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246     14$aPIMRC'97 Proceedings
246     18$a1997 Eighth IEEE International Symposium on Personal, Indoor and Mobile Radio Communications
246     30$aPersonal, indoor and mobile radio communications
246     3#$a8th IEEE International Symposium on Personal, Indoor and Mobile Radio Communications PIMRC'97
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Kaiser, S., & Fazel, K., (1997, September), “A flexible spread-spectrum multi-carrier multiple-access system for multi-media applications,” in *Proceedings of 8th International Symposium on Personal, Indoor and Mobile Radio Communications-PIMRC'97*, vol. 1, pp. 100-104.

Citations from 1999 and 2000 (in chronological order)

Matsutani, H., & Nakagawa, M., (1999, February), "Multi-carrier DS-CDMA using frequency spread coding," *1999 IEEE International Conference on Personal Wireless Communications (Cat. No.99TH8366)*, Jaipur, India, 1999, pp. 244-248.

Gui, X., & Ng, T. S. (1999, July). Performance of asynchronous orthogonal multicarrier CDMA system in frequency selective fading channel. *IEEE Transactions on Communications*, *47*(7), 1084-1091.

Ikonomou, D., & Vandendorpe, L. (1999, September). A fractionally spaced DF equalisation scheme performing joint detection for MC-CDMA transmissions. In *Gateway to 21st Century Communications Village. VTC 1999-Fall. IEEE VTS 50th Vehicular Technology Conference (Cat. No. 99CH36324)* (Vol. 2, pp. 1150-1154). IEEE.

Natarajan, B., & Nassar, C. R. (2000, September). Introducing novel FDD and FDM in MC-CDMA to enhance performance. In *RAWCON 2000. 2000 IEEE Radio and Wireless Conference (Cat. No. 00EX404)* (pp. 29-32). IEEE.

Giannakis, G., Anghel, P.A., Wang, Z., & Scaglione, A., (2000), “Generalized Multi-Carrier CDMA for MUI/ISI-Resilient Uplink Transmissions Irrespective of Frequency-Selective Multipath,” in Fazel, K., Kaiser, S. (eds) *Multi-Carrier Spread Spectrum & Related Topics*. Springer, Boston, MA.

