<div align="center">

CS5114 Spring 2010 Homework Assignment 2
Due Thursday, February 4 at 11:00pm
50 points

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1. Manber 3.5

2. Provide an exact solution to the following recurrence, assuming that n has a "nice" form. What is a nice form in this context? Prove that your solution is correct.

$$
\begin{aligned}
T(2) &= 1 \\
T(n) &= T(\sqrt{n}) + 1
\end{aligned}
$$

3. Manber 3.22