Since the world is full of indeterminacy, the neutrosophics found their place into contemporary research.

Nursing Researches & Neutrosophic Techniques

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Second International Conference
Faculty of Nursing / Port -Said University
Nursing Between Reality and Hoped
(A future vision)

21 FROM APRIL 2016

Under the Patronage

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Conference Objectives:

1- Reflect the reality of the nursing services quality and health care.
2- Monitor the negative aspects of nursing care scope, from the perspective of different groups.
3- Determine the gap between the theoretical and practical aspects of nursing.
4- Suggest multiple future visions for nursing sciences development to gain access to quality and excellence.

Conference Axes:

1- Nursing scientific research and neutrosophic logic
2- Systems of practical and theoretical evaluation of nursing students.
3- Scientific methods used to measure the quality of nursing services.
4- The reality of the theoretical and practical aspects of applied nursing.
5- Job description of the nurse between reality and expected.
6- Developmental Nursing Strategies and Programs.
7- Quality and performance excellence.

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Neutrosophic Science International Association

A. A. Salama, Department of Mathematics and Computer Science, Faculty of Science, Port Said University, Egypt

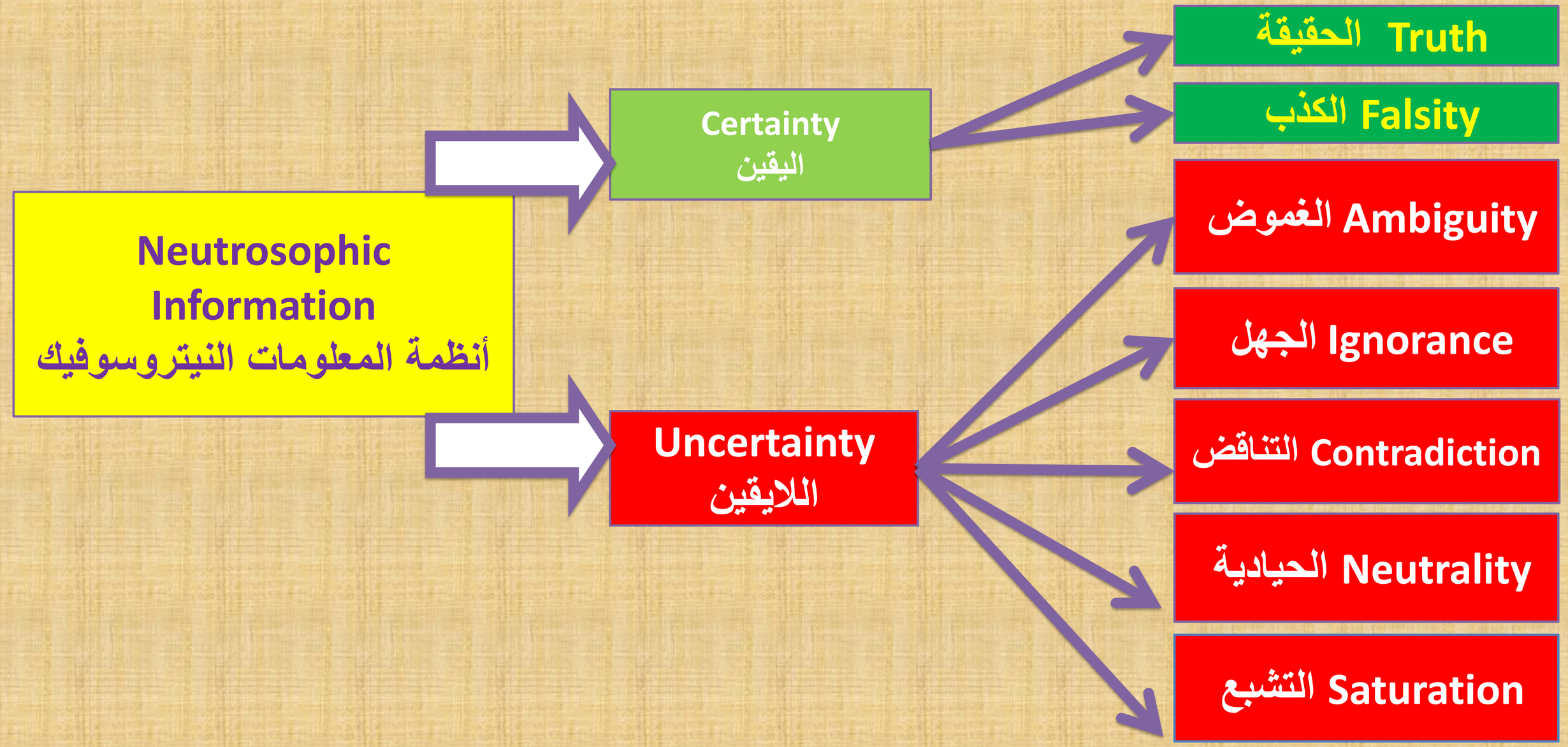
University of New Mexico in USA

Prof. Dr.Florentin Smarandache

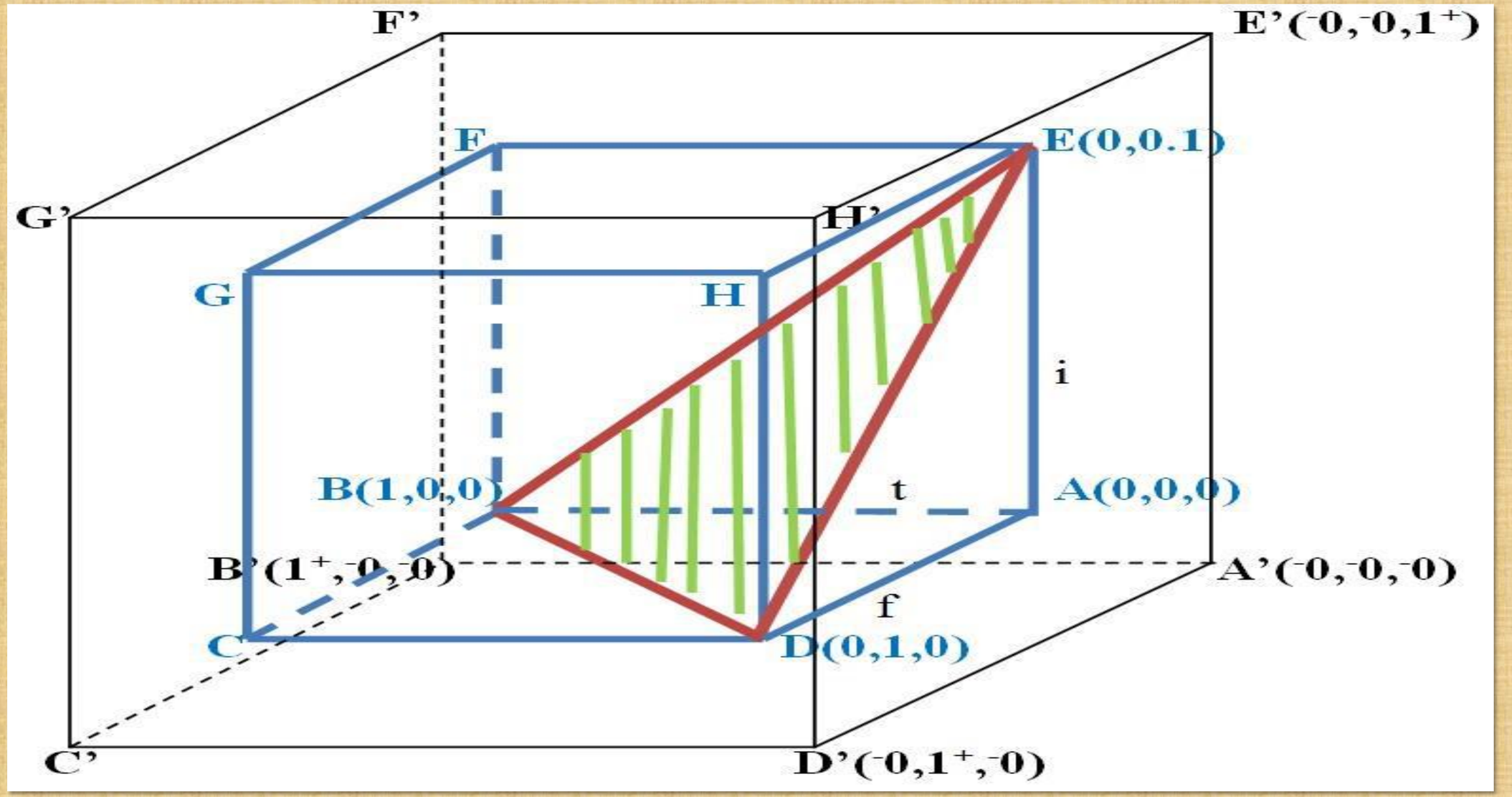
- He published over 200 books and 300 articles and notes in mathematics, physics, philosophy, psychology, rebus, literature. In mathematics his research is in number theory, non-Euclidean geometry, synthetic geometry, algebraic structures, statistics, neutrosophic logic and set (generalizations of fuzzy logic and set respectively), neutrosophic probability (generalization of classical and imprecise probability).Also, small contributions to nuclear and particle physics, information fusion, neutrosophy (a generalization of dialectics), law of sensations and stimuli, etc. He got the 2010 Telesio-Galilei Academy of Science Gold Medal, Adjunct Professor (equivalent to Doctor Honoris Causa) of Beijing Jiaotong University in 2011, and 2011 Romanian Academy Award for Technical Science (the highest in the country). Dr. W. B. Vasantha Kandasamy and Dr.Florentin Smarandache got the 2012 and 2011 New Mexico-Arizona Book Award for Algebraic Structures

