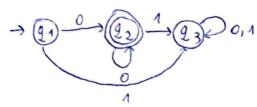
Geminar II

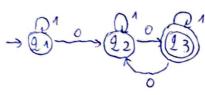
1 E = {0,1}. construite DFA pt:

QL1 = { x/W contine door o}

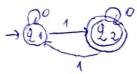


int \$ → (1) 1 2011

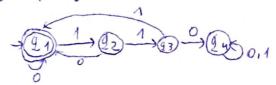
DL2 = { w | w contine un nr par de 0 - uri }



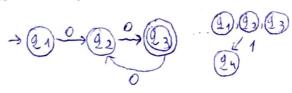
© L3 = {w | w contine un nr. impar de 1-wri}



D Ly = { w | w nu contine 110}



Q L5={0²ⁿ/n≥1}



DL6 = {12n+1/n≥1}

- 2 Dem. fori a construi explicit automate cà: L1, L7 E REG L8={ W | | Who E2 Z/ san | W|1 E 2Z/+1} E REG
 - . prep: L1)L2 & REG =) {L1 UL2 & REG L1 L2 & REG L & REG =) L* & REG
 - · L1 E {0}* => L1 EREG
 - · Ly = L5L6 | =) Ly EREG LG EREG
 - · L8 = L2 UL3 =) L8 EREG L2 EREG L3 EREG
- 3 suite un DFA care recursoaste comentariile bine-finite peste alfabelul z={a,b,m/,+j} un comentariu este un cuo care: incepe ca /* oi se termină cu */