1. Record Nr.   UNINA9911019482903321

   Autore   Akay Metin

   Titolo   Information Technologies in Medicine, Rehabilitation and Treatment:
                       Vol. 2: Rehabilitation and Treatment

   Pubbl/distr/stampa [Place of publication not identified], : Wiley IEEE Press Imprint, 2001

   ISBN   1-280-55623-4
                       9786610556236
                       0-471-20645-8

   Descrizione fisica 1 online resource (204 pages)

   Disciplina   610.285

   Soggetti   Medicine
                       Health & Biological Sciences
                       Medical & Biomedical Informatics

   Lingua di pubblicazione   Inglese

   Formato   Materiale a stampa

   Livello bibliografico   Monografia

   Note generali   Bibliographic Level Mode of Issuance: Monograph

   Sommario/riassunto A comprehensive survey of technological developments in Virtual
                       Reality for use in a variety of medical procedures Medicine and the
                       biological sciences have long relied on visualizations to illustrate the
                       relationship between anatomic structure and biologic function. The new
                       multidimensional imaging modalities are powerful counterparts to
                       traditional forms of observation-surgery, postmortem examination, or
                       extensive mental reconstruction. VR technologies have reached
                       unimagined levels of sophistication and utility, giving physicians and
                       students new avenues for planning and practicing surgery and
                       diagnostics. The two volumes of Information Technologies in Medicine
                       thoroughly explore the use of VR technology in three-dimensional
                       visualization techniques, realistic surgical training prior to patient
                       contact, and actual procedures in rehabilitation and treatment,
                       including telemedicine and telesurgery. Editors Akay and Marsh have
                       brought together all the available information on the subject of VR
                       technologies in medicine and medical training to create the first
                       comprehensive guide to the state of the art in medicine for use by
                       students, doctors, and researchers.; Volume II concentrates on VR

technologies specifically in the area of rehabilitation and treatment and provides complete coverage of the most recent advancements in high-tech medicine.

2.	Record Nr.	UNINA9910739401703321
	Titolo	Agents and Artificial Intelligence : 4th International Conference, ICAART 2012, Vilamoura, Portugal, February 6-8, 2012. Revised Selected Papers / / edited by Joaquim Filipe, Ana Fred
	Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2013
	ISBN	3-642-36907-3
	Edizione	[1st ed. 2013.]
	Descrizione fisica	1 online resource (XIV, 449 p. 161 illus.)
	Collana	Communications in Computer and Information Science, , 1865-0937 ; ; 358
	Disciplina	006.3
	Soggetti	Artificial intelligence Information storage and retrieval systems Application software Artificial Intelligence Information Storage and Retrieval Computer and Information Systems Applications
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Bibliographic Level Mode of Issuance: Monograph
	Sommario/riassunto	This book constitutes the thoroughly refereed post-conference proceedings of the 4th International Conference on Agents and Artificial Intelligence, ICAART 2012, held in Vilamoura, Portugal, in February 2012. The 28 revised full papers presented together with one invited paper were carefully reviewed and selected from 292 submissions. The papers are organized in two topical sections on artificial intelligence and on agents.