

CS325 Winter 2017: practice question set 1

This set of practice questions help you review the following concepts:

- Asymptotic growth of functions.
- Proof by induction.
- Characterize run time of recursive algorithms with recurrence relations.
- Solving recurrence relations using recursion tree and telescoping.

DPV: Algorithms by Dasgupta, Papadimitriou & Vazirani

1. DPV 0.1
2. DPV 0.2
3. DPV 0.3(a)
4. DPV 2.3
5. DPV 2.4