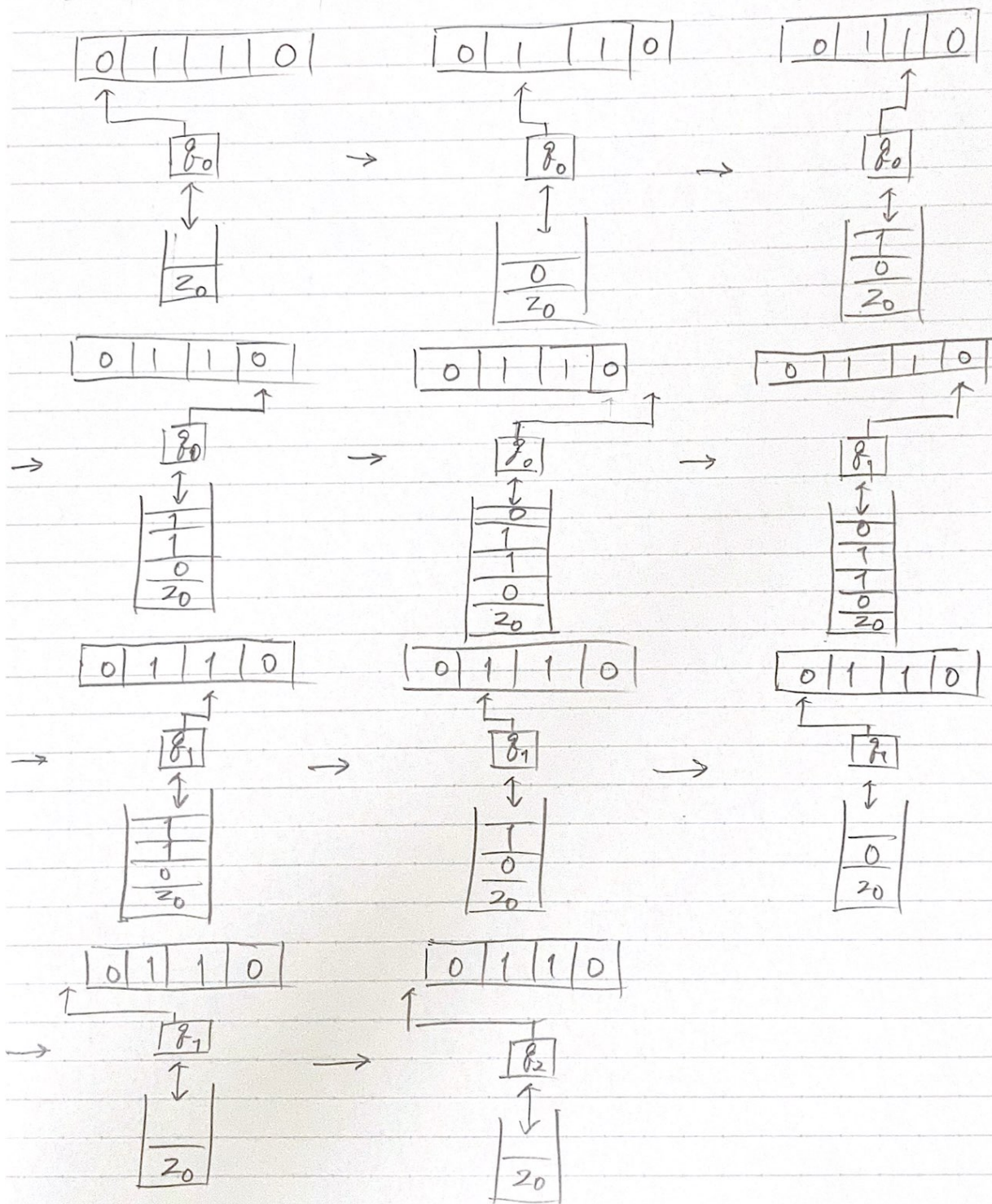


計算理論 第10回 ミニレポート 課題 10-1



10-2. $\{0^n 1^n \mid n \geq 1\}$

$$P = (Q, \Sigma, \Gamma, \delta, q_0, z_0)$$

$Q = \{q_0, q_1\}$ q_0 : 0が読んだ状態, q_1 : 1が読んだ状態

$$\Sigma = \{0, 1\}$$

$$\Gamma = \{0, 1, z_0\}$$

$$\delta: \delta(q_0, 0, z_0) = \{(q_0, 0z_0)\}, \delta(q_0, 1, z_0) = \{(q_1, 1z_0)\}$$

$$\delta(q_0, 0, 0) = \{(q_0, 00)\}, \delta(q_0, 1, 0) = \{(q_1, 10)\}$$

$$\delta(q_1, 1, 1) = \{(q_1, 11)\}$$

