Universidad Autónoma de Coahuila

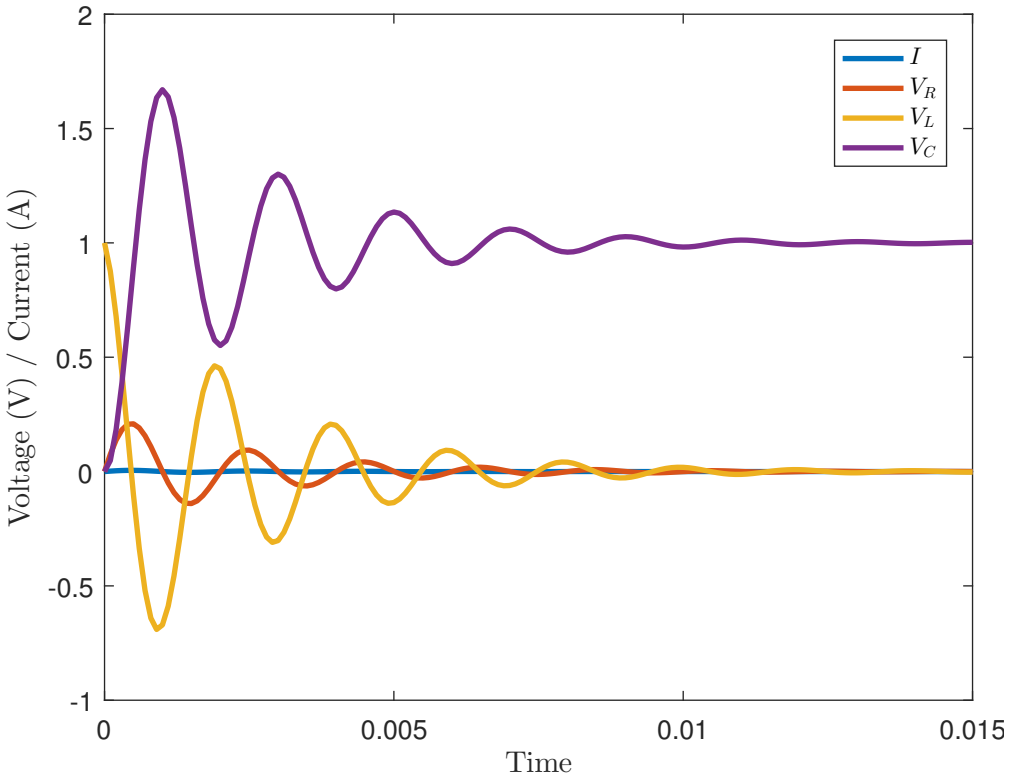
Facultad de Ingeniería Mecánica y Eléctrica

Unidad Torreón

Subject	Circuit analysis II	Group	5A
Degree	Electrical engineering	Due for	4/10/2016
Exam / Homework	Homework 3: Nodal and Mesh analysis	Registration #	***14137625***
Professor's name	Dr. Suresh Kumar Gadi	Marks Obtained	_____ /10
Student's name	***JESUS EMMANUEL MORALES MENUIOLA***		

Answers

1. The following figure shows the results.



2. The resonant frequency is $f_R = 503.2921\,\text{Hz}$.

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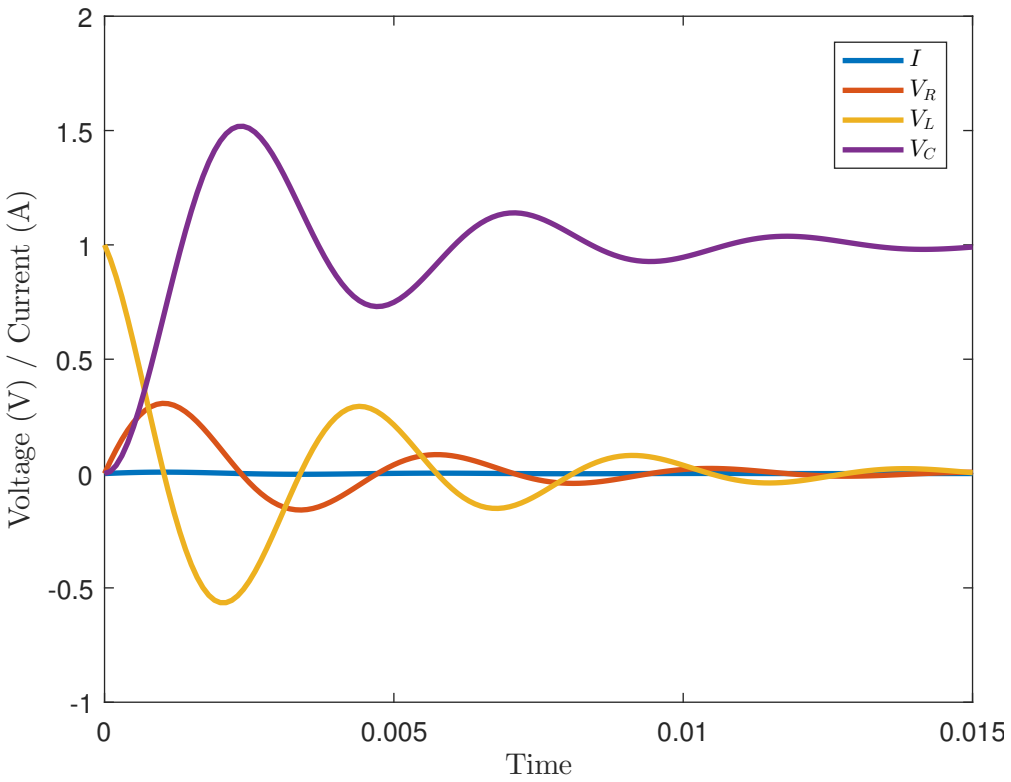
Facultad de Ingeniería Mecánica y Eléctrica

Unidad Torreón

Subject	Circuit analysis II	Group	5A
Degree	Electrical engineering	Due for	4/10/2016
Exam / Homework	Homework 3: Nodal and Mesh analysis	Registration #	***14121732***
Professor's name	Dr. Suresh Kumar Gadi	Marks Obtained	_____ / 10
Student's name	***JOEL GERARDO AGUERO LLANAS***		

