Document Similarity Analysis Report

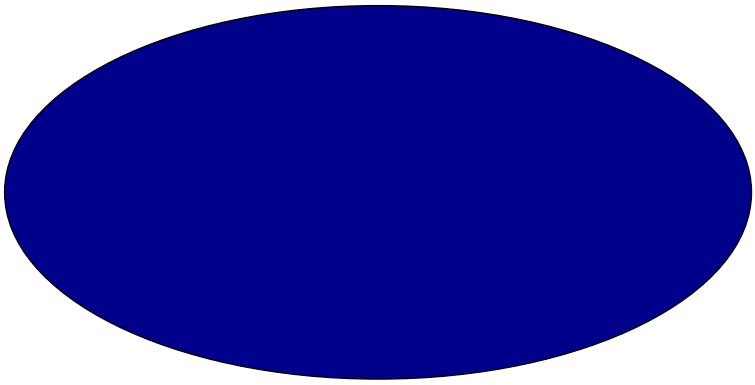
Generated on 2025-03-23 00:10:32

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_L1_4424.pdf	EE5351_L1_4424_obTdf5o.pdf
Word Count	782	782

Similar Content Analysis

All similar phrases found (39 total):

Match 1/39 (100.0% similarity)

Document 1: EE 5351 : CONTROL SYSTEMS DESIGN LABORATORY 01 NAME REG No : BALASOORIYA JM : EG/2021/4424 GROUP No ...

Document 2: EE 5351 : CONTROL SYSTEMS DESIGN LABORATORY 01 NAME REG No : BALASOORIYA JM : EG/2021/4424 GROUP No ...

Match 2/39 (100.0% similarity)

Document 1: Observation 6 02.

Document 2: Observation 6 02.

Match 3/39 (100.0% similarity)

Document 1: Calculation 7 03.

Document 2: Calculation 7 03.

Match 4/39 (100.0% similarity)

Document 1: Reference 17 01.Observation Figure 1: QUBEServo3 DC motor and load Table 2 : QUBEServo3 parameter Te...

Document 2: Reference 17 01.Observation Figure 1: QUBEServo3 DC motor and load Table 2 : QUBEServo3 parameter Te...

Match 5/39 (100.0% similarity)

Document 1: = + 2009.57 0 = [0 1] +[0] ■■ vii) State Space Model (rotor position and rotor speed) ■ ■ ■ =(=...

Document 2: = + 2009.57 0 = [0 1] +[0] ■■ vii) State Space Model (rotor position and rotor speed) ■ ■ ■ =(=...

Match 6/39 (100.0% similarity)

Document 1: 0 10.05 [■] = [1 0] +[0] ■ ■ ■■ viii) Plot the time domain speed responses Figure 5: Simulink Q1(V...

Document 2: 0 10.05 [■] = [1 0] +[0] ■ ■ ■■ viii) Plot the time domain speed responses Figure 5: Simulink Q1(V...

Match 7/39 (100.0% similarity)

Document 1: Rise time Determine simplified dynamics(Jeq, Rm, Reflect actual damping and delay present In kt)to b...

Document 2: Rise time Determine simplified dynamics(Jeq, Rm, Reflect actual damping and delay present In kt)to b...

Match 8/39 (100.0% similarity)

Document 1: Settling time Simplified model response faster without external disturbances.

Document 2: Settling time Simplified model response faster without external disturbances.

Match 9/39 (100.0% similarity)

Document 1: Simulink model for actual motor inertia and damping.

Document 2: Simulink model for actual motor inertia and damping.

Match 10/39 (100.0% similarity)

Document 1: It potentially showing longer settling time 3) i) Kp=1 Figure 8 : Graph of steady state error(Kp=1) ...

Document 2: It potentially showing longer settling time 3) i) Kp=1 Figure 8 : Graph of steady state error(Kp=1) ...

Similar Content Analysis (continued)

Match 11/39 (100.0% similarity)

Document 1: = 1 0.938 = 0.062 100 100 = 33.5% Kp=1.25 Figure 9 : Graph of steady state error(Kp=1.25) Acco...
Document 2: = 1 0.938 = 0.062 100 100 = 33.5% Kp=1.25 Figure 9 : Graph of steady state error(Kp=1.25) Acco...

