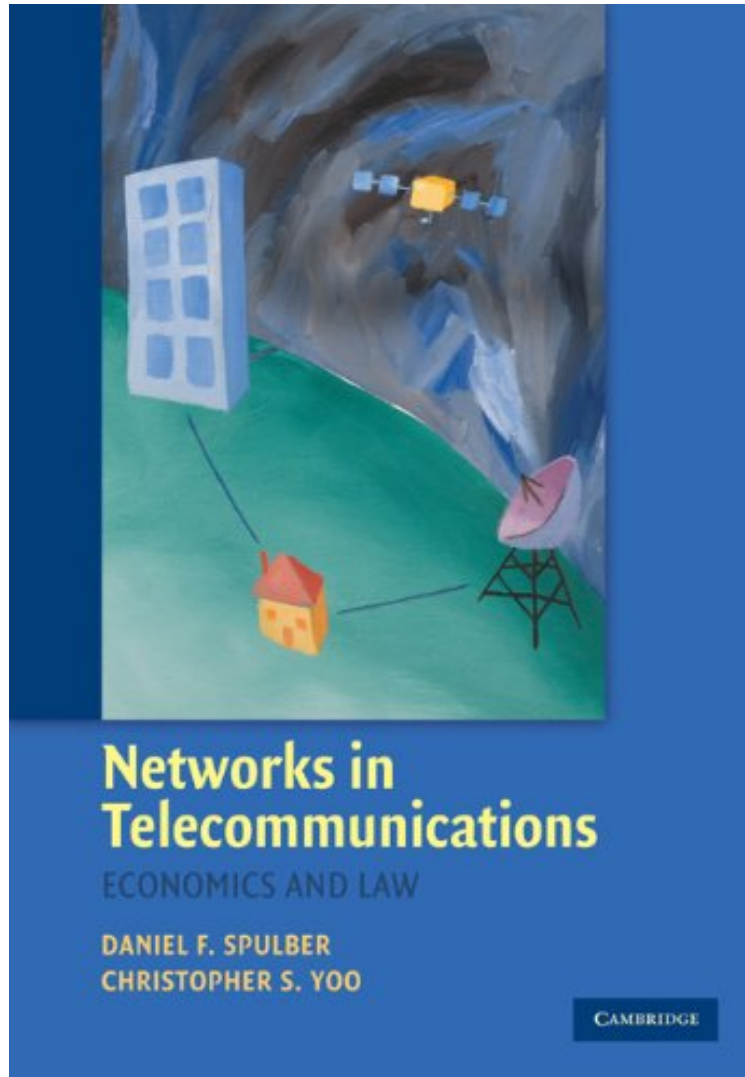


Networks in Telecommunications: Economics and Law

Daniel F. Spulber, Christopher S. Yoo

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Daniel F. Spulber, Christopher S. Yoo : Networks in Telecommunications: Economics and Law before purchasing it in order to gauge whether or not it would be worth my time, and all praised Networks in Telecommunications: Economics and Law:

0 of 0 people found the following review helpful. good. thank youBy Do-hoon Kimit's good. little bit out-dated though. those kinds of subjects are not common in this area of research. so.. i like it.

Networks in Telecommunications addresses fundamental issues in discussions of regulatory policy by offering an integrated framework for understanding the economics and law of networks. It extends theories on network design associated with the mathematics of graph theory, which provides insights into the complex, systemic interrelationship

between network components. It also applies the principles of transaction cost economics to analyze decisions about the appropriate boundaries of proprietary network architecture. The book introduces network theory to the study of the economics and law of telecommunications. The discussion opens up the black box of the cost function in telecommunications. The analysis also goes beyond the 'network externalities' approach that focuses primarily on the size of networks. The book highlights the effects of network architecture and the tradeoffs inherent in network design.

"Setting the terms and conditions at which competitors gain access to another firm's network is today's key regulatory issue in many sectors. The authors' technically innovative approach and their deep grasp of market economics present a major challenge to current thinking, which has to be confronted." - Martin Cave, Director, Centre for Management under Regulation, University of Warwick

"Spulber and Yoo have made a signal contribution to the burgeoning literature on network industries. Their ability to carry the analysis forward from the fundamentals of graph theory to the complex legal issues that surround the development of modern communications law offers a soup-to-nuts treatment of immense value to economists, lawyers, and policy makers of all stripes. By showing the extensive role of markets in these complex environments, Spulber and Yoo may help reverse the creeping trend toward overregulation captured in such misleading phrases as network neutrality." - Richard Epstein, James Parker Hall Distinguished Service Professor of Law, and Director, Law and Economics Program, University of Chicago

