**Neutrosophic Sets and Related Fields**

a special issue of the international

**“Journal of Mathematics and Informatics” (JMI)**

ISSN 2349-0632 (Print)

ISSN 2349-0640 (Online)

Impact Factor 1.627 (2016) (by ISRA)

DOI prefix 10.22457

[**http://www.researchmathsci.org/JMIEditorial.html**](http://www.researchmathsci.org/JMIEditorial.html)

Guest editors

**Prof. Florentin Smarandache**, University of New Mexico, United States

Email: smarand@unm.edu, fsmarandache@gmail.com

**Prof. Madhumangal Pal**, Vidyasagar University, India

Email: mmpalvu@gmail.com

Neutrosophic set is a generalization of fuzzy set and of intuitionistic fuzzy set. The key distinction between the neutrosophic set and other types of sets is the introduction of the degree of indeterminacy / neutrality (I) as independent component in the neutrosophic set.

In the neutrosophic set, the degree of membership-truth (T), the degree of indeterminacy (I), and the degree of non-membership-falsehood (F) are independent, therefore their sum (as single valued numbers) can be up to 3.

Neutrosophic set has been used in solving problems that involve indeterminacy, uncertainty, impreciseness, vagueness, inconsistent, incompleteness etc.

In the past years the field of neutrosophic set, logic, measure, probability and statistics, precalculus and calculus etc. have been extended and applied in various fields.

For more information, see the University of New Mexico’s website on neutrosophics: <http://fs.gallup.unm.edu/neutrosophy.htm>.

This special issue of **Journal of Mathematics and Informatics (JMI)** invites original research papers that report on state-of-the-art and recent advancements in neutrosophic set to artificial intelligence, data mining, soft computing, decision making in incomplete, indeterminate, inconsistent information systems, image processing, computational modelling, robotics, medical diagnosis, biomedical engineering, investment problems, economic forecasting, social science, humanistic, and practical achievements.

The papers are peer-reviewed by three independent researchers.

The papers should be sent by e-mail, in **PDF format**, to the one of the guest editors.

We are glade to inform you that we get DOI prefix 10.22457 from CrossRef and hence we are a member of CrossRef.

**Important Dates**

*Paper submission Opened: 15November 2016*

*Paper Submission Deadline: 31 March 2017*

*Notification of Initial Decision: 30 April 2017*

*Final Manuscripts Due: 31 May 2017*

*Expected Publication Date: 31 July 2017*

**Preparation of Papers**

Herewith the journal template and the sample paper is available at

[http://researchmathsci.org/papersample.doc](http://researchmathsci.org/papersample.doc%22%20%5Ct%20%22_blank)