

# Curriculum Vitae

**Noura Abd El-Moez Semary**

**Faculty of Computers and Information**

**The University of Menoufyia**

**EGYPT**



## Personal Information :

**Name :** Noura Abd El-Moez Semary

**Gender :** Female

**Birth Date :** 10/ 11/ 1979

**Nationality :** Egyptian

**Martial Status :** None

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## Education:

- 1997- 2001 Bachelor of Computers and Information – Cairo University - Information Technology Department - Very Good grade with honor.
- 2001- 2002 ITI scholarship- Very Good grade.
- 2003- 2007 Master of Computers and Information – Monofiya University – Information Technology Department.

## Academic appointments

- 2003- 2007 Master student
- 2007 PHD student

## Administrative appointments:

- 2003- 2007 Demonstrator
- 2007 **Associate Professor**

## Publications:

- **BOOKS**

[1]

- **BOOK REVIEWS**

- [1] Prof. Dr. Said El Saied El-Khamy
- [2] Prof. Dr. Moawad Ibrahim Dessoky
- [3] Prof. Dr. Mohiy Mohamed Hadhoud
- [4] Prof. Dr. Nabil Abdel Wahid Ismail

- **CHAPTERS IN BOOKS**

Chapter [1]

- **ABSTRACTS:**

- [1] *We have proposed a new technique for computer coloring gray scale images. This technique works for texture based images like natural scenes. It's based on segmenting the image into different regions according to their textures and then classifying these textures to predefined texture classes to get their real colors. Recognition of these textures is performed by matching these textures with a training set stored in a special database. Most of authors working in coloring of gray scale images have used primitive methods for coloring which are both inaccurate and limited. At the end of this paper we show that our coloring system has succeeded to colorize the natural gray images with real colors in high quality.*

- **PAPERS PRESENTED IN CONFERENCES AND SEMINARS:**

- [1] A Texture Recognition Coloring Technique for Natural Gray Images.
- [2] Texture Recognition Based Natural Gray Images Coloring Technique.
- [3] Virtual Reality for E-Learning Applications.

- **CONFERENCES / WORKSHOPS ATTENDED:**

- [1] 24th NATIONAL RADIO SCIENCEE CONFERENCE (NRSC2007) March 13-15, 2007, Faculty of Engineering, Ain shams University, Egypt
- [2] The Fourth International Internet Education Conference ICT-Learn 2005 Towards Information Society, WSIS II September 6 - 8, 2005 Ramses Hilton Hotel, Cairo, Egypt

### Field of Research Interest:

- Image Processing
- Computer Vision
- Pattern Recognition

### Teaching experience

#### Undergraduate Courses

- There are about 40 courses, would you mean it?

#### Potential and ability to teach the following courses:

- Multimedia
- Image Processing
- Pattern Recognition
- Computer vision
- Virtual reality
- Animation

### Software:

- Matlab
- Visual C++
- C++ Builder
- V-Realm Builder