

Discrete Mathematics 7

Lectures 23, 24

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Core questions (everyone is expected to solve these exercises)

1. State Kleene's theorem. Give an overview of the proof.
2. RLFA Exercise sheet 4.4
3. 1999 paper 2 question 7 [Link](#)
4. State the Pumping Lemma. Give an overview of the proof.
5. RLFA Exercise sheet 5.1
6. 1998 paper 2 question 7 [Link](#)

Tryhard questions (recommended)

1. 2004 paper 2 question 9 [Link](#)