



Characteristics of references

- · A reference has to be
 - Relevant
 - Necessary
 - Up-to-date
 - · Possible to access
- · References can point to
 - primary sources
 - · secondary sources

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Where to refer?

- · Always refer to
 - . a primary source instead of the secondary one
 - well-written material instead of badly-written
 - a journal article (or a book) instead of a conference article.
 - a **conference article** instead of a technical report or an unpublished manuscript
 - a printed document instead of a web document

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Where to refer? (2)

- Avoid referring to private communications and information provided in seminars or talks
 - Not accessible or verifiable
- Do not refer to support common knowledge
 - What is common knowledge, depends on the topic and the publication forum of the article
- Main rule: refer to original sources (primary sources)

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List of references

- A list of articles, reports, books and other sources cited in the text
 - · Just them, nothing else!
- Each entry in the list should include so much information (fields) that the reference/source can be easily found!
- Each source type has a certain type of an entry
- Fields of the same type must be formatted in the same way

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Bibliography

- A larger, more general list of sources relevant to a topic
- Entries are not necessarily cited in the text
- Must be separated from the list of references
- · Can be used in survey articles or course books
 - In course books related to the bibliographic notes given at the end of the chapters
- · Not used in research articles or theses

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Entries in the reference list

- Each publication forum has its own rules for
 - the syntax of the entries in the list of references
 - the form of the citations.
- · Different forms of citations
 - ordinal-number style
 - so-called Harvard style, i.e. name-and-date style
 - mnemonic abbreviation
 - the form used in seminar reports and theses of our department!

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Entries in the reference list (2)

- Mnemonic abbreviations used at our department
 - . Three letters + two numbers
 - The letters are the first letters of the last name(s) of the author(s)
 - · Note the different ways of selecting the letters based on the number of authors from the examples on the following slides
 - . The numbers are the last two digits of the publication
- . If same author(s) have several publications in a same year, lower-case letters (a, b, c) are added to the end of those abbreviations



Journal article

- General form:
 - · Author1, A., Author2, B., Author3, C., Title of the article. Name of the journal, volume, number (publication year), pp. x-y.
- Example
 - Green, T.J., Gupta, A., Miklau, G., Onizuka, M., Suciu, D., Processing XML streams with deterministic automata and stream indexes. ACMTransactions on Database Systems, 29, 4 (2004), pp. 752-788.

• GGM04



Conference/workshop article

- · General form:
 - Author1, A., Author2, B., Author3, C., Title of the article. Name of the conference/workshop proceedings, place of the conference/workshop, year of the conference/ workshop, pp. x-y.
- Example
 - · Altinel, M., Franklin, M.J., Efficient filtering of XML documents for selective dissemination of information. Proc. of 26th International Conf. on Very Large Databases (VLDB 2000), Cairo, Egypt, 2000, pp. 53-64.



Collection article

- · General form:
 - Author1, A., Author2, B., Author3, C., Title of the article. In Name of the collection, names of the editors, name of the publisher, publication year, pp.
- Example
 - Mohan, C., Concurrency control and recovery methods for B+-tree indexes: ARIES/KVL and ARIES/IM. In Performance of Concurrency Control Mechanisms in Centralized Database Systems, V. Kumar, editor, Prentice Hall, 1996, pp. 248-360.

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Collection

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 - Performance of Concurrency Control Mechanisms in Centralized Database Systems, V. Kumar, editor, Prentice Hall, 1996.
 - · Mohan, C., Concurrency control and recovery methods for B+-tree indexes: ARIES/KVL and ARIES/IM. In [Per96], pp. 248-360.



Book

- · General form:
 - Author1, A., Author2, B., Author3, C., Name of the book. Name of the publisher, publication year.
- Example
 - Aho, A.V., Hopcroft, J.E., Ullman, J.D., The Design and Analysis of Computer Algorithms. Addison-Wesley, 1974.
 - AHU74



Thesis or technical report

- General form:
 - · Author1, A., Author2, B., Author3, C., Name of the thesis/report. Type of the publication, name of the publication series, number of the thesis/report, name of the publisher, publication year.
 - . Number of the thesis/report included if it exists
- - Jaluta, I., B-tree concurrency control and recovery in a client-server database management system. Ph.D Thesis, Department of Computer Science and Engineering, Helsinki University of Technology, 2002.

