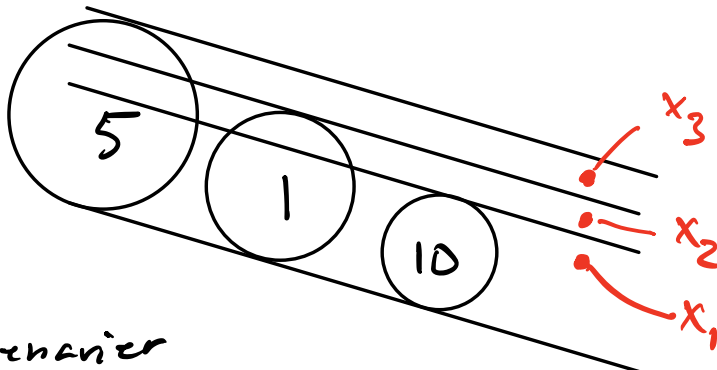


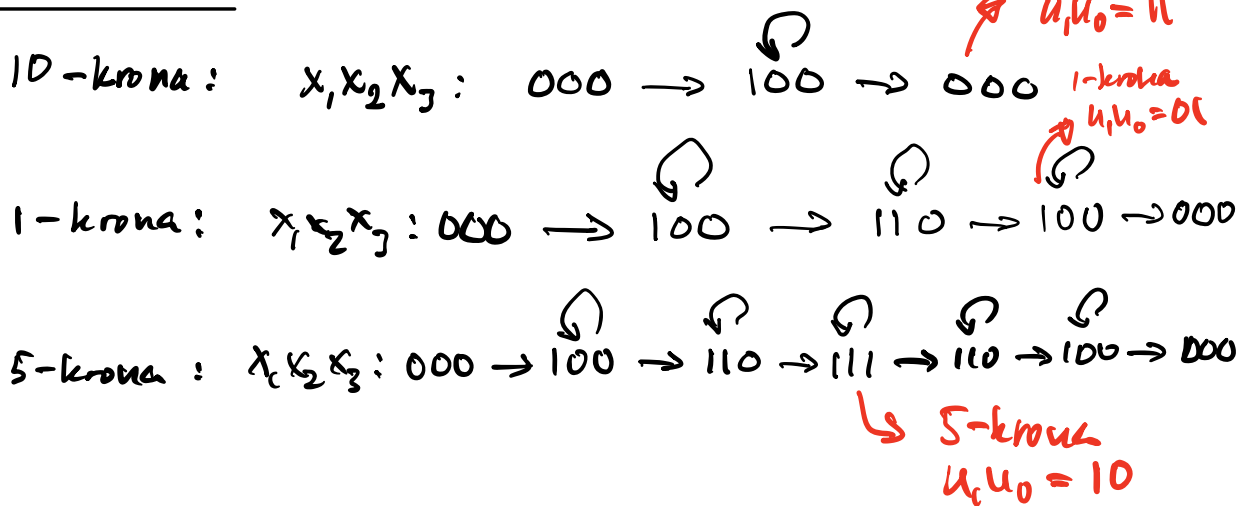
Lax-exempel 1

$$x_i = \begin{cases} 1 & \text{täck} \\ 0 & \text{annars} \end{cases}$$

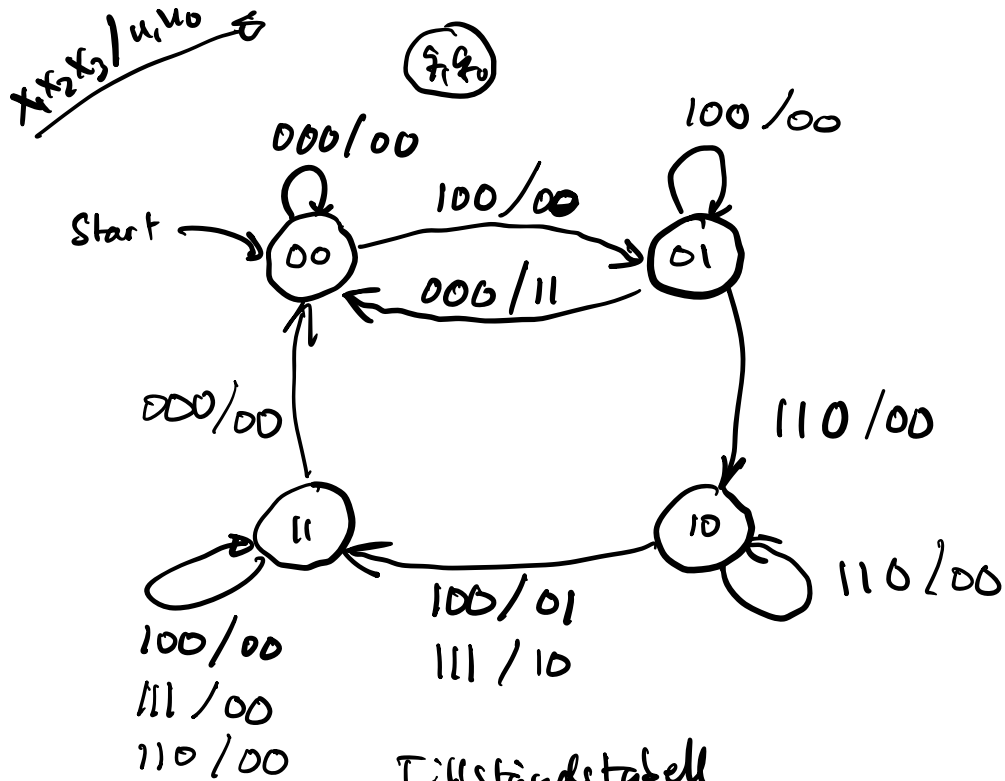
$$u_1, u_0 = \begin{cases} 01 & 1\text{-krona} \\ 10 & 5\text{-krona} \\ 11 & 10\text{-krona} \\ 00 & \text{f.ö.} \end{cases}$$



Scenarier



Tillståndsdigram (Mealy)

