

# Document Similarity Analysis Report

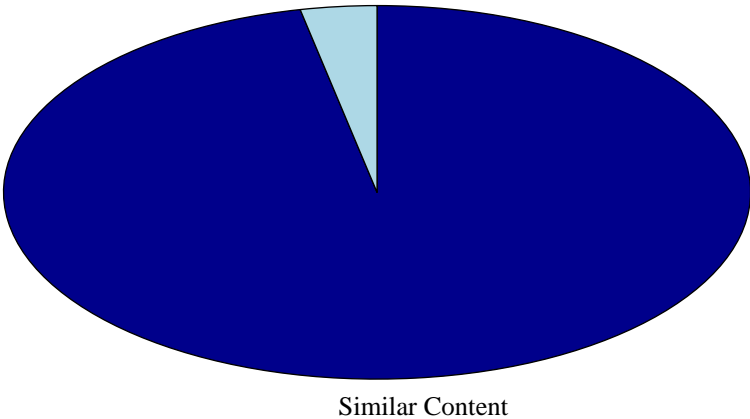
Generated on 2025-03-23 00:09:53

## Executive Summary

Overall Similarity Score: 96.7%

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

## Similarity Visualization



## Documents Compared

Property	Document 1	Document 2
Filename	EE5351_L3_4432.docx	EE5351_L3_4432.pdf
Word Count	658	667

## Similar Content Analysis

All similar phrases found (11 total):

### Match 1/11 (100.0% similarity)

Document 1: EE5351: CONTROL SYSTEM DESIGN LABORATORY 03 NAME : BANDARA KMTON REG.NO.

Document 2: EE5351: CONTROL SYSTEM DESIGN LABORATORY 03 NAME : BANDARA KMTON REG.NO.

### Match 2/11 (100.0% similarity)

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

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

### Match 3/11 (100.0% similarity)

Document 1: % We need to adjust the parameters of the system such that the new ωn is achieved.

Document 2: % We need to adjust the parameters of the system such that the new ωn is achieved.

**Match 4/11 (100.0% similarity)**

**Document 1:** % We need to adjust the parameters of the system such that the new  $\omega_n$  is achieved.

**Document 2:** % We need to adjust the parameters of the system such that the new  $\omega_n$  is achieved.

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**Match 5/11 (100.0% similarity)**

**Document 1:** % We need to adjust the parameters of the system such that the new  $\omega_n$  is achieved.

**Document 2:** % We need to adjust the parameters of the system such that the new  $\omega_n$  is achieved.

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**Match 6/11 (100.0% similarity)**

**Document 1:** % We need to adjust the parameters of the system such that the new  $\omega_n$  is achieved.

**Document 2:** % We need to adjust the parameters of the system such that the new  $\omega_n$  is achieved.

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**Match 7/11 (100.0% similarity)**

**Document 1:** Available: [https://www.tutorialspoint.com/control\\_systems/control\\_systems\\_construction\\_root\\_locus.h...](https://www.tutorialspoint.com/control_systems/control_systems_construction_root_locus.h...)

**Document 2:** Available: [https://www.tutorialspoint.com/control\\_systems/control\\_systems\\_construction\\_root\\_locus.h...](https://www.tutorialspoint.com/control_systems/control_systems_construction_root_locus.h...)

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**Match 8/11 (100.0% similarity)**

**Document 1:** [2] Mathworks, [Online].

**Document 2:** [2] Mathworks, [Online].

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**Match 9/11 (97.94% similarity)**

**Document 1:** % Adjust the denominator to increase  $\omega_n$  by 10% denominator\_new = denominator; denominator\_new(1) = d...

**Document 2:** % Adjust the denominator to increase  $\omega_n$  by 10% denominator\_new = denominator; denominator\_new(1) = d...

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**Match 10/11 (93.25% similarity)**

**Document 1:** % Adjust the denominator to increase  $\omega_n$  by 10% denominator\_new = denominator; denominator\_new(1) = d...

**Document 2:** % Adjust the denominator to increase  $\omega_n$  by 10% denominator\_new = denominator; denominator\_new(1) = d...

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## Similar Content Analysis (continued)

Match 11/11 (74.59% similarity)

**Document 1:** Figure 9: Time domain response [ $\theta_m(t)$ ] of the closed loop position control system of DC motor Figure...

**Document 2:** Figure 9: Time domain response [ $\theta_m(t)$ ] of the closed loop position control system of DC motor 2 Refe...

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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.*