Universidad Autónoma de Coahuila

Facultad de Ingeniería Mecánica y Eléctrica

Unidad Torreón

Subject	Digital control	Group	9A
Degree	Electrical engineering	Due for	07/09/2016
Exam / Homework	Homework 2: Z-Transform	Registration #	***12127844***
Professor's name	Suresh Kumar Gadi	Marks Obtained	_____ / 10
Student's name	***JUAN MIGUEL BARRIENTOS GARCIA***		

Instructions

1. The student should submit the homework on or before the due date. (LATE SUBMISSION = 0 MARKS)
2. Answers should be hand written on the A4 or Letter size bond papers. (20% of the marks obtained will be reduced)
3. The student should print his/her corresponding question-paper and staple it along with his/her answer sheets. (20% of the marks obtained will be reduced)
4. In the calculations, the student should maintain at least a precision of 3 decimal places with a correct rounding. (20% of the marks obtained will be reduced)

Questions

1. Define Z-transform. (2pt)

2. Find the Z-transform of the function $u(k) = \{9, 7, 7, 5, 3, 6, 7, 4, 7, 9, 0, 0, 0\}$. (4 points)

3. Find the Z-transform of the unit step function. (4 points)

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Unidad Torreón

Subject	Digital control	Group	9A
Degree	Electrical engineering	Due for	07/09/2016
Exam / Homework	Homework 2: Z-Transform	Registration #	***12132791***
Professor's name	Suresh Kumar Gadi	Marks Obtained	_____ / 10
Student's name	***ISRAEL GONZALEZ***		

Instructions

1. The student should submit the homework on or before the due date. (LATE SUBMISSION = 0 MARKS)
2. Answers should be hand written on the A4 or Letter size bond papers. (20% of the marks obtained will be reduced)
3. The student should print his/her corresponding question-paper and staple it along with his/her answer sheets. (20% of the marks obtained will be reduced)
4. In the calculations, the student should maintain at least a precision of 3 decimal places with a correct rounding. (20% of the marks obtained will be reduced)

Questions

1. Define Z-transform. (2pt)

2. Find the Z-transform of the function $u(k) = \{2, 3, 3, 9, 6, 4, 9, 2, 4, 2, 0, 0, 0\}$. (4 points)

3. Find the Z-transform of the unit step function. (4 points)

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Unidad Torreón

Subject	Digital control	Group	9A
Degree	Electrical engineering	Due for	07/09/2016
Exam / Homework	Homework 2: Z-Transform	Registration #	***10062268***
Professor's name	Suresh Kumar Gadi	Marks Obtained	_____ / 10
Student's name	***JULIO ALEJANDRO MARIN GARCIA***		

Instructions

1. The student should submit the homework on or before the due date. (LATE SUBMISSION = 0 MARKS)
2. Answers should be hand written on the A4 or Letter size bond papers. (20% of the marks obtained will be reduced)
3. The student should print his/her corresponding question-paper and staple it along with his/her answer sheets. (20% of the marks obtained will be reduced)
4. In the calculations, the student should maintain at least a precision of 3 decimal places with a correct rounding. (20% of the marks obtained will be reduced)

Questions

1. Define Z-transform. (2pt)

2. Find the Z-transform of the function $u(k) = \{7, 5, 2, 6, 6, 6, 7, 4, 5, 9, 0, 0, 0\}$. (4 points)

3. Find the Z-transform of the unit step function. (4 points)

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Unidad Torreón

Subject	Digital control	Group	9A
Degree	Electrical engineering	Due for	07/09/2016
Exam / Homework	Homework 2: Z-Transform	Registration #	***98017052***
Professor's name	Suresh Kumar Gadi	Marks Obtained	_____ / 10
Student's name	***LUIZ EDUARDO***		

Instructions

1. The student should submit the homework on or before the due date. (LATE SUBMISSION = 0 MARKS)
2. Answers should be hand written on the A4 or Letter size bond papers. (20% of the marks obtained will be reduced)
3. The student should print his/her corresponding question-paper and staple it along with his/her answer sheets. (20% of the marks obtained will be reduced)
4. In the calculations, the student should maintain at least a precision of 3 decimal places with a correct rounding. (20% of the marks obtained will be reduced)

