

## Curriculum Vitae

---

---

### PERSONAL PARTICULARS

---

---

**Name** Tarek Salah Elsheshtawy  
Aboelenen

**Date of Birth** 28 Mar 1985

**Age** 26

**Gender** Male

**Passport No.** A06396811

**Nationality** Egyptian

**Marital Status** Married

**Tel.** +201007087990

**Home page** [http://www.aun.edu.eg/membercv.php?M\\_ID=4537](http://www.aun.edu.eg/membercv.php?M_ID=4537)

**Email Address(s)** [tarek.aboelenen@aun.edu.eg](mailto:tarek.aboelenen@aun.edu.eg)



---

---

### EDUCATION QUALIFICATIONS

---

---

#### 1) Bachelor Degree (B.Sc.)

**University** Assiut University

**Country** Egypt

**Period** 2002 – 2006

**Major** *Mathematics*

**Grade Point  
Average** *87.57%*

**2) Master Degree (M.Sc.) in mathematics**

**University** *Assiut University*

**Country** *Egypt*

**Period** *2008 – 2011*

**Major** *Scientific Computing*

***MSc Thesis Title***

*Numerical Treatment of Differential and Integral Equations by Spectral Methods*

---

---

**STATEMENT OF RESEARCH INTERESTS**

---

---

**I'm interested in Mathematical analysis and numerical methods, types of censoring, *Spectral methods , Finite elements methods; Spectral elements methods for partial differential equation with applications in engineering and natural sciences.***

*I have strong knowledge of Matlab and Fortran and I'm familiar with Mathematica. At present, I'm working as an Assistant Lecturer in Mathematics Department – Faculty of Science – Assiut University.*

---

---

## WORKING EXPERIENCE

---

---

| <b><u>Period</u></b>   | <b><u>Employer</u></b>                                                                                  | <b><u>Designation</u></b> |
|------------------------|---------------------------------------------------------------------------------------------------------|---------------------------|
| JAN 2007 -<br>OCT 2011 | <i>Computer Science and<br/>Mathematics Department –<br/>Faculty of Science - Assiut<br/>University</i> | <i>Demonstrator</i>       |
| OCT 2011 Till<br>Now   | <i>Computer Science and<br/>Mathematics Department –<br/>Faculty of Science - Assiut<br/>University</i> | <i>Assistant Lecturer</i> |

---

---

## PUBLICATIONS

---

---

| <b><u>Year</u></b> | <b><u>Publications</u></b>                                                                                                                                                                                                                |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2010               | <i>H. M. El-Hawary and T. S. El-Sheshtawy, Spectral Method for Solving The General Form Linear Fredholm - Volterra Integro Differential Equations Based on Chebyshev Polynomials, Journal of Modern Methods in Numerical Mathematics.</i> |
| 2010               | <i>H. M. El-Hawary and T. S. El-Sheshtawy, Pseudospectral integration matrix, In The Third Scientific Conference For Young Researchers Basic Science Technology..</i>                                                                     |
| 2011               | <i>H.M. El-Hawary and T. S. El-Sheshtawy, Ultraspherical Pseudospectral Integration Method, In The 2<sup>nd</sup> International Conference on Mathematics and Information Science (ICMIS 2011)</i>                                        |

- 2011 **T. S. El-Sheshtawy, H. M. El-Hawary, and Salah E. El-Gendi, Numerical Treatment of Differential and Integral Equations by Spectral Methods, LAP LAMBERT Academic Publishing (October 13, 2011)**
- 2012 **H.M. El-Hawary and T. S. El-Sheshtawy, Ultraspherical Pseudospectral Integration Method, international mathematical forum (submitting)**

---



---

## **ORAL PRESENTATIONS**

---



---

- | <b><u>Year</u></b> | <b><u>Presentation</u></b>                                                                                                                                          |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>2010</b>        | <b>T. S. El-Sheshtawy, Pseudospectral integration matrix, In The Third Scientific Conference For Young Researchers Basic Science Technology.</b>                    |
| <b>2011</b>        | <b>T. S. El-Sheshtawy, Ultraspherical Pseudospectral Integration Method, In The 2ndInternational Conference on Mathematics and Information Science (ICMIS 2011)</b> |

---

---

**GRADUATE COURSES ATTENDED**

---

| <b><u>Year</u></b> | <b><u>Course description</u></b>                                                                                                                                                                           | <b><u>Institute</u></b>  |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| 2009               | <i>Numerical analysis.<br/>Special course in mathematics.<br/>Ordinary and Partial Differential<br/>Equations.<br/>Mathematical Statistics.<br/>Linear Algebra.<br/>Functional Analysis.<br/>Workshop.</i> | <i>Assiut University</i> |

---

---

## REFERENCES

---

| <u>Name</u>                               | <u>Position</u>                                                             | <u>contact information</u>                                                                                                                                                                                                            |
|-------------------------------------------|-----------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Prof. Hassan<br>M. El-Hawary              | Professor of Mathematics,<br>Dean, Faculty of Science<br>Assiut University. | Email:<br>h_elhawary2006<br>@yahoo.com<br>Phone:00201239715<br>88<br>Website: <a href="http://www.aun.edu.eg/membercv.php?M_ID=272">http://www.<br/>aun.edu.eg/memberc<br/>v.php?M_ID=272</a>                                         |
| Prof. Nassar H.<br>Abdel-Al Abo<br>Shosha | Professor of Mathematics,<br>Faculty of Science<br>Assiut University        | Email:<br>nhabdeal2002@yaho<br>o.com<br>Phone:00208832560<br>6<br>Website: <a href="http://www.aun.edu.eg/membercv.php?M_ID=184">http://www.<br/>aun.edu.eg/memberc<br/>v.php?M_ID=184</a>                                            |
| Prof. Salah E.<br>El-Gendi                | Professor of Mathematics,<br>Faculty of Science<br>Assiut University.       | Email: <a href="mailto:elgendi2001@yahoo.co.uk">elgendi2001@<br/>yahoo.co.uk</a><br>Phone:<br>002088/334914<br>Website: <a href="http://www.aun.edu.eg/membercv.php?M_ID=19">http://www.<br/>aun.edu.eg/memberc<br/>v.php?M_ID=19</a> |