

# Document Similarity Analysis Report

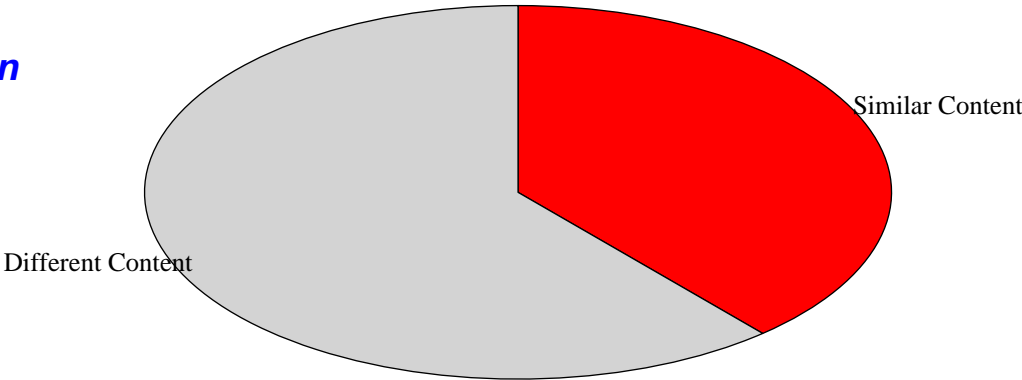
Generated on 2025-03-23 00:09:16

## Executive Summary

Overall Similarity Score: 38.63%

Interpretation: The documents have some similar elements, but are largely different.

## Similarity Visualization



## Documents Compared

Property	Document 1	Document 2
Filename	EE5351_L1_4433.pdf	EE5351_L2_4433.docx
Word Count	721	366

## Similar Content Analysis

All similar phrases found (3 total):

### Match 1/3 (98.59% similarity)

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

Document 2: EE5351: CONTROL SYSTEM DESIGN LABORATORY 02 NAME : BANDARA LRTD REG No.

### Match 2/3 (79.25% similarity)

Document 1: Back EMF equation:  $E_b = \omega \Phi$  3.

Document 2: Back EMF equation: 3.

### Match 3/3 (69.09% similarity)

Document 1: Torque equation:  $T = \frac{E_b}{\omega} = \frac{\Phi}{\omega} \cdot \omega \Phi$  4.

Document 2: Torque equation: 4.

## 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.*