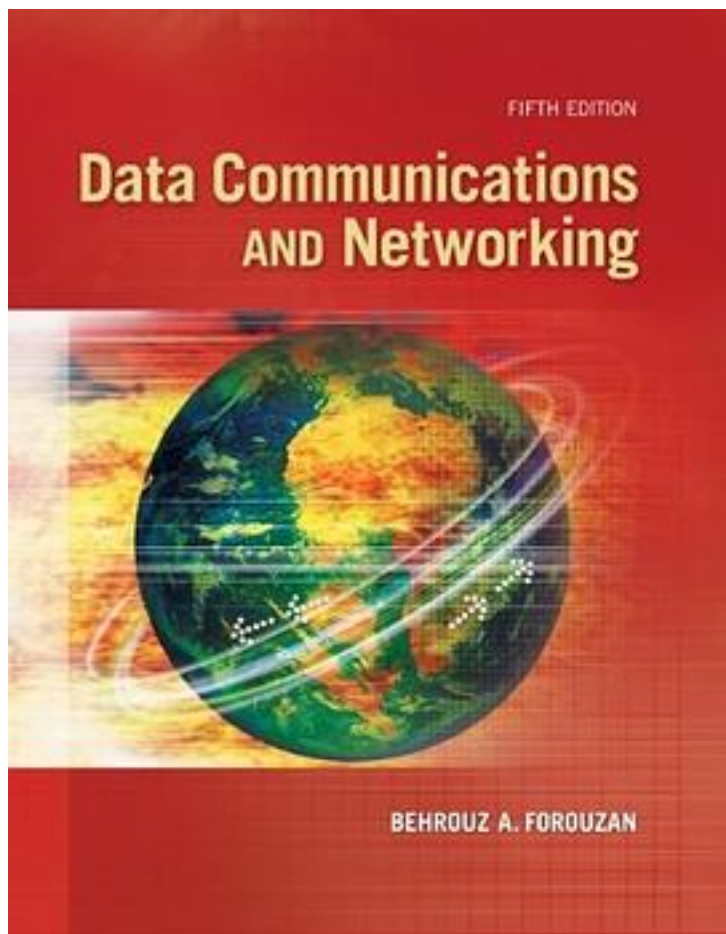


# Data Communications and Networking



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出版者:

出版时间:2012-2

装帧:

isbn:9780073376226

"Data Communications and Networking" is designed to help students understand the basics of data communications and networking, and the protocols used in the Internet in particular by using the protocol layering of the Internet and TCP/IP protocol suite.

Technologies related to data communication and networking may be the fastest growing in today's culture. The appearance of some new social networking applications is a testimony to this claim. In this Internet-oriented society, specialists need to be trained to run and manage the Internet, part of the Internet, or an organization's network that is connected to the Internet. As both the number and types of students are increasing, it is essential to have a textbook that provides coverage of the latest advances, while presenting the material in a way that is accessible to students with little or no background in the field. Using a bottom-up approach, "Data Communications and Networking" presents this highly technical subject matter without relying on complex formulas by using a strong pedagogical approach supported by more than 830 figures. Now in its Fifth Edition, this textbook brings the beginning student right to the forefront of the latest advances in the field, while presenting the fundamentals in a clear, straightforward manner. Students will find better coverage, improved figures and better explanations on cutting-edge material. The "bottom-up" approach allows instructors to cover the material in one course, rather than having separate courses on data communications and networking.

作者介绍:

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标签

计算机科学

网络通信

数据通信与网络

network

CS

CS

## 评论

示意图画得特别好。总结分类棒棒棒.application layer 跳过

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14-740辅导/Danny节选

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9/10 easy to understand each layer of the network

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@2019-12-24 15:57:46

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## 书评

在看本书之前，看了Tanenbaum的《计算机网络》第五版，但是感觉不具备某些基础知识，省略的地方多有不明，因此选择了这本书，简直是对症下药，各种各样的概念解释简明扼要，通篇没有任何的废话。  
虽说瑕不掩瑜，但是还是发现不少翻译中的错误，比如原书第四版中译本（机械工业...

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基本概念讲解的很清楚；基本上都是介绍性的描述，没有什么深入的地方；对初学者来说非常适合。  
需要说明的是，这本书很厚，字很小，不太适合通读。我觉得可以把它当成字典用，遇到某些名词或者术语搞不清楚的时候，就到了它发挥作用的时候了：)

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