Budapest University of Technology and Economics

Faculty of Mechanical Engineering

Department of Fluid Mechanics

http://www.ara.bme.hu/

FINAL PROJECT ASSIGNMENT

Publicly Available

Identification

Name: **Symoukda Anousa**		ID: **73612083327**	
Code of the Curriculum: 2NAAG0		Specialisation:	Document ref. number:
Curriculum: Bachelor of Science Degree Program in Mechanical Engineering		2NAAG0-PE	GEÁT:2024-1:2NAAG0:CKF8YU
Final Project issued by: Department of Fluid Mechanics		Final exam organised by: Department of Fluid Mechanics	
Supervisor: Dr. Balogh Miklós (71427777405), assistant lecturer			

Project Description

Title

Application of neural networks in wind climate studies
Neurális hálózatok alkalmazása szélklíma vizsgálatokban

Details

1)Literature survey

2)Data collection for training and testing

3)Selection of the required software environment

4)Implementation and application on a specific case

5)Sensitivity analysis

6)Finding correlations

7)Summarizing the work in the final thesis

Advisor

Advisor's Affiliation:

Advisor: --

Final Exam

1st subject (group)	2nd subject (group)	3rd subject (group)
ZVEGEVGBX01 Fluid Machinery	**ZVEGEÁTBG11** Fluid Mechanics	**ZVEGEVGBG13** Fluid Flow Technology

Authentication

Handed out: 4 September 2023		Deadline: 8 December 2023	
Compiled by: Dr. Balogh Miklós (71427777405) Supervisor		Verified by: *Dr. János Vad* (signed) Head of Department	Approved by: *Dr. Gábor Györke* (signed) Vice-Dean

The undersigned declares that all prerequisites of the Final Project have been fully accomplished. Otherwise, the present assignment for the Final Project is to be considered invalid.

………………………………………..
Symoukda Anousa