Fuzzy Systems
Organizational Matters

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Faculty of Computer Science
Department of Knowledge Processing and Language Engineering
About me: Rudolf Kruse

In 1979 diploma in mathematics (minor computer science) at TU Braunschweig
Dissertation there, in 1980, Venia Legendi in 1984
2 years full-time employee at Fraunhofer Institute
In 1986 offer of professorship for computer science at TU Braunschweig
Since 1996 professor at the University of Magdeburg

Research: data mining, explorative data analysis, fuzzy systems,
neuronal networks, evolutionary algorithms, Bayesian networks
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Office: G29-008, telephone: 0391 67-58706
Consultation: Wednesdays, 10 a.m. – 11 a.m.
About the working group Computational Intelligence

Teaching:
- Intelligent Systems Bachelor (2 V + 2 Ü, 5 CP)
- Evolutionary Algorithms Bachelor (2 V + 2 Ü, 5 CP)
- Neuronal Networks Bachelor (2 V + 2 Ü, 5 CP)
- Fuzzy Systems Master (2 V + 2 Ü, 6 CP)
- Bayesian Network Master (2 V + 2 Ü, 6 CP)
- Intelligent Data Analysis Master (2 V + 2 Ü, 6 CP)

Seminars: Clustering Algorithms, Classification Algorithms

research examples:

- Analysis and simulation of natural neural networks (C. Braune)
- Decision theory / heuristics (C. Doell)
- Analysis of social networks (P. Held)
About the lecture

Lecture dates: Wednesday, 11:15 a.m. – 12:45 a.m., G29-K059
Lecture end: 27th of January 2015
Information about the course:
Weekly lecture slides as PDF
Also assignment sheets for the exercise
Important announcements and dates!
About the exercise

Active participation and explanations of your solutions
Tutor will call attention to mistakes and answer questions
Pure “calculations” of sample solution is not the purpose
Tutor: Christoph Doell mailto:doell@iws.cs.uni-magdeburg.de
Office: G29-013, telephone: 0391 67-58182
Consultation: when the door of his office is open and he is inside :-)
First assignment due 21st of October 2015 (next week!!!)
On wednesdays, 9:15 a.m.–10:45 a.m., G29-K059 (right before the lecture)
Conditions for Certificate ("Schein") and Exam

No matter if certificate or exam, everybody has to...

contribute well in the weekly exercises,
present $\geq 2$ solutions to written assignments during exercises,
tick off $\geq 50\%$ of all written assignments,
submit $\geq 2$ implementations of programming assignments,
pass exam: oral ($\approx 25$ minutes) or written (if $\geq 20$ students).

For diploma students: 2 conditions change:
tick off $\geq 66\%$ of all written assignments,
pass colloquium ($\approx 10$ min.) or written test (if $\geq 20$ students).