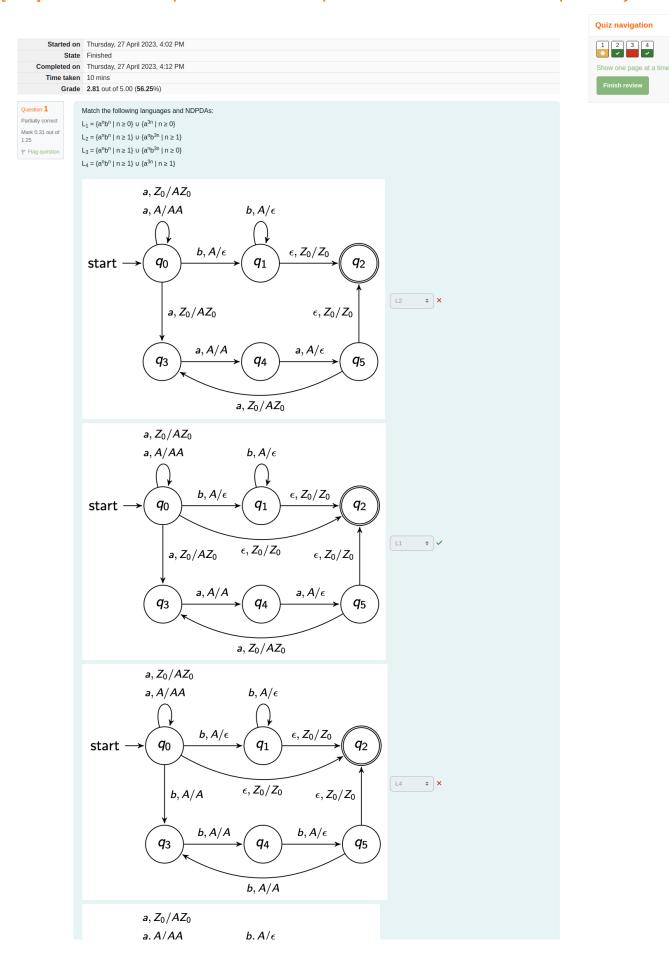
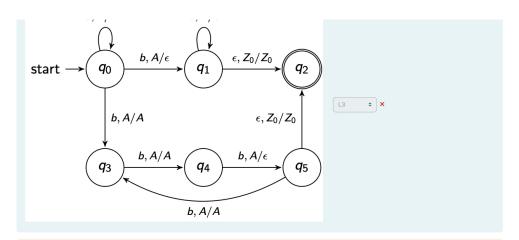
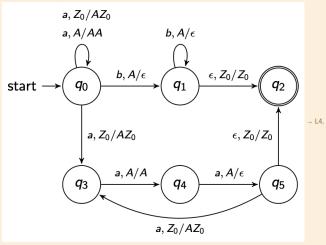
[S23] Theoretical Computer Science / Теоретические основы компьютерных наук

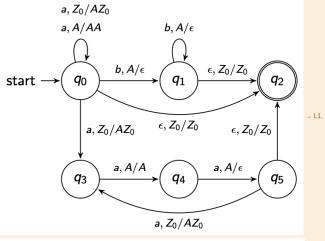


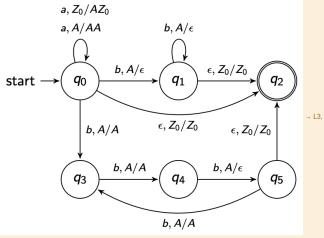


Your answer is partially correct.

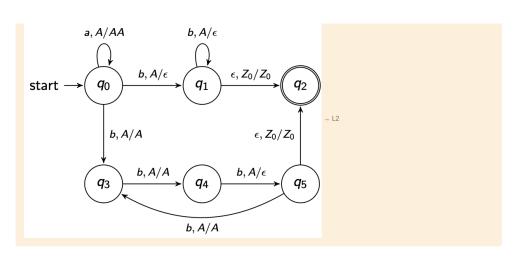
You have correctly selected 1. The correct answer is:







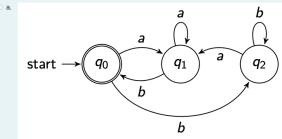
 $a, Z_0/AZ_0$

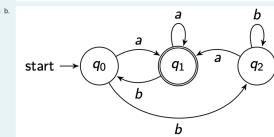


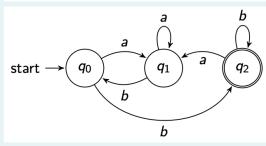
Question 2
Correct ♥ Flag question

Which of the following FSAs could have been used for receiving next Regular Expressions in the k=-1 step of Kleene's Algorithm?

$$\begin{array}{lll} \mathsf{R}_{00}^{-1} = \epsilon & R_{01}^{-1} = \mathbf{a} & R_{02}^{-1} = \mathbf{b} \\ \mathsf{R}_{10}^{-1} = \mathbf{b} & R_{11}^{-1} = \mathbf{a} \mid \epsilon & R_{12}^{-1} = \emptyset \\ \mathsf{R}_{20}^{-1} = \emptyset & R_{21}^{-1} = \mathbf{a} & R_{22}^{-1} = \mathbf{b} \mid \epsilon \end{array}$$







- d. All of the above

 ✓
- e. None of the above

Your answer is correct.

All of the above

⟨ Flag quest

NDTM has a greater expressive power than...

- a. NDFSA 🗸
- ☑ b. DFSA ✓
- ☑ c. DPDA ✓
- ☑ d. NDPDA ✓
- e. DTM ×

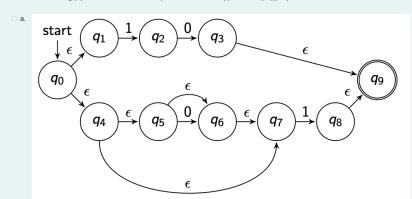
Your answer is incorrect.

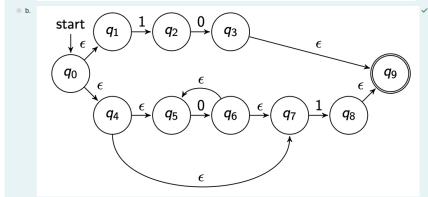
The correct answers are: DFSA, NDFSA, DPDA, NDPDA

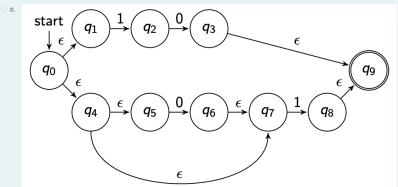
Question 4
Correct
Mark 1.25 out of 1.25

Flag question

Which of the following (N)FSAs is the result of Thompson's Construction application to (10)](0*1)?







od. None of the above

Your answer is correct.

