CS 254 HW2

Grading

- Due 2014-01-23 @ 2pm. (Right before class).
- Please send all submissions (both LaTeXed and handwritten) to cs254-win1314-hw@lists.stanford.edu

Problem 1

Let size(f) be the size (in number of gates) of the smallest circuit that computes f.

Prove: forall sufficiently large n, there exists $f : \{0,1\}^n$ such that $n^3 \leq \text{size}(f) \leq n^3 + 10n$.