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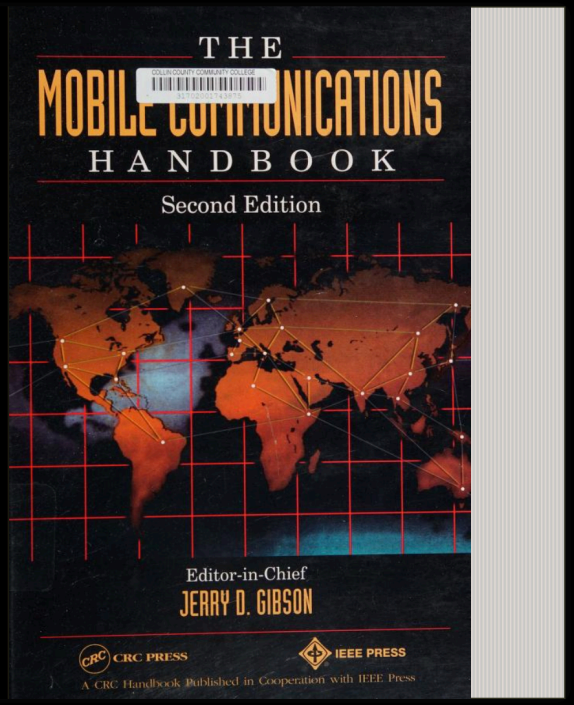
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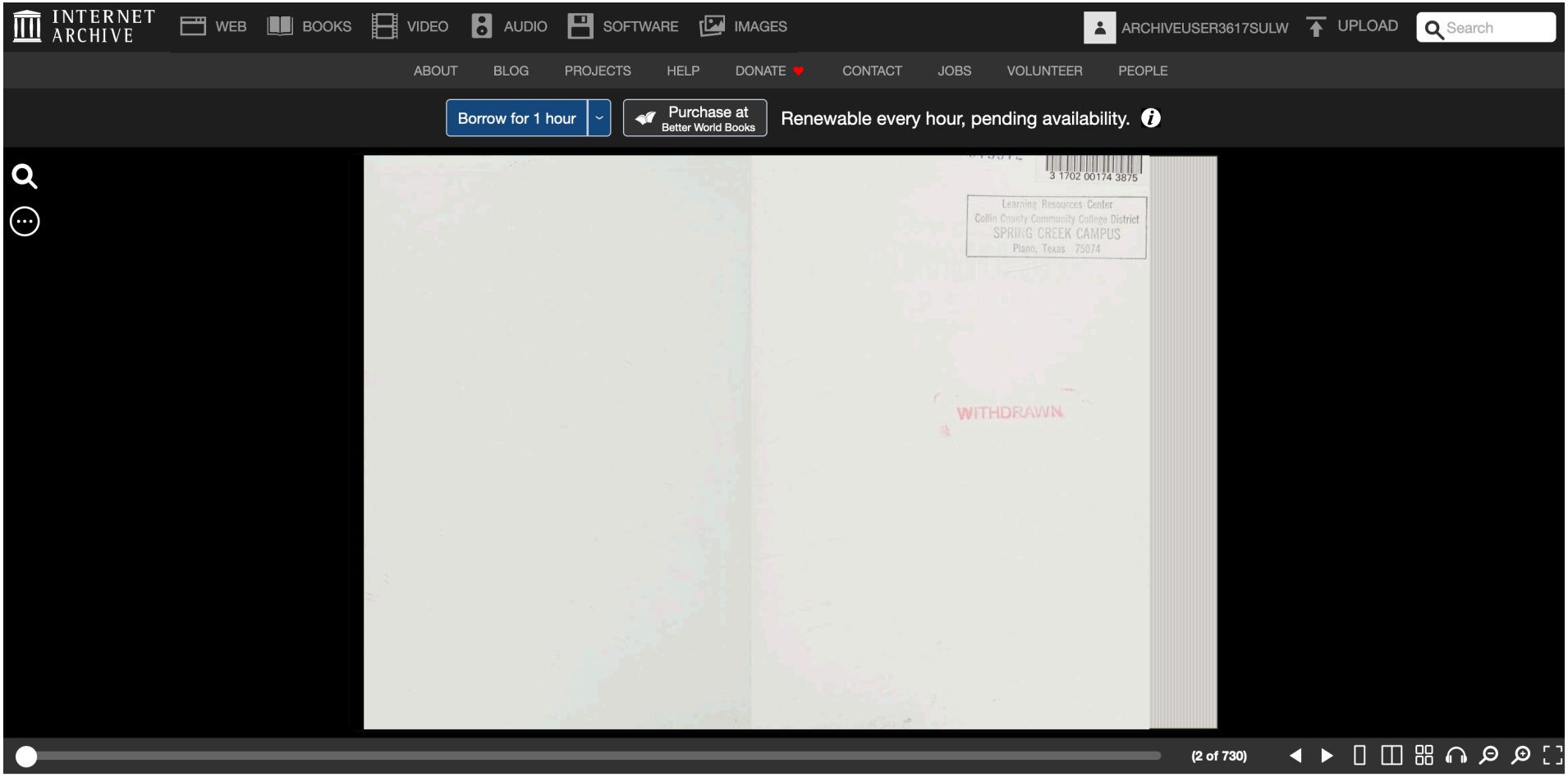
