

Department of Fluid Mechanics

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FINAL PROJECT ASSIGNMENT

Publicly Available

_	Name	e: Zuba Péter	ID: 74400602488				
Identification	Code of the Curriculum: 2N-MW0		Specialisation:	Document ref. number:			
	Curriculum: Gépészeti modellezés mesterképzési szak		2N-MW0-FM	GEÁT:2023-2:2N-MW0:F8K9KC			
	Final Project issued by:		Final exam organised by:				
	Department of Fluid Mechanics		Department of Fluid Mechanics				
	Super	visor: Dr. Benedek Tamás (76511246251), assis	stant professor				
	Title	Application of vortex detection method in turbomachinery simulations					
Project Description	Details	 Örvénydetektáló módszer alkalmazása forgógép-szimulációkban Assignments of the MSc Thesis Project A: Conduct a literature review regarding the topic! Run 2D simulations with different inlet parameters! Use a vortex detection algorithm obtained from the literature! 					
	Adv	Auvisor, baint LENDVAL, FID student					

_	1 st subject (group)	2 nd subject (group)	3 rd subject (group)	4 th subject (group)
Final Exam	ZVEGEÁTNW02 Computational Fluid Dynamics	ZVEGEÁTNW03 Fluid Mechanics Measurements	ZVEGEÁTNW19 Vehicle Aerodynamics	ZVEGEÁTNW08 Building and Environmental Aerodynamics

	Handed out: 27 February 2023		Deadline: 2 June 2023	
	Compiled by:	Verified by:		Approved by:
	Dr. Benedek Tamás (76511246251) Supervisor	<i>Dr. János Vad</i> (signed) Head of Department		Dr. Gábor Györke (signed) Vice-Dean
Authentication	The undersigned declares that all prerequisites of the Final have been fully accomplished. Otherwise, the present assignment the Final Project is to be considered invalid.			