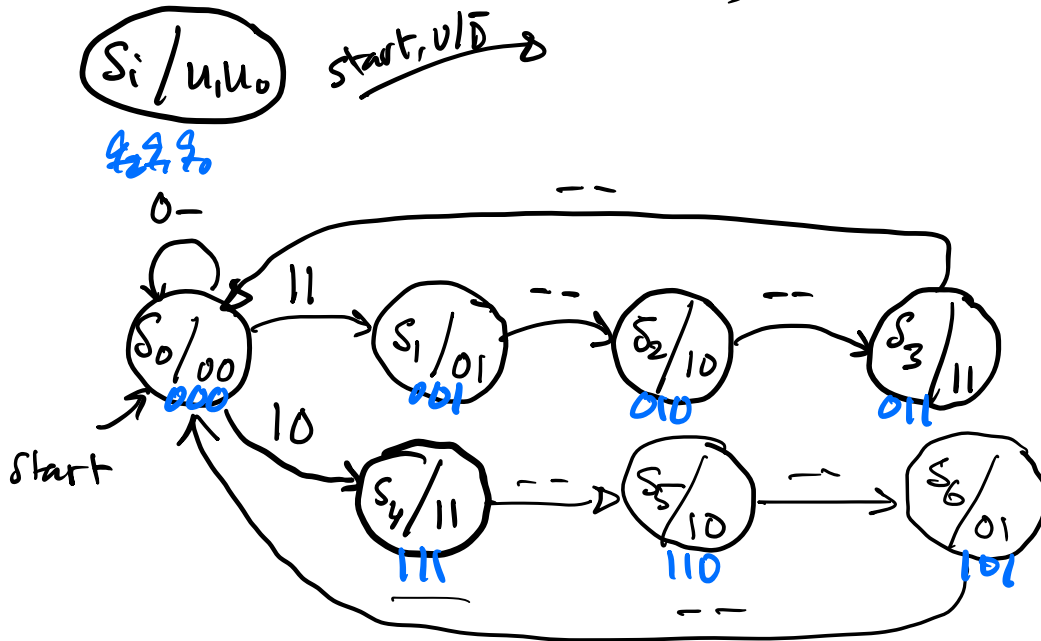


Tillståndstabell

	q_1	q_0	x_1, x_2, x_3	q_1^+	q_0^+	u_1, u_0
0	0	0	0 0 0	0	0	0 0
4	0	0	1 0 0	0	1	0 0
8	0	1	0 0 0	0	0	1 1
12			1 0 0	0	1	0 0
14			1 1 0	1	0	0 0
4	1	0	1 0 0	1	1	0 1
6			1 1 0	1	0	0 0
7			1 1 1	1	1	1 0
8	1	1	0 0 0	0	0	0 0
12			1 0 0	1	1	0 0
14			1 1 0	1	1	0 0
15			1 1 1	1	1	0 0

tax-exempel 2

Tillståndsdigram (Moore)



