

Week 5 – Additional Notes

*Prof. Arnab Bhattacharyya*

- The derivation of the Chernoff and Hoeffding bounds can be found in Chapter 4 of MU.
- Some notes on Count Sketch: [https://courses.engr.illinois.edu/cs598csc/fa2014/Lectures/lecture\\_6.pdf](https://courses.engr.illinois.edu/cs598csc/fa2014/Lectures/lecture_6.pdf) (by Chandra Chekuri).
- Some notes on randomized rounding to find low-congestion paths here: <http://david-kempe.com/teaching/randomized-rounding.pdf> (by David Kempe).