

CS 302
QUIZ 3

4 November, 2020

ANSWERS

(a) (5 pts) L_A (L_B) is the set of all strings that terminate with a 1 (0) + the empty string.

(b) (5 pts) The product automaton $A \times B$ is given by the graph below where the language $L_{A \times B}$ is the set with only the empty string ϵ .

