**Department of Computer Engineering**



**Cairo University**

**Faculty of Engineering**

**ELC 325B – Spring 2023**

**Digital Communications**

**Assignment #1**

**Quantization**

**Submitted to**

Dr.

Dr.

Eng.

**Submitted by**

|  |  |  |
| --- | --- | --- |
| **Name** | **Sec** | **BN** |
|  | **1** | **5** |
|  | **2** | **7** |

Contents

[**Part 1:…………** 4](#_Toc129905380)

[**Comment:** 4](#_Toc129905381)

[**Part 2:…………** 5](#_Toc129905382)

[**Comment:** 5](#_Toc129905383)

[**Part 3:…………** 6](#_Toc129905384)

[**Comment:** 6](#_Toc129905385)

[**Part 4:…………** 7](#_Toc129905386)

[**Comment:** 7](#_Toc129905387)

[**Part 5:…………** 8](#_Toc129905388)

[**Comment:** 8](#_Toc129905389)

[**Part 6:…………** 9](#_Toc129905390)

[**Comment:** 9](#_Toc129905391)

[**Index:** 10](#_Toc129905392)

Figures

[Figure 1 Fig 4](#_Toc129905445)

[Figure 2 fig 5](#_Toc129905446)

[Figure 3 Fig 6](#_Toc129905447)

[Figure 4 Fig 7](#_Toc129905448)

[Figure 5 Fig 8](#_Toc129905449)

[Figure 6 Fig 9](#_Toc129905450)

# **Part 1:…………**

Figure Fig

## **Comment:**

# **Part 2:…………**

Figure fig

## **Comment:**

# **Part 3:…………**

Figure Fig

## **Comment:**

# **Part 4:…………**

Figure Fig

## **Comment:**

# **Part 5:…………**

Figure Fig

## **Comment:**

# **Part 6:…………**

Figure Fig

## **Comment:**

# **Index:**