



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

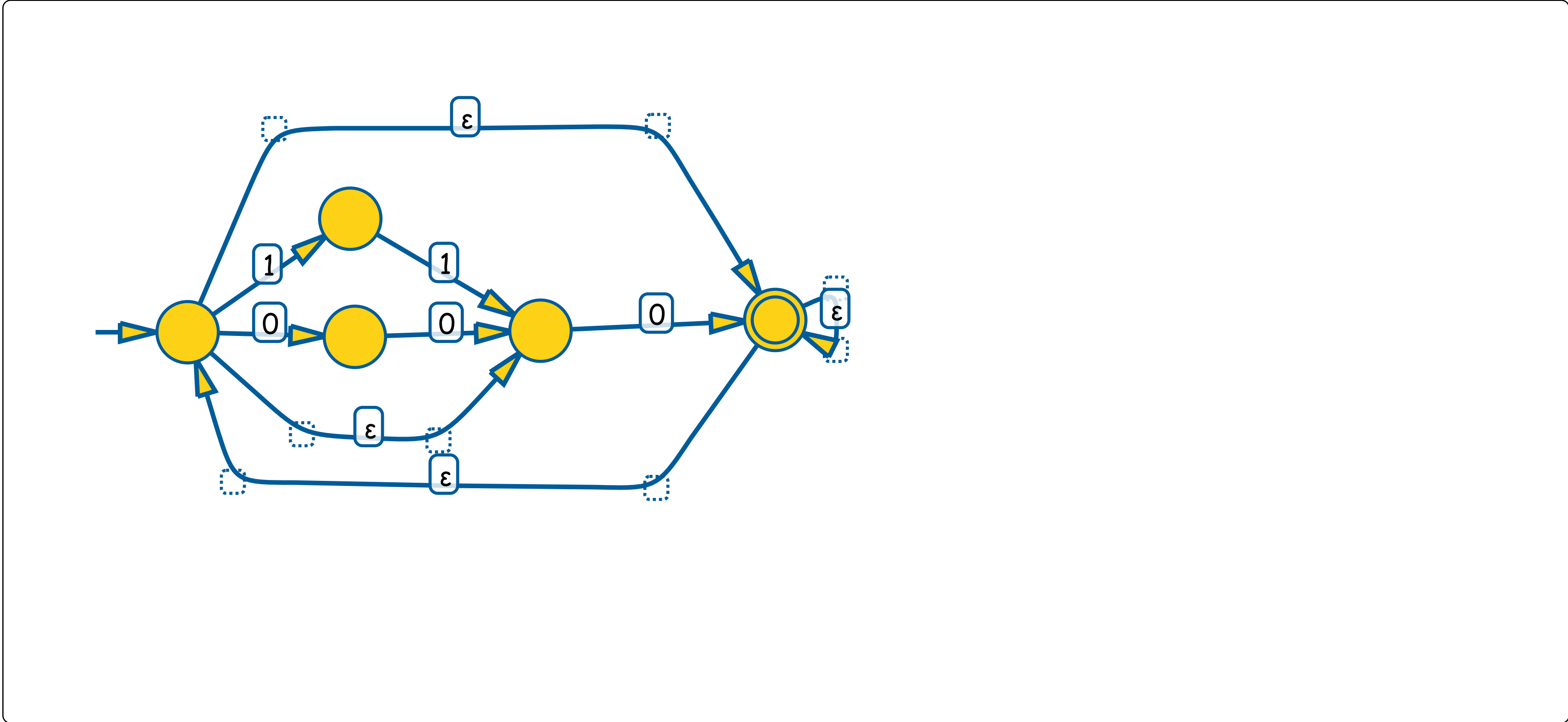
This course space end date is set to 16.12.2022   **Search Courses: CS-C2160**

## 4. Compulsory problem set: Regular expressions

Exercise descriptionMy submissions1 / 50

### From regular expression to automaton

Design an  $\epsilon$ -automaton that recognises the language described by the regular expression  $((11|00|\epsilon)0)^*$ .



ResetDeterministic:  
no

- 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

1 / 1



#### Exercise info

**Exercise category**  
Compulsory exercises

**Your submissions**  
1 / 50

**Points required to pass**  
1

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

**Total number of submitters**  
157

#### Previous activity

◀ 3. Compulsory problem set: Non-deterministic finite automata

#### Next activity

5. Compulsory problem set: Context-free grammars ▶



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