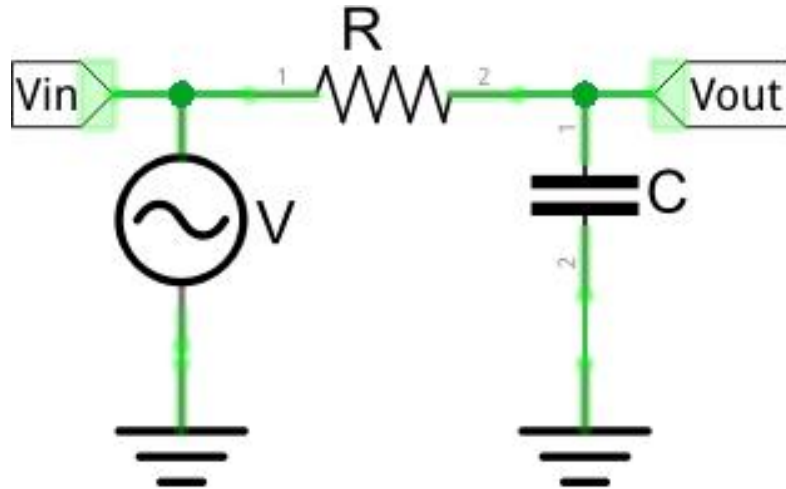


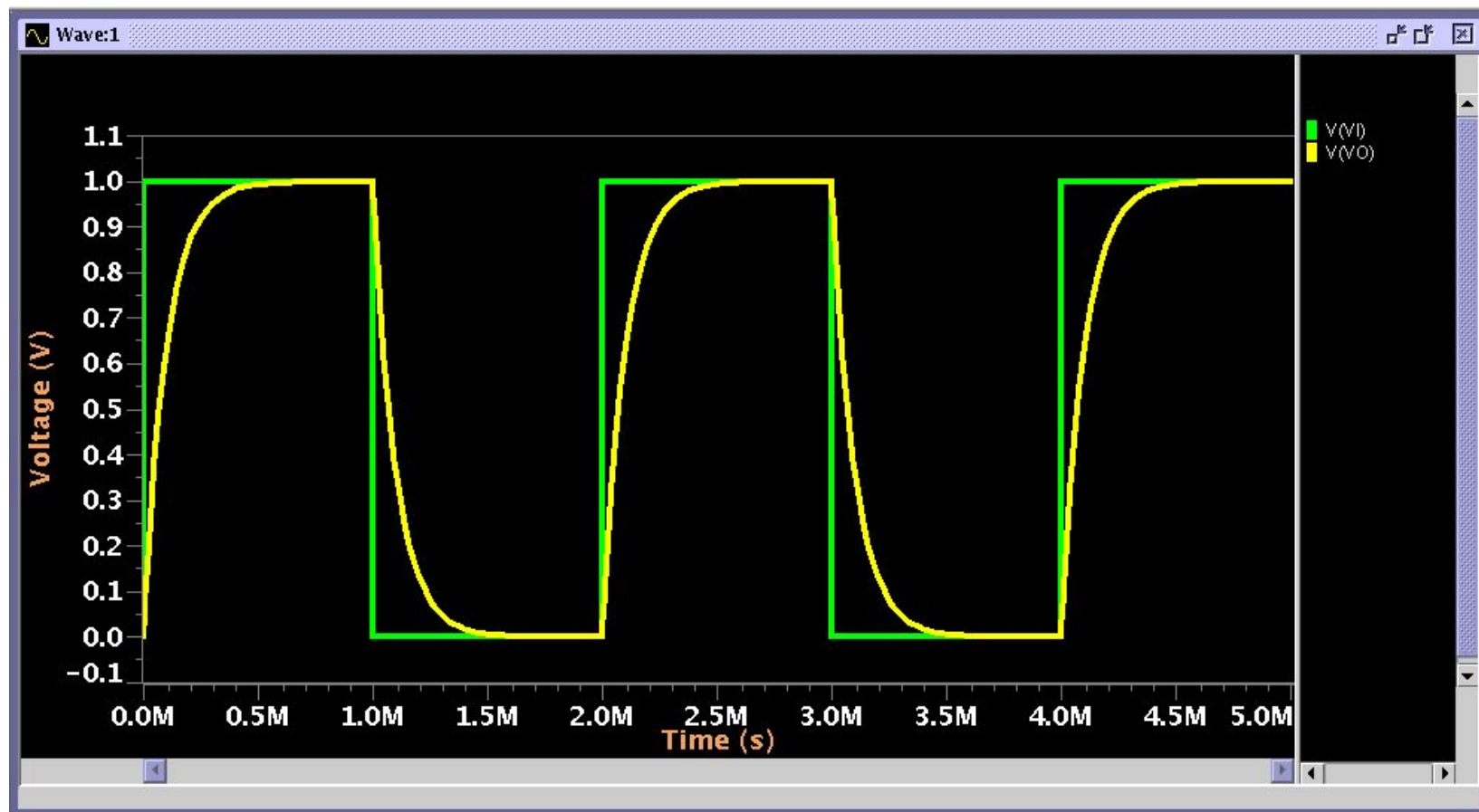
Basics of R, L, C circuits

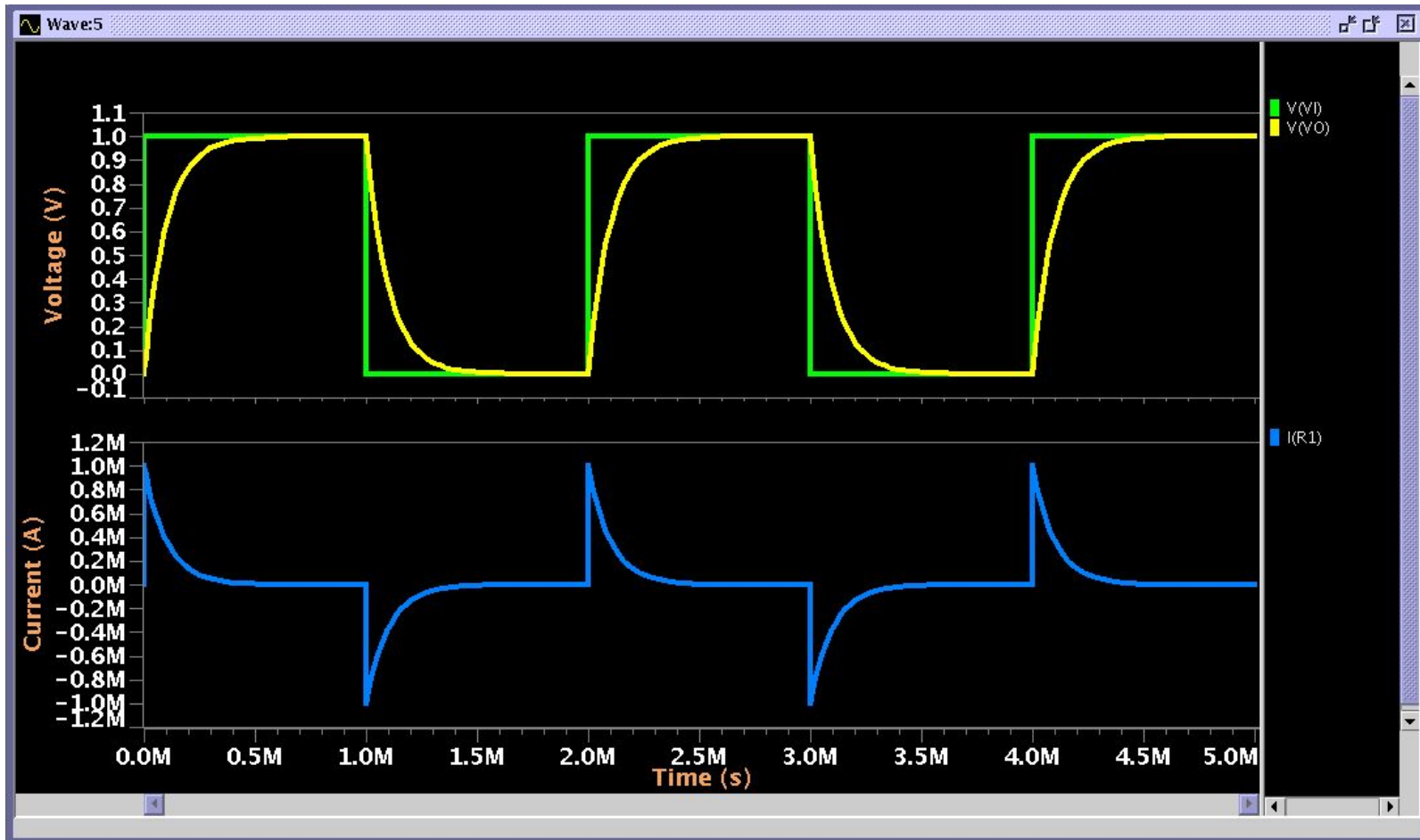
By Anil Kumar Gundu

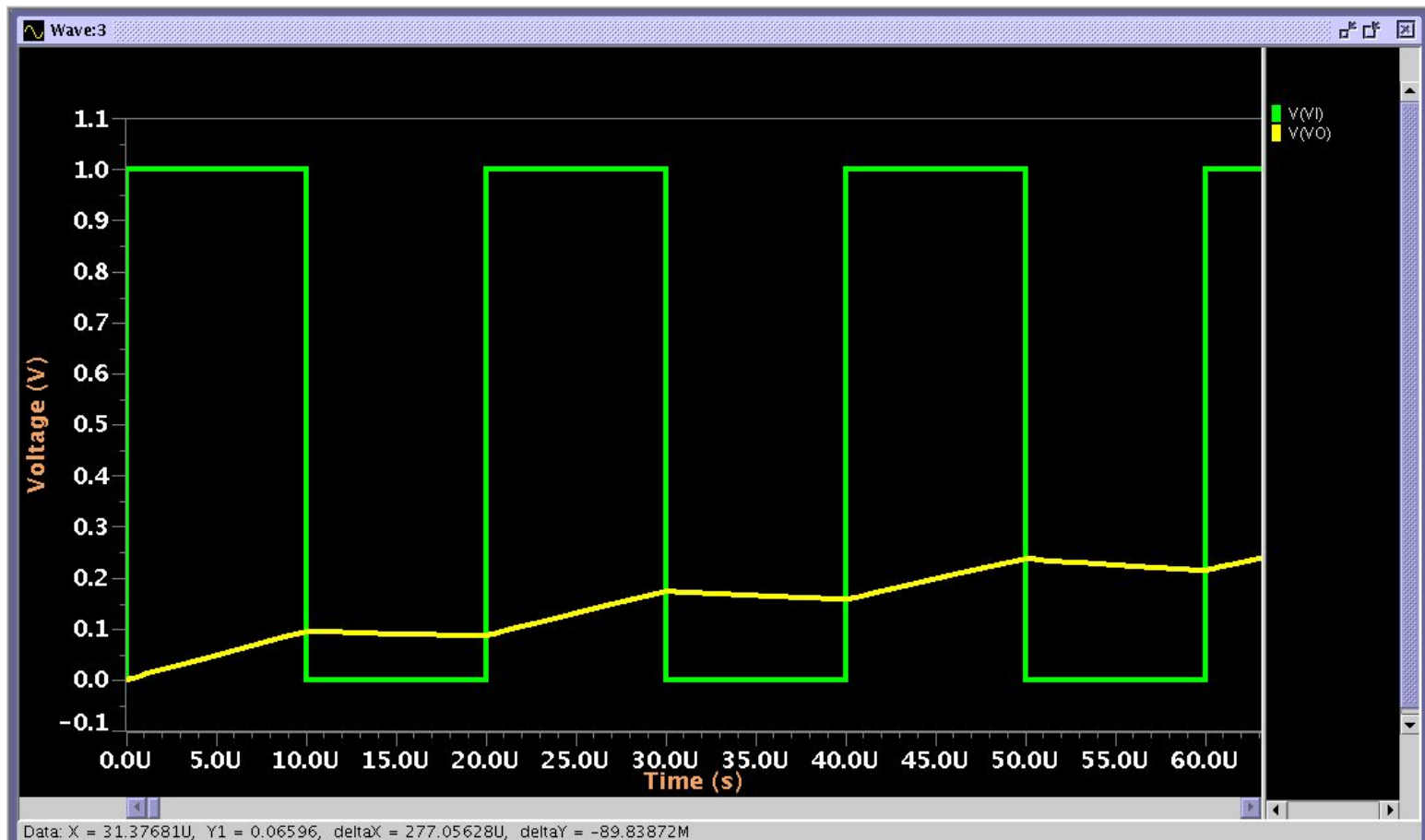
