

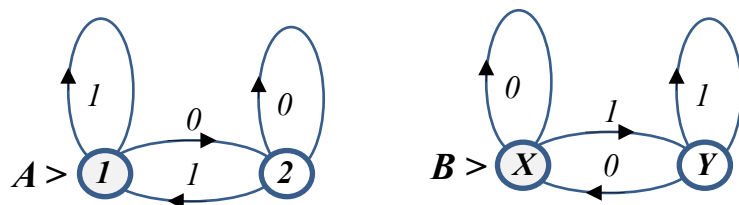
CS 302  
QUIZ 3

4 November, 2020

Duration : 15 minutes

*Do not forget to write your name on your paper !*

QUESTION



Consider the DFAs **A** and **B** above

- (a) (5 pts) State the languages accepted by **A** and **B** in simple natural language.
- (b) (5 pts) Sketch the graph for the **product automaton**  $A \times B$  clearly specifying its initial and final states and the language accepted by it.