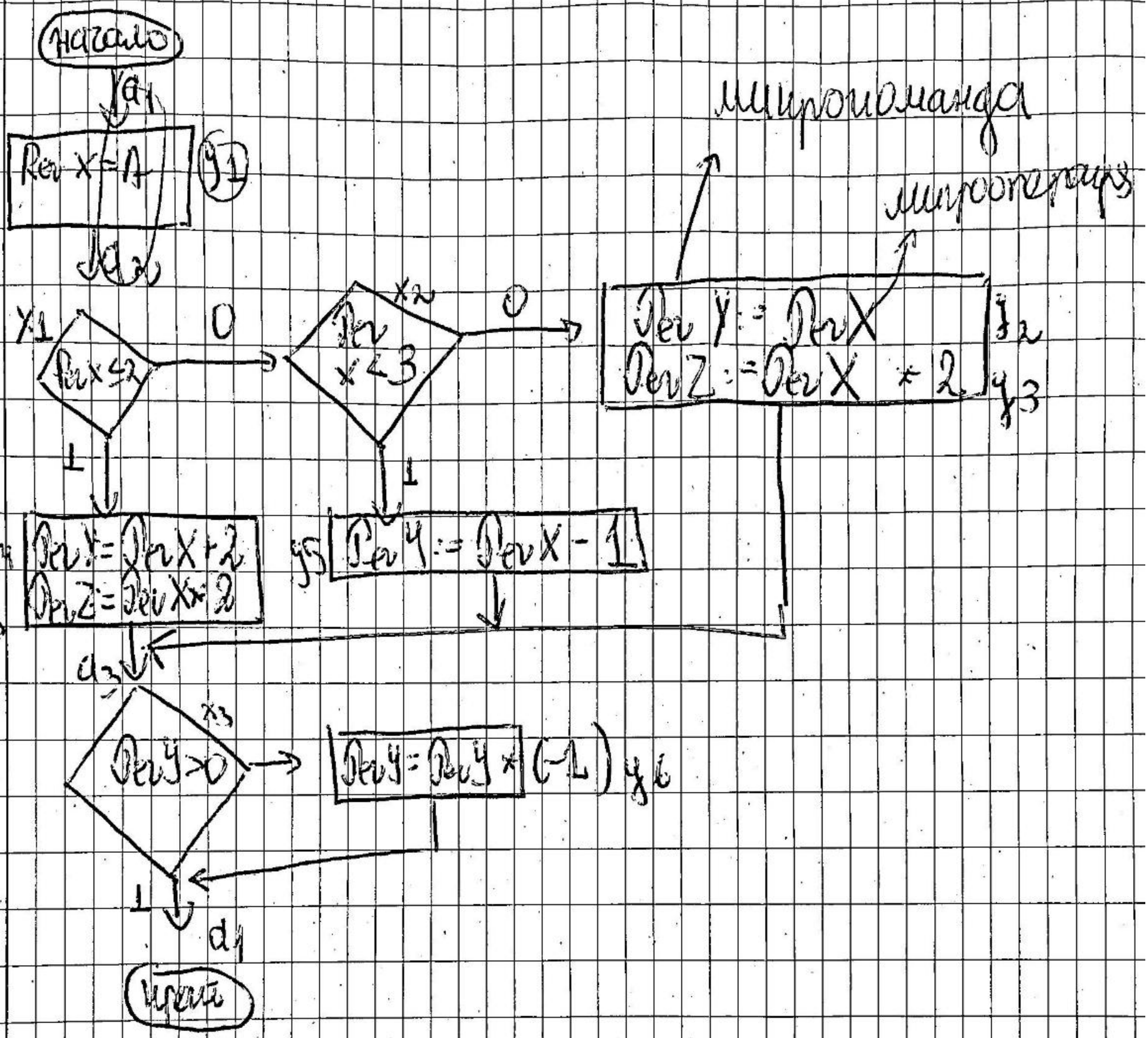