Questions

1. Define Z-transform. (2pt)

2. Find the Z-transform of the function $u(k) = \{9, 8, 6, 8, 4, 6, 9, 5, 5, 5, 0, 0, 0\}$. (4 points)

3. Find the Z-transform of the unit step function. (4 points)

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Unidad Torreón

Subject	Digital control	Group	9A
Degree	Electrical engineering	Due for	07/09/2016
Exam / Homework	Homework 2: Z-Transform	Registration #	***12125213***
Professor's name	Suresh Kumar Gadi	Marks Obtained	_____ / 10
Student's name	***EMMANUEL ALEJANDRO***		

Instructions

1. The student should submit the homework on or before the due date. (LATE SUBMISSION = 0 MARKS)
2. Answers should be hand written on the A4 or Letter size bond papers. (20% of the marks obtained will be reduced)
3. The student should print his/her corresponding question-paper and staple it along with his/her answer sheets. (20% of the marks obtained will be reduced)
4. In the calculations, the student should maintain at least a precision of 3 decimal places with a correct rounding. (20% of the marks obtained will be reduced)

Questions

1. Define Z-transform. (2pt)

2. Find the Z-transform of the function $u(k) = \{5, 9, 6, 2, 3, 9, 4, 8, 7, 4, 0, 0, 0\}$. (4 points)

3. Find the Z-transform of the unit step function. (4 points)

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Unidad Torreón

Subject	Digital control	Group	9A
Degree	Electrical engineering	Due for	07/09/2016
Exam / Homework	Homework 2: Z-Transform	Registration #	***12146394***
Professor's name	Suresh Kumar Gadi	Marks Obtained	_____ / 10
Student's name	***JOSELY ROSALES***		

Instructions

1. The student should submit the homework on or before the due date. (LATE SUBMISSION = 0 MARKS)
2. Answers should be hand written on the A4 or Letter size bond papers. (20% of the marks obtained will be reduced)
3. The student should print his/her corresponding question-paper and staple it along with his/her answer sheets. (20% of the marks obtained will be reduced)
4. In the calculations, the student should maintain at least a precision of 3 decimal places with a correct rounding. (20% of the marks obtained will be reduced)

Questions

1. Define Z-transform. (2pt)

2. Find the Z-transform of the function $u(k) = \{4, 6, 6, 9, 7, 2, 9, 2, 3, 9, 0, 0, 0\}$. (4 points)

3. Find the Z-transform of the unit step function. (4 points)

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Unidad Torreón

Subject	Digital control	Group	9A
Degree	Electrical engineering	Due for	07/09/2016
Exam / Homework	Homework 2: Z-Transform	Registration #	***12146385***
Professor's name	Suresh Kumar Gadi	Marks Obtained	_____ / 10
Student's name	***RODRIGUEZ PEREZ RODOLFO***		

Instructions

1. The student should submit the homework on or before the due date. (LATE SUBMISSION = 0 MARKS)
2. Answers should be hand written on the A4 or Letter size bond papers. (20% of the marks obtained will be reduced)
3. The student should print his/her corresponding question-paper and staple it along with his/her answer sheets. (20% of the marks obtained will be reduced)
4. In the calculations, the student should maintain at least a precision of 3 decimal places with a correct rounding. (20% of the marks obtained will be reduced)

Questions

1. Define Z-transform. (2pt)

2. Find the Z-transform of the function $u(k) = \{7, 5, 7, 9, 7, 7, 5, 6, 6, 5, 0, 0, 0\}$. (4 points)

3. Find the Z-transform of the unit step function. (4 points)

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Unidad Torreón

Subject	Digital control	Group	9A
Degree	Electrical engineering	Due for	07/09/2016
Exam / Homework	Homework 2: Z-Transform	Registration #	***10056986***
Professor's name	Suresh Kumar Gadi	Marks Obtained	_____ / 10
Student's name	***ARTURO CORDERO ROBLES***		

Instructions

1. The student should submit the homework on or before the due date. (LATE SUBMISSION = 0 MARKS)
2. Answers should be hand written on the A4 or Letter size bond papers. (20% of the marks obtained will be reduced)
3. The student should print his/her corresponding question-paper and staple it along with his/her answer sheets. (20% of the marks obtained will be reduced)
4. In the calculations, the student should maintain at least a precision of 3 decimal places with a correct rounding. (20% of the marks obtained will be reduced)