Answers

1. The following figure shows the results.



2. The resonant frequency is $f_R = 216.5824\,\text{Hz}$.

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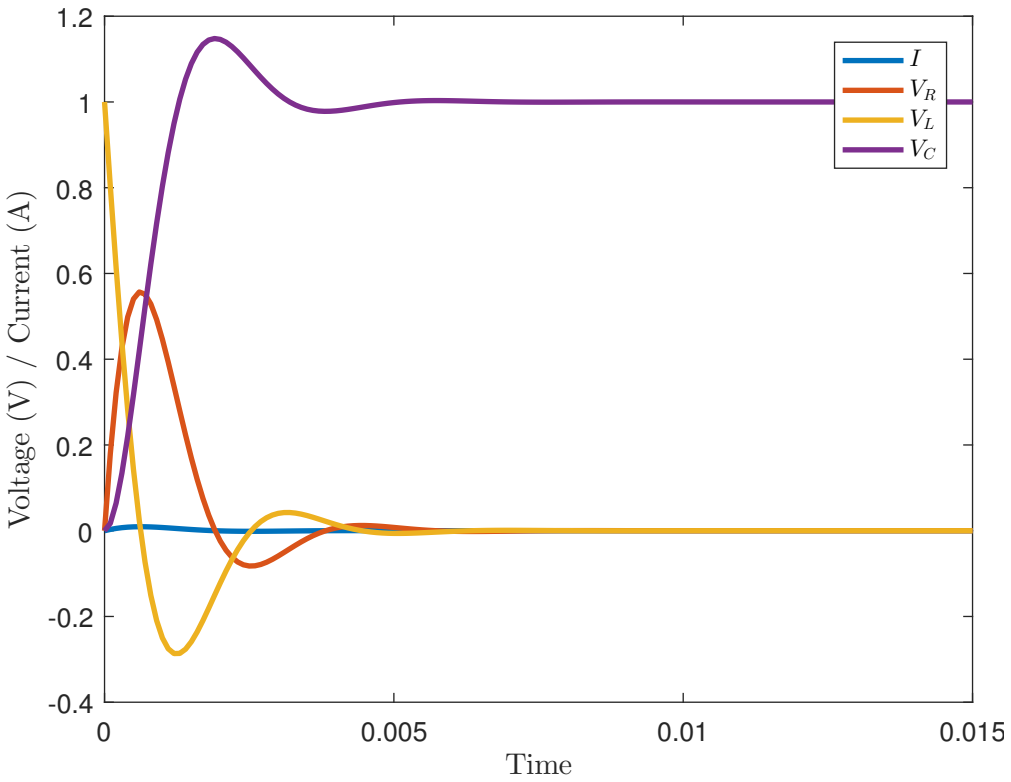
Facultad de Ingeniería Mecánica y Eléctrica

Unidad Torreón

Subject	Circuit analysis II	Group	5A
Degree	Electrical engineering	Due for	4/10/2016
Exam / Homework	Homework 3: Nodal and Mesh analysis	Registration #	***14124427***
Professor's name	Dr. Suresh Kumar Gadi	Marks Obtained	_____ / 10
Student's name	***JERSON CHAVEZ ORTIZ***		

Answers

1. The following figure shows the results.



2. The resonant frequency is $f_R = 306.2938\,\text{Hz}$.

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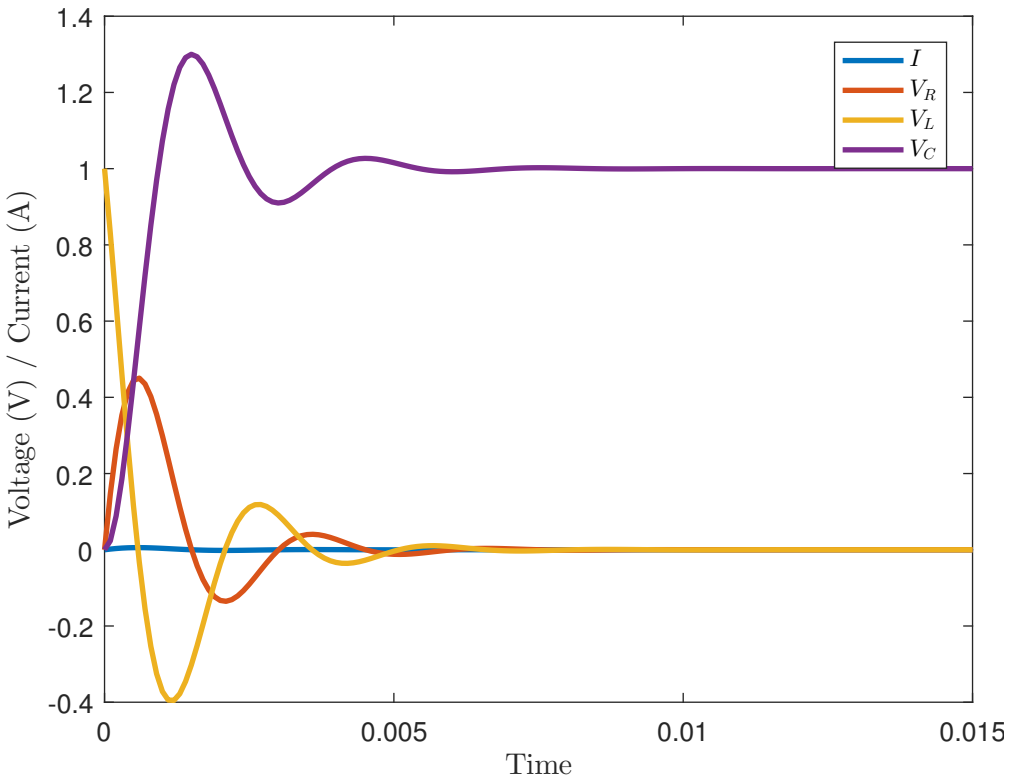
Facultad de Ingeniería Mecánica y Eléctrica

Unidad Torreón

Subject	Circuit analysis II	Group	5A
Degree	Electrical engineering	Due for	4/10/2016
Exam / Homework	Homework 3: Nodal and Mesh analysis	Registration #	***14156040***
Professor's name	Dr. Suresh Kumar Gadi	Marks Obtained	_____ / 10
Student's name	***LUIS ANTNONIO FERNENDEZ CARRASCO***		