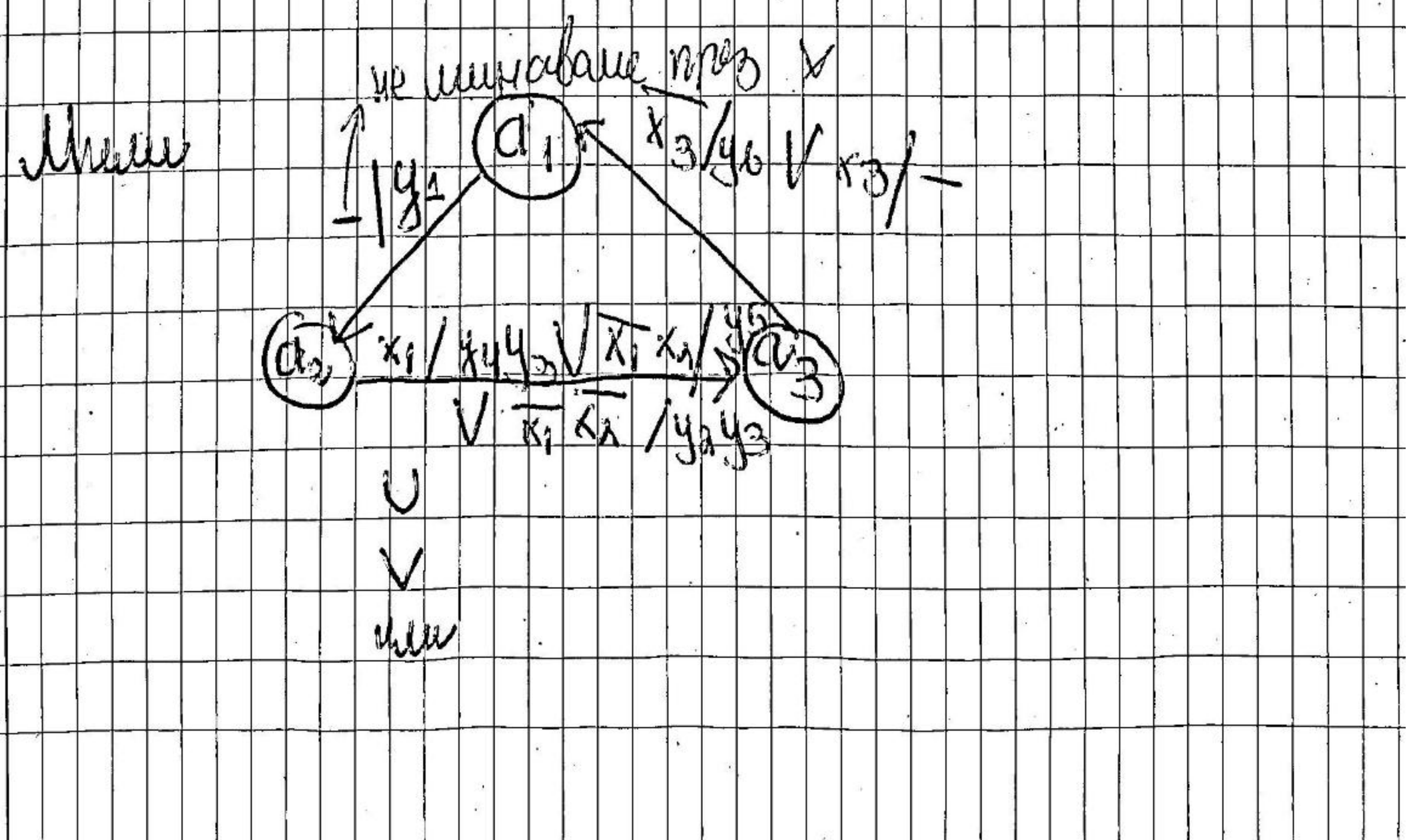
Зад 1