RC circuit

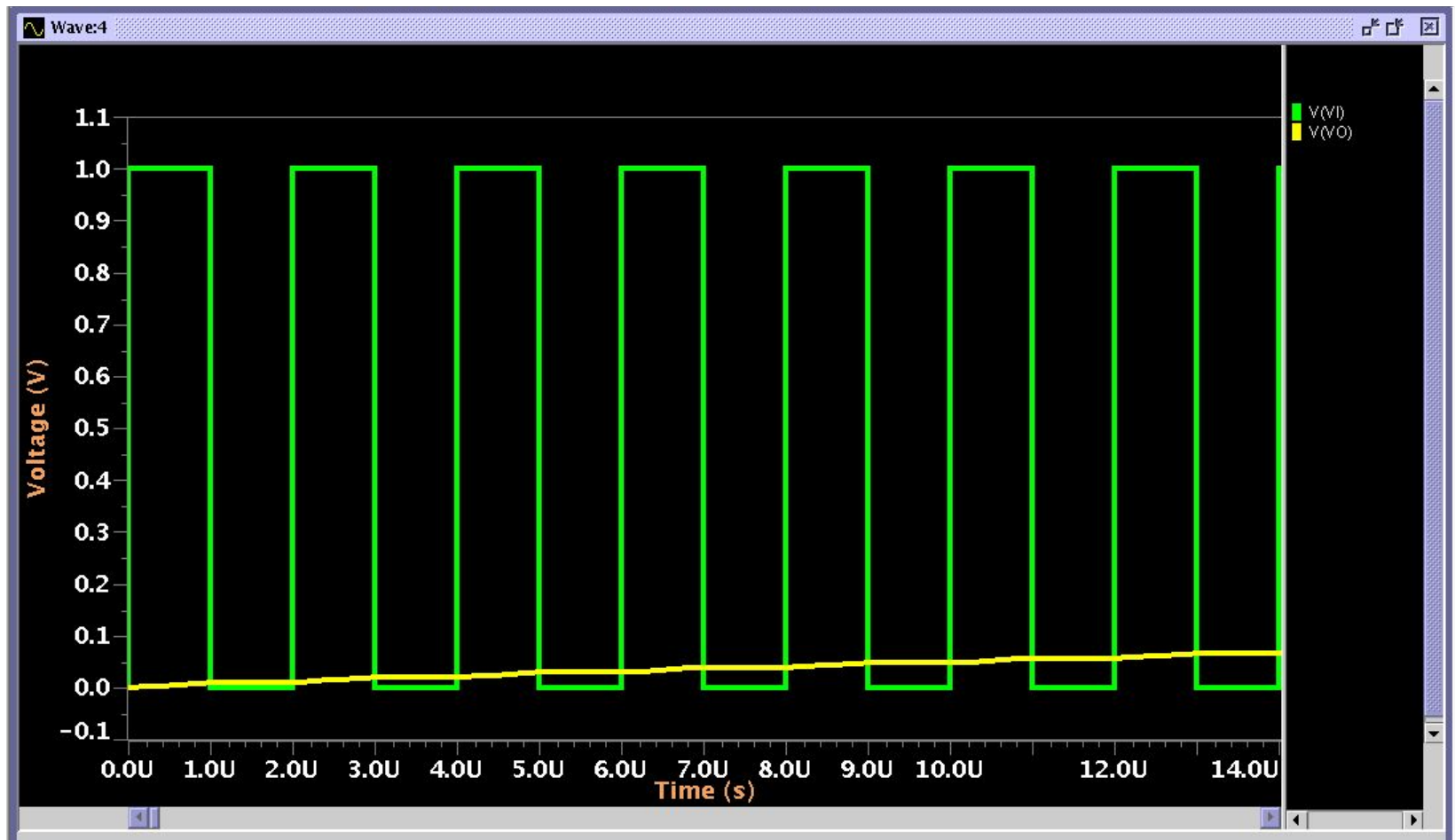


fritzing

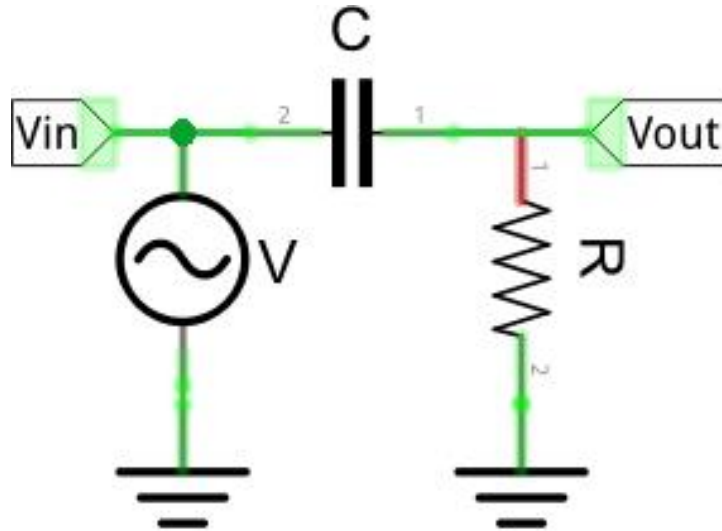




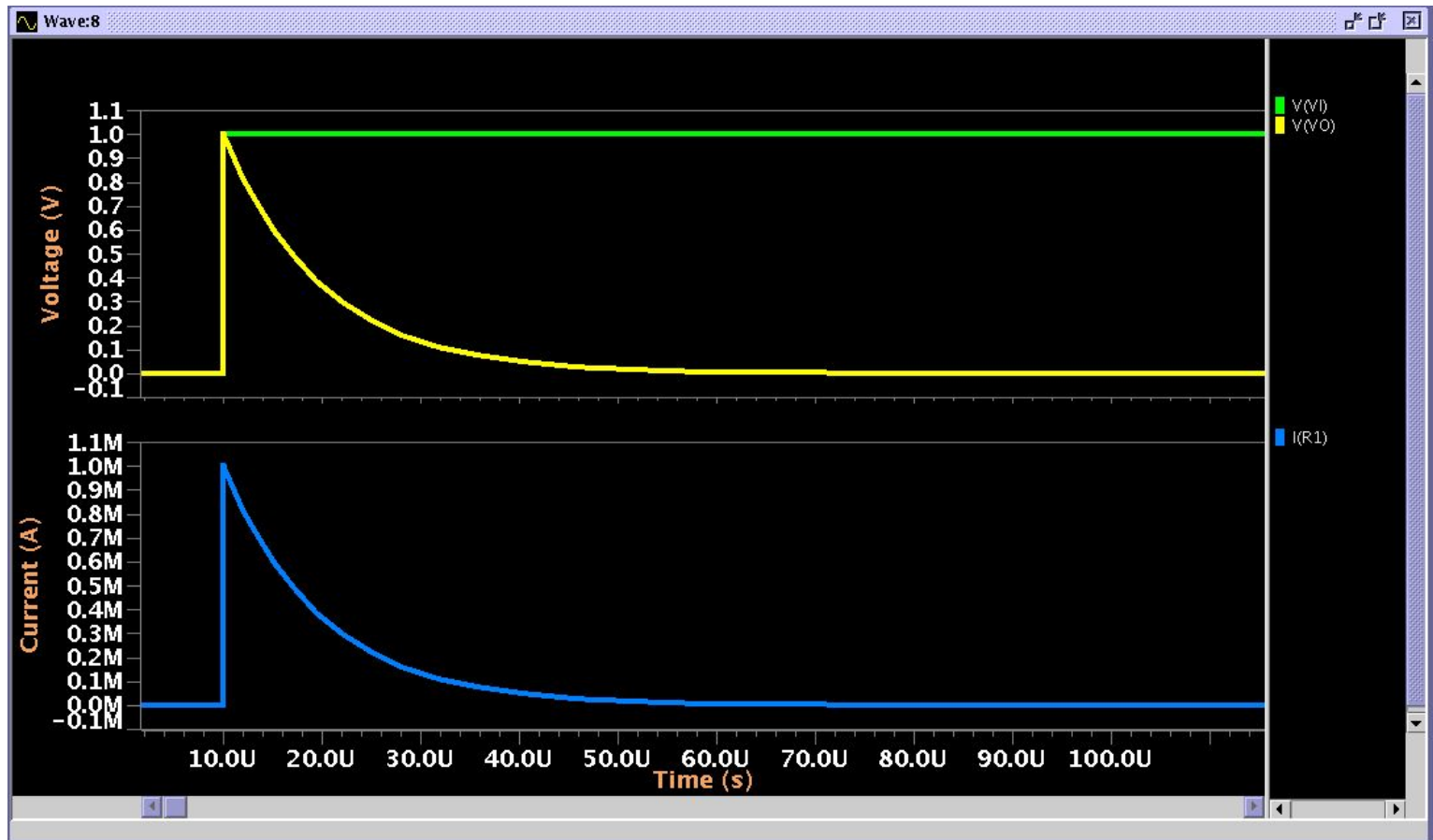


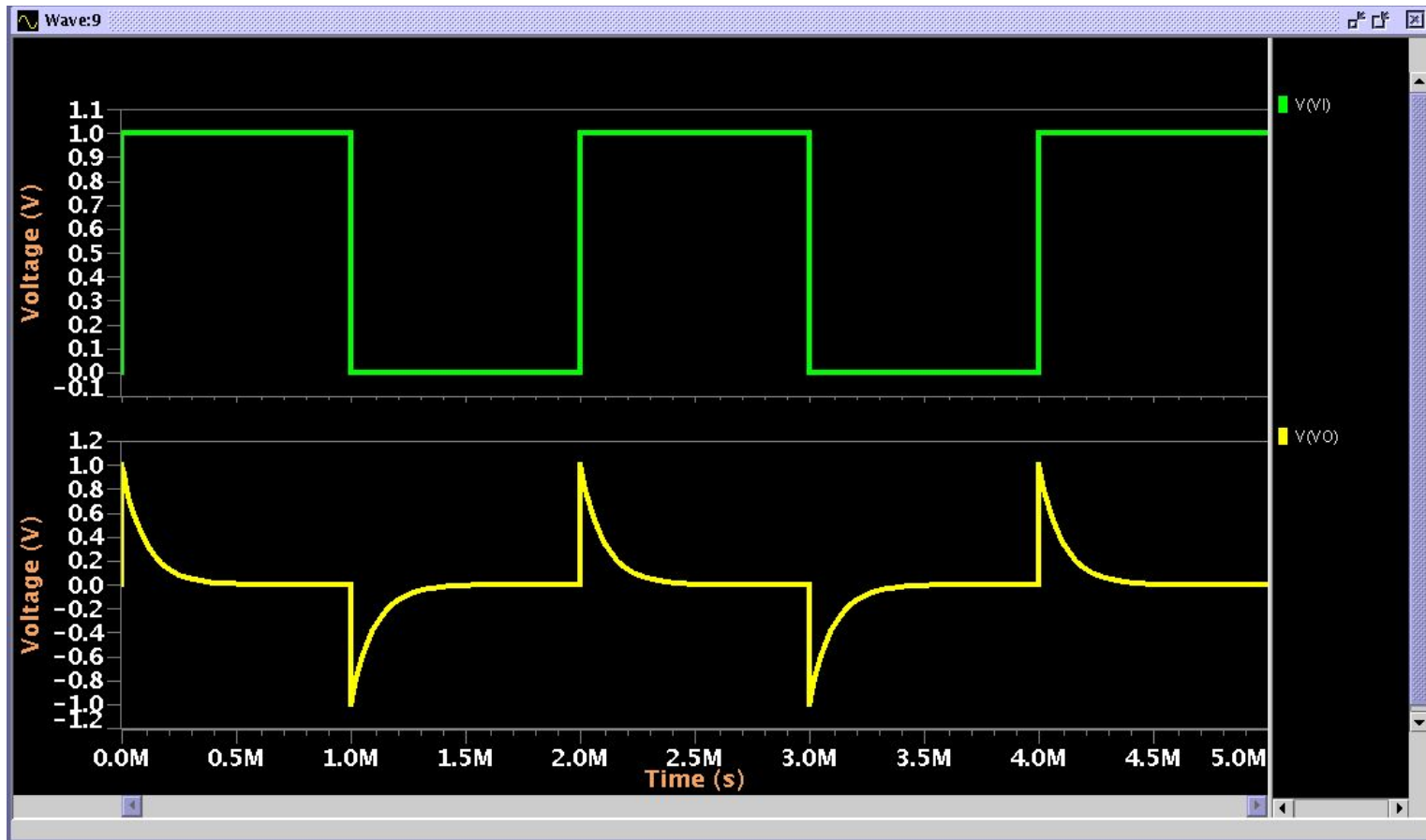


