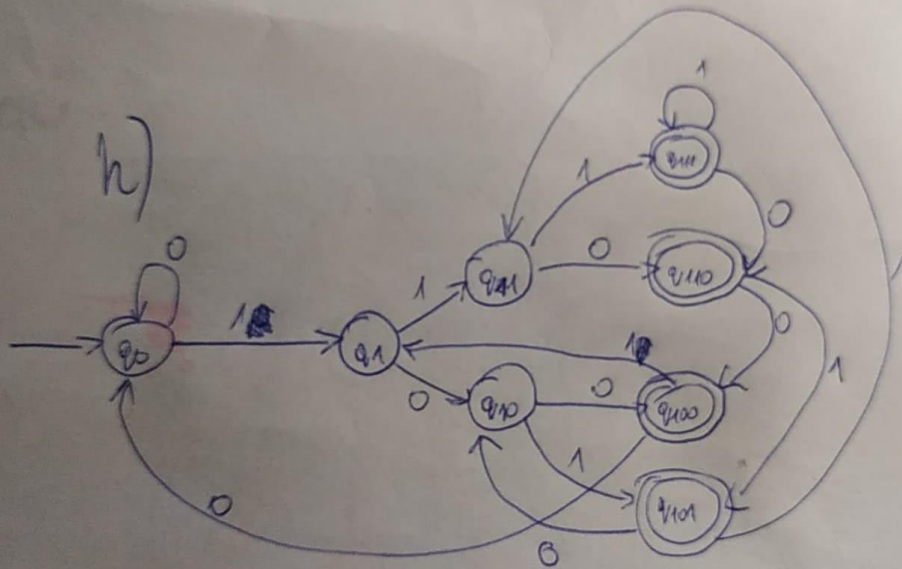
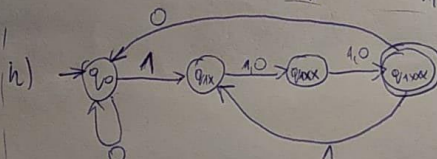
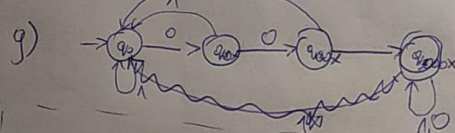
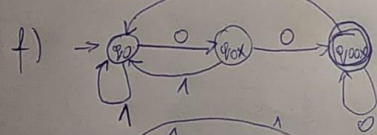
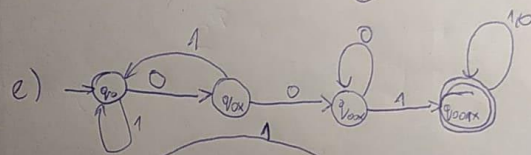
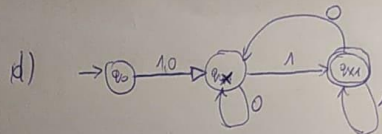
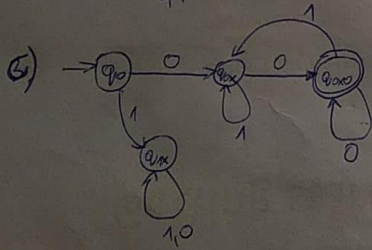
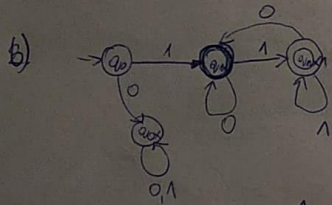
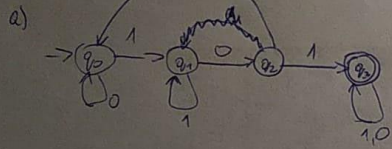


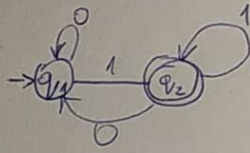
1. $V = \{0, 1\}^*$



Zad. 2)

a)

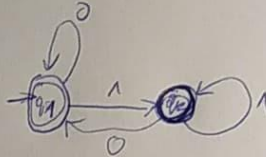
	0	1
$\rightarrow q_1$	q_1	q_2
$* q_2$	q_1	q_2



