

Curriculum Vitae (CV)

Full Name

Mohamed Abd-el Aati Maati Mohamed



Personal Information:

Academic Rank: Assistant professor of Mathematics – Head of Basic Sciences

Department: Basic Science

Specialization: Mathematics

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Education:

Degree	Discipline	Institution	Year
Ass. Prof.	Pure Mathematics		2002
Ph.D.	Mathematical programming	Ain Shams University	1991
M.Sc.	Mathematical programming	Ain Shams University	1982
B.Sc.	Pure Mathematics	Ain Shams University	1977

Academic Experience:

Institution: Higher Technological Institute 10th of Ramadan city -Egypt

Rank: Chairman of Basic Sciences Department

Dates: 1/9/2012 till now

Institution: Higher Technological Institute 10th of Ramadan city -Egypt

Rank: Chairman of Technological Business Department

Dates: 1/9/2009 till 31/8/2012

Institution: Higher Technological Institute 10th of Ramadan city -Egypt

Rank: Assistant Professor of Pure Mathematics

Dates: 2008 till now

Institution: Higher Technological Institute 10th of Ramadan city -Egypt

Rank: Assistant Professor of Pure Mathematics

Dates: 1/9/2012 till now

Institution: Faculty of Science, Cairo University -Egypt

Rank: Assistant Professor of Pure Mathematics

Dates: (2002 -2008).

Institution: Faculty of Science, Cairo University -Egypt

Rank: Lecturer of Pure Mathematics

Dates: (1992 – 2002).

Institution: Faculty of Engineering, Helwan University -Egypt

Rank: Assistant Lecturer

Dates: (1982 – 1983).

Institution: Faculty of Engineering, Helwan University -Egypt

Rank: Instructor

Dates: (1978 – 1982).

Research interests:

- Numerical Method and Numerical Analysis
- Ordinary and Partial Differential Equations
- Linear Algebra
- Complex analysis

Publications:

- 1- “An Algorithm for Finding All the Efficient Solutions of Convex Vector Optimization Problems” , Proceed of the Third Conference On Operations Research and its Military Applications (ORMA) , MTC , Cairo , Egypt , 1989.
- 2- “ On An Iterative Approach to Parametric Goal Programming ”
Proceed of the Fourth Conference on Operations Research and its Military Applications (ORMA) , MTC , Cairo , Egypt , 1991.

- 3-“ On a Sensitivity Analysis for Multi-objective Nonlinear Programming Problems ” , Advances in Modeling and Simulation Techniques in Enterprises, AMSE Press , France 1993.
- 4-“ An Algorithm for Finding All the Efficient Solutions of Fuzzy Convex Multi-objective Nonlinear Programming Problems ” , Proceed of the Fifth Conference on Operations Research and its Military Applications (ORMA) , MTC , Cairo , Egypt , 1993.
- 5-“ On Fuzzy Continuous Static Games (Stakelberg Leader With Cooperative Followers “ , Proceed of the First International Conference on Operations Research and its Applications (HTI) , Cairo , Egypt , 1994.
- 6-“ On An Iterative Approach to Goal Programming “ , Proceed of the First International Conference on Operations Research and its Applications (HTI) , Cairo , Egypt , 1994.
- 7-“ On Fuzzy Transportation Models “ , Proceed of the thirty International Conference on Operations Research and its Applications , Institute of Studies Research , Cairo , Egypt , 1994.
- 8- “ A Fuzzy Multilevel Mathematical Programming “ , The International Conference of GAMM (Gesellschaft Fur Angewandte Mathematik) , Prague , Czech Republic , 1996 .

- 9-“ The Stability Notions for Fuzzy Nonlinear Programming Problems ” ,
Fuzzy Set and System , Aachen , Germany , (319-323) , 1997 .
- 10-“A Unified Algorithm for Solving Fuzzy Multi-objective Nonlinear
Programming Problems ” , Advances in Modeling and Simulation
Techniques in Enterprises, AMSE Press , France 2000.
- 11- “ Stability of Multi-criteria Quadratic Programming ” , Institute of
Mathematics and Computer Sciences , India , 2000.
- 12- " The Linear Goal Programming Problems In Rough Environment“ ,
Institute of Statistical Studies and Research (ISSR) , Cairo-Egypt , 2012.
- 13-“The Linear Goal Programming Problem In Rough Environment “ ,
International Journal of Mathematical Archive -4(10), 69-77, 2013 .
IJMA Available online through www.ijma.info ISSN 2229-5046
- 14-“ On the achievement stability set for parametric linear goal programming“,
Journal of Operational Research Society of India – Springer , 2015 .
- 15-“ A Two Dimensional Approach For Finding Approximated Solutions Of
Optimization Problems “ , International Journal Of Advanced Research ,
Volume 4 , Issue 2 , 1083-1090 , 2016 .

16- " Estimating the demand functions of the modified control model under certainty “ , Institute of Statistical Studies and Research (ISSR) , Cairo-Egypt , 2016 .

17- " An algorithm using least squares method with Bertrand model “ , Institute of Statistical Studies and Research (ISSR) , Cairo-Egypt , (2016) .

Teaching Experience:

1 - Instructor, Department of Mathematics - Faculty of Engineering, Helwan University, (1978 – 1982) .

2 - Assistant Lecturer, Department of Mathematics - Faculty of Engineering, Helwan University(1982 – 1983)

3 - Head of Systems Analysis and Computer Software Department- Suez Canal Bank of the (1983 – 1992) .

4 – Lecturer of Pure Mathematics and Computer Science - Faculty of Science, Cairo University (1992 – 2002) .

5 - Assistant Professor of Pure Mathematics and Computer Science - Faculty Cairo University (2002 -2008) .

6 - Assistant Professor of Pure Mathematics -Higher Technological Institute Tenth of Ramadan since 2008 till now .

7 - Chairman of Technological Business Department -Higher Technological

Institute Tenth of Ramadan since 1/9/2009 till 31/8/2012 .

8 - Chairman of Basic Sciences Department - Faculty of Engineering -Higher

Technological Institute Tenth of Ramadan since 1/9/2012 till now .

9 – Vice Dean of Higher Technological Institute Tenth of Ramadan since

1/10/2017 till 21/3/2018.

Courses taught

- Data Base and its Applications.
- Calculus (All Levels).
- Linear Algebra.