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Edizione	[1st ed. 1998.]
Descrizione fisica	1 online resource (XIV, 582 p.)
Collana	Lecture Notes in Computer Science, , 0302-9743 ; ; 1375
Disciplina	686.2/2544
Soggetti	Computers Computer communication systems Multimedia information systems Application software Optical data processing Computer graphics Theory of Computation Computer Communication Networks Multimedia Information Systems Information Systems Applications (incl. Internet) Image Processing and Computer Vision Computer Graphics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	An interface for the interactive design of artistic screens -- Image mosaics -- Font decoration by automatic mesh fitting -- A window-based method for automatic typographic parameter extraction -- Unified table approach for typographic rendering -- Producing the skeleton of a character -- Visual truetype: A graphical method for authoring font intelligence -- Feature-based design of fonts using

constraints -- An object-oriented model for the hierarchical composition of letterforms in computer-aided typeface design -- The design and use of a multiple-alphabet font with ? -- Simplification of the arabic script: Three different approaches and their implementations -- The formulation of parameters for type design of Indian scripts based on calligraphic studies -- Metafont in the rockies: The Colorado typemaking project -- Designing and using scalable type for display as graphic elements on digital devices -- Mathematical tools for computer-generated ornamental patterns -- Fundamentals of 3D halftoning -- Using typography in document image analysis -- The beta-velocity model for simulating handwritten Korean scripts -- Two decades of typographic research at URW: A retrospective -- Legibility of condensed perceptually-tuned grayscale fonts -- Exploring the effect of layout on reading from screen -- Internationalized text manipulation covering perso-arabic enhanced for mongolian scripts -- Une bibliothèque informatique pour la notation musicale baroque -- Document style design by direct manipulation -- A DTD extension for document structure recognition -- Synchronization in multimedia documents -- édition et visualisation interactive de documents multimédia -- Memory scalability in constraint-based multimedia style sheet systems -- Intelligent paper -- Active alice: using real paper to interact with electronic text -- Autotag: A tool for creating structured document collections from printed materials -- Hyperbook data modeling -- A component architecture for cross-media formatters -- The effect of textual aesthetics on information retrieval -- The use of automatic alignment on structured multilingual documents -- Design and implementation of a document assembly workbench -- A virtual document interpreter for reuse of information -- Reuse of linked documents through virtual document prescriptions -- Measuring structural similarity among web documents: preliminary results -- A tool for maintaining multi-variant hypertext documents -- Projet Hypermap : Pour un environnement complet de génération automatique d'hypertexte -- Dynamic link inclusion in online PDF journals -- Adding semantics to SGML databases.

Sommario/riassunto

This book presents the refereed proceedings of the EP'98 and RIDT'98 conferences, held jointly during the Second International Week on Electronic Publishing and Typography in St. Malo, France, in March/April 1998. The 43 revised full papers presented were carefully selected for inclusion in the book. Among the topics covered are artistic imaging, tools and methods in typography, non-latin type, typographic creation, imaging, character recognition, handwriting models, legibility and design issues, fonts and design, time and multimedia, electronic and paper documents, document engineering, documents and linguistics, document reuse, hypertext and the Web, and hypertext creation and management.