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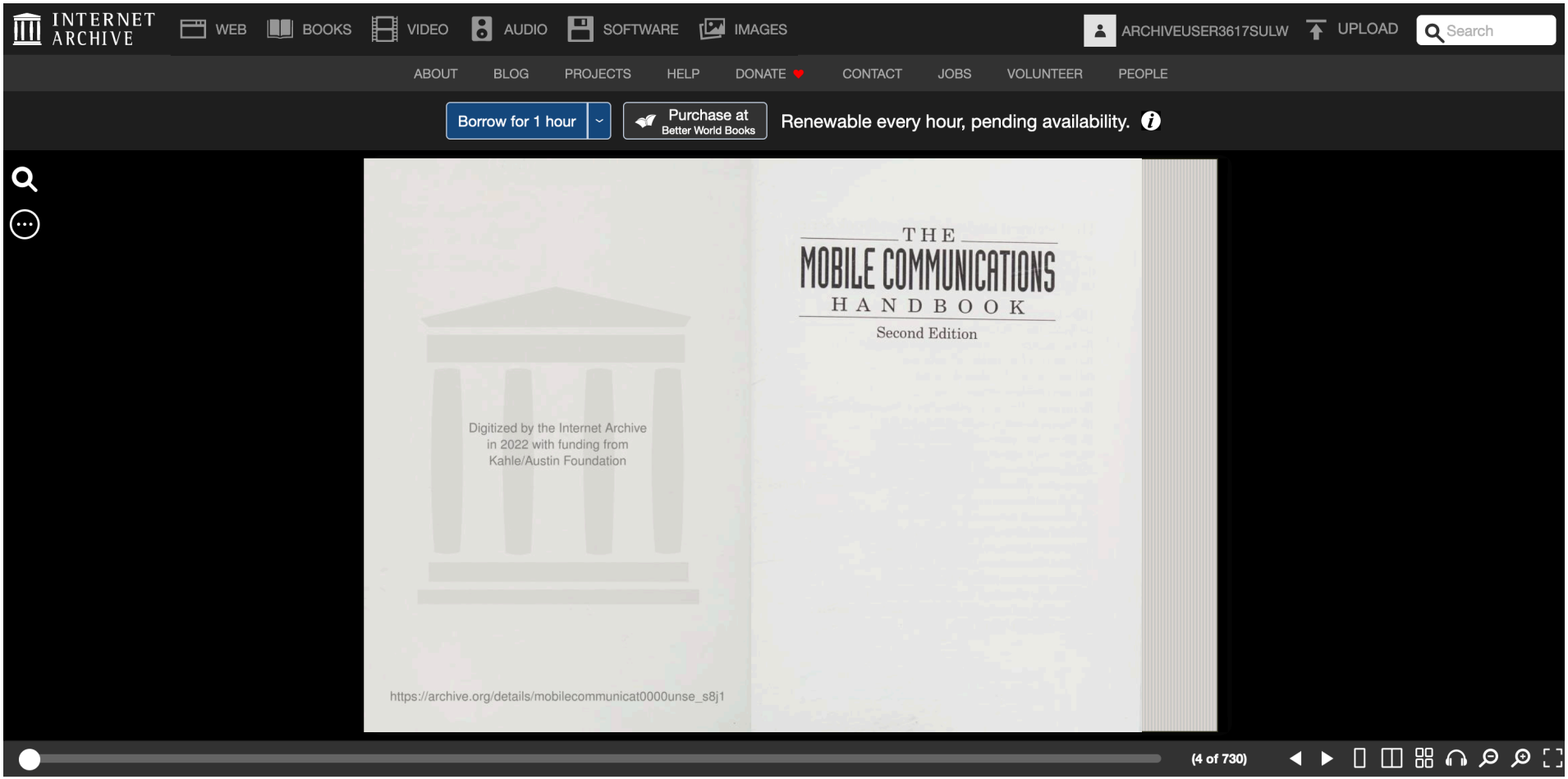
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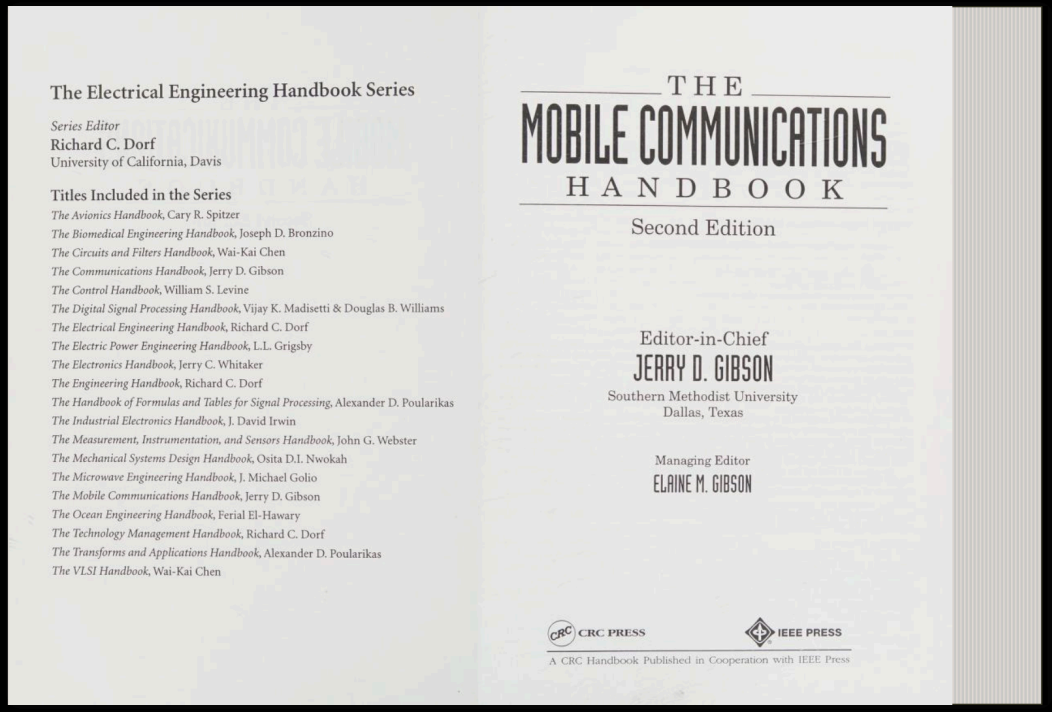
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Preface

