
COL351: Analysis and Design of Algorithms

Instructor: Ragesh Jaiswal

1. Discuss Quiz-2, Homework-2, and Minor-1.
2. Argue that the approximation factor of $O(\log n)$ given by the `greedySetCover` algorithm, discussed in class for the Set cover problem, is *tight*. What this means is that you have to think of problem instances where the greedy algorithm gives an approximation factor of $\Omega(\log n)$.