

KEY

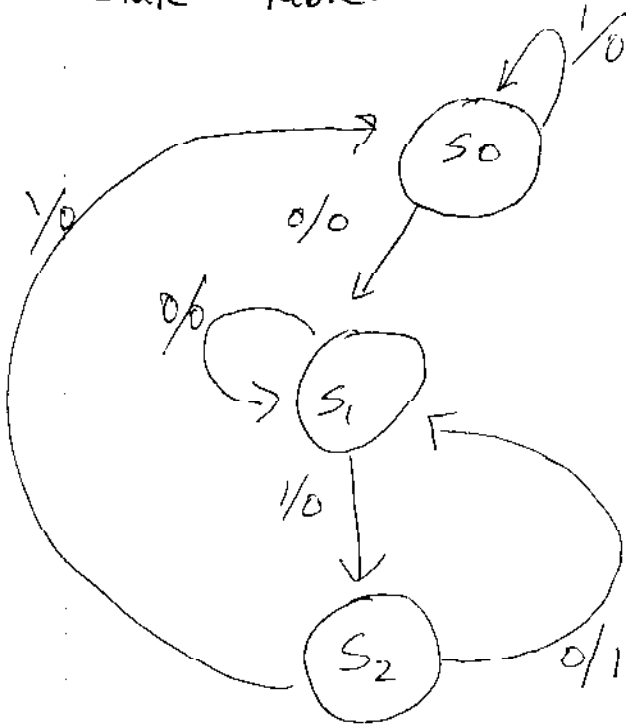
ECE 273 - QUIZ 10

Name:
Honor Code:

Design a state machine to detect the
Sequence

010

You need only provide the state graph and
state table.



State	NEXT		Z	
	X=0	X=1	X=0	X=1
S ₀	S ₁	S ₀	0	0
S ₁	S ₁	S ₂	0	0
S ₂	S ₁	S ₀	1	0