

Quiz ++
Answer Section

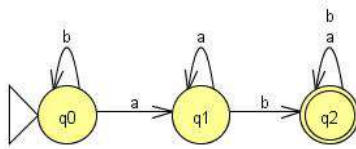
Time: 55 Min

Credit: 60 Points

Date: 04/12/2018

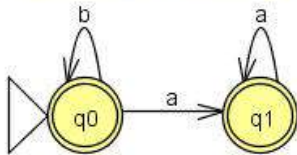
- 1 F
- 2 C
- 3 T
- 4 T
- 5 T
- 6 F
- 7 A, C
- 8 A, B
- 9 B
- 10 T
- 11 F
- 12 T
- 13 B, C
- 14 A, C
- 15 A, C
- 16 A, C
- 17 A, B, C
- 18 B
- 19 A, C
- 20 B
- 21 B, C
- 22 A
- 23 D
- 24 A, C
- 25 A, B
- 26 B, C
- 27 E
- 28 B, D
- 29 A, D
- 30 A, B, C
- 31 A language is called regular iff there exists a DFA/NFA to recognize it.
- 32 The sequence of configurations from when the machine starts until it halts.
- 33 A machine is called deterministic if during any timeframe, there is no more than one transition.
- 34 A set containing all subsets of that set
- 35 A function that all of its domain elements are defined.
- 36 A transition that the machine may unconditionally transit.
- 37 A function is said to be "Turing-computable" if there exists a TM that implements it.
- 38 Its transition function
- 39 The structure of the TM that solves the problem.
- 40 The language that it represents.

41

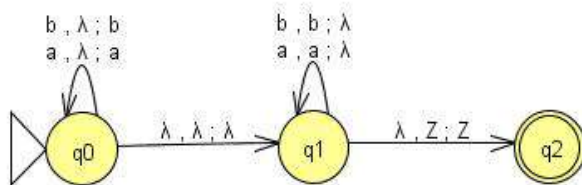


42

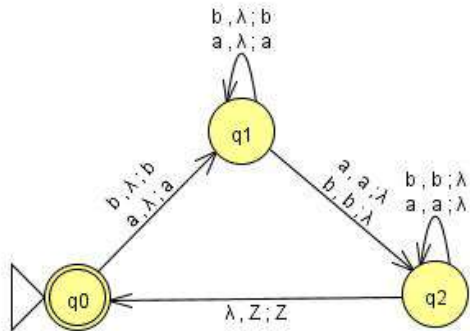
The transition a can be also lambda.



43



OR



44

