

CURRICULUM VITAE



Maged Z. Youssef

Professor

Last updated on May 21, 2018.

1. Web pages

1. <https://units.imamu.edu.sa/colleges/science/Admission/Pages/default.aspx>
2. <http://www.asu.edu.eg/arabic/staff/profile.php?action=show&pid=4151>
3. <http://www.tcr.edu.sa/en/mathematics/recentfacultydet.aspx?fileno=74253>
4. https://www.researchgate.net/profile/Maged_Youssef/
Reads: 2228 Citations:159
5. Google Scholar Citations:
<http://scholar.google.com/citations?user=4hAJABsAAAAJ&hl=en>

Citation indices	All	Since 2012
Citations	188	95
h-index	7	6
I10-index	6	3

6. ResearchID :K-1794-2016

URL: <http://www.researcherid.com/rid/K-1794-2016>

ORCID: <http://orcid.org/0000-0002-0365-1891>

7- Mendely:

https://www.mendely.com/stats/author?dgcid=raven_md_stats_email&event_id=72057594101717589

2. Personal Information

Full name: Maged Zakaria Youssef Abouelyamin

Address: Department of Mathematics, Faculty of Science,
Ain Shams University, Abbassia 11566, Cairo,
EGYPT.

Current address: Department of Mathematics and Statistics,
College of Science, Al-Imam Mohammad Ibn Saud
Islamic University(IMSUI), P.O. BOX 90950
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<mzabouelyamin@imamu.edu.sa>, and
<mzyoussef@sci.asu.edu.eg>

Nationality: EGYPTIAN

Languages: Arabic: Native. Written English: very good. Spoken
English: good.

Marital status: Married.

3. Research Interests

- Graph Theory (Including graph labelings, graph colorings, Eulerian and Hamiltonian circuits)
- Group Theory
- Number Theory

4. Teaching Interests

- Foundations of Mathematics
- Linear Algebra
- Abstract Algebra
- Calculus
- Discrete Mathematics
- Group Theory
- Ring and Field Theory
- Number Theory
- Geometry
- Differential Equations
- Statistics and Probability

5. Education

Ph. D. degree in Mathematics, Ain Shams University, Faculty of Science, June 2000. Thesis title:"On Harmonious, Graceful, and Prime Labelings of Graphs". Advisor: Prof. M. A. Seoud and Prof. N. Faried.

M. Sc. degree in Mathematics, , Ain Shams University, Faculty of Science, June 1997. Thesis title:"Labeling and Coloring of Graphs" . Advisor: Prof. M. A. Seoud.

B. Sc. degree in Pure Mathematics and Computer Sciences, Ain Shams University, Faculty of Science. Grade: Excellent with honor degree 93.43%, May 1991.

6. Teaching Experience

Professor, Department of Mathematics and Statistics, College of Sciences, Al-Imam Mohammad Ibn Saud Islamic University, Riyadh, Saudi Arabia from Apr. 2018 to date.

Associate Professor, Department of Mathematics and Statistics, College of Sciences, Al-Imam Mohammad Ibn Saud Islamic University, Riyadh, Saudi Arabia from Sept. 2013 to Apr. 2018

- Calculus
- Linear Algebra
- Graphs and Combinatorics
- Elements of Sets and Structures
- Modern Algebra
- Principles of Statistics

Assistant Professor, Department of Mathematics, Teachers' College, King Saud University, Riyadh, Saudi Arabia from Sept. 2003 - June 2013.

- Foundations of Mathematics
- Basics in Algebra
- Linear Algebra
- Abstract Algebra
- Calculus
- Discrete Mathematics
- Differential Equations
- Finite Mathematics
- Mathematics for Computer Sciences
- Group Theory
- Ring and Field Theory
- Number Theory
- Precalculus

Lecturer (A position after the Ph. D. degree), Department of Mathematics, Faculty of Science, Ain Shams University, Cairo, Egypt from August 2000 - August 2003.

- Advanced Calculus
- Differential Equations
- Real Analysis
- Linear Algebra
- Geometry

- Group Theory
- Ring Theory

Teaching Assistant (A position before the Ph. D. degree), Department of Mathematics, Faculty of Science, Ain Shams University, Cairo, Egypt from Oct. 1991- July 2000. Ran problem sessions for the following courses:

- Calculus,
- Linear Algebra
- Abstract Algebra
- Geometry
- Differential Equations
- Real Analysis
- Topology
- Number Theory.

Lecturer, Department of Mathematics, Faculty of Science, Menia University, Menia, Egypt from Sept 2002- Jan. 2003. (Part-Time)

- Group Theory
- Discrete Mathematics.
- Advanced Mathematics (A course for Faculty of Agriculture students which includes: Linear Algebra, Differential Equation and Operation Research).

