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Autore	Chaudhuri B. B (Bidyut Baran)
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ISBN	981-4368-71-7
Descrizione fisica	1 online resource (x, 323 pages) : illustrations
Collana	Statistical science and interdisciplinary research, , 1793-6195 ; ; volume 13 Platinum jubilee series
Disciplina	025.04
Soggetti	Information storage and retrieval systems Documentation - Data processing Digital preservation Document imaging systems Electronic publishing Multimedia systems Electronic records
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Foreword; Preface; Contents; 1. Document Image Analysis using Markovian Models: Application to Historical Documents; 1.1. Introduction; 1.2. Hidden Markov Random Field Models; 1.2.1. Theoretical foundations; 1.2.1.1. Simulated annealing; 1.2.1.2. Iterated Conditional Modes (ICM); 1.2.1.3. Highest Confidence First (HCF) algorithm; 1.2.1.4. 2D Dynamic Programming; 1.2.2. Application of MRF labelling to handwritten document segmentation; 1.2.2.1. Probability densities; 1.2.2.2. Clique potential functions; 1.2.2.3. Observations; 1.2.2.4. Decoding strategy; 1.2.3. Results; 1.2.3.1. Zone labelling 1.2.3.2. Text line labelling 1.2.3.3. Conclusion; 1.3. Conditional Random Field Models; 1.3.1. Proposed model; 1.3.1.1. Feature functions; 1.3.1.2. Model inference; 1.3.1.3. Parameter learning; 1.3.2.

A two level CRF model; 1.3.2.1. Observation features; 1.3.2.2. Label features; 1.3.2.3. Learning; 1.3.3. Integrating more contextual information; 1.3.3.1. Global feature function; 1.3.3.2. Combination of the information sources; 1.3.3.3. Linear combination of the information sources (impl.2); 1.3.3.4. Combination of the information sources using an MLP (impl.3); 1.3.4. Experiments and results

1.4. Conclusions and OutlookAcknowledgments; References; 2. Information Just-in-Time: Going Beyond the Myth of Paperlessness; 2.1. Introduction; 2.2. Information Just-in-Time; 2.2.1. Personal Information Environment; 2.2.2. Hot/Warm/Cold Documents; 2.2.3. Proposed Approach; 2.3. Digital Pen Solution; 2.3.1. Anoto Functionality; 2.3.2. Data Entry Applications; 2.4. iJIT Collaboration Platform; 2.4.1. On-Demand Printing; 2.4.2. Hybrid Document Management System; 2.4.3. Research Notebook Application - iJITNote; 2.4.4. Future Directions; 2.5. Conclusions; Acknowledgments; References

3. The Role of Document Image Analysis in Trustworthy Elections3.1. Introduction; 3.2. History; 3.3. Problems with Current Voting Technologies; 3.4. Experimental Approaches to Reliable Processing of Voting Records; 3.4.1. Statistical distribution of mark sense errors; 3.4.2. Unbiased context-free visual auditing based on ballot images; 3.4.3. Homogenous class display; 3.4.4. Unique identification of ballots; 3.4.5. Error characteristics of DRE with VVPAT; 3.4.6. Development of testing procedures for voting systems; 3.4.7. Affordances for voters with disabilities; 3.5. Some Related Efforts 3.6. Concluding RemarksReferences; 4. Information Retrieval from Document Image Databases; 4.1. Introduction; 4.2. Related Work; 4.3. Word Shape Coding; 4.3.1. Word Shape Coding by Character Stroke Categorization; 4.3.2. Word Shape Coding by Character Boundary Extrema; 4.3.3. Word Shape Coding by Character Holes and Reservoirs; 4.4. Document Image Retrieval; 4.4.1. Document Vector Construction; 4.4.2. Document Similarity Measurement; 4.5. Discussions; 4.5.1. Coding Ambiguity; 4.5.2. Coding Robustness; 4.5.3. Document Similarity Measurements; 4.5.4. Coding Scheme Selection; 4.6. Conclusion References

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#### Sommario/riassunto

From the participation of researchers in most important international conferences in the field, it is noted that activities in automatic document processing have been continuously growing. This book is an edited volume in Digital Document Processing where the chapters are written by several internationally renowned researchers in the domain. It will be useful for both students and researchers working on various aspects of document image analysis and recognition problems. It contains chapters on topics that are not covered by any textbook, but are more futuristic like ""Going beyond the Myth of

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2. Record Nr.	UNISA996218333603316
Autore	Caesar Julius
Titolo	The Gallic war / / Caesar ; with an English translation by H.J. Edwards
Pubbl/distr/stampa	Cambridge, MA : , : Harvard University Press, , 2014
ISBN	0-674-99080-3
Descrizione fisica	1 online resource : maps, line illustrations
Collana	Loeb Classical Library ; ; 72
Soggetti	Military history, Ancient Military leadership Gaul History 58 B.C.-511 A.D Europe Gaul Rome (Empire)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliography and indexes.
Sommario/riassunto	In his Gallic War and Civil Wars Caesar (100-44 BCE) provided vigorous, direct, clear, third-personal, and largely unemotional records of his own campaigns.