

HOMEWORK #8 (last one!)

Due Friday, August 19, 2011 (5:00 p.m.)

Final Exam: Wednesday, August 24, 3:30–4:50 p.m. (open book/open notes)

Reading: Chapters 3 (3.9) and 8 (8.9–10)

Problems: 6.2, 6.4, 6.6, and 6.32

Problem: 8.26

Problem: For the CD controller covered in class, (i) replace the D flip-flop of the Mealy machine with a T flip-flop and sketch the new circuit. (ii) Instead, replace the D flip-flop with an SR flip-flop (it is not necessary to redraw the circuit) and discuss how it compares with the result derived in class using a JK flip-flop.