



華中師範大學  
CENTRAL CHINA NORMAL UNIVERSITY

忠诚 博雅 朴实 刚毅



# CSIT940 Research Methodology Tutorial Class

- ❖ **Location: N512**
- ❖ **Time: UOW WEEK 1-13**  
**THU 14:05 – 16:05**





## 0. Assignment

### Assignment 1: Nominate the Topic

#### Nominate the Topic

You need to select a topic around "AI";

Describe the reason why you pick it;

Finally, list the relevant references for your topic.

Tips: Pdf are produced from Latex. you need to submit the .pdf and .tex

在Moodle上提交!



## 0. Assignment

### Assignment 2: Annotated Bibliography

怎么写 Annotated Bibliography:  
余老师课件 Lecture 2 page38- 39.

作业要求:  
使用Latex编写;  
至少分析五篇文章;  
提交纸质版;

### Sample Annotated Bibliography

(1) Trevor, C.O., Lansford, B. and Black, J.W., 2004, 'Employee turnover and job performance: monitoring the influences of salary growth and promotion', *Journal of Armchair Psychology*, vol 113, no.1, pp. 56-64.

(2) In this article Trevor et al. review the influences of pay and job opportunities in respect to job performance, turnover rates and employee motivation. (3) The authors use data gained through organisational surveys of blue-chip companies in Vancouver, Canada to try to identify the main causes of employee turnover and whether it is linked to salary growth. (4) Their research focuses on assessing a range of pay structures such as pay for performance and organisational reward schemes. (5) The article is useful to my research topic, as Trevor et al. suggest that there are numerous reasons for employee turnover and variances in employee motivation and performance. (6) The main limitation of the article is that the survey sample was restricted to mid-level management. (7) thus the authors indicate that further, more extensive, research needs to be undertaken to develop a more in-depth understanding of employee turnover and job performance. (8) This article will not form the basis of my research; however it will be useful supplementary information for my research on pay structures.

#### Key

- (1) Citation
- (2) Introduction
- (3) Aims & Research methods
- (4) Scope
- (5) Usefulness (to your research/ to a particular topic)
- (6) Limitations
- (7) Conclusions
- (8) Reflection (explain how this work illuminates your topic or how it will fit in with your research)



## 1. Topic Tips

In this module, we insist on a 3 part approach

**Part 1: Overview of your chosen broad topic**

The field that contains your research question

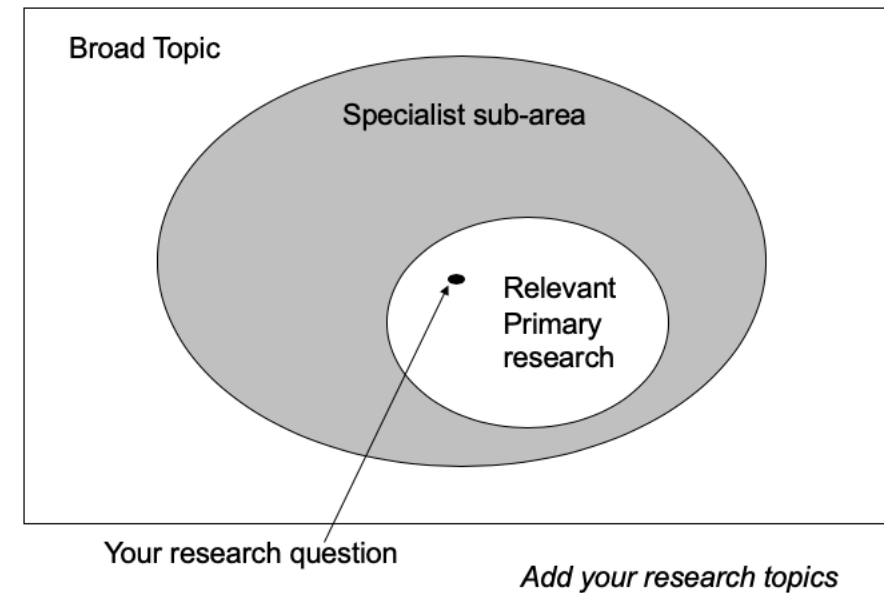
**Part 2: Explanation of your sub-area**

The area containing your research question

**Part 3: In-depth analysis of research relevant to your research question**

Critical evaluation of the *primary research papers* directly related to your research question

### Overall Structure







## 2. Annotated Bibliography

The purpose of an annotated bibliography is to help the researcher capture the **ESSENCE** of published works in an area of research interest.