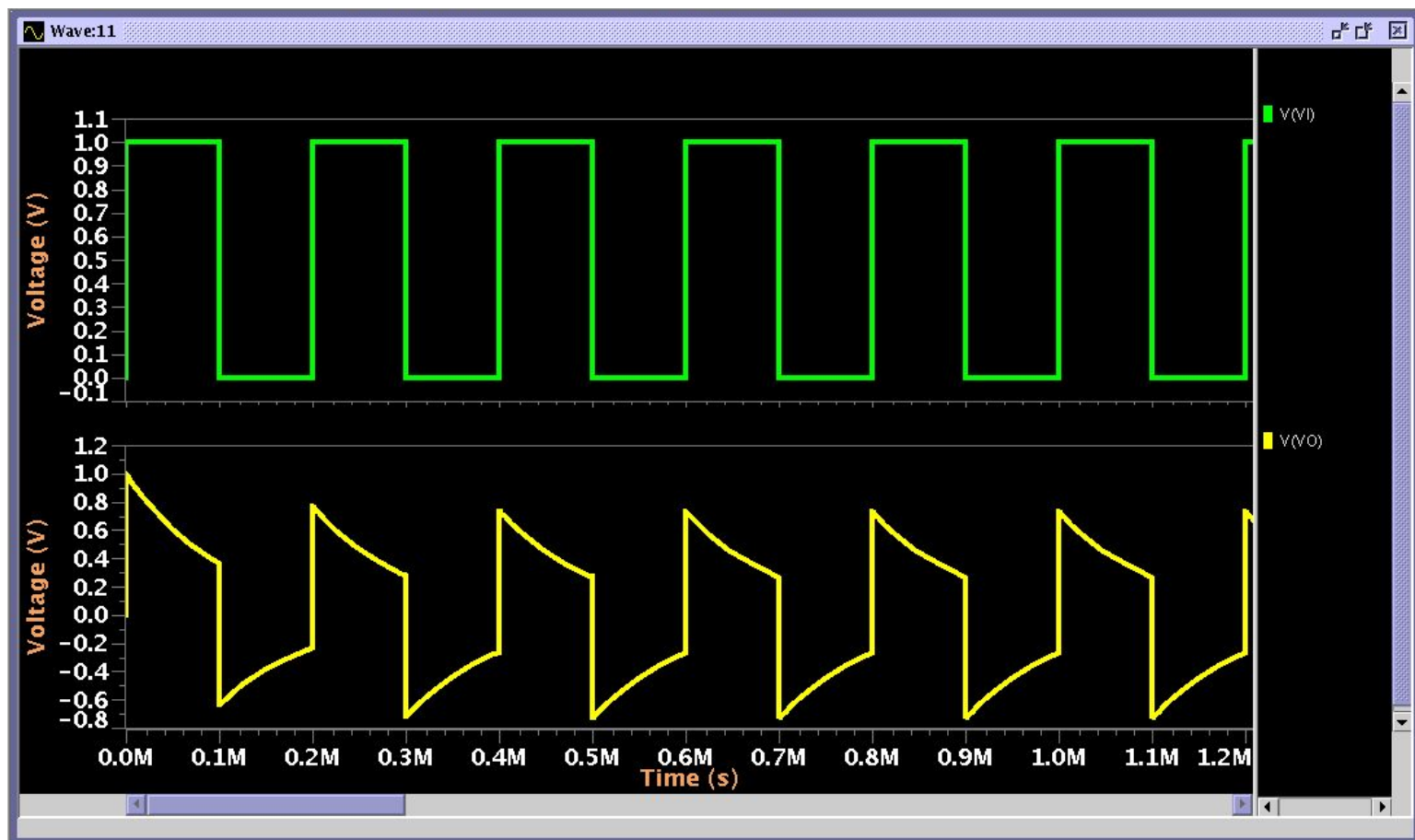
CR circuit

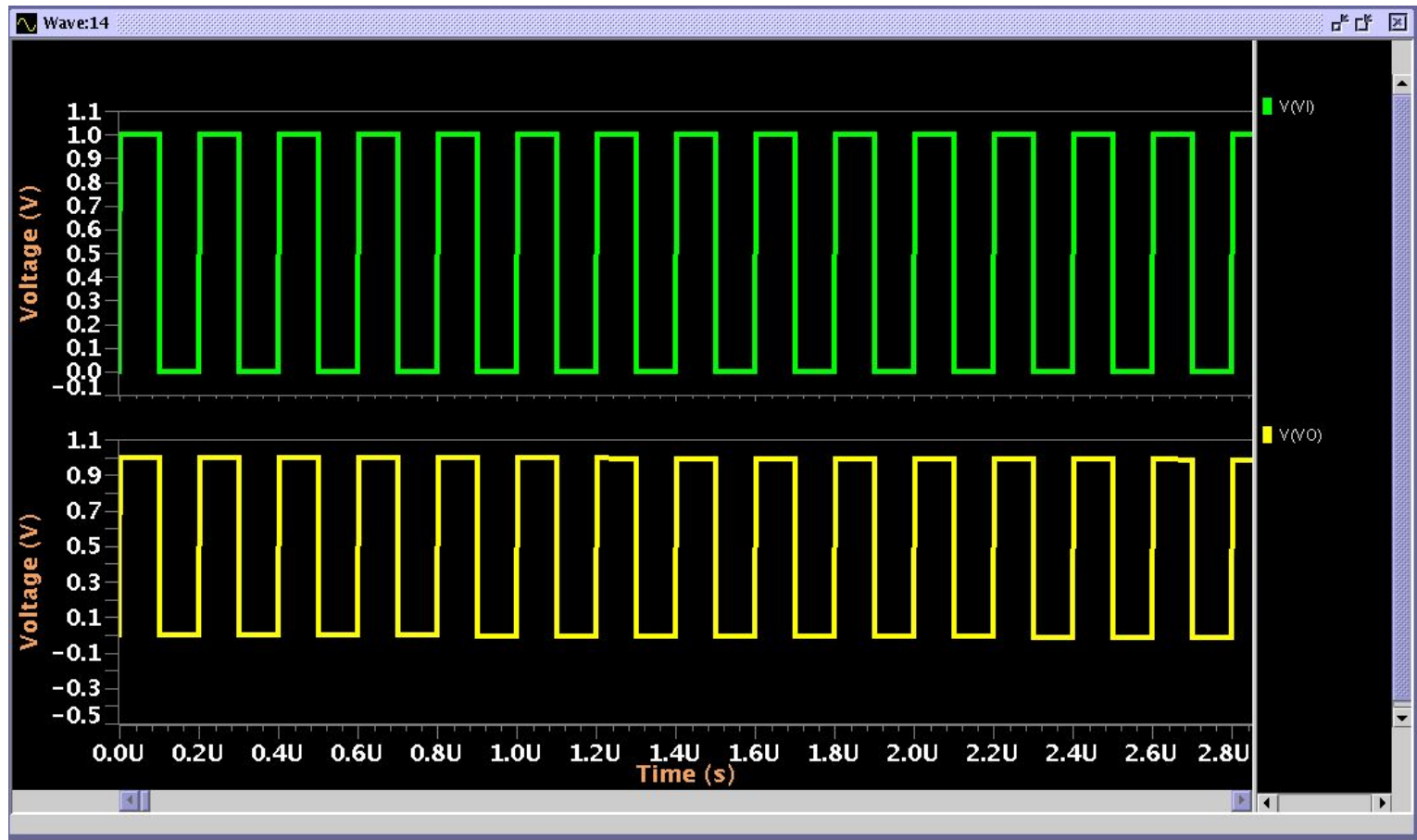


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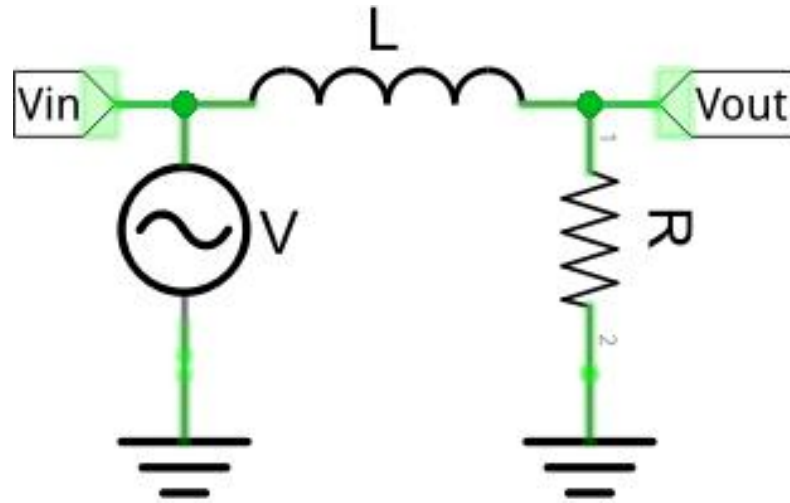




