23W-EC ENGR-113-LEC-1 HW4

SANJIT SARDA

TOTAL POINTS

46 / 50

QUESTION 1

1 4/5

- + 5 pts Correct
- √ + 4 pts One incorrect
 - + 3 pts Two incorrect
 - + 0 pts All incorrect

QUESTION 2

2 5/5

- √ + 5 pts Correct
 - + 4 pts Partially correct graphs
 - + 3 pts Incorrect/No graphs
 - + 0 pts Incorrect

QUESTION 3

3 **37 / 40**

- **√** + **5 pts** *2.1 Correct*
- **√ + 5 pts** *2.2 Correct*
 - + 3 pts 2.2 Partially Correct
- **√ + 5 pts** *2.3 Correct*
 - + 3 pts 2.3 Partially Correct
- **√** + **5 pts** *2.4 Correct*
 - + 3 pts 2.4 Partially Correct
- √ + 4 pts 3.1 Correct
 - + 3 pts 3.1 Partially Correct
 - + 8 pts 3.2 Correct
- √ + 5 pts 3.2 Partially correct
- √ + 8 pts 3.3 Correct

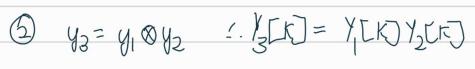
+ 5 pts 3.3 Partially Correct

$$\emptyset \propto [n] = \sin(2\pi \cdot \frac{1}{8}n)$$
 for $n = [0, 1, ..., 7]$

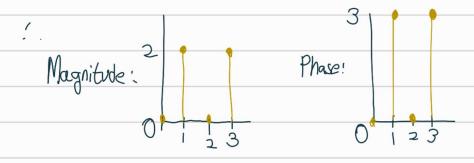
$$=\frac{1}{2J}\left(e^{J^{2}\pi\frac{1}{8}n}-e^{-2\pi\frac{1}{8}n}\right)$$

1 4/5

- + 5 pts Correct
- √ + 4 pts One incorrect
 - + 3 pts Two incorrect
 - + 0 pts All incorrect



Plot 3: 3[K] = 2, sin(IK)(2, cas(IF)+e)27 OSKS3



2 5/5

- √ + 5 pts Correct
 - + 4 pts Partially correct graphs
 - + 3 pts Incorrect/No graphs
 - + 0 pts Incorrect

3 **37 / 40**

- **√ + 5 pts** *2.1 Correct*
- **√ + 5 pts** 2.2 Correct
 - + 3 pts 2.2 Partially Correct
- **√ + 5 pts** *2.3 Correct*
 - + 3 pts 2.3 Partially Correct
- **√ + 5 pts** *2.4 Correct*
 - + 3 pts 2.4 Partially Correct
- **√ + 4 pts** *3.1 Correct*
 - + 3 pts 3.1 Partially Correct
 - + 8 pts 3.2 Correct
- √ + 5 pts 3.2 Partially correct
- **√ + 8 pts** 3.3 Correct
 - + **5 pts** 3.3 Partially Correct