Fuzzy Systems
Organizational Matters

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Faculty of Computer Science
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About me: Rudolf Kruse

- in 1979 diploma in mathematics (minor computer science) at TU Braunschweig
- there dissertation 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, 11 a.m. – 12 noon
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 / neural networks (C. Doell)
- Analysis of social networks (P. Held)
About the lecture

- lecture dates: thursdays, 1:15 p.m.–2:45 p.m., G29-K059
- lecture end: 29 January 2015
- information about the course:
  weekly lecture slides as PDF
  also assignment sheets for the exercise
  important announcements and date!
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
consultation: when the door of his office is open and he is inside :-) 
first assignment due 23 October 2014 (next week!!)
thursdays, 3:15 p.m.–4:45 p.m., G29-K059 (right after 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 $> 20$ students).

For diploma students: 2 conditions change:

- tick off $\geq 66\%$ of all written assignments,
- pass colloquium ($\approx 10$ min.) or written test (if $> 20$ students).