

Document Similarity Analysis Report

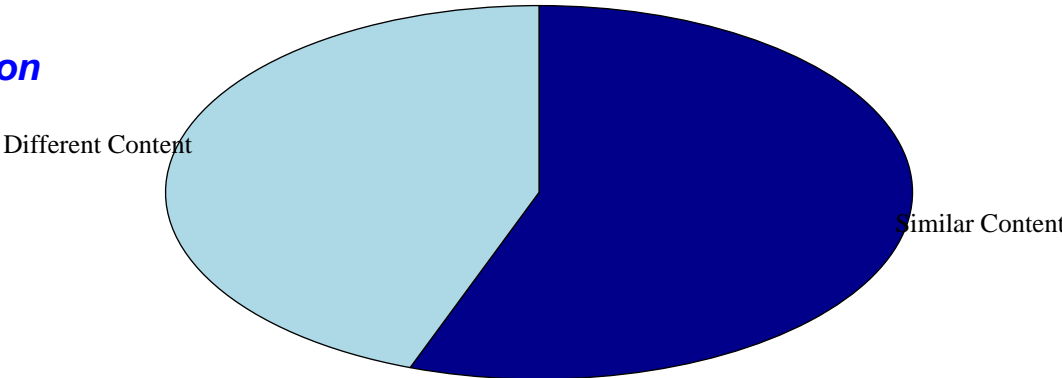
Generated on 2025-03-23 00:09:20

Executive Summary

Overall Similarity Score: 55.61%

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

Similarity Visualization



Documents Compared

Property	Document 1	Document 2
Filename	EE5351_L1_4433.pdf	EE5351_L3_4433.pdf
Word Count	721	528

Similar Content Analysis

All similar phrases found (4 total):

Match 1/4 (100.0% similarity)

Document 1: Voltage equation: $V = IR + L \frac{di}{dt} + \frac{1}{C} \int i dt$ 2.

Document 2: Voltage equation: $V = IR + L \frac{di}{dt} + \frac{1}{C} \int i dt$ 2.

Match 2/4 (100.0% similarity)

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

Document 2: Back EMF equation: $E_b = \omega \Phi$ 3.

Match 3/4 (100.0% similarity)

Document 1: Torque equation: $T = \frac{P}{\omega}$ 4.

Document 2: Torque equation: $T = \frac{P}{\omega}$ 4.

Match 4/4 (98.59% similarity)

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

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

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.