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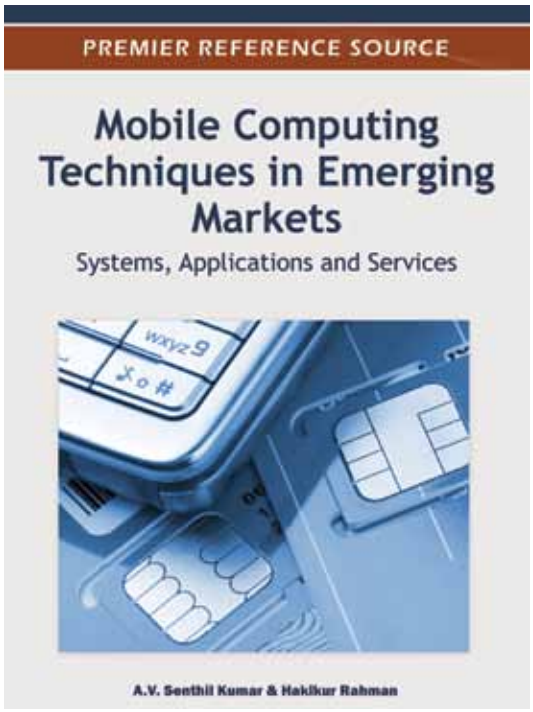
Mobile Computing Techniques in Emerging Markets: Systems, Applications and Services



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A.V. Senthil Kumar (Bharathiar University, India) and
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Mobile computing facilitates data transmission without needing to be connected to a fixed physical link. Mobile voice communication is widely established throughout the world and the number of subscribers to various cellular networks has increased considerably over the last few years. An extension of this technology is the ability to send and receive data across these cellular networks. Mobile data communication has become a very important and rapidly evolving technology as it allows users to transmit data from remote locations to other remote or fixed locations. This proves to be the solution to the biggest problem for business people on the move.

Mobile Computing Techniques in Emerging Markets: Systems, Applications and Services provides the latest research and best practices in the field of mobile computing. Theoretical and pragmatic viewpoints on mobile computing offer guidance for professionals using this book to inform their practices. A solid foundation on mobile computing and an expansive vision of its possibilities combine to promote understanding and the successful implementation of mobile computing techniques in emerging markets.

Topics Covered:

- Collaborative Filtering
- Context-Aware Mobile Computing
- Environmental Sensors
- Graph Theory Algorithms and Mobile Ad hoc Networks
- GSM
- Integrated Mobile Calendar Systems
- Mobile City Guides
- Mobile Security Protocols
- Mobile Technology and Health Information Systems
- Network Mobility Management

Market: This premier publication is essential for all academic and research library reference collections. It is a crucial tool for academicians, researchers, and practitioners and is ideal forclassroom use.

A.V. Senthil Kumar obtained his BSc Degree (Physics) in 1987, P.G.Diploma in Computer Applications in 1988, MCA in 1991 from Bharathiar University. He obtained his Master of Philosophy in Computer Science from Bharathidasan University, Trichy in 2005 and his Ph.D in Computer Science from Vinayaka Missions University in 2009. To his credit he had industrial experience for five years as System Analyst in a Garment Export Company. Later he took up teaching and attached to CMS College of Science and Commerce, Coimbatore. He is currently working as Director in the Department of Post Graduate and Research in Computer Science, Hindusthan College of Arts and Science, Coimbatore, India. He has published more than 30 research articles in refereed international conferences and journals as well as book chapters. He has edited a book and serving as Editor-in-Chief for an International Journal. He is an Editorial Board Member and Reviewer for various International Journals. He is also a Committee member for various International Conferences.

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