Answers

1. The following figure shows the results.



2. The resonant frequency is $f_R = 355.8813\,\text{Hz}$.

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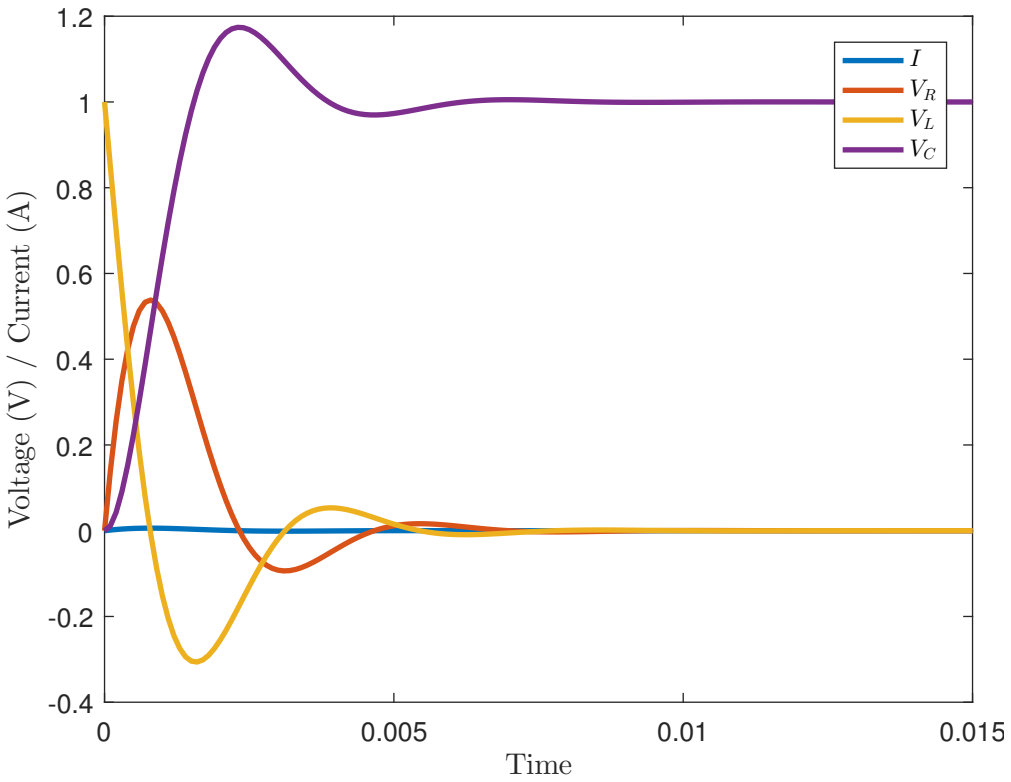
Facultad de Ingeniería Mecánica y Eléctrica

Unidad Torreón

Subject	Circuit analysis II	Group	5A
Degree	Electrical engineering	Due for	4/10/2016
Exam / Homework	Homework 3: Nodal and Mesh analysis	Registration #	***14156037***
Professor's name	Dr. Suresh Kumar Gadi	Marks Obtained	_____ / 10
Student's name	***MICHAEL MURILLO MENDEZ***		

Answers

1. The following figure shows the results.



2. The resonant frequency is $f_R = 245.5814\,\text{Hz}$.

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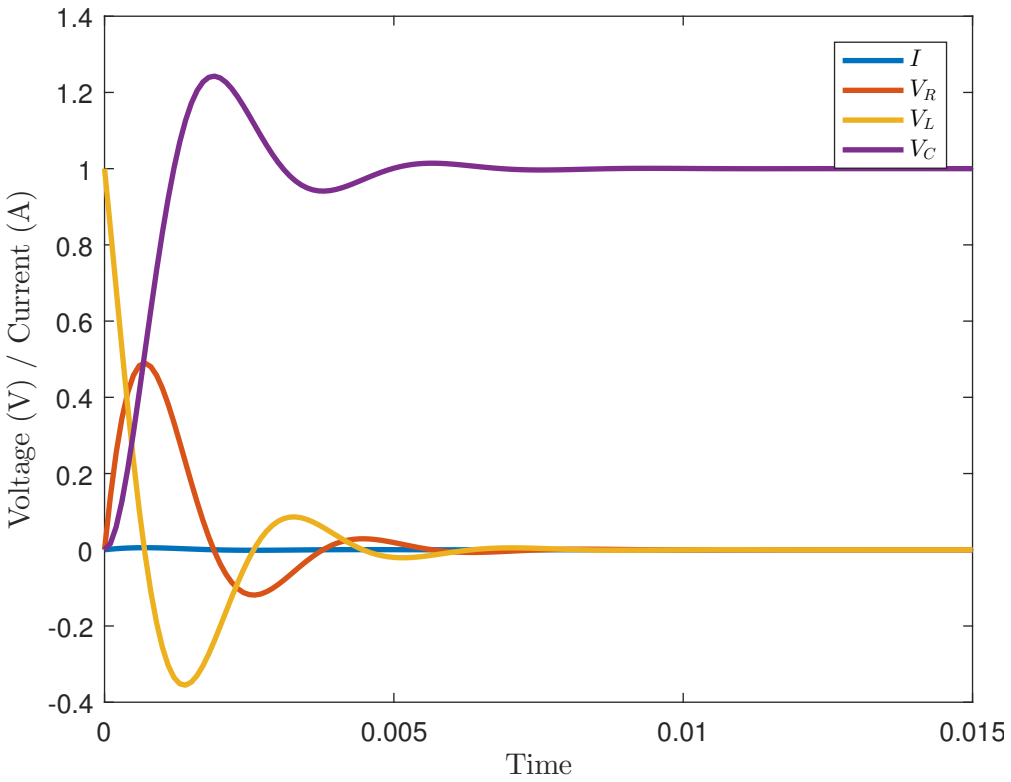
Facultad de Ingeniería Mecánica y Eléctrica

Unidad Torreón

Subject	Circuit analysis II	Group	5A
Degree	Electrical engineering	Due for	4/10/2016
Exam / Homework	Homework 3: Nodal and Mesh analysis	Registration #	***11073892***
Professor's name	Dr. Suresh Kumar Gadi	Marks Obtained	_____ / 10
Student's name	***JOSUE AMADOR SIFUENTES***		