A. A. Salama

Neutrosophic Mathematics and Computer Science


Neutrosophic Information
أنظمة المعلومات النيتروسوفيك
Certainty
اليقين
Uncertainty
اللايقين
Truth الحقيقة
Falsity الكذب
Ambiguity الغموض
Ignorance الجهل
Contradiction التناقض
Neutrality الحيادية
Saturation التشبع

Examples of indeterminacy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E(0,0.1)
G'
H'
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B(1,0,0)
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A(0,0,0)
B'(1+,-0,-0)
A'(-0,-0,-0)
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C
D(0,1,0)
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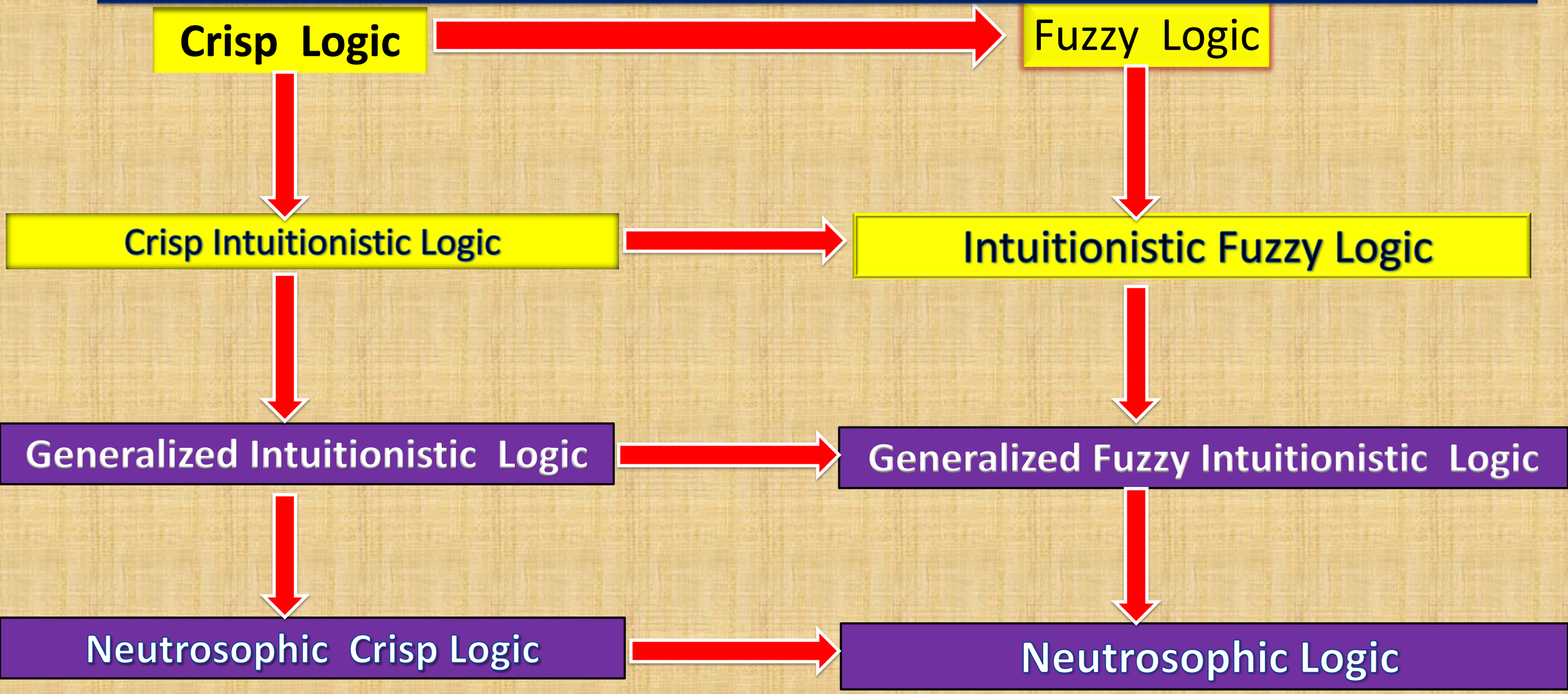
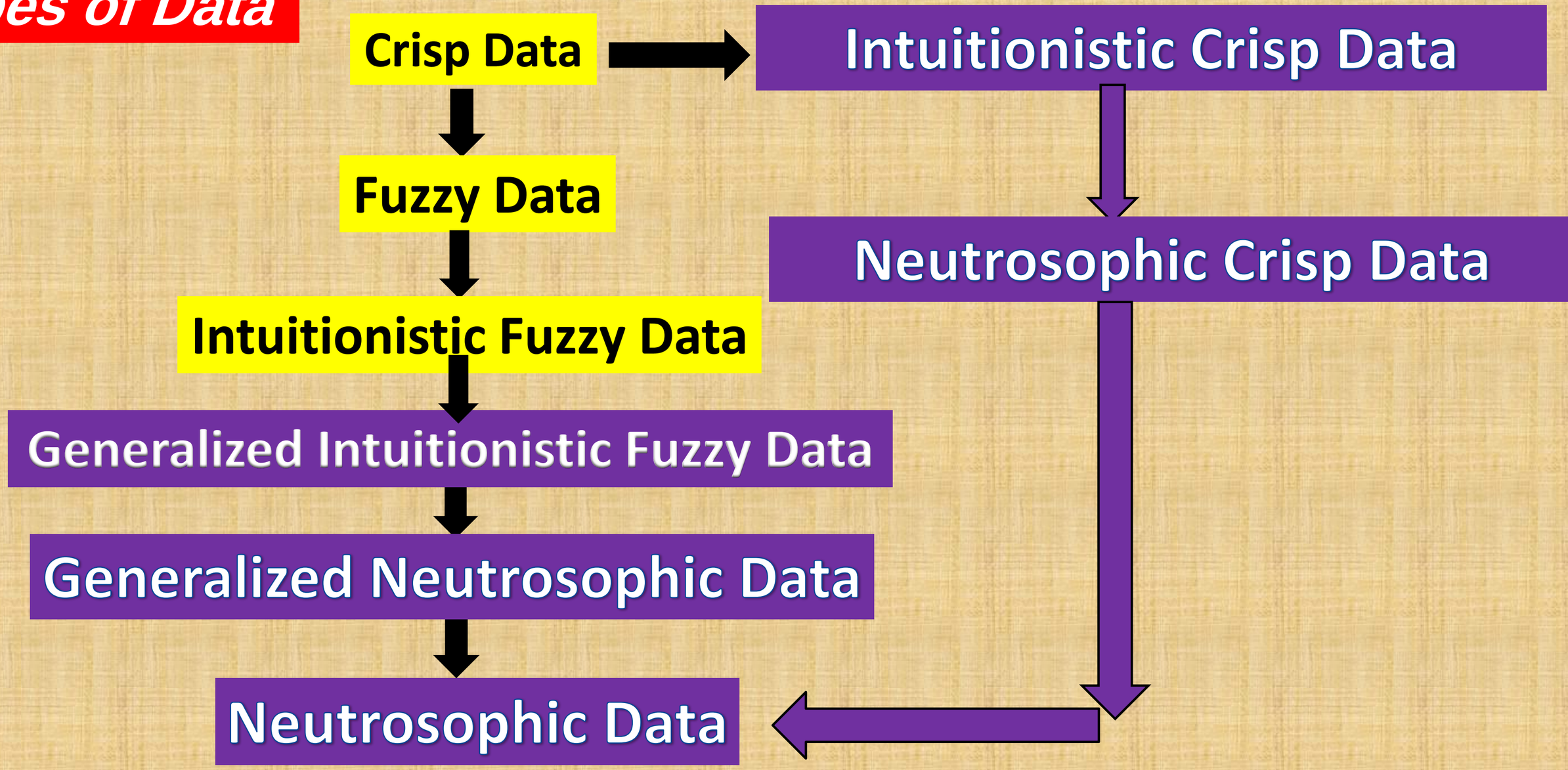
D'(-0,1+,-0)

