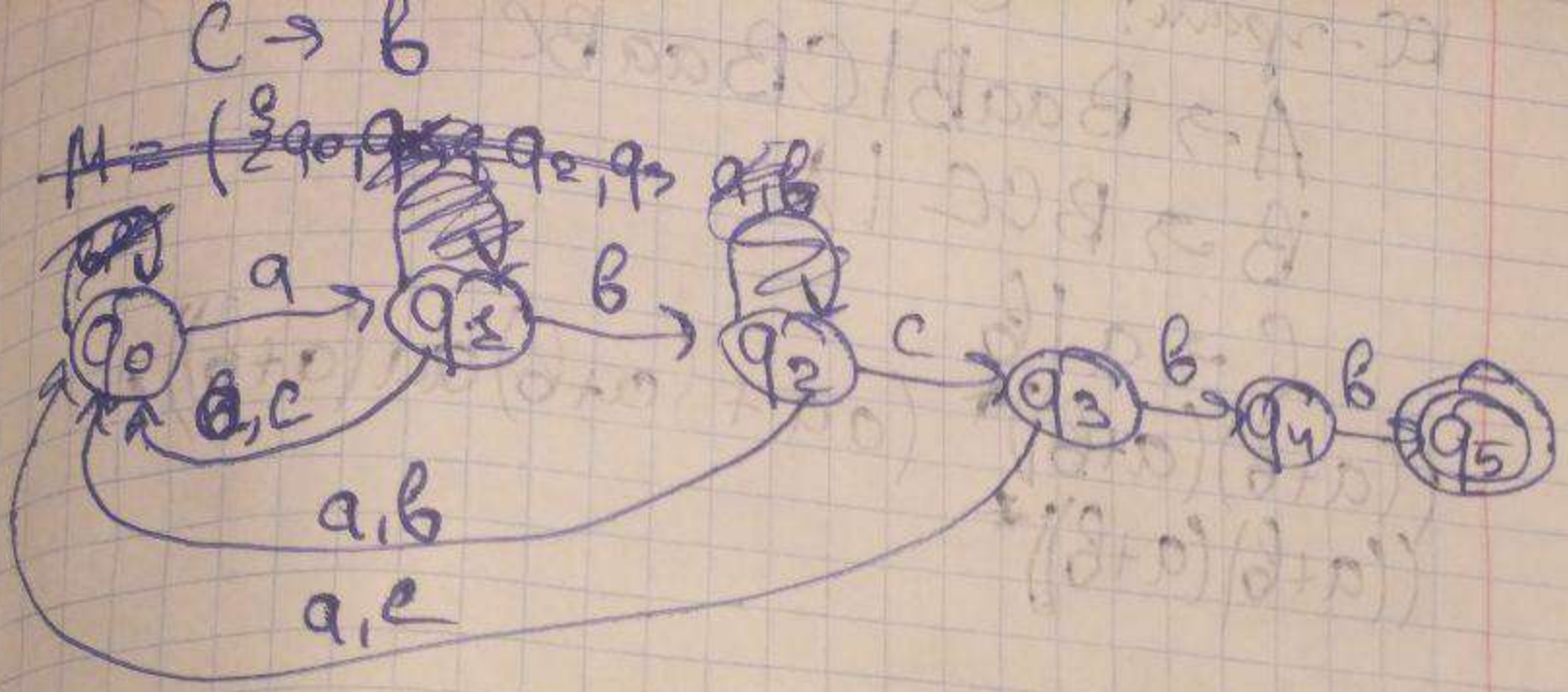
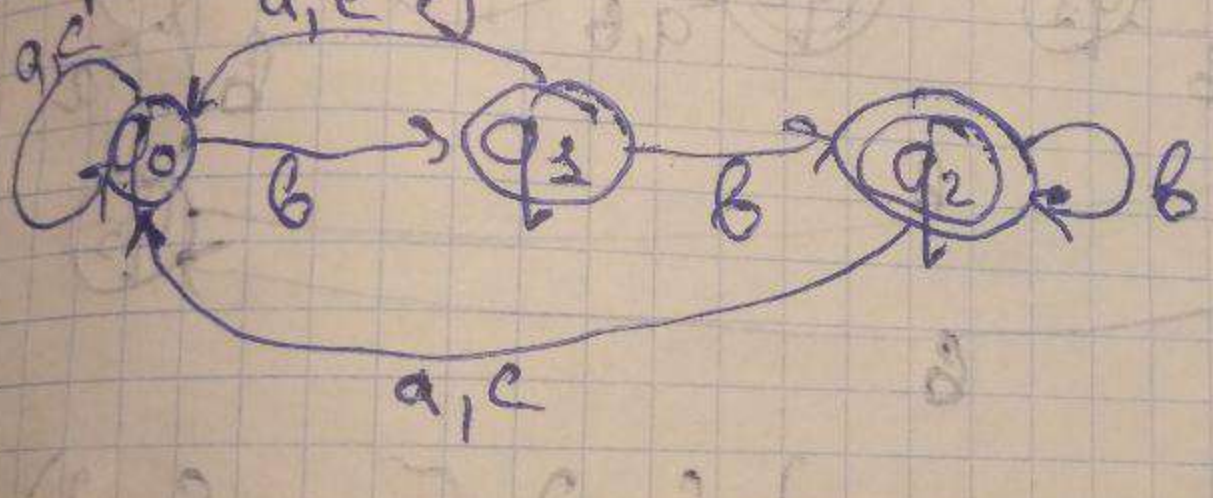
C → b



