Assignment 8

The due date for submitting this assignment is April 20, 2023, 23:59 IST. 

Assignment 8

1. Identify the following properties that are not valid for fuzzy sets in comparison with crisp sets?

- Law of Composition
- Law of Exclusion Mode
- Absorption of Complement

No, the answer is incorrect. The properties are:

- Law of Composition
- Law of Exclusion Mode
- Absorption of Complement

2. Identify the following validity of Law of Composition for fuzzy sets and fuzzy relations, respectively?

- Law of Composition
- Law of Exclusion Mode
- Absorption of Complement

No, the answer is incorrect. The properties are:

- Law of Composition
- Law of Exclusion Mode
- Absorption of Complement

3. Identify the following validity of the Law of Exclusion Mode for fuzzy sets, respectively?

- Law of Composition
- Law of Exclusion Mode
- Absorption of Complement

No, the answer is incorrect. The properties are:

- Law of Composition
- Law of Exclusion Mode
- Absorption of Complement

4. Identify the following validity of the Law of Exclusion Mode for fuzzy relations, respectively?

- Law of Composition
- Law of Exclusion Mode
- Absorption of Complement

No, the answer is incorrect. The properties are:

- Law of Composition
- Law of Exclusion Mode
- Absorption of Complement

5. Let us consider two fuzzy sets A and B with universe of discourse X and Y respectively defined as

- Law of Composition
- Law of Exclusion Mode
- Absorption of Complement

No, the answer is incorrect. The properties are:

- Law of Composition
- Law of Exclusion Mode
- Absorption of Complement

6. Identify the following validity of the Law of Exclusion Mode for composite linguistic terms?

- Law of Composition
- Law of Exclusion Mode
- Absorption of Complement

No, the answer is incorrect. The properties are:

- Law of Composition
- Law of Exclusion Mode
- Absorption of Complement

7. Identify the following validity of the associative property of union for crisp and fuzzy relations, respectively?

- Law of Composition
- Law of Exclusion Mode
- Absorption of Complement

No, the answer is incorrect. The properties are:

- Law of Composition
- Law of Exclusion Mode
- Absorption of Complement

8. Identify the following validity of the distributivity properties of union over intersection for crisp and fuzzy relations, respectively?

- Law of Composition
- Law of Exclusion Mode
- Absorption of Complement

No, the answer is incorrect. The properties are:

- Law of Composition
- Law of Exclusion Mode
- Absorption of Complement

9. Let us consider a fuzzy set A with universe of discourse X and Y. Find the degree of membership of x in A.

- Law of Composition
- Law of Exclusion Mode
- Absorption of Complement

No, the answer is incorrect. The properties are:

- Law of Composition
- Law of Exclusion Mode
- Absorption of Complement

10. Identify the following validity of the associative property of union for crisp and fuzzy relations, respectively?

- Law of Composition
- Law of Exclusion Mode
- Absorption of Complement

No, the answer is incorrect. The properties are:

- Law of Composition
- Law of Exclusion Mode
- Absorption of Complement

11. Identify the following validity of the distributivity properties of union over intersection for crisp and fuzzy relations, respectively?

- Law of Composition
- Law of Exclusion Mode
- Absorption of Complement

No, the answer is incorrect. The properties are:

- Law of Composition
- Law of Exclusion Mode
- Absorption of Complement

12. Identify the following validity of the associative property of union for crisp and fuzzy relations, respectively?

- Law of Composition
- Law of Exclusion Mode
- Absorption of Complement

No, the answer is incorrect. The properties are:

- Law of Composition
- Law of Exclusion Mode
- Absorption of Complement

13. Identify the following validity of the distributivity properties of union over intersection for crisp and fuzzy relations, respectively?

- Law of Composition
- Law of Exclusion Mode
- Absorption of Complement

No, the answer is incorrect. The properties are:

- Law of Composition
- Law of Exclusion Mode
- Absorption of Complement

14. Identify the following validity of the associative property of union for crisp and fuzzy relations, respectively?

- Law of Composition
- Law of Exclusion Mode
- Absorption of Complement

No, the answer is incorrect. The properties are:

- Law of Composition
- Law of Exclusion Mode
- Absorption of Complement

15. Identify the following validity of the distributivity properties of union over intersection for crisp and fuzzy relations, respectively?

- Law of Composition
- Law of Exclusion Mode
- Absorption of Complement

No, the answer is incorrect. The properties are:

- Law of Composition
- Law of Exclusion Mode
- Absorption of Complement