

# EE201L Detour lab (original)

	GL	G1	G2	GR
Idle State	<○○	○○	○○	○○>
R1 State (G1 is ON)	<○○	●●	○○	○○>
R12 State (G1, G2 are ON)	<○○	●●	●●	○○>
R123 State (G1, G2, GR are ON)	<○○	●●	●●	●●>
Idle State	<○○	○○	○○	○○>
L1 State (G2 is ON)	<○○	○○	●●	○○>
L12 State (G2, G1 are ON)	<○○	●●	●●	○○>
L123 State (G2, G1, GL are ON)	<●●	●●	●●	○○>

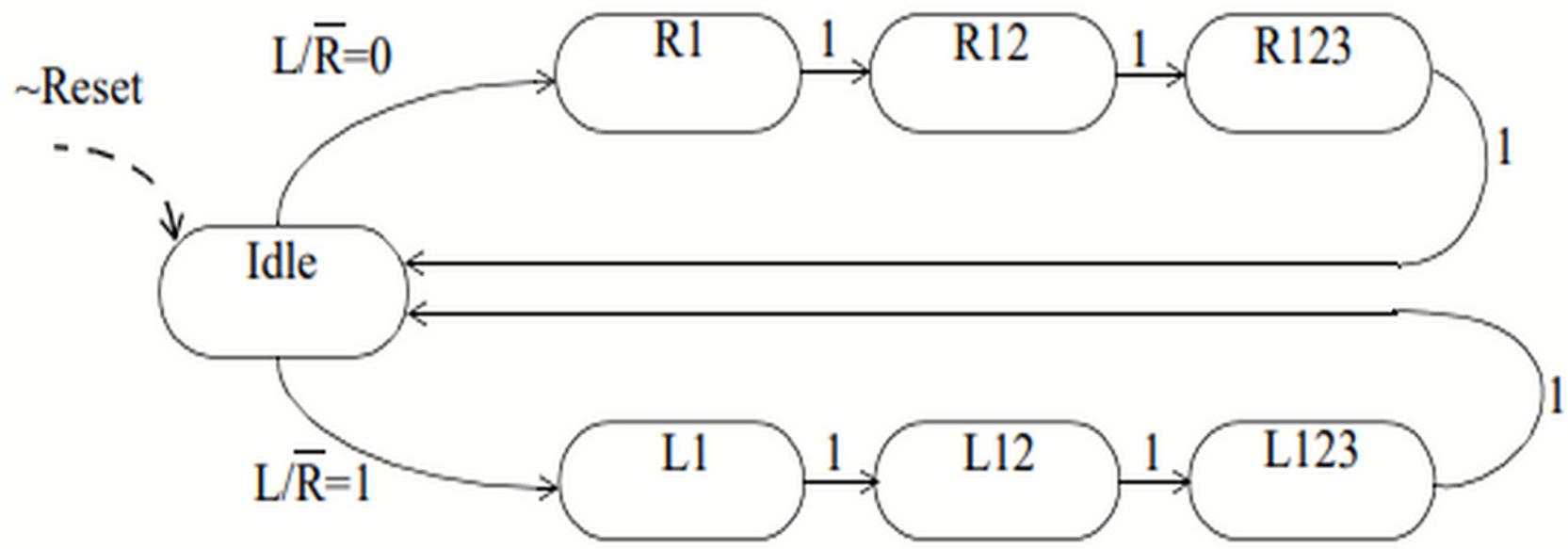
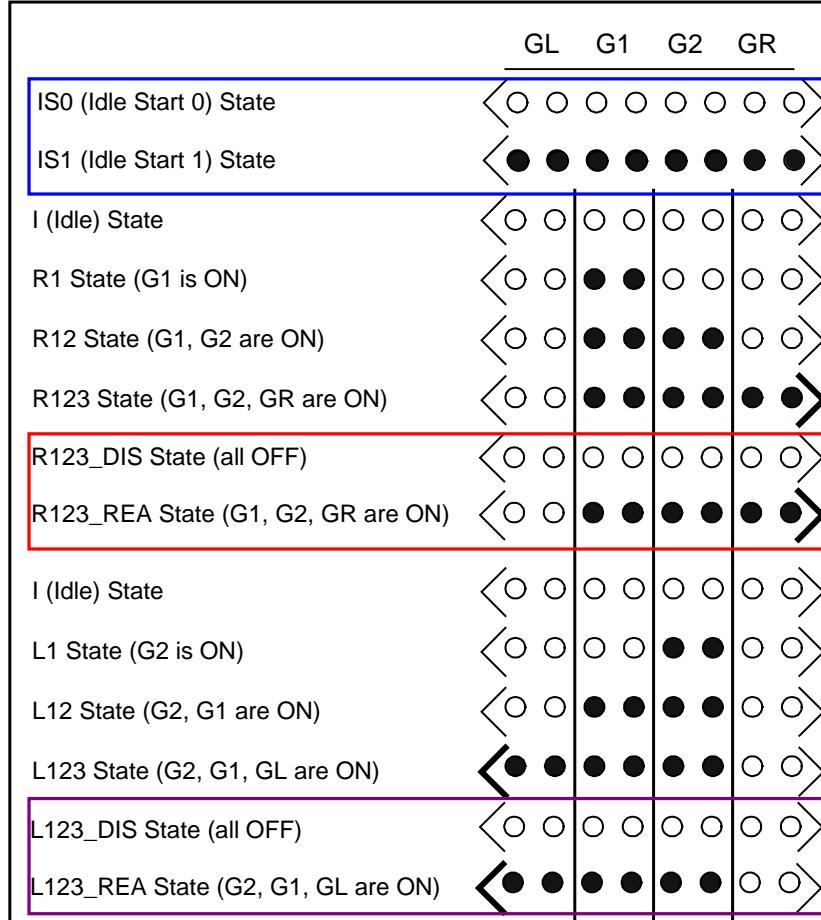


