Symbol	Value	Meaning
g	9.81 $[m/s^2]$	gravitation
v	10/3.6 $[m/s]$	constant speed of the bicycle
h	0.94 $[m]$	height from ground of the common bicycle-rider center of mass
l	1.11 $[m]$	distance between front and back tire at the point where they touch the ground
r	0.34 $[m]$	radius of a tire
d_{CM}	0.3 $[m]$	vertical distance between the bicycle's and rider's center of mass
c	0.66 $[m]$	horizontal distance between front tire and common center of mass
M_c	15 $[kg]$	mass of the bicycle
M_d	1.7 $[kg]$	mass of a tire
M_r	60 $[kg]$	mass of the rider