Zbiór wszystkich ~~języków~~ ciągów znaków kończących się na '1'.

b)

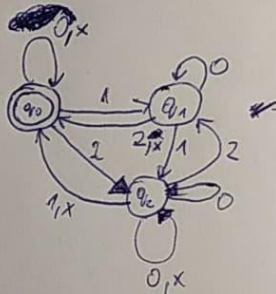
	0	1
$\rightarrow q_1$	q_1	q_2
q_2	q_1	q_2



Zbiór wsz. ciągów znaków kończących się na '0' ~~albo~~
~~i kończących się na '0'~~, Row. jest też sam ϵ .

c)

	0	1	2	RESET
$* q_0$	q_0	q_1	q_2	q_0
q_1	q_1	q_2	q_0	q_0
q_2	q_2	q_0	q_1	q_0

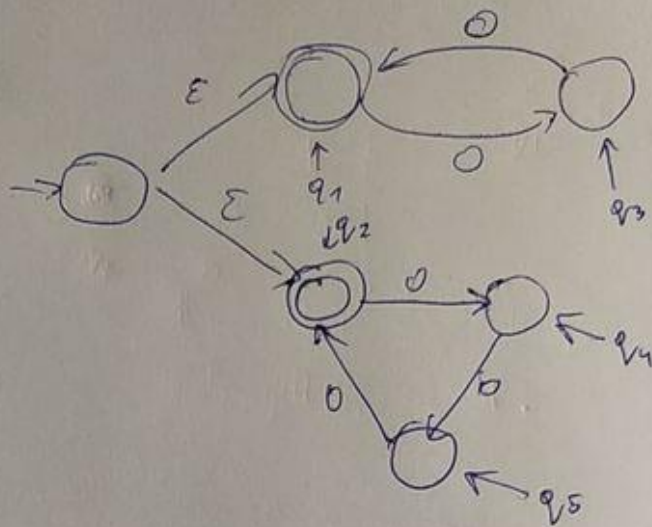


X - <RESET>

Dodawanie mod 3 z resetem wyniku.

Każda kombinacja symboli 0, 1, 2 i <RESET>, ~~która~~
która po zsumowaniu modulo 3 wynosi 0.

