Prof. Dr. Isabel Valera

Exam, August 3, 2021, Duration: 2 hours



ML Exam Instructions

- 1. Download your exam from "https://gitlab.cs.uni-saarland.de/bornas/mlexam/-/raw/master/<matriculation #>.zip", e.g., "https://gitlab.cs.uni-saarland.de/bornas/ml-exam/-/raw/master/123456789.zip" for the matriculation # '123456789'.
- 2. Un-Zip (i.e., decompress) the exam using as password your CMS username, e.g., 'Isabel'. Your username can be found in CMS (https://cms.sic.saarland/ml/), PERSONAL STATUS -> PERSONAL DATA -> USERNAME.
- 3. Please verify if that the question booklet PDF consists of <u>4 PROBLEMS</u> and <u>6 PAGES</u>, and that all questions are readable, else contact the examiners immediately. At maximum, you can earn <u>40 POINTS</u>.
- 4. Submit your solutions to each problem separately to the CMS (in https://cms.sic.saarland/ml/submissions you can find the submission portals for each of the four problems). For each problem (and thus submission) you are only allowed to submit one PDF file with all your answers for that problem. So please indicate clearly the question that each question corresponds to in the PDF.
- 5. Submit the filled "ML Exam Overview" on the next page to the CMS submission portal 'ML Exam Overview' (https://cms.sic.saarland/ml/submissions). If filling up the PDF is not technically possible for you, simply copy the document by hand, and scan and submit it.
- 6. You are allowed to write your solutions and derivations on paper using a black or blue pen. You may use plain or lined paper. As it often causes readability issues when digitized, we do not allow squared paper. You are also allowed to write your solutions digitally—for example using LaTeX, Word, or a notepad app on your tablet.
- 7. The exam is planned for <u>2 hours</u>. You have <u>until 16:15 hours</u> to write your answers, until 16:30 to raise your potential technical issues, and <u>until 17:00</u> to submit the final version of your solutions (grading will be performed on this one). CMS allows for updating your submission several times, as long as this happens before the deadline. Solutions must be handed in on time. Late or unreadable submission will not be graded.
- 8. This is an open-book exam. You <u>are</u> allowed to consult the books, slides, and lectures while writing it. If you use external resources, properly cite them. You are not allowed to consult others. Plagiarism is not condoned.
- 9. For any question approach the examiners via the Zoom link: https://cs-uni-saarland-de.zoom.us/j/95689761541?pwd= ZOcyMHU2OUEvM2pwSVZuV3pIcWtZQTO9
- 10. We will additionally keep track of main Q&A in the document: https://docs.google.com/document/d/18nQR1ia-QoDFisum57zEa2dghb2ZYxwBzr_JfkAEqUA/edit?usp=sharing

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ML Exam Overview Submit to "ML Exam - Overview"

Name:		
Matriculation number:		_

Code of conduct. Hereby, I certify that I have written this examination on my own and that I have not used any aids other than those indicated. The passages that are taken from other works (also applies to works from electronic databases or from the internet), either verbatim or in spirit, have been marked with an indication of the source and compliance with the rules of scientific citation. This assurance also includes pictorial representations, tables and supplied drawings used in the examination. I am aware that any deception will be punished according to the study and examination regulations applicable to me.

Place			Signature						
Problem	a	b	С	d	e	f	Total	Max	
1								10	
2								10	
3								10	
4								10	
						Σ		40	

Table 1: Mark with a cross the lower triangles of those exercises for which you have submitted a solution via CMS.