

CS 224 Fall 2023
<lecture date>

Scribes: <names>

Lecture <number>: <title>

Please use this file as a template for writing scribe notes. Below we provide some instructions on scribing.

1 Scribe duties

Every student will be assigned to scribe one lecture. Based on current enrollment numbers, this means almost every lecture will be scribed by two students, with a few scribed by three.

Your responsibilities:

1. **Sign up by 9/8 for scribing duties at the link in the Canvas announcement (first come first served)** – please pick based on your calendar constraints rather than based on topic as the latter may change. Should you decide to drop the course before your first scribe date, please inform Sitan ASAP and, at the latest, 24 hours before the scribe date.
2. **Submit a polished version of your scribe notes to Sitan and the TFs one week after the lecture was given.** You may either collaborate with the other scribes to produce this, or work independently. The email should be titled “[CS 224 Scribing] Lecture #<number>” and the TeX file should be named `cs224-1ecNUMBER.tex`.

You are welcome to set up an appointment with Sitan to discuss the strengths and weaknesses of your draft. The scribe notes will be evaluated based on mathematical correctness, clarity of writing, faithfulness to what was covered in lecture, and inclusion of bibliographic pointers to relevant literature.

2 TeX conventions

Please refrain from using a separate style file; instead define any macros that you need within this TeX file.

For the bibliography, directly add BibTeX entries to `refs.bib` and include that file as an attachment when you email your scribe notes. Here is an example inline citation [Hom78].

Here is a sample theorem and proof:

Theorem 1. $1 + 1 = 2$

Proof. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris. Nam arcu libero, nonummy eget, consectetur id, vulputate a, magna. Donec vehicula augue eu neque. Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Mauris ut leo. Cras viverra metus rhoncus sem. Nulla et lectus vestibulum urna fringilla ultrices. Phasellus eu tellus sit amet tortor gravida placerat. Integer sapien est, iaculis in, pretium quis, viverra ac, nunc. Praesent eget sem vel leo ultrices bibendum. Aenean faucibus. Morbi dolor nulla, malesuada eu, pulvinar at, mollis ac, nulla. Curabitur auctor semper nulla. Donec varius orci eget risus. Duis nibh mi, congue eu, accumsan eleifend, sagittis quis, diam. Duis eget orci sit amet orci dignissim rutrum. \square

Here is a sample reference to Theorem 1.

3 Algorithm pseudocode

Here is a template for writing algorithm specs in \LaTeX :

Algorithm 1: AVERYSMARTALGORITHM(A, x)
Input: $A \in \mathbb{R}^{d \times d}, x \in \mathbb{R}^d$
Output: Determines whether $Ax = 0$
1 $v \leftarrow Ax$ // Compute matrix-vector product
2 if $v = 0$ then
3 return True
4 else
5 return False
6 end

References

[Hom78] Homer. *The Iliad*. McHaw-Grill Book Co., New Cork, third edition, 1978.
An epic poem in dactylic hexameter, translated from the Greek by A. Guy.