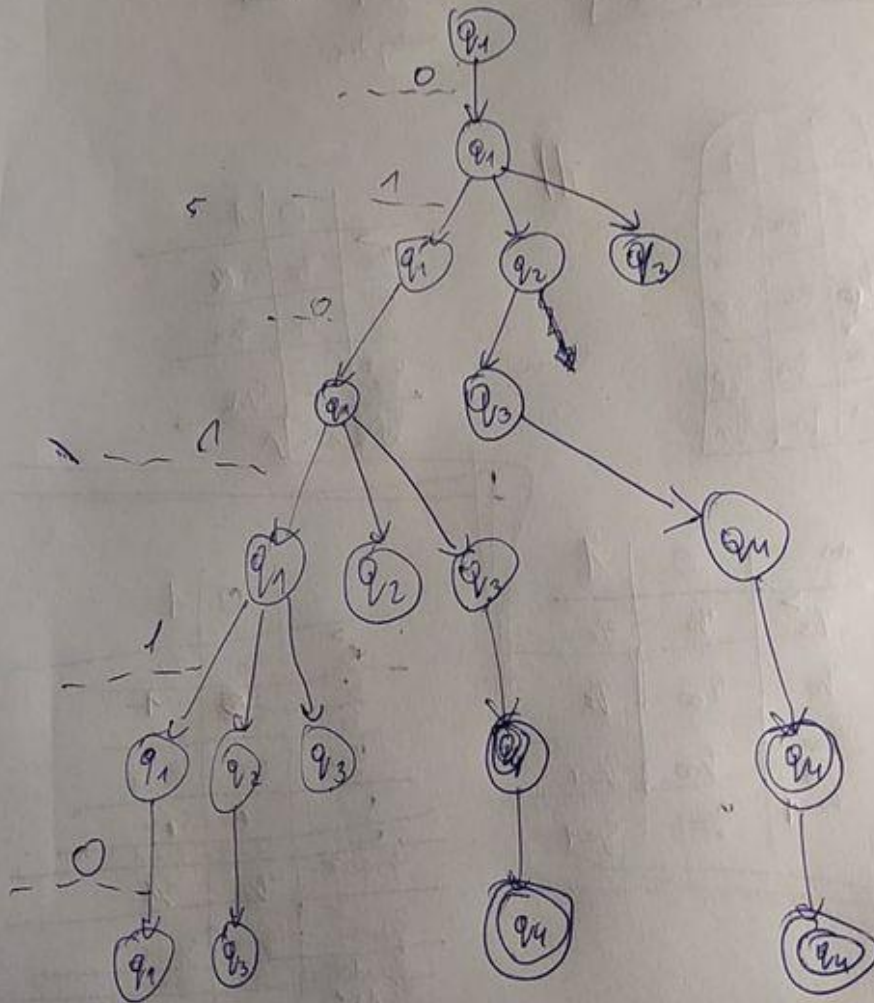
20d. 31



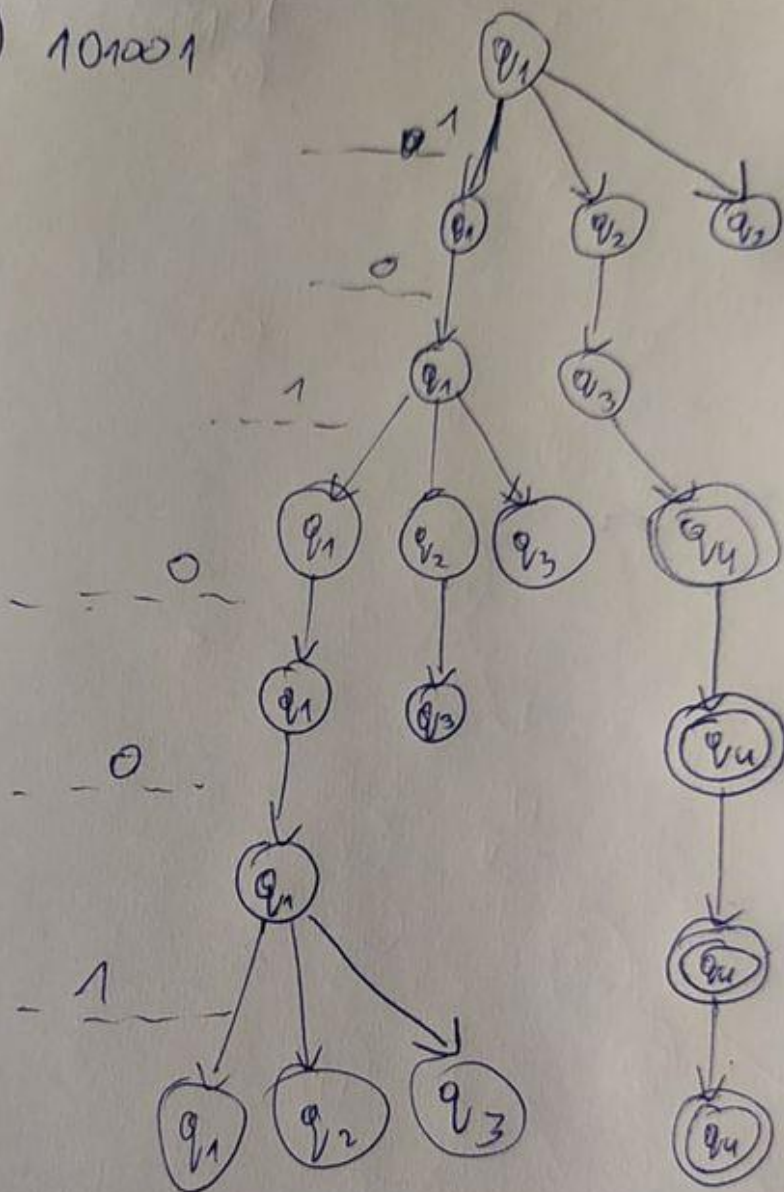
	0	ε
q_0	\emptyset	$\{q_1, q_2\}$
q_1	$\{q_3\}$	\emptyset
q_2	$\{q_4\}$	\emptyset
q_3	$\{q_1\}$	\emptyset
q_4	$\{q_5\}$	\emptyset
q_5	$\{q_2\}$	\emptyset