### Sample Annotated Bibliography

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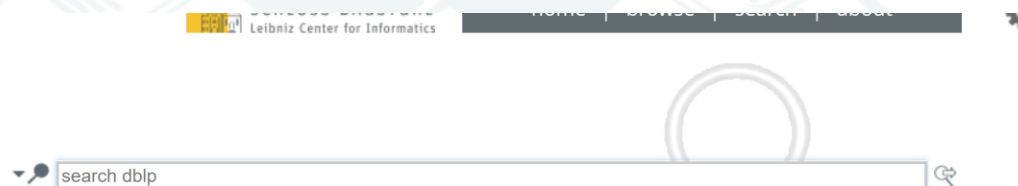
- [1] Y. LeCun, Y. Bengio, and G. Hinton, "Deep learning," *Nature*, 2015.
- [2] G. Hinton, L. Deng, D. Yu, G. E. Dahl, A.-r. Mohamed, N. Jaitly, A. Senior, V. Vanhoucke, P. Nguyen, T. N. Sainath *et al.*, "Deep neural networks for acoustic modeling in speech recognition: The shared views of four research groups," *IEEE Signal Processing Magazine*, 2012.
- [3] A. Krizhevsky, I. Sutskever, and G. E. Hinton, "Imagenet classification with deep convolutional neural networks," in *Advances in Neural Information Processing Systems*, 2012.
- [4] D. Bahdanau, K. Cho, and Y. Bengio, "Neural machine translation by jointly learning to align and translate," in *Proceedings of the 4th International Conference on Learning Representations*, 2015.
- [5] A.-L. Barabasi, *Network science*. Cambridge university press, 2016.
- [6] D. I. Shuman, S. K. Narang, P. Frossard, A. Ortega, and P. Vandergheynst, "The emerging field of signal processing on graphs: Ex-



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

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


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[j47]  electronic edition via DOI  references & citations  ao , Lei Wang , Luping Zhou: **ilistic Approach to Cross-Region Matching-Based Image Retrieval**. IEEE Trans. Image Process. 28(3): 1191-1204 (2019)

