

Example
moore

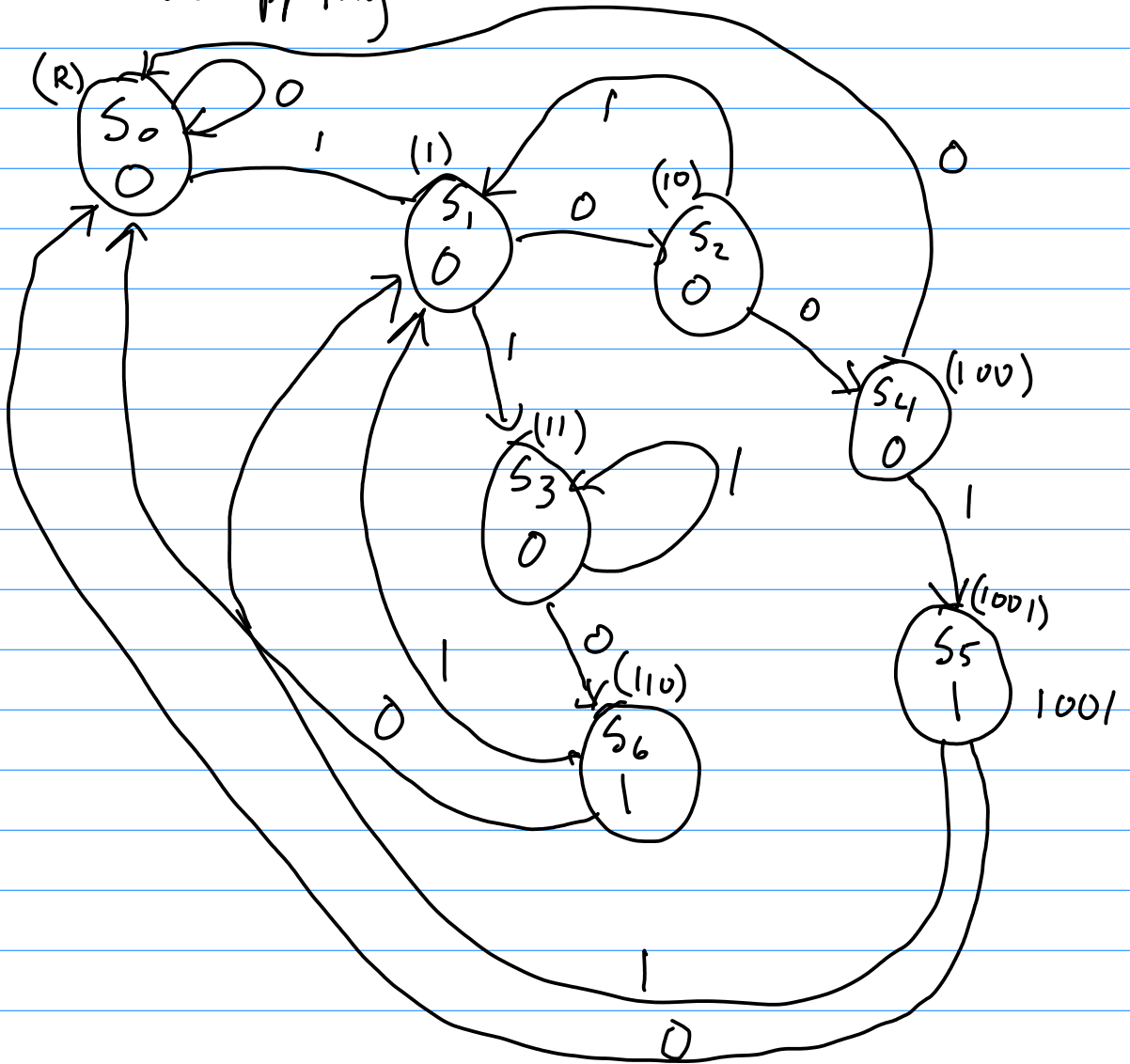
Detect sequences of 1001 or 110
No overlapping

States
needed

R

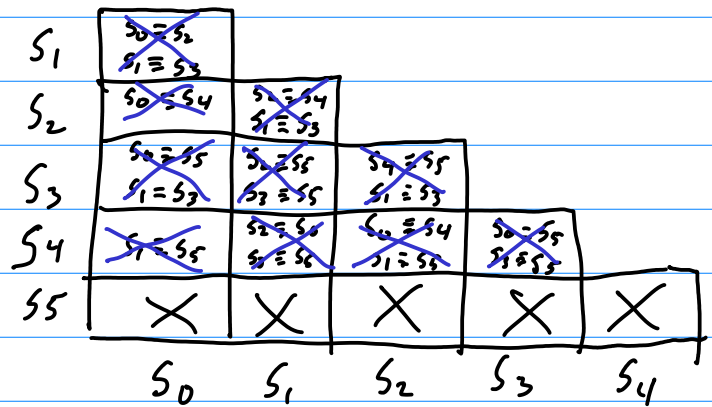
- 1
- 10
- 100
- 1001
- 11
- 110

no overlapping



P _S	N _S		Z
	X=0	X=1	
S ₀	S ₀	S ₁	0
S ₁	S ₂	S ₃	0
S ₂	S ₄	S ₁	0
S ₃	S ₆ ⁵	S ₃	0
S ₄	S ₀	S ₅	0
S ₅	S ₀	S ₁	1
S₆	S₀	S₁	1

$$S_5 \equiv S_6$$



Guidelines

$$1) (S_0 S_5)^2 \quad (S_0 S_4 S_5) \quad (S_0 S_2 S_5) \quad (S_1 S_3)$$

$$2) (S_0 S_1)^2 \quad (S_2 S_3) \quad (S_1 S_4) \quad (S_3 S_5) \quad (S_0 S_5)$$

$$3) (S_0 S_1 S_2 S_3 S_4)$$