a) $\text{O} \text{---} \text{O} \text{---} \text{O}$

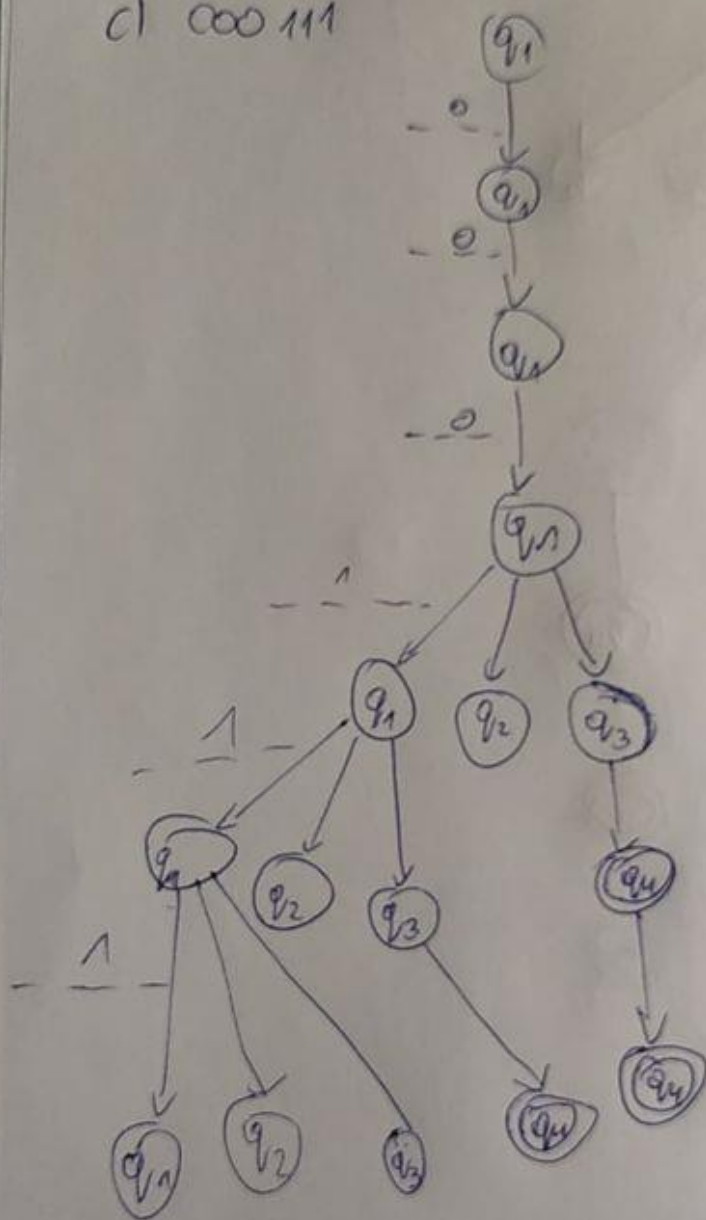
	0	1	E
γ_{01}	γ_{01}	γ_{01}, γ_{01}	γ_{01}
γ_{11}	γ_{11}	γ_{11}	γ_{11}
γ_{13}	γ_{13}	γ_{13}	γ_{13}
γ_{14}	γ_{14}	γ_{14}	γ_{14}



