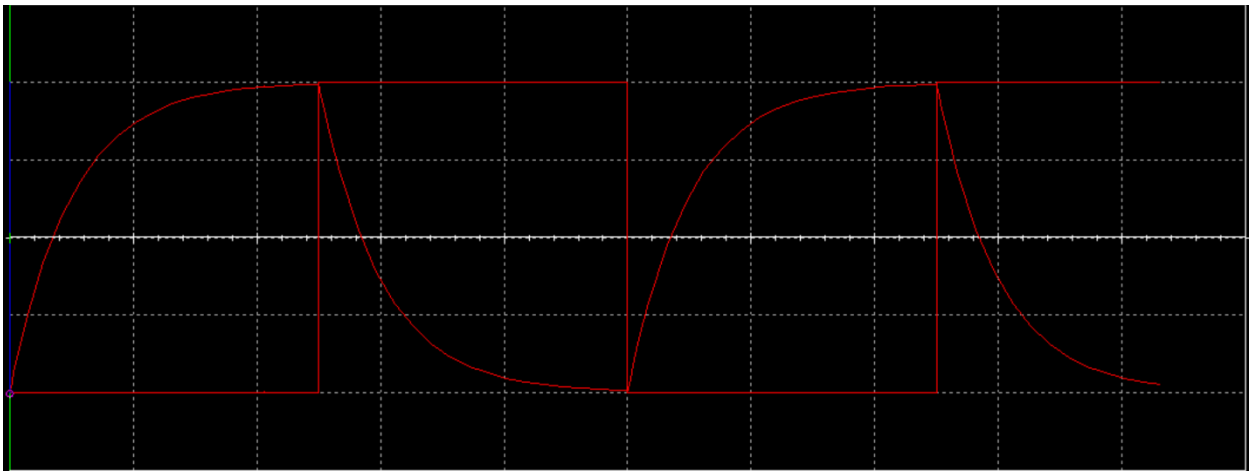
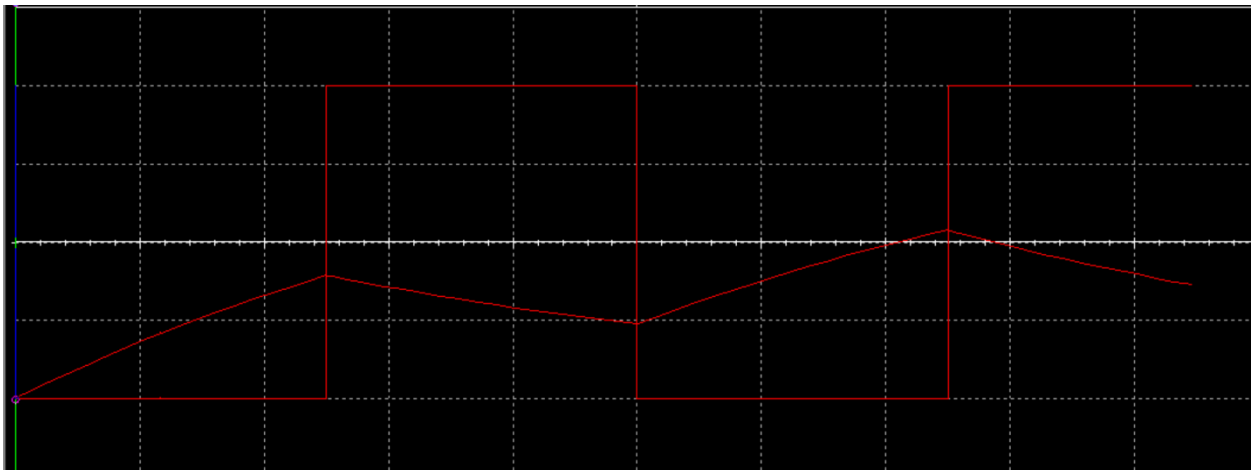
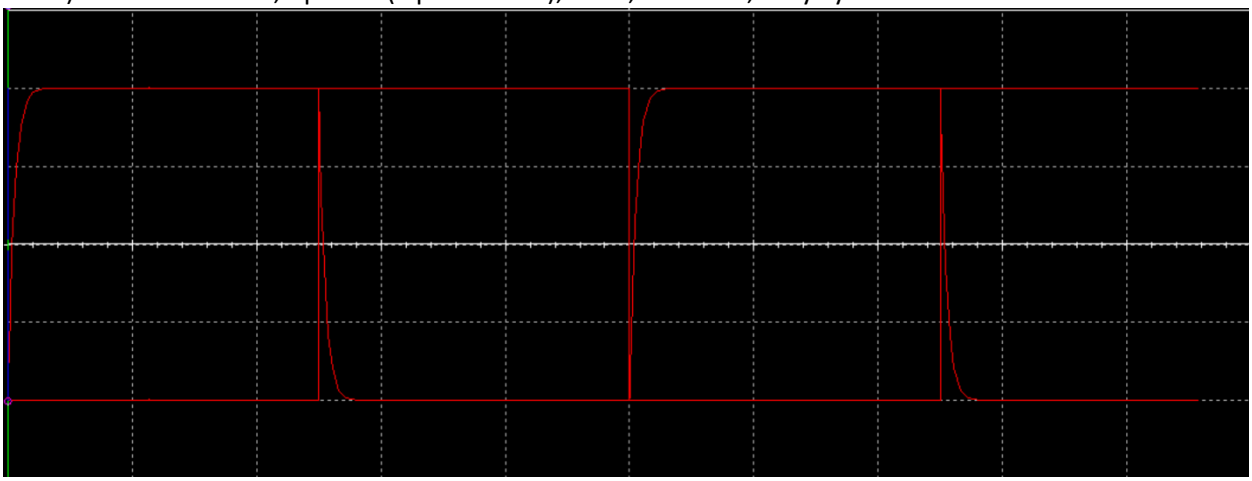
1) Vin: f=100mHz, Vp=10V (square wave), R=10k, C=0.1mF, duty cycle=0.5



