

## GROUP HOMEWORK 5, CPSC 421/501, FALL 2023

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Please note:

- (1) You must justify all answers; no credit is given for a correct answer without justification.
- (2) Proofs should be written out formally.
- (3) You do not have to use LaTeX for homework, but **homework that is too difficult to read will not be graded.**
- (4) You may work together on homework in groups of up to four, **but you must submit a single homework as a group submission under Gradescope.**

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- (1) Exercise 6.1.1 on the handout “Non-Regular Languages,...”
  - (2) Exercise 6.1.2 on the handout “Non-Regular Languages,...”
  - (3) Exercise 6.1.4 on the handout “Non-Regular Languages,...”
  - (4) Exercise 6.1.5 on the handout “Non-Regular Languages,...”

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