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OF ENGINEERING**

Power System for Magnetic Field Pulse Generator to Inhibit Preterm Uterine Contractions

Student: Rhitvik Kumawat

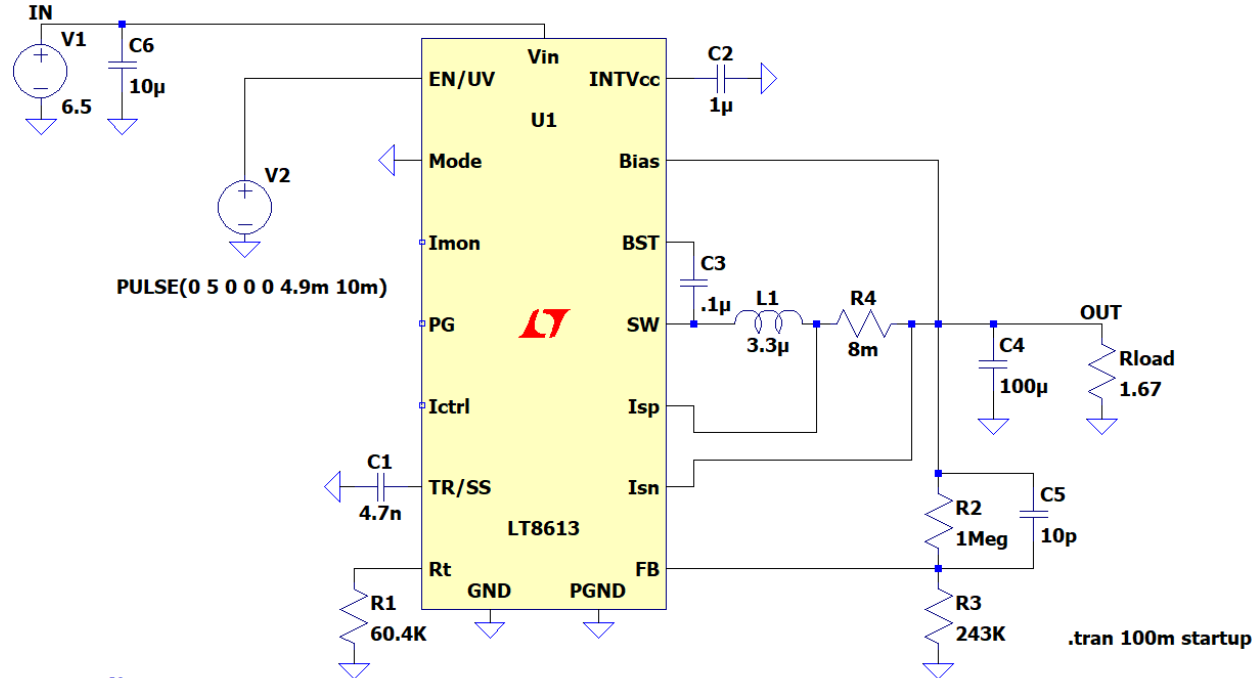
Advisor: Prof. Dariusz Czarkowski

Feb 10, 2019



Basic Idea of Our Design

This is the IC configuration can be employed for our converter if we decide to go with LT8613



