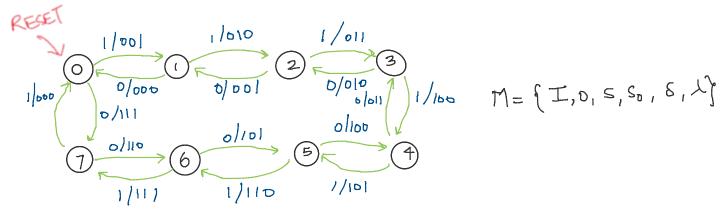
Lab 6: Q2



Input
$$(up):=\{0,1\}$$
 | We are maintaining FST | s.t. state we are Javandy in States $(S):=3-b$ it strings | is the output.

Dutput $(0):=3-b$ it strings | is $S_2=S_2$; $S_1=S_1$; $S_1=S_1$; $S_2=S_2$; $S_3=S_3$; $S_4=S_3$; $S_5=\{0,00\}$; $S_5=\{0,00\}$

Dutfut (0) := 3-bit shings | 1. $S_2 = S_2$; $S_1 = S_1$; $S_0 = S_0$; S= {000}

KMAPS!- $S_2(s_2, s_1, s_0, \psi) := \overline{S_2 s_1 s_0 u} + \overline{S_2 s_1 s_0 u} + s_2 s_1 s_0 + s_2 \overline{s_0 u} + s_2 \overline{s_0 u} + s_2 \overline{s_0 u}$

525) 50 U	00	Οl	11	10
00		D		٥
01	Đ	0	口	1
1.7	0		0	
10	0	٥		1

S, (52,51,50, 4) := 5,500 + 5,500 + 5,500 + 5,500

525) 504	00	01	11	10
00	1	0	Ð	1
01	Ō	П	1	0
1.4	1	0	0	
10	0	1	1	Ď

So(50,50, wp) := 50

525, 54	00	01	11	10
00	1	1	1	1
01	1	1	ſ	l
17	0	0	0	O
10	6	D	D	D