Answers

1. The following figure shows the results.



2. The resonant frequency is $f_R = 290.5758\,\text{Hz}$.

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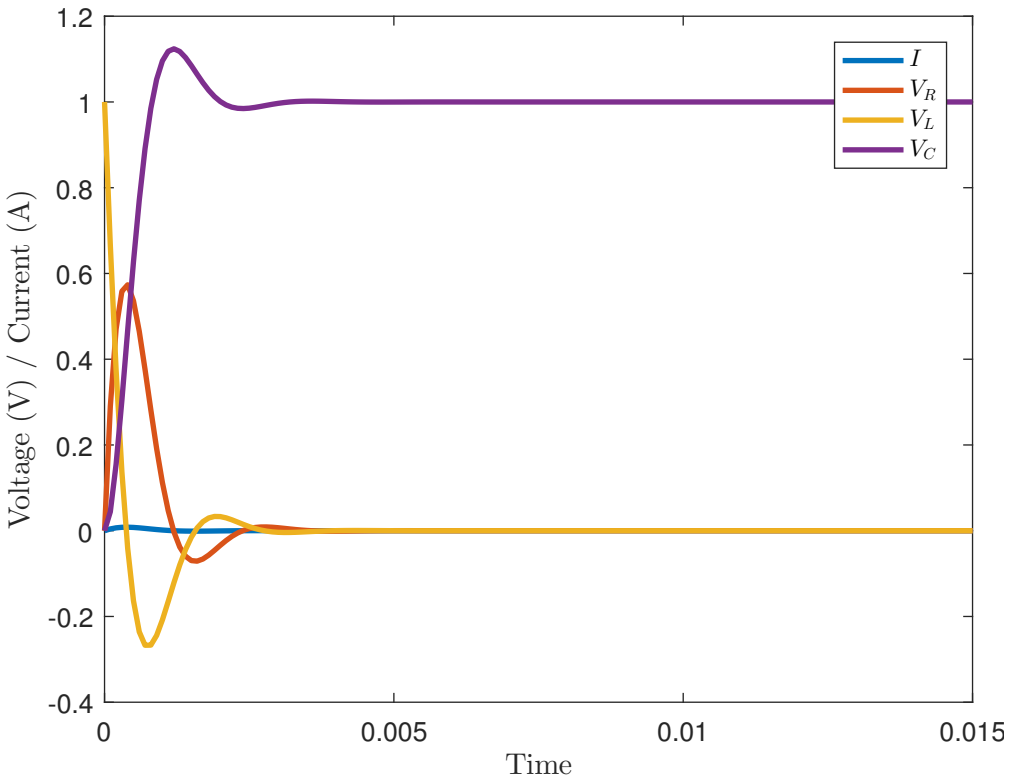
Facultad de Ingeniería Mecánica y Eléctrica

Unidad Torreón

Subject	Circuit analysis II	Group	5A
Degree	Electrical engineering	Due for	4/10/2016
Exam / Homework	Homework 3: Nodal and Mesh analysis	Registration #	***11268436***
Professor's name	Dr. Suresh Kumar Gadi	Marks Obtained	_____ / 10
Student's name	***EDUARDO ZALDIVAR MARTINEZ***		

Answers

1. The following figure shows the results.



2. The resonant frequency is $f_R = 503.2921\,\text{Hz}$.

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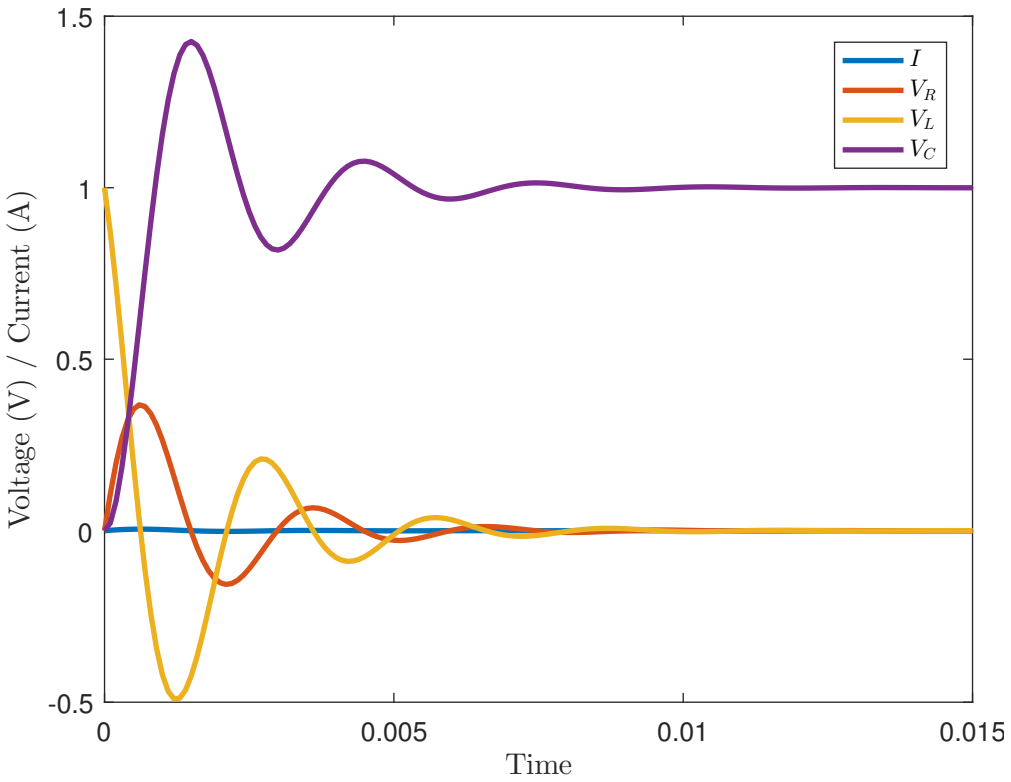
Facultad de Ingeniería Mecánica y Eléctrica

Unidad Torreón

Subject	Circuit analysis II	Group	5A
Degree	Electrical engineering	Due for	4/10/2016
Exam / Homework	Homework 3: Nodal and Mesh analysis	Registration #	***14140390***
Professor's name	Dr. Suresh Kumar Gadi	Marks Obtained	_____ / 10
Student's name	***LUIS DAVID MARENTES REYES***		

Answers

1. The following figure shows the results.



2. The resonant frequency is $f_R = 347.3046\,\text{Hz}$.

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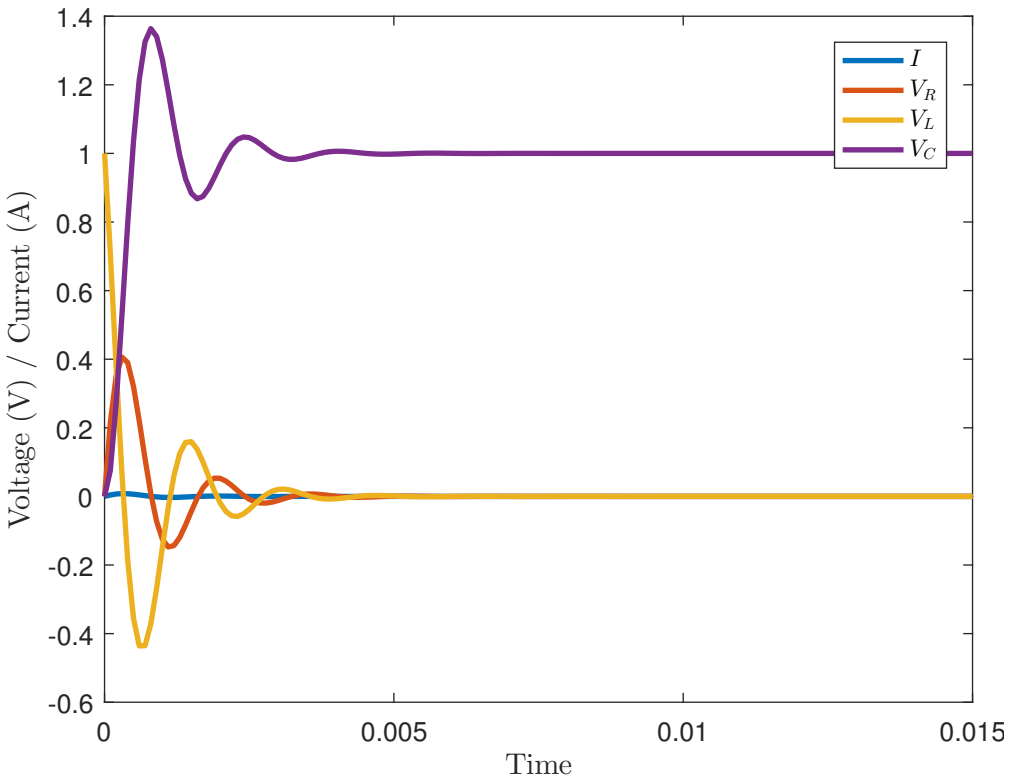
Facultad de Ingeniería Mecánica y Eléctrica

