

1. Record Nr.	UNINA9910451048103321
Titolo	Medicine meets virtual reality 14 [[electronic resource] ] : accelerating change in healthcare : next medical toolkit // edited by James D. Westwood ... [et al.]
Pubbl/distr/stampa	Amsterdam, : IOS Press, 2006
ISBN	1-280-50520-6 9786610505203 1-4294-0210-5 1-60750-158-9 600-00-0485-0 1-60129-137-X
Descrizione fisica	1 online resource (620 p.)
Collana	Studies in health technology and informatics ; ; v. 119
Altri autori (Persone)	WestwoodJames D
Disciplina	610.2856
Soggetti	Medical education Virtual reality in medicine Electronic books.
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.
Nota di contenuto	Title page; Preface; Conference Organization; Contents; Centerline-Based Parametric Model of Colon for Colonoscopy Simulator; New Tools for Sculpting Cranial Implants in a Shared Haptic Augmented Reality Environment; Reification of Abstract Concepts to Improve Comprehension Using Interactive Virtual Environments and a Knowledge-Based Design: A Renal Physiology Model; A Surgical and Fine-Motor Skills Trainer for Everyone? Touch and Force-Feedback in a Virtual Reality Environment for Surgical Training A Topologically Faithful, Tissue-Guided, Spatially Varying Meshing Strategy for the Computation of Patient-Specific Head Models for Endoscopic Pituitary Surgery SimulationDetermination of Face Validity for the Symbionix LAP Mentor Virtual Reality Training Module; Enhancing the Visual Realism of Hysteroscopy Simulation; The Surgical Simulation and Training Markup Language (SSTML): An XML-Based Language for Medical Simulation; Online Robust Model Estimation

During In Vivo Needle Insertions; A Software Framework for Surgical Simulation Virtual Environments  
Augmented Assessment as a Means to Augmented Reality  
A Holographic Collaborative Medical Visualization System; Bounds for Damping that Guarantee Stability in Mass-Spring Systems;  
Bootstrapped Ultrasound Calibration; Combining High-Fidelity Human Patient Simulators with a Standardized Family Member: A Novel Approach to Teaching Breaking Bad News; Virtual Environment-Based Training Simulator for Endoscopic Third Ventriculostomy; Evaluation Methods of a Middleware for Networked Surgical Simulations; A Biomechanical Analysis of Surgeon's Gesture in a Laparoscopic Virtual Scenario  
Smart Tool for Force Measurements During Knee Arthroscopy: In Vivo Human Study  
Factors Affecting Targeting Using the Computer Assisted Orthopaedic Surgery System (CAOSS); Contouring in 2D While Viewing Stereoscopic 3D Volumes; Integrative Haptic and Visual Interaction for Simulation of PMMA Injection During Vertebroplasty; Flow Visualization for Interactive Simulation of Drugs Injection During Chemoembolization; The Use of a Computer Aided Design (CAD) Environment in 3D Reconstruction of Anatomic Surfaces  
Simulating the Domain of Medical Modeling and Simulation: The Medical Modeling and Simulation Database  
Assessing Cognitive & Motor Performance in Minimally Invasive Surgery (MIS) for Training & Tool Design; Virtual Patients: Assessment of Synthesized Versus Recorded Speech; Needle Artifact Localization in 3T MR Images; Robot-Assisted Needle Placement in Open-MRI: System Architecture, Integration and Validation; Polymer Film Based Sensor Networks for Non-Invasive Medical Monitoring; Detecting Trigger Points and Irreversibility Thresholds in Shock and Trauma  
A Haptic VR Milling Surgery Simulator - Using High-Resolution CT-Data

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Sommario/riassunto

The remarkable accomplishments of the IT industry and the Internet are trickling steadily into healthcare. This series provides more effective healthcare at a lower overall cost, driven by cheaper and better computers.

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2. Record Nr.	UNISALENTO991000857519707536
Autore	Einstein, Albert
Titolo	The collected papers of Albert Einstein / transl. Anna Beck ; consultant Peter Havas
Pubbl/distr/stampa	Princeton, N.J. : Princeton University Press, c1987-c1996
ISBN	0691000999 (Vol. 5)
Descrizione fisica	4 v. : ill. ; 26 cm.
Classificazione	53(081) 53(091) 53(092) 53(093) 531 QC16.E5
Altri autori (Persone)	Beck, Annaauthor Havas, Peter
Soggetti	Physicists
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	In cover:"English translation" Intended for use in conjunction with the documentary ed. of the same title. Indice : Vol. 1: The early years, 1879-1902. Vol. 2: The Swiss years, writings, 1900-1909. Vol. 3: The Swiss years, writings, 1909-1911. Vol. 4: The Swiss years, writings, 1912-1914. Vol. 5: The Swiss years, corrispondence, 1902-1914