CS 132 Assignment3

Gordon Ng

TOTAL POINTS

41 / 42

QUESTION 1

13/3

√ - 0 pts Correct

- -1 pts Not showing T (u + v) = T(u) + T(v)
- 1 pts Not showing T(cu) = cT(u)
- 1 pts Lacking of explanation in proof
- 3 pts Wrong or Missing answer

QUESTION 2

10 pts

2.1 5 / 5

√ - 0 pts Correct

- 1 pts Part1: Incorrect Answer
- 1 pts Part1: Incorrect Justification
- 1 pts Part2: Incorrect Answer (Yes or No)
- 2 pts Part2: Incorrect Justification
- 1 pts Not Selected Correct Pages
- **5 pts** Missing

2.2 5/5

√ - 0 pts Correct

- 1 pts Part1: Incorrect Answer
- 1 pts Part1: Incorrect Justification
- 1 pts Part2: Incorrect (Yes or No)
- 2 pts Part2: Incorrect Justification
- 1 pts Not Selected Correct Pages
- 5 pts Missing

QUESTION 3

3 4/4

√ - 0 pts Correct

- 2 pts Incorrect Explanation
- 2 pts Incorrect Figure

QUESTION 4

4 3/3

√ - 0 pts Correct

- 3 pts Incorrect

QUESTION 5

8 pts

5.1 2 / 2

√ - 0 pts Correct

- 1 pts Some Correct, Some Incorrect
- 2 pts Incorrect/Missing

5.2 5/6

- 0 pts All Parts Correct
- 1 pts Part i Slightly Incorrect

√ - 1 pts Part ii Slightly Incorrect

- 1 pts Part iii Slightly Incorrect
- 2 pts Part i Incorrect
- 2 pts Part ii Incorrect
- 2 pts Part iii Incorrect

QUESTION 6

6 3/3

√ - 0 pts Correct

- 1 pts Used same non-zero columns for b1, b2
- 1.5 pts Incorrect answer, correct explanation /

working

- 2 pts Correct answer, no working
- 3 pts Incorrect answer
- 3 pts No solution

QUESTION 7

7 3/3

- 1 pts wrong answer
- 2 pts wrong justification

- 3 pts missing or wrong answer

QUESTION 8

8 pts

8.1 8 / 8

- √ 0 pts Correct
 - 8 pts No Solution

| 4 - 7 - 1 - 1 - 1 - 2 |
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| X1 + -3.5xy = 0 X1 + -3.5xy = 0 X2 + -3.5xy = 7 X2 + -4.5xy = 7 X2 + -4.5xy = 7 X3 + -3.5xy = 7 X3 + -3.5xy = 7 X3 + -4.5xy = 7 X3 + -3.5xy = 7 X3 + -3.5xy = 7 X3 + -3.5xy = 7 X3 + -3.5xy = 7 X43.5xy = 7 X54.5xy = 7 X63.5xy = 7 X7 + -3.5xy = 7 X84.5xy = 7 X8 |
| X ₁ + -3.5x ₁ = 0 X ₂ + -3.5x ₁ = 0 X ₂ + -3.5x ₁ = 7 X ₂ + -1.5x ₂ = 7 X ₂ + -1 |
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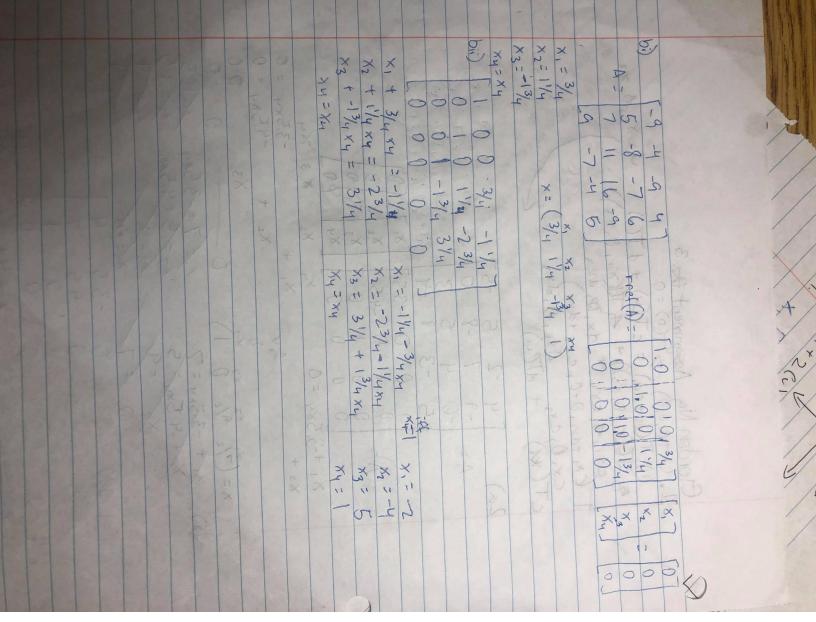
13/3