"For a technologist who tries to operate in the policy and legal space, this book provides a painless and deep introduction to the economic and legal underpinnings of the network domain. It accomplishes this task in a manner that provides a comfortable mathematical and descriptive exploration that can be easily understood and appreciated. I can strongly recommend this book to my colleagues who find the normal descriptions of law and economics to be as confusing to a technologist as most technical books are to a lawyer and economist." - David Farber, Distinguished Career Professor of Computer Science and Public Policy, Carnegie Mellon University

"Come explore the frontiers of law and economics for telecommunications with Professors Spulber and Yoo. A must-read for issues ranging from access pricing to network neutrality." - Harold Furchtgott-Roth, President, Furchtgott-Roth Economic Enterprises, and former Commissioner, Federal Communications Commission

"Spulber and Yoo provide a provocative and innovative perspective on pricing in network industries. By opening the black box of networks, the authors provide important new insights for researchers and policy makers alike. Superb exposition renders sophisticated discussions broadly accessible. A must-read!" - David Sappington, Director, Public Policy Research Center, University of Florida

"This challenging book provides an important advance in the legal and economic analysis of networks. It convincingly critiques the failure of regulatory policy to consider networks as integrated and interactive systems and sets out a thought-provoking framework for understanding the economic interactions among the components of a given network structure. This is a valuable contribution for network scholars and policy makers alike." - Howard Shelanski, Director, Berkeley Center for Law Technology, University of California at Berkeley

"The authors brilliantly succeed in providing novel insights into the complexity of telecommunications networks. They use an intuitive and illustrative approach well accessible to nontechnical readers. Many counterintuitive examples show interferences of access regulation and competition with efficient network planning. The insights are highly relevant for academics, practitioners, and regulators. The analysis suggests that regulators may want to proceed carefully and that more research on the economic effects of network topologies will be a fruitful undertaking." - Ingo Vogelsang, Boston University

"Spulber and Yoo's major contribution is to demonstrate quite simply, but clearly, how network efficiency and capacity can be disrupted if the network owner loses control over traffic flows.... it will prove to be a useful resource for regulatory economists and for lawyers bent on challenging ambitious regulators." - Robert W. Crandall, The Brookings Institution, *Journal of Economic Literature*

About the Author Daniel F. Spulber is the Elinor Hobbs Distinguished Professor of International Business and Professor of Management Strategy at the Kellogg School of Management, where he has taught since 1990. He is also Professor of Law at the Northwestern University School of Law (Courtesy). Founding editor of the *Journal of Economics and Management Strategy*, Professor Spulber has received eight National Science Foundation grants, three Searle Fund grants, and two Ewing Marion Kauffman Foundation grants for economic research. Founder of Kellogg's International Business and Markets Program, his current research is in the area of international economics, industrial organization, management strategy, and law. He is the author of 11 other books, including *The Theory of the Firm: Microeconomics with Endogenous Entrepreneurs, Firms, Markets, and Organization* (2009), *Global Competitive Strategy* (2007), *Market Microstructure: Intermediaries and the Theory of the Firm* (1999), and *Deregulatory Takings and the Regulatory Contract: The Competitive Transformation of Network Industries in the United States* (with J. Gregory Sidak, 1997), all from Cambridge University Press, and *Management Strategy* (2004), *The Market Makers* (1998), and *Regulation and Markets* (1989). Christopher S. Yoo is Professor of Law and Founding Director of the Center for Technology, Innovation, and Competition at the University of Pennsylvania Law School. He is also Professor of Communication at the Annenberg School for Communication at the University of Pennsylvania (Courtesy). Formerly Professor of Law at Vanderbilt University, he was also Founding Director there of the Technology and Entertainment Law program. Professor Yoo earlier clerked for Justice Anthony M. Kennedy of the Supreme Court of the United States and Judge A. Raymond Randolph of the U.S. Court of Appeals for the D.C.

Circuit. He coauthored *The Unitary Executive: Presidential Power from Washington to Bush* (2008) (with Steven G. Calabresi) and has written more than two dozen book chapters and articles in the *Columbia Law Review*, *New York University Law Review*, *University of Pennsylvania Law Review*, *Cornell Law Review*, and *Northwestern University Law Review*, as well as the *Harvard Journal of Law and Technology* and the *Yale Journal of Regulation*, among others. Professor Yoo's research focuses primarily on how technological innovation and economic theories of imperfect competition are transforming the regulation of the Internet, representing a leading voice in the debate over network neutrality.