Match 12/39 (100.0% similarity)

Document 1: = 37.4% 100% Kp=1.5, Figure 10 : Graph of steady state error(Kp=1.5) According to the Figure 10 Ov...
Document 2: = 37.4% 100% Kp=1.5, Figure 10 : Graph of steady state error(Kp=1.5) According to the Figure 10 Ov...

Match 13/39 (100.0% similarity)

Document 1: = 40.5 % = 1 1.009 = 0.009 100 Kp=1.75 Figure 11 : Graph of steady state error(Kp=1.75) Accordin...
Document 2: = 40.5 % = 1 1.009 = 0.009 100 Kp=1.75 Figure 11 : Graph of steady state error(Kp=1.75) Accordin...

Match 14/39 (100.0% similarity)

Document 1: =44.2% 100 Kp=2 Figure 12 : Graph of steady state error(Kp=2) According to the figure Steady state...
Document 2: =44.2% 100 Kp=2 Figure 12 : Graph of steady state error(Kp=2) According to the figure Steady state...

Match 15/39 (100.0% similarity)

Document 1: = 46.6% 100 03.Reference [1] MATLAB.
Document 2: = 46.6% 100 03.Reference [1] MATLAB.

Match 16/39 (100.0% similarity)

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

Match 17/39 (100.0% similarity)

Document 1: [3] "Quanser," [Online].
Document 2: [3] "Quanser," [Online].

Match 18/39 (80.0% similarity)

Document 1: = 1 0.938 = 0.062 100 100 = 33.5% Kp=1.25 Figure 9 : Graph of steady state error(Kp=1.25) Acco...
Document 2: =44.2% 100 Kp=2 Figure 12 : Graph of steady state error(Kp=2) According to the figure Steady state...

Match 19/39 (80.0% similarity)

Document 1: =44.2% 100 Kp=2 Figure 12 : Graph of steady state error(Kp=2) According to the figure Steady state...
Document 2: = 1 0.938 = 0.062 100 100 = 33.5% Kp=1.25 Figure 9 : Graph of steady state error(Kp=1.25) Acco...

Match 20/39 (76.01% similarity)

Document 1: = 37.4% 100% Kp=1.5, Figure 10 : Graph of steady state error(Kp=1.5) According to the Figure 10 Ov...
Document 2: =44.2% 100 Kp=2 Figure 12 : Graph of steady state error(Kp=2) According to the figure Steady state...

Similar Content Analysis (continued)

Match 21/39 (76.01% similarity)

Document 1: =44.2% 100 Kp=2 Figure 12 : Graph of steady state error(Kp=2) According to the figure Steady state...
Document 2: = 37.4% 100% Kp=1.5, Figure 10 : Graph of steady state error(Kp=1.5) According to the Figure 10 Ov...

Match 22/39 (75.72% similarity)

Document 1: = 1 0.938 = 0.062 100 100 = 33.5% Kp=1.25 Figure 9 : Graph of steady state error(Kp=1.25) Acco...
Document 2: = 40.5 % = 1 1.009 = 0.009 100 Kp=1.75 Figure 11 : Graph of steady state error(Kp=1.75) Accordin...

Match 23/39 (75.72% similarity)

Document 1: = 40.5 % = 1 1.009 = 0.009 100 Kp=1.75 Figure 11 : Graph of steady state error(Kp=1.75) Accordin...
Document 2: = 1 0.938 = 0.062 100 100 = 33.5% Kp=1.25 Figure 9 : Graph of steady state error(Kp=1.25) Acco...

Match 24/39 (74.83% similarity)

Document 1: = 37.4% 100% Kp=1.5, Figure 10 : Graph of steady state error(Kp=1.5) According to the Figure 10 Ov...
Document 2: = 40.5 % = 1 1.009 = 0.009 100 Kp=1.75 Figure 11 : Graph of steady state error(Kp=1.75) Accordin...

Match 25/39 (74.83% similarity)

Document 1: = 40.5 % = 1 1.009 = 0.009 100 Kp=1.75 Figure 11 : Graph of steady state error(Kp=1.75) Accordin...
Document 2: = 37.4% 100% Kp=1.5, Figure 10 : Graph of steady state error(Kp=1.5) According to the Figure 10 Ov...