Questions

1. Define Z-transform. (2pt)

2. Find the Z-transform of the function $u(k) = \{9, 8, 7, 5, 5, 6, 4, 8, 9, 8, 0, 0, 0\}$. (4 points)

3. Find the Z-transform of the unit step function. (4 points)

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Unidad Torreón

Subject	Digital control	Group	9A
Degree	Electrical engineering	Due for	07/09/2016
Exam / Homework	Homework 2: Z-Transform	Registration #	***12157333***
Professor's name	Suresh Kumar Gadi	Marks Obtained	_____ / 10
Student's name	***EDGAR RICARDO CHAIREZ VILLARRIAL***		

Instructions

1. The student should submit the homework on or before the due date. (LATE SUBMISSION = 0 MARKS)
2. Answers should be hand written on the A4 or Letter size bond papers. (20% of the marks obtained will be reduced)
3. The student should print his/her corresponding question-paper and staple it along with his/her answer sheets. (20% of the marks obtained will be reduced)
4. In the calculations, the student should maintain at least a precision of 3 decimal places with a correct rounding. (20% of the marks obtained will be reduced)

Questions

1. Define Z-transform. (2pt)

2. Find the Z-transform of the function $u(k) = \{5, 7, 9, 6, 6, 4, 7, 8, 7, 8, 0, 0, 0\}$. (4 points)

3. Find the Z-transform of the unit step function. (4 points)

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Unidad Torreón

Subject	Digital control	Group	9A
Degree	Electrical engineering	Due for	07/09/2016
Exam / Homework	Homework 2: Z-Transform	Registration #	***12142724***
Professor's name	Suresh Kumar Gadi	Marks Obtained	_____ / 10
Student's name	***ALLISON DANIELA MACIAS HERNANDEZ***		

Instructions

1. The student should submit the homework on or before the due date. (LATE SUBMISSION = 0 MARKS)
2. Answers should be hand written on the A4 or Letter size bond papers. (20% of the marks obtained will be reduced)
3. The student should print his/her corresponding question-paper and staple it along with his/her answer sheets. (20% of the marks obtained will be reduced)
4. In the calculations, the student should maintain at least a precision of 3 decimal places with a correct rounding. (20% of the marks obtained will be reduced)

Questions

1. Define Z-transform. (2pt)

2. Find the Z-transform of the function $u(k) = \{6, 6, 8, 3, 2, 7, 3, 9, 8, 8, 0, 0, 0\}$. (4 points)

3. Find the Z-transform of the unit step function. (4 points)

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Unidad Torreón

Subject	Digital control	Group	9A
Degree	Electrical engineering	Due for	07/09/2016
Exam / Homework	Homework 2: Z-Transform	Registration #	***10068360***
Professor's name	Suresh Kumar Gadi	Marks Obtained	_____ / 10
Student's name	***KIM EDUARDO SANCHEZ REYES***		

Instructions

1. The student should submit the homework on or before the due date. (LATE SUBMISSION = 0 MARKS)
2. Answers should be hand written on the A4 or Letter size bond papers. (20% of the marks obtained will be reduced)
3. The student should print his/her corresponding question-paper and staple it along with his/her answer sheets. (20% of the marks obtained will be reduced)
4. In the calculations, the student should maintain at least a precision of 3 decimal places with a correct rounding. (20% of the marks obtained will be reduced)

Questions

1. Define Z-transform. (2pt)

2. Find the Z-transform of the function $u(k) = \{4, 4, 3, 5, 5, 5, 7, 9, 5, 9, 0, 0, 0\}$. (4 points)

3. Find the Z-transform of the unit step function. (4 points)

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Unidad Torreón

Subject	Digital control	Group	9A
Degree	Electrical engineering	Due for	07/09/2016
Exam / Homework	Homework 2: Z-Transform	Registration #	***11288180***
Professor's name	Suresh Kumar Gadi	Marks Obtained	_____ / 10
Student's name	***JORGE ANTONIO MOLINA RAMIREZ***		