Unidad Torreón

Subject	Circuit analysis II	Group	5A
Degree	Electrical engineering	Due for	4/10/2016
Exam / Homework	Homework 3: Nodal and Mesh analysis	Registration #	***12068799***
Professor's name	Dr. Suresh Kumar Gadi	Marks Obtained	_____ / 10
Student's name	***JESUS ANTONIO ROBLESREYES***		

Answers

1. The following figure shows the results.



2. The resonant frequency is $f_R = 649.7473\,\text{Hz}$.

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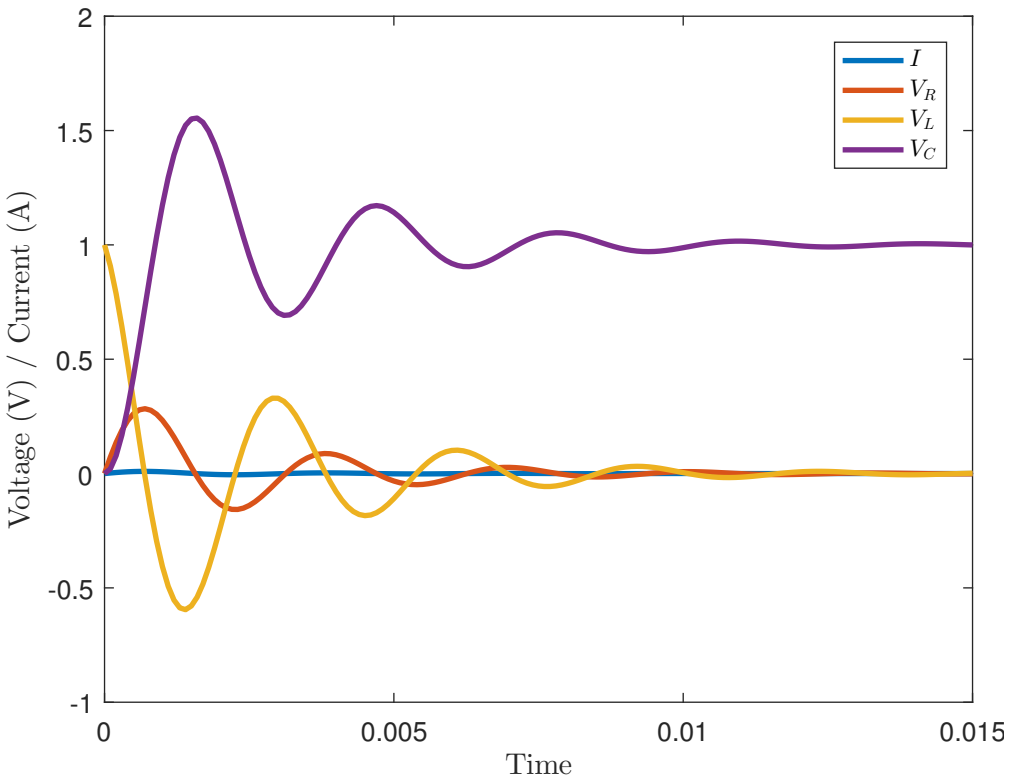
Facultad de Ingeniería Mecánica y Eléctrica

Unidad Torreón

Subject	Circuit analysis II	Group	5A
Degree	Electrical engineering	Due for	4/10/2016
Exam / Homework	Homework 3: Nodal and Mesh analysis	Registration #	***14150725***
Professor's name	Dr. Suresh Kumar Gadi	Marks Obtained	_____ /10
Student's name	***LILIANA VERA GLZ***		

Answers

1. The following figure shows the results.



2. The resonant frequency is $f_R = 324.8737\,\text{Hz}$.

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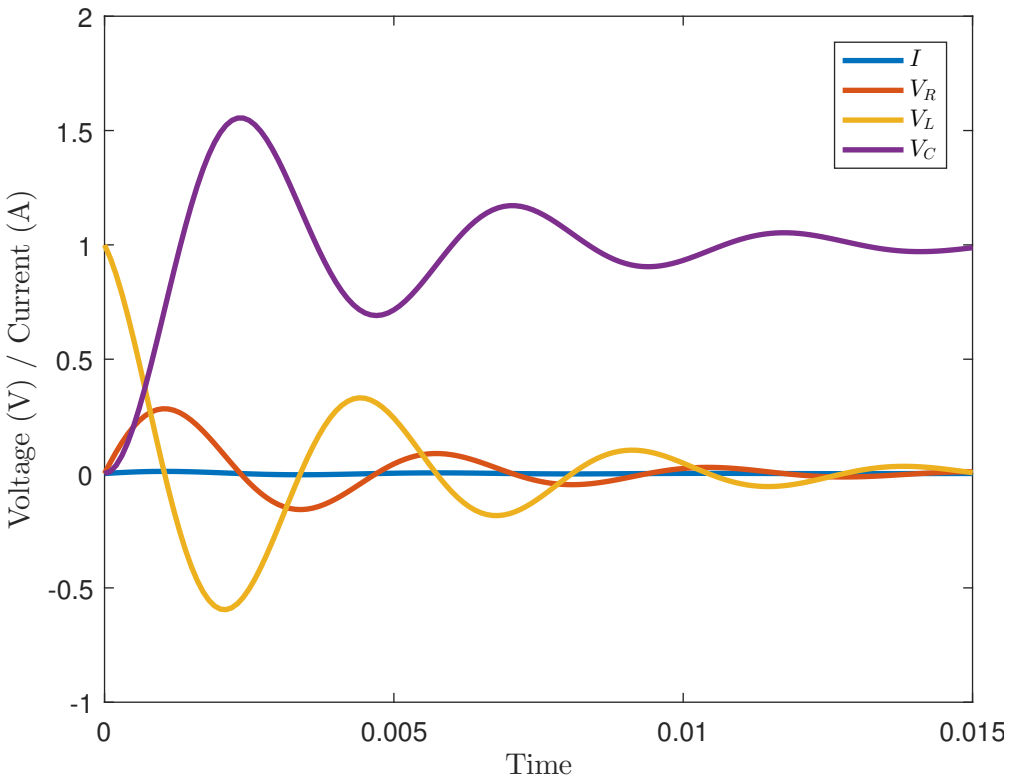
Facultad de Ingeniería Mecánica y Eléctrica

