

Referencing & bibliographies



Contents:

- Finding literature.
- Citations and references.
- Annotated bibliographies vs literature surveys.
- Reference & citation styles.
- Reference management software.

What are academic sources?

- Academic sources:
 - By professionals.
 - Peer reviewed.
 - Scholarly format.

Non-academic sources	Academic sources
Blog entry, web page	Conference article
Lecture slides online	Chapter in book
Informal magazine articles	Journal article
Wikipedia	Thesis/dissertation
Mum	Technical report

Suggested resources for computer engineers available from ITÜ library

BLG374E
Tech.
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- Web of Science:
 - Database of journal publications.

WEB OF SCIENCE™

- Scopus:
 - Database of journal and high-quality conference publications.

Scopus

- Google scholar:
 - Database scraped via the web.

Google
scholar

- ACM Digital Library:
 - Association of Computing Machinists publications.

ACM DL DIGITAL
LIBRARY

- IEEE Xplore Digital Library:
 - Institute of Electric and Electronics Engineers publications.

IEEE Xplore®
DIGITAL LIBRARY

Don't forget books!

Includes electronic books



All Resources

Search

Catalog Search

Keyword ▼

Search

[catalog search](#) | [advanced search](#)

Literature search tips: Try many variations



Literature search tips: rank articles with citation count

Sort by: **Publication Date -- newest to oldest** ▼

- Publication Date -- newest to oldest
- Publication Date -- oldest to newest
- Times Cited -- highest to lowest**
- Times Cited -- lowest to highest
- Relevance
- First Author -- A to Z
- First Author -- Z to A
- Source Title -- A to Z

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Create Citation Report

Times Cited: 0
(from All Databases)

Times Cited: 0
(from All Databases)




Times Cited: 0

5. **A proposed index of usability: A method for comparing the relative usability of different software systems** Times Cited: 82
(from All Databases)

By: Lin, HX; Choong, YY; Salvendy, G
BEHAVIOUR & INFORMATION TECHNOLOGY Volume: 16 Issue: 4-5 Pages: 267-278 Published: JUL-OCT 1997

Full Text View Abstract

Literature search tips: Find related articles with citation search



Full Text   Save to EndNote online  Add to Marked List

DESIGNING VIDEO ANNOTATION AND ANALYSIS SYSTEMS

By: [HARRISON, BL](#) (HARRISON, BL); [BAECKER, RM](#) (BAECKER, RM)
Book Group Author(s): [CANADIAN HUMAN, COMP COMMUN SOC](#)

GRAPHICS INTERFACE 92
Book Series: PROCEEDINGS - CANADIAN INFORMATION PROCESSING SOCIETY
Pages: 157-166
Published: 1992

Citation Network

3 Times Cited
0 Cited References
 [View Citation Map](#)
 [Create Citation Alert](#)
(data from Web of Science™ Core Collection)

☐ 1. [OBSERVATION, ANNOTATION AND ANALYSIS OF DESIGN ACTIVITIES: HOW TO FIND AN APPROPRIATE TOOL?](#)

Citations and references

Citation: *A mention in the text of a source.*

Due to the importance of context, there is increasing awareness of the importance of embedding ethics awareness into each topic [1].

Reference: *Full information about where to find source.*

[1]A. Narayanan and S. Vallor, “Why software engineering courses should include ethics coverage,” Communications of the ACM, vol. 57, no. 3, pp. 23–25, Mar. 2014.

Annotated bibliographies vs literature reviews

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Document:	Annotated Bibliography	Literature Review
Stage:	During survey.	During analysis.
Purpose:	For organising sources during survey.	For analysing sources and building up a picture.
Format:	A list of references and notes.	Prose text elaborating analysis.

Example annotated bibliography snippet

RASKIN, J. 1997. Looking for a humane interface: Will computers ever become easy to use? Communications of the ACM, 40, 2, 98-101.

