# Homework #1

Finish this assignment before the beginning of next lecture on Feb 29.

1. **Collect at least 4 research articles from scientific journals in your field.**

* “In your field” means, choose journals that you read for your own research and which you aim to publish in.
* Articles should be written by a researcher/research team at an English-speaking institution, or by a native speaker of English.
* Articles should be reasonably short (less than ~15 pages including graphs and tables).
* Articles should be no more than 5-10 years old.
* Articles should be research articles that you consider to be well written.
* Articles should have clearly defined Introduction, Methods, Results, Discussion and Conclusion sections, or other identifiable subsections that fit the kind of work you are doing.
* Out of your 4 articles, no more than 2 papers should be published in Nature/Science/PNAS or similar journals, in which the methods section is added as an appendix.

Submit this task by emailing a one-page bibliography to the TA and cc the Professor.

Use an academic citation style consistent with the journals your field (e.g., Nature or Physical Review). Do not submit URLs or other links. You can either generate the bibliography by hand or using a research software like BibTeX ([link](https://webmaster.iit.edu/files/graduate-academic-affairs/latex-bibliography-help.pdf)) or Zotero ([link](https://www.zotero.org/support/installation), [link](https://guides.library.illinois.edu/c.php?g=627765&p=4379755)).

1. **Read the book “Science Research Writing” by Glasman-Deal up to page 44.**

Many exercises in the book provide an answer key. For your own benefit, try the following exercises by yourself before looking at the answers:

Exercise 1: fill in the empty boxes on p.5.

Exercise 2a: work through 1 of the provided examples.

Exercise 2b: work through 1 of the provided examples.

1. **Do Exercise 3 on page 34.**

* Work through the introduction in 1 of your selected research articles.
* Mark which parts correspond to Components 1-4 of the generic model presented in the book (p.17).
* Highlight key words/phrases that are mark the transition between components.
* If your article shows significant deviations from the generic model presented in the book, also note them.

Bring your notes to class next time. Be ready to present your analysis if requested.

(e.g., bring your laptop and notes in form of a marked pdf which we can share in class)