

1. Record Nr.	UNINA9910483793403321
Titolo	Mobile multimedia processing : fundamentals, methods, and applications // Xiaoyi Jiang, Matthew Y. Ma, Chang Wen Chen (eds.)
Pubbl/distr/stampa	Berlin, : Springer, c2010
ISBN	1-280-38619-3 9786613564115 3-642-12349-X
Edizione	[1st ed. 2010.]
Descrizione fisica	1 online resource (X, 287 p. 141 illus.)
Collana	Lecture notes in computer science, , 0302-9743 ; ; 5960 LNCS sublibrary. SL 5, Computer communication networks and telecommunications
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Disciplina	004.6
Soggetti	Mobile communication systems Multimedia communications Multimedia systems
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Accessibility and Learning -- iFeeling: Vibrotactile Rendering of Human Emotions on Mobile Phones -- Mobile Visual Aid Tools for Users with Visual Impairments -- QR Code and Augmented Reality-Supported Mobile English Learning System -- Server Assisted Adaptation and Networking Applications -- Robust 1-D Barcode Recognition on Camera Phones and Mobile Product Information Display -- Evaluating the Adaptation of Multimedia Services Using a Constraints-Based Approach -- Mobile Video Surveillance Systems: An Architectural Overview -- Hybrid Layered Video Encoding for Mobile Internet-Based Computer Vision and Multimedia Applications -- Entertainment -- A Recommender Handoff Framework for a Mobile Device -- MuZeeker: Adapting a Music Search Engine for Mobile Phones -- A Server-Assisted Approach for Mobile-Phone Games -- Face and Speech Processing -- A Face Cartoon Producer for Digital Content Service -- Face Detection in Resource Constrained Wireless Systems -- Speech Recognition on

Sommario/riassunto

Whereas the mobile device has become ubiquitous in people's daily life not only as a cellular phone but also as a media player, a mobile computing device, and a personal assistant, it is particularly important to address challenges timely in applying advanced pattern recognition, signal, information and multimedia processing techniques, and new emerging networking technologies to such mobile systems. The 15 articles in this state-of-the-art survey foster interdisciplinary discussions and research in mobile multimedia processing techniques, applications and systems, and bring stimulus to researchers on pushing the frontier of emerging new technologies and applications. This book constitutes the thoroughly refereed post-workshop proceedings of the First International Workshop on Mobile Multimedia Processing, WMMP 2008, held in Tampa, FL, USA, in December 2008, in conjunction with ICPR 2008, the 19th International Conference on Pattern Recognition. The papers went through two rounds of reviewing and improvement and are organized in topical sections on accessibility and learning, server assisted adaptation and networking applications, entertainment, face and speech processing, and development environment.

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