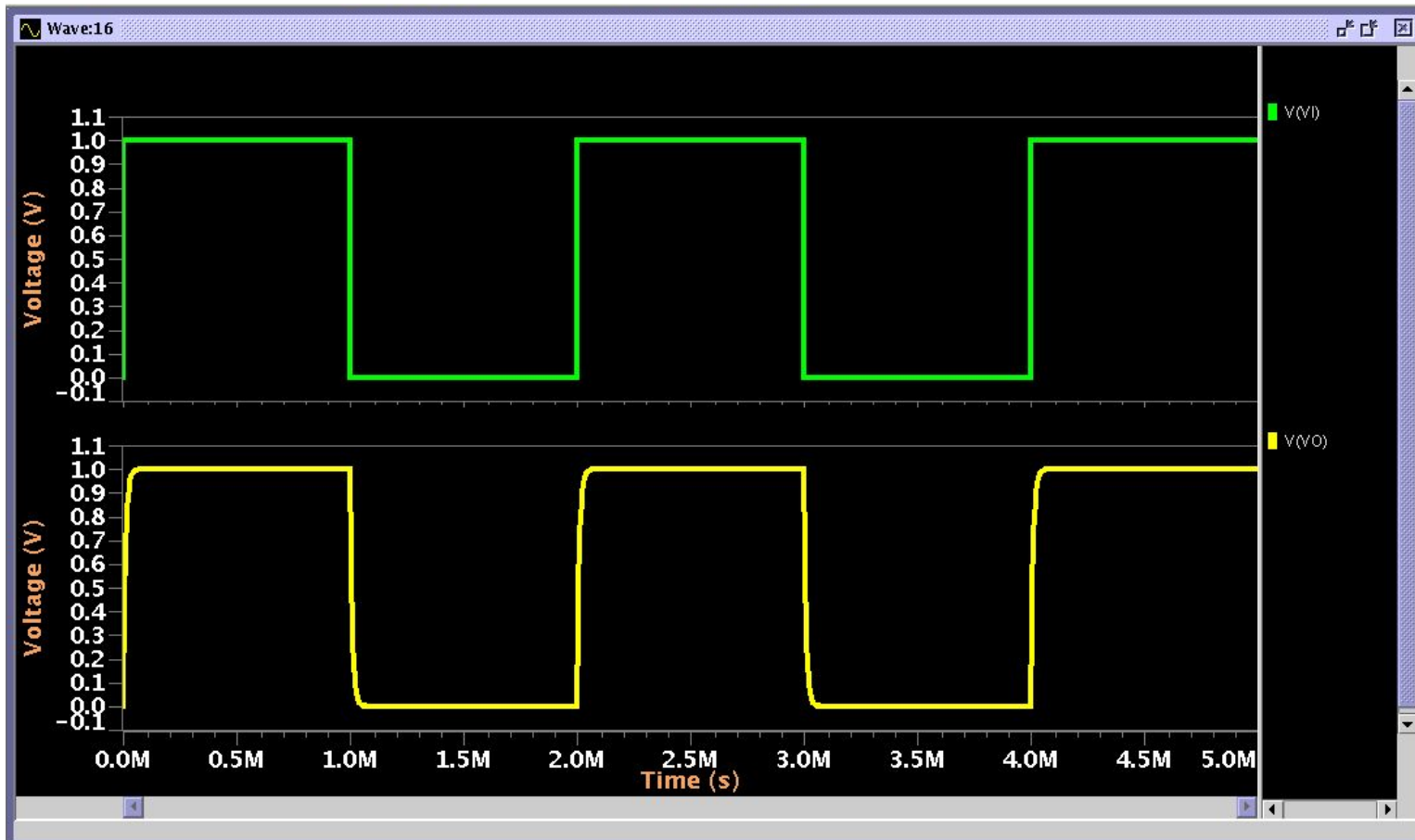


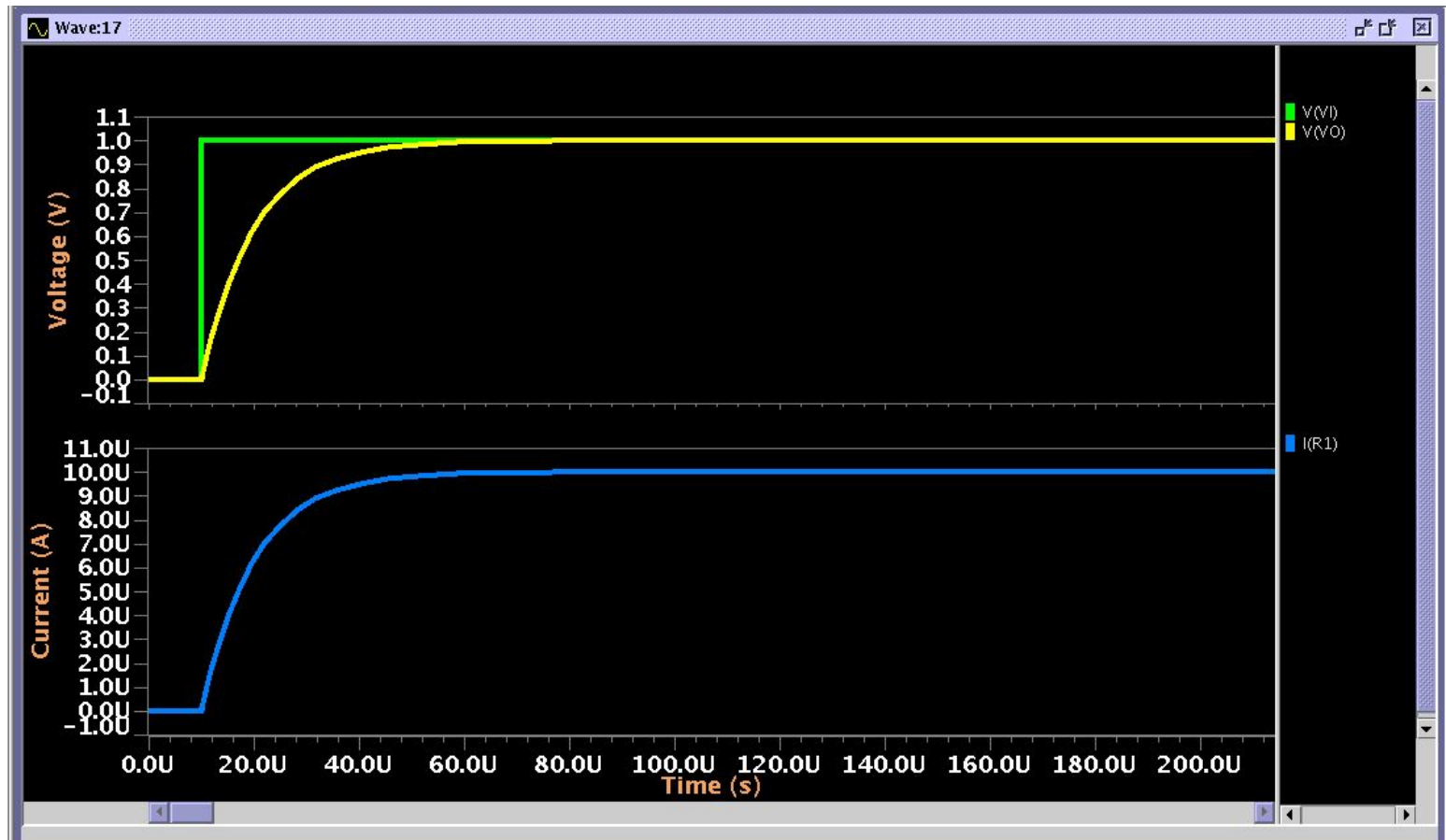


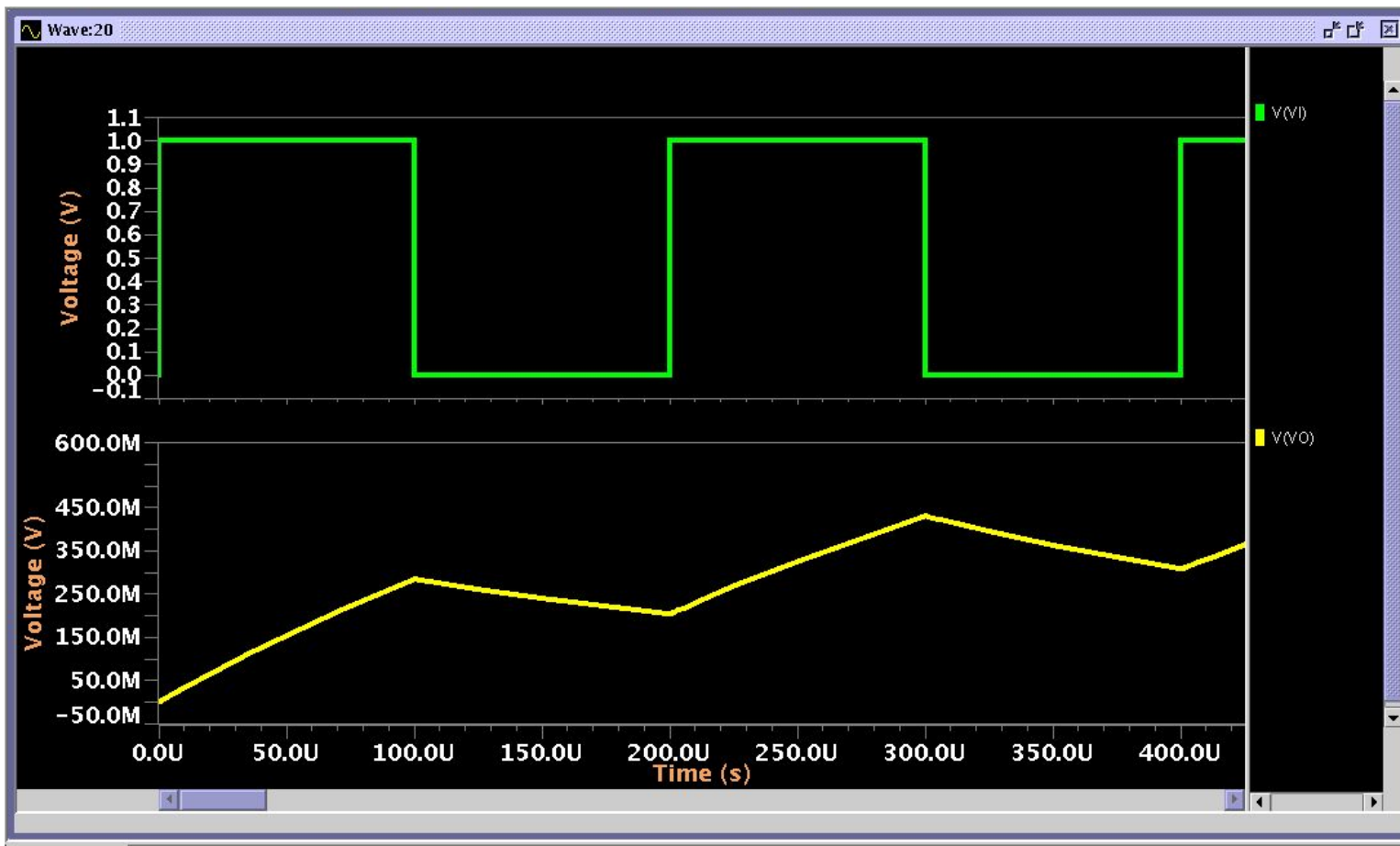
LR circuit

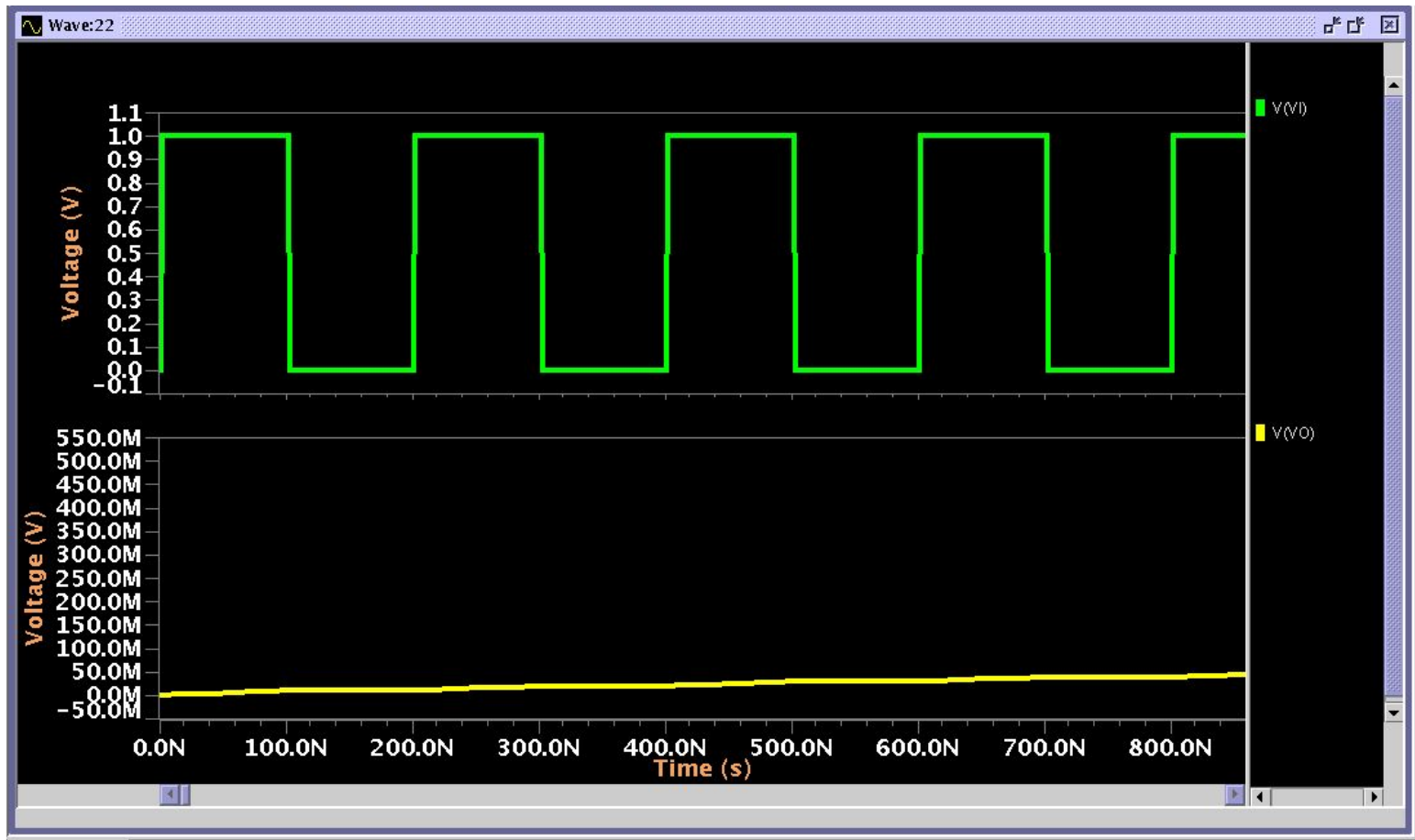


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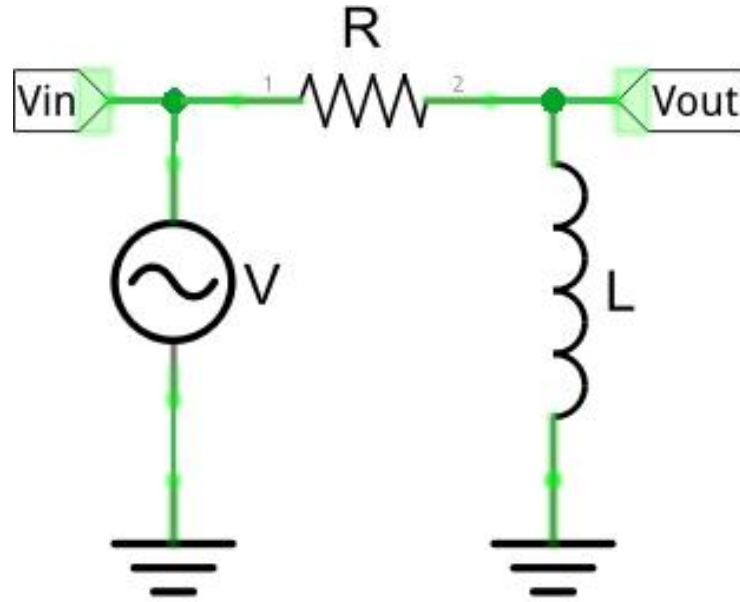




