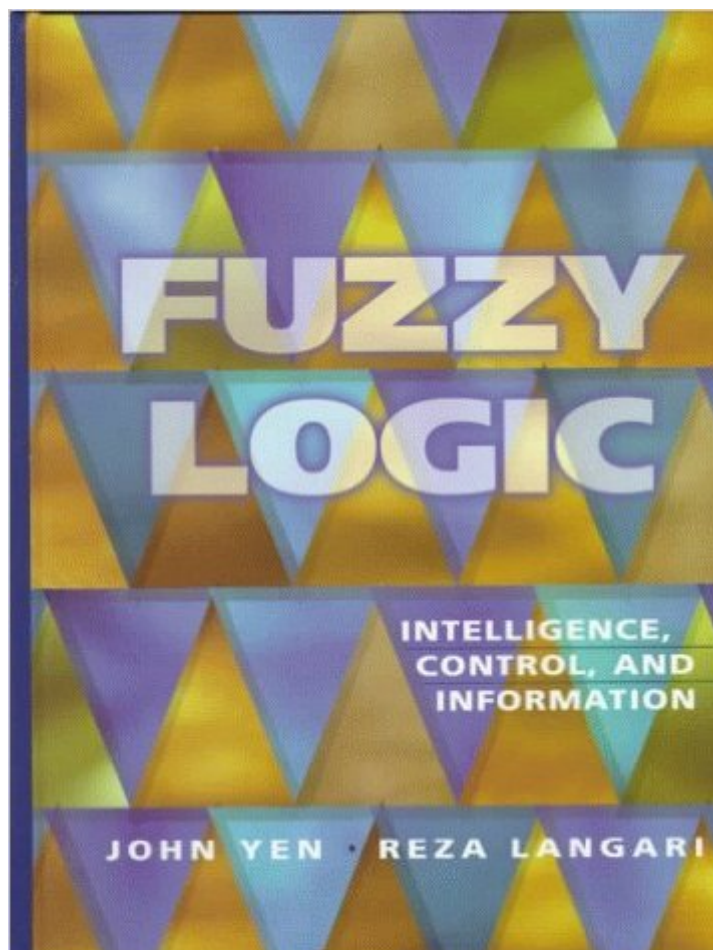# Fuzzy Logic: Intelligence, Control, And Information

Synopsis

Highlights motivations and benefits of employing fuzzy logic in control engineering and information systems.   Providing equal emphasis on theoretical foundations and practical issues, this book features fuzzy logic concepts and techniques in intelligent systems, control, and information technology. Uses Fuzzy Logic Toolbox for MATLABâ„¢ to demonstrate exemplar applications and to develop hands-on exercises.   Introduces the connection between fuzzy logic and related ideas, methods, and theories developed in other disciplines (e.g., artificial intelligence, probability theory, control, model identification, etc.).

Book Information

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Average Customer Review: 2.8 out of 5 starsÂ Â See all reviewsÂ (5 customer reviews)

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Customer Reviews

The book has a lot of errors in it -- some like errors in numbering the problems, are totally inexcusable.The authors seem to lack a definite approach to teaching Fuzzy Logic. I felt that the book is a whole bunch of (useful) information dumped in front of the reader, and its upto the reader to figure out how the pieces fit together.There are some topics which need deeper explanations. There are also places where the authors show some concepts, totally assuming that the reader understands the mathematical relations shown.If you want to buy this book, I suggest you wait for the next edition! I sincerely hope that it will be better.

As a graduate student who had to buy and use this book for a class, I strongly discourage using this book for teaching or for beginners to fuzzy logic. The problems created from the errors in problems

and theorms causes more difficulty than working the actual problems.I would have given this book two stars, except for the fact that there are not nearly enough examples to complement the theorms. Neglecting examples and leaving the reader with just a long algorithm (which may or may not have typos) is fine for a reference, but not for a book that presents these concepts to the novice.I consider this book $95 not well spent.

I'd have given it 0 star if that's an option. It's full of errors, "cryptic" sentences encoded in the authors' proprietory RSA encryption algorithm, and "core dumped" information. Can't believe that Prentice Hall would publish such junk.

I think this is a serious Fuzzy Logic book for the seriousgraduate students. In other words, it is not a 'Fuzzy Logicfor Dummies'! It is clear and complete. I could learn Fuzzy Logic from this book without any problem in two weeks. There are several errors in the book. However, they are obvious and easy to find. Therefore, they did not disturb me at all.By the way, examples are useful, and lastly, Chapter 2 is perfect to give the overvall concepts about fuzzy logic. If you have a CS/CENG background, I strongly suggest this book.

First of all, I will agree with the other readers that this book has a number of typos; it probably also has too few examples to be used as an undergrad or first year grad student text. However, as an advanced grad student who needed a good reference on some of the foundational results in fuzzy logic, it was just what I needed. The important results are all there, with references to where you can go in the literature to learn more. I would love to see a second edition of this book with the typos fixed and some new research results, however.

Fuzzy Logic: Intelligence, Control, and Information Fuzzy Sets and Fuzzy Logic: Theory and Applications Fuzzy Logic for the Management of Uncertainty Communicating With Intelligence: Writing and Briefing in the Intelligence and National Security Communities (Security and Professional Intelligence Education Series) Trading on the Edge: Neural, Genetic, and Fuzzy Systems for Chaotic Financial Markets Neuro-Fuzzy Pattern Recognition: Methods in Soft Computing Emotional Intelligence: Develop Absolute Control Over Your Emotions and Your Life For Everlasting Success (Emotional Mastery, Fully Control Emotions) Historical Dictionary of Ian Fleming's World of Intelligence: Fact and Fiction (Historical Dictionaries of Intelligence and Counterintelligence) Emotional Intelligence: Master Your Emotions- Raise Your EQ, Critical

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