

1. Record Nr.	UNINA9910483304203321
Titolo	Digital Human Modeling : First International Conference, ICDHM 2007, Held as Part of HCI International 2007, Beijing, China, July 22-27, 2007, Proceedings / / edited by Vincent D. Duffy
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2007
ISBN	3-540-73321-3
Edizione	[1st ed. 2007.]
Descrizione fisica	1 online resource (XXIII, 1068 p.)
Collana	Information Systems and Applications, incl. Internet/Web, and HCI, , 2946-1642 ; ; 4561
Disciplina	003.3
Soggetti	User interfaces (Computer systems) Human-computer interaction Computer simulation Computer vision Pattern recognition systems Artificial intelligence Application software User Interfaces and Human Computer Interaction Computer Modelling Computer Vision Automated Pattern Recognition Artificial Intelligence Computer and Information Systems Applications
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	I: Shape and Movement Modeling and Anthropometry -- II: Building and Applying Virtual Humans -- III: Medical and Rehabilitation Applications -- IV: Industrial and Ergonomic Applications.
Sommario/riassunto	The 12th International Conference on Human-Computer Interaction, HCI Inter- tional 2007, was held in Beijing, P.R. China, 22-27 July 2007, jointly with the Symposium on Human Interface (Japan) 2007, the 7th International Conference on Engineering Psychology and Cognitive

Ergonomics, the 4th International Conference on Universal Access in Human-Computer Interaction, the 2nd International Conference on Virtual Reality, the 2nd International Conference on Usability and Internationalization, the 2nd International Conference on Online Communities and Social Computing, the 3rd International Conference on Augmented Cognition, and the 1st International Conference on Digital Human Modeling. A total of 3403 individuals from academia, research institutes, industry and governmental agencies from 76 countries submitted contributions, and 1681 papers, judged to be of high scientific quality, were included in the program. These papers address the latest research and development efforts and highlight the human aspects of design and use of computing systems. The papers accepted for presentation thoroughly cover the entire field of Human-Computer Interaction, addressing major advances in knowledge and effective use of computers in a variety of application areas. This volume, edited by Vincent G. Duffy, contains papers in the thematic area of Digital Human Modeling, addressing the following major topics: • Shape and Movement Modeling and Anthropometry • Building and Applying Virtual Humans • Medical and Rehabilitation Applications • Industrial and Ergonomic Applications.
