

CSCE 5150, Fall 2007

Homework- 1

Solve the following problems from the text book:

4-1: b, d, f, h (page 85)

4-4: b, c, f, j (page 86)

In addition to the above solve the following.

Let $0 \leq \alpha \leq \frac{1}{2}$ be a fixed constant.

Solve $T(n) = T(n \cdot \alpha) + T(n \cdot (1-\alpha)) + n^2$