To keep pace with the rapid evolution of the mobile and wireless communications field, this second edition of *The Mobile Communications Handbook* contains 12 revised chapters and 10 entirely new chapters to complement another 14 chapters carried forward from the first edition. We use the term mobile communications to include technologies ranging from cordless telephones, digital cellular mobile radio, and evolving personal communications systems to wireless data and wireless networks. To cover this range of topics, we present 36 concise chapters by experts from industry and academia. The chapters are written to provide a succinct overview of each topic, quickly bringing the reader up to date; additionally, the chapters contain sufficient detail and references to encourage further study. The chapters are more than a "just the facts" presentation, with many of the authors using their experience to provide insights into forthcoming developments in the various fields.

The Handbook is divided into two parts. The first part covers the basic principles of analog and digital communications that pertain to mobile communications, and consists of 14 tutorial/review chapters that lay a solid groundwork for the wide-ranging aspects of mobile communications technologies. The second part of the Handbook contains 22 chapters covering such topics as cellular mobile radio, Rayleigh fading channels, space-time processing, power control, personal communications systems, user location and addressing, wireless data, wireless local area networks (LANs), wireless ATM, and third generation wireless standards. The basic principles chapters readily allow the reader to jump right to the mobile communications topic of interest, with the option of efficiently filling in any gaps in his/her background by referring back to the Basic Principles section as needed, without searching through a textbook or shuffling off to the library.

Although there is an ordering to the articles, the sequence of articles does not have to be read from the beginning to end. Each article was written to be an independent contribution but with intentional overlap between some articles to prevent the reader from having to flip back and forth to extract the desired information. Interestingly, as the reader will discover, this overlap often admits alternative views of difficult issues.

As in the first edition, the lead-off article for the wireless section is written by an acknowledged leader and innovator in wireless communications, Dr. Don Cox of Stanford University. This chapter is unique in that Dr. Cox inserts comments and provides updates directly in the text of his chapter from the first edition. Besides being informative and easy to read, the article implicitly challenges those active in wireless communications to continually question the common knowledge in the field.

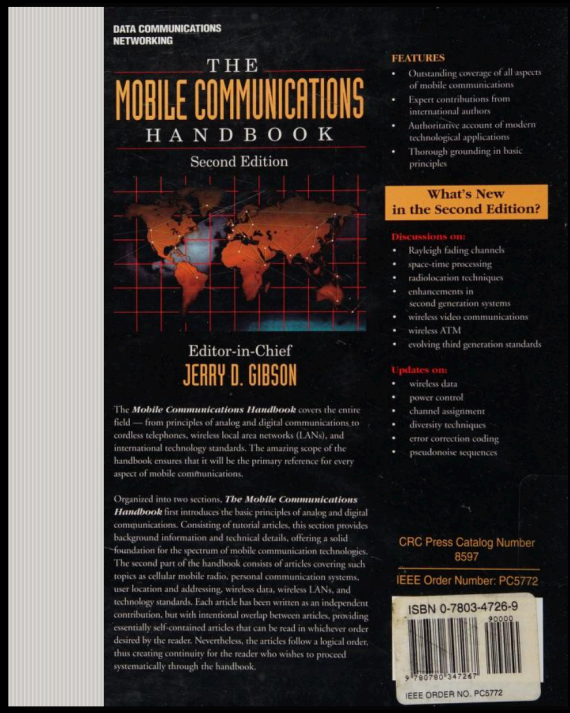
It has been a great pleasure to work with the authors to publish this second edition. The authors come from all parts of the world and constitute a literal who's who of workers in digital and mobile communications. Certainly, each article is an extraordinary contribution to the communications field, and the collection, I believe, is the most comprehensive treatment of the mobile communications field available in one volume today. I sincerely acknowledge the exceptional efforts and talents of my wife, Elaine M. Gibson, who served as Managing Editor for the project, and was the principal contact point for the authors and the publisher. Her energy and organizational skills in coordinating each contribution and in organizing the Handbook were essential to its timely delivery and to its quality. Elaine