Relations between Neutrosophic Concepts and others



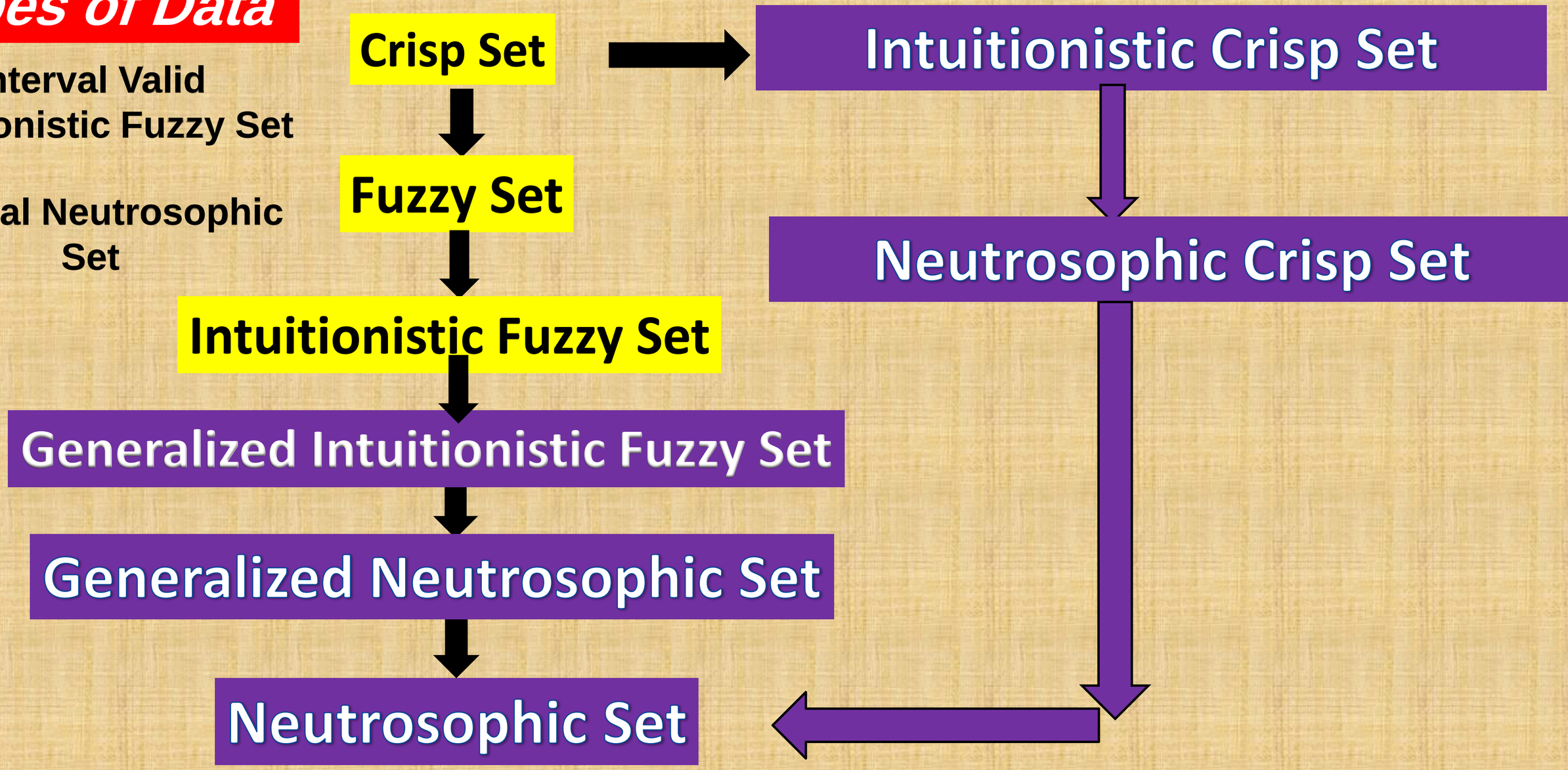
Types of Data



Types of Data

Interval Valid Intuitionistic Fuzzy Set

Interval Neutrosophic Set



Neutrosophic Techniques

Neutrosophic Logic

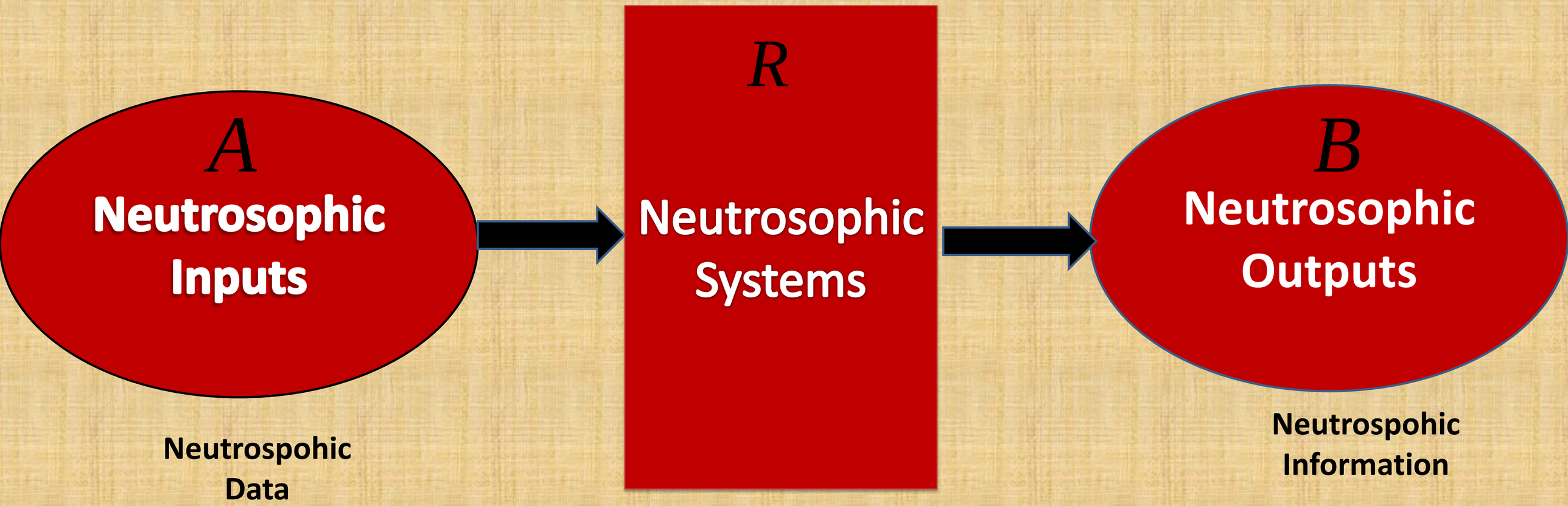
Neutrosophic Set

Neutrosophic Math.

