

1. Record Nr.	UNINA9910959960503321
Titolo	Mobile phones : technology, networks and user issues / / Micaela C. Barnes and Neil P. Meyers, editors
Pubbl/distr/stampa	Hauppauge, N.Y., : Nova Science Publishers, 2011
ISBN	1-62081-069-7
Edizione	[1st ed.]
Descrizione fisica	1 online resource (268 p.)
Collana	Media and communications--technologies, policies and challenges
Altri autori (Persone)	BarnesMicaela C MeyersNeil P
Disciplina	384.5/34
Soggetti	Cell phone systems Cell phone systems - Health aspects
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Intro -- MOBILE PHONES: TECHNOLOGY, NETWORKS AND USER ISSUES -- MOBILE PHONES: TECHNOLOGY, NETWORKS AND USER ISSUES -- Library of Congress Cataloging-in-Publication Data -- CONTENTS -- PREFACE -- Chapter 1: BIOLOGICAL IMPACTS, ACTION MECHANISMS, DOSIMETRY AND PROTECTION ISSUES OF MOBILE TELEPHONY RADIATION -- ABSTRACT -- INTRODUCTION -- EFFECTS OF MOBILE TELEPHONY RADIATION ON A MODEL BIOLOGICAL SYSTEM -- Basic Experimental Procedure -- 1. COMPARISON OF BIOACTIVITY BETWEEN NON-MODULATED (DTX) AND MODULATED (TALK SIGNAL) GSM RADIATION -- 2. EFFECT OF GSM RADIATION ON MALES AND FEMALES -- 3. COMPARISON OF BIOACTIVITY BETWEEN GSM 900 AND GSM 1800 -- 4. GSM BIOACTIVITY ACCORDING TO ITS INTENSITY (OR ACCORDING TO THE DISTANCE FROM THE ANTENNA). THE REVELATION OF A "WINDOW" OF INCREASED BIOACTIVITY -- 5. THE DISCOVERED "WINDOW" OF INCREASED BIOACTIVITY IS AN INTENSITY WINDOW -- 6. THE DECREASE IN REPRODUCTIVE CAPACITY IS DUE TO DNA DAMAGE AND CELL DEATH INDUCTION IN THE REPRODUCTIVE CELLS -- TUNEL Assay -- 7. THE DNA DAMAGE INDUCED BY GSM 900 AND 1800 RADIATION IS ACCOMPANIED BY ACTIN CYTOSKELETON DAMAGE -- Rhodamine-Conjugated Phalloidin Staining Assay -- Double Staining with Rhodamine-Conjugated Phalloidin and TUNEL -- 8. THE BIO-EFFECT OF THE GSM RADIATION INCREASES WITH INCREASING DAILY

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Sommario/riassunto

The fast evolution of the technology, social network services and mobile platforms have transformed the traditional notions of community and intercultural communication. This book presents topical research in the study of the technology, network and user issues in mobile phones today. Topics discussed include increased genetic damage due to mobile telephone radiation; mobile phone interfaces for collaborative learning in everyday life; the internationalisation process of European operators and mobile health services improving healthcare through mobile technology.

2. Record Nr.	UNINA9910987693403321
Titolo	3D Image Technologies, Robotics and Control Engineering : Proceedings of WCI3DT 2024 / / edited by Lakhmi C. Jain, Roumiana Kountcheva, Wenfeng Wang, Srikanta Patnaik
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2025
ISBN	981-9791-28-6
Edizione	[1st ed. 2025.]
Descrizione fisica	1 online resource (XIV, 580 p. 239 illus., 195 illus. in color.)
Collana	Smart Innovation, Systems and Technologies, , 2190-3026 ; ; 419
Disciplina	629.8
Soggetti	Automatic control Robotics Automation Artificial intelligence Image processing - Digital techniques Computer vision Signal processing Control, Robotics, Automation Artificial Intelligence Computer Imaging, Vision, Pattern Recognition and Graphics Signal, Speech and Image Processing
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Status Monitoring of Power Transmission and Transformation Equipment Based on Composite Electromagnetic Vibration Energy Harvesting in Self[1]Powered Technology -- Data Asset Evaluation and Value Discovery Based on Machine Learning -- Application of Computer Vision and Image Analysis in New Product Market Testing -- A Memristive Chaotic System in Fractional Order and Application in Image Encryption -- A Grasshopper-based Anti-Counterfeit Pattern Design Experiment -- Ethnic Attire Exhibition System Utilizing Digital Human Technology -- Construction and Application of Macao Intangible Cultural Heritage Digital Study Tour Platform Based on RMP Theory -- Enhancing Adaptive Visual Impedance Control through Proximal Policy

Optimization -- Vision-Guided Robotic System: Image Processing and Kinematic Integration -- Visual Node Map Construction and Multi-scale Localization based on Road Image -- Distortion Optimization Routing Algorithm for In- Vehicle Wireless Video Sensor Networks -- Color Renewal of Traditional Landscape Painting Combined with Computer Color Rendering Technology -- Research on Real-time Navigation of Mobile Robot Based on Vertical Monocular Surveillance Camera in Indoor Environment -- A Framework for Mortality Risk in Patients with AKI in the ICU based on the Bagging Ensemble Method.

Sommario/riassunto

This book features a collection of high-quality, peer-reviewed research papers presented at Third 'World Conference on Intelligent and 3D Technologies' (WCI3DT 2024), held in China during May 24–26, 2024. The book provides an opportunity to researchers and academia as well as practitioners from industry to publish their ideas and recent research development work on all aspects of 3D imaging technologies and artificial intelligence, their applications and other related areas. The book presents ideas and the works of scientists, engineers, educators and students from all over the world from institutions and industries.
