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
Governor of Port-Said
General/ Adel El-Ghadban
President of Port-Said University
Prof. Dr. / Rashed Sabry El-Kasaby

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 neurosophic 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.

Conference Fees

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Conference Contact
Abstracts should be sent at the following e-mail address:
NURSING.FUTURE.VISION@GMAIL.COM
Deadline for sending abstracts 20/2/2016
Follow the news of conference from the following official websites of the faculty

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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.
Examples of indeterminacy
Relations between Neutrosophic Concepts and others

- Crisp Logic
  - Crisp Intuitionistic Logic
    - Generalized Intuitionistic Logic
      - Neutrosophic Crisp Logic
        - Neutrosophic Logic
  - Intuitionistic Fuzzy Logic
    - Generalized Fuzzy Intuitionistic Logic
      - Neutrosophic Logic
Types of Data

- Crisp Data
  - Fuzzy Data
    - Intuitionistic Fuzzy Data
      - Generalized Intuitionistic Fuzzy Data
        - Generalized Neutrosophic Data
          - Neutrosophic Data
          - Neutrosophic Crisp Data
          - Intuitionistic Crisp Data
Types of Data

- Interval Valid
- Intuitionistic Fuzzy Set

Crisp Set → Fuzzy Set → Intuitionistic Fuzzy Set → Generalized Intuitionistic Fuzzy Set → Generalized Neutrosophic Set → Neutrosophic Set

Neutrosophic Crisp Set → Intuitionistic Crisp Set → Crisp 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
Neutrosophic Data

Computer Sciences

Mathematics

Programming

E-Learning

Relations

Graph

Data Base

Image

GIS

Code

Information Technology

Statistics

Data Base

Image

GIS

Code

Information Technology
Neutrosophic Applications

- Database
  - Fuzzy Database
    - Intuitionistic Fuzzy Database
      - Neutrosophic Database
  - Image Processing
    - Fuzzy Image Processing
      - Intuitionistic Fuzzy Image Processing
        - GIS Intuitionistic Fuzzy Topology
  - GIS Topology
    - GIS Fuzzy Topology
      - GIS Neutrosophic Topology
    - GIS Neutrosophic Database
Figure 1: Neutrosophic Chart
## Neutrosophic Package Interface

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Figure 2: Neutrosophic Package Interface and Calculating Complement

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Figure 3: Neutrosophic Package Union Chart
Neutrosophic security data

Figure 7: Processing Time of Neutrosophic Data PKI

Figure 6: Neutrosophic Security Data of PKI
Thank you