Neutrosophic Statistics

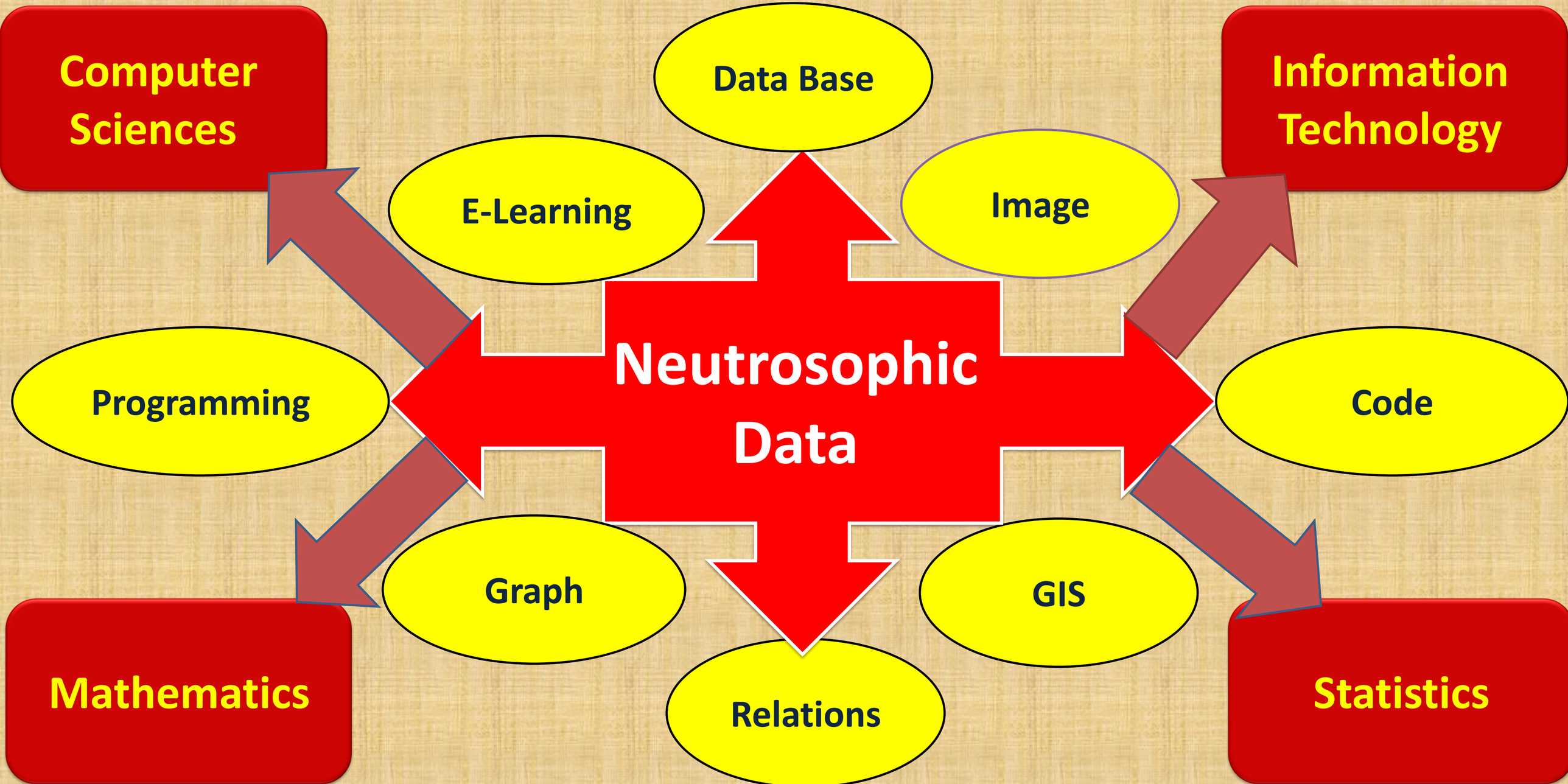
Neutrosophic System Equation

$$A \circ R = B$$

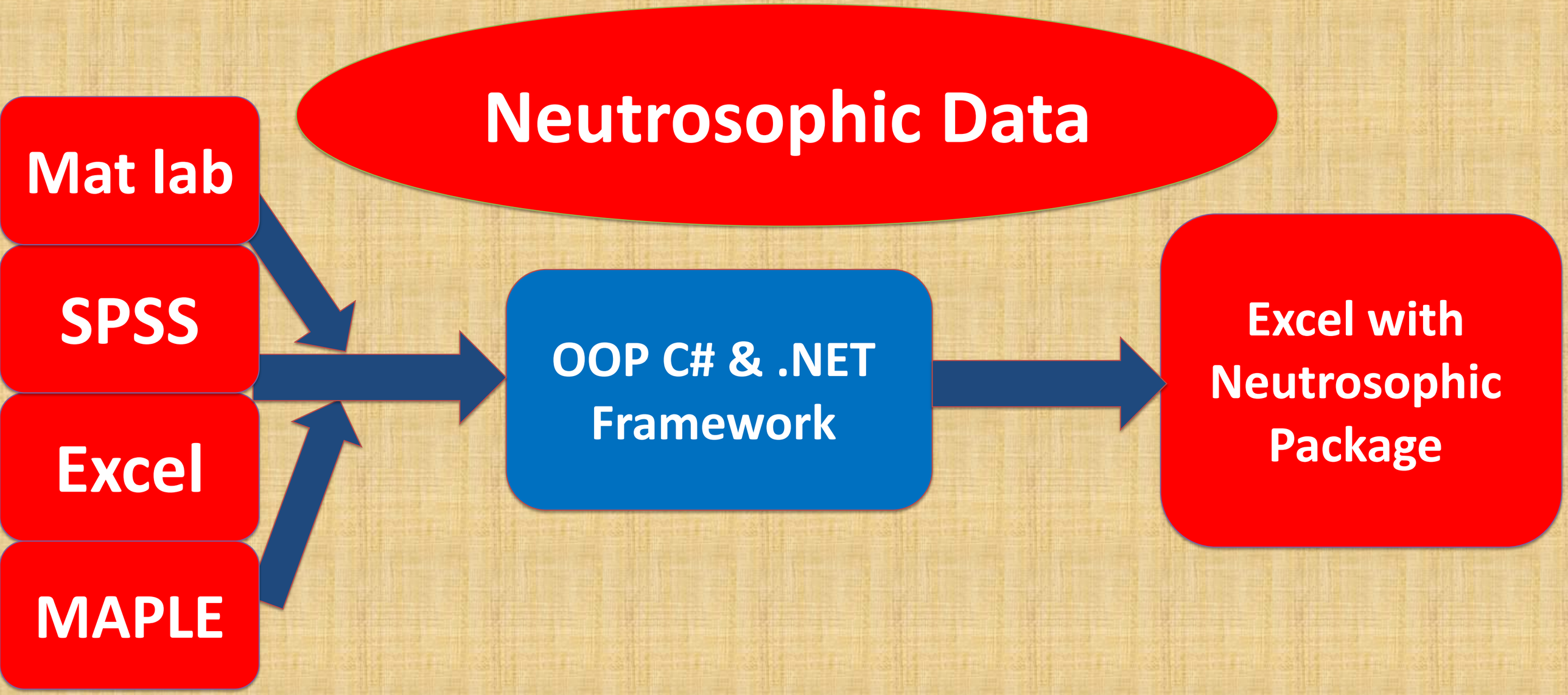


Neutrosophic Applications

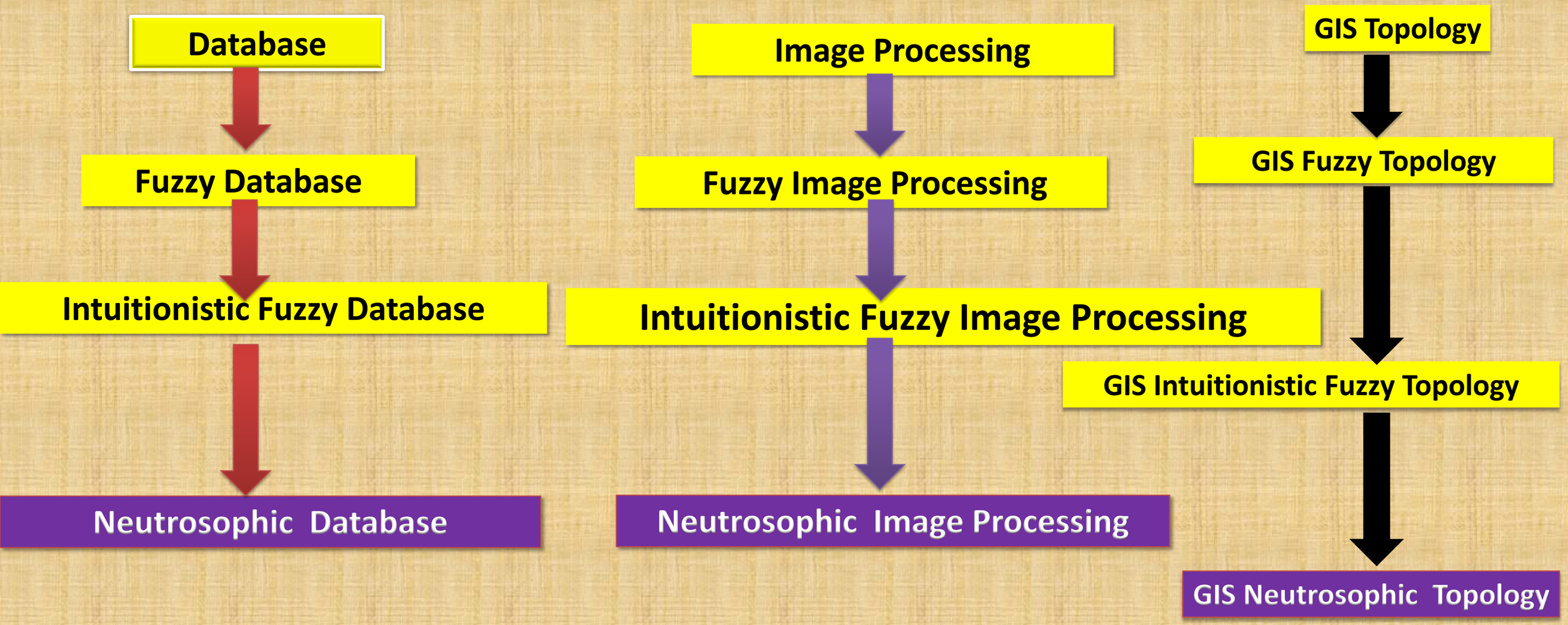
- Nursing Processing Data via Neutrosophic Techniques
- Nursing Neutrosophic Information System
- Medical Image Retrieval Using Neutrosophic Sets
- Nursing Relations and Neutrosophic Databases