- 1 pts Not showing T (u + v) = T (u) + T (v)
- 1 pts Not showing T(cu) = cT(u)
- 1 pts Lacking of explanation in proof
- **3 pts** Wrong or Missing answer

| 4 - 7 - 1 - 1 - 1 - 2 |
|--|
| X1 + -3.5xy = 0 X1 + -3.5xy = 0 X2 + -3.5xy = 7 X2 + -4.5xy = 7 X2 + -4.5xy = 7 X3 + -3.5xy = 7 X3 + -3.5xy = 7 X3 + -4.5xy = 7 X3 + -3.5xy = 7 X3 + -3.5xy = 7 X3 + -3.5xy = 7 X3 + -3.5xy = 7 X43.5xy = 7 X54.5xy = 7 X63.5xy = 7 X7 + -3.5xy = 7 X84.5xy = 7 X8 |
| X ₁ + -3.5x ₁ = 0 X ₂ + -3.5x ₁ = 0 X ₂ + -3.5x ₁ = 7 X ₂ + -1.5x ₂ = 7 X ₂ + -1 |
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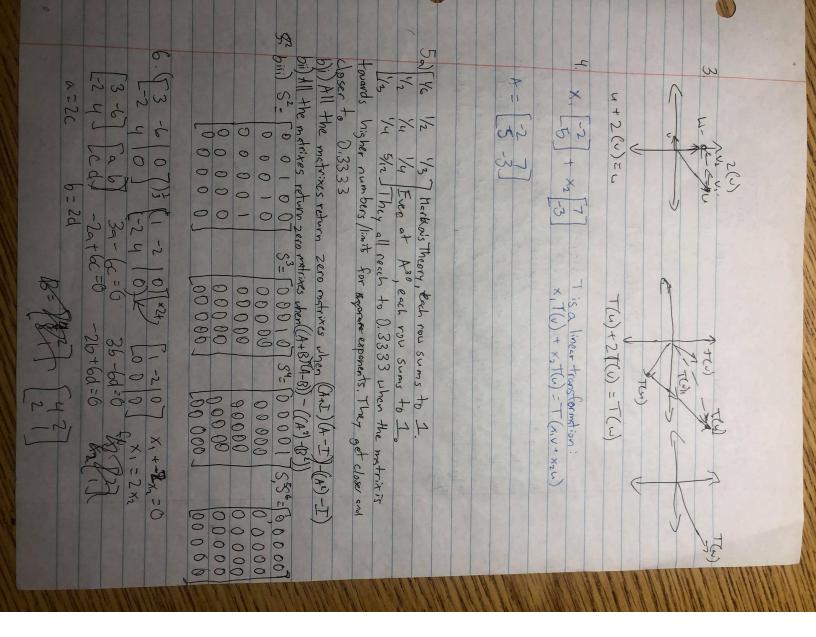
2.1 5/5

- 1 pts Part1: Incorrect Answer
- 1 pts Part1: Incorrect Justification
- 1 pts Part2: Incorrect Answer (Yes or No)
- 2 pts Part2: Incorrect Justification
- 1 pts Not Selected Correct Pages
- **5 pts** Missing