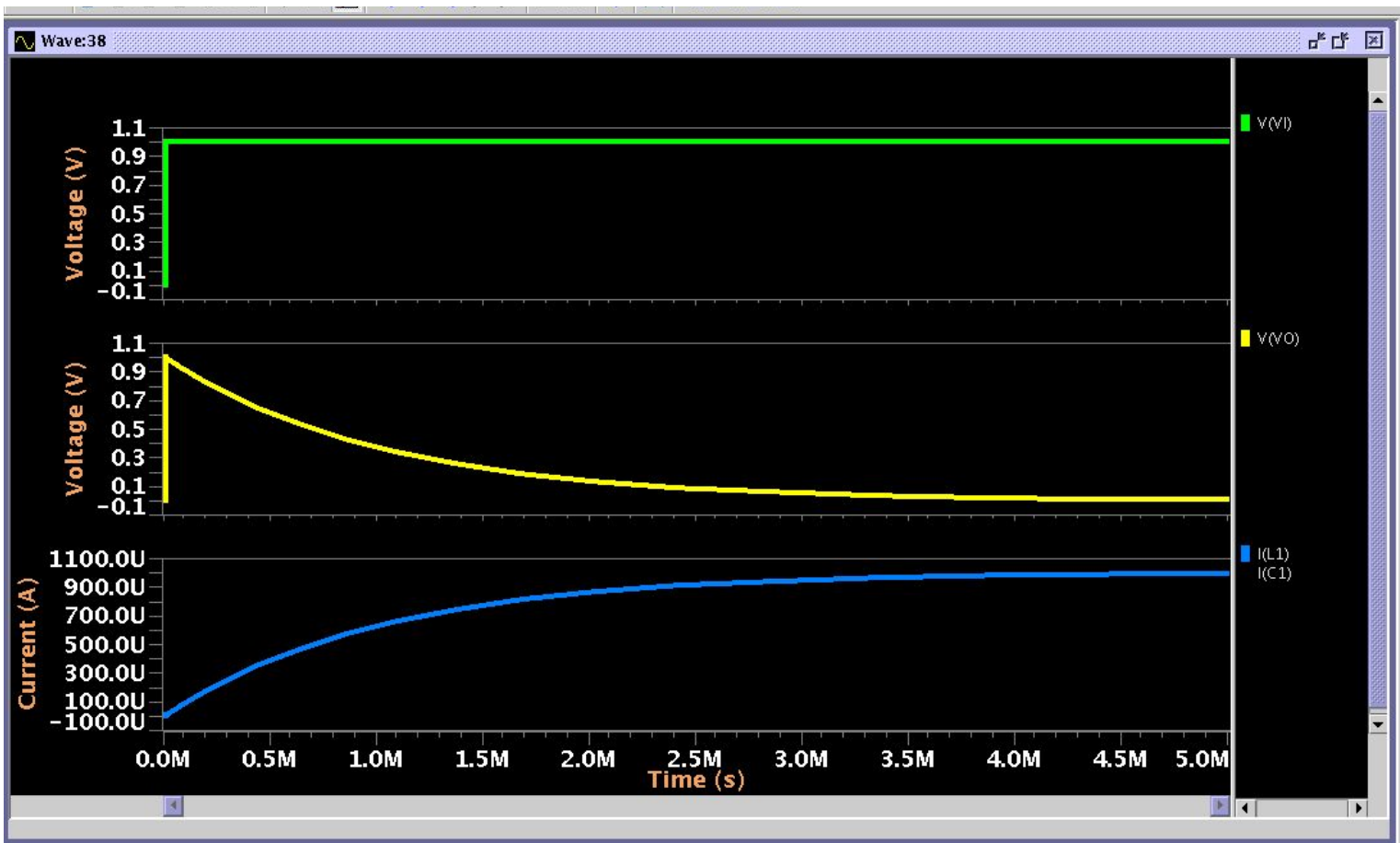


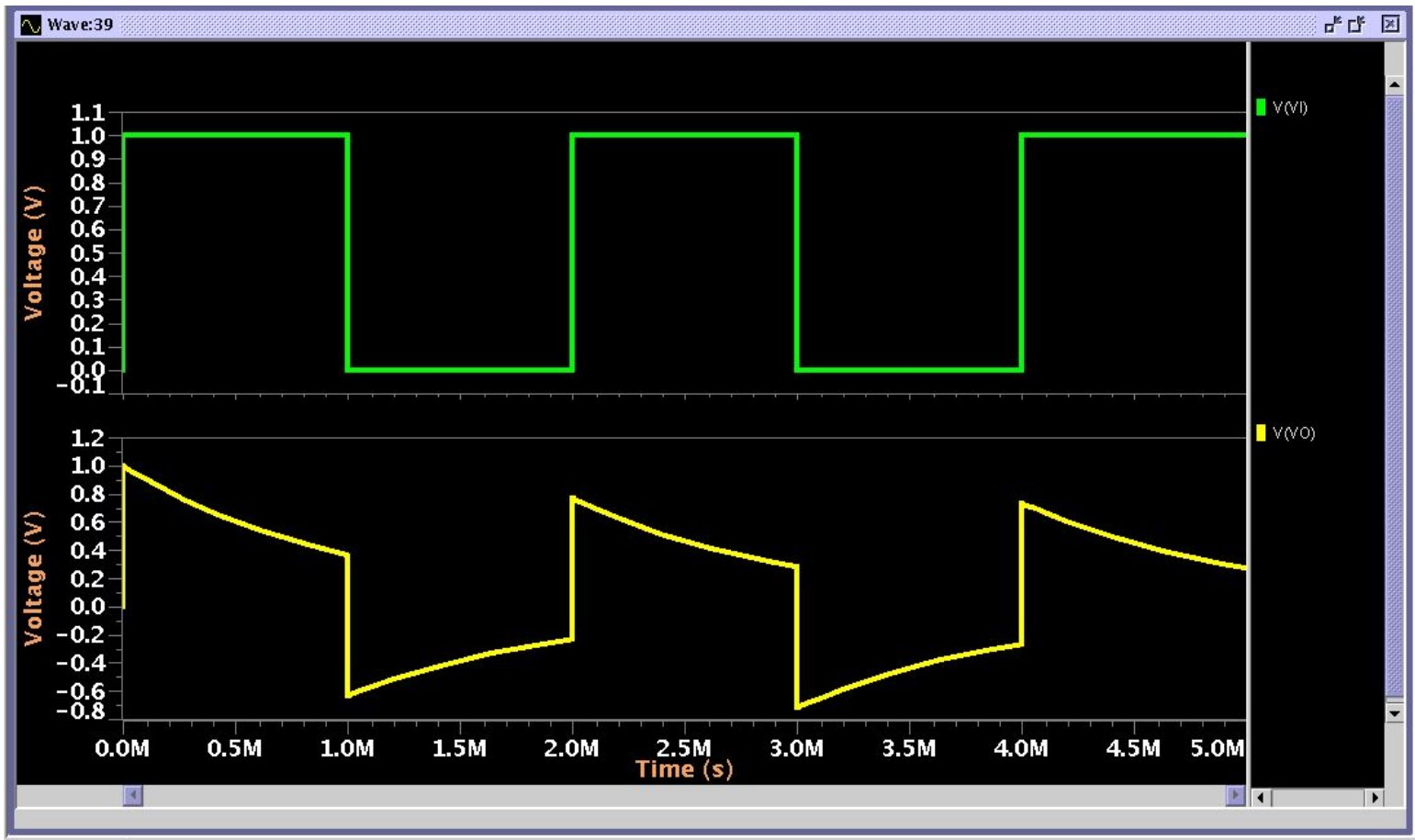


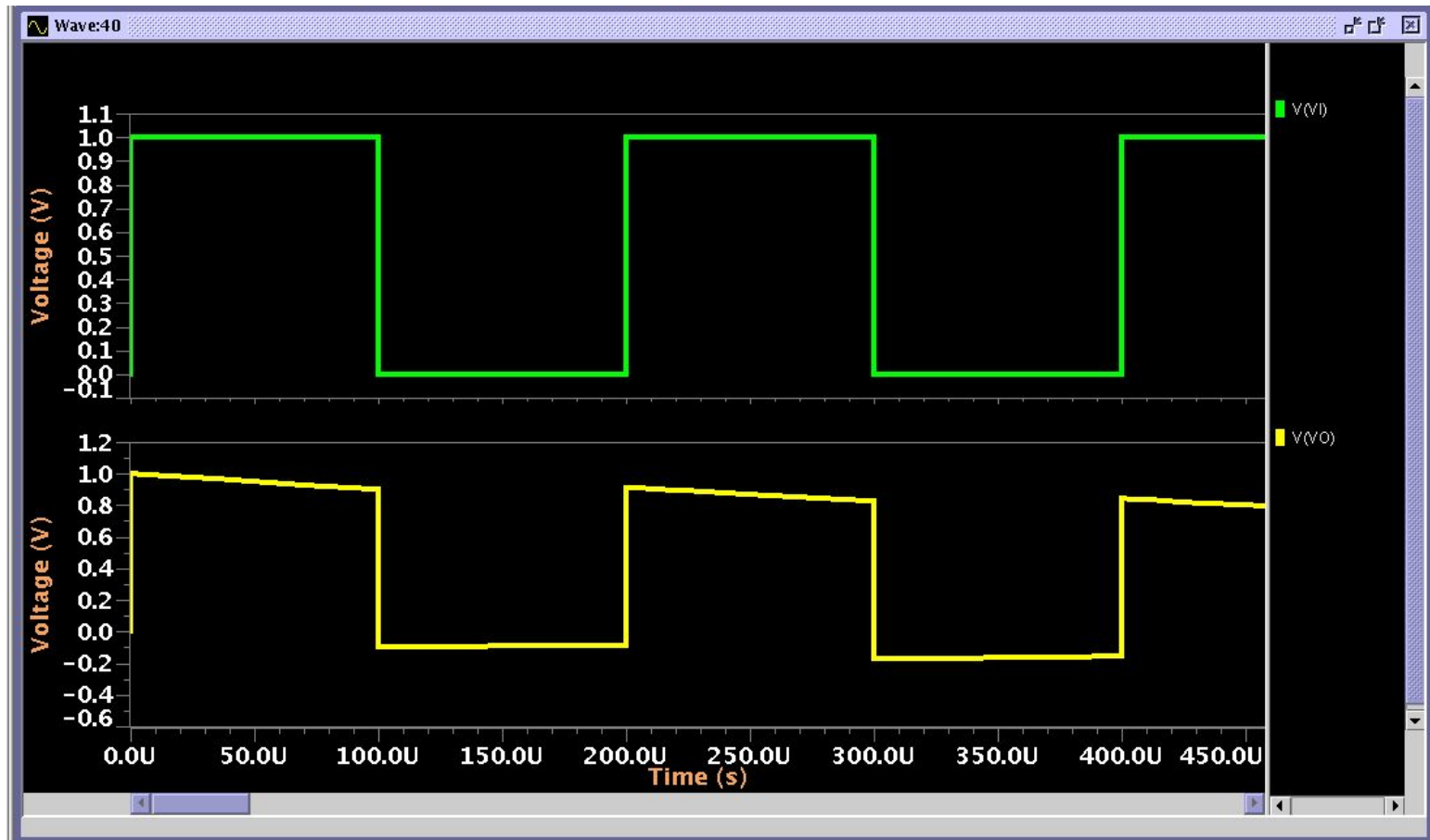
RL circuit

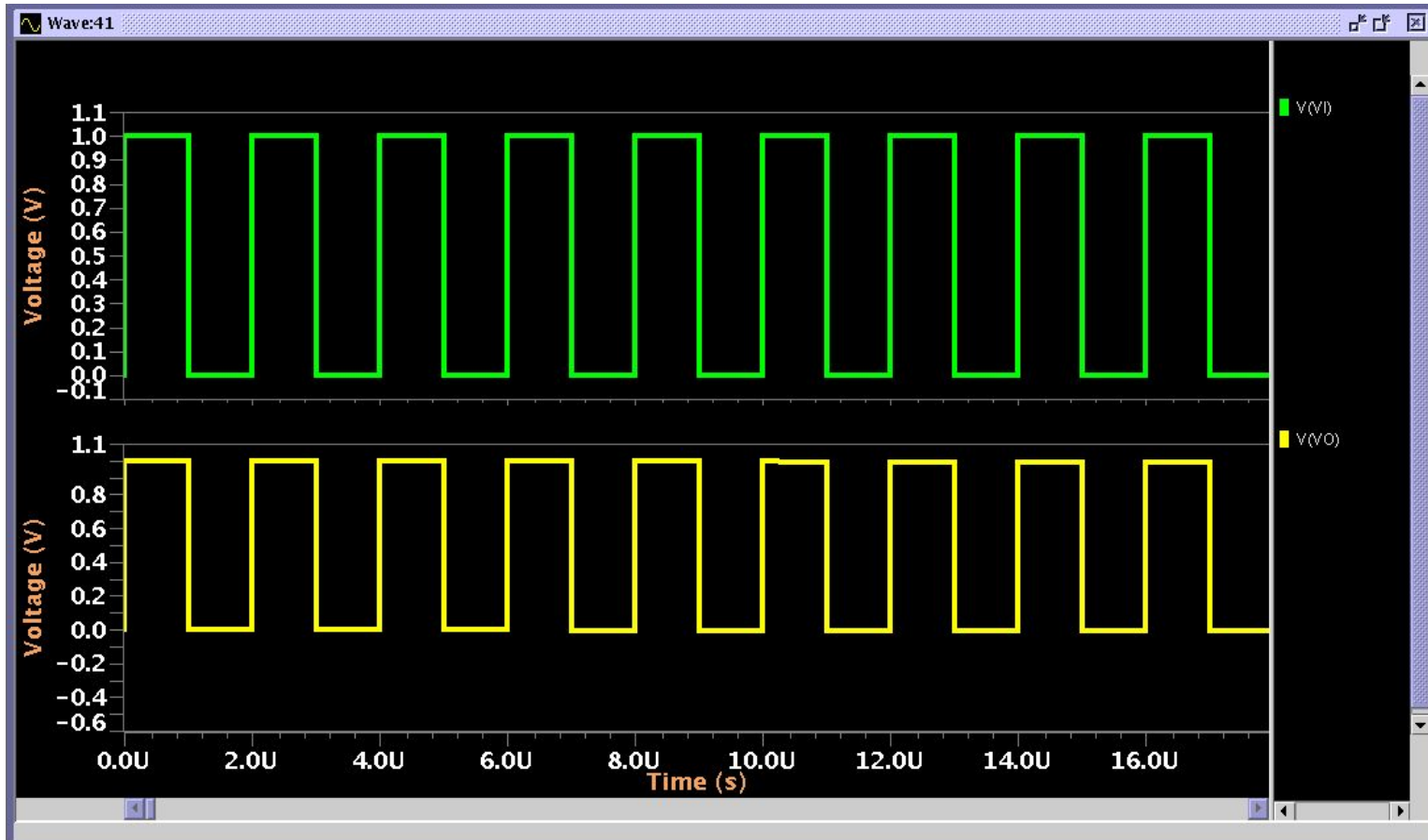


fritzing

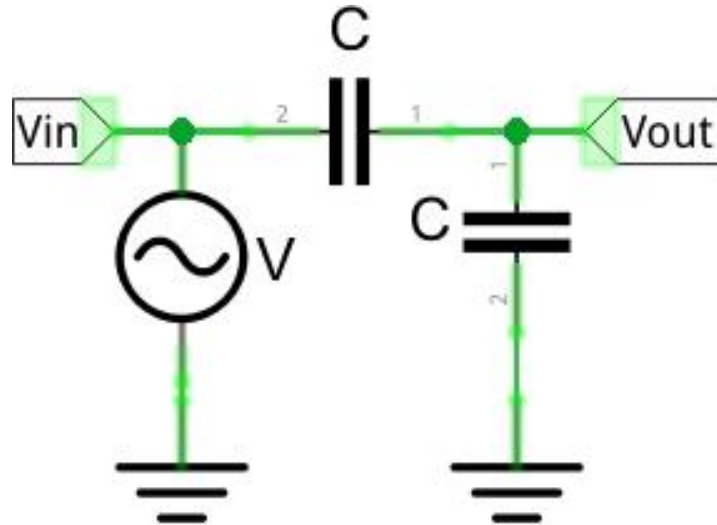