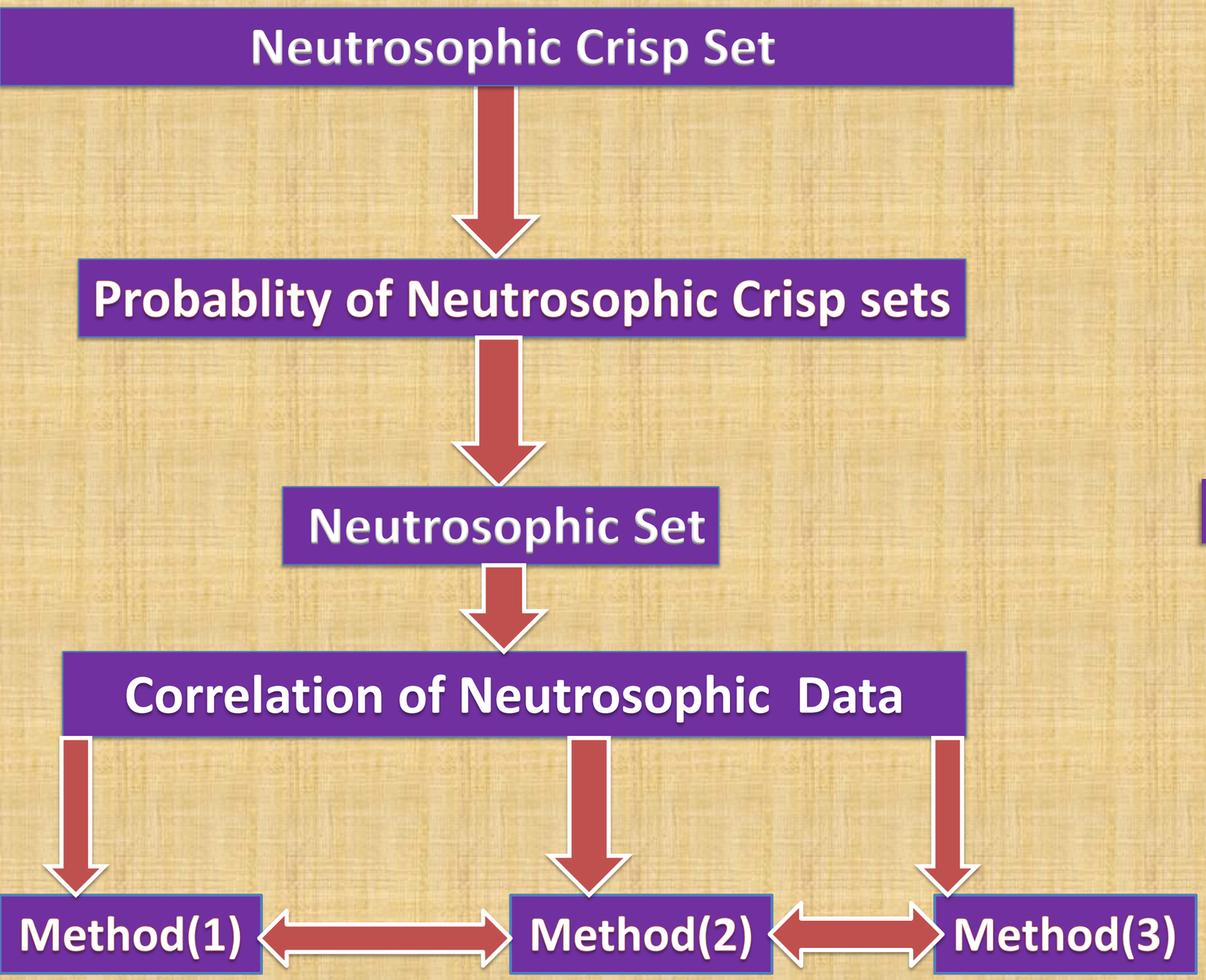

Computer Sciences
Data Base
Information Technology
E-Learning
Image
Programming
Neutrosophic Data
Code
Graph
GIS
Mathematics
Relations
Statistics

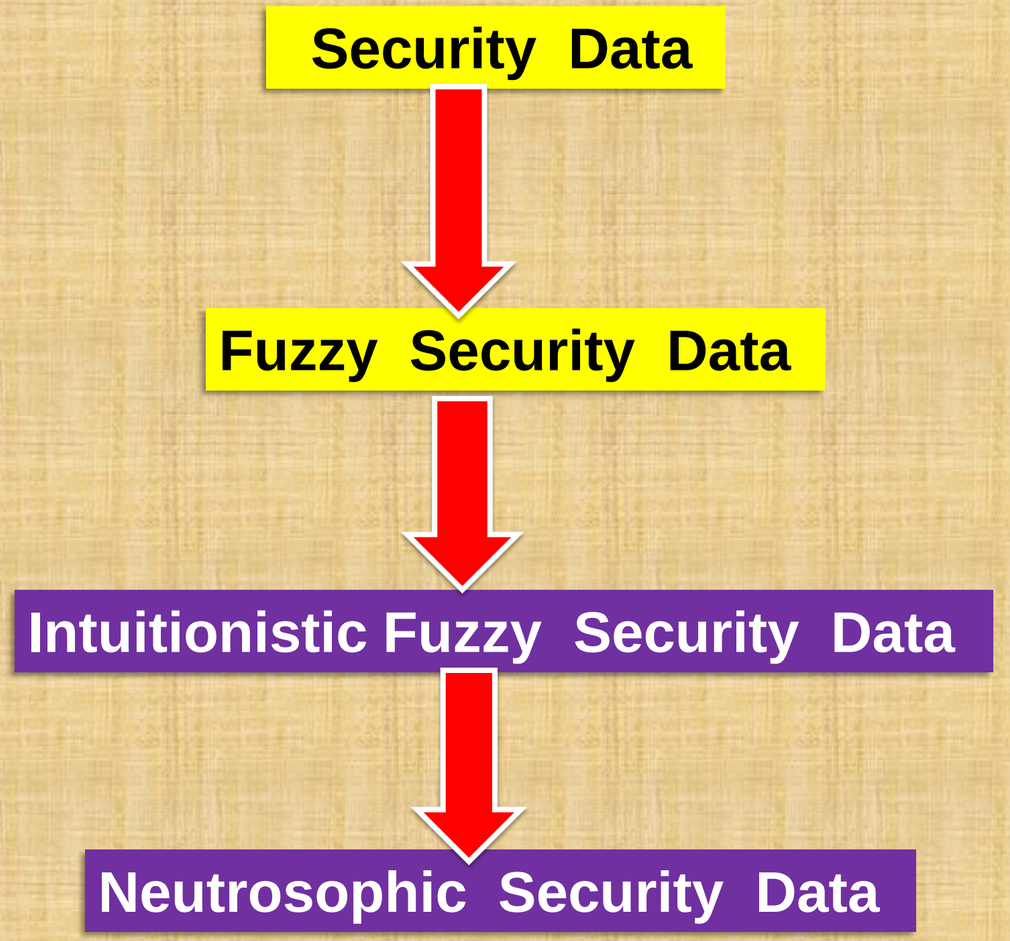
Implementing Neutrosophic Set Operations Using Object Oriented Programming



Neutrosophic Applications




Neutrosophic Crisp Set
Probablity of Neutrosophic Crisp sets
Neutrosophic Set
Correlation of Neutrosophic Data
Method(1)
Method(2)
Method(3)


Security Data
Fuzzy Security Data
Intuitionistic Fuzzy Security Data
Neutrosophic Security Data

