Document Similarity Analysis Report

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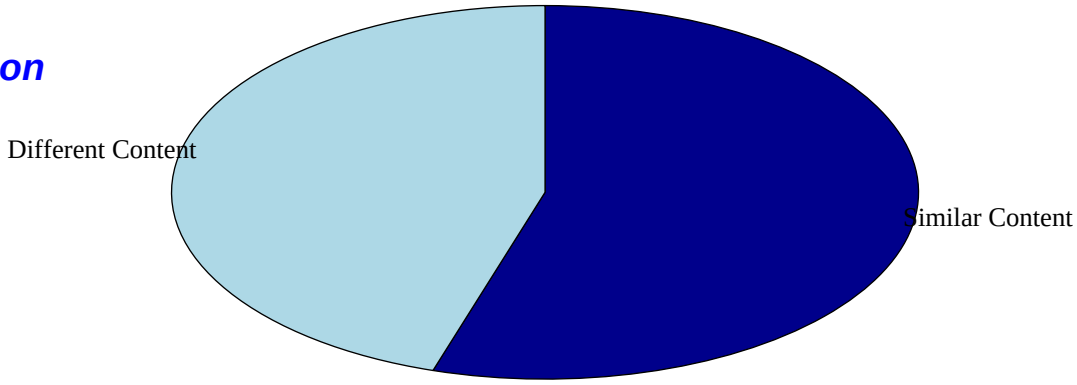
Executive Summary

Overall Similarity Score: 54.85%

Interpretation: The documents have moderate similarity, with significant shared content.

Similarity Visualization



Documents Compared

Property	Document 1	Document 2
Filename	EE5351_L3_4433.docx	EE5351_L1_4433_EgKX3g9.docx
Word Count	504	598

Similar Content Analysis

All similar phrases found (10 total):

Match 1/10 (100.0% similarity)

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

Match 2/10 (100.0% similarity)

Document 1: Back EMF equation: 3.
Document 2: Back EMF equation: 3.

Match 3/10 (100.0% similarity)

Document 1: Torque equation: 4.
Document 2: Torque equation: 4.

Match 4/10 (98.59% similarity)

Document 1: EE5351: CONTROL SYSTEM DESIGN LABORATORY 03 NAME : BANDARA LRTD REG No.
Document 2: EE5351: CONTROL SYSTEM DESIGN LABORATORY 01 NAME : BANDARA LRTD REG No.

Match 5/10 (71.79% similarity)

Document 1: Voltage equation: 2.
Document 2: Torque equation: 4.

Match 6/10 (71.79% similarity)

Document 1: Torque equation: 4.
Document 2: Voltage equation: 2.

Match 7/10 (63.41% similarity)

Document 1: Voltage equation: 2.
Document 2: Back EMF equation: 3.

Match 8/10 (63.41% similarity)

Document 1: Back EMF equation: 3.
Document 2: Voltage equation: 2.

Match 9/10 (60.0% similarity)

Document 1: Back EMF equation: 3.
Document 2: Torque equation: 4.

Match 10/10 (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.