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| **Author(s) Name:** | Mohammad Nasir Uddin | | |
| **Contact Email(s):** | drnasir@aiub.edu | | |
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| **Abstract:** |  |
| This book will discuss the functionality of each access method (FDMA, TDMA and CDMA), the advantages, disadvantages, efficiency, implementation issues of each technology, and various forms of implementation for each technology. FDMA and TDMA are currently being used to support conventional and trunked radio systems, as well as commercial cellular systems. CDMA is being used primarily in cellular systems at this time. Access methods selection criterion is discussed to explain what should be considered to choose an appropriate access method. Some easy to understand tables are given to provide the reader a general overview of how each technology differs. Next, a comparison is made between the technologies followed by a discussion of the primary benefits each technology offers to mobile networks. Finally, the report presents a case study on San Francisco Bay area mobile networks. You must read this book if you are a telecom engineer, manager, or developer who wants to survive professionally in a converged world and for those who wants to know how different access method works, their advantages, suitability and implementation issues. | |