

Alaa-Al-Din Maghawry Shehata Gadallah

Assistant Professor of Mathematics

Thebes Higher Institute for Engineering, Thebes's Academy

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Curriculum Vitae

Personal Information

Name: Alaa-Al-Din Maghawry Shehata Gadallah (A. M. Gadallah)
Nationality: Egyptian
Gender: Male
Date of Birth: April 7th 1977
Military Service: Fully Exempted
Marital Status: married
Place of Birth: Cairo, Egypt
Home Address: 27 Gamal Abdel Nasser Street Of Kafr Tohormos Buildings
Street, Faysel.
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Degrees

- B.Sc. "department of Special Mathematics" with final grade "VERY GOOD", 2000, Faculty of Science, Al-Azhar University.
- M.Sc. in Mathematics (Mathematical Statistics), Al-Azhar University- Cairo–Egypt, 2002-2006.

- Ph.D. in Mathematics (Mathematical Statistics), Al-Azhar University - Cairo - Egypt, 2009-2013.
- Assistant Professor in Mathematics (Mathematical Statistics), 2024.

List of Publications

- 1) M. A. W. Mahmoud and A. M. Gadallah, "Moment Inequality of NBU_{mgf} with Testing Hypotheses Application." International Journal of Reliability and Applications Vol. 13, No. 2, 57-69, 2012.
- 2) M. A. W. Mahmoud, M. E. Moshref, A. M. Gadallah and A. I. Shawky, "New classes at Specific Age: properties and testing hypotheses." Journal of Statistical Theory and Applications, Vol. 12, No. 1, 106-119, 2013.
- 3) M. A. W. Mahmoud, M. E. Moshref and A. M. Gadallah, "On HNBUE Class after Specific Age." Journal of the Egyptian Mathematical Society, 21, 82-87, 2013.
- 4) M. A. W. Mahmoud, M. E. Moshref and A. M. Gadallah, "On NBUL Class at Specific Age." International Journal of Reliability and Applications Vol.15, No. 1, 11-22, 2014.
- 5) A. M. Gadallah, "On NBU_{mgf} Class at Specific Age." International Journal of Reliability and Applications. Vol. 17, No. 2, 107-119, 2016.
- 6) A. M. Gadallah, "Testing EBU_{mgf} Class of Life Distribution based on Goodness of Fit Approach." Journal of Statistical Theory and Applications. Vol. 15, No. 2, 161-168, 2016.
- 7) A. M. Gadallah., "Testing EBU_{mgf} Class of Life Distribution based on Laplace Transform Technique." Journal of Statistics Application & Probability. Vol. 6, No. 3, 471-477, 2017.
- 8) M. A. W. Mahmoud, E. M. A. Hassan and A. M. Gadallah, "On NRBUL Class of Life Distributions." Journal of the Egyptian Mathematical Society. Vol. 28, No. 3, 489-496, 2018.
- 9) A. M. Gadallah, B. I. Mohammed, Abdulhakim A. Al-Babtain, Saima Khan Khosa, Mutua Kilai, M. Yusuf and M. E. Bakr, "Modeling various Survival Distributions using A Non-Parametric Hypothesis Testing based on Laplace Transform Approach with some Real Applications." Computational and Mathematical Methods in Medicine. Article ID 5075716, 2022.

- 10) M. E. Bakr, Arwa M. Alsahangiti and A. M. Gadallah," Modeling Survival Distributions For Certain Real-World Applications Using Nonparametric Hypothesis Testing." *Journal of Statistics Application & Probability*. Vol. 12, No. 3, 1133-1142, 2023.
- 11) M. E. Bakr, B.M. Golam Kibria and A. M. Gadallah," A new Non Parametric Hypothesis Testing with Reliability Analysis Applications to Model Some Real Data." *Journal of Radiation Research and Applied Sciences*. Vol. 16, No. 4, 100724, 2023.
- 12) M.E. Bakr, E. S. El-Atfy, Oluwafemi Samson Balogun, Yusra A. Tashkandy and A. M. Gadallah," Statistical Insights: Analyzing Shock Models, Reliability Operations and Testing Exponentiality for $NBRU_{mgf}$ Class of Life Distributions." *Eksploratacja I Niezawodność -Maintenance and Reliability*. Vol. 26, No 2, 2024.
- 13) M. E. Bakr, A. A. El-Toony, Amani Almohaimeed and A. M. Gadallah," Advancements in Laplace Transform Techniques: Performing non-Parametric hypothesis testing on real-world data through statistical analysis." *AIP Advances*. Vol. 14, 035118, 2024.
- 14) M. E. Bakr, Oluwafemi Samson Balogun, A. A. El-Toony, and A. M. Gadallah," Reliability Analysis for Unknown Age Class of Lifetime Distribution with Real Applications in Medical Science." *Symmetry*. Vol. 16, 1514, 2024.

Reviewer of multiple journals such as the Journal of Testing and Evaluation, Pakistan Journal of Statistics, Plose One, etc.

Positions

- Lecturer of Mathematics, Thebes Higher Institute for Engineering Thebes's Academy, Cairo, Egypt: 2014-until now.
- Head of Basic Sciences Department, Thebes Higher Institute for Engineering, Thebes's Academy, Cairo, Egypt: 2022-2023.
- Lecturer of Mathematics, Higher Institute of Engineering and Technology, Arish, Egypt: 2013-2014.
- Assistant Teacher of Mathematics, Higher Institute of Engineering and Technology, Arish, Egypt: 2011-2012.
- Teacher of Math at Fouad Mohe-Al-Din Institute :2004-2011
- Teacher of Math (English) for Preparatory and Secondary stages at Al-Ola Modern Language Private Schools: 2001-2004.
- Demonstrator of Mathematics, Faculty of Science, Al-Azhar University, part time: 2001-2003.

Courses

Attended and met the standards required for the completion of training courses in

1. Use of Technology in Teaching. FLDC, Cairo University, 2022.
2. Critical Thinking. FLDC, Cairo University, 2022.
3. Legal and Financial Aspects in University Environment. FLDC, Cairo University, 2022.

Quality Courses

Attended and met the standards required for the completion of training courses in

1. Program/Course Specifications and Assessment of ILOs: Faculties and Institutes of Higher Education. NAQAAE. 2024.
2. Exams and Students Assessment Systems: Faculties and Institutes of Higher Education. NAQAAE. 2024.
3. Teaching Strategies and Effective Learning Planning: Faculties and Institutes of Higher Education. NAQAAE. 2024.
4. Strategic Planning: Faculties and Institutes of Higher Education. NAQAAE. 2024.
5. Preparing the self-study according to the institutional accreditation standards, 2015 edition. NAQAAE. 2024.

Classification

Major Specialist: Pure Mathematics.

Specialist: Mathematical Statistics.

Particular Specialist: Reliability theory, Testing hypothesis and Estimation.

Curriculum can be taught: *Calculus, Advanced engineering mathematics, Discrete math, Statistics and Probability theorem, Statistical inference and Numerical analysis.*

Language Skills

English: Very good.

Computer Skills

- All Microsoft windows and Office environments.
- Latex, Scientific workplace, SPSS and Mathematica.