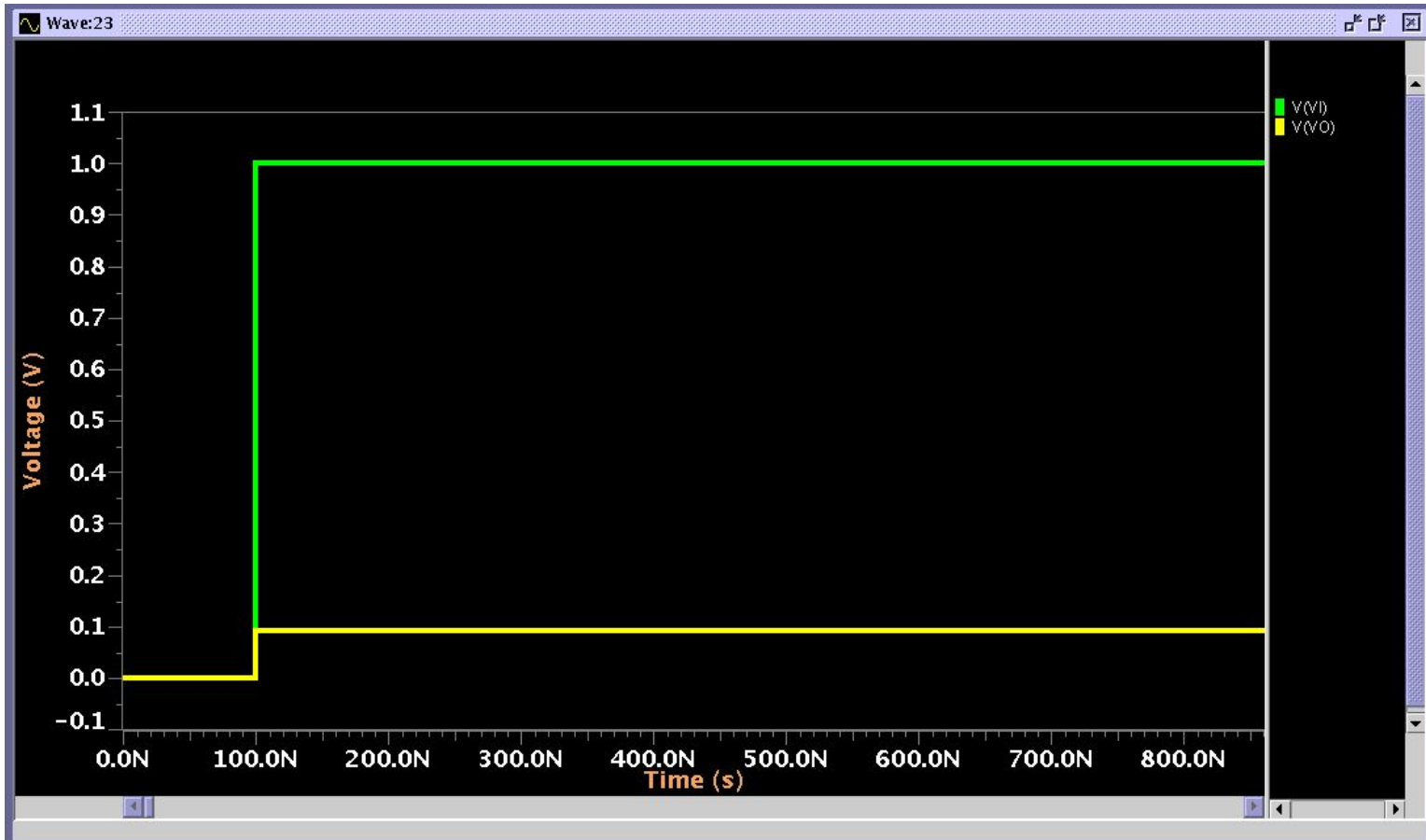


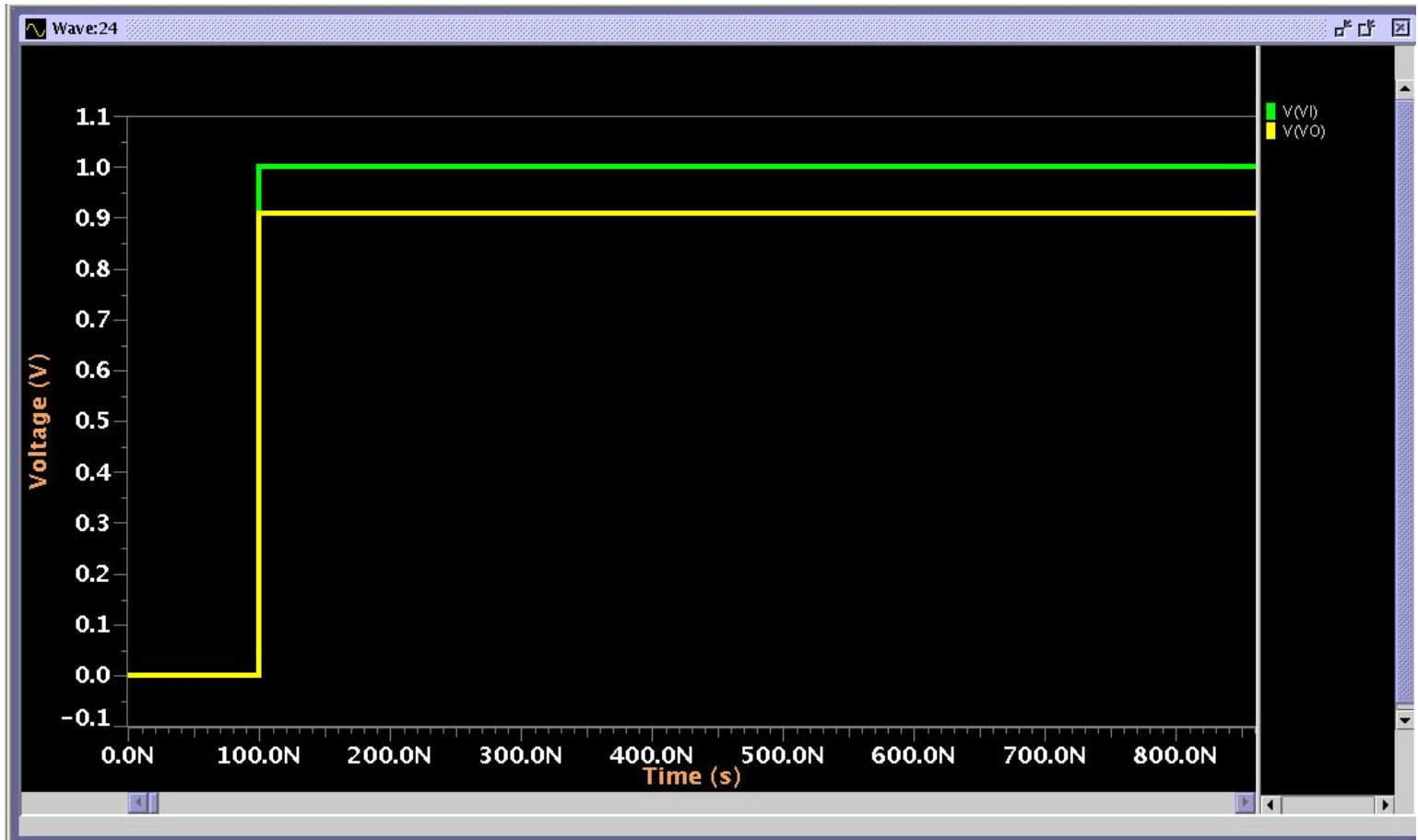


CC circuit

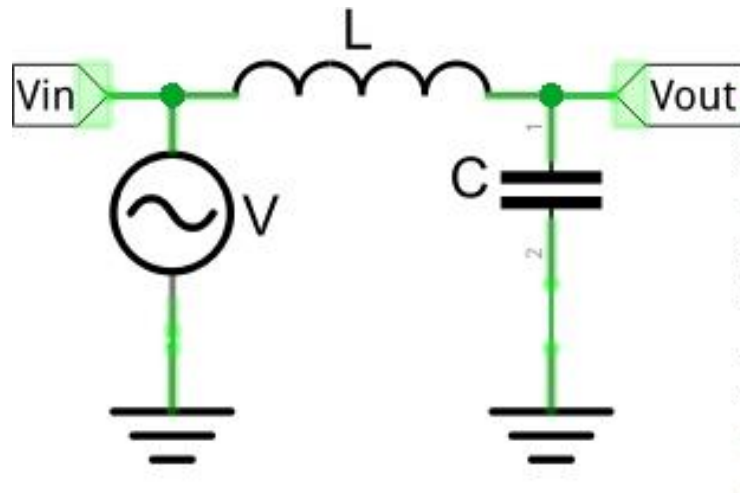


fritzing

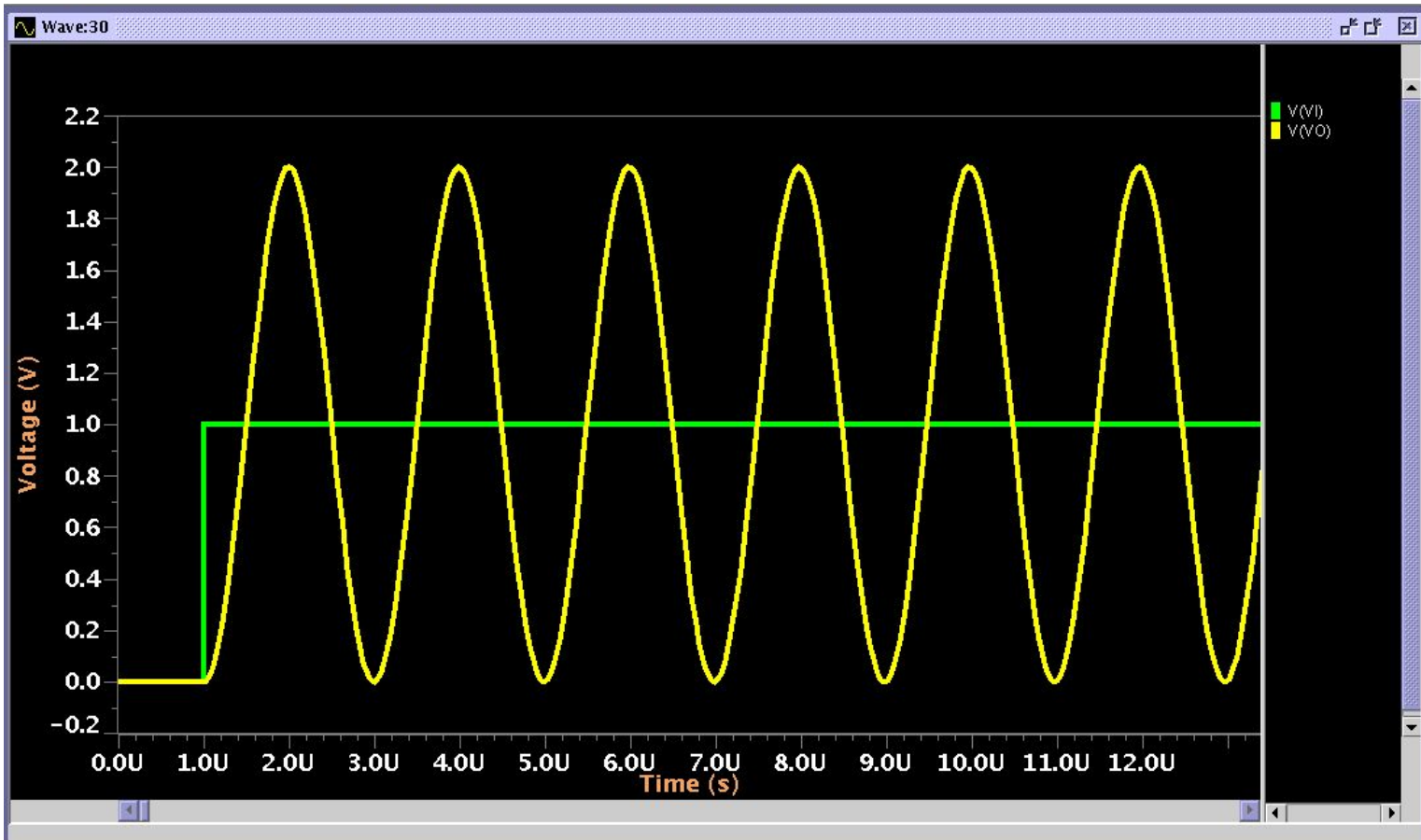