Argues that users need to be able to work without needing to know the current system state; allowing automatic functioning with reusable components. Recommends "cognetics" – experimental ergonomics for user interface design, new

Example literature review snippet

Raskin [1997] attempts to use the modern GUI as a springboard to understanding how to best build on current advances in user interfaces. He proposes an experimental methodology, akin to ergonomics and cognitive psychology. In the context of video editing, this methodology is rarely applied, as Malcom [2005] argues, due to the fact that the underlying technology is in flux. However, several studies [Cox 2003; Higgins 2010; Milne and Milne, 2011] have shown that

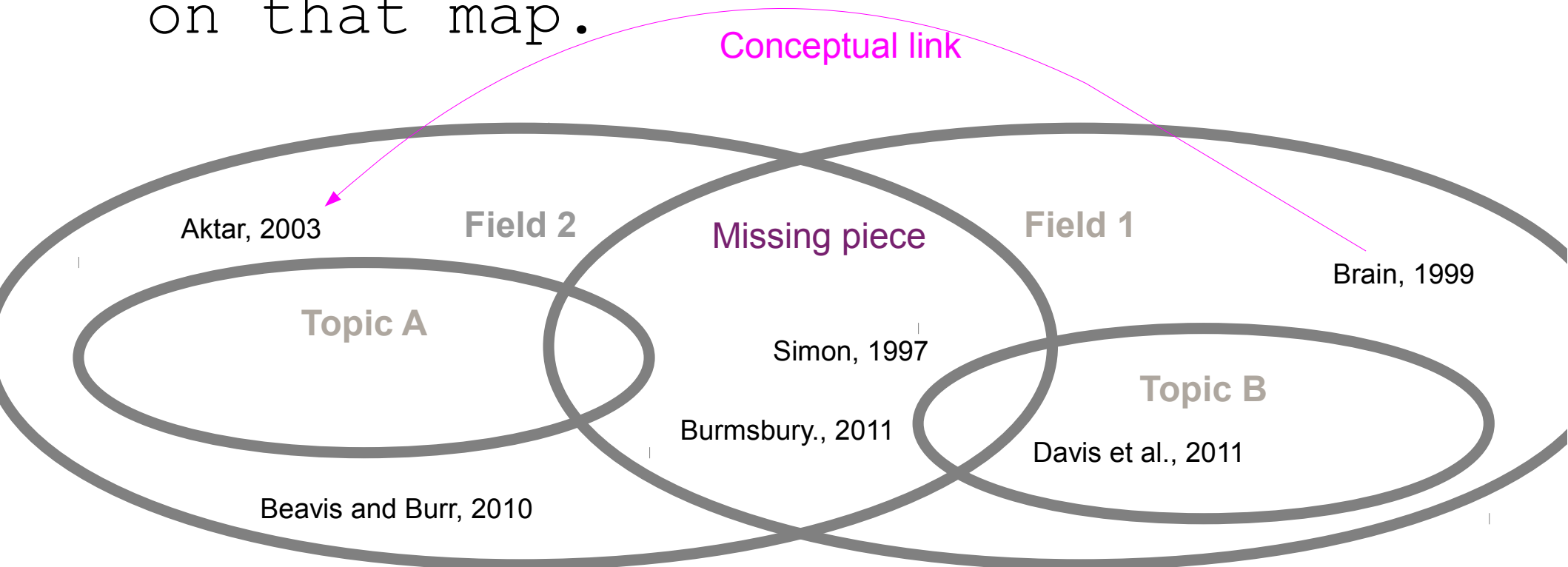
Literature surveys require analysis

They ask questions like:

- What is left to do in this area?
- What are the most important things done?
- What are the key distinctions and ideas made?
- What are the key technologies and how are they different/similar?
- Who are the key people and what have they done?

Literature surveys require analysis

Literature surveys make a map and place the current research on that map.



Reference and citation styles: ACM

- ACM uses a Harvard-style (author-date) citation/referencing format:

Due to this feature the eyes must actively move in order to obtain detailed views of different parts of the scene [Steinman 2003].

...

S TEINMAN, R. 2003. Gaze control under natural conditions. In The Visual Neurosciences, L. Chalupa and J. Werner, Eds. MIT Press, 1339–1356.