Unidad Torreón

Subject	Circuit analysis II	Group	5A
Degree	Electrical engineering	Due for	4/10/2016
Exam / Homework	Homework 3: Nodal and Mesh analysis	Registration #	***14125016***
Professor's name	Dr. Suresh Kumar Gadi	Marks Obtained	_____ /10
Student's name	***DAVID OTHONIEL SALDIVAR PEREZ***		

Answers

1. The following figure shows the results.



2. The resonant frequency is $f_R = 216.5824\,\text{Hz}$.

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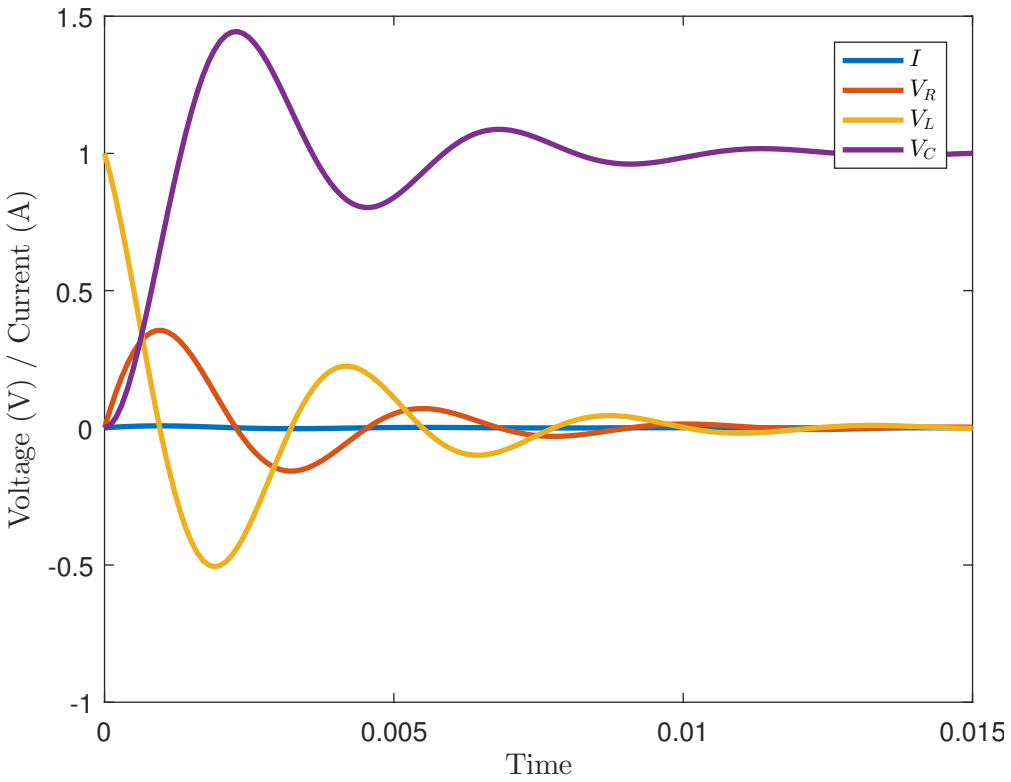
Facultad de Ingeniería Mecánica y Eléctrica

Unidad Torreón

Subject	Circuit analysis II	Group	5A
Degree	Electrical engineering	Due for	4/10/2016
Exam / Homework	Homework 3: Nodal and Mesh analysis	Registration #	***1205596***
Professor's name	Dr. Suresh Kumar Gadi	Marks Obtained	_____ / 10
Student's name	***ALBERTO VAZQUEZ MEDINA***		

Answers

1. The following figure shows the results.



2. The resonant frequency is $f_R = 227.3642\,\text{Hz}$.

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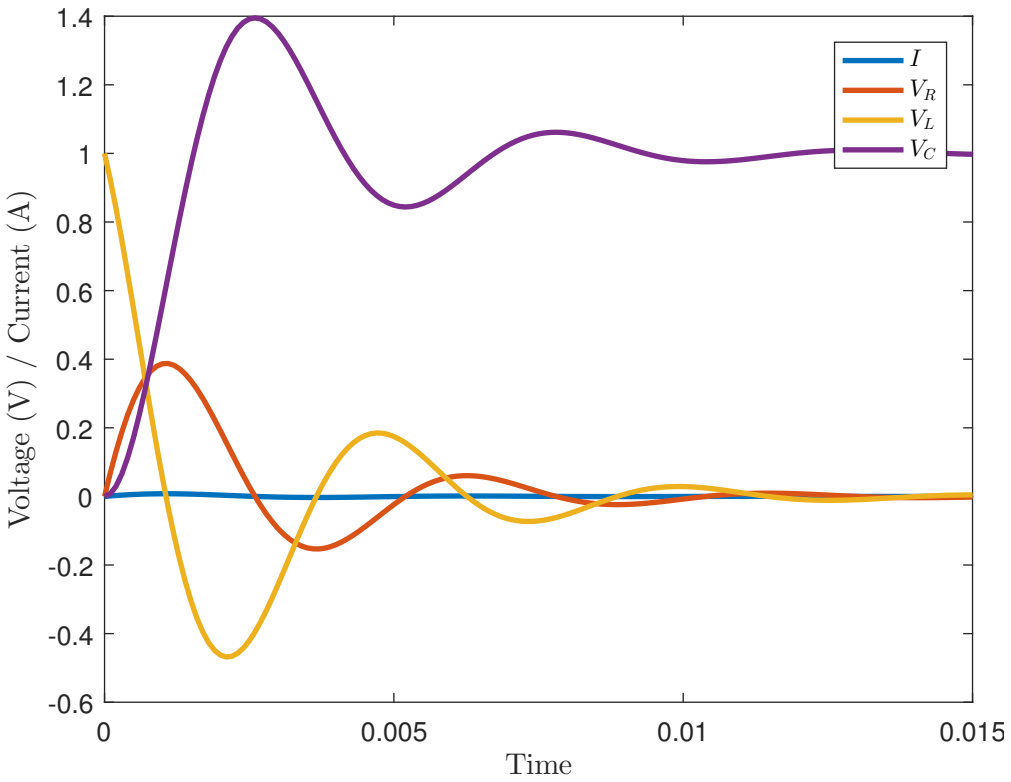
Facultad de Ingeniería Mecánica y Eléctrica