начало
a1
Rez X=A
q1
x1
0
Rez X<2
x2
0
Rez X<3
Rez Y:=RezX
RezZ:=RezX+2
y2
y3
1
1
RezY:=RezX-1
y5
RezX:=RezX+2
RezZ:=RezX+2
y4
y3
a3
x3
RezY>0
RezY:=RezY*(-1)
y6
1
a4
крей


Мили
Не минавам през x
a1
x3/y6 V x3/-
-/y1
a2
x1/x4y5 V x1x4/y5
a3
V x1x2/y4y3
V
Мили

маршрутно
построяване
модулиране на сигнал

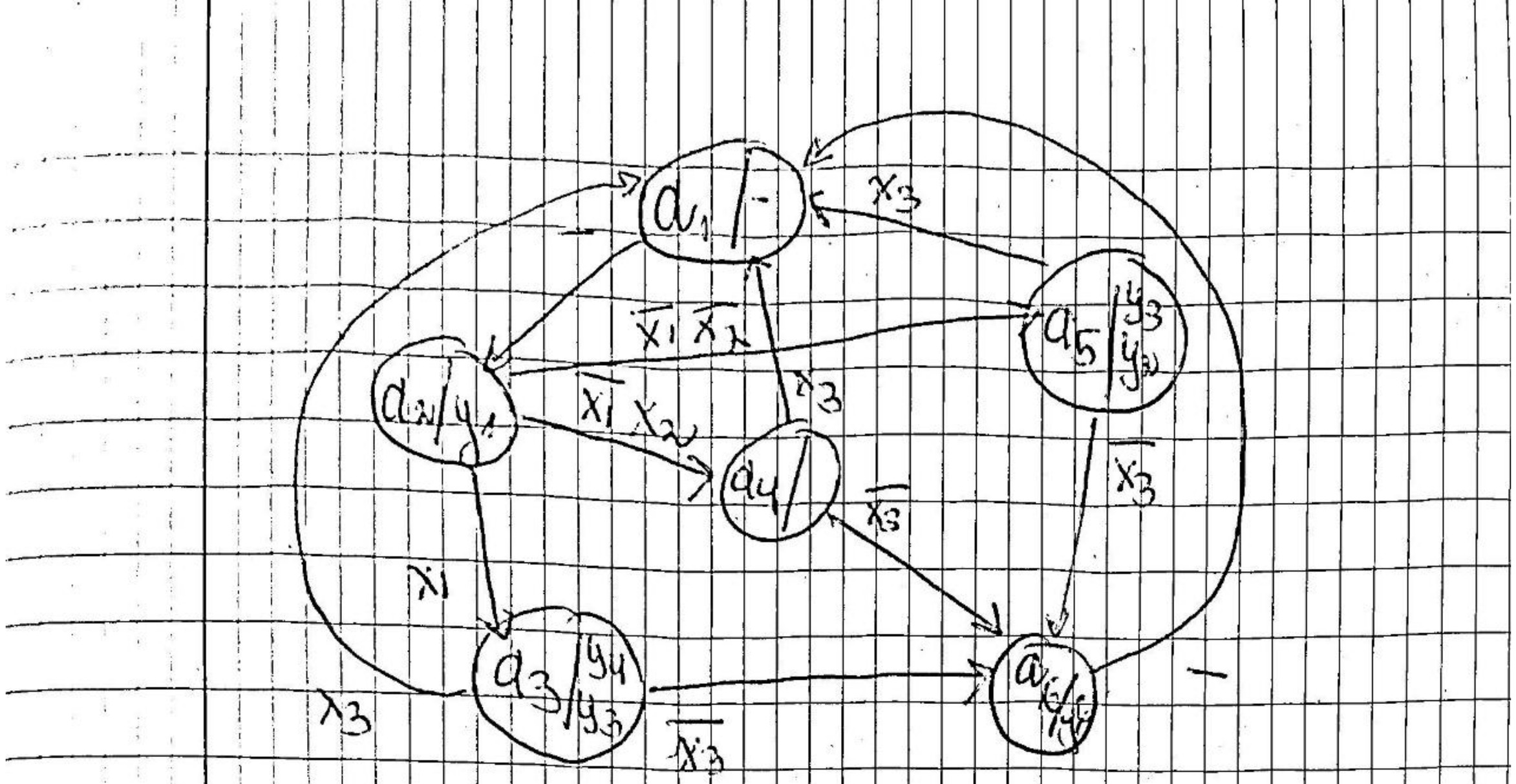
$Q \geq \log_2 a = \log_2 3 \approx 1{,}58 \Rightarrow q = 2$