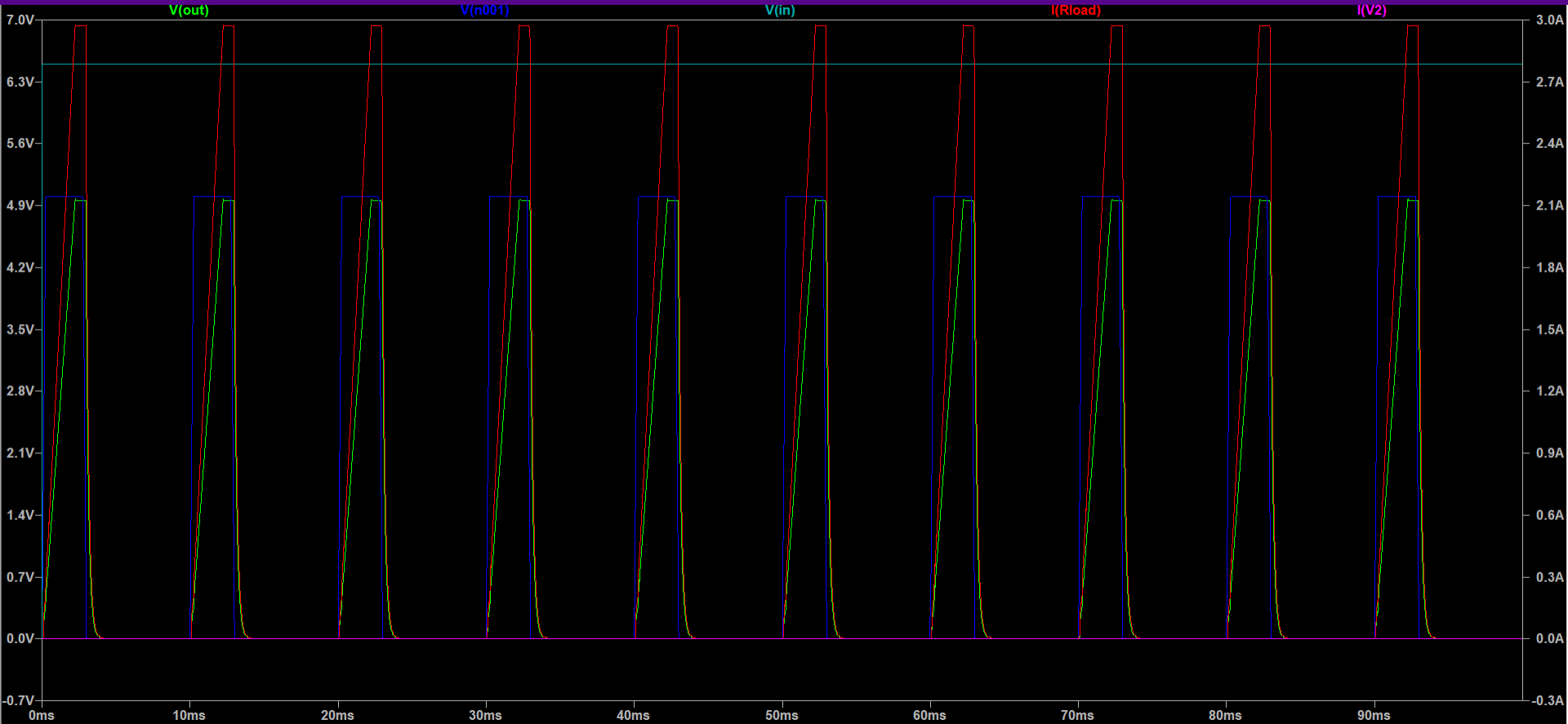
Note:



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Simulation 2.5 ms pulses

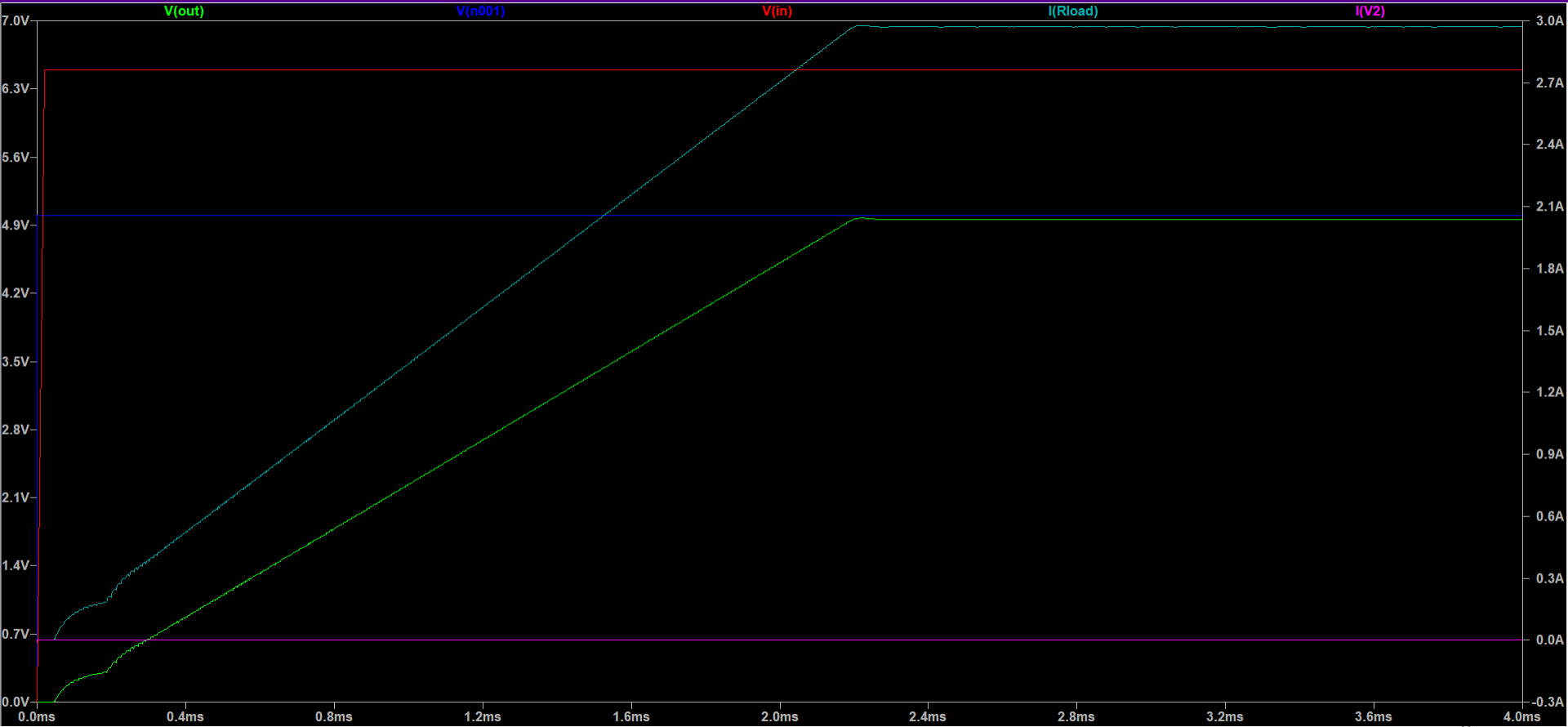




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Simulation 3 ms pulse (initial response)