- From <http://dl.acm.org/citation.cfm?id=2536767>
- See <http://www.acm.org/publications/submissions>.

Reference and citation styles: IEEE Transactions

- IEEE is a Vancouver-style (number-based) citation/referencing format:

There has been some work on using dynamics models of people while tracking them [1,2]; it remains unclear however as to whether the physical models can provide an

....

[2] M. Vondrak, L. Sigal, and O. C. Jenkins, “Physical simulation for probabilistic motion tracking,” in Proc. IEEE Computer Society Conf. on Computer Vision and Pattern Recognition (CVPR). Los Alamitos, CA, USA: IEEE Computer Society, 2008, pp. 1–8.

- From http://ieeexplore.ieee.org/xpls/abs_all.jsp?arnumber=5980535&tag=1
- See https://www.ieee.org/publications_standards/publications/authors/author_templates.html

Collecting references: reference management software

- Popular software:
 - Zotero.
 - JabRef.
 - EndNote.
 - Mendeley.
 - Plain text BibTex.

Zotero example: Importing from the web

1. Click import symbol.



The screenshot shows the IEEE Xplore Digital Library interface. The browser address bar displays the URL: `ieeexplore.ieee.org/xpl/articleDetails.jsp?tp=&arnumber=1024068&queryText%3Dvideo+editing+learn`. In the top right corner of the page, there is a navigation bar containing three icons: a document icon, a magnifying glass icon, and a star icon. A red circle is drawn around these icons, highlighting the import symbol (the document icon). Below the navigation bar, the IEEE Xplore logo is visible on the left, and the IEEE logo is on the right. A banner for "Access provided by: ULAKBIM UASL ISTANBUL TEKNIK UNIV" is centered. The main content area shows the article title "Generation, visualization, and editing of 3D video" and a button labeled "Full Text as PDF". At the bottom, the author information is listed as "2 Author(s) Matsuyama, T. ; Graduate Sch. of Informatics, Kyoto Univ., Japan ; Takai, T."

3D **video** is the ultimate image medium recording dynamic visual events in the real world as is. Recorded object behaviors can be observed from any viewpoint, because 3D **video** records the object's full 3D

Zotero example: Importing from the web

- 2. Source now in library (with attached PDF of article).

Challenges in evolving controllers for physical robots	Mataric M. and Cli...	Journal Article	Nove...	Robotics and Autonom...	...
Robust localization using an omnidirectional appearan...	Matjaz Jogan and ...	Journal Article	2003	Robotics and Autonom...	...
> Generation, visualization, and editing of 3D video	Matsuyama and Takai	Conference Paper	2002	First International Sym...	...
Self-Similarity and Points of Interest	Maver	J			
> How Your Cat Is Making You Crazy	McAuliffe	M			

Info
Notes
Tags
Related

Item Type: Conference Paper

Title: Generation, visualization, and editing of 3D video

▼ **Author:** Matsuyama, T. - +

▼ **Author:** Takai, T. - +

(...) Abstract: 3D video is the ultimate imag...

Date: 2002 y

Proceedings Title: First International Symposium on 3D Data Processing Visualization and Transmission, 2002. Proceedings

Conference Name: First International Symposium on 3D Data Processing Visualization and Transmission, 2002. Proceedings

Place:

