

## CV

1. Name Surname: **Buğçe Eminağa Tatlıcioğlu**
2. Birth date:
3. Title: Asst. Prof. Dr.
4. Education:

Degree	Field of Education	University name		Year
Undergraduate	Applied Mathematic and Computer Science	Eastern Mediterranean University		2008
Master	Applied Mathematic and Computer Science	Eastern Mediterranean University		2010
PhD	Applied Mathematic and Computer Science	Eastern Mediterranean University		2015

5. Academic Title:

Asst.Prof.Dr. , Girne American University 2015

6. Supervised Master and PhD Thesis
7. Publications

### 7.1 International SCI publications

Bilgehan, B., Eminağa, B.,Riza,M., “*New solution method for electrical systems represented by ordinary differential equation*”, *Journal of circuits, systems, and computers*, 1650011, Vol. 25, No. 2(February 2016).

### 7.2 International conference, Proceedings and Symposium

1) Eminağa B.,Riza M., ‘Volterra Runge Kutta Method’, International Conference On Applied Analysis and Mathematical Modelling(ICAAMM 2013) , 2-5 June 2013 Yildiz Technical University.
2) Eminağa B.,Riza M., ‘Multinomial Deutsch Algorithm’,International Symposium on Engineering, Artificial Intelligence and Applications 2013.
3) Bilgehan, B.,Eminağa, B.,“Continous time linear and nonlinear signal processing”, International Symposium on Engineering, Artificial Intelligence and Applications, 2014.
4) Aktore H., Eminağa, B, "A Modified Quadratic Lorenz Attractor" Third International Symposium on Engineering, Artificial Intelligence and Applications,2015. Accepted(ID: 0044-1006-0055)
5) Eminağa, B, Riza M. " The Bigeometric Taylor Theorem and its Application to The Bigeometric Runge Kutta Method" Third International Symposium on Engineering, Artificial Intelligence and Applications,2015. Accepted(ID: 0045-1006-0056)

6) B. Bilgehan, <b>B. Eminaga</b> , "New solution method for electrical systems represented by ordinary differential equations." Third International Symposium on Engineering, Artificial Intelligence and Applications, 2015. Accepted (ID: 0043-1005-0054)
7) Riza M., Aktore H. , Eminağa B., 'A Modified Quadratic Lorenz Attractor in Geometric Multiplicative Calculus', The 28th International Conference of The Jangjeon Mathematical Society (ICJMS 2015) , 15-19 May 2015 Antalya Turkey

### 7.3 Publication of book or chapter in a book

### 7.4 National publications

### 7.5 National conference, Proceedings and Symposium

### 7.6 Other Publications

- 1) M. Riza and B.Eminağa. Bigeometric Calculus: A-Modelling Tool ArXiv e-prints 1402.2877, Şubat 2014. (Submitted)
- 2) B.Eminağa., H. Aktore, & Riza M. , " A Modified Lorenz Attractor" ArXiv e-prints 1508.06840, (Submitted)

## 8. Projects

### 9. Administrative tasks

Head of Automotive Engineering Department(A.)	Girne American University	2015-..
ISEAIA2013 Organization Commity	GAU	2013
ISEAIA2014 Organization Commity	GAU	2014

### 10. Membership

### 11. Awards

### 12. Lecture courses offered within past two years

Akademik Yıl	Dönem	Dersin Adı	Haftalık Saati		Öğrenci Sayısı
			Teorik	Uygulama	
2013-2014	<b>Fall</b>	<i>Calculus 1</i>	3	2	205
		<i>Probability Theory</i>	2	1	100
	<b>Spring</b>	<i>Calculus 1</i>	3	2	130

		<i>Numerical Analysis</i>	2	1	40
		<i>Differential Equation</i>	3	1	80
	<b>Summer</b>	<i>Calculus 3</i>	3	2	21
		<i>Calculus 1</i>	3	2	37
2014-2015	<b>Fall</b>	<i>Calculus 1</i>	3	2	250
		<i>Probability Theory</i>	2	1	120
		<i>Kalkulus</i>	3	2	35
		<i>Numerical Analysis</i>	2	1	40