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information sources and document ordering; On-line ordering service of the host organisations: some examples; On-line ordering services of the library services: some examples; The document delivery centres; Some characteristics of the document delivery services as far as the user is concerned; Conclusions and trends; Chapter 7: Electronic journals in chemistry - a project in the DOCDEL programme Background Electronic publishing in chemistry; The DOCDEL programme; A new on-line service in 1987; Chapter 8: TRANSDOC - electronic document delivery programme; General description; The test; Conclusion; Chapter 9: The German Patent Database (PATDPA); Introduction; The purpose of text and graphics in patent information; On-line submission by the German Patent Database via STN International; Information/technical developments for the processing, storage, transfer and reproduction of text and graphics; Conclusion; Further reading; Appendix; Chapter 10: The Knowledge Warehouse; Why archive? What goes into the archive? How will the archive be used?; Phase 1 project; Invited Paper references; Part 2: Analysis; Chapter 1. Introduction; The Information Chain; Chapter 2. Technology; Introduction; Hardware; Software; Communications; Standards; Hardware; Personal computers; Data capture; Optical storage; Technological trends in electronic publishing; Software; On-line access software; Off-line access software; Desktop publishing; Authoring software; Product building software; Implications for electronic publishing; Standards; Physical standards; Logical standards Implications for electronic publishing

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### Sommario/riassunto

Electronic Publishing: State of the Art Report provides an overview of the state of knowledge in electronic publishing. This Report is organized into three parts: Invited Papers, Analysis, and Bibliography. The Invited Papers describe some of the problems of producing effective commercial versions of electronic document transfer systems, drawing on the experience of participants in the DOCDEL project funded by the Commission of the European Communities (CEC). These projects show many interesting and potentially important possibilities for commercial activity, in areas ranging from authoring sy

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