

Figure 1: Question 1. (a) The Aho-Corasick automaton for the strings : {abababa,aaba,baba,bab} Failure links are dotted lines and doubled line nodes are terminal.

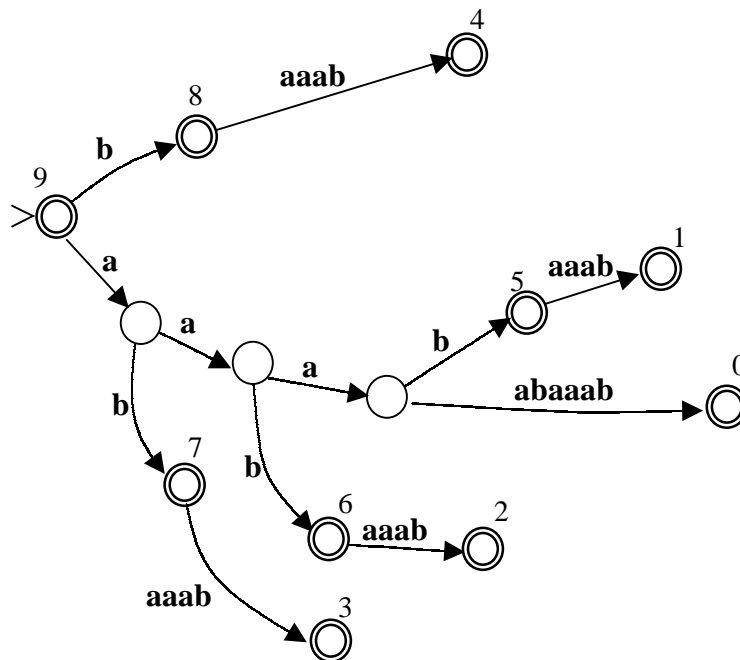


Figure 2: Question 5. (a) The suffix tree associated with the string aaaabaaab. Doubled line node are terminal and the numbers next to the terminal nodes represents the suffix index in the string