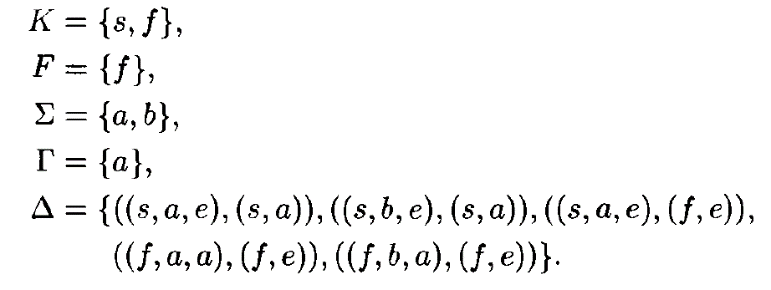
Homework – 6

1. Consider the pushdown automata , where



a). Trace all possible sequence of transitions of on input

Text, letter

Description automatically generated

b). Show that , but

Text

Description automatically generated

c). Describe in English



1. Construct a Pushdown automata that accept each of the followings:

b). The language

c). The language

Diagram, schematic

Description automatically generated