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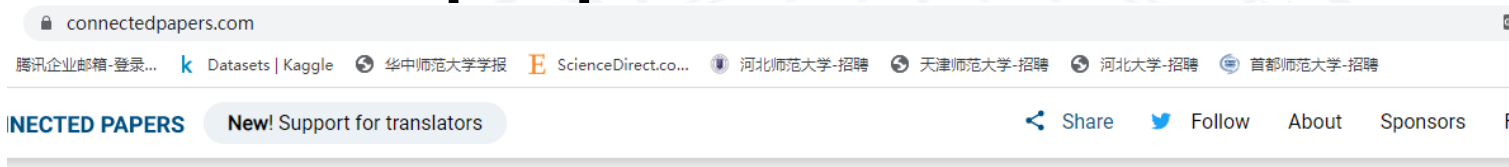
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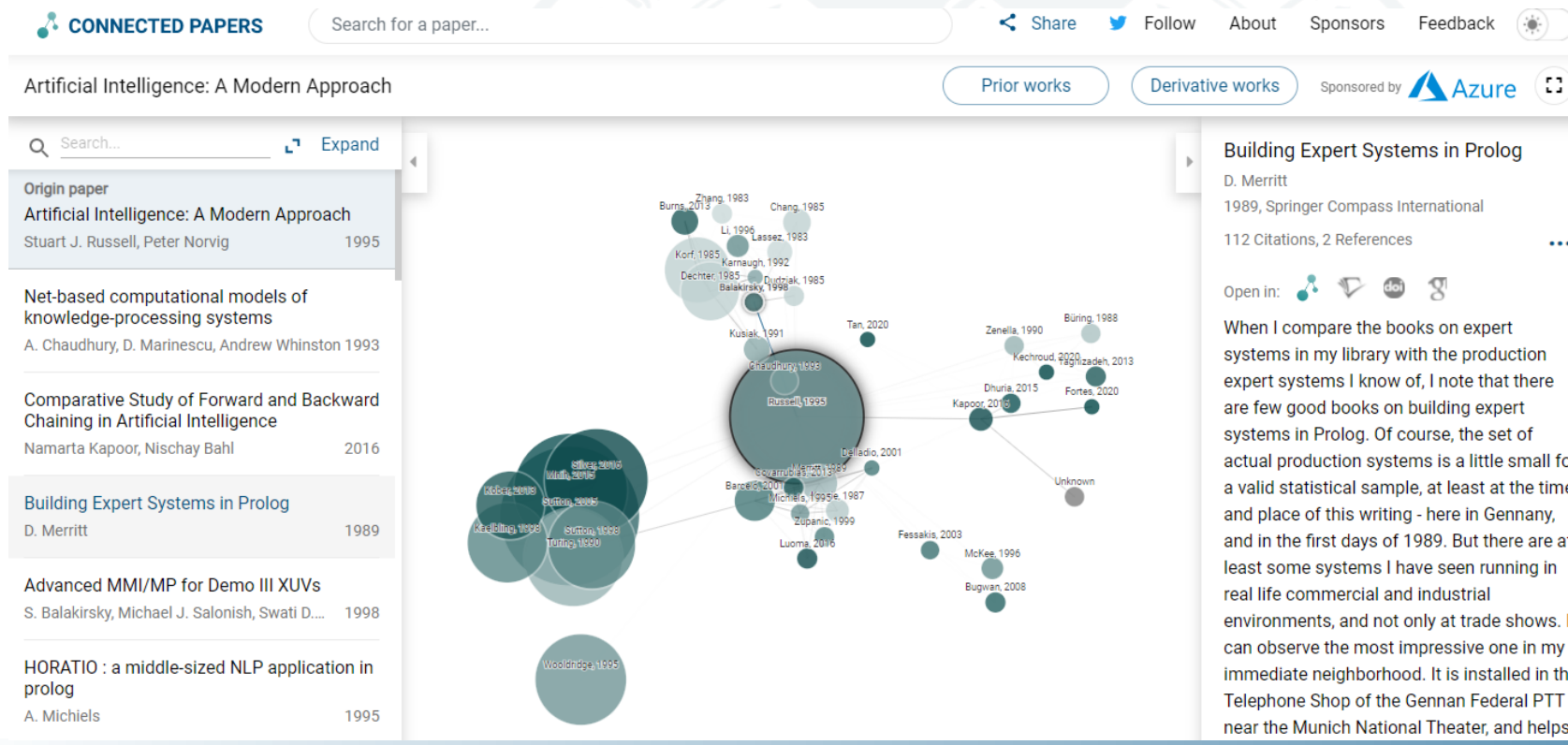




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**Authors:** [Liu, Xiao](#)<sup>1</sup> (AUTHOR) [xliu@stern.nyu.edu](mailto:xliu@stern.nyu.edu)  
[Lee, Dokyun](#)<sup>2</sup> (AUTHOR) [dokyun@cmu.edu](mailto:dokyun@cmu.edu)  
[Srinivasan, Kannan](#)<sup>3</sup> (AUTHOR) [kannans@cmu.edu](mailto:kannans@cmu.edu)

**Source:** [Journal of Marketing Research \(JMR\)](#). Dec2019, Vol. 56 Issue 6, p918-943. 26p. 6 Diagrams, 8 Charts, 4 Graphs.

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