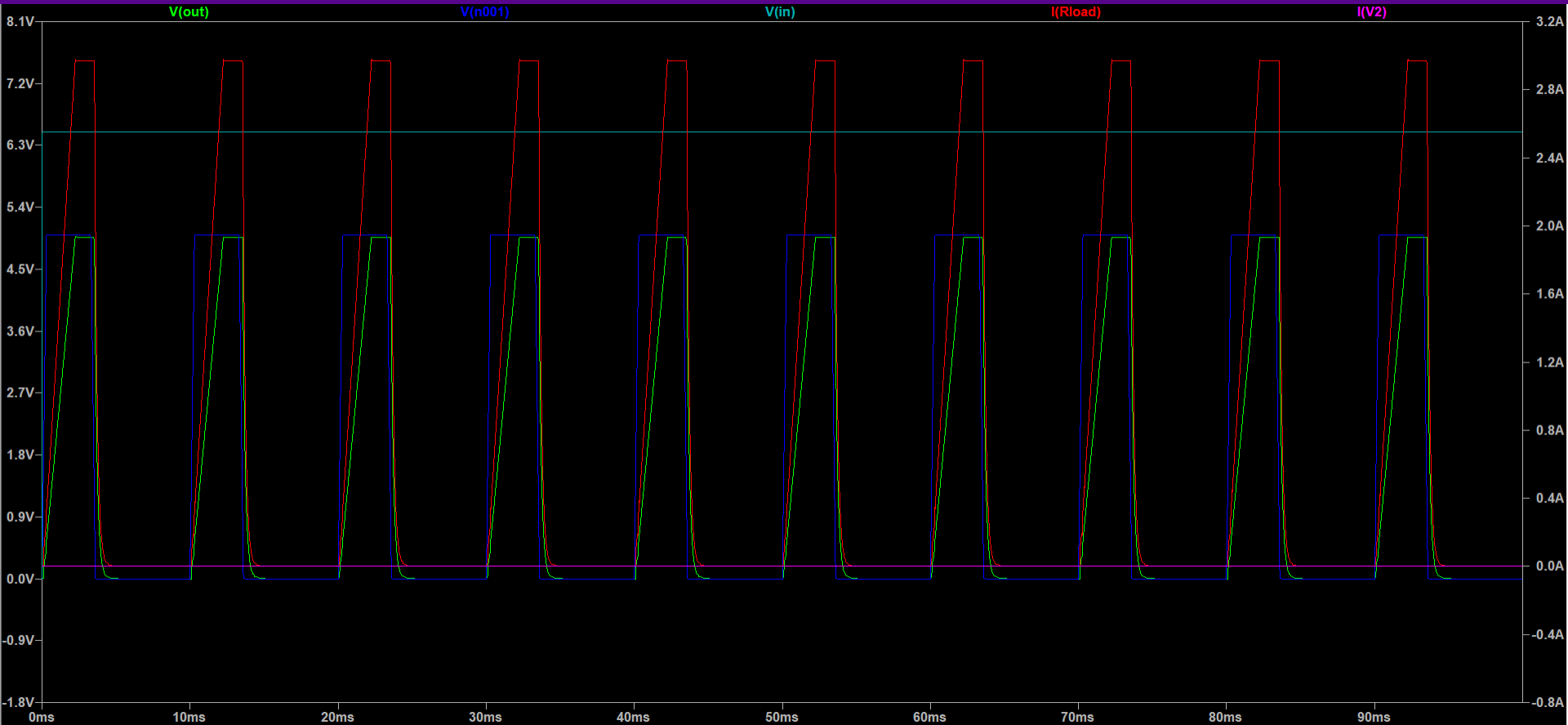




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Simulation 3 ms pulses

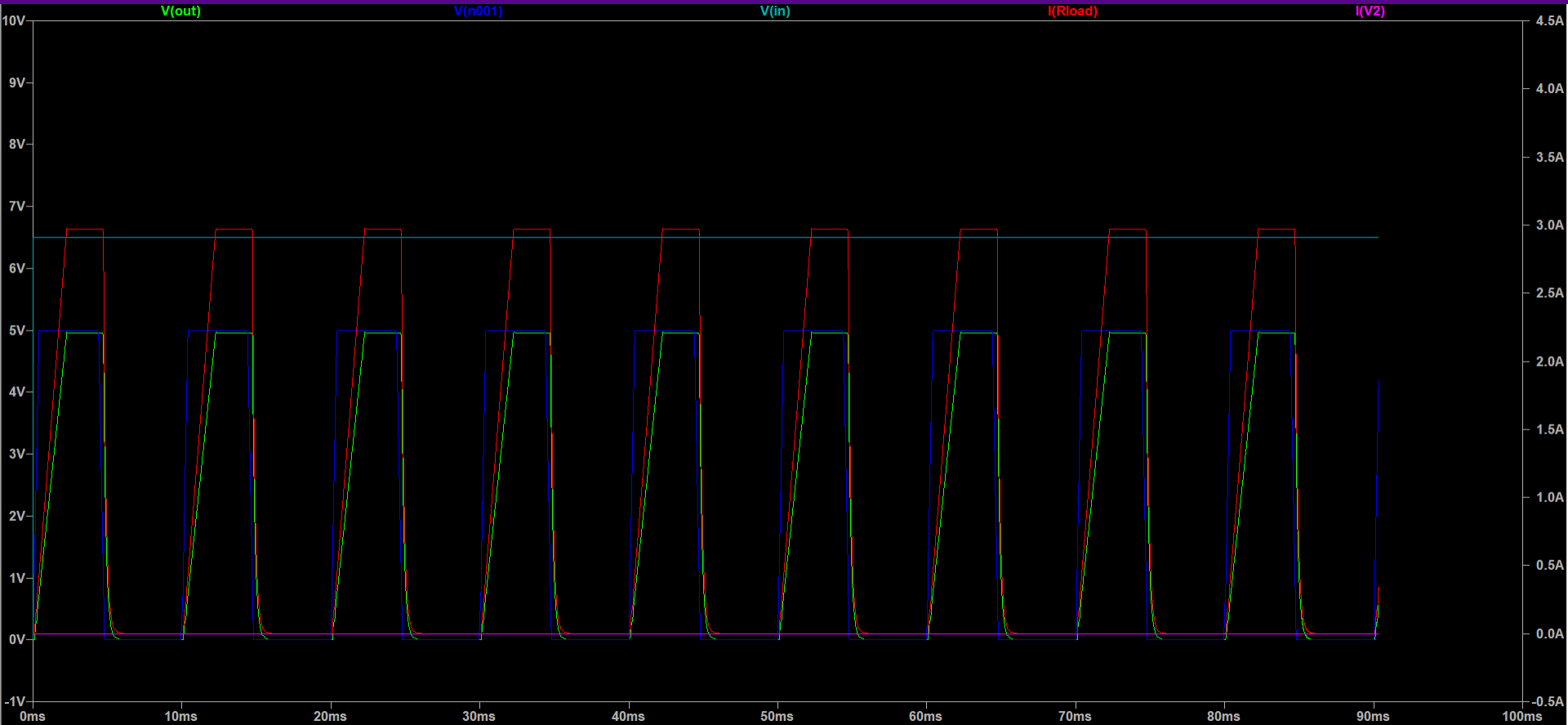




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