

Curriculum vitae



Personal information:

First name : Sherif
Surname : Abdel Rahman Abdel Rahman Elatriby
Gender : Male
Date of birth : Jan 2, 1979
Place of birth : Maser el Kadimma – Cairo – Egypt
Address : 102 Emtedad Elamal Towers, Autostrad Elmaadi
, Elmaadi, Helwan
Marital state : Married, Two Daughters
Military service: Free
E-mail address : elatribysherif@hotmail.com - elatribysherif@eng.helwan.edu.eg
Phone Number : +20 2 27007168
Mob Number : +20 11 4067598
I.D. Number : 01 04391 – National number
Drive license No : 838469 - private

Qualifications:

Discipline : M.Sc. of Engineering
Specialization : Production Engineering
Faculty : Faculty of Engineering – Mechanical Eng. Dept.
University : Helwan University

B.Sc. Information:

Education Period : (1995-1996) – (1999-2000)

Rate of appreciation through five years:

Preparatory year : **Very Good**
First year : **Excellent 86.1%**
Second year : **Very Good 83.7%**
Third year : **Excellent 86.18%**
Fourth year : **Excellent 86.4%**

Graduation project: [CAD-CAM generation via pro-Engineer software]

Graduation rate of appreciation:

Very Good 84.33%, Honor Degree, the First

M.Sc. Information:

Education Period : (2001) – (2006)

Preparatory rate of appreciation: *Very Good 87.7%*

Thesis title:

**Artificial Neural Network Analysis
of Freeform Surface's Tool Path Generation**

Ph.D. Information:

Education Period : (2006) – Till now

Preparatory rate of appreciation : *Very Good 86.7%*

Qualification material for Ph.D. :

- *Artificial Neural Network Applications*
- *Imaging and Image processing Applications*

Registered thesis under title of :

Reconstruction of 3D Freeform Objects Using Imaging Techniques

Training information

Date of training	Training	Period
Summer 2000	Maintenance and installation of hydraulic equip. (Shehab Engineering Agent)	Two months
Summer 2001	Introduction and programming course of Matlab	2 Weeks
Summer 2002	Neural networks design using Matlab	2 Weeks
Summer 2004	Methods of scientific research "Helwan University"	4 Days
Summer 2006	Communications skill course "Helwan University"	3 Days
Summer 2008	Know About Business (KAB)	1 week

List of Publications:

Conf. (1): PEDD 2002

Conference of Production Engineering for Design and Development

*Paper: Proposed Solution for Incompatibility Problem between CAD/CAM
Package and CNC machine*

Conf. (2): INES 2003

International Conference on Intelligent Engineering Systems

Paper: Freeform Surface Analysis using Neural Network Technique

Conf. (3): PEDAC Alex 2004

8th International Conference on Production Engineering Design and Control

Paper: Freeform Surface Approximation using Hybrid Neural Network System

Computer skills and software:

Microsoft windows, *Microsoft* word, *Microsoft* excel, *Microsoft* power point, *Microsoft* Visual Basic V 5.0, AutoCAD R. 12-13-14-2000, CNC programming & G-code programming, *Pro-Engineer* (CAD, Plastic advisor, sheet metal, molding, and CAM) V. 18 -20 -2000i -2000i² -2001 – wildfire 1,2,3,4 and 5, *MatLAB*, and *Neural Network's* Programming.

Current occupation:

Assistant lecturer, in:

Mechanical Engineering Dept.

Faculty of engineering

Helwan University

Employing date:

12-12-2000 – until now.

Teaching subjects:

- ⊗ Strength of material (10 years)
- ⊗ Material testing LAB. (10 years)
- ⊗ Metal cutting and machining operations (9 years)
- ⊗ Measurement systems (8 years)
- ⊗ Composite material (2 years)
- ⊗ CNC machining, and part programming (3 Years)
- ⊗ Machine Tools Design (2 Year)
- ⊗ AutoCAD drawing (2D) (1 years)
- ⊗ Pro-Engineering (CAD/CAM and NC preparation)(4 year)

Language information:

Language	Level	Score
English	Very Good	TOEFL (564)
French	Secondary Education level	
Deutsch	Secondary Education level	

Work Interests:

- ⊗ Complex parts remanufacturing using imaging
- ⊗ Complex parts remanufacturing using digitizing (CMM)
- ⊗ Freeform surface fabrication
- ⊗ Reproducing of dental parts via imaging
- ⊗ CAD/CAM systems
- ⊗ Pro-Engineer [Modeling, Sheet metal, Assembling, NC machining, CMM, FEM ,Mechanism ,Plastic injection and casting]
- ⊗ Apt and G-code Programming

Reference Persons

Prof. Dr. Abdelaziz Hegazy,

Senior Lecturer, Mechanical Engineering Department,
Helwan University

E-mail hegazyaa@hiscairo.com

Mob. (+20)-123160765

Prof. Dr. Abdelhay Mohamed Abdelhay,

Senior Lecturer, Mechanical Engineering Department,
Helwan University

E-mail abdelhay1953@yahoo.com

Mob. (+20)-126544545

Prof. Dr. Mohamed Etman,

Senior Lecturer, Mechanical Engineering Department,
Helwan University

E-mail metman_98@yahoo.com

Mob. (+20)-127735855

Prof. Dr. Morcos Ghobrial,

Head of Mechanical Engineering Department,
Helwan University

E-mail morcosibrahim@yahoo.com

Mob. (+20)-129781038

Associate. Prof. Dr. Azza Barakat,

Senior Lecturer, Mechanical Engineering Department, Helwan University

E-mail barakatazza@hotmail.com

Mob. (+20)-129781038

Prof. Dr. Tawfeek Tawfeek Elmidany,

Senior Lecturer, Mechanical Engineering Department,
Elmansoura University.

E-mail

Mob. (+20)-101670210