

# Document Similarity Analysis Report

Generated on 2025-03-23 00:09:29

## 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_4432.pdf	EE5351_L1_4432_hIntSCg.pdf
Word Count	715	715

## Similar Content Analysis

All similar phrases found (20 total):

### Match 1/20 (100.0% similarity)

Document 1: EE5351: CONTROL SYSTEM DESIGN LABORATORY 01 NAME : BANDARA KMTON REG.NO.

Document 2: EE5351: CONTROL SYSTEM DESIGN LABORATORY 01 NAME : BANDARA KMTON REG.NO.

### Match 2/20 (100.0% similarity)

Document 1: : EG/2021/4432 GROUP NO.

Document 2: : EG/2021/4432 GROUP NO.

### Match 3/20 (100.0% similarity)

Document 1: : CE 07 DATE : 20/01/2024 Summative Laboratory Form Semester Module Code Module Name Lab Number Lab ...

**Match 4/20** (100.0% similarity)

**Document 1:**  $1^2 + 2^2 + 3^2 + \dots + n^2 = \frac{n(n+1)(2n+1)}{6}$  4 Considering the above...

**Document 2:** ■■ ■■ = ■■ ■■ +■■ ■■■+■■ 1 ■■ = ■■ ■■ 2 ■■ = ■■■ 3 ■■ = ■■■ ■■ ■■ ■■ 4 Considering the above...

**Match 5/20** (100.0% similarity)

**Document 1:** Figure 1:MathLAB code for the Speed Response Figure 2: Graph For the Speed Response When input Volta...

**Document 2:** Figure 1: MathLAB code for the Speed Response Figure 2: Graph For the Speed Response When input Volta...

**Match 6/20** (100.0% similarity)

**Document 1:** Speed Control Given as:  $\frac{1}{s} \left( \frac{1}{s} \right) = \frac{1}{s^2} [10000 \cdot (1000) + 10000 \cdot 1000] \cdot 0.042 \cdot 1.756 \cdot 10^{-4} \cdot 1000 + 1.764 \cdot 10^{-3}$   
Posit...

**Document 2:** Speed Control Given as:  $\ddot{\theta}(\theta) = \ddot{\theta}_{ref} + \ddot{\theta}_{comp}$   $0.042 \cdot 10^{-4} \ddot{\theta} + 1.764 \cdot 10^{-3}$   
Posit...

**Match 7/20** (100.0% similarity)

**Document 1:** Considering the equations given above:  $\frac{1}{2} \left( \frac{1}{2} \right) \frac{1}{2} \left( \frac{1}{2} \right) \frac{1}{2} + \frac{1}{2} \frac{1}{2} = \frac{1}{2} \left( \frac{1}{2} \right) \frac{1}{2} 0 \frac{1}{2} \dots$

**Document 2:** Considering the equations given above:  $\frac{1}{2} \left( \frac{1}{2} \right) \frac{1}{2} \left( \frac{1}{2} \right) \frac{1}{2} + \frac{1}{2} \frac{1}{2} = \frac{1}{2} \left( \frac{1}{2} \right) \frac{1}{2} 0 \frac{1}{2} \dots$

**Match 8/20** (100.0% similarity)

**Document 1:** ■ = ■■ ■ Considering the simplified version ■ = 0 ■■ + ■■ + 0 ■■ ■■ = 0 ■■ (■ ■ ■■ ) ■■ ...

**Document 2:** ■ = ■■ ■ Considering the simplified version ■ = 0 ■■ + ■■ + 0 ■■ ■■ = 0 ■■ (■ ■ ■■ ) ■■ ...

**Match 9/20** (100.0% similarity)

**Document 1:** Figure 5: Combination of the Simulink for 2,4,5,6,7 Questions Q2) i.

**Document 2:** Figure 5: Combination of the Simulink for 2,4,5,6,7 Questions Q2) i.

**Match 10/20** (100.0% similarity)

**Document 1:** Figure 6: Speed Response given by the Model that had created Figure 7: The graph given by state spac...

**Document 2:** Figure 6: Speed Response given by the Model that had created Figure 7: The graph given by state spac...

## Similar Content Analysis (continued)

### Match 11/20 (100.0% similarity)

**Document 1:** Comparing the graphs there can be error as 10 .

**Document 2:** Comparing the graphs there can be error as 10 .

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### Match 12/20 (100.0% similarity)

**Document 1:** So considering the error the reasons can be achieved by the models value was get by running the roto...

**Document 2:** So considering the error the reasons can be achieved by the models value was get by running the roto...

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### Match 13/20 (100.0% similarity)

**Document 1:** not only that but also considering the assumption that the rotor and the modelspace there can be don...

**Document 2:** not only that but also considering the assumption that the rotor and the modelspace there can be don...

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### Match 14/20 (100.0% similarity)

**Document 1:** As well as when running of the software which can be also happened the errors as can be stucked etc.

**Document 2:** As well as when running of the software which can be also happened the errors as can be stucked etc.

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### Match 15/20 (100.0% similarity)

**Document 1:** Figure 8: Time Domain Response 2.

**Document 2:** Figure 8: Time Domain Response 2.

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### Match 16/20 (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.

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### Match 17/20 (100.0% similarity)

**Document 1:** When  $K_p = 1$  Steady State Error Overshoot : 1 0.938 : 1.335 0.938 : 42.32% 0.938 : 0.062 100% Figu...

**Document 2:** When  $K_p = 1$  Steady State Error Overshoot : 1 0.938 : 1.335 0.938 : 42.32% 0.938 : 0.062 100% Figu...

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### Match 18/20 (100.0% similarity)

**Document 1:** Available: ] <https://www.geeksforgeeks.org/proportional-controller-in-control-system/>.

**Document 2:** Available: ] <https://www.geeksforgeeks.org/proportional-controller-in-control-system/>.

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### Match 19/20 (100.0% similarity)

**Document 1:** [2 Control Tutorials, [Online].

**Document 2:** [2 Control Tutorials, [Online].

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### Match 20/20 (100.0% similarity)

**Document 1:** Available: ] <https://ctms.engin.umich.edu/CTMS/index.php?example=Introduction&section;=Contro IPID>.

**Document 2:** Available: ] <https://ctms.engin.umich.edu/CTMS/index.php?example=Introduction&section;=Contro IPID>.

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## Report Details

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**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

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