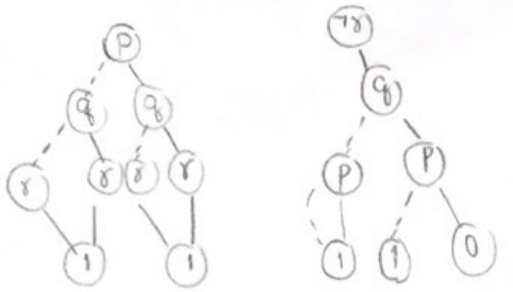
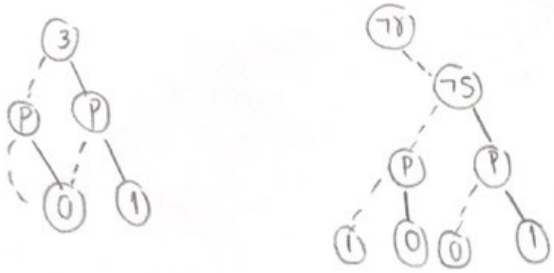
Problem 1



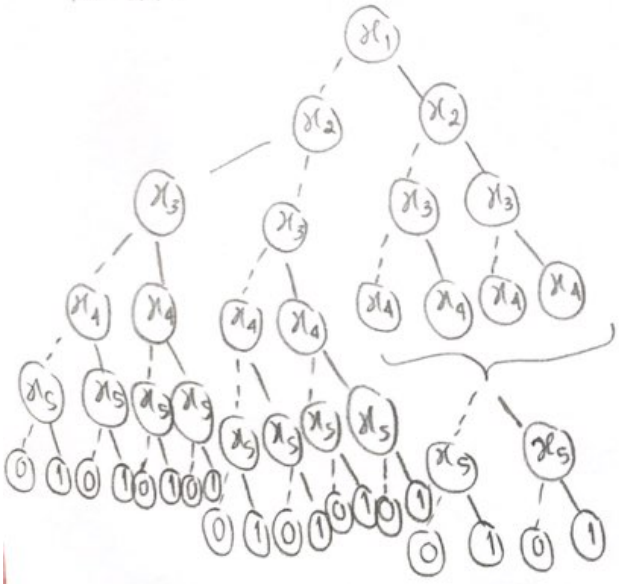
not logically equivalent

Problem 2



equivalent

Problem 3



Problem 4

4.1) AUB 1

4.2) B-C {-6,2}

4.3) {{-1},{0},{1}}

4.4) {-5,-4,1,3,8,10,14,16}

4.5) {{-1,4},{0,4},{1,4}}

4.6) {{1}}

Problem 5

5.1) {{0,0},{1,2},{2,4},{3,6},{4,8},{5,10},{6,12},{7,14}}

5.2) {{1,1},{2,8},{3,12}}