Applications on GIS

Filters

Fuzzy Filters

Intuitionistic Fuzzy Filters

Neutrosophic Filters

Ideals

Fuzzy Ideals

Intuitionistic Fuzzy Ideals

Generalized Intuitionistic Fuzzy Ideals

Neutrosophic Ideals

GIS Topology

GIS Fuzzy Topology

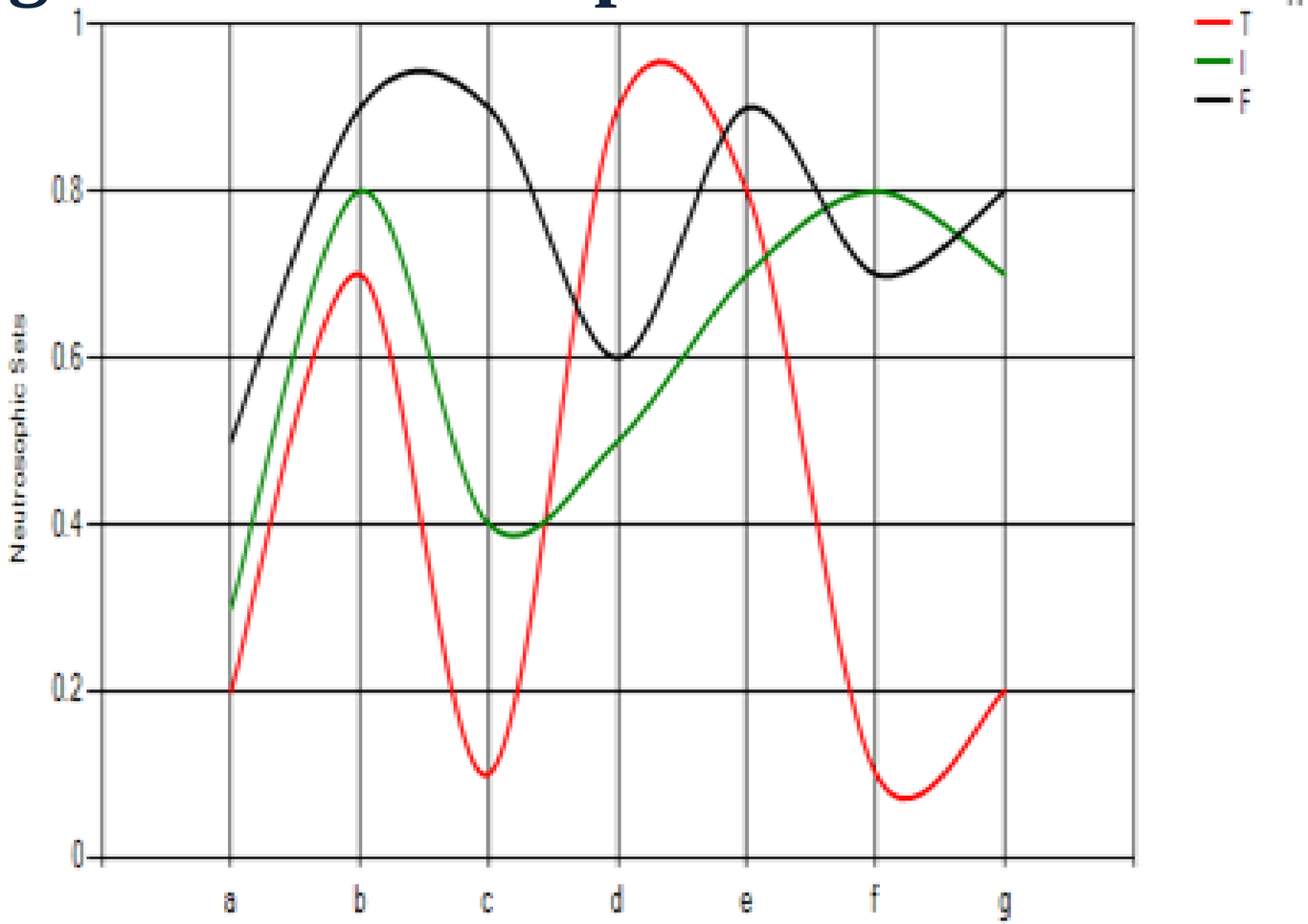
GIS Intuitionistic Fuzzy Topology

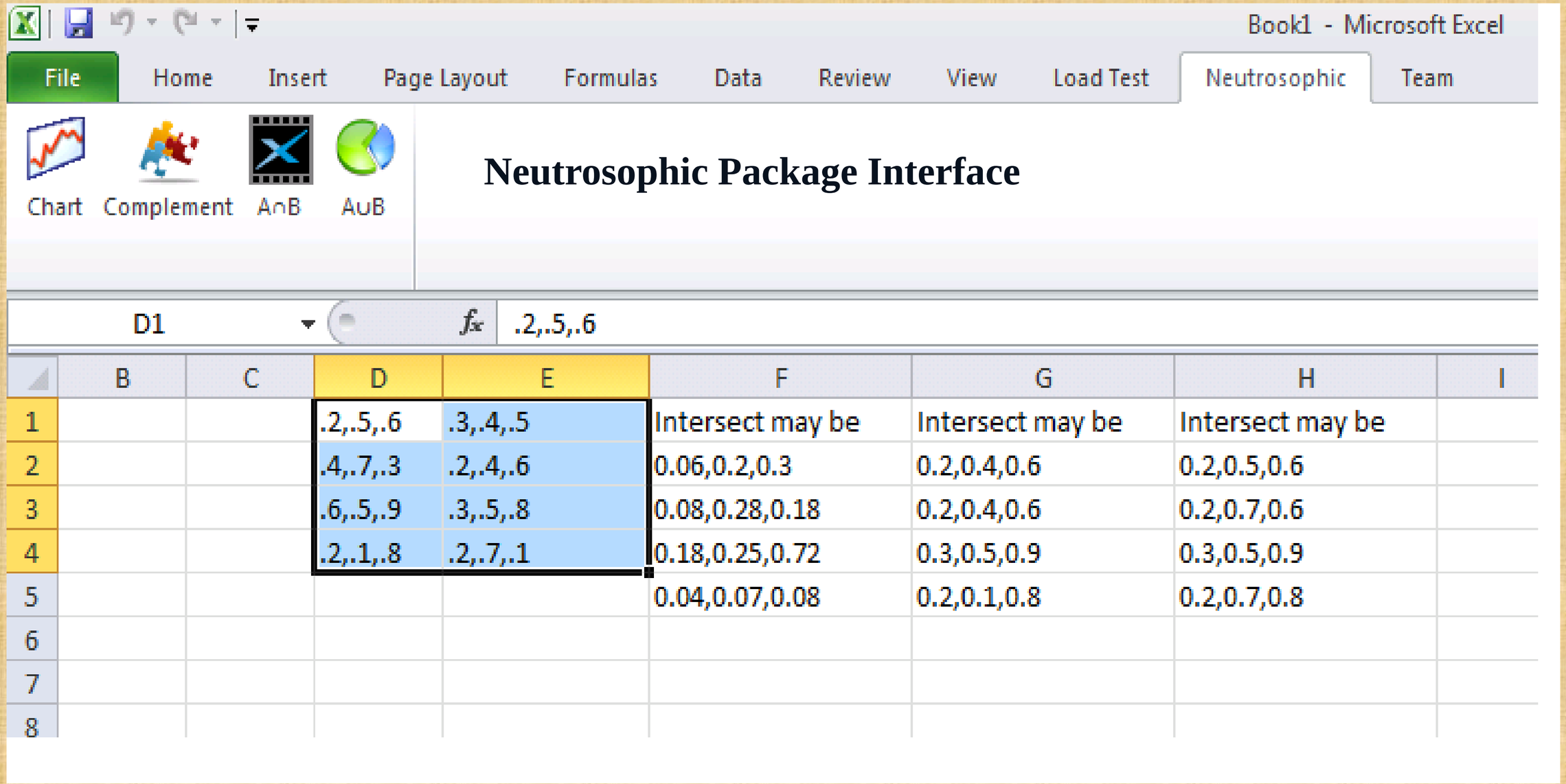
GIS Generalized Intuitionistic Fuzzy Topology

