

F.S.M. (Si, S, Ao, F, S)

 $M_1 = (\{0,1\}, S, A_0, F_1, S, \}$ $M_2 = (\{0,1\}, T, \epsilon_0, F_2, S_2)$

L(M) = "ACCOMED"

by FSM M

M= ($\{0,1\}$,

ntates $(2\times T)$ red of pairs (a,b) $a \in S$ $b \in T$ ntate (e_0,t_0) final (e_0,t_0) final (e_0,t_0) (a,b) $b \in E$ (a,b) $a \in S$ (a,b) $b \in E$ (a,b) $b \in E$ (a,b) $a \in S$ (a,b) (

U (FIRSUTXF2
OSPS!

A language recognized by a FSM is called REGULAR The Even itages in birry are regular Multiple of 5 in himy one regular Can Multiple of 10 in briang are regular The H 2, and L2 are regular, then
L, ML2 is regular
C, U L2 is regular the Am finite set is regular Them If I contain of one string, & his regular

