

CSE 2500-01: Homework 2

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Spring 2025

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Coded in L^AT_EX

1. Prove that:

$$(p \wedge q) \vee (\sim p \wedge q) \vee (\sim p \wedge \sim q)$$

Using logical equivalences derived from Theorem 2.1.1.

Indicate the used Logical Equivalence in each step. Do not use a truth table.