

CS-C2160 - Theory of Computation, Lecture, 11.1.2022-11.4.2022

This course space end date is set to 16.12.2022 [Search Courses: CS-C2160](#)

/ departm... / Sections / compute... / 7. volu... / 7.9 det...

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Course feedback Syllabus

7. Voluntary problem set: Finite automata

These problems are completely **voluntary** (no bonus points given, either) that one may solve, for instance, before the exam to practise the constructions.

« 7.8 Designing an NFA for a language

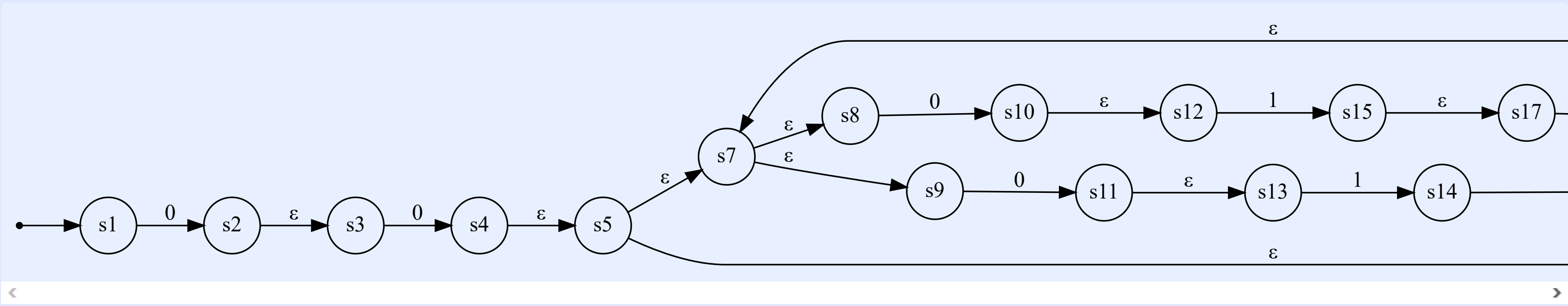
Course overview

7.10 Determinisation »

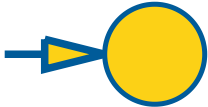
Exercise description My submissions 0 / 50 ▼

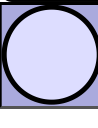
Determinisation

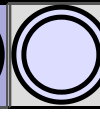
Consider the following automaton

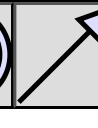


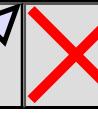
Design a *deterministic* finite automaton (DFA) that recognises the same language.











Reset

Deterministic:
yes

- Click on the canvas to add new states.
- You can also move existing states by dragging them.
- Click on transition labels to edit them.

Submit!

Earned points

0 / 1

Exercise info

Exercise category

Voluntary exercises

Your submissions

0 / 50

Deadline

Sat, 31 Dec 2022 23:59:00 +0200

Total number of submitters

13

« 7.8 Designing an NFA for a language

Course overview

7.10 Determinisation »

Previous activity

◀ 6. Voluntary problem set: Some small brain teasers

Next activity

8. Voluntary problem set: Regular expressions ▶



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