

# Document Similarity Analysis Report

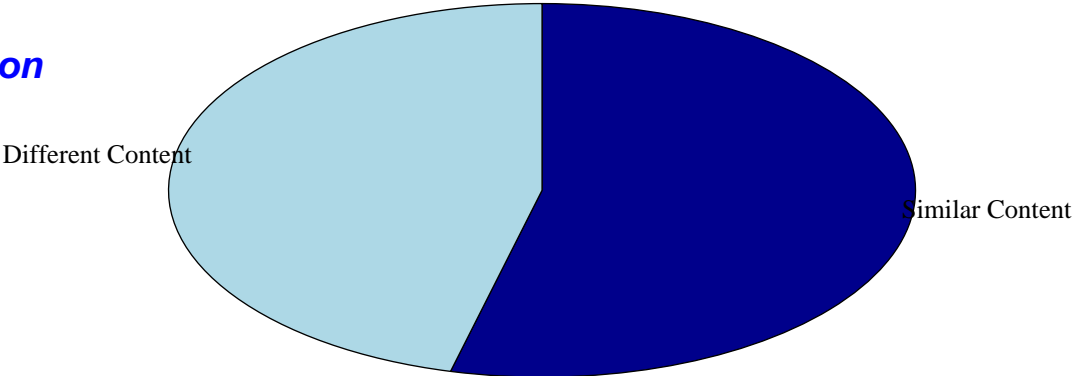
Generated on 2025-03-23 00:10:30

## Executive Summary

Overall Similarity Score: 53.94%

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

## Similarity Visualization



## Documents Compared

Property	Document 1	Document 2
Filename	EE5351_L1_4424.pdf	EE5351_L2_4424_EzKkxoj.pdf
Word Count	782	518

## Similar Content Analysis

All similar phrases found (6 total):

### Match 1/6 (100.0% similarity)

Document 1: Observation 6 02.

Document 2: Observation 6 02.

### Match 2/6 (100.0% similarity)

Document 1: Calculation 7 03.

Document 2: Calculation 7 03.

### Match 3/6 (76.6% similarity)

Document 1: [3] "Quanser," [Online].

Document 2: [3] "Medium," [Online].

**Match 4/6 (70.37% similarity)**

**Document 1:** [3] "Quanser," [Online].

**Document 2:** [2] "PID Explained," [Online].

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**Match 5/6 (62.96% similarity)**

**Document 1:** [2] "Science Direct," [Online].

**Document 2:** [3] "Medium," [Online].

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**Match 6/6 (62.3% similarity)**

**Document 1:** [2] "Science Direct," [Online].

**Document 2:** [2] "PID Explained," [Online].

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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.*