Problem 1  Compose the two SM’s shown in Problem 2 and 6 of Chapter 1.

Problem 2  Show that $L_m(G^c) = L(G) - L_m(G)$ does not hold for nondeterministic state machines.

Problem 3  Do Problem 2 of Chapter 1.

Problem 4  Do Problem 3 of Chapter 1.

Problem 5  Do Problem 4 of Chapter 1.

Problem 6  Do Problem 5, Chapter 1.