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Other kind of sources

- Manuals, patents, standards
 - · Can be used, but not very common sources
- Web documents
 - · Same bibliographical information as from the similar printed sources + URL of the document and a date when the URL last existed
 - Example: XML Query (Xquery) requirements. D. Chamberling, P. Frankhauser, M. Marchiori, J. Robie, editors. W3C Working Group Note, 23.3.2007. http://www.w3.org/TR/2007/NOTExquery-requirements-20070323/[2.1.2008]
 - BUT: prefer printed sources to web documents!
- Other special cases: see, for example, Zobel's book!



Order of entries

- · Depends on the style of the citations
 - · Ordinal numbers in numerical order
 - Mnemonic abbreviations in alphabetical order
- . In the case of ordinal numbers, entries can be in
 - · the order of citations
 - the alphabetical order by the last names of the

· In a list with mnemonic abbreviations entries can also be in the alphabetical order by the last names Decartmof the authors



Order of entries (2)

- Example
 - Nie89a Nielsen, J., Introduction to ...
 - Nie89b Nielsen, J., Methods of ...
 - Nie90 Nielsen, J., Algorithmic ...
 - Nie93 Nielsen, J., ...,
 - NiA91 Nielsen, J., Ahlblad, T., ...
 - NiM90a Nielsen, J., Mack, R.L., Teaching ...
 - NiM90b Nielsen, J., Mack, R.L., Usability ...
 - NMH88 Nielsen, J., Mack, R.L., Helms, H.-J., Advances...



References and citations

- References (citations) tell the reader
 - · where does the information come from
 - · Work of others
 - · Work of the author(s)
 - · where it is possible to find more information on that
- . The structure of the text has to indicate
 - · the topic of the citation
 - · the coverage of the citation



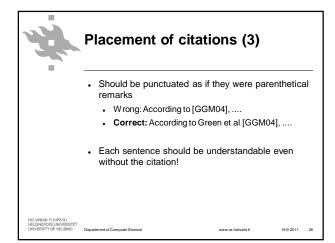
Placement of citations

- · Close to the cited material
- Technically given in brackets, e.g. [Nie93]
- Usually references to page numbers or chapters are not included
 - · Sometimes used when referring to books
 - Example: The following is based on the text book of Aho et al [AHU74, Chapter 41].
- · Always placed within a sentence!
- Never placed in titles of chapters or sections
- Can be placed in the caption of figures or tables



Placement of citations (2)

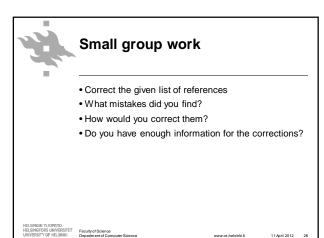
- References that are discussed should not be anonymous
 - · Names of the authors of the source must then be mentioned in the text
 - Examples:
 - A method for filtering XML documents proposed by Altinel and Franklin [AIF00] is ..
 - Efficient filtering of XML documents has also been studied by Green et al [GGM04].
- · References that are not discussed can just be listed
 - Example: For filtering XML documents, several methods have been proposed [ALF00, CFG02, GGM04, CHC06, ChN07]. www.cs.helsinki.fl





Other remarks

- Footnotes and endnotes seldom used in computer
 - . They are never used for citations!
- Quotations also seldom used in computer science
 - · Quoted material must be an exact copy of the
 - Copied text must be enclosed in double guotes
 - . Example: Information retrieval is "the science of matching information needs to documents" [Bri91].
 - · Longer quotations given in an indented block
- . It is better to paraphrase than quote!





Time management

- -How to balance studies, sleaping and hobbies/family life / free time?
 - any ideas?
- Timetable for studies
- Study plan: which courses and when?

