

Dr. A. Gnanasoundari

Assistant Professor of Mathematics

NGM College

Pollachi – 642 001.

RESEARCH PUBLICATIONS

2025

1. Soft Multi Filters

Inthumathi, V., Gnanasoundari, A. & Maheswari, M.

Indian Journal of Natural Sciences, 2025, **16(92)**, 100914–100922.

2. Generalized Soft Multi Functions

Inthumathi, V., Gnanasoundari, A. & Maheswari, M.

Indian Journal of Science and Technology. **Accepted.**

2024

3. Generalized Soft Multi Connectedness and Compactness

Inthumathi, V., Gnanasoundari, A. & Maheswari, M.

Ratio Mathematica, Vol. 51, 2024.

2023

4. Generalized Semi Operators in Soft Multi Topological Spaces

Inthumathi, V., Gnanasoundari, A. & Maheswari, M.

Indian Journal of Natural Science, Vol. 14, No. 8, 2023, pp. 64295–64302.

2022

5. Generalized Semi Closed Soft Multisets

Inthumathi, V., Gnanasoundari, A. & Maheswari, M.

Journal of Xidian University, Vol. 16, No. 8, 2022, pp. 234–243.

CONFERENCE PROCEEDINGS

2020

1. Application of Intuitionistic Fuzzy Multisets in an Investment Decision Making Problem

Gnanasoundari, A., V. Inthumathi

Conference Proceedings: *International Conference on Mathematical Modeling (ICMM-2023)*

Year: 2020

Page: 67

2018

2. On Weakly $\tilde{g}$ -Closed Mappings and Weakly $\tilde{g}$ -Homeomorphisms in Intuitionistic Fuzzy Topological Spaces

Gnanasoundari, A.

Journal of Computer and Mathematical Sciences, **Volume 9**, 2018.

2015

3. On $\tilde{g}$ -Closed Sets, $\tilde{g}$ -Continuity and $\tilde{g}$ -Closed Mapping in Intuitionistic Fuzzy Topological Spaces

Gnanasoundari, A., M. Thirumalaiswamy and A.

Conference Proceedings: *International Conference on Innovative Challenges in Multidisciplinary Research and Practice of Mathematics*

Year: 2015.

4. On $\tilde{g}$ -Homeomorphisms in Intuitionistic Fuzzy Topological Spaces

M. Thirumalaswamy, A. Gnanasoundari

UGC Sponsored National Seminar on Recent Developments in Topology

Year: 2015.

5. Intuitionistic Fuzzy $\tilde{g}$ -Connectedness and Intuitionistic Fuzzy $\tilde{g}$ -Compactness

M. Thirumalaswamy, A. Gnanasoundari

National Seminar on Modern Techniques and Applications in Mathematics

Year: 2015.