$M = (\{q_0, q_1, q_2, q_3, q_4, q_5\}, \{a, b, c\}, \delta, q_0, \{q_5\})$

Исправление 9:



8.10.20

№17

е) ~~$((a+b)(a+b))^* aa ((a+b)(a+b))^*$~~ через

P: $A \to aB \mid bBB \mid aaB$ - правила.

$B \to aA \mid bA \mid aaC$

$C \to aD \mid bD$

$D \to \lambda \mid aC \mid bC$;

КС-грам: $G(\{a,b\}, \{A,B,C\}, P, A)$

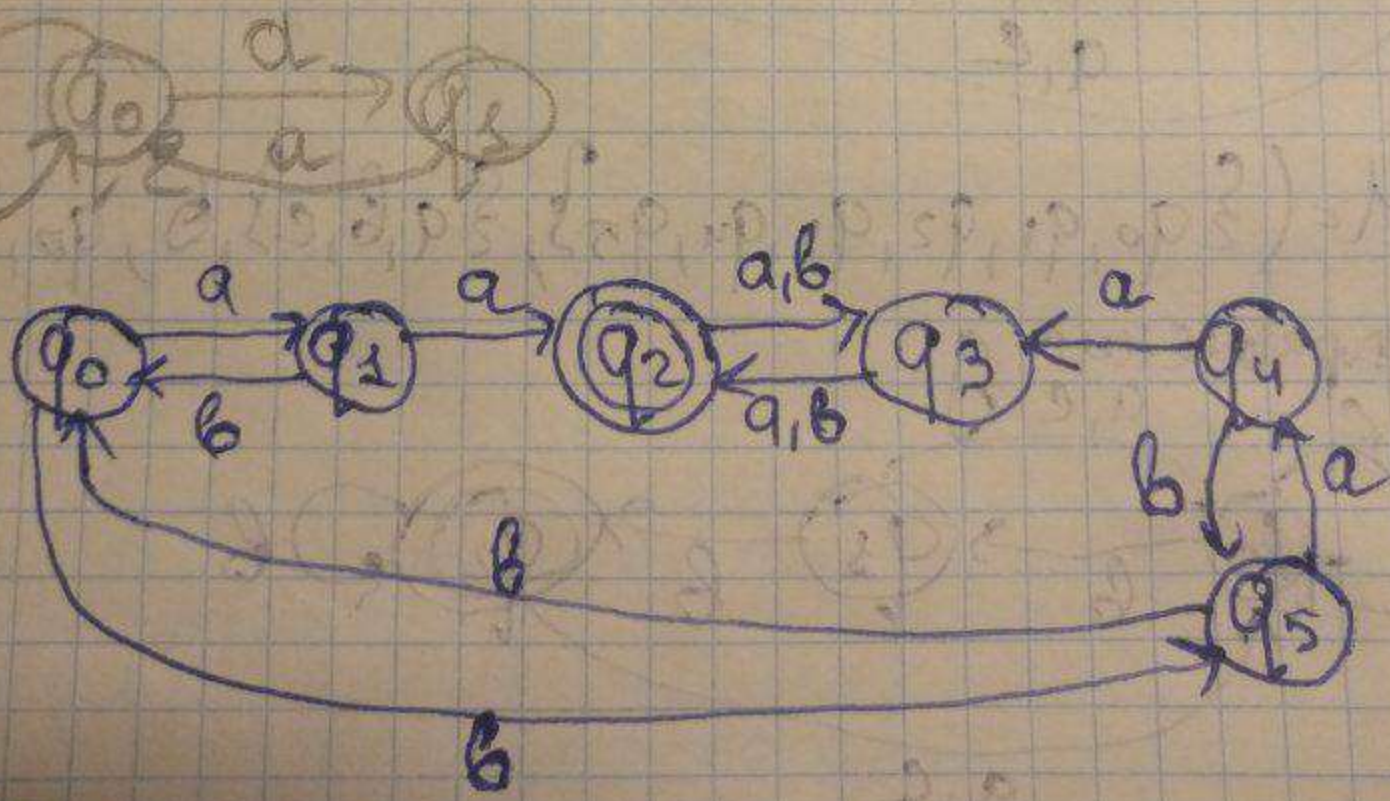
$A \to BaaB \mid CBaaBC$

$B \to BCC \mid \lambda$

$C \to a \mid b$

