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| | Descrizione fisica | 1 online resource (333 p.) |
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| | Soggetti | Computer managed instruction <br> Computer-assisted instruction <br> Internet in education <br> Electronic books. |
| | Lingua di pubblicazione | Inglese |
| | Formato | Materiale a stampa |
| | Livello bibliografico | Monografia |
| | Note generali | Includes index. |
| | Nota di contenuto | Plenary Lectures -- Computers in Education: the Near Future -- Natural Language Processing in Educational Computer Science -- Educational Web Sites: Some Issues for Evaluation -- Papers -- Building a Virtual Learning Environment Using Agents -- Integration of Simulation and Multimedia in Automatically Generated Internet Courses -- A Visual Simulation Environment for MIPS Based on VHDL -- An Authoring Environment for the SimulNet Educational Platform -- BabelWin: An environment for learning and monitoring reading and writing skills -- An Internet Distance-Learning Operating Model -- Synchronous Drawing Actions in Environments of Collaborative Learning of Design -- Interconnecting Courseware Modules via WWW -- Adaptive Internet-based learning with the TANGOW system -- APRISA: A Tool for Teaching the Interconnection of Open Systems -- Interactive Mathematics Teaching with Mathedu -- Teaching Support Units -- The Interactive Physics Course on the Internet. Problems and Solutions -- Task Based Training of Application Users -- SUMA Project (Open Murcia University Services) -- Introducing Waves Using Simulations Controlled |

From Html Files -- Using Bayesian Networks in Computerized Adaptive Tests -- XML-based Integration of Hypermedia Design and Component-Based Techniques in the Production of Educational Applications -- Approach to Intelligent Adaptive Testing -- Learning Basque in a Distance-Adaptive way -- Collaborative planning for problem solution in distance learning -- High Level Design of Web-Based Environments for Distance Education -- M.A.C. A Hypermedia System for Learning Electronics -- Computer-Human Learning.

| Sommario/riassunto | ConieD is the biannual Congress on Computers in Education, organised by the Spanish Association for the Development of Computers in Education (ADIE). The last Congress, held in Puertollano (Ciudad Real), brought together researchers in different areas, ranging from web applications, educational environments, or Human-Computer Interaction to Artificial Intelligence in Education. The common leitmotiv of the major part of the lectures was the World Wide Web. In particular, the focus was on the real possibilities that this media presents in order to make the access of students to educational resources possible anywhere and anytime. This fact was highlighted in the Conclusions of the Congress following this Preface as the Introduction. From the full 92 papers presented to the Programme Committee we have selected the best 24 papers that we are presenting in this book. The selection of papers was a very difficult process, taking into account that the papers presented in the Congress (60) were all good enough to appear in this book. Only the restrictions of the extension of this book have limited the number of papers to 24. These papers represent the current high-quality contributions of Spanish research groups in Computers in Education. Manuel Ortega Cantero José Bravo Rodríguez Editors xiii Introduction ConieD'99 (1st National Congress on Computers in Education) has brought together a very important group of Spanish and Latin American researchers devoted to studying the application and use of computers in education. |