# Overview of Simulation Examples

## Lectures

### L2 – (Modified) Nodal Analysis

Deadline: Fri 12/10/2018

N:\Teaching\RWTH courses\Modeling and Simulation\06_MSP_WS20182019\04_examples\L2_circuit.emf

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### L3 – Resistive Companion

Deadline: 15/10/2018

N:\Teaching\RWTH courses\Modeling and Simulation\06_MSP_WS20182019\04_examples\L3_circuit.emf

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### L4 – Nonlinear Resistive Companion

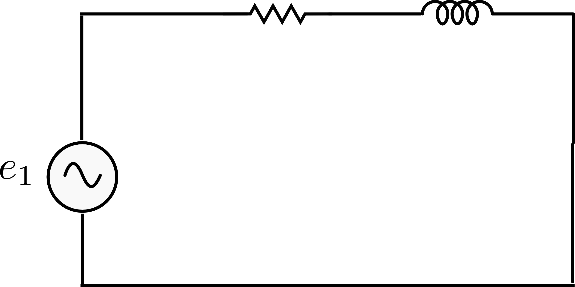
Deadline: Fri 19/10/2018

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### L8 - Decoupled Electromagnetic/Electromechanical Simulation

Deadline: Mon 19/11/2018



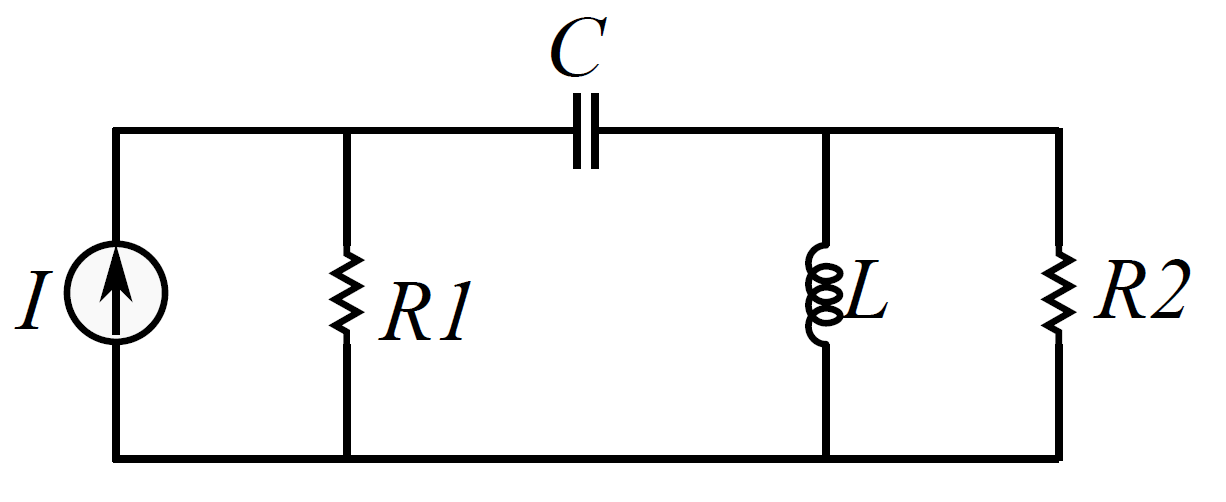
Comparison: EMT vs DP

## Exercises

### E3 - Resistive Companion and Dynamic Phasors

Deadline: Fri 30/11/2018

1)



I = 10A / / / C = 1mF / L = 1mH / t = 1ms / /

2)

Same as L4 Nonlinear Resistive Companion example