

### Homework 4 Readings

Please read the paper listed below, for **three** papers in total.

You will write a reaction article that discusses the below three papers in 1-2 page document. No restriction on font size etc. Content quality matters more than quantity. The article should ideally include:

- (1) a brief executive summary of what each paper's key messages and contributions are
- (2) your own perspectives on the strengths and weaknesses of the below papers
- (3) your own thoughts on future research ideas that builds on these papers (e.g., learning algorithms or engineering strategies that might lead to better empirical performance, ideas for better dataset construction, ideas for investigating related research problems)
- (4) feel free to read additional related papers you might find relevant and incorporate in your discussion!

Please submit your writeup as a PDF on Canvas, as well as a comment in the relevant Piazza thread (as last week). Since reading papers can be difficult at first, we recommend forming groups and discussing the content with your peers. You can also discuss the papers during office hours.

### Papers

Link: [Phrase Grounding by Soft-Label Chain Conditional Random Field](#)

Link: [\[demo\] Verb Physics: Relative Physical Knowledge of Actions and Objects](#)

Link: [\[demo\] Connotation Frames: A Data-Driven Investigation](#)