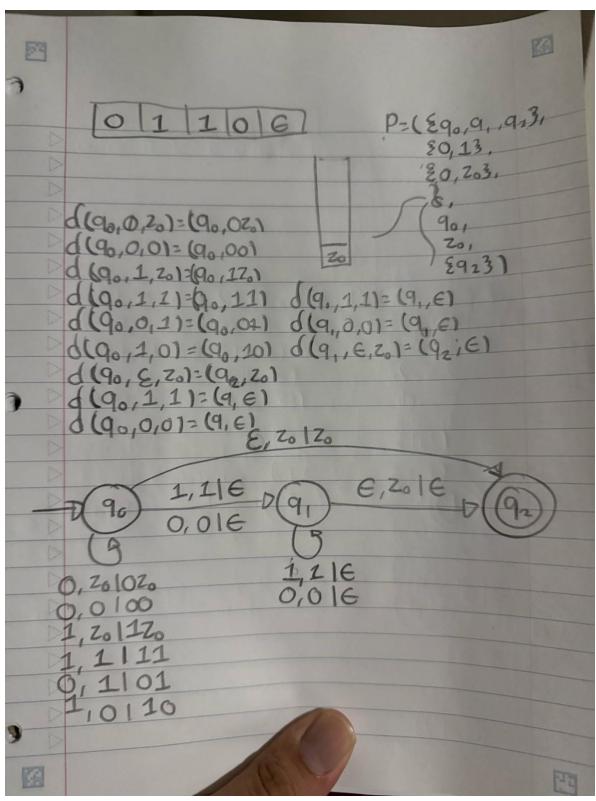
Emiliano Carrizales Becerra A00824311 Implementación de métodos computacionales 23 de sept. de 25

Actividad 6.1

Instrucciones

Resolver los siguientes ejercicios de Pushdown Automata

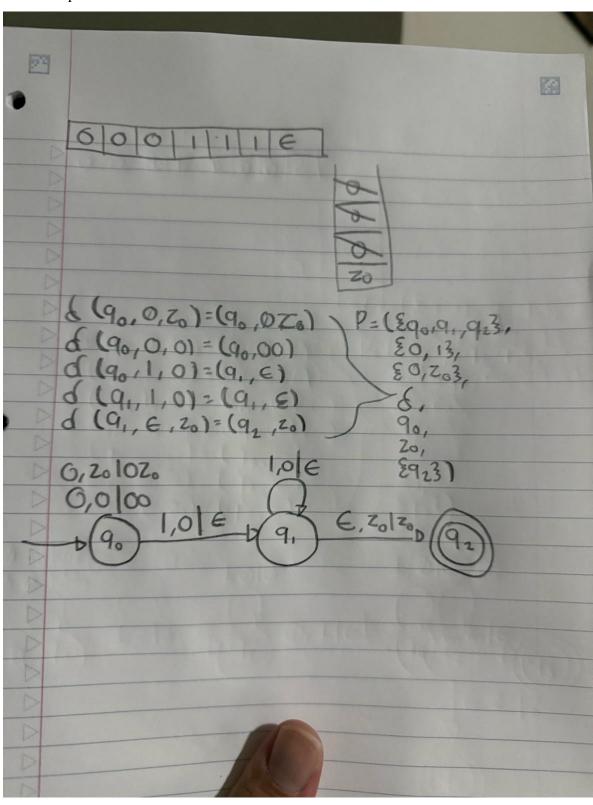
1 - $\{w \in \{0, 1\}^* : w \text{ is a palindrome}\}$



2 - $\{w \in \{0, 1\}^* : w \text{ contains: }\}$

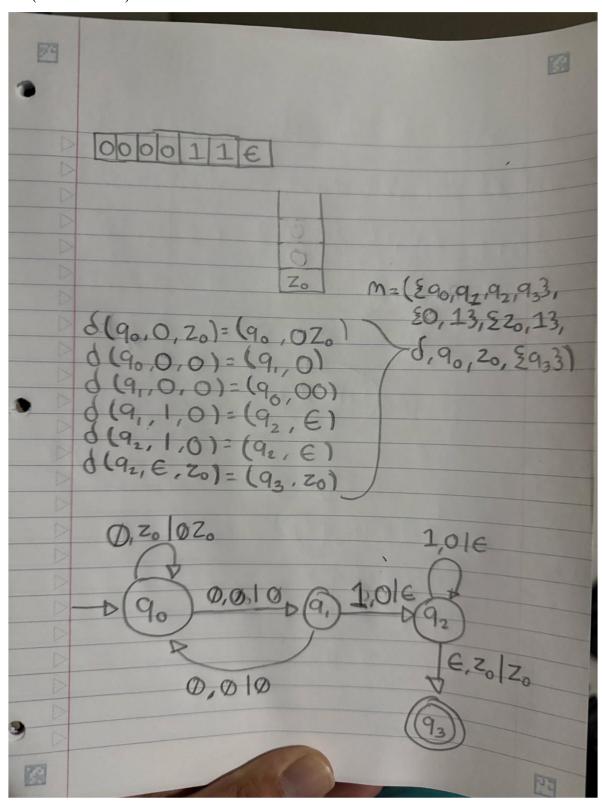
- 2.1 more 1s than 0s
- 2.2 less 1s than 0s

2.3 - equal number of 1s and 0s

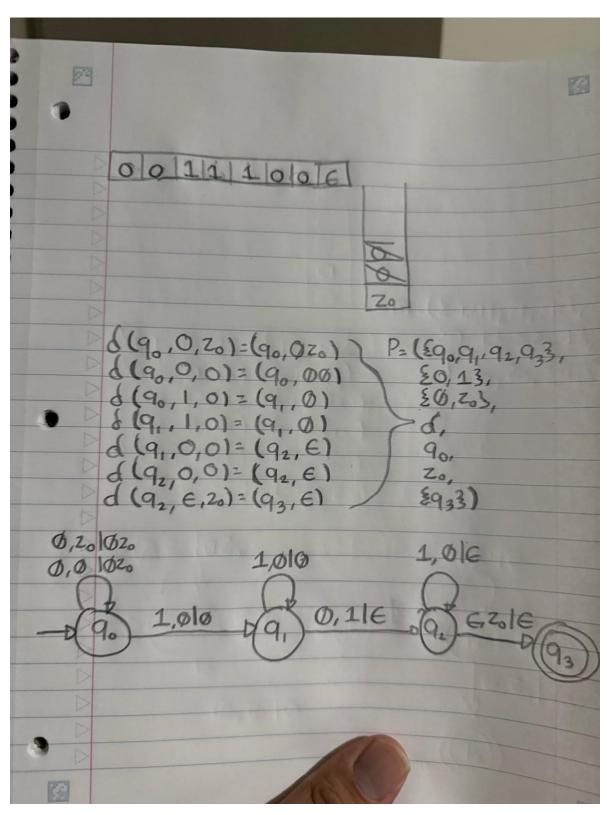


3 - Combine all PAs from Exercise 2

 $4 - \{0^{2n}1^n : n >= 1\}$



5 - $\{0^n1^m0^n : n \ge 1, m \ge 1\}$



Incluir la definición formal y el diseño del PA