

Full Proposal of Special Issue

Special Issue on “Recent Advances in Neutrosophic Set, Neutrosophic Logic: Theories and Applications”

Description

Neutrosophic set and logic are gaining significant attention in solving many real life decision making problems that involve uncertainty, impreciseness, vagueness, incompleteness, inconsistent, and indeterminacy. This special issue invites original research papers that report on state-of-the-art and recent advancements in neutrosophic set and logic to, soft computing, artificial intelligence, data mining, decision making problems and practical achievements. Potential topics include, but are not limited to:

- Neutrosophic set, neutrosophic logic and their various applications
- Neutrosophic set approach to artificial intelligence,
- Neutrosophic set-based software engineering,
- Neutrosophic set-based image processing,
- Neutrosophic set-based decision making in incomplete, indeterminate, inconsistent information systems
- Neutrosophic set-based data mining
- Neutrosophic set-based decision support systems
- Neutrosophic set-based computational modelling
- Neutrosophic set-based robotics
- Neutrosophic set-based knowledge discovery in databases
- Neutrosophic set-based medical decision making
- Neutrosophic sets-based investment decision making problems
- Neutrosophic sets-based group decision making problems
- Neutrosophic sets-based multi-criteria group decision making
- Neutrosophic set-based economic forecasting
- Neutrosophic set-based decision making problem in medical science
- Neutrosophic set-based Bio-medical Engineering
- Neutrosophic probability, neutrosophic statistics, neutrosophic measure theory
- Complex neutrosophic set, complex neutrosophic logic, theory and applications
- Complex neutrosophic set-based decision making
- Complex neutrosophic set-based medical diagnosis
- Complex neutrosophic set-based medical decision making
- Complex neutrosophic set-based group decision making
- Complex neutrosophic set-based multi-criteria group decision making

Neutrosophic precalculus and neutrosophic calculus

Neutrosophic overset, underset, offset

Neutrosophic overlogic, underlogic, offlogic

Symbolic neutrosophic theory

Guide Lines and Details

For this special issue, we will invite the researchers from around the world who are currently working in Fuzzy set and Neutrosophic set. We know over 660 researchers who are using Neutrosophic set and logic in real world problems effectively and we will contact them to prepare an original manuscript which falls under the scope of this special issue and Neural computing and applications clearly.

We will invite the researchers who currently working in the area of neutrosophic set and logic, complex neutrosophic set and logic, their applications in decision making, soft computing, AI etc. We know a lot of researchers who are working in this area and they are willing to submit their original work in this special issue.

The review process will be completely peering independent. For this purpose, we can use the editorial board members of Neutrosophic Sets and Systems (We have their contact details). We can also ask the fuzzy researchers to review the articles of this special issue. At initial stage, the guest editors will check the suitability and originality of manuscript and then we will send this manuscript to the independent reviewers. The peer-review is handled by at least 3 reviewers from the NSS editorial board. The names of co-editors: all NSS editors mentioned in our NSS issues at the beginning; you get them from the website as well: <http://fs.gallup.unm.edu/NSS> and by others researchers specialized in neutrosophic theory and applications.

The standard of research is assured since the peer-reviewers are the best in the world researchers in neutrosophics.

The marketing process will be done together with Springer's other journals, to: libraries and researchers in many fields, since the neutrosophics have many applications.

Important Dates

Paper submission Opened: 1st November 2016

Paper Submission Deadline: 31 December 2016

Notification of Initial Decision: 28 February 2017

Final Manuscripts Due: 30 April 2017

Expected Publication Date: 30 July 2017

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