Simulation 4 ms pulses

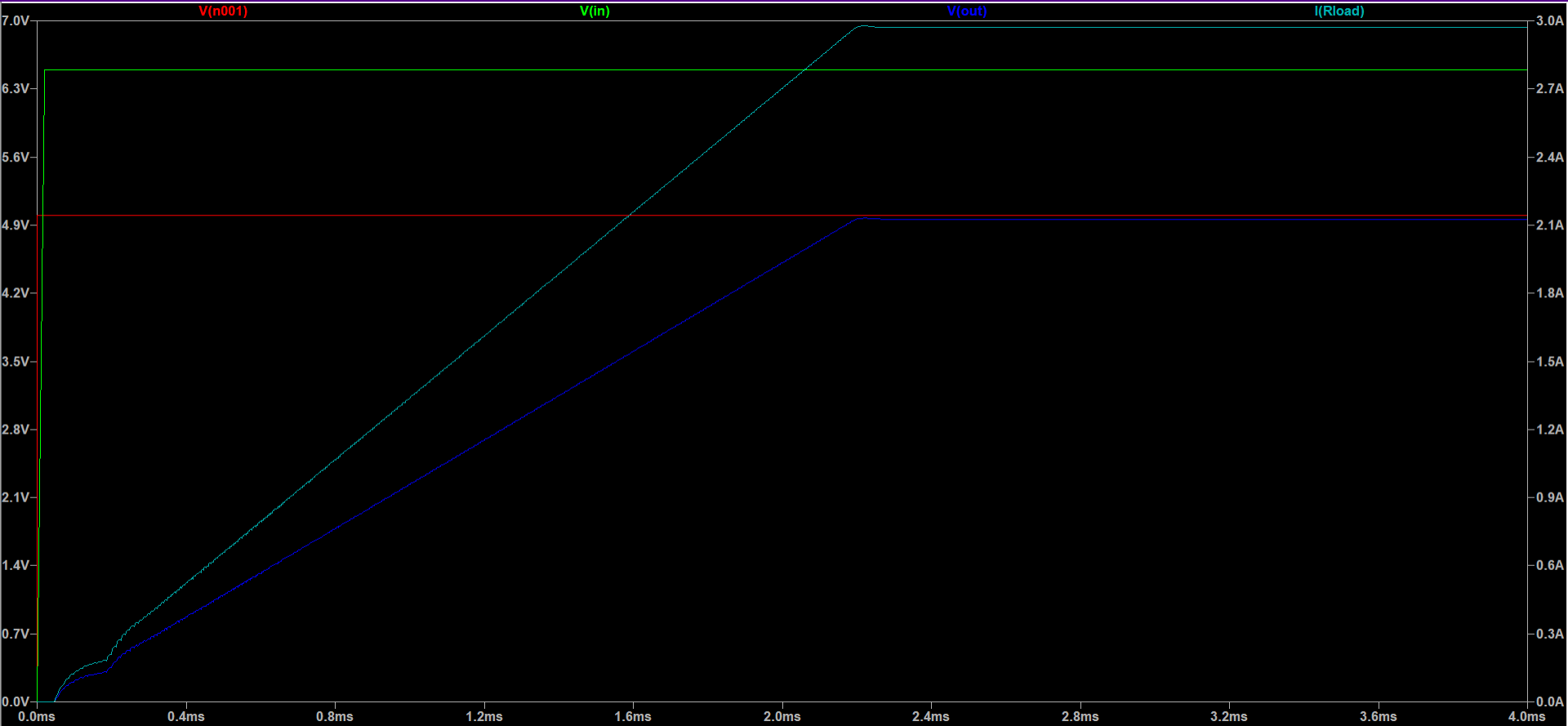




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Simulation 4.9 ms pulse





End of Presentation
Thank you