# Project 3: Vehicles chasing each other around a closed course with varying properties

**Redescribe of Project**

In this project, there are two robots and these robots try to catch each other. Then, it which catches other wins. Robots will compete on a road. This road is not regular road. This road has elliptical shape and width of road is variable. The aim of the project is that a robot should approach the other around 5 cm. While a robot tries to catch the other, it should not get out of line. If it is, it will lose the race.

**Interpretion**

In this project, they who control the motor properly will win since if they control the motor properly, robot does not get out of line and robot goes faster. Because of this, I think PID controller should be used well. Also, to distinguish the road, image processing should be used.