Unidad Torreón

Subject	Circuit analysis II	Group	5A
Degree	Electrical engineering	Due for	4/10/2016
Exam / Homework	Homework 3: Nodal and Mesh analysis	Registration #	***12666518***
Professor's name	Dr. Suresh Kumar Gadi	Marks Obtained	_____ / 10
Student's name	***SAMUEL ROSAS GONZALEZ***		

Answers

1. The following figure shows the results.



2. The resonant frequency is $f_R = 200.5164\,\text{Hz}$.

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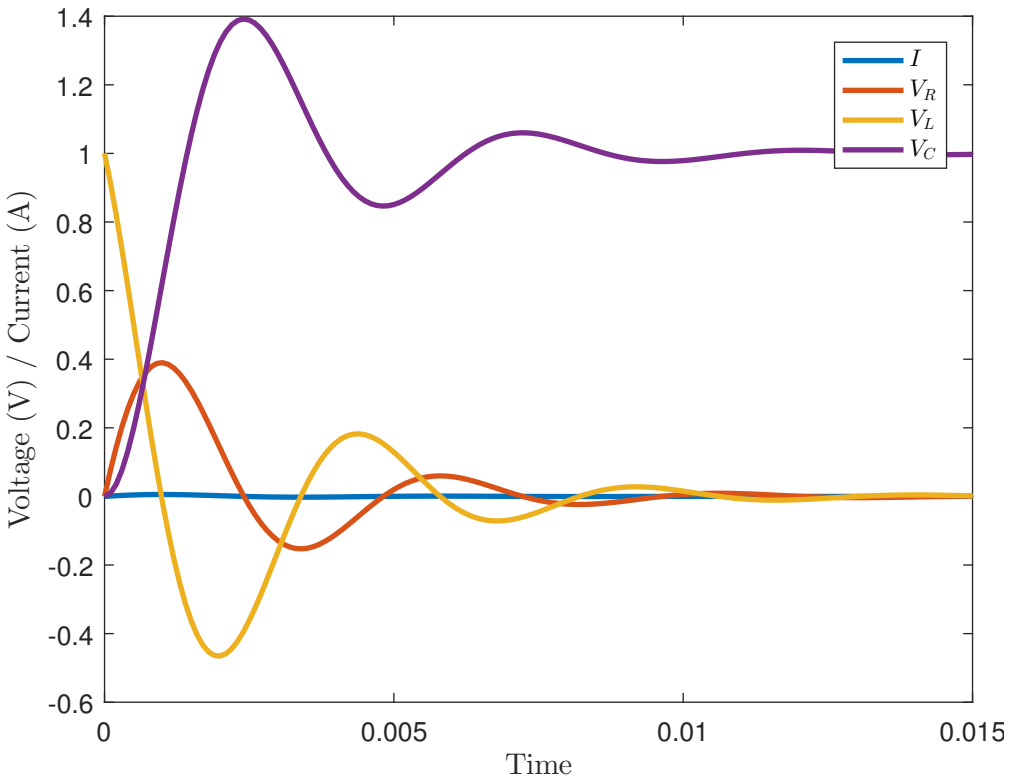
Facultad de Ingeniería Mecánica y Eléctrica

Unidad Torreón

Subject	Circuit analysis II	Group	5A
Degree	Electrical engineering	Due for	4/10/2016
Exam / Homework	Homework 3: Nodal and Mesh analysis	Registration #	***12064655***
Professor's name	Dr. Suresh Kumar Gadi	Marks Obtained	_____ / 10
Student's name	***EDSON ORLANDONAVARRO RAMIREZ***		

Answers

1. The following figure shows the results.



2. The resonant frequency is $f_R = 216.5824\,\text{Hz}$.

Universidad Autónoma de Coahuila

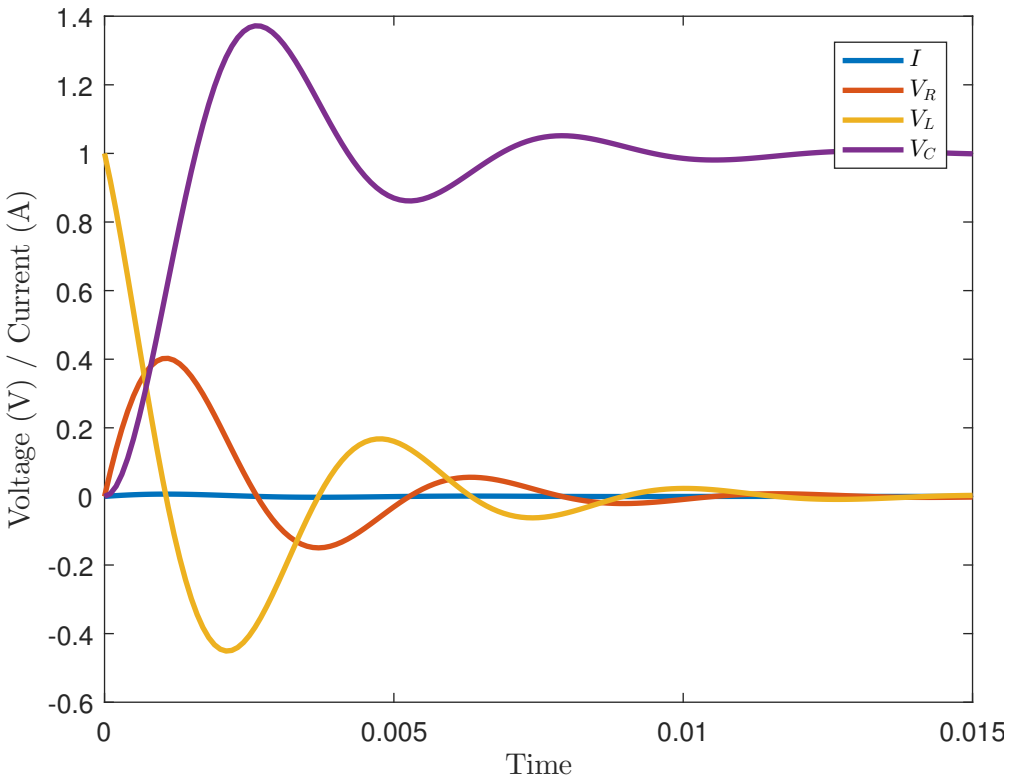
Facultad de Ingeniería Mecánica y Eléctrica

