CURRICULUM VITAE

Personal Bio

Name: Mohamed Husien Eid
Department Of Eng. Mathematics and Physics, Faculty of Eng.-Shoubra, Benha University
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Qualifications

Ph. D : 1996 Zagazig University   – Pure Mathematics
M. Sc : 1990 An-Shams University – Pure Mathematics
B. Sc : 1983 El-Mnofia University – Mathematics

Work Experience

Demonstrator: 1985 – 1990,   Faculty of Eng.-Shoubra, Benha University
Ass. Lecturer: 1990 – 1996,   Faculty of Eng.-Shoubra, Benha University
Lecturer: 1996 till now, Faculty of Eng.-Shoubra, Benha University

Lecturer: 1997 – 2007,   Higher Technological Institute - Ramadan Tenth City
                2003 – 2004,   October 6 University
                2004 – 2014,   Engineering Higher Institute , Culture and Science City
                2007 till now, Modern University For Technology and Information

Education History

El-Mnofia University: 1979 – 1983, B. Sc, Mathematics
An-Shams University: 1986 – 1990, M. Sc, Pure Mathematics (Algebra)
                    (Title: On Kalmagrov Homology Theory)
Zagazig University: 1992 – 1996, Ph. D, Pure Mathematics (Mathematical Programming)
                    (Title: On Integer Multi- criteria Decision Making Problems)

Current Teaching Expertise

1-Courses at under graduate level

- Analytical and Solid Geometry
- Differential and Integral Calculus
- Differential Equations
- Advanced Calculus
- Complex Analysis
- Matrices and Linear Algebra
- Numerical Analysis
- Special Functions

2- Courses at post graduate level
- Linear Algebra
- Mathematical Programming
- Operations Research

Current Research Activities
• Operations Research • Mathematical Programming • Multi Criteria Decision Making
Other Activities

Workshops and Conferences

- 30th annual conf. on statistics, computer science and O. R, Cairo Uni., 1995.
- Operations Research and Its Applications, Faculty of science, Cairo Uni., 1998.
- International conf. on multi-criteria decision making, Cairo, 2001.
- 38th annual conf. on statistics, computer science and O. R, Cairo Uni., 2003.
- International conf. on parametric optimization and related topics, Cairo, 2005.
- National Authority for Quality Assurance and Accreditation of Education, 2010.
  - Learning outcomes and curriculum maps for higher education institutions.
  - Institutional self – evaluation for higher education.
  - External review of higher education institutions.
- Computer Skills: Windows, Word, E – Presentation, 2011.
- Staff Skills: Effective Presentation, Effective Communication, Time Management, 2011.

Ph. D / M. Sc Supervision

M. Sc thesis: An Adaptive Intelligent System for Multiobjective Optimization Problems, 2011.

M. Sc thesis: A Study On The Reliability Of Some Standby Systems, 2013.

M. Sc thesis: A Study On Bi-Level Multi-Objective Programming Problems, 2014

Ph. D thesis: On Multiobjective Nonlinear Programming Problems Under Uncertainty, 2014.

M. Sc thesis: Advanced Statistical Analysis Modeling for Arabic Speech Recognition, In progress.

Published Books

1) Lectures in Mathematics for Engineering Students (Part I) , Cairo (2001).
2) Lectures in Mathematics for Engineering Students (Part II), Cairo (2001).
3) Linear Algebra, Cairo (2004).
4) Lectures in Mathematics, Differential and Integral Calculus, Cairo (2012).
5) Algebra, Cairo (2015)

Public Output

Publications

1. A.M Azmy and **M.H.Eid (1999);** Cost-optimum design for shear reinforced concrete beams, ACI Structural Jor., U.S.A, Vol.96, No.1, pp 122-126.
2. A.M Azmy and **M.H.Eid (1999);** Cost-optimum design of reinforced concrete beams

based on strength, ductility and serviceability requirements and practical considerations; Jor. of Eng. and applied science, Cairo Uni., Vol.46, No.3, pp 435-452

3. A.M Azmy and **M.H.Eid (2000);** Minimum cost for complete design of reinforced concrete beams based on ACI requirements and architectural consideration; Jor. of Eng. and applied science, Cairo Uni., Vol.47, No.3, pp 483-502

4. A.M Azmy and **M.H.Eid (2001);** Multi-criteria optimum design for reinforced concrete isolated footing; International conf. on multi-criteria decision making, Cairo.

5. **M.H.Eid** and A.A.Tharwat **(2003);** Parametric study on the design of reinforced concrete beams; 38th annual conf. on statistics, computer science and operations research, Cairo Uni., Egypt.

6. **M.H.Eid (2005);** A goal programming approach for treating integer multiobjective programming problems; International conf. on parametric optimization and related topics, Cairo.

7. A.Shaker, M.M.Hasan, **M.H.Eid** and K.M.Zaky **(2005);** Classification and generalization approach for the automatic extraction of buildings from high resolution satellite images; Civil Eng. Res. magazine, Al-Azhar Uni. Vol.27, No.3, pp 658-668.

8. **M.H.Eid (2005);** An algorithm for solving multi-criteria integer programming problems; Sci. Bulletin, Fac. of Eng., Ain Shams Uni., Vol.40, No.3, pp 945-952.

9. Ibrahim A. Baky, **M.H.Eid** and Mohamed A. Elsayed **(2013);** Bi-Level Multi-Objective Programming Problems With Fuzzy Parameters: TOPSIS Approach, The 38th International Conference for Statistics, Computer Science and Its Applications, Cairo, Egypt.

10. M.S.A.Osman, **M.H.Eid** and M.A.Elsisy **(2013)**; Lagrangian Duality And Saddle Point Optimality Conditions Of Rough Nonlinear Optimization Problem When Roughness In The Feasible Region, International Journal of Mathematical Archive, Vol.4, No.5 , India.

11. Ibrahim A. Baky, **M.H.Eid** and Mohamed A. Elsayed **(2013)**; Bi-Level Multi-Objective Programming Problems With Fuzzy Demands: A Fuzzy Goal Programming Algorithm, Journal of Operational Research Society, India.

Special Skills

Language Skills:	Language	Reading	Speaking	Writing	
	Arabic	Good	Good	Good	
	English	Good	Good	Good	