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## Aim and Scope

*International Journal of Neutrosophic Science (IJNS)* is a peer-review journal publishing high quality experimental and theoretical research in all areas of Neutrosophic and its Applications. IJNS is published quarterly. IJNS is devoted to the publication of peer-reviewed original research papers lying in the domain of neutrosophic sets and systems. Papers submitted for possible publication may concern with foundations, neutrosophic logic and mathematical structures in the neutrosophic setting. Besides providing emphasis on topics like artificial intelligence, pattern recognition, image processing, robotics, decision making, data analysis, data mining, applications of neutrosophic mathematical theories contributing to economics, finance, management, industries, electronics, and communications are promoted. Variants of neutrosophic sets including refined neutrosophic set (RNS). Articles evolving algorithms making computational work handy are welcome.

## Topics of Interest

IJNS promotes research and reflects the most recent advances of neutrosophic Sciences in diverse disciplines, with emphasis on the following aspects, but certainly not limited to:

- |   |  |
|---|--|
| <input type="checkbox"/> Neutrosophic sets                        | <input type="checkbox"/> Neutrosophic algebra                      |
| <input type="checkbox"/> Neutrosophic topolog                     | <input type="checkbox"/> Neutrosophic graphs                       |
| <input type="checkbox"/> Neutrosophic probabilities               | <input type="checkbox"/> Neutrosophic tools for decision making    |
| <input type="checkbox"/> Neutrosophic theory for machine learning | <input type="checkbox"/> Neutrosophic statistics                   |
| <input type="checkbox"/> Neutrosophic numerical measures          | <input type="checkbox"/> Classical neutrosophic numbers            |
| <input type="checkbox"/> A neutrosophic hypothesis                | <input type="checkbox"/> The neutrosophic level of significance    |
| <input type="checkbox"/> The neutrosophic confidence interval     | <input type="checkbox"/> The neutrosophic central limit theorem    |
| <input type="checkbox"/> Neutrosophic theory in bioinformatics    |  |
| <input type="checkbox"/> and medical analytics                    | <input type="checkbox"/> Neutrosophic tools for big data analytics |
| <input type="checkbox"/> Neutrosophic tools for deep learning     | <input type="checkbox"/> Neutrosophic tools for data visualization |
| <input type="checkbox"/> Quadripartitioned single-valued          |  |
| <input type="checkbox"/> neutrosophic sets                        | <input type="checkbox"/> Refined single-valued neutrosophic sets   |

- Applications of neutrosophic logic in image processing
- Neutrosophic logic for feature learning, classification, regression, and clustering
- Neutrosophic knowledge retrieval of medical images
- Neutrosophic set theory for large-scale image and multimedia processing
- Neutrosophic set theory for brain-machine interfaces and medical signal analysis
- Applications of neutrosophic theory in large-scale healthcare data
- Neutrosophic set-based multimodal sensor data
- Neutrosophic set-based array processing and analysis
- Wireless sensor networks Neutrosophic set-based Crowd-sourcing
- Neutrosophic set-based heterogeneous data mining
- Neutrosophic in Virtual Reality
- Neutrosophic and Plithogenic theories in Humanities and Social Sciences
- Neutrosophic and Plithogenic theories in decision making
- Neutrosophic in Astronomy and Space Sciences