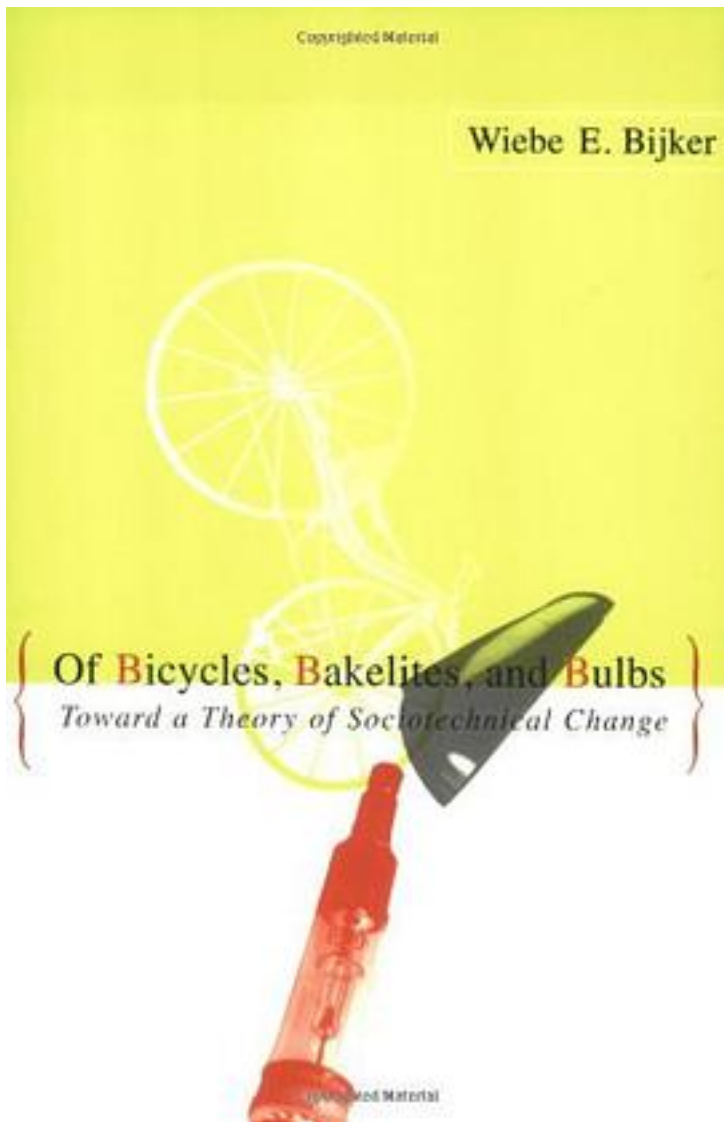


Of Bicycles, Bakelites, and Bulbs



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著者:Wiebe E. Bijker

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This book crystallizes and extends the important work Wiebe Bijker has done in the last decade to found a full-scale theory of sociotechnical change that describes where technologies come from and how societies deal with them. *Of Bicycles, Bakelites, and Bulbs* integrates detailed case studies with theoretical generalizations and political analyses to offer a fully rounded treatment both of the relations between technology and society and of the issues involved in sociotechnical change. The stories of the safety bicycle, the first truly synthetic plastic, and the fluorescent light bulb - each a fascinating case study in itself - reflect a cross section of time periods, engineering and scientific disciplines, and economic, social, and political cultures. The bicycle story explores such issues as the role of changing gender relationships in shaping a technology; the Bakelite story examines the ways in which social factors intrude even in cases of seemingly pure chemistry and entrepreneurship; and the fluorescent bulb story offers insights into the ways in which political and economic relationships can affect the form of a technology. Bijker's method is to use these case studies to suggest theoretical concepts that serve as building blocks in a more and more inclusive theory, which is then tested against further case studies. His main concern is to create a basis for science, technology, and social change that uncovers the social roots of technology, making it amenable to democratic politics. *Inside Technology series*

作者介绍:

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标签

原版

设计

经济学

评论

Textbook for Human-Centered Computing, a 1st year PhD course.

技术社会史/社会研究关键作品。以历史叙述为主轴，穿插介绍分析概念和框架的写作体例值得借鉴。总的来说从三个例子里示范了非常具有操作性的技术-社会研究框架，“symmetrical analysis”、“interpretative flexibility”几乎成为必须遵守的视角

实际上比起前面那个SCOTS（即 school bus book），这一本里面的解析更加细致，框架也更加完整。当然也并不好读就是了……

只在课上读过节选，依旧很精彩。STS入门经典

超级难懂的，非常抽象。但是很有用。

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书评

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