7. Attended Conferences

- Domiat's Prominent Conference
(April 11-13, 1995, Mansoura Univ., EGYPT)
- The 3rd International Conference of Math. on Geometry, Topology and its Applications
(Dec. 20-24, 1997, Cairo Univ., EGYPT)
- A Conference on Faculties of Sciences and the Challenges of the Next Century
(Oct. 27-29, 1998, Mansoura Univ., EGYPT)
- A Conference on Geometry and its Application

(June 19-26, 2001, Cairo Univ., EGYPT)

- The International Congress of Mathematicians (ICM 2002)
(August 20-28, 2002, Beijing, CHINA)

- An international conference in mathematics
(Dec. 20-24, 2002, Ain Shams Univ., EGYPT)

- Mathematics and its Applications
*(Mar 23-24, 2011 A Imam Mohammad Ibn Saud
Islamic Univ., SAUDI ARABIA)*

- The 27th Conference on Topology and its Applications
(June 20-22, 2014, Ain Shams Univ., EGYPT)

8. Referee for International Scientific Journals

1. Ars Combinatoria.
2. Utilitas Mathematica.
3. Discrete Mathematics.
4. Australasian Journal of Combinatorics.
5. Tamkang Journal of Mathematics.
6. AKCE International Journal of Graphs and Combinatorics.

9. Theses

[1] **Naseam A. AL-Kuleab**, On k - cordial, k - equitable and k - balanced Labelings of Graphs, Ph. D. thesis in Graph Theory, Princess Nora Bint Abdulrahman University, Saudi Arabia, June 2011, Supervisor.

[2] **Fatemah A. Alresiny**, Basis property in finite groups, MSc in Algebra, Princess Nora Bint Abdulrahman University, Saudi Arabia, May 2010, External examiner.

[3] **Nora Abdullah Bin Omar**, On k-Prime Labeling of Graphs Related to Cycles, Research Project for M. Sc. in Graph Theory, Al Imam Mohammad Ibn Saud Islamic University, Saudi Arabia, May 2016, Supervisor.

10. Research Projects

Project title : " Even harmonious labeling of disjoint cycles " , Deanship of Academic Research, Project No. 361202, Al-Imam Mohammad Ibn Saud Islamic University, Saudi Arabia. (Principal Investigator) , 2015.

11. Award

An honorable certificate for distinguishable in scientific research during the academic year 2010/2011 from Teachers College, King Saud University, Saudi Arabia.

12. Workshops and Training

I have attended so many workshops in self-developments and Mathematical Olympiads. Also, I have worked as a trainer in International Mathematical Olympiad for preparing the Saudi Team:

- 1- Workshop entitled "Course design" from Ain Shams University, July 8-10, 2006.
- 2- Workshop entitled "Preparation of a research project" from Ain Shams University, July 11-13, 2006.
- 3- Workshop entitled "Credit hours" from Ain Shams University, August 12-14, 2006.
- 4- Workshop entitled "Effective presentation skills " from Ain Shams University, August 15-17, 2006.
- 5- Workshop entitled "Using of technology in teaching " from Ain Shams University, Feb. 3-5, 2007.
- 6- Workshop entitled "The use of blackboard " from King Saud University, 2011.
- 7- Workshop entitled "Virtual Classroom Management" from King Saud University, 2011.

- 8- Workshop entitled " The use of e-learning management system " from King Saud University, 2011.
- 9- Workshop entitled " E-content development using the course lab." from King Saud University, (two days), 2011.
- 10- Workshop entitled " Employing virtual classrooms in the educational process " from King Saud University, (two days), 2012.
- 11- Workshop entitled "The use of information resources on Saudi Digital Library" from Al Imam Mohammad Ibn Saud Islamic University, (One day), Feb. 27, 2014.
- 12- Workshop entitled "Preparing the scientific papers for publication in advanced journals" from Al Imam Mohammad Ibn Saud Islamic University, (two days), May. 26-27, 2015.
- 13- Workshop entitled "International publication for scientific research " from Ain Shams University (15 Hours), 2016.
- 14- Workshop entitled "Data management and basic statistics " from Ain Shams University (15 Hours), 2016.
- 15- Workshop entitled "Preparation of competitive research projects" from Ain Shams University (15 Hours), 2016.
- 16- Workshop entitled " Financial and legal aspects of the university " from Ain Shams University (15 Hours), 2016.
- 17- Workshop entitled " Examination and evaluation of students' systems " from Ain Shams University (15 Hours), 2016.

12. References:

[1] **Prof. M. A. Seoud**

Department of Mathematics, Ain Shams University, Cairo 11566, Egypt.

Email: m.a.a.seoud@hotmail.com

[2] **Prof. Nashat Fareid**

Department of Mathematics, Faculty of Science, Ain Shams University, Cairo 11566, Egypt.

