ZABIDIN BIN SALLEH
PROFEESOR

Zabidin Salleh currently doing research almost in pure mathematics like area of Topology, Geometric Functions Theory and Fixed-Point Theory. He also involved research in applied mathematics such as Fluid Dynamics, and Optimization. His current project is studying the fixed point theory in metric spaces and fuzzy metric spaces and their generalizations, and studying the class of univalent functions involving generalized differential operators. Currently he is editor in chief for the Journal of Mathematical Sciences and Informatics (UMT journal).

RESEARCHER PROFILE

Scopus 57195479070

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CONTACT

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EDUCATION

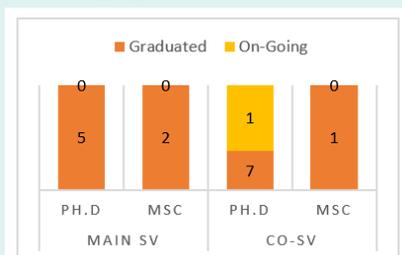- PhD in Topology, Universiti Putra Malaysia
- Master in Complex Analysis, Universiti Sains Malaysia
- BSc(Hons) in Mathematics, Universiti Malaya

AREAS OF EXPERTISE

- Topology
- Fixed Point Theory
- Geometric Function Theory
- Fluid Dynamics

SELECTED RESEARCH PROJECTS

- Fundamental Research Grant Scheme (FRGS) from Ministy of Higher Education Malaysia. The Determination of Fixed Point Results for Contraction Mappings on Fuzzy Rectangular B-Metric Spaces. (2021 – 2024). RM125,000.

- Inter-Disciplinary Impact Driven Research Grant (ID2RG) from Universiti Malaysia Terengganu. Mathematical Framework of Sea Turtle Identification and Investigation of Climate Change Decision Making Procedures, Chemical Networks and Life Sciences. (2024 – 2026). RM110,800.

- Fundamental Research Grant Scheme (FRGS) from Ministy of Higher Education Malaysia. A New Topological Entropy for Maps of Dynamical Systems on Compact and Noncompact Spaces. (2014 – 2016). RM79,200.

SUPERVISION

	Graduated	On-Going
PH.D (MAIN SV)	5	0
MSC (MAIN SV)	2	0
PH.D (CO-SV)	7	1
MSC (CO-SV)	1	0

SELECTED PUBLICATIONS

- Wong, K.S., Salleh, Z., and Akhadkulov, H. (2024). Exploring Fixed Points and Common Fixed Points of Contractive Mappings in Complex-Valued Intuitionistic Fuzzy Metric Spaces, International Journal of Analysis and Applications. 22, pp. 91. SCOPUS-indexed.

- Wong, K.S., Salleh, Z., and Che Taib, C.M.I. (2023). Fixed-point results for fuzzy generalized β-F-contraction mappings in fuzzy metric spaces and their applications, Fixed Point Theory and Algorithms for Sciences and Engineering. 2023(1), pp. 8. SCOPUS-indexed.

- Amourah, A., Salleh, Z., Frasin, B.A., Khan, M.G., and Ahmad, B. (2023), Subclasses of bi-univalent functions subordinate to gegenbauer polynomials, Afrika Matematika, 34(3), pp. 41. SCOPUS-indexed.

- Wong, K.S., Salleh, Z., and Akhadkulov, H. (2024), Fuzzy Metric Spaces: Optimizing Coincidence and Proximity Points, Contemporary Mathematics (Singapore), 5(2), pp. 1146–1164. SCOPUS-indexed.

- Riaz, M., Khan, N., Hashmi, M.S., Salleh, Z., and Inc, M. (2024), Chemically reactive squeezed flow of magnetized Al_2O_3-PAO nanolubricant over a sensor surface with thermophoretic particle deposition, Case Studies in Thermal Engineering, 54, pp. 104040. SCOPUS-indexed.

COLLABORATORS

"Passionate, Patient, Honest, Hard-working and Knowledgeable, Beriman dan bertawakkal kepada Allah."