Unidad Torreón

Subject	Circuit analysis II	Group	5A
Degree	Electrical engineering	Due for	4/10/2016
Exam / Homework	Homework 3: Nodal and Mesh analysis	Registration #	***11126870***
Professor's name	Dr. Suresh Kumar Gadi	Marks Obtained	_____ / 10
Student's name	***JUAN GAEL GONZALEZ RODRIGUEZ***		

Answers

1. The following figure shows the results.



2. The resonant frequency is $f_R = 198.9437\,\text{Hz}$.

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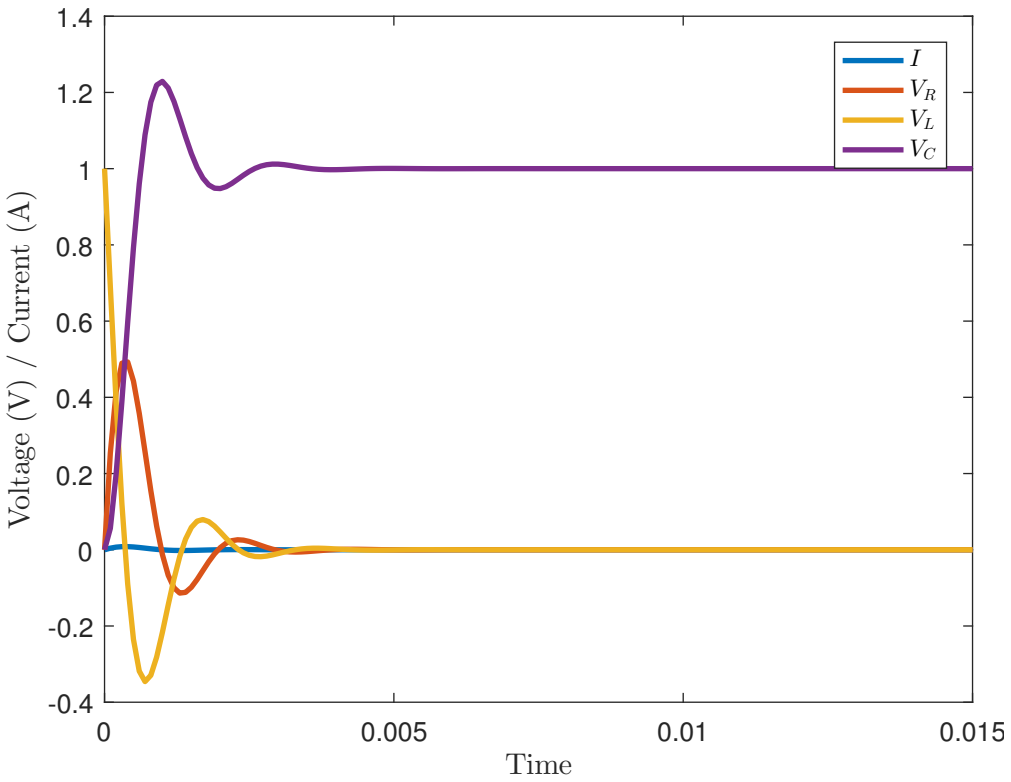
Facultad de Ingeniería Mecánica y Eléctrica

Unidad Torreón

Subject	Circuit analysis II	Group	5A
Degree	Electrical engineering	Due for	4/10/2016
Exam / Homework	Homework 3: Nodal and Mesh analysis	Registration #	***14155580***
Professor's name	Dr. Suresh Kumar Gadi	Marks Obtained	_____ / 10
Student's name	***LUIS ALEJANDRO URBINA GONZALEZ***		

Answers

1. The following figure shows the results.



2. The resonant frequency is $f_R = 562.6977\,\text{Hz}$.

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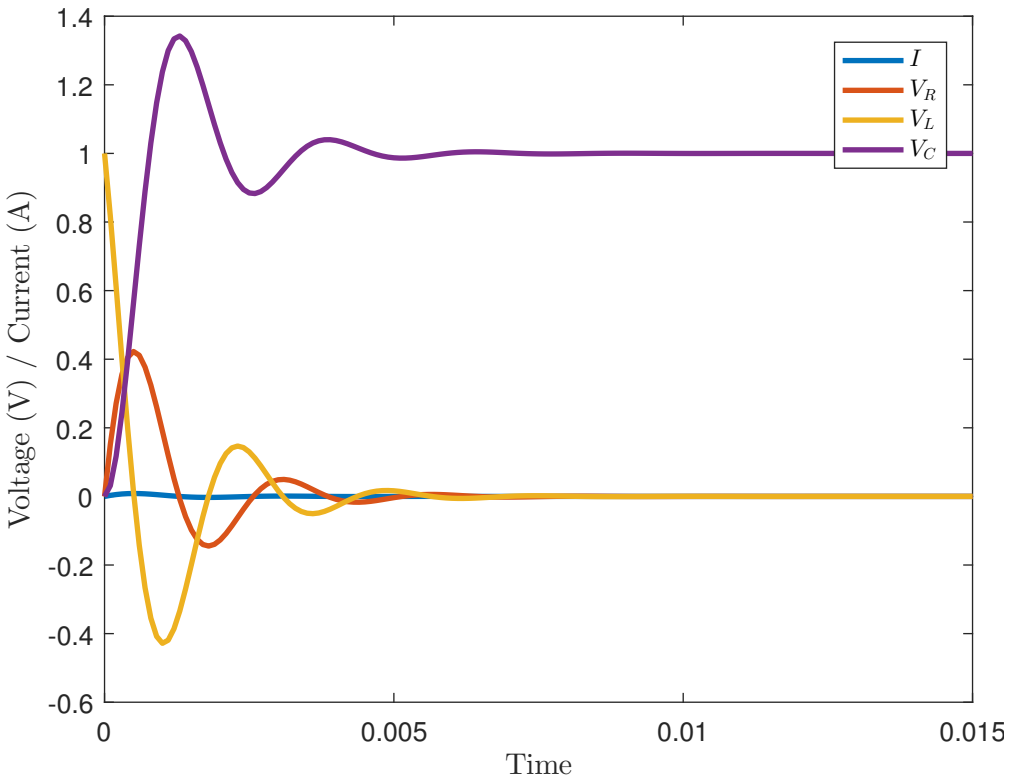
Facultad de Ingeniería Mecánica y Eléctrica

Unidad Torreón

Subject	Circuit analysis II	Group	5A
Degree	Electrical engineering	Due for	4/10/2016
Exam / Homework	Homework 3: Nodal and Mesh analysis	Registration #	***14629184***
Professor's name	Dr. Suresh Kumar Gadi	Marks Obtained	_____ / 10
Student's name	***JOSE WALDO QUINTANA ARANDA***		

Answers

1. The following figure shows the results.



2. The resonant frequency is $f_R = 410.9363\,\text{Hz}$.