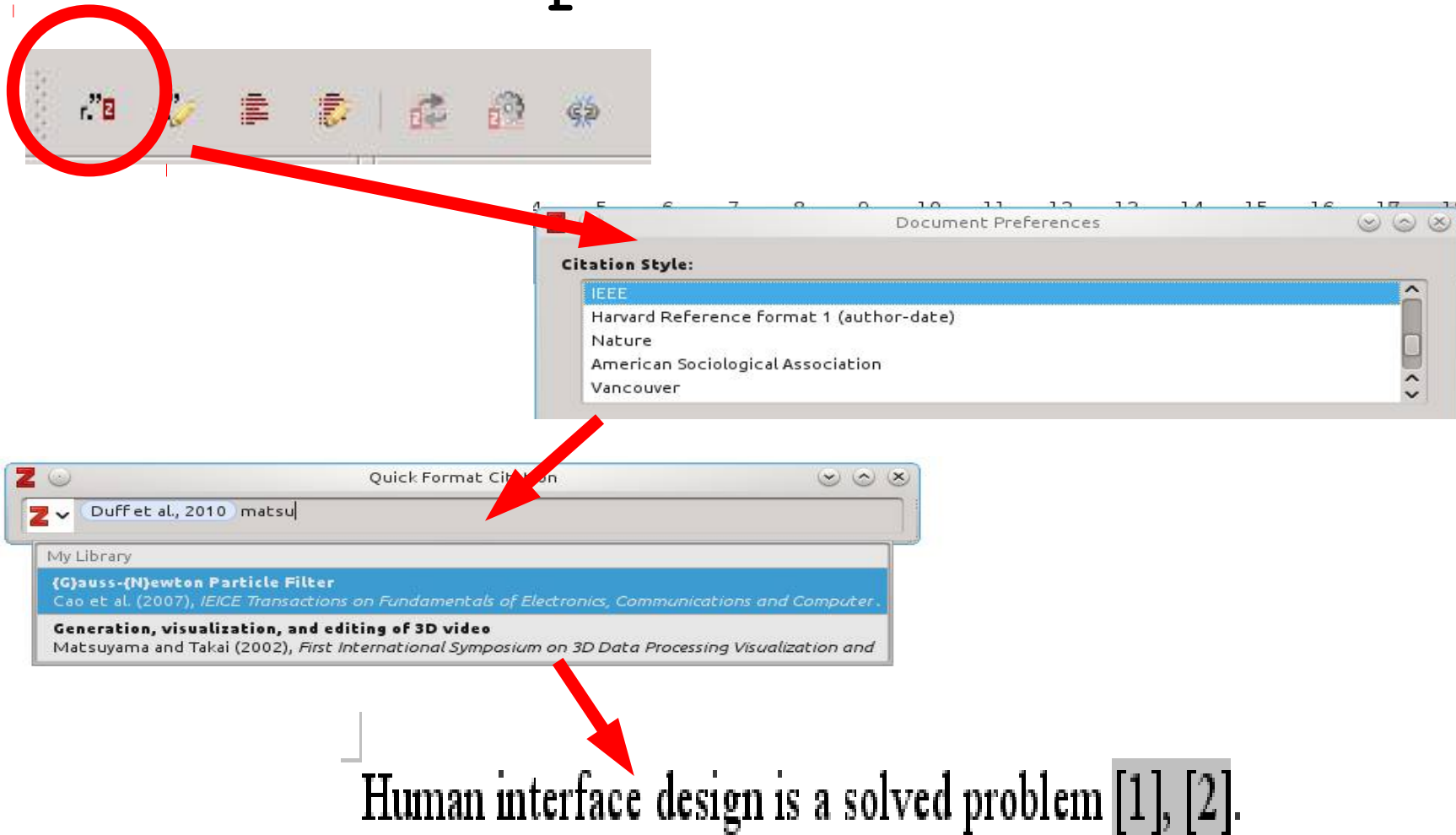
Publisher:

Volume:

Pages: 234-245

Zotero example: Insert citation into word processor

BLG374E
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Comm.
Eng.



Zotero example: Insert reference list into word processor



Human interface design is a solved problem [1], [2].

Reference List

- [1] D. J. Duff, J. Wyatt, and R. Stolkin, “Motion Estimation Using Physical Simulation,” in *Proceedings of the IEEE International Conference on Robotics and Automation*, Anchorage, AL, USA, 2010, pp. 1511–1517.
- [2] T. Matsuyama and T. Takai, “Generation, visualization, and editing of 3D video,” in *First International Symposium on 3D Data Processing Visualization and Transmission*, 2002. *Proceedings*, Padova, Italy, 2002, pp. 234–245.