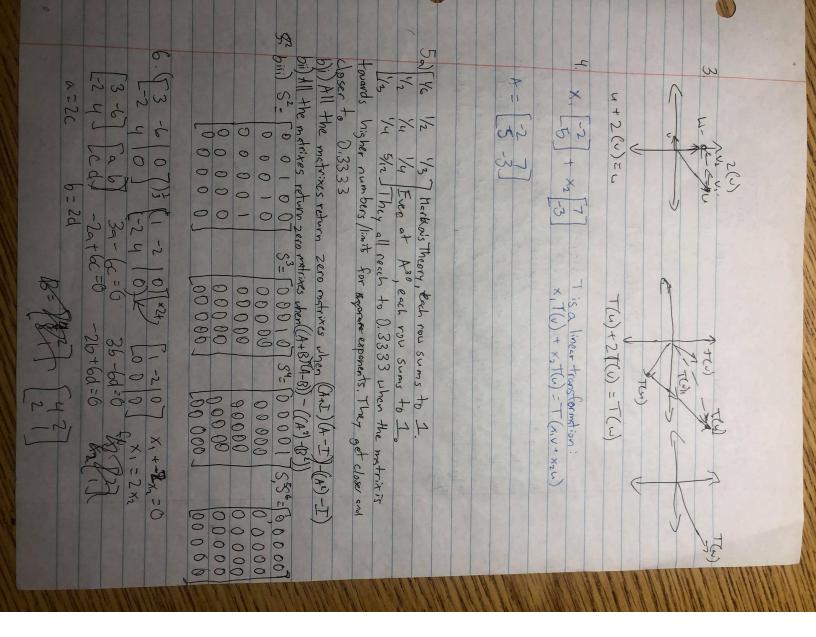
2.2 5/5

- 1 pts Part1: Incorrect Answer
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- 2 pts Part2: Incorrect Justification
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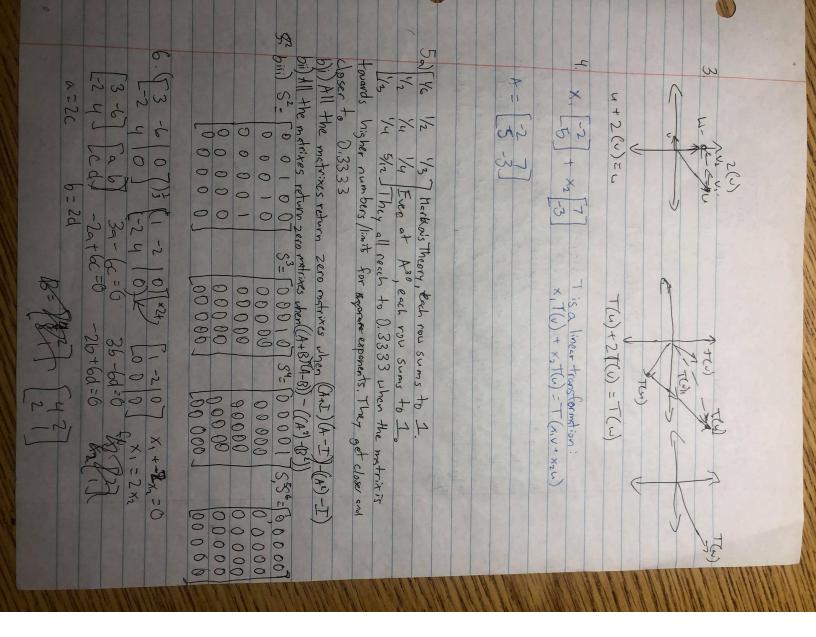


