



THE UNIVERSITY of EDINBURGH
informatics

Informatics Research Review: Tutorial 3

Academic year 2024-2025

Semester 1, Week 5



THE UNIVERSITY of EDINBURGH
INFORMATICS FORUM

Overview

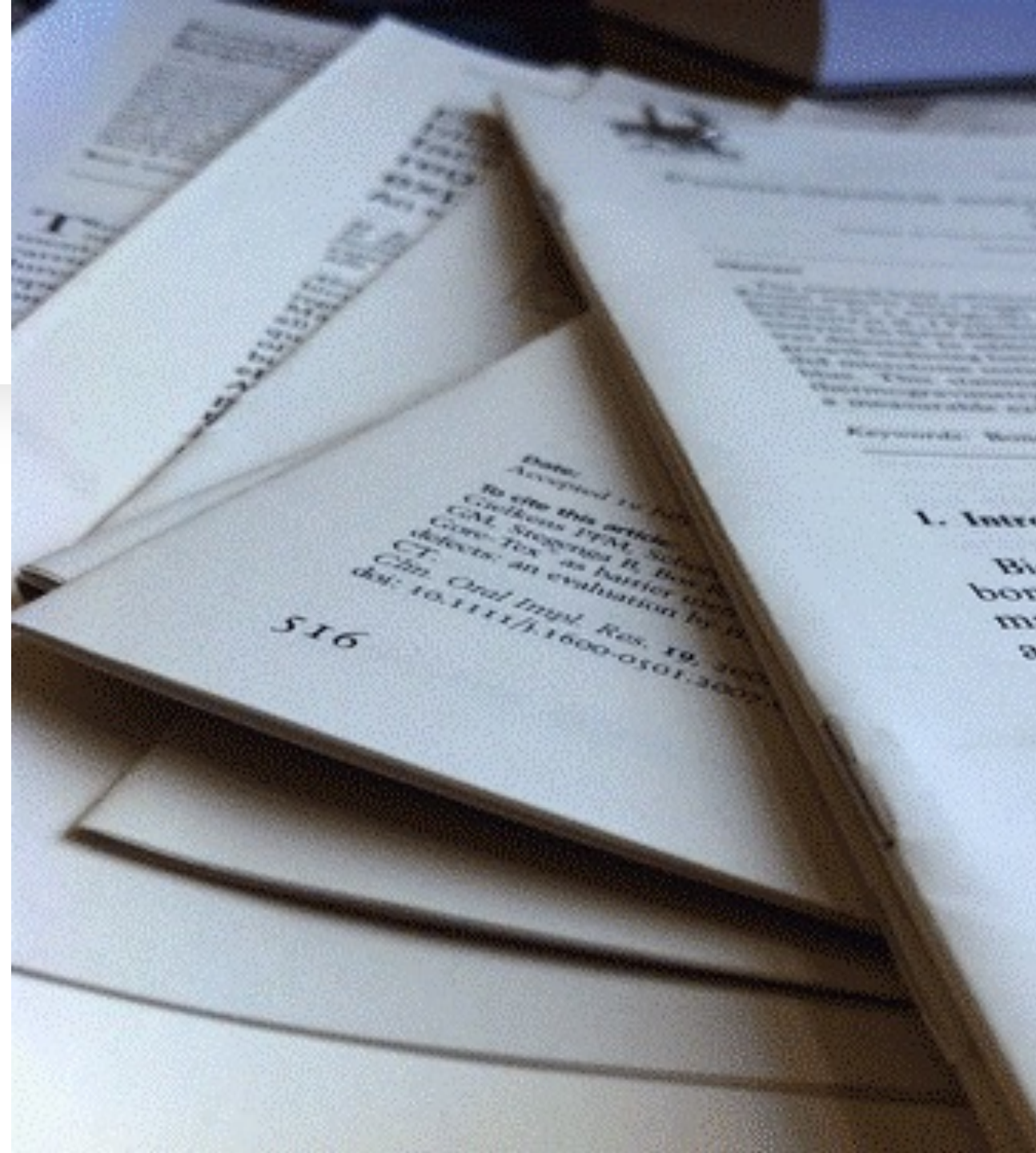
1. **Finding academic papers:
Creating a Bibliography of
Seed Papers** (20 min)
2. **Reading Academic Papers:
Note Taking** (30 min)



Finding academic papers

Exercise A: Creating a bibliography of seed papers

Objective: To develop skills in identifying relevant academic seed papers and articulating the rationale for their inclusion in a bibliography related to your research aims and questions.



Exercise A: Creating a bibliography of seed papers – Group Activity

1. Two volunteers present their bibliography, briefly summarising the rationale for each paper
2. Discuss challenges and insights into the process of creating a bibliography. Some students might share one key takeaway that could improve their approach to bibliography creation.



Reading academic papers

Exercise B: Reading academic papers

Objective: To develop effective techniques for summarising and organising information from academic papers for effective literature review and referencing.



Exercise B: Note taking – Individual Activity

Instructions: Picking up one of the papers identified in Exercise A, complete the following categories to create a structured summary. This information will help you build a spreadsheet for managing and navigating through the papers you review during your coursework:

1. **Title of the article**
2. **Authors**
3. (optional) **Journal (or Publication Outlet)**
4. **Publishing Year**
5. **Tags/keywords**
6. **Background** (e.g., What was the context for this research? When and where did the research take place?)
7. **Objectives:** What was the objective? What did the research aimed at achieving?
8. (optional) **Data** (Did the authors collected any data? If so, what are the sources and key characteristics of the main data/sample?)
9. **Methods and Nature of the Study:** (e.g., How did the author(s) collect data? How did the authors processed the data? Any key methods relevant to the implementation of the research?)
10. **Key Results** (e.g., What key findings emerged? Were there any surprises, contradictions, or novel findings?)
11. **Conclusions** (What could be learnt from this paper overall?)
12. (optional) **Future research** (Has the study proposed any future research direction or deficiencies to be addressed by future research?)
13. **Significance** (Why does this research matter? What is the contribution to the state of knowledge?)
14. **My thoughts and questions** (Any ideas, questions, limitations and/or research opportunities this paper may provide)



Exercise B: Note taking – Group Activity

1. Two volunteers share their notes, focusing on the points 1, 5, 10, 13 and 14 (see slides 6)
2. If time permits discuss with the entire group.

