

Contents

1 An Automatic Rule-Based Translation System to Spanish Sign Language (LSE)	1
Sandra Baldassarri and Francisco Royo-Santas	
2 Influence of Binocular Disparity in Depth Perception Mechanisms in Virtual Environments	13
Matthieu Poyade, Arcadio Reyes-Lecuona, and Raquel Viciano-Abad	
3 Semantic Web Interfaces for Newspaper Multimedia Content Management	23
Ferran Perdrix, Roberto García, Rosa Gil, Marta Oliva, and José A. Macías	
4 Designing an Interactive Installation for Children to Experience Abstract Concepts	33
Anna Carreras and Narcís Parés	
5 Design of Videogames in Special Education	43
J.L. González Sánchez, M.J. Cabrera, F.L. Gutiérrez, N. Padilla Zea, and P. Paderewski	
6 The InterMod Methodology: An Interface Engineering Process Linked with Software Engineering Stages	53
Begoña Losada, Maite Urretavizcaya, and Isabel Fernández-Castro	
7 Designing more Usable Business Models into the RUP	65
William J. Giraldo, Manuel Ortega, Cesar A. Collazos, and Toni Granollers	
8 A Review of Notations for Conceptual Modeling of Groupware Systems	75
Ana I. Molina, Miguel A. Redondo, and Manuel Ortega	

9	Conceptual and Practical Framework for the Integration of Multimodal Interaction in 3D Worlds	87
	Héctor Olmedo-Rodríguez, David Escudero-Mancebo, Valentín Cardeñoso-Payo, César González-Ferreras, and Arturo González-Escribano	
10	Designing User Interfaces for Collaborative Applications: A Model-Based Approach	97
	María Luisa Rodríguez, José Luis Garrido, María Visitación Hurtado, Manuel Noguera, and Miguel J. Hornos	
11	Evaluation of Text Input Techniques in Immersive Virtual Environments	109
	Gabriel González, José P. Molina, Arturo S. García, Diego Martínez, and Pascual González	
12	Dealing with Abstract Interaction Modeling in an MDE Development Process: A Pattern-Based Approach	119
	Francisco Valverde, Ignacio Panach, Nathalie Aquino, and Oscar Pastor	
13	WebA Mobile (Web Analysis Mobile): Assistance Tool for the Design and Evaluation of Websites for Mobile Devices	129
	Luis Mena Tobar, Pedro Latorre Andrés, and Elena Lafuente Lapena	
14	Requirement Gathering Templates for Groupware Applications	141
	Victor M.R. Penichet, Maria D. Lozano, José A. Gallud, and Ricardo Tesoriero	
15	Emotional Speech Synthesis in Spanish for Natural Interaction	151
	Sandra Baldassarri, Eva Cerezo, and David Anaya	
	Index	161



<http://www.springer.com/978-1-84882-351-8>

New Trends on Human-Computer Interaction
Research, Development, New Tools and Methods
Macías, J.A.; Granollers Saltiveri, A.; Andrés, P.M.L.
(Eds.)
2009, XIV, 166 p. 47 illus., Hardcover
ISBN: 978-1-84882-351-8