Homework #10

due: Thursday, April 28, 2011

- Write your name at the top of each page of your solutions.
- Clearly indicate the start of the solution for each problem.
- Properly order and staple all pages of your solution.
- Show all of your work!
- A solution that requires physical units is incorrect without them.
- Clearly identify your result (e.g. box or circle the result).
- Always write neatly! If it cannot be read, it will not be graded!

- Always read the associated sections of the textbook before attempting the homework problems!

1. Roth & Kinney – problem 13.3
2. Roth & Kinney – problem 13.11
4. Roth & Kinney – problem 14.7
5. Roth & Kinney – problem 14.15
6. What is the difference between problem 14.15 and 14.16 in Roth & Kinney?
   Do NOT do problem 14.16.
   Simply provide a brief statement explaining the difference between these two problems.
7. Roth & Kinney – problem 14.8 – determine state tables only.
   Typical input and output sequence:

   $X_1 = 1001001110...$
   $X_2 = 1000110011...$
   $Z_1 = 00100101010...$
   $Z_2 = 01000100001...$

   *Regardless of any value of $Y$. 

1 of 1

Spring 2011