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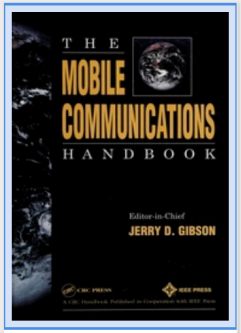
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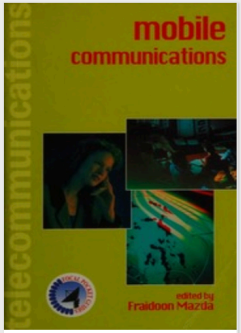
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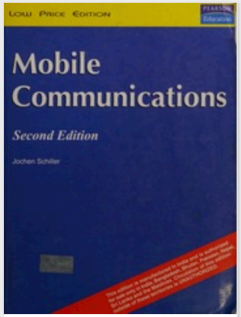
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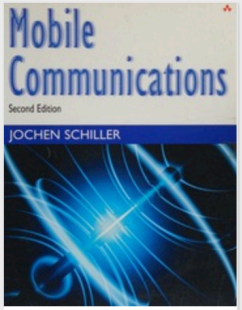
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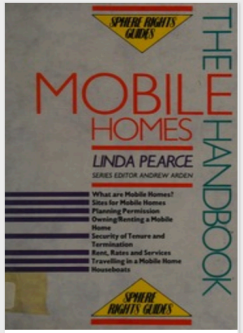
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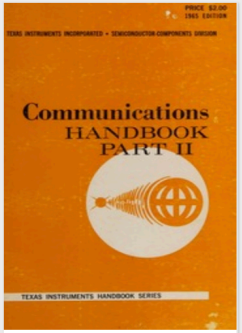
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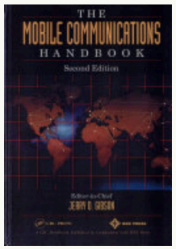
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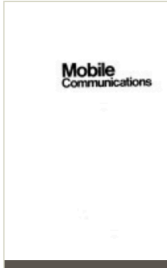
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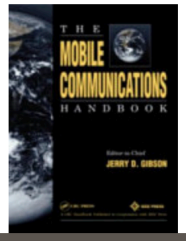
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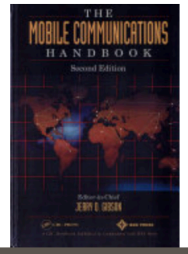
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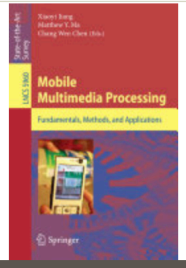
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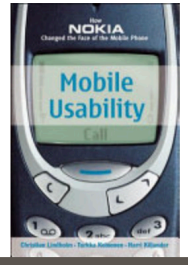
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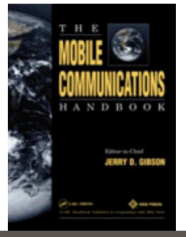
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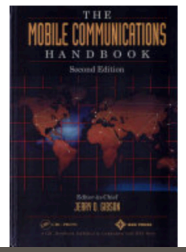
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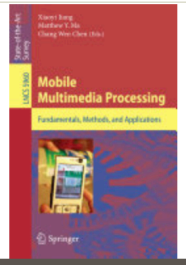
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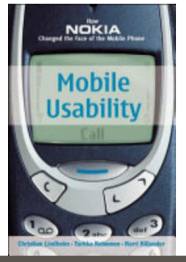
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916		a| DATE CATALOGED b| 19990325
920		b| In a single volume, The Mobile Communications Handbook 2nd. Edition covers the entire field - from principles of analog and digital communications to cordless telephones, wireless local area networks (LANs), and international technology standards. The amazing scope of the handbook ensures that it will be the primary reference for every aspect of mobile communications. 1| Nielsen x| 9780849385971 x| 20160528
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Appendix 1008E

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Citations to Gibson

Source Document

Gibson, J. D., (1999), *The Mobile Communications Handbook*, 2nd ed., CRC Press ; IEEE Press.

Citations from 2001 (in chronological order)

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