Match 26/39 (73.68% similarity)

Document 1: = 37.4% 100% Kp=1.5, Figure 10 : Graph of steady state error(Kp=1.5) According to the Figure 10 Ov...
Document 2: = 1 0.938 = 0.062 100 100 = 33.5% Kp=1.25 Figure 9 : Graph of steady state error(Kp=1.25) Acco...

Match 27/39 (73.03% similarity)

Document 1: = 1 0.938 = 0.062 100 100 = 33.5% Kp=1.25 Figure 9 : Graph of steady state error(Kp=1.25) Acco...
Document 2: = 37.4% 100% Kp=1.5, Figure 10 : Graph of steady state error(Kp=1.5) According to the Figure 10 Ov...

Match 28/39 (72.84% similarity)

Document 1: = 40.5 % = 1 1.009 = 0.009 100 Kp=1.75 Figure 11 : Graph of steady state error(Kp=1.75) Accordin...
Document 2: =44.2% 100 Kp=2 Figure 12 : Graph of steady state error(Kp=2) According to the figure Steady state...

Match 29/39 (72.84% similarity)

Document 1: =44.2% 100 Kp=2 Figure 12 : Graph of steady state error(Kp=2) According to the figure Steady state...
Document 2: = 40.5 % = 1 1.009 = 0.009 100 Kp=1.75 Figure 11 : Graph of steady state error(Kp=1.75) Accordin...

Match 30/39 (72.37% similarity)

Document 1: It potentially showing longer settling time 3) i) Kp=1 Figure 8 : Graph of steady state error(Kp=1) ...
Document 2: = 37.4% 100% Kp=1.5, Figure 10 : Graph of steady state error(Kp=1.5) According to the Figure 10 Ov...

Similar Content Analysis (continued)

Match 31/39 (72.37% similarity)

Document 1: = 37.4% 100% Kp=1.5, Figure 10 : Graph of steady state error(Kp=1.5) According to the Figure 10 Ov...
Document 2: It potentially showing longer settling time 3) i) Kp=1 Figure 8 : Graph of steady state error(Kp=1) ...

Match 32/39 (69.09% similarity)

Document 1: [3] "Quanser," [Online].
Document 2: [2] "Science Direct," [Online].

Match 33/39 (65.45% similarity)

Document 1: [2] "Science Direct," [Online].
Document 2: [3] "Quanser," [Online].

Match 34/39 (62.86% similarity)

Document 1: It potentially showing longer settling time 3) i) Kp=1 Figure 8 : Graph of steady state error(Kp=1) ...
Document 2: =44.2% 100 Kp=2 Figure 12 : Graph of steady state error(Kp=2) According to the figure Steady state...

Match 35/39 (62.86% similarity)

Document 1: =44.2% 100 Kp=2 Figure 12 : Graph of steady state error(Kp=2) According to the figure Steady state...
Document 2: It potentially showing longer settling time 3) i) Kp=1 Figure 8 : Graph of steady state error(Kp=1) ...

Match 36/39 (61.85% similarity)

Document 1: It potentially showing longer settling time 3) i) Kp=1 Figure 8 : Graph of steady state error(Kp=1) ...
Document 2: = 40.5 % = 1 1.009 = 0.009 100 Kp=1.75 Figure 11 : Graph of steady state error(Kp=1.75) Accordin...

Match 37/39 (61.85% similarity)

Document 1: = 40.5 % = 1 1.009 = 0.009 100 Kp=1.75 Figure 11 : Graph of steady state error(Kp=1.75) Accordin...
Document 2: It potentially showing longer settling time 3) i) Kp=1 Figure 8 : Graph of steady state error(Kp=1) ...

Match 38/39 (61.49% similarity)

Document 1: It potentially showing longer settling time 3) i) Kp=1 Figure 8 : Graph of steady state error(Kp=1) ...
Document 2: = 1 0.938 = 0.062 100 100 = 33.5% Kp=1.25 Figure 9 : Graph of steady state error(Kp=1.25) Acco...

Match 39/39 (61.49% similarity)

Document 1: = 1 0.938 = 0.062 100 100 = 33.5% Kp=1.25 Figure 9 : Graph of steady state error(Kp=1.25) Acco...
Document 2: It potentially showing longer settling time 3) i) Kp=1 Figure 8 : Graph of steady state error(Kp=1) ...

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.