

# H02C8b Information Retrieval and Search Engines: Project Handout

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## 1 $\text{\LaTeX}$ syntax for floats

Figures and tables will stay in one column with `\begin{figure}` and `\begin{table}` and you can allow them to stretch across both columns with `\begin{figure*}` and `\begin{table*}`.

## 2 $\text{\LaTeX}$ syntax for citations

You can cite sources like [Ouyang et al. \(2022\)](#).

## 3 Style tips

Highly recommended is to render your figures as PDFs. For block diagrams, we recommend [draw.io](#). For other visuals (graphs, histograms, bar plots, numerical tables ...) we suggest the [fiject](#) Python package.

If you want inspiration about how you could format queries and responses, you could check out the GPT-4 paper ([Bubeck et al., 2023](#)).

## **Bibliography**

- Bubeck, Sébastien, Chandrasekaran, Varun, Eldan, Ronen, Gehrke, Johannes, Horvitz, Eric, Kamar, Ece, Lee, Peter, Lee, Yin Tat, Li, Yuanzhi, Lundberg, Scott, Nori, Harsha, Palangi, Hamid, Ribeiro, Marco Tulio, and Zhang, Yi (Apr. 2023). *Sparks of Artificial General Intelligence: Early experiments with GPT-4*. arXiv:2303.12712 [cs]. DOI: [10.48550/arXiv.2303.12712](https://doi.org/10.48550/arXiv.2303.12712). URL: <http://arxiv.org/abs/2303.12712> (visited on 2023-04-25).
- Ouyang, Long, Wu, Jeff, Jiang, Xu, Almeida, Diogo, Wainwright, Carroll L., Mishkin, Pamela, Zhang, Chong, Agarwal, Sandhini, Slama, Katarina, Ray, Alex, Schulman, John, Hilton, Jacob, Kelton, Fraser, Miller, Luke, Simens, Maddie, Aspell, Amanda, Welinder, Peter, Christiano, Paul, Leike, Jan, and Lowe, Ryan (Mar. 2022). *Training language models to follow instructions with human feedback*. arXiv:2203.02155 [cs]. DOI: [10.48550/arXiv.2203.02155](https://doi.org/10.48550/arXiv.2203.02155). URL: [https://cdn.openai.com/papers/Training\\_language\\_models\\_to\\_follow\\_instructions\\_with\\_human\\_feedback.pdf](https://cdn.openai.com/papers/Training_language_models_to_follow_instructions_with_human_feedback.pdf) (visited on 2023-02-04).