

AHMAD TERMIMI AB GHANI

ASSOCIATE PROFESSOR

Assoc. Prof. Dr. Ahmad Termimi Ab Ghani is a senior lecturer at Department of Mathematics, Faculty of Computer Science and Mathematics at Universiti Malaysia Terengganu (UMT), Malaysia. He obtained his B.Sc. (Financial Mathematics) and M.Sc. (Mathematics) from Universiti Malaysia Terengganu. He received his D.Sc. in Mathematics from Mathematical Institute, Tohoku University, Japan in 2013. He does research at the Foundation of Mathematics, especially in Logic of Games, Fuzzy Set Theory and Its Extensions.

CONTACT

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SELECTED RESEARCH PROJECTS

- ✔ Fundamental Research Grant Scheme (FRGS) from Ministry of Higher Education Malaysia. The Intelligence Model of Predicting Students' Mathematics Problem-solving Ability Based on Adaptive Neuro-Fuzzy Inference System (ANFIS) Formulation and Neuroscience Mechanistic (2022- 2025)

SELECTED PUBLICATIONS

- ✔ Bakar, M. A. A., Ab Ghani, A. T., & Abdullah, M. L. (2024). Integrating Fuzzy-Based Evaluation Method to Analyse Attributes and Parameters for the Assessment Model Development. *Malaysian Journal of Fundamental and Applied Sciences*, 20(6), 1460-1477.
- ✔ Abu Bakar, M. A., Ab Ghani, A. T., & Abdullah, M. L. (2025). The neutrosophic-based analysis assessment framework: An assessment strategy to promote soft computing in educational contexts. *International Journal of Neutrosophic Science (IJNS)*, 25(3).
- ✔ Bakar, M. A. A., Ab Ghani, A. T., & Abdullah, M. L. (2024). Triangular Fuzzy Cognitive Maps Method for Modelling Interrelation between Causal and Trigger Factors Towards Students' Mathematics Problem-Solving Ability. *Malaysian Journal of Mathematical Sciences*, 18(3).
- ✔ Ghani, A. T. A., Abdullah, L., Zainal, S. A. M., & Peng, N. N. (2023, October). On approximation operators of tolerance relation in rough neutrosophic sets model. In *AIP Conference Proceedings* (Vol. 2746, No. 1). AIP Publishing.
- ✔ Ab Ghani, A. T., Abdullah, L., & Peng, N. (2022, March). On type-1 granulation and approximation of tolerance based rough neutrosophic sets. In *Proceedings of the 8th International Conference on Computational Science and Technology: ICCST 2021, Labuan, Malaysia, 28-29 August* (pp. 171-182). Singapore: Springer Singapore.



RESEARCHER PROFILE

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EDUCATION

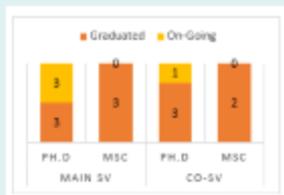


- Ph.D in Mathematics, Tohoku University, Japan
- M.Sc. (Mathematics), UMT, Malaysia
- B.Sc. (Financial Mathematics), KUSTEM, Malaysia

AREAS OF EXPERTISE

- Foundation of Mathematics
- Logic of Games, Fuzzy Set Theory and Its Variations

SUPERVISION



COLLABORATORS