Instructions

1. The student should submit the homework on or before the due date. (LATE SUBMISSION = 0 MARKS)
2. Answers should be hand written on the A4 or Letter size bond papers. (20% of the marks obtained will be reduced)
3. The student should print his/her corresponding question-paper and staple it along with his/her answer sheets. (20% of the marks obtained will be reduced)
4. In the calculations, the student should maintain at least a precision of 3 decimal places with a correct rounding. (20% of the marks obtained will be reduced)

Questions

1. Define Z-transform. (2pt)

2. Find the Z-transform of the function $u(k) = \{7, 5, 6, 2, 4, 7, 5, 8, 2, 3, 0, 0, 0\}$. (4 points)

3. Find the Z-transform of the unit step function. (4 points)

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Unidad Torreón

Subject	Digital control	Group	9A
Degree	Electrical engineering	Due for	07/09/2016
Exam / Homework	Homework 2: Z-Transform	Registration #	***10053330***
Professor's name	Suresh Kumar Gadi	Marks Obtained	_____ / 10
Student's name	***JOSE FERNANDO AGUILAR COLORADO***		

Instructions

1. The student should submit the homework on or before the due date. (LATE SUBMISSION = 0 MARKS)
2. Answers should be hand written on the A4 or Letter size bond papers. (20% of the marks obtained will be reduced)
3. The student should print his/her corresponding question-paper and staple it along with his/her answer sheets. (20% of the marks obtained will be reduced)
4. In the calculations, the student should maintain at least a precision of 3 decimal places with a correct rounding. (20% of the marks obtained will be reduced)

Questions

1. Define Z-transform. (2pt)

2. Find the Z-transform of the function $u(k) = \{9, 7, 6, 5, 3, 6, 5, 9, 4, 5, 0, 0, 0\}$. (4 points)

3. Find the Z-transform of the unit step function. (4 points)

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Facultad de Ingeniería Mecánica y Eléctrica

Unidad Torreón

Subject	Digital control	Group	9A
Degree	Electrical engineering	Due for	07/09/2016
Exam / Homework	Homework 2: Z-Transform	Registration #	***10073388***
Professor's name	Suresh Kumar Gadi	Marks Obtained	_____ / 10
Student's name	***AXEL JAVIER RODRIGUEZ MARIN***		

Instructions

1. The student should submit the homework on or before the due date. (LATE SUBMISSION = 0 MARKS)
2. Answers should be hand written on the A4 or Letter size bond papers. (20% of the marks obtained will be reduced)
3. The student should print his/her corresponding question-paper and staple it along with his/her answer sheets. (20% of the marks obtained will be reduced)
4. In the calculations, the student should maintain at least a precision of 3 decimal places with a correct rounding. (20% of the marks obtained will be reduced)

Questions

1. Define Z-transform. (2pt)

2. Find the Z-transform of the function $u(k) = \{6, 2, 9, 4, 4, 8, 9, 9, 7, 9, 0, 0, 0\}$. (4 points)

3. Find the Z-transform of the unit step function. (4 points)

Universidad Autónoma de Coahuila

Facultad de Ingeniería Mecánica y Eléctrica

Unidad Torreón

Subject	Digital control	Group	9A
Degree	Electrical engineering	Due for	07/09/2016
Exam / Homework	Homework 2: Z-Transform	Registration #	***6052185***
Professor's name	Suresh Kumar Gadi	Marks Obtained	_____ / 10
Student's name	***ROGELIO CASTILLO REYES***		

Instructions

1. The student should submit the homework on or before the due date. (LATE SUBMISSION = 0 MARKS)
2. Answers should be hand written on the A4 or Letter size bond papers. (20% of the marks obtained will be reduced)
3. The student should print his/her corresponding question-paper and staple it along with his/her answer sheets. (20% of the marks obtained will be reduced)
4. In the calculations, the student should maintain at least a precision of 3 decimal places with a correct rounding. (20% of the marks obtained will be reduced)

Questions

1. Define Z-transform. (2pt)

2. Find the Z-transform of the function $u(k) = \{3, 9, 9, 8, 2, 9, 9, 8, 7, 8, 0, 0, 0\}$. (4 points)

3. Find the Z-transform of the unit step function. (4 points)