

Document Similarity Analysis Report

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Executive Summary

Overall Similarity Score: 100.0%

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

Similarity Visualization



Similar Content

Documents Compared

Property	Document 1	Document 2
Filename	EE5351_L2_4424.pdf	EE5351_L2_4424_EzKkxoj.pdf
Word Count	518	518

Similar Content Analysis

All similar phrases found (13 total):

Match 1/13 (100.0% similarity)

Document 1: EE 5351 : CONTROL SYSTEMS DESIGN LABORATORY 02 NAME REG No : BALASOORIYA JM : EG/2021/4424 GROUP No ...

Document 2: EE 5351 : CONTROL SYSTEMS DESIGN LABORATORY 02 NAME REG No : BALASOORIYA JM : EG/2021/4424 GROUP No ...

Match 2/13 (100.0% similarity)

Document 1: Observation 6 02.

Document 2: Observation 6 02.

Match 3/13 (100.0% similarity)

Document 1: Calculation 7 03.

Document 2: Calculation 7 03.

Match 4/13 (100.0% similarity)

Document 1: Reference 13 01.Observation Figure 1: QUBEServo3 DC motor and load Table 2 : QUBEServo3 parameter Te...

Document 2: Reference 13 01.Observation Figure 1: QUBEServo3 DC motor and load Table 2 : QUBEServo3 parameter Te...

Match 5/13 (100.0% similarity)

Document 1: 100% =28.7% Q2) i) Characteristic equation $\ddot{\theta} + 0.042 \dot{\theta} + 17.556 \theta = 0$

Document 2: 100% =28.7% Q2) i) Characteristic equation $\ddot{\theta} + 0.042 \dot{\theta} + 17.556 \theta = 0$

Match 6/13 (100.0% similarity)

Document 1: = 33.97% 100% iii) Calculate k p and k d parameter $\zeta = 0.3$ From 30% of overshoot $\sigma = 30\%$

Document 2: = 33.97% 100% iii) Calculate k p and k d parameter $\zeta = 0.3$ From 30% of overshoot $\sigma = 30\%$

Match 7/13 (100.0% similarity)

Document 1: = 40.06% .

Document 2: = 40.06% .

Match 8/13 (100.0% similarity)

Document 1: 100% Design PD controller Figure 7: PD controller design 03.Reference [1] "LibreTexts," [Online].

Document 2: 100% Design PD controller Figure 7: PD controller design 03.Reference [1] "LibreTexts," [Online].

Match 9/13 (100.0% similarity)

Document 1: Available: https://eng.libretexts.org/Bookshelves/Industrial_and_Systems_Engineering/Introduction_t...

Document 2: Available: https://eng.libretexts.org/Bookshelves/Industrial_and_Systems_Engineering/Introduction_t...

Match 10/13 (100.0% similarity)

Document 1: [2] "PID Explained," [Online].

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

Similar Content Analysis (continued)

Match 11/13 (100.0% similarity)

- Document 1:** [3] "Medium," [Online].
 - Document 2:** [3] "Medium," [Online].
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Match 12/13 (67.92% similarity)

- Document 1:** [2] "PID Explained," [Online].
 - Document 2:** [3] "Medium," [Online].
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Match 13/13 (67.92% similarity)

- Document 1:** [3] "Medium," [Online].
 - Document 2:** [2] "PID Explained," [Online].
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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.