BACHELOR'S THESIS ASSIGNMENT

I. Personal and study details

Student's name: **Mateo Dubrovsky David** Personal ID number: **483957**

Faculty / Institute: **Faculty of Mechanical Engineering**

Department / Institute: **Department of Instrumentation and Control Engineering**

Study program: **Bachelor of Mechanical Engineering**

Branch of study: **Information and Automation Technology**

II. Bachelor's thesis details

Bachelor's thesis title in English:

Stabilized driving platform

Bachelor's thesis title in Czech:

Stabilizovaná pojízdná plošina

Guidelines:

Tasks:
1) Mechanical design (all parts). Parts can be 3D printed
2) Electronics. The robot will be controller with an Arduino
3) Programming - make the plarform move

Bibliography / sources:

Bishop O.: Robots builders cookbook: Build and desing your own robots, 1st edition, Newnes, 2007, ISBN 978-0750665568

Name and workplace of bachelor's thesis supervisor:

doc. Ing. Martin Novák, Ph.D. Division of electrotechnics FME

Name and workplace of second bachelor's thesis supervisor or consultant:

Date of bachelor's thesis assignment: **27.10.2022** Deadline for bachelor thesis submission: **26.01.2023**

Assignment valid until: _____

doc. Ing. Martin Novák, Ph.D.
Supervisor's signature

Head of department's signature

doc. Ing. Miroslav Španiel, CSc.
Dean's signature

III. Assignment receipt

The student acknowledges that the bachelor's thesis is an individual work. The student must produce his thesis without the assistance of others, with the exception of provided consultations. Within the bachelor's thesis, the author must state the names of consultants and include a list of references.

27.10.2022
Date of assignment receipt

Student's signature