

Algorithm Homework - Week 11

Due date: Dec 2, 2021

1. Draw the recursion tree for $T(n) = 4T(n/2) + cn, T(1) = d$, where c is a constant, and provide a tight asymptotic bound on its solution.
2. Textbook page 107, 4-1 (b),(c),(d)
3. Textbook page 107, 4-2 (b)