

INDIVIDUAL HOMEWORK 4, CPSC 421/501, FALL 2024

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Disclaimer: The material may sketchy and/or contain errors, which I will elaborate upon and/or correct in class. For those not in CPSC 421/501: use this material at your own risk...

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 write up your own solutions individually and must acknowledge with whom you worked.** You must also acknowledge any sources you have used beyond the textbook and the articles on the class website.
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- (1) Exercise 9.2.36, parts (d,e) on the handout “Uncomputability in CPSC421/501.”
 - (2) Exercise 9.2.37 on the handout “Uncomputability in CPSC421/501.”

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