

Wrap up

Lecture 26

Tuesday, April 30, 2019

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What did we learn?

What did we learn?

① Induction

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- ② Strings & Languages

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- ④ **DFA**s

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- 4 DFAs
- 5 NFAs.

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- ⑥ Non regularity (fooling sets).

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- 7 Context free grammars.

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- 8 Turing machines.

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- 6 Non regularity (fooling sets).
- 7 Context free grammars.
- 8 Turing machines.
- 9 Halting/undecidability.

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- 1 Recursion.

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- 11 **MST**.

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- ⑥ SAT/3SAT/CSAT.

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- 2 Reductions.
- 3 Polynomial time reductions.
- 4 P v.s. **NP**.
- 5 **NP-Completeness**
- 6 SAT/3SAT/CSAT.
- 7 Independent Set/Clique/Vertex Cover /Hamiltonian Path/Hamiltonian Cycle, etc.

What is next?

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Life...

What is next?