GIS Neutrosophic Topology

Figure 1: Neutrosophic Chart

	A
1	.2,.3,.5
2	.7,.8,.9
3	.1,.4,.9
4	.9,.5,.6
5	.8,.7,.9
6	.1,.8,.7
7	.2,.7,.8

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Neutrosophic Package Interface
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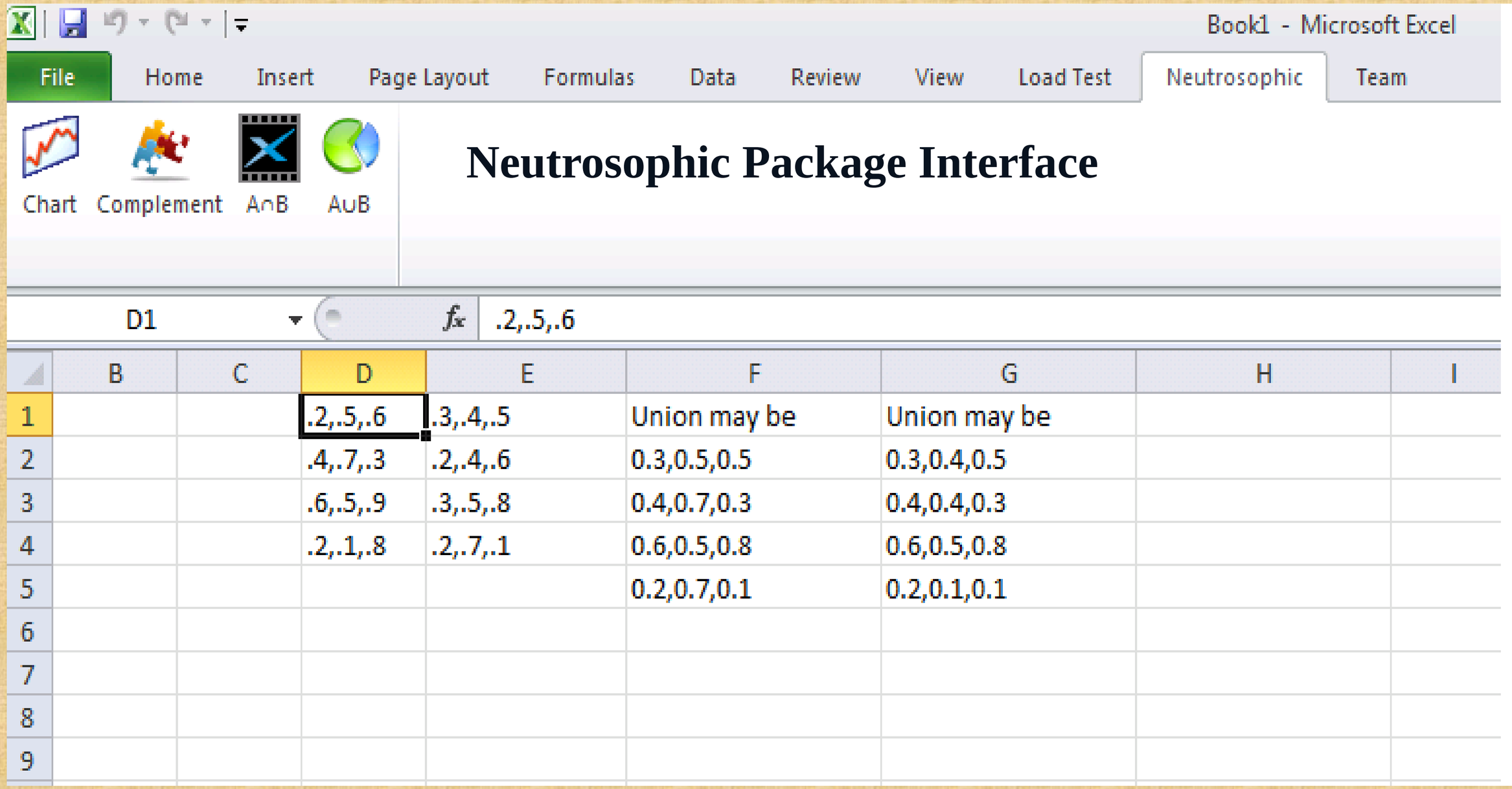
F
G
H
I
.2,.5,.6
.3,.4,.5
Intersect may be
Intersect may be
Intersect may be
.4,.7,.3
.2,.4,.6
0.06,0.2,0.3
0.2,0.4,0.6
0.2,0.5,0.6
.6,.5,.9
.3,.5,.8
0.08,0.28,0.18
0.2,0.4,0.6
0.2,0.7,0.6
.2,.1,.8
.2,.7,.1
0.18,0.25,0.72
0.3,0.5,0.9
0.3,0.5,0.9
0.04,0.07,0.08
0.2,0.1,0.8
0.2,0.7,0.8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Neutrosophic Package Interface
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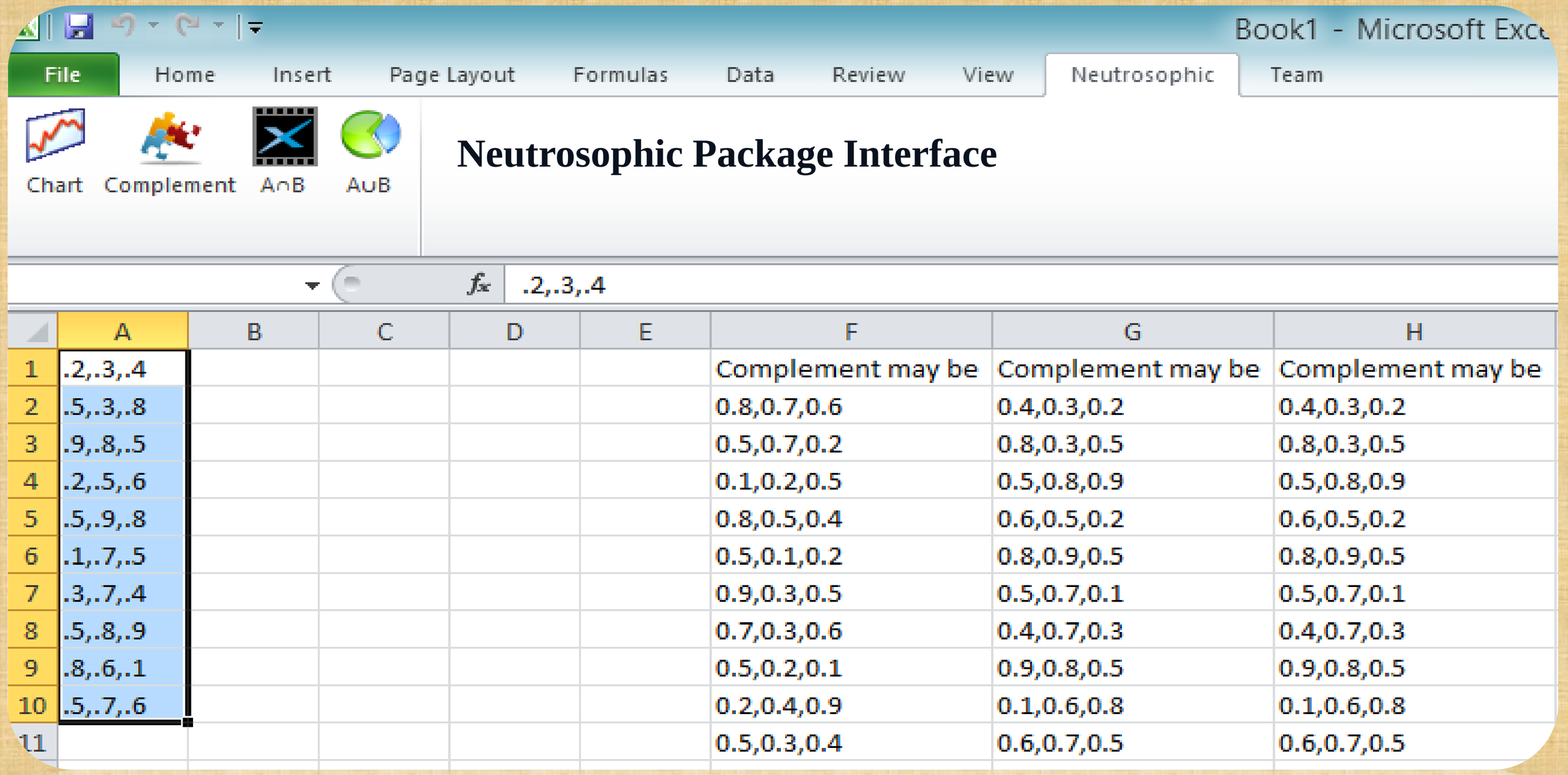
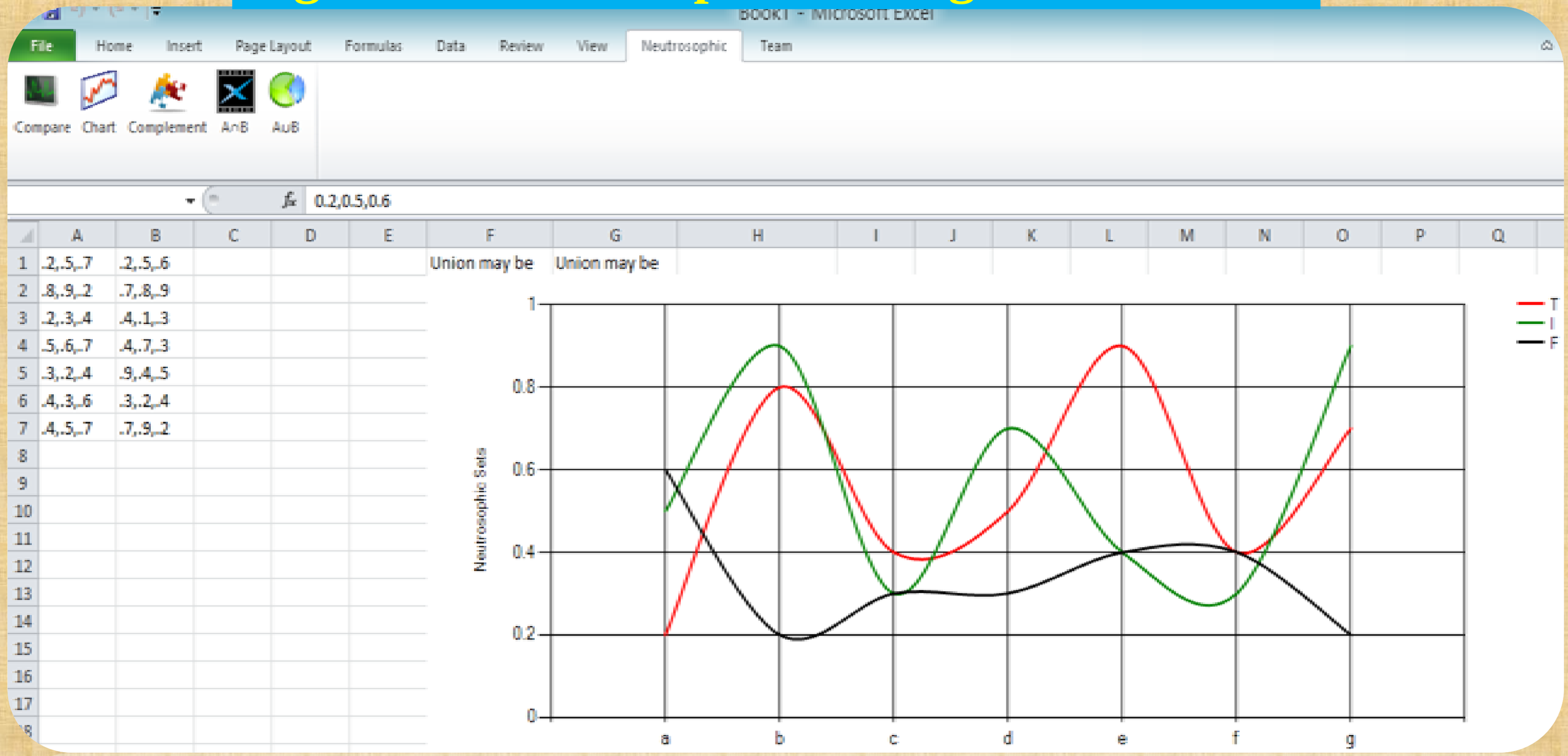
.2,.5,.6
B
C
D
E
F
G
H
I
.2,.5,.6
.3,.4,.5
Union may be
Union may be
.4,.7,.3
.2,.4,.6
0.3,0.5,0.5
0.3,0.4,0.5
.6,.5,.9
.3,.5,.8
0.4,0.7,0.3
0.4,0.4,0.3
.2,.1,.8
.2,.7,.1
0.6,0.5,0.8
0.6,0.5,0.8
0.2,0.7,0.1
0.2,0.1,0.1

