INF FAKULTÄT FÜR INFORMATIK

Fuzzy Systems

Organizational Matters

Prof. Dr. Rudolf Kruse **Christoph Doell**

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Otto-von-Guericke University of Magdeburg
Faculty of Computer Science
Institute of Intelligent Cooperating Systems

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:

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:

`http://fuzzy.cs.ovgu.de/wiki/pmwiki.php?n=Lehre.FS1617`

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 ≥ 2 solutions to written assignments during exercises,

tick off $\geq 50\%$ of all written assignments,

submit ≥ 2 implementations of programming assignments,

pass written exam.

For diploma students: 2 conditions change:

tick off $\geq 66\%$ of all written assignments,

pass colloquium (≈ 10 min.)