How to install Zotero

Download Zotero:

<https://www.zotero.org/download/>

Download browser plugin:

<https://www.zotero.org/download/>

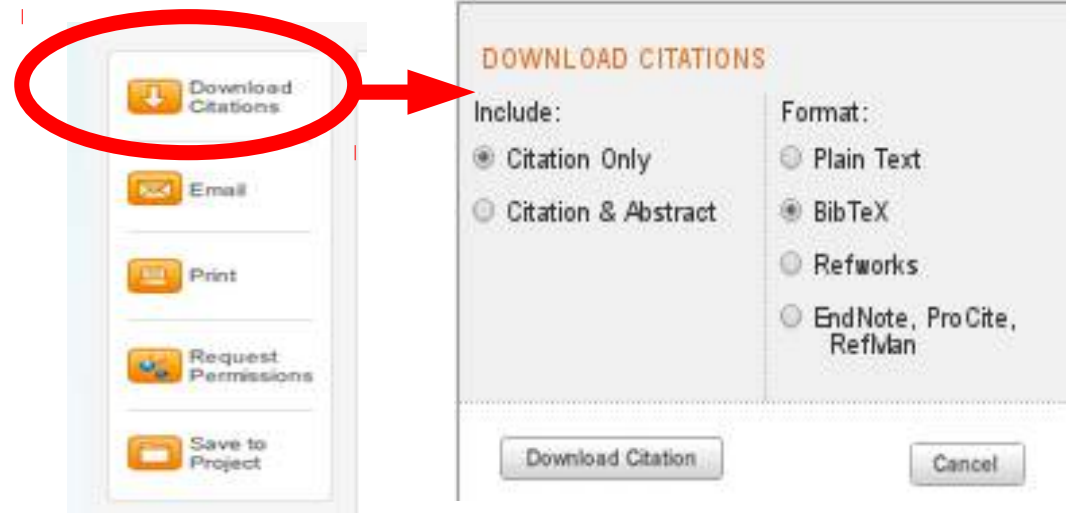
(scroll down to link for your browser).

Download word-processor
plugin:

http://www.zotero.org/support/word_processor_integration

Latex/Bibtex example: Bibtex file

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In Mybib.bib:

```
@inproceedings{duff_motion_2010,  
  year = {2010},  
  pages = {1511--1517},  
  address = {Anchorage, {AL}, {USA}},  
  url = {http://eprints.bham.ac.uk/977/},  
  title = {Motion Estimation Using Physical Simulation},  
  doi = {doi:10.1109/ROBOT.2010.5509590},  
  booktitle = {Proceedings of the {IEEE} International Conference on  
Robotics and Automation},  
  author = {Duff, Damien Jade and Wyatt, Jeremy and Stolkin, Rustam},  
},
```

```
@inproceedings{matsuyama_generation_2002,  
  address = {Padova, Italy},  
  title = {Generation, visualization, and editing of {3D} video},  
  doi = {10.1109/TDPVT.2002.1024068},  
  booktitle = {First International Symposium on {3D} Data Processing  
Visualization and Transmission, 2002. Proceedings},
```

Latex/Bibtex example: Bibtex file

In mytex.tex:

```
\documentclass{article}  
\begin{document}  
\bibliographystyle{ieeetr}%Choose a bibliographic style  
  
Human interface design is a solved problem  
\cite{duff_motion_2010,matsuyama_generation_2002}.  
  
\bibliography{mybib}  
\end{document}
```

Commands to run:

- (1) `pdflatex mytex.tex`
- (2) `bibtex mytex`
- (3) `pdflatex mytex.tex`

Human interface design is a solved problem[1, 2].

References

- [1] DUFF, D. J., WYATT, J., AND STOLKIN, R. Motion and physical simulation. In *Proceedings of the IEEE International Symposium on Robotics and Automation* (Anchorage, AL, USA, 2010),
- [2] MATSUYAMA, T., AND TAKAI, T. Generation, visualization and transmission of 3D video. In *First International Symposium on 3D Data Processing, Visualization and Transmission, 2002. Proceedings* (Padova, Italy, 2002),