(30000 WOLV TO DLY Tuning mark 1 with transmittion to ble symbol= abic, 1213 e wite first state later, for newstates also alphabet = Eoi3, Saib3 coribe hasilton e had 3) combinestace occording to hable string = 01,10,110,12301 language = [01, 10, 110, 1110, 110] NOPPAT (90) 1 ON X (92) Power of sigma = & = set of of &= 5013 To 80 20A1 9, 92 (92) £ 2 { E] set of strings length a devoted by E E1= \$1123, &2= E01,10,01,113 23= 5000, 101, 110, 011, 001, 101,010, 001, 010, 000, 9091 9082 209192 coordinality = no of strings (r) elementes per set 9092 (93 Cordinality & h=2h 809192 9092 909192 PSM2 & > (Kleen closore) > sel of all strings of all possible et all possible strings except G09192 E* = E+ 50 x DEA 5 Q > 5 = Q (\$12.5, 901 F) NOTA > only or epath Himm DAN to NOFA- panimization of DFA 1 Draw the transmission table to find & cheack each agrown with other same remine mas keep is came, different means separate NFA DPA DEA NOPA (B) until TIN= Tin+1 and empty string transition -> can use empty set as TO = \$90,90,953 -> difficult to construct -seasy to construct 91/193 3 9293943 -> All DFA ove NDFA * - Noal NFA or MOFA 4 Siral 2 93 93 95 PASTO PICSTON Th. 594 294923 GXE -> 2ªQ + 94 94 1203 next possible states 25 U 95 95 94 E933, [9472) Janly one next state sused in laxical analysis d many next states A 2 (1) = 1(2+), x+) 112 = 20,1923 moore machines 2203 933 . Tax Regular larguage given n(nput) - n4 601pus 6 toples (90/a) a language that is recognized by FSM 1 memory's very limited one [a, E, 90, Aunob 5] +10 | 1 | output @ cannot store strings () Fish control count strings like (anibm) angutantial close also considered as output nd Regular larguage: X CXZ = mealy machine - language which is not recognified FSM a larguact, "which require memory every arc (or) transition has output peration of house of people Tan out on out onions & pair 3 usticus = [pairitius] = regola [n@npd=n(output)] presentan(n) = { ambniabm} n { ambnibnam}e { ambnibnam}e { ambnibnam}e 1:00 meaderation(1 = SPA3-SRIS) = SPRIPS, 9RIAS Legular Positive closure (ET) Kleen Closure(E) stregular altegular 5(98) = V(d4)