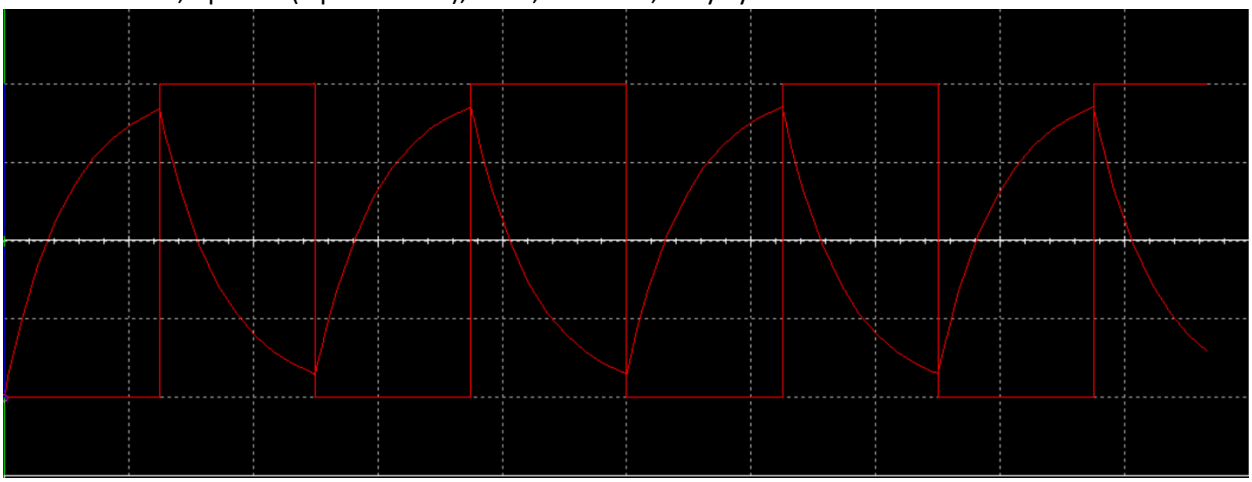
2) Vin: f=100mHz, Vp=10V (square wave), R=100k, C=0.1mF, duty cycle=0.5



