 Forces of Production by David F Noble books to read online.

Online Forces of Production by David F Noble ebook PDF download

Forces of Production by David F Noble Doc

Forces of Production by David F Noble MobiPocket

Forces of Production by David F Noble EPub