

$$4) \delta(q_0, b, b) = (q_0, bb)$$

$$5) \delta(q_0, a, b) = (q_0, \varepsilon)$$

$$6) \delta(q_0, b, a) = (q_0, \varepsilon)$$

$$7) \delta(q_0, \varepsilon, Z) = (q_0, \varepsilon)$$

Домашняя работа

аавсссс

Мухомов
ИИ-713

✓22 (1,2)

$$1) L = \{a^n b^k c^{2n} \mid k \geq 0, n > 0\}$$

$$P = (\{q_0, q_1, q_2\}, \{a, b, c\}, \{Z, a, b\}, \delta, q_0, Z, \{q_2\})$$

$$1) \delta(q_0, a, Z) = (q_0, aZ)$$

$$8) \delta(q_2, c, b) = (q_2, \varepsilon)$$

$$2) \delta(q_0, a, a) = (q_0, aa)$$

$$9) \delta(q_2, c, \varepsilon) = (q_2, Z)$$

$$3) \delta(q_0, b, a) = (q_1, \varepsilon)$$

$$10) \delta(q_2, \varepsilon, Z) = (q_2, \varepsilon)$$

$$4) \delta(q_0, b, a) = (q_1, \varepsilon)$$

$$11) \delta(q_0, c, a) = (q_1, \varepsilon)$$

$$5) \delta(q_0, b, Z) = (q_1, bZ)$$

$$12) \delta(q_1, c, a) = (q_1, \varepsilon)$$

$$6) \delta(q_1, b, b) = (q_1, bb)$$

$$13) \delta(q_1, c, Z) = (q_2, Z)$$

$$7) \delta(q_1, c, b) = (q_2, \varepsilon)$$

КС-грамматика:

$G(\{a, b, c\}, \{A, B\}, P, A)$

$P: A \rightarrow aAcc \mid aBcc$

$B \rightarrow bB \mid \lambda$

2) $L = \{a^{2k}b^nc^{2k+1} \mid k \geq 0, n > 0\}$

$P = (\{q_0$

1)