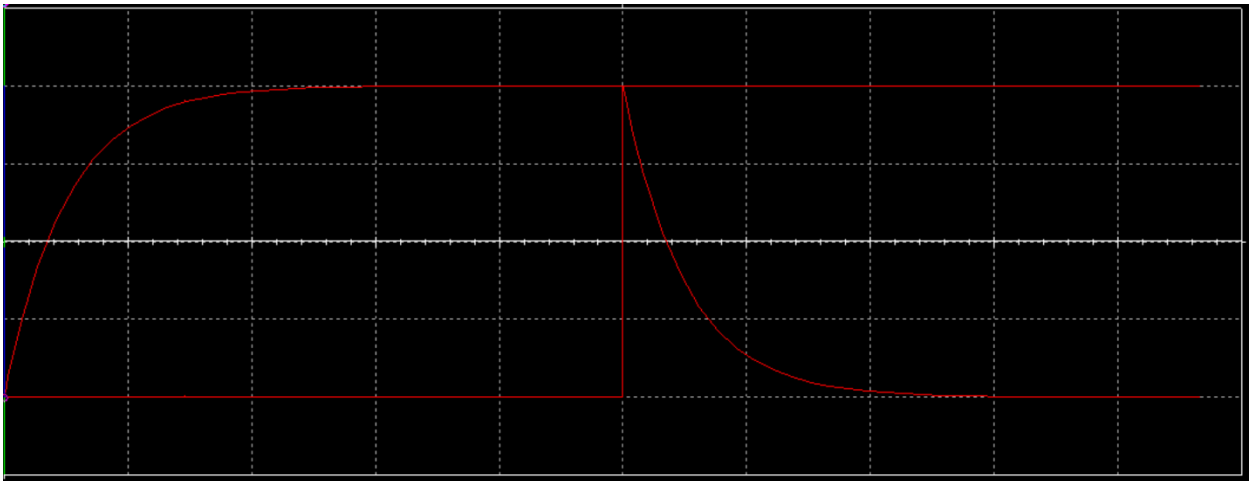
3) Vin: f=100mHz, Vp=10V (square wave), R=1k, C=0.1mF, duty cycle=0.5



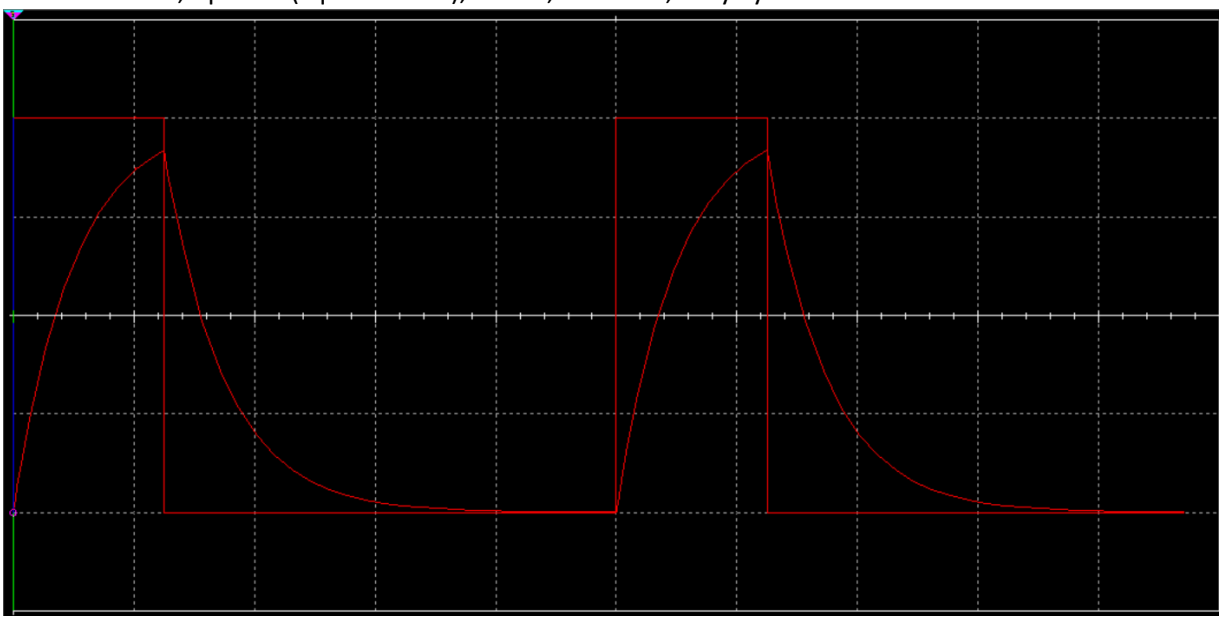
4) Vin: f=200mHz, Vp=10V (square wave), R=1k, C=0.1mF, duty cycle=0.5



