Personal:

Name	***MOHAMED MAHMOUD HASSAN***
Date of Birth	**February 21, 1949**
Place of Birth	**Assiut, Egypt**
Country of Citizenship	**Egypt**
Sex	**Male**
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Departmental Address	**Department of Electrical Engineering, Faculty of Engineering, Assiut University, Assiut, Egypt.**
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EDUCATION:

1978/1981	**PH.D. in Automatic Control from Control Systems Center, University of Manchester Institute Of Science and Technology (UMIST), Sackville Street, Manchester M15 IQD, England. Title of Ph.D. Thesis: “ Simplification of Large-Scale Systems”.**
1977/1978	**M.Sc. in Automatic Control from Control Systems Center, University of Manchester Institute Of Science and Technology (UMIST),**

Sackville Street, Manchester M15 IQD, England.

Title of M. Sc. Thesis:
“ Matching of outputs and States”.

1974/1976 **M. Sc. in Automatic Control from the Department of Electrical Engineering, Faculty of Engineering.**
Assiut University, Assiut, Egypt.
Title of M. Sc. Thesis:
“ Estimation of Control Vector for Discrete-Time Systems with Inaccessiable State Variables”.

1966/1971 **B. Sc. in Electrical Engineering (Communication Section) from**

The Department of Electrical Engineering, Faculty of Engineering, Assiut University, Assiut, Egypt.

CURRENT STATUS:

Associate Professor

SPECIALIZATION:

Major **Automatic Control**
Other **Digital Control**

RESEARCH PAPERS:

1) M.M. Hassan, and M.H. Amin, “ Time-Optimal output deadbeat regulators with internal Stability for all classes Of invertible systems ’’, Int.J. Control, 1989, Vol. 49, NO. 1,PP. 73-95.

2) M.H. Amin and M.M. Hassan, “ Determination of invariant zeros And zero directions of the system S(A,B,C,E)”, Int.J. Control, 1988, Vol. 47,No. 4,pp.1011-1041.

3) M.H. Amin and M.M. Hassan , “ Time-Optimal output regulators for linear multivariable Discrete-time systems- Part 2. All classes of right invertible system”, Int.j. Control, 1987, Vol. 46,No. 4, pp. 1411-1428.

4) M.M. Hassan and M.H. Amin, “Time-Optimal output regulators for linear multivariable discrete-time systems- Part 1.Right invertible decouplable systems”, Int. j. Control, 1987, Vol. 46, No. 3, pp. 865-879.

5) M.M. Hassan and M.H. Amin, “Recursive Eigenstructure assignment in linear system”, Int. J. Control, 1987, Vol. 45, No. 1, pp. 291-310.

6) M.H. Amin and M.M. Hassan,” A decentralized compensator for Load-frequency control “, Journal A, Benelux Quarterly Journal on Automatic Control, 1987, Vol. 28, No. 1, PP. 10-17.

7) M.H. Amin and M.M. Hassan , “ Comments on ,”on optimal pole assignment in a specified region”, Int. J. Control ,1985, Vol. 41, No. 6,PP. 1631-1632.

8) M.M.M. Hassan and P.A.Cook, “ The simplification of linear discrete-time systems by model-following methods”, Int. J. Control, 1981, Vol. 34, No. 3, PP. 465-500.

9) P.A. Cook and M.M.M. Hassan , “The use of model following methods to simplify linear systems”, Large Scale Systems, 1981,Vol.2, PP.123-142.

10) A. Saleh, I. Ziedan, and M.M. Hassan, “ Estimation of the Control vector for discrete systems with inaccessible State-variables”, Bulletin of the Faculty of Engineering, Assiut University, Assiut, Egypt, Vol. 6, Part 2, PP. 105-132.

11) A. Saleh, I. Ziedan, and M.M. Hassan, “The use of model following methods to generate sub optimal feedback Controls for discrete systems”, Bulletin of the Faculty of Engineering, Assiut University, Assiut, Egypt, Vol. 6, Part 2, PP. 133-148.

AWARDS AND SCHOLARSHIPS:

1977/1981 Was offered Higher Ministry of Education, Egyptian Government Scholarship to obtain Ph.D. Degree in Automatic Control at Control Systems Centre, UMIST, Manchester M15 IQD, England.

POSITION HELD:

1971/1976 Demonstrator at the Department of Electrical Engineering, Faculty

Of Engineering, Assiut University, Assiut, Egypt.

1976/1977 Assistant Lecturer at the Department of Electrical Engineering, Faculty Of Engineering, Assiut University, Assiut, Egypt.

1981/1986 Lecturer at the Department of Electrical Engineering, Faculty of Engineering, Assiut University, Assiut, Egypt.

1986/1988 Assistant Professor at the Department of Electrical Engineering, Faculty Of Engineering, Jordan University of Science and Technology, Irbid, Jordan.

1988/1991 Associate Professor at the Department of Electrical Engineering, Faculty of Engineering, Jordan University of Science and Technology, Irbid, Jordan.

1991/1996 Assistant Professor at the Department of Electrical Engineering, Faculty of Engineering, Assiut University, Assiut, Egypt.

1996/1998 Associate Professor at the Department of Electrical Engineering, Faculty of Engineering, Philadelphia University, Jordan.

1998/2000 Dean of the Faculty of Engineering, Philadelphia University Jordan.

2000/2001 Associate Professor at the Department of Electrical Engineering, Philadelphia University, Jordan.

2001/Present Assistant Professor at the Department of Electrical Engineering Faculty Of Engineering, Assiut University, Assiut, Egypt.

COURSES TAUGHT

1) System Analysis.
2) Electronic Measurements.
3) Automatic Control.
4) Applied Mathematics.
5) Linear Algebra.
6) Linear Systems.
7) Nonlinear Systems.
8) Digital Control.
9) Electronics.
10) Electronic Circuits.
11) Logic Circuits.
12) Instrumentation
13) Instrumentation Lab.
14) Control Systems Lab.

REFERENCES:

Academic, Personal, and Employment

Faculty of Engineering,

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Manchester Institute,

Sackville Street,

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Professor A. I. Saleh,
Electrical Engineering Department,

Assiut University, Assiut, Egypt.

Dr. P. A. Cook,
Control Systems Centre, University of

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