CURRICULUM VITAE

PERSONAL DATA

Name	Hisham Mohamed Ragab Elmongy
Nationality	Egyptian
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EDUCATION

Year	Academic Degree	Institution
2012	Assistant Professor	Mansoura University
2000	Lecturer	Mansoura University
1991	Teaching Assistant	Mansoura University

WORK EXPERIENCE

Period	Position	Address
2025 - Present	Professor	Kingdom of Saudi Arabia
2019 - 2025	Associate Professor	Egypt
2012 - 2019	Assistant Professor	Egypt
2000 -2012	Lecturer	Egypt
1991 - 2000	Teaching Assistant	Egypt

RESEARCH INTERESTS

The main research interests are: in the areas of actuarial statistics, applied mathematics and mathematical physics including mathematical methods and models of complex systems, mathematical billiards Chaos and anomalous transport in microporous media and numerical methods for kinetic equations. Publishing research articles in reputable international journals in mathematics and engineering. He is a referee and editor in mathematical journals.

PUBLICATIONS

- Jalingo, A. U., Almongy, H. M., Baysen, E., & Abdullahi, N. A. (2026). Artificial intelligence-based ensemble models for prediction of gender-based management competencies in an electromagnetic radiation digitally enhanced learning environments among secondary schools principals. Journal of Radiation Research and Applied Sciences, 19(1), 102106.
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- Almetwally, E., Ahmad, H. H., & Almongy, H. (2022). Extended odd Weibull Pareto distribution, estimation and applications. J. Stat. Appl. Probab, 11, 795-809.
- Yousef, M. M., Hassan, A. S., Al-Nefaie, A. H., Almetwally, E. M., & Almongy, H. M. (2022). Bayesian estimation using MCMC method of system reliability for inverted Topp–Leone distribution based on ranked set sampling. Mathematics, 10(17), 3122.
- Mohamed, R. A., Al-Babtain, A. A., Elbatal, I., Almetwally, E. M., & Almongy, H. M. (2022). [Retracted] Classical and Bayesian Inference of Marshall-Olkin Extended Gompertz Makeham Model with Modeling of Physics Data. Journal of Mathematics, 2022(1), 2528583.
- Sabry, M. A., Almetwally, E. M., & Almongy, H. M. (2022). Monte Carlo simulation of stress-strength model and reliability estimation for extension of the exponential distribution. Thailand Statistician, 20(1), 124-143.
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- Almongy, H. M., Alshenawy, F. Y., Almetwally, E. M., & Abdo, D. A. (2021). Applying transformer insulation using Weibull extended distribution based on progressive censoring scheme. Axioms, 10(2), 100.
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- Almongy, H. M., Almetwally, E. M., Alharbi, R., Alnagar, D., Hafez, E. H., & Mohie El-Din, M. M. (2021). The Weibull generalized exponential distribution with censored sample: estimation and application on real data. Complexity, 2021(1), 6653534.

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- Alshenawy, R., Al-Alwan, A., Almetwally, E. M., Afify, A. Z., & Almongy, H. M. (2020). Progressive type-II censoring schemes of extended odd Weibull exponential distribution with applications in medicine and engineering. Mathematics, 8(10), 1679.
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