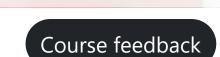
This course space end date is set to 16.12.2022 **Search Courses: CS-C2160**



7.7 Designing an NFA for a language »

Earned points

Exercise info

Exercise category

Voluntary exercises

Your submissions

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

Total number of submitters

0 / 50

16

Deadline

0/1

Astra exercises

Syllabus

Resources

/ departm... / Sections / compute... / 7. volu... / 7.6 min...

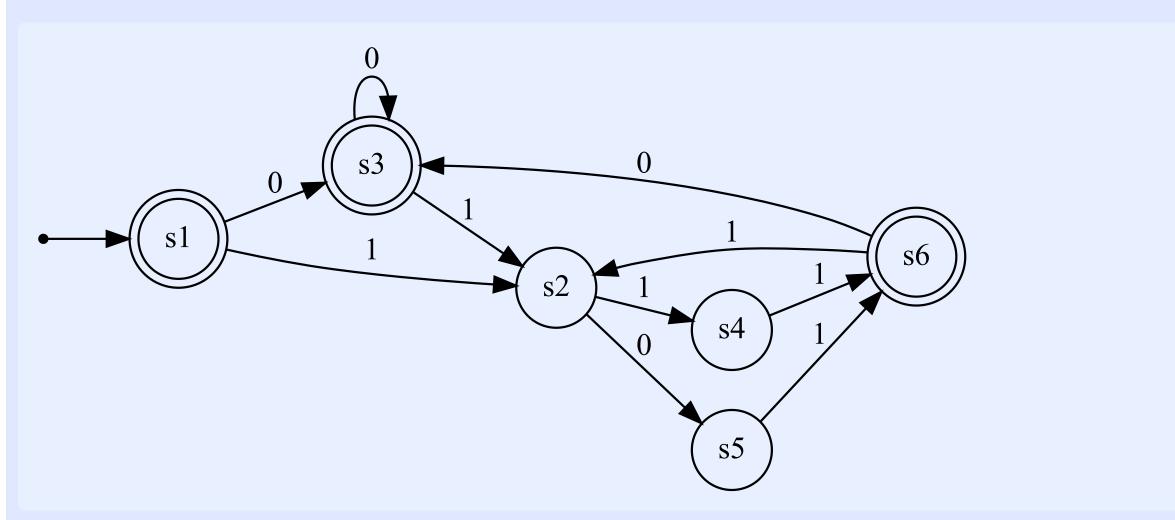
Consider the following automaton

A?

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.

« 7.5 Minimising a DFA Course overview Exercise description My submissions 0 / 50 ~ Minimising a DFA



Design a deterministic finite automaton (DFA) with a minimal number of states that recognises the same language.

If your automaton contains any states that have no outgoing transition for some symbol, an additional, non-accepting "sink state" with self-loops will be added automatically in the grading phase.

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!

« 7.5 Minimising a DFA Course overview 7.7 Designing an NFA for a language »

Previous activity

■ 6. Voluntary problem set: Some small brain teasers

Next activity

8. Voluntary problem set: Regular expressions ►



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Nguyen Binh (Log out)