3 4/4

- √ 0 pts Correct
 - 2 pts Incorrect Explanation
 - 2 pts Incorrect Figure

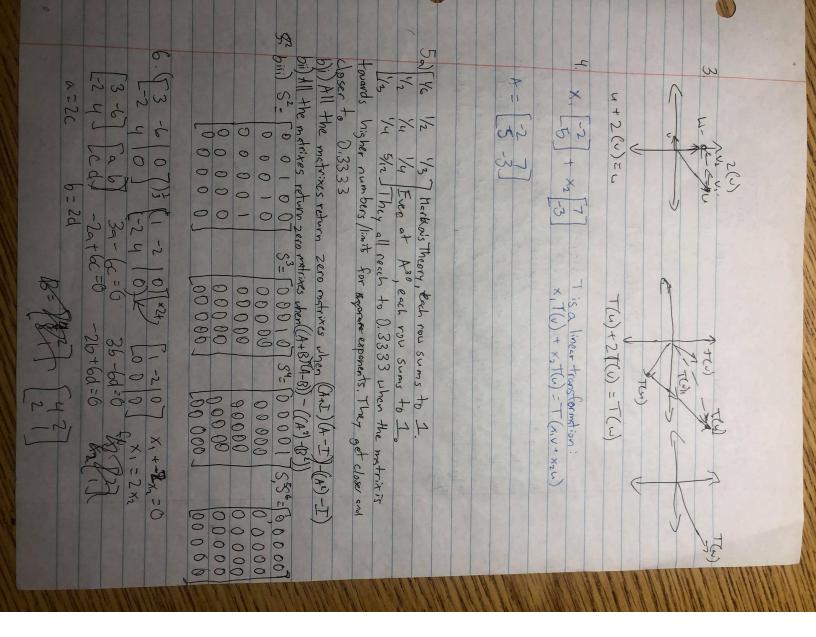


- 4 3/3
 - √ 0 pts Correct
 - 3 pts Incorrect



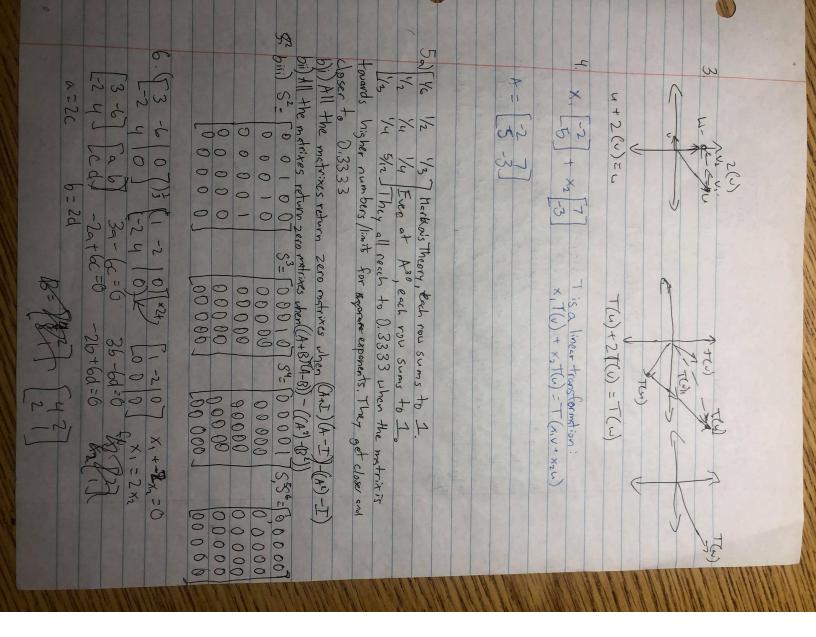
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6 3/3

- 1 pts Used same non-zero columns for b1, b2
- 1.5 pts Incorrect answer, correct explanation / working
- 2 pts Correct answer, no working
- 3 pts Incorrect answer
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| Question: Answer: |
| 7. [QC, 1, Rep] = & C, C, C,, PP] - & O |
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| AB= A[b, bzbp] = [Ab, AbzAbp] |
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| The also ithm below to calculate along the colony pieces is the colony pieces. |
| 2nd element and multiply it with bland 3nd element with bi again. |
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7 3/3

- 1 pts wrong answer
- 2 pts wrong justification
- 3 pts missing or wrong answer

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8.1 8 / 8

- √ 0 pts Correct
 - 8 pts No Solution