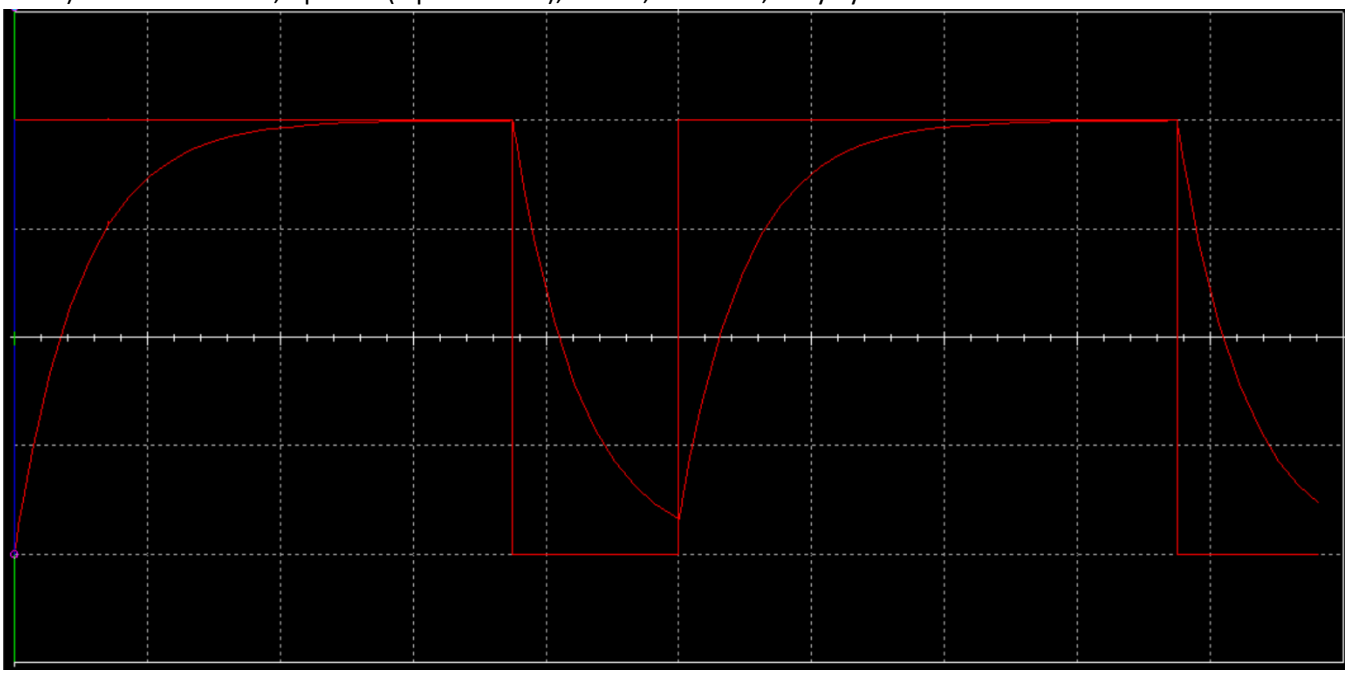
5) Vin: f=50mHz, Vp=10V (square wave), R=1k, C=0.1mF, duty cycle=0.5



6) Vin: f=100mHz, Vp=10V (square wave), R=10k, C=0.1mF, duty cycle=0.25



7) Vin: f=100mHz, Vp=10V (square wave), R=10k, C=0.1mF, duty cycle=0.75



(Scale of the graphs: for all of the plots above, time axis has 2s/division, voltage axis has 5V/division.)

Duty cycle means T_{high}/T as follows:

