

The cover features a decorative design with concentric arcs. The top-left arc is light green. The bottom-right arc is a vibrant nebula with orange, red, and blue colors. A thin white arc runs across the middle. The text is positioned in the upper right and lower right areas.

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Fernández, M., Kadiyska, Y., & Suciu, D., et al. SilkRoute: A framework for publishing relational data in XML. *ACM Transactions on Database Systems*, 2002, 27(4): 438–493. Retrieved on April 25, 2013, from <http://dl.acm.org/citation.cfm?doid=582410.582413>. DOI: 10.1145/582410.582413.

- **For book**

Cox, T.F., & Cox, M.A.A. *Multidimensional scaling*. 2nd ed. Boca Raton, FL: Chapman & Hall/CRC, 2000.

Campbell, N. (Ed.) *Usability assessment of library-related websites: Methods and case studies*. Chicago: Library & Information Technical Association, American Library Association, 2001.

Hearst, M.A. *User interfaces and visualization*. In Ricardo, B.-Y., & Berthier, R.-N. (Eds.), *Modern Information Retrieval*. New York: ACM Press, 1999:257–323.

- **For proceedings**

Åström, F. Visualizing library and information science concept spaces through keyword and citation based maps and clusters. In Bruce, H., Fidel, R., & Ingwersen, P., et al. (Eds.) *Proceedings of 4th International Conference on Conceptions of Library and Information Science*. Greenwood Village, CO: Libraries Unlimited, 2002:185–197. Retrieved on June 20, 2012, from <http://lup.lub.lu.se/luur/download?func=downloadFile&recordId=579259&fileId=579260/>.

- **For electronic journal article**

Kurtz, M.J., Eichhorn, G., & Accomazzi, A., et al. The bibliometric properties of article readership information. *Journal of the American Society for Information Science & Technology*, 2005, 56(2): 111–128. Retrieved on May 3, 2005, from <http://cfa-www.harvard.edu/~kurtz/jasist2.pdf>. DOI: 10.1002/asi.20096.

Järvelin, K., & Ingwersen, P. Information seeking research needs extension towards tasks and technology. *Information Research*, 2004, 10(1): Paper No. 212. Retrieved on May 3, 2005 from <http://informationR.net/ir/10-1/paper212.html>.

- **For electronic book**

Crystal, A., & Ellington, B. Task analysis and human-computer interaction: Approaches, techniques, and levels of analysis. *Proceedings of 10th American Conference on Information Systems*, 2004: 1–9. New York. Retrieved on May 3, 2005 from http://www.ils.unc.edu/Nacrystal/AMC1504_crystal_ellington_final.pdf.

Velterop, J. *Open access publishing and scholarly societies: A guide*. Retrieved on January 25, 2006, from http://www.soros.org/openaccess/pdf/open_access_publishing_and_scholarly_societies.pdf.

- **For thesis or dissertation**

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