CS388R: Randomized Algorithms David Zuckerman

Problem Set No. 1 due: Sep. 11, 2008

- 1. Exercise 1.9 (page 22).
- 2. Problem 1.1a.
- 3. Problem 1.5. Show that the *expected* number of random bits for one sample is  $O(\log n)$ .
- 4. Problem 1.6.
- 5. Problem 1.8.