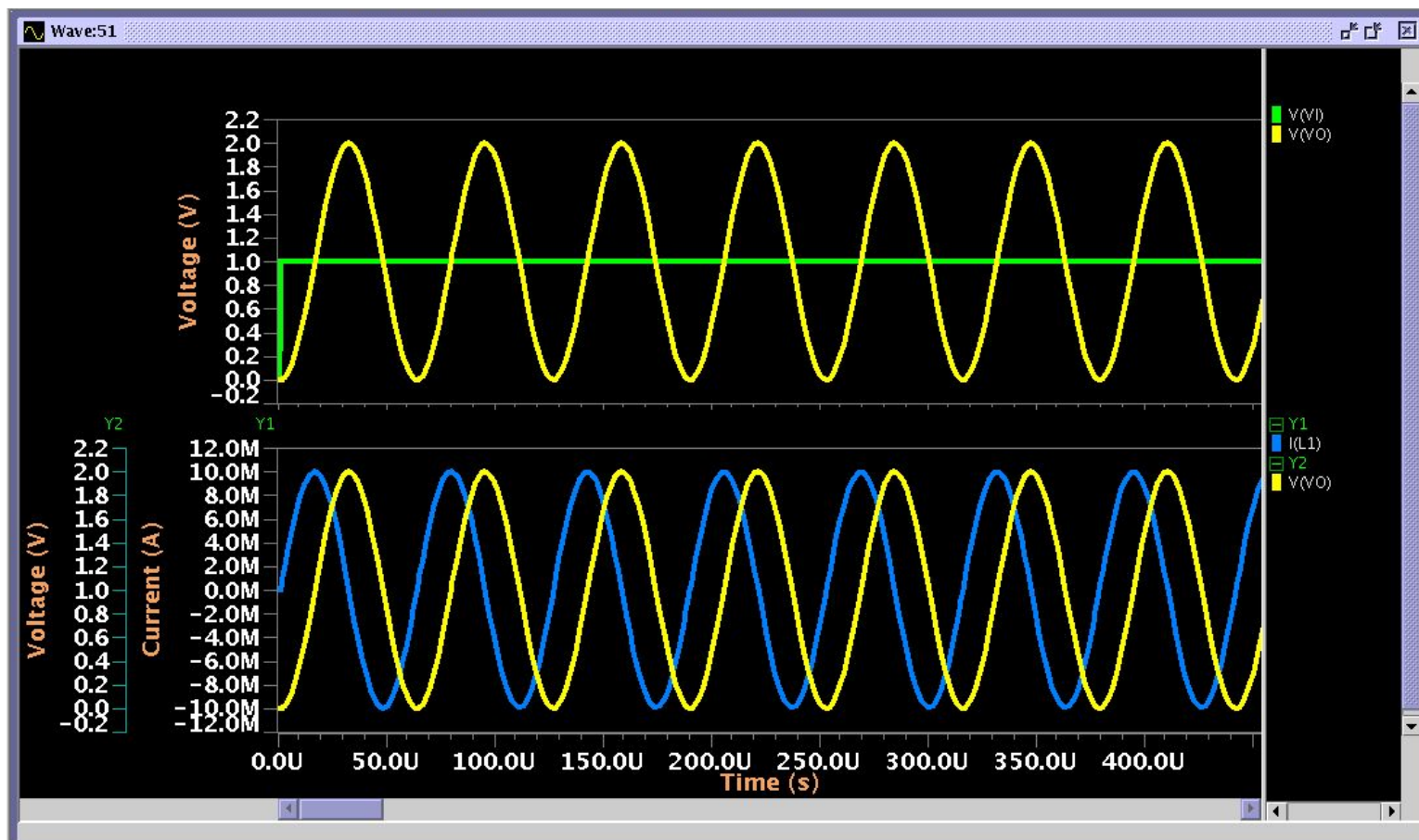


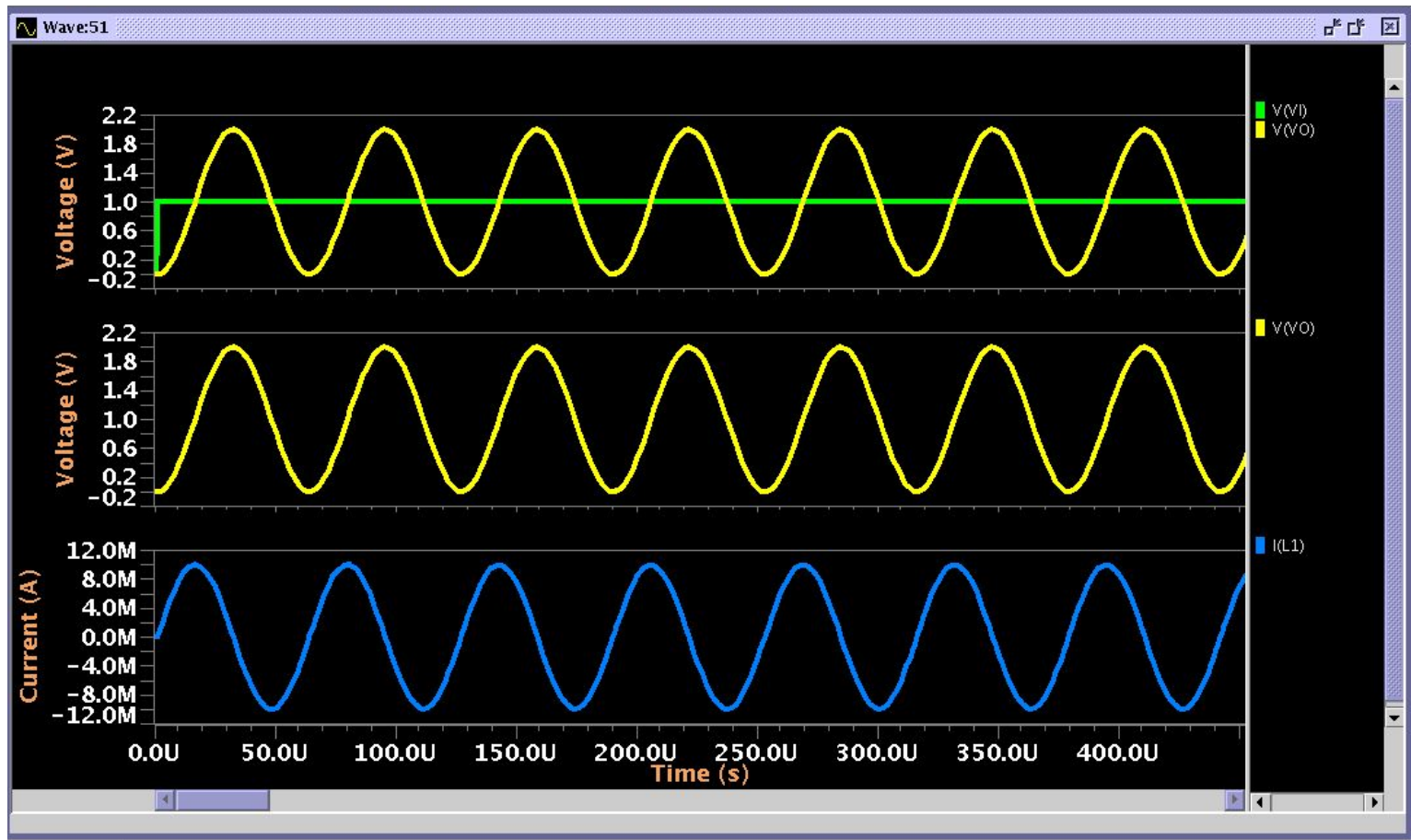
LC circuit



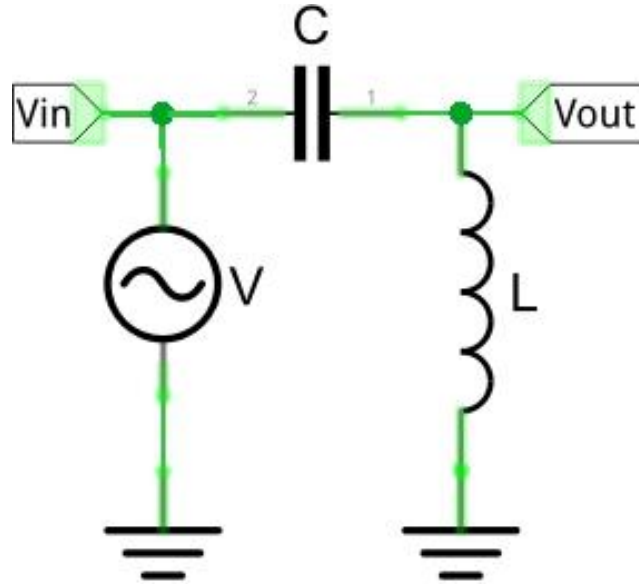
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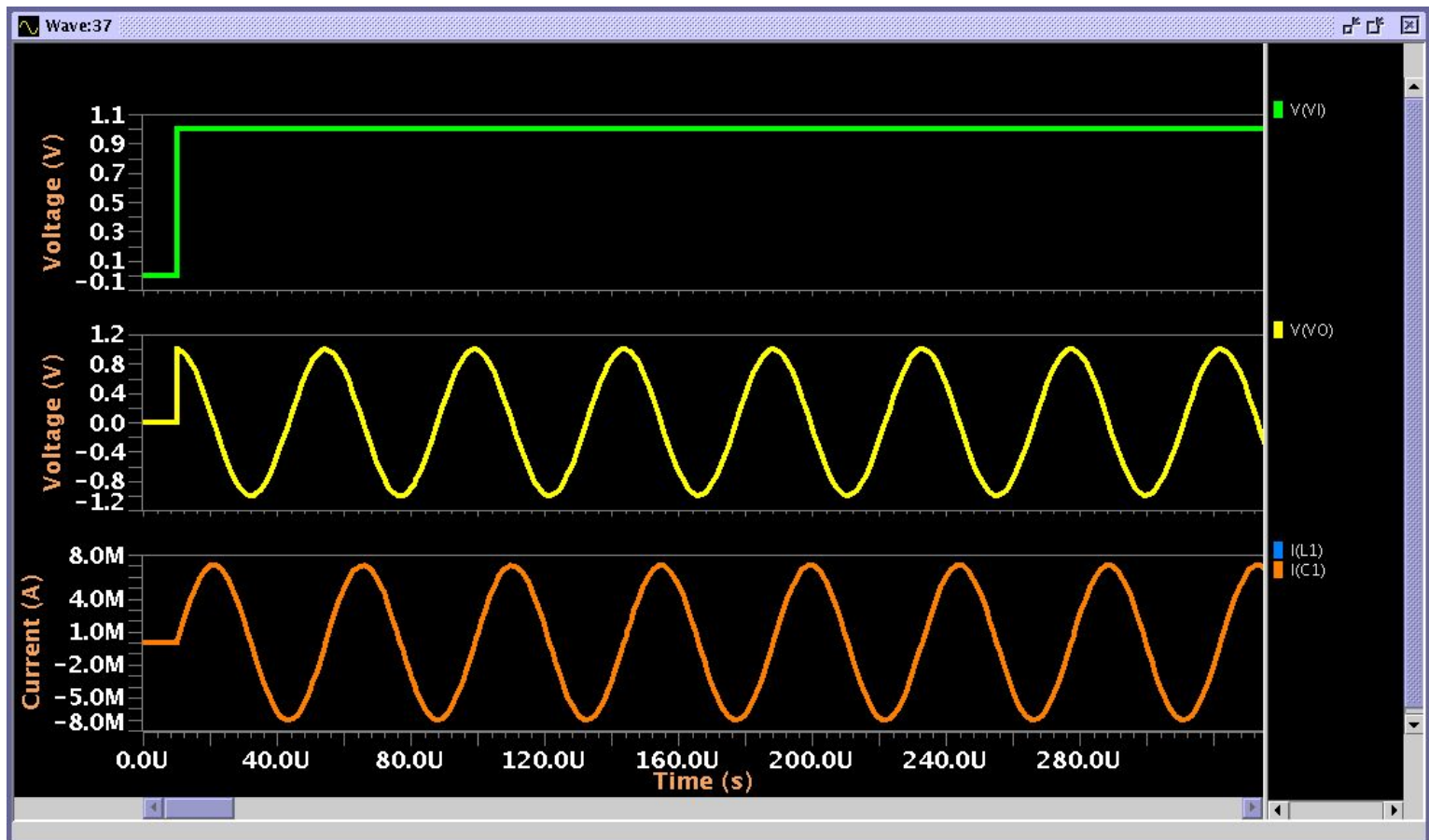




