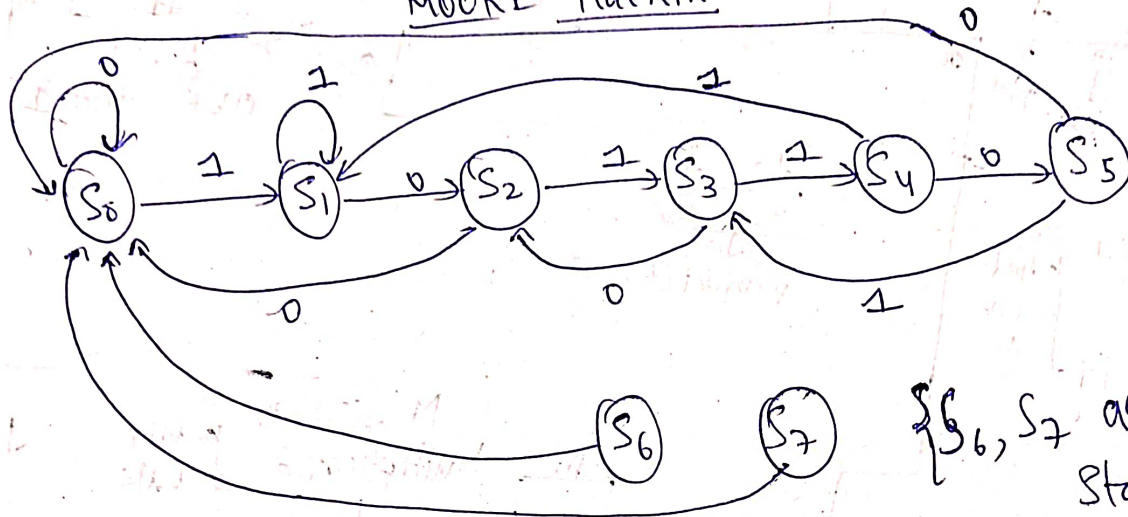


## State Diagram:

### MOORE Machine



$\{S_6, S_7\}$  are unused states

### Binary assignment:

$S_0 : 000$

$S_1 : 001$

$S_2 : 010$

$S_3 : 011$

$S_4 : 100$

$S_5 : 101$

$S_6 : 110$

$S_7 : 111$

} Unused states.

# Design of Structural Modeling