$((a+b)(a+b))^* (aa + (a+b)aa(a+b))$.

$((a+b)(a+b))^*$



$M = (\{q_0, q_1, q_2, q_3, q_4, q_5\}, \{0,1\}, \delta, q_0, \{q_2\})$.

к) G({0,1,a,b}, {A,B,C,D}, P, A)

P: A → aaB

B → aC | bC | 0C | 1C

C → aD | bD | 0D | 1D | λ

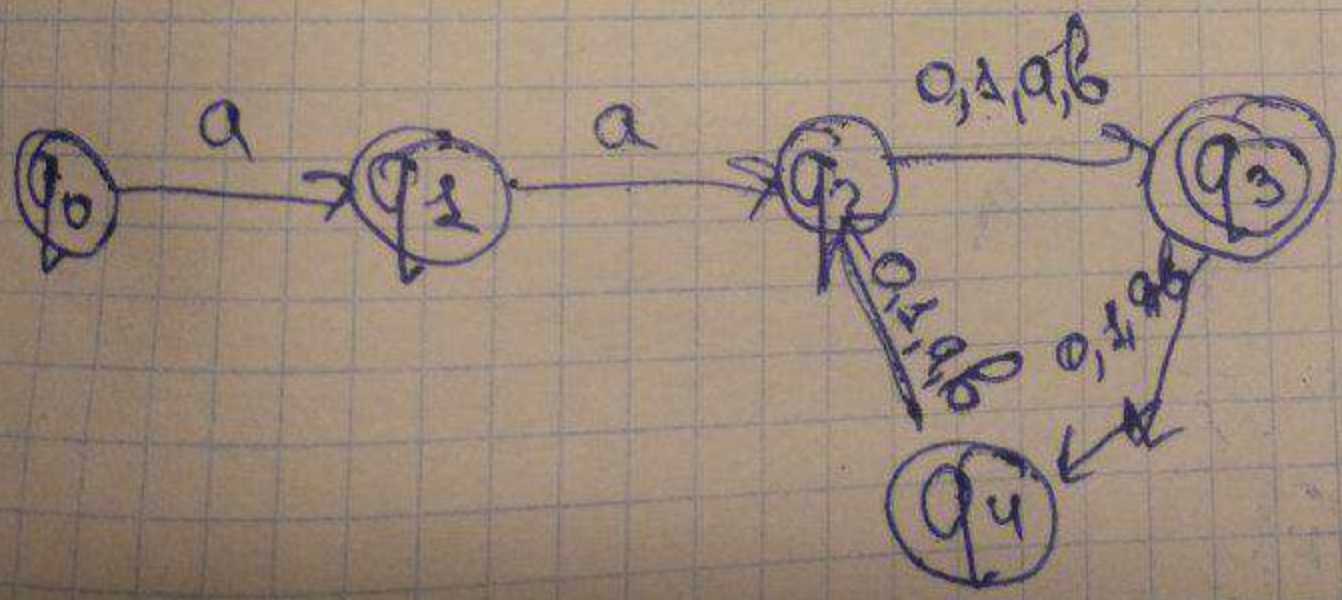
D → aB | bB | 0B | 1B

aa(0+1+a+b)((0+1+a+b)(0+1+a+b)(0+1+a+b))*

КС-грам.:

P: A → aaCB

B → BCCC | λ

C → 0 | 1 | a | b

M = ({q0, q1, q2, q3, q4}, {0,1,a,b}, δ, q0, {q3})