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 (Gesellshaft 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 tell 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.

<p style="text-align:center">**Courses taught**</p>

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