

## C.V.

### I. Personal data:

Assist. Prof. Dr. Abdalftah Elbasir Gumah Elbori

Nationality: Libyan.

Date of birth: 23/05/1981

Place of birth: Tarhona, Libya.

Marital Status: Married

E-mail: abdalftah81@yahoo.com.

Telephone: 00218945351594

### II. Current position:

Head Of Mathematics Department and Lecturer in Faculty of Science Azzaytuna University.

### Education:

**1998-2002:** Bachelor's degree, Nasser university, Project: 'Integrals, General average (86.36)

*(I was the first one in the class and the third one in the faculty of Arts and Science in 2002)*

**2002-2005:** Accountant in high Minister financial in Tarhuna.

**2006-2007:** Master degree, in Heriot Watt University in Scotland, at Department of Applied Mathematics and Computer Science by General average AB with thesis with **Title Bifurcation and Stability.**

**2008-2013:** Lecturer in Nasser University

**2013-2018:** Ph.D. degree in MODES "*Modeling and Design of Engineering Systems*" in Atilim University Turkey by General average 3.93 with high **Honor student** with title of thesis **Optimization of Central Patterns Generators.**

**Teaching:**

I had taught students in different high technology institutes & universities:

<b>Subjects</b>	<b>Time</b>	<b>Place</b>
Maths I, II, III	Three semesters, 2003-2004	high technology institute/Tarhona
Optimization	One semester, 2008-2009	Nasser Nation University
ODEs & PDEs	Two semesters, 2009-2010	Nasser Nation University
Linear Algebra, Probability, Matlab & Control Engineering	Two semesters, 2011-2013	Azzaytuna University
Simulation, Application of fraction ODE	Spring Semester 2018	Atilim University & Ted University
Elective I, Complex I, ODE1	Fall Semester 2018	Azzaytuna University
Elective III, Calculus II, ODES	Spring Semester 2019	Azzaytuna University
Linear Programming, PDEs	Fall Semester 2019	Azzaytuna University

**Publication:**

- Abdalftah Elbori, Mehmet Turan, Kutluk.B.Arikan., Optimization of Central Patterns Generators, Journal of Engineering and Applied Sciences, 2017. 12(5): p. 1164-1172  
<https://medwelljournals.com/abstract/?doi=jeasci.2017.1164.1172>
- Abdalftah Elbori, Abdalsmd “Simulation of Simple Pendulum” International Journal of Engineering Science Invention 6 (2319 – 6734), 33-38  
[http://www.ijesi.org/papers/Vol\(6\)4/F06043338.pdf](http://www.ijesi.org/papers/Vol(6)4/F06043338.pdf)
- Abdalftah Elbori & Abdalsmd “Simulation of Double Pendulum” Journal of Software Engineering and Simulation 3 (2321-3795), 1-13

[https://www.researchgate.net/publication/316120684\\_Simulation\\_of\\_Double\\_Pendulum](https://www.researchgate.net/publication/316120684_Simulation_of_Double_Pendulum)

- Abdalftah Elbori, Mehmet Turan, and Kutluk Bilge Arikan, Evaluation and Optimization of Nonlinear Central Pattern Generators for Robotic Locomotion. Journal of Control Engineering and Applied Informatics, Vol 20, No 3 (2018) .  
<http://www.ceai.srait.ro/index.php?journal=ceai&page=article&op=view&path%5B%5D=5549>

### **III. Conference:**

- Elbori, A.E.G., M. Turan, and K.B. Arikan, Optimization of Central Patterns Generators. 2017 “Istanbul 15-17 January 2017 AcademicFora”  
<https://academicfora.com/wp-content/uploads/2016/01/Full-Paper-Proceeding-ISE-317-107-1.pdf>
- Elbori, A.E.G., M. Turan, and K.B. Arikan “OPTIMIZATION OF CENTRAL PATTERN GENERATORS FOR DEFINING HUMAN LOCOMOTION” 7th International Conference on “Experiments/Process/System Modeling/Simulation/Optimization” 7th IC-EPSMSO Athens, 5-8 July, 2017  
[http://epsmsso.gr/conf\\_index/abstracts/ic\\_epsmsso\\_2017\\_abs\\_041.pdf](http://epsmsso.gr/conf_index/abstracts/ic_epsmsso_2017_abs_041.pdf)
- Abdalftah Elbori, Mehmet Turan, and Kutluk Bilge Arikan, Estimating Gait Patterns of One Leg by Using Central Pattern Generators. International Conference on Control, Automation, Robotics and Vision Engineering (ICCARVE) Istanbul, Turkey 22nd December, 2017  
[http://ijieee.org.in/paper\\_detail.php?paper\\_id=11040&name=Estimating\\_Gait\\_Patterns\\_of\\_One\\_Leg\\_by\\_using\\_Central\\_Pattern\\_Generators](http://ijieee.org.in/paper_detail.php?paper_id=11040&name=Estimating_Gait_Patterns_of_One_Leg_by_using_Central_Pattern_Generators)

### **IV. Interests**

- Reading Mathematics books.
- Learning: programmable languages, Visual Basic, Matlab. Latex, Maple, Damos, TEMA Motion – Image systems, SOLID WORK.
- English Language, Turkish language and Arabic Language.

