Independent study period report.
(ISP 2022)
Research – Gait development for quadruped robot unitreeRobotics A1.

Student: Kovalev Vyacheslav

Research purpose for 10.01.22 – 27.01.22:

(a) Test gait algorithms.
(b) Prepare a software environment for testing on a real robot.

Work Results

Date	Results
10.01 – 14.01	Tested basic gaits in PyBullet simulation. Performed literature research.
17.01 – 21.01	Installed ROS environment for real robot simulation: Installed Ubuntu (18.04). Created a special environment for Cmake files. Rebuilt all files, for the current machine.
24.01 – 28.01	Completed course introduction in robotics with ROS. Learned ROS protocol for future development based on ROS.