

GROUP HOMEWORK 2, CPSC 421/501, FALL 2024

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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.**

- (1) Who are your group members? Please print if writing by hand.
- (2) Exercise 9.2.6 on the handout “Uncomputability in CPSC421/501,” parts (a,b,c). [Hint: For part (c) it may help to use part (a).]
- (3) Exercise 9.2.8 on the handout “Uncomputability in CPSC421/501.”
- (4) Exercise 9.2.13 on the handout “Uncomputability in CPSC421/501.”
- (5) Exercise 9.4.1 on the handout “Uncomputability in CPSC421/501” part (a).

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