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 Bachelor (2 V + 2 Ü, 5 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:

- Validation of Density-based Clustering (C. Braune)
- EEG Analysis with Deep Neural Networks (C. Doell)
- Analysis of Social Networks (P. Held)
About the lecture

Lecture dates: Mondays, 3:15 p.m. – 4:45 p.m., G29-E037
Lecture end: 30th of January 2017
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@ovgu.de
Office: G29-013, telephone: 0391 67-58182
Consultation: when the door of his office is open and he is inside :-)
First assignment due 25th of October 2016 (in two weeks)
On tuesdays, 1:15 p.m. – 2:45 p.m., G29-K059
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 written exam.

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