Fig 2: State diagram for the Detour Signal design

# EE201L Detour lab (modified)

0  
1  
2  
3  
4  
5  
6  
7  
8  
9  
A  
B  
C



Starting LAMP TEST by  
~~10 times~~ flashin all lights

8

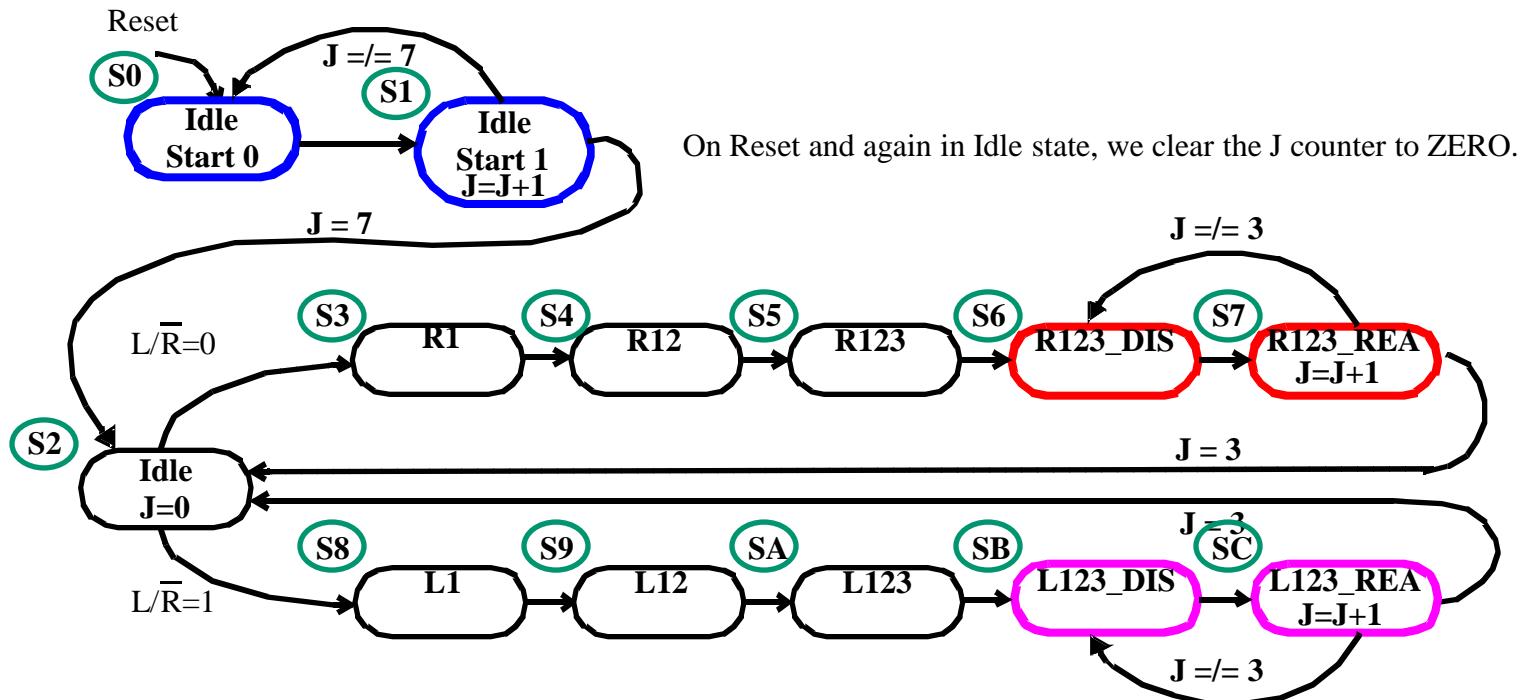
Disappear/Reappear  
sequence ~~10~~ times

4

Disappear/Reappear  
sequence ~~10~~ times

4

# Modified Detour lab state diagram



During Reset it remains in **S0** state.

After Reset, it does **S0** **S1** eight times.

Then it does one of the two depending upon L/R.