Tillståndskodning

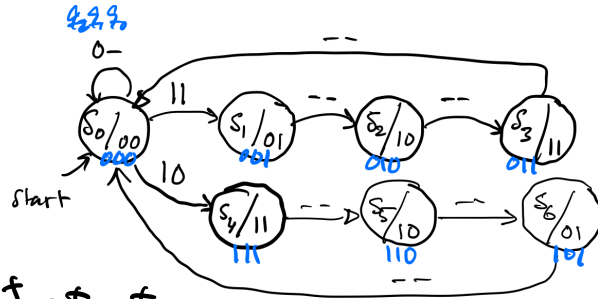
S_i	g_2	g_1	g_0	$u_i u_0$
S_0	0	0	0	00
S_1	0	0	1	01
S_2	0	1	0	10
S_3	0	1	1	11
S_4	1	1	1	11
S_5	1	1	0	10
S_6	1	0	1	01

Moore

$$u_i = f_i(g_2, g_1, g_0)$$

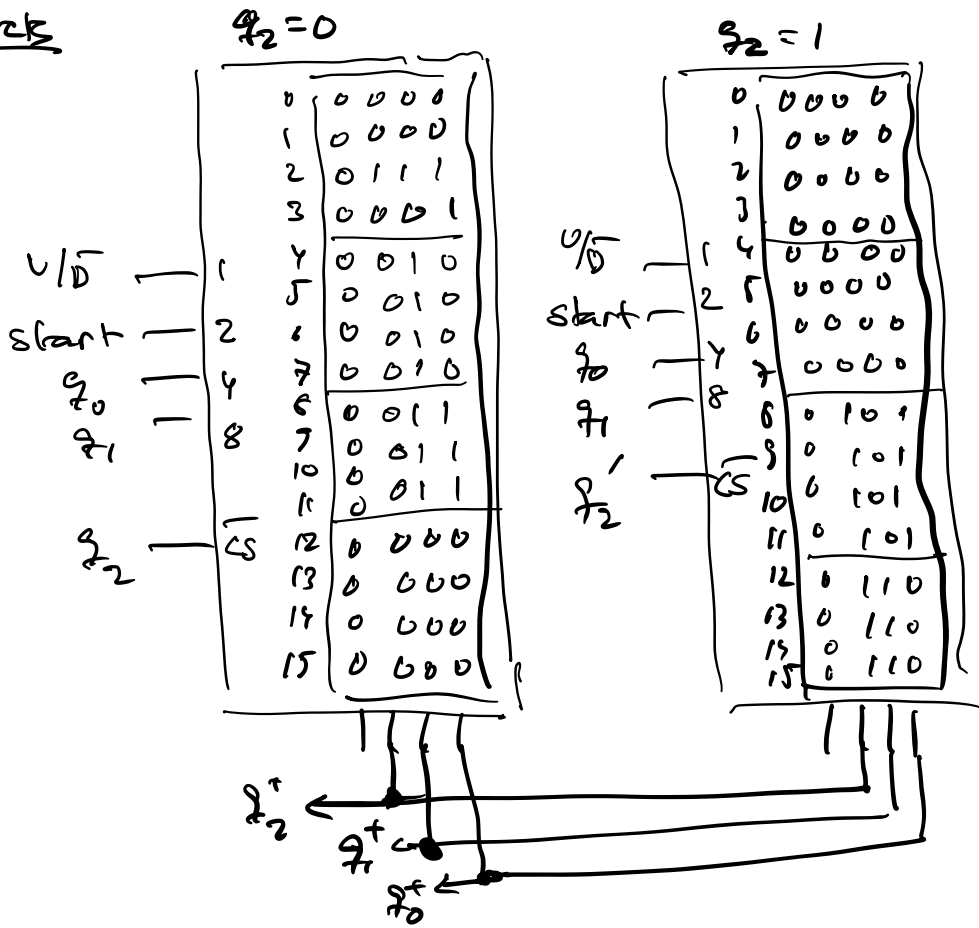
Välj $g_1 = u_1$ och $g_0 = u_0$

Tillståndstabel



	\bar{c}_s	8	4	2	1		q_2^+	q_1^+	q_0^+
	q_2	q_1	q_0	start	u/d		q_2^+	q_1^+	q_0^+
PR0M1									
0-1	0	0	0	0	-		0	0	0
2				1	0		1	1	1
3				1	1		0	0	1
4-7	0	0	1	-	-		0	1	0
8-11	0	1	0	-	-		0	1	1
12-15	0	1	1	-	-		0	0	0
PR0M2									
0-3	1	0	0	-	-		-	-	-
4-7	1	0	1	-	-		0	0	0
8-11	1	1	0	-	-		1	0	1
12-15	1	1	1	-	-		1	1	0

Koch



For $i \in \{0, 1, 2\}$

