

Chapter 5

Conclusion

In the book, the author has collected his basic results related to intuitionistic fuzzy logics. He hopes that the book will motivate the fuzzy and intuitionistic fuzzy community for future research and development of this area of the Zadeh's fuzzy world.

The author's plans for the near future are related to the extensions of the intuitionistic fuzzy sets and logics, such as interval-valued intuitionistic fuzziness, intuitionistic L -fuzziness, intuitionistic fuzziness of type 2 and n , etc.

During last years, some new types of sets, that are completely identical with the intuitionistic fuzzy sets were introduced, under other names. The author cannot see anything positive in that: practically, these attempts do not develop the existing research over intuitionistic fuzziness; they only increase the terminological chaos. As it is seen in the book, now, there is a long list of open problems that are waiting for their solutions. Therefore, instead of reinventing the wheel and introducing older objects under new names, it will be better if we all work on solving these open problems, and formulate new ones.

This being said, the author is optimist about the future of the intuitionistic fuzziness.