Figure 2: Neutrosophic Package Interface and Calculating Complement



	A	B	C	D	E	F	G	H
1	.2,.3,.4					Complement may be	Complement may be	Complement may be
2	.5,.3,.8					0.8,0.7,0.6	0.4,0.3,0.2	0.4,0.3,0.2
3	.9,.8,.5					0.5,0.7,0.2	0.8,0.3,0.5	0.8,0.3,0.5
4	.2,.5,.6					0.1,0.2,0.5	0.5,0.8,0.9	0.5,0.8,0.9
5	.5,.9,.8					0.8,0.5,0.4	0.6,0.5,0.2	0.6,0.5,0.2
6	.1,.7,.5					0.5,0.1,0.2	0.8,0.9,0.5	0.8,0.9,0.5
7	.3,.7,.4					0.9,0.3,0.5	0.5,0.7,0.1	0.5,0.7,0.1
8	.5,.8,.9					0.7,0.3,0.6	0.4,0.7,0.3	0.4,0.7,0.3
9	.8,.6,.1					0.5,0.2,0.1	0.9,0.8,0.5	0.9,0.8,0.5
10	.5,.7,.6					0.2,0.4,0.9	0.1,0.6,0.8	0.1,0.6,0.8
11						0.5,0.3,0.4	0.6,0.7,0.5	0.6,0.7,0.5

Figure 3 : Neutrosophic Package Union Chart



Neutrosophic security data

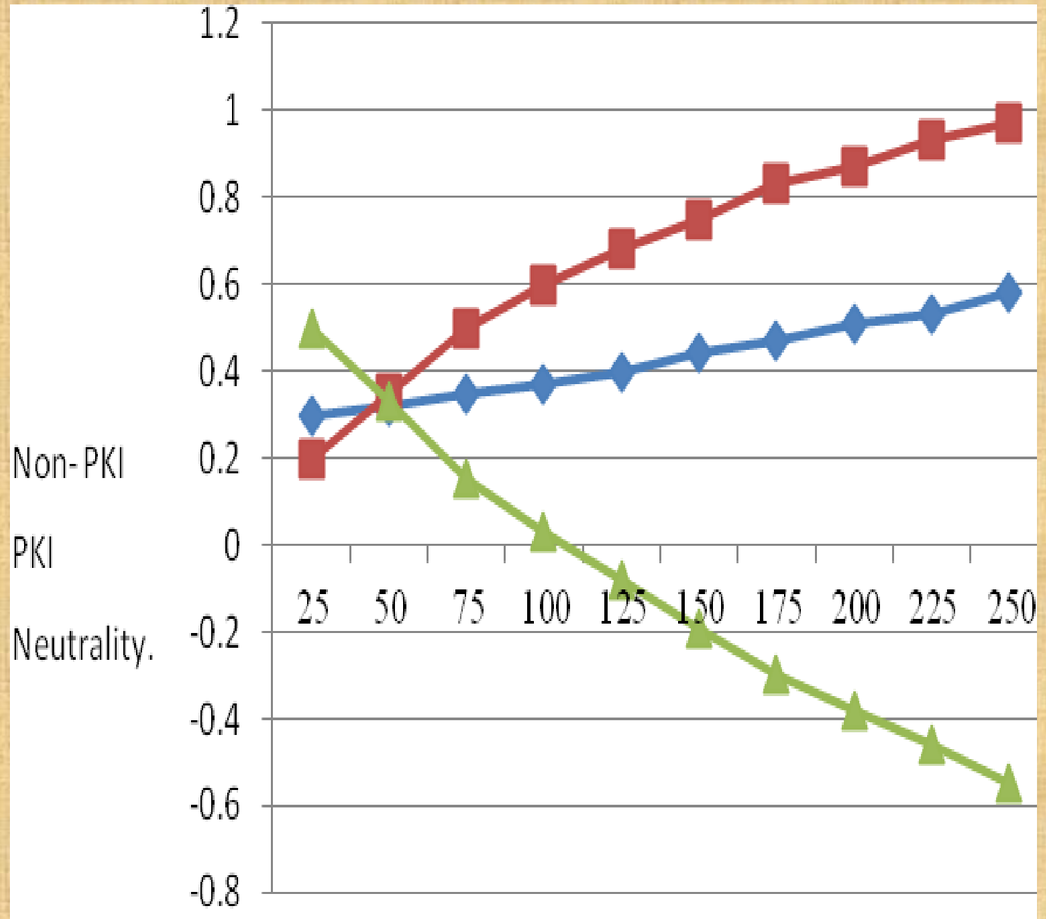


Figure 7: Procssing Time of Neutrosophic Data PKI

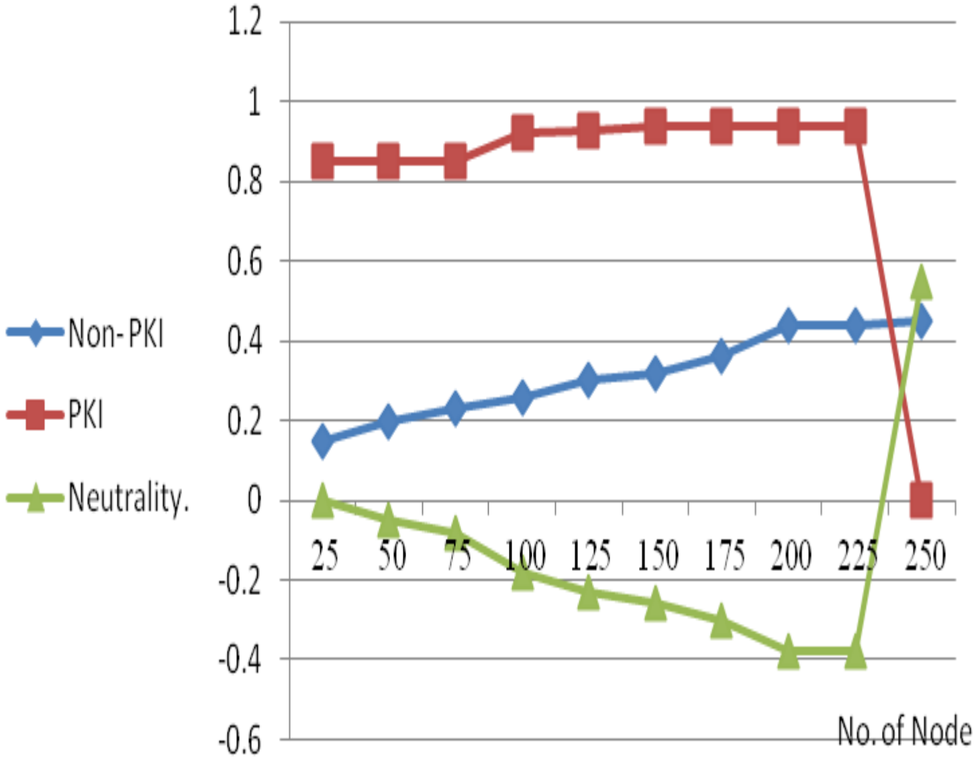


Figure 6: Neutrosophic Scurity Data of PKI

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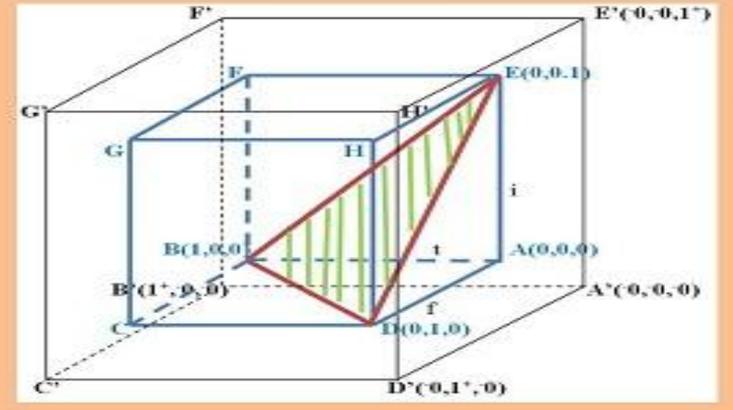
Neutrosophic Sets and Systems



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