

Artificial Intelligence

Prof. Dr. Ronny Hartanto

Study Material prepared by Krauledat/Hartanto

Contact Details

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Office hour: Thursday, 10:00 - 11:30 or by appointment

Safety Rules

Time of Lecture / Exercise

Lecture 2 hours/2 week (1 CH)

Friday 10:00 - 10:30

Room 08 01 004

Moodle

- Where?

<http://moodle.hochschule-rhein-waal.de/>

Faculty of Technology and Bionics / Fakultät
Technologie und Bionik /

- ▶ Bionics / Biomimetics (M.Sc.) /
- ▶ M_BB_E Elective Courses (Block E) /
- ▶ M_BB_E_1 Computation and Modelling /
- ▶ M_BB_E_1.2 Artificial Intelligence /
- ▶ *AI WS 2017/18*

- Enrolment key: **Ai#2017**

Literature

- "Artificial Intelligence – a modern approach" (3rd ed.), Russel/Norvig, Pearson 2010
- "Neural Networks for Pattern Recognition", Bishop, Oxford University Press 1995
- "Pattern Classification" (2nd ed.), Duda/Hart/Stork, Wiley 2001
- Coursera online course, Ng, Stanford University
<https://class.coursera.org/ml-006/lecture>

Organization

How do I pass this module?

- The course is part of the module "Computation and Modelling"
- Written exam at the end of the term: 48 points for the part "AI" (out of 120).

Time Schedule

Week	Date	Topic*
41	13.10.2017	
42	20.10.2017	Kick-Off, Introduction to AI
43	27.10.2017	
44	3.11.2017	EHEF (no class)
45	10.11.2017	
46	17.11.2017	Introduction to Machine Learning
47	24.11.2017	
48	1.12.2017	Bayesian Classifiers
49	8.12.2017	
50	15.12.2017	Supervised Learning
51	22.12.2017	
52	29.12.2017	Christmas break / Lecture free
1	5.1.2018	Christmas break / Lecture free
2	12.1.2018	Introduction to Neural Network
3	19.1.2018	
4	26.1.2018	Lab Session Neural Network
5	2.2.2018	

* Topic might change