

# Document Similarity Analysis Report

Generated on 2025-03-23 00:09:35

## Executive Summary

Overall Similarity Score: 100.0%

Interpretation: The documents are extremely similar or potentially identical in content.

## Similarity Visualization



Similar Content

## Documents Compared

Property	Document 1	Document 2
Filename	EE5351_L1_4433.docx	EE5351_L1_4433_EgKX3g9.docx
Word Count	598	598

## Similar Content Analysis

All similar phrases found (19 total):

### Match 1/19 (100.0% similarity)

Document 1: EE5351: CONTROL SYSTEM DESIGN LABORATORY 01 NAME : BANDARA LRTD REG No.

Document 2: EE5351: CONTROL SYSTEM DESIGN LABORATORY 01 NAME : BANDARA LRTD REG No.

### Match 2/19 (100.0% similarity)

Document 1 : EG/ 2021/ 4433 GROUP NO: CE07 DATE : 24/01 /2025 Table 1: Summative Laboratory Form Semester 05 Mo...

Document 2 : EG/ 2021/ 4433 GROUP NO: CE07 DATE : 24/01 /2025 Table 1: Summative Laboratory Form Semester 05 Mo...

### Match 3/19 (100.0% similarity)

Document 1: Voltage equation: 2.

**Document 2:** Voltage equation: 2.

---

**Match 4/19 (100.0% similarity)**

**Document 1:** Back EMF equation: 3.

**Document 2:** Back EMF equation: 3.

---

**Match 5/19 (100.0% similarity)**

**Document 1:** Torque equation: 4.

**Document 2:** Torque equation: 4.

---

**Match 6/19 (100.0% similarity)**

**Document 1:** Motor torque relationship: From equations (1), (2), (3), and (4), the speed control transfer functio...

**Document 2:** Motor torque relationship: From equations (1), (2), (3), and (4), the speed control transfer functio...

---

**Match 7/19 (100.0% similarity)**

**Document 1:** Figure 6: Speed Response in the Model Figure 6: Speed Response in the Model Figure 7: Comparing of t...

**Document 2:** Figure 6: Speed Response in the Model Figure 6: Speed Response in the Model Figure 7: Comparing of t...

---

**Match 8/19 (100.0% similarity)**

**Document 1:** Figure 8: The Speed Response when  $K_P=1$  Figure 8: The Speed Response when  $K_P=1$  2.

**Document 2:** Figure 8: The Speed Response when  $K_P=1$  Figure 8: The Speed Response when  $K_P=1$  2.

---

**Match 9/19 (100.0% similarity)**

**Document 1:** Steady State Error:  $1-0.938 : 0.062$  3.

**Document 2:** Steady State Error:  $1-0.938 : 0.062$  3.

---

**Match 10/19 (100.0% similarity)**

**Document 1:** Figure 9: Speed Response from Simulink when  $K_P=1.25$  Figure 9: Speed Response from Simulink when  $K_P=1...$

**Document 2:** Figure 9: Speed Response from Simulink when  $K_P=1.25$  Figure 9: Speed Response from Simulink when  $K_P=1...$

---

## Similar Content Analysis (continued)

### Match 11/19 (100.0% similarity)

**Document 1:** According to the Figure 6 when  $K_p = 1.5$ , Steady state error =  $1 - 1.009 = 0.009$  Figure 11: Speed Respo...

**Document 2:** According to the Figure 6 when  $K_p = 1.5$ , Steady state error =  $1 - 1.009 = 0.009$  Figure 11: Speed Respo...

---

### Match 12/19 (100.0% similarity)

**Document 1:** [2] "Write Gate University," [Online].

**Document 2:** [2] "Write Gate University," [Online].

---

### Match 13/19 (100.0% similarity)

**Document 1:** Available: <https://cecs.wright.edu/krattan/courses/419/lecture5.pdf>.

**Document 2:** Available: <https://cecs.wright.edu/krattan/courses/419/lecture5.pdf>.

---

### Match 14/19 (71.79% similarity)

**Document 1:** Voltage equation: 2.

**Document 2:** Torque equation: 4.

---

### Match 15/19 (71.79% similarity)

**Document 1:** Torque equation: 4.

**Document 2:** Voltage equation: 2.

---

### Match 16/19 (63.41% similarity)

**Document 1:** Voltage equation: 2.

**Document 2:** Back EMF equation: 3.

---

### Match 17/19 (63.41% similarity)

**Document 1:** Back EMF equation: 3.

**Document 2:** Voltage equation: 2.

---

### Match 18/19 (60.0% similarity)

**Document 1:** Back EMF equation: 3.

**Document 2:** Torque equation: 4.

---

### Match 19/19 (60.0% similarity)

**Document 1:** Torque equation: 4.

**Document 2:** Back EMF equation: 3.

---

## Report Details

---

**Analysis Method:** This report uses TF-IDF (Term Frequency-Inverse Document Frequency) vectorization and cosine similarity metrics to analyze document similarity. Additionally, sentence-level comparison is performed using sequence matching algorithms.

**Interpretation Guide:**

- 0-20%: Very low similarity
- 21-40%: Low similarity
- 41-60%: Moderate similarity
- 61-80%: High similarity
- 81-100%: Very high similarity

---

*Disclaimer: This automated similarity analysis provides an approximation of content similarity. The results should be interpreted by a human reviewer for context-appropriate assessment.*