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	Nota di contenuto	Contents ; Message from the ICWL 2002 Program Co-Chairs ; ICWL2002 Organizing Committee ; Program Committee Members ; PART ONE Applications ; 1. A Web-Based Computer-Aided Learning Package on Pipe Flow ; 2. Application of Web-Based Training (WBT) in Hong Kong Organizations 3. University Teaching in the ""Post Xerox"" Age System E-ULE 4. On the Design of Mathematical Instruction Material for Distant Learning Platform ; 5. Learning Through Web-Based Assessment 6. Architecture and Algorithms of CPS - An Agent-Based Tutoring System for Coached Problem Solving on the Web 7. Integrating Multimedia and Software Agents for Effective Web-based Learning ; PART TWO Models ; 8. VEGA-KGQA: A Knowledge-Grid-Based Question- Answering Approach 9. Collaborative Learning based on Multi-Agent Model 10. Ubiquitous E-Learning-A Concept of Virtual Knowledge ; 11. A Preliminary Evaluation of a Computerized Adaptive Testing System on the Web

; 12. Patterns of Web Based Learning in the Semantic Web Era
; PART THREE Tools
13. Improving the Design of an Online Self-Assessment Tool Utilizing Confidence Measurement
14. Refactoring the Application Infrastructure for Building Open-Distance - Learning Websites in the German Literature and Language Domain
15. The Design and Implementation of Virtual Laboratory Platform in Internet

Sommario/riassunto	This book provides an up-to-date study of technical, pedagogical and managerial issues in Web-based learning. The successful application of Web-based learning provides enhancements in workforce performance, helps to lower costs, and encourages innovation for Web-based and distance learning. It presents a selection of 20 refereed papers given at the First International Conference on Web-Based Learning from over 70 submissions by academic researchers and industry developers from 19 different countries. It provides an excellent resource for students, researchers and practitioners involved in We