Ч модулиране)

	Q_1	Q_2
q_1	0	0
q_2	0	1
q_3	1	0

$z \to y_1, y_2$

Мур.



$Q = \log_2 6 \approx 3$ mp. $\Rightarrow Q_1, Q_2, Q_3$

RS		Qt	Qt+1	RS	T	D
T		0	0	*0	0	0
D		0	1	01	1	1
		1	0	10	1	0
		1	1	0*	0	1

	Q_1	Q_2	Q_3
a_1	0	0	0
a_2	0	0	1
a_3	0	1	0
a_4	0	1	1
a_5	1	0	0
a_6	1	0	1

at	Q_1	Q_2	Q_3	x	y
q_1	0	0	0	–	–
q_2	0	0	1	x_1 $\bar{x}_1 x_2$ $\bar{x}_1 \bar{x}_2$	y_1
q_3	0	1	0	x_3 $\bar{x}_3$	$y_3 y_4$
q_4	0	1	1	x_3 $\bar{x}_3$	x_3 y_5
q_5	1	0	0	x_3 $\bar{x}_3$	$y_2 y_3$
q_6	1	0	1	–	y_0

a^{t+1}	Q_1	Q_2	Q_3	RS	T	D
q_2	0	0	1	x 0	0	1
q_3	0	1	0	x 0	1	0
q_4	0	1	1	x 0	1	1
q_5	1	0	0	0 1	0	0
q_1	0	0	0	x 0	1	0
q_1	1	0	1	0 0	1	1
q_1	0	0	0	x 0	1	0
q_1	1	0	1	0 0	1	1
q_1	0	0	0	1 0	0	0
q_1	1	0	1	0 x	0	1
q_1	0	0	0	1 0	0	0

Мур сами с X за y_1

$$y_1 = \overline{Q_1}\,\overline{Q_2}\,\overline{Q_3}$$

$$y_2 = Q_1\,\overline{Q_2}\,\overline{Q_3}$$

$$y_3 = Q_1\,\overline{Q_2}\,\overline{Q_3} + \overline{Q_1}\,Q_2\,\overline{Q_3}$$

$$y_4 = \overline{Q_1}\,Q_2\,\overline{Q_3}$$

$$y_5 = \overline{Q_1}\,\overline{Q_2}\,Q_3$$

$$y_0 = Q_1\,Q_2\,Q_3$$

$$R = \overline{Q_1}\,\overline{Q_2}\,\overline{Q_3}\,x_3 + Q_1\,Q_2\,Q_3$$

$$S = \overline{Q_1}\,\overline{Q_2}\,\overline{Q_3}\,\overline{x_1}\,\overline{x_2} + \overline{Q_1}\,Q_2\,\overline{Q_3}\,\overline{x_3} + Q_1\,\overline{Q_2}\,\overline{Q_3}\,x_3 + Q_1\,Q_2\,Q_3\,\overline{x_3}$$

$$= \overline{Q_1}\,\overline{Q_2}\,\overline{Q_3}\,x_1\,\overline{x_2} + \overline{Q_1}\,Q_2\,\overline{x_3}\,(\overline{Q_3} + Q_3)$$

x на сам с Мур