

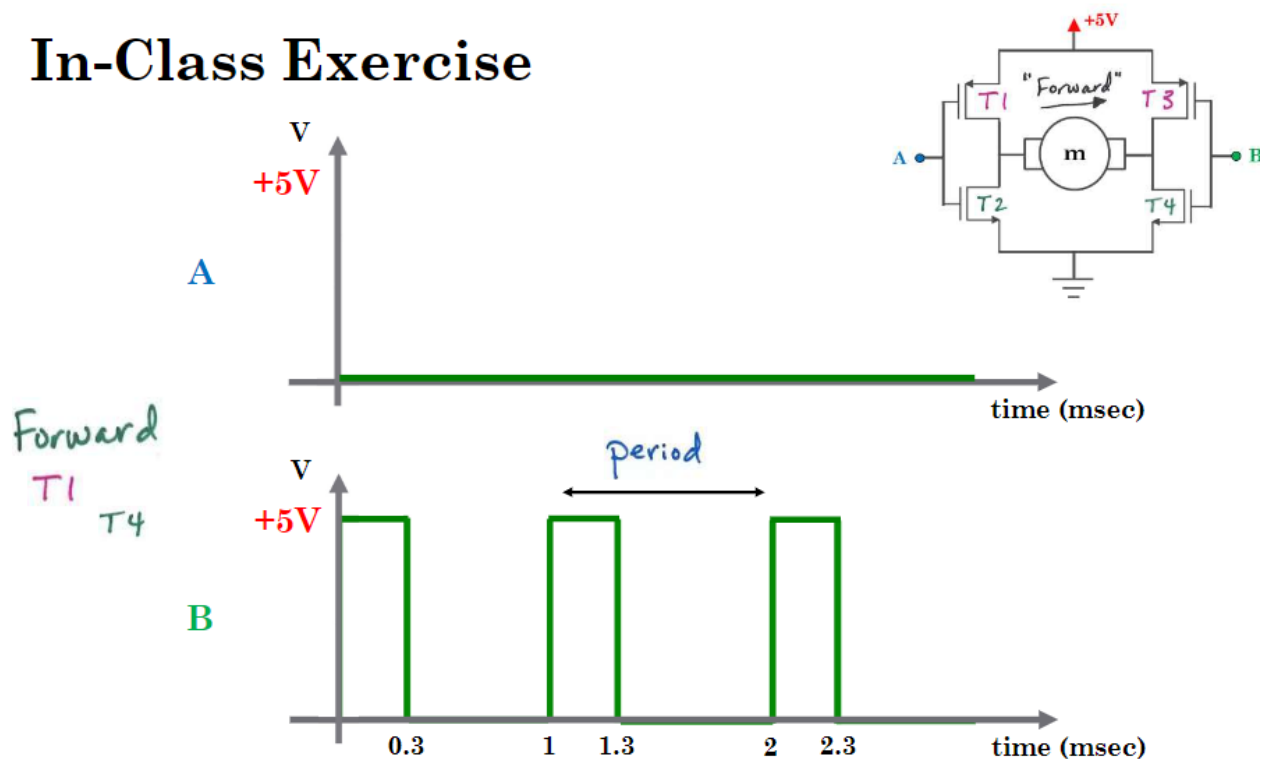
Enpm 809t Assignment 5-

Submitted by – Arpit Maclay

Question#4-

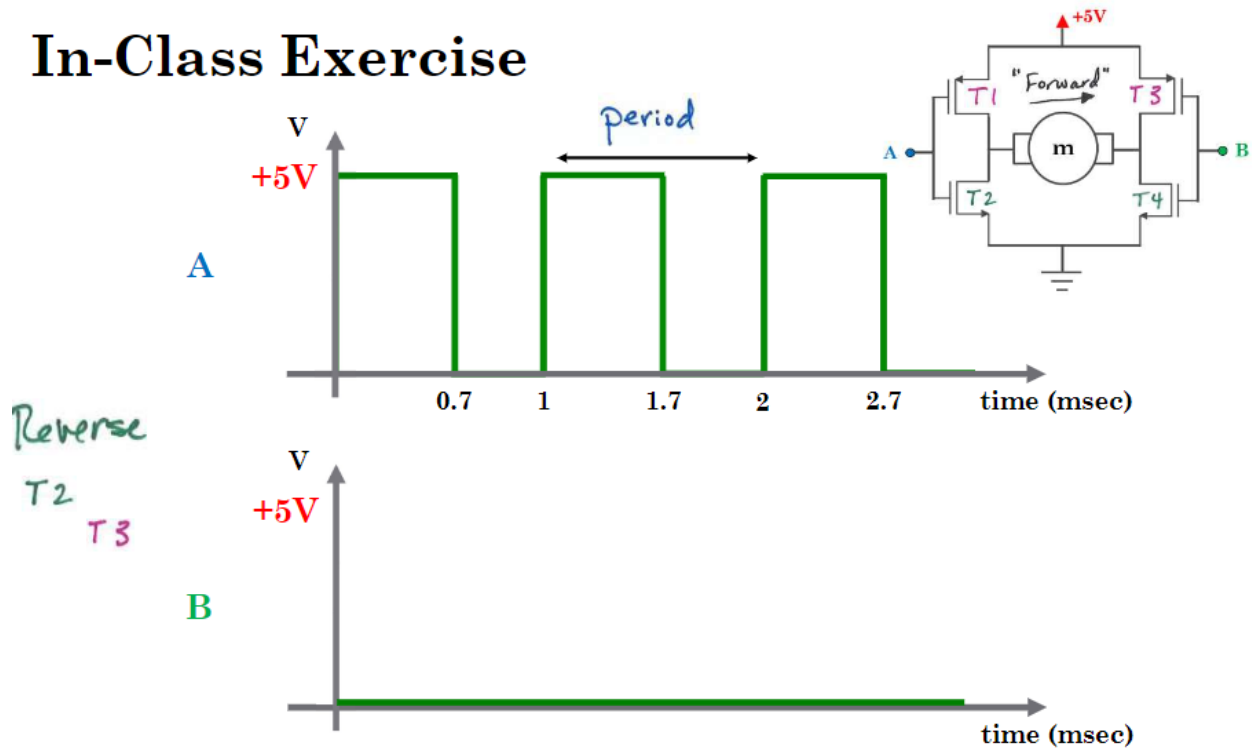
For moving Forward-

In-Class Exercise



In order to move the motor in clockwise direction which is forward movement for the robot, the power is supplied to B and to move the motor at 30 percent of full speed the power is supplied for 0.3 mseconds from a period of 1 msecond since speed is proportional to voltage.

In-Class Exercise



In order to move the motor in anticlockwise direction which is reverse movement for the robot, the power is supplied to A and to move the motor at 70 percent of full speed the power is supplied for 0.7 mseconds from a period of 1 msecond since speed is proportional to voltage.

Link to the youtube video tele operating the ground vehicle with the motorcontrol02.py script-

<https://youtu.be/5CXNLgWme68>