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| Collana                 | Lecture Notes in Computer Science, , 0302-9743 ; ; 753                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Disciplina              | 004/.01/9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Soggetti                | User interfaces (Computer systems)<br>Computer communication systems<br>Software engineering<br>Computers<br>Application software<br>Artificial intelligence<br>User Interfaces and Human Computer Interaction<br>Computer Communication Networks<br>Software Engineering<br>Models and Principles<br>Information Systems Applications (incl. Internet)<br>Artificial Intelligence                                                                                                                                                                          |
| Lingua di pubblicazione | Inglese                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Formato                 | Materiale a stampa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Livello bibliografico   | Monografia                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Note generali           | Bibliographic Level Mode of Issuance: Monograph                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Nota di contenuto       | Historical analysis and conflicting perspectives — Contextualizing HCI<br>-- Structuring the field of HCI: An empirical study of experts' representations -- Coupling interaction specification with functionality description -- An extension to the human-computer interaction paradigm -- Hierarchical components of human-computer systems -- Synthesis-oriented situational analysis in user interface design -- WYSIWYG editors: And what now? -- Architecture elements for highly-interactive business-oriented applications -- Designing multimedia |

interfaces -- Iconic signs and languages in user interface development -- E3: Towards the metrication of graphical presentation techniques for large data sets -- Navigating in a process landscape -- Visualisation of complex information -- Three-dimensional visualisation of knowledge structures: Prototyping for design evaluation -- Visual programming in R-technology: Concepts, systems and perspectives -- Interface semantics and procedural knowledge: A study of novice understanding of MacDraw -- Positive test bias in software testing among professionals: A review -- Applying the Wizard of Oz technique to the study of multimodal systems -- The MSM framework: A design space for Multi-Sensori-Motor systems -- Radiological reporting based on voice recognition -- Task interference with a discrete word recognizer -- Model of utterance and its use in cooperative response generation -- Special computer interfaces for the visually handicapped: F.O.B. The manufacturer -- INTELTEXT: Producing coherent linear texts while navigating in large non-hierarchical hypertexts -- The challenge of effectively integrating graphics into hypertext -- Coherent navigation in hypertext environments: The SMIsc conception -- Generating self-adaptive human-computer interfaces -- The practical use of macro recording: A case study -- HyperLecture: A self-organizing lecture presentation and revision system -- Towards an adaptive hypermedia component for an intelligent learning environment -- An intelligent interface for computer assisted language learning -- A system to model, assist and control the human observation of microscopic specimen -- The "document-driven activity" approach to modelling and designing office automation systems.

#### Sommario/riassunto

The International Conference on Human-Computer Interaction EWHCI '93 was the third conference in a series which started in 1991 in Moscow. Like its predecessors, it was occasioned by the long separation of workers in HCI from one another and the new opportunity to learn from one another and to start cooperations with each other. The conference was international, with papers and participants from 16 countries. This volume contains a selection of the best papers presented at the conference. The papers are grouped into parts on: foundations of HCI; techniques, tools and paradigms for interface design; information visualization; empirical studies; multimedia; hypertext; customizing interfaces; teaching and learning; applications.