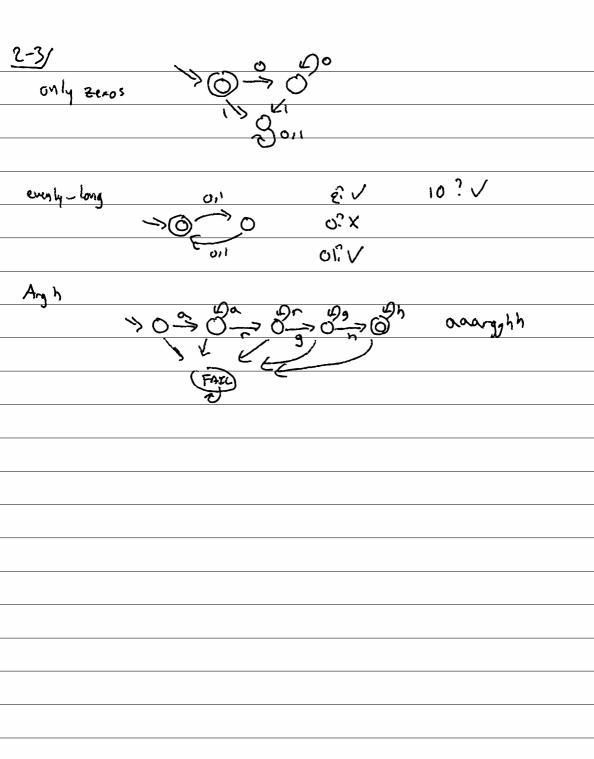
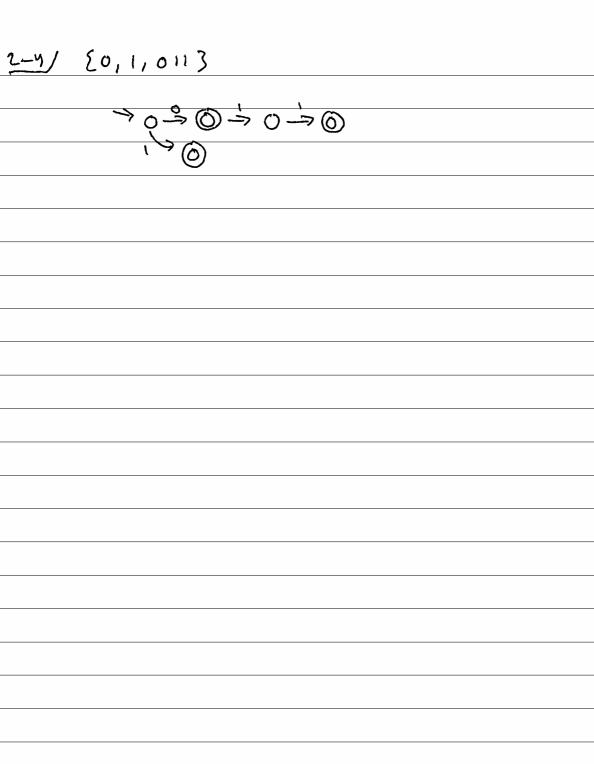
2-1 & Ex} ADB ANB AC P(A) Universe - strings of & Alphabet & 20,13 ٤× ALL = P(E*) - All strys made of os - All shings that are GIF - All Harry novels - All algeba problems "x+3=7" - All the night formula FIN Ezmiklict? " 1+1=2" "Vx, x+0=x"





2-5) $\times \in DFA = (0, E, Bo, S, F)$ States alphabet $\in O$ $0 \times E \Rightarrow Q$ shortly transitions accepting states DFA configuration = Q x E* = [g] w

Shike string [A] 011 config updale rule: DEA config x config [8]w > [8']w' [qi]cx > [qi]x iff 8(qis,c) = q; X & DFA iff [80]x >>>>> [8f] & where 8f & F

Z 2-7/ class DFA & - Q, E, go, 8, F public bool accepts (Strong iv) & State q; = go; while (w, emp40) { g; = 8 (agr) w, first()) w= wires+(); 3 netural # F. in (q;); 3