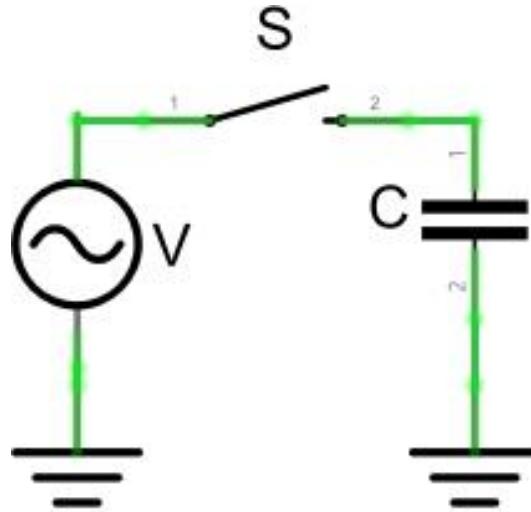
CL circuit



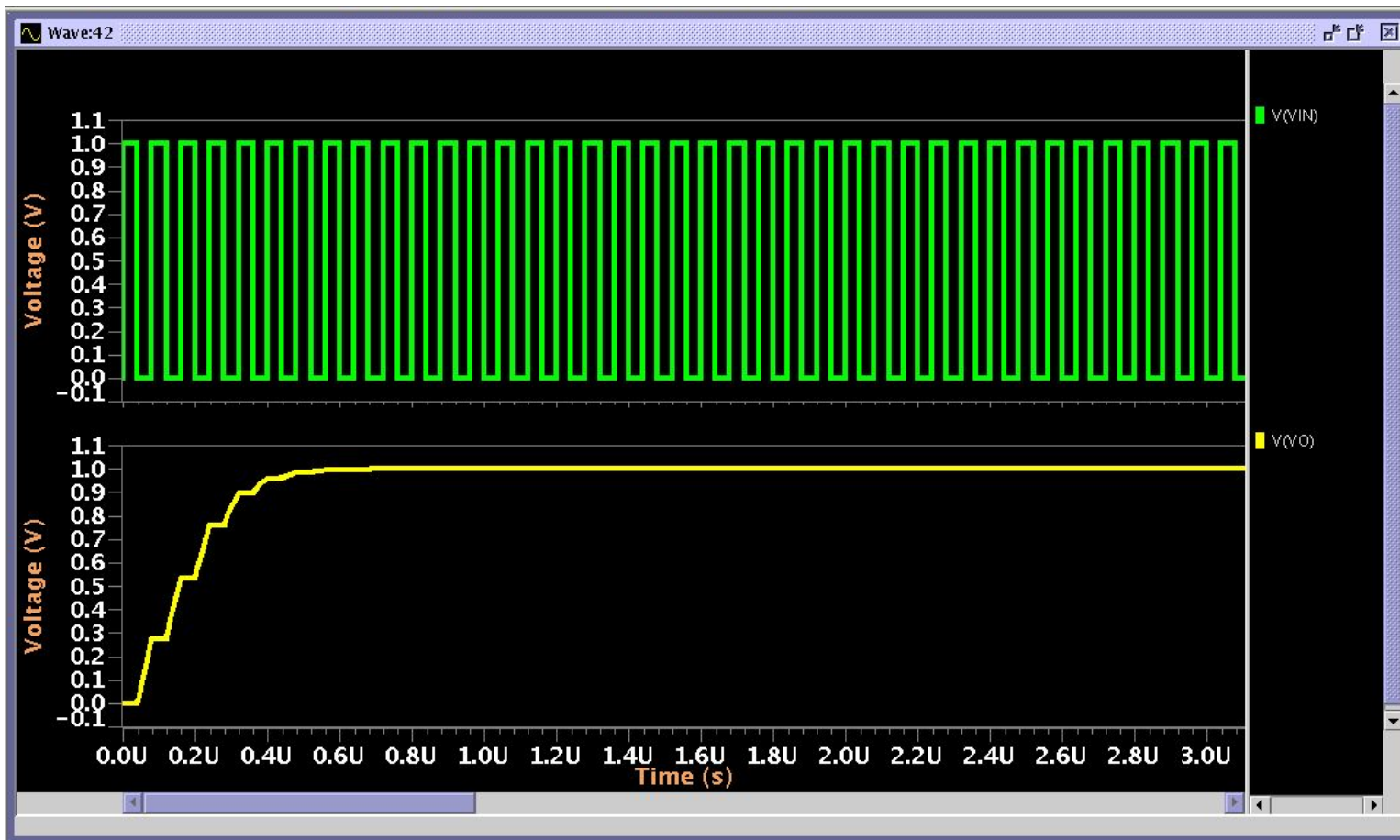
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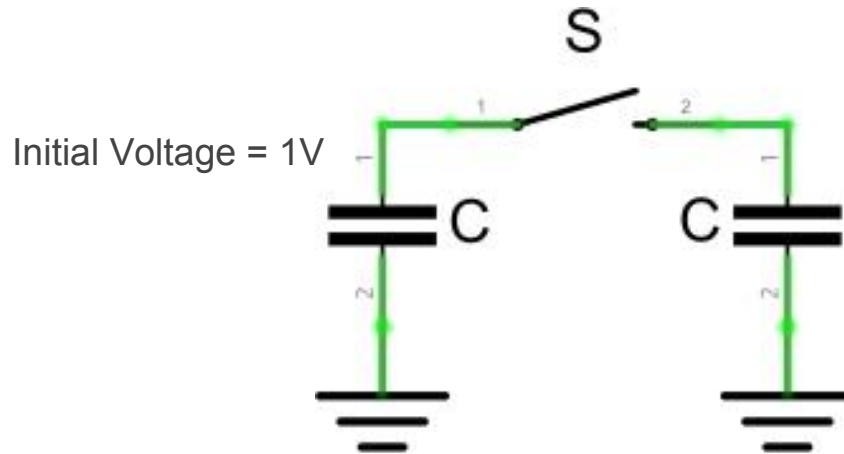
Capacitor charging circuit

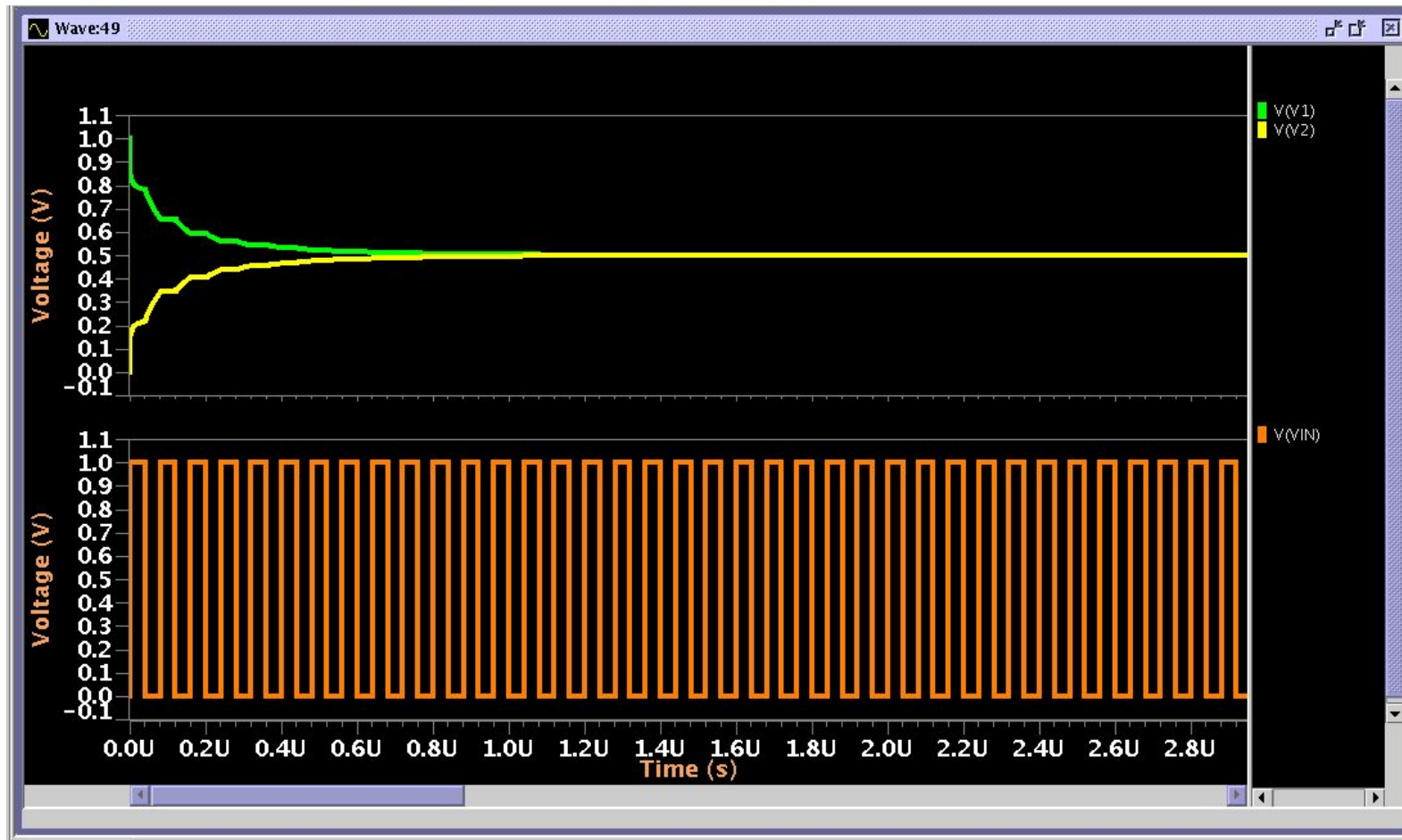


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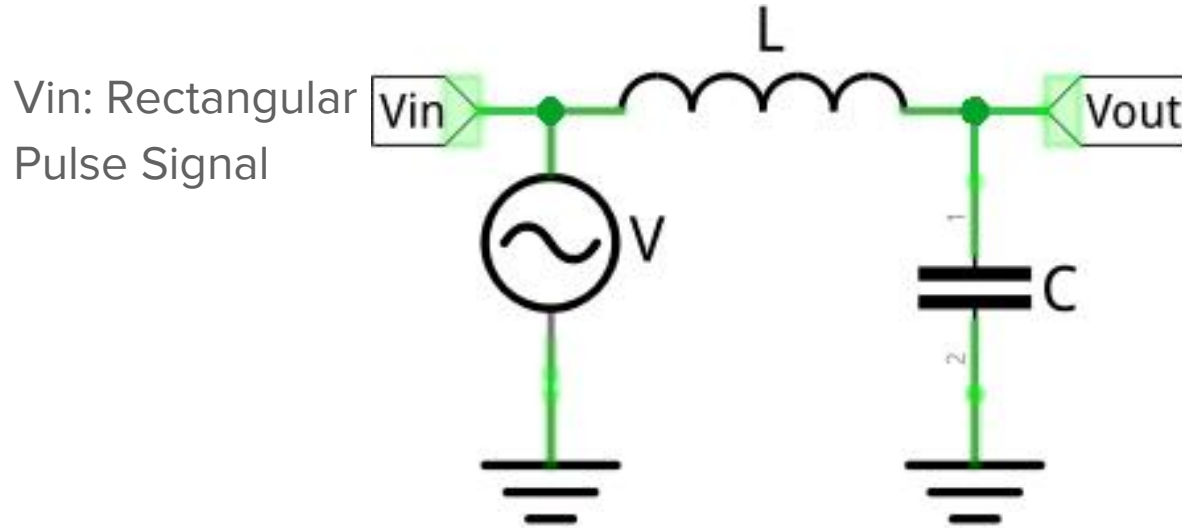
Charge sharing circuit





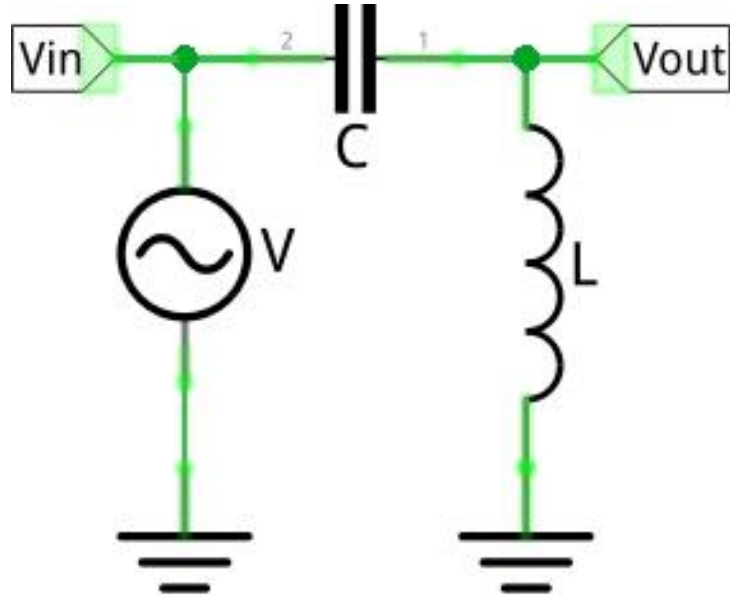
Exercises

Question 1: Simulate



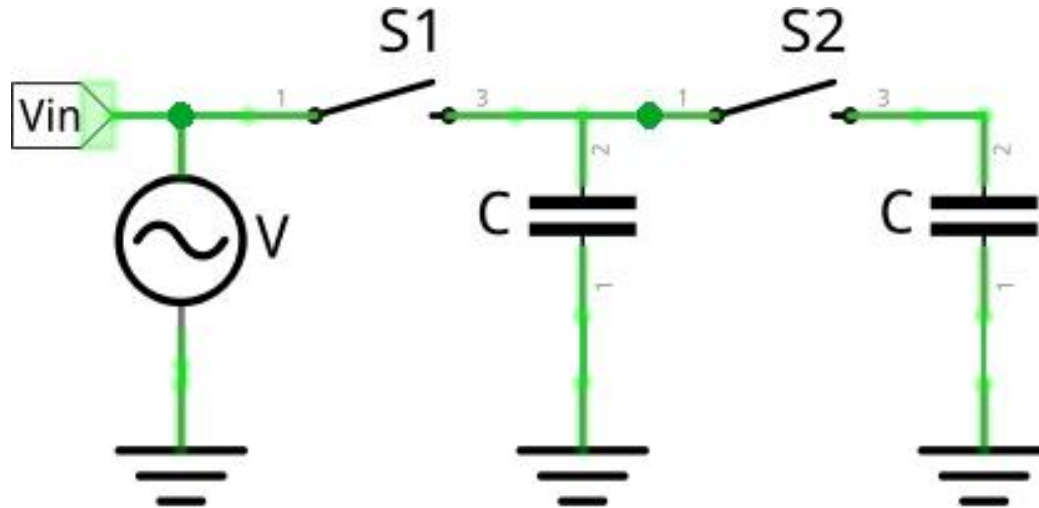
Question 2: Simulate

Vin: Rectangular
Pulse Signal



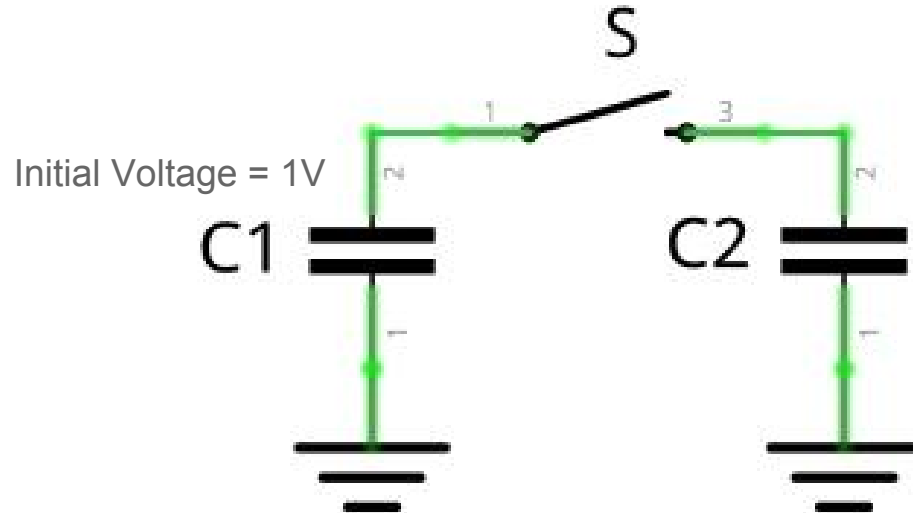
fritzing

Question 3



fritzing

Question 4



fritzing

Thank You