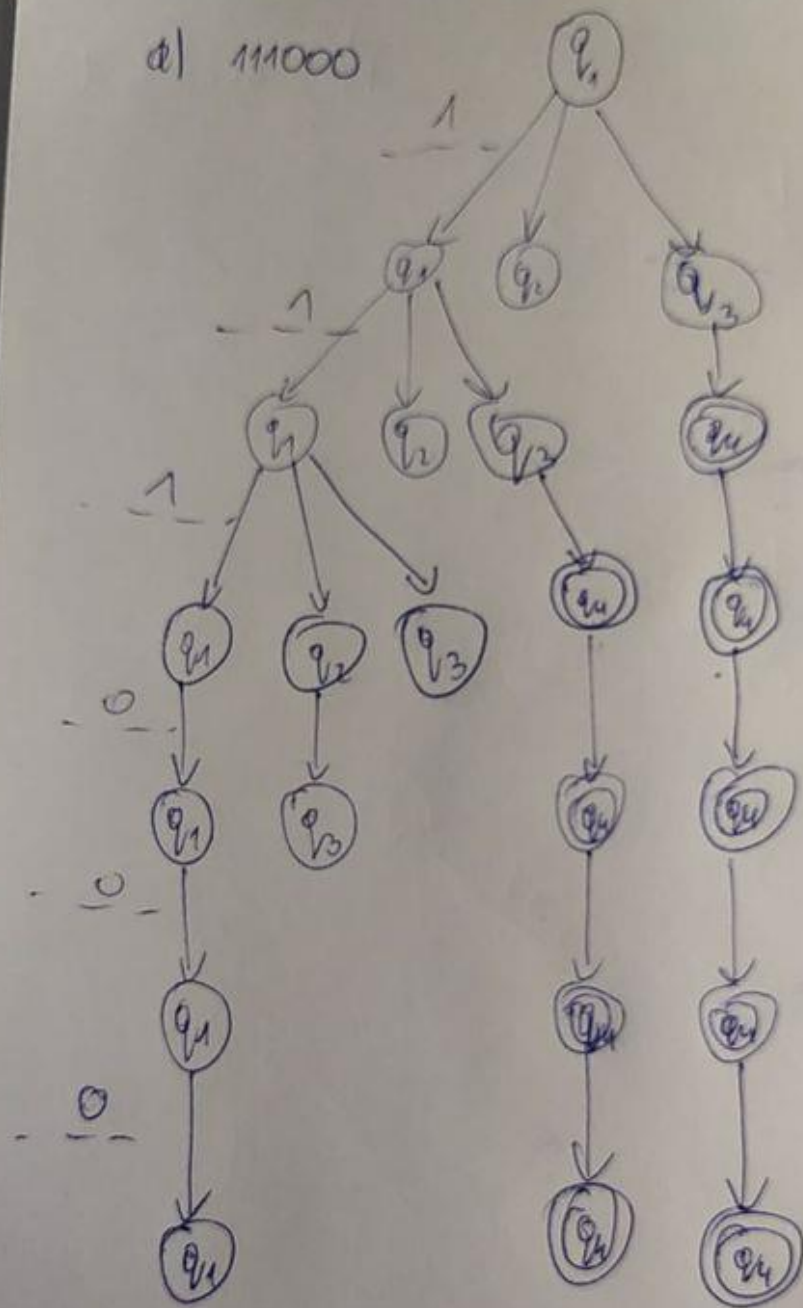
b) 101001



c) $\infty \infty 111$



a) 111000



Zad. 6) $L1 \cup L2$ gener.

L1 - przy ^{widoczności} zaprogram ~~z~~ się na 1 i koniec na 1

L2 - $\frac{1}{2} - 1 - 0$ i koniec na 0

	\emptyset	1	ε
$\geq q_2$	\emptyset	\emptyset	$\{q_1, q_0\}$
q_1	\emptyset	$\{q_{acc}\}$	\emptyset
q_{acc}	$\{q_{acc}\}$	$\{q_{acc}\}$	\emptyset
$^*q_{acc1}$	$\{q_{acc}\}$	$\{q_{acc1}\}$	\emptyset
q_0	$\{q_{acc2}\}$	\emptyset	\emptyset
q_{acc}	$\{q_{acc2}\}$	q_{acc}	\emptyset
q_{acc2}	$\{q_{acc2}\}$	$\{q_{acc2}\}$	\emptyset