Email: n_faried@hotmail.com

[3] **Prof. Abdullah Aljouiee**

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Al Imam Mohammad Ibn Saud Islamic University, P.O. Box 90950,

Riyadh 11623, Saudi Arabia

Email: amjouiee@imamu.edu.sa, and joa111@gmail.com

[4] **Prof. Joseph A. Gallian**

University of Minnesota Duluth, Minnesota 55812, USA

Email: jgallian@d.umn.edu

[5] **Prof. Martin Baca**

Department of Applied Mathematics and Informatics, Technical University,
042 00 Kosice, Slovakia

Email : martin.baca@tuke.sk

[6] **Prof. Richard Gibbs**

Professor Emeritus of Mathematics, Fort Lewis College, Durango, CO
81301-3999 970-247-7434, USA

Email : Gibbs_D@fortlewis.edu

[7] **Prof. Samil Djebali**

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djebali@enskouba.dz, smail.djebali@gmail.com

[8] **Prof. Yerzhan Baissalov**

Department of Mathematics and Statistics, College of Science,
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Riyadh 11623, Saudi Arabia

Email: ybbaissalov@imamu.edu.sa, baisalov_er@enu.kz, and
yerzhan_baisal@hotmail.com

12. Professional organizations

1. Member of the Egyptian Mathematical Society.
2. Member of the Egyptian Scientific Professions Syndicate.

13. List of Publications

- [1] M. A. Seoud and M. Z. Youssef, Labeling complete tripartite graphs, *Int. J. Math. Ed. Sci. Tech* **28**(1997) 367-371.
- [2] M. A. Seoud and M. Z. Youssef, Families of harmonious and non-harmonious graphs, *J. Egypt. Math. Soc.* **7** (1999) 117-125.
- [3] M. A. Seoud and M. Z. Youssef, On prime labeling of graphs, *Congressus Numerantium* **141**(1999) 203-215.
- [4] M. A. Seoud and M. Z. Youssef, New families of graceful disconnected graphs, *Ars Combinatoria* **57** (2000) 233-245.
- [5] M. A. Seoud and M. Z. Youssef, The effect of some operations on labelings of graphs, *Proc. Math. Phys. Soc. Egypt* **75** (2000) 35-49.
- [6] M. A. Seoud and M. Z. Youssef, On harmonious graphs of order 6, *Ars Combinatoria* **65** (2002) 155-176.
- [7] M. Z. Youssef, New families of graceful graphs, *Ars Combinatoria* **67** (2003) 303-311
- [8] M. Z. Youssef, Two general results on harmonious labelings, *Ars Combinatoria* **68** (2003) 225-230
- [9] M. Z. Youssef, A necessary condition on k-equitable labelings, *Utilitas Mathematica* **64** (2003) 193-195
- [10] M. A. Seoud and M. Z. Youssef, Total chromatic numbers of Cartesian product of graphs, *Proc. Math. Phys. Soc. Egypt* **80** (2004) 173-177.

- [11] M. Z. Youssef, Pseudograceful labeling of cycles, *Ars Combinatoria* **76** (2005) 241-247.
- [12] M. Z. Youssef, On Skolem-graceful and cordial graphs, *Ars Combinatoria* **78** (2006) 167-177.
- [13] M. Baca, Y. Lin, M. Miller and M. Z. Youssef, Edge-antimagic graphs, *Discrete Mathematics* **307** (2007) 1232-1244.
- [14] M. Z. Youssef and E. Elsakhawy, Some properties of prime graphs, *Ars Combinatoria*. **84** (2007) 129-140
- [15] M. Baca and M. Z. Youssef, Further results of antimagic graph labelings, *Austral. J. Combinatorics* **38** (2007) 163-172.
- [16] M. Z. Youssef, On k-cordial labelling, *Austral. J. Combinatorics* **43** (2009)31-37.
- [17] M. Z. Youssef and E. Elsakhawy, Graph labelings and cordiality, *Ars Combinatoria* **97** (2010) 161-174.
- [18] M. Z. Youssef and N. A. Al-Kuleab, 4-cordiality of some regular graphs and the complete 4-partite graph, *J. Combin. Math. Combin. Comput.* **76** (2011) 121-136.
- [19] M. Z. Youssef, On E-k cordial labeling, *Ars Combinatoria* **104** (2012) 271-279.
- [20] M. Z. Youssef, On k-equitable and k-balanced labelings, *Ars Combinatoria* **108** (2013) 51-64.
- [21] M. Z. Youssef and N. A. Al-Kuleab, 3-equitable labelings of ladders and graphs related to cycles, *Utilitas Math.* **92** (2013) 261-274.

- [22] **M. Baca and M. Z. Youssef**, On harmonious labelings of corona graphs, *Journal of applied Mathematics*, Volume 2014, Article ID 627248, 4 pages <http://dx.doi.org/10.1155/2014/627248>
- [23] **A. A. George Michael and M. Z. Youssef**, On prime labeled self-complementary graphs, *Journal of Discrete Mathematical Sciences & Cryptography*, **17** (2014) 239-256.
- [24] **M. Z. Youssef**, On α -labeling of disconnected graphs, *Ars Combinatoria*, **123** (2015) 329-338.
- [25] **M. Z. Youssef and N. A. Al-Kuleab**, Some new results on k-cordial labeling, *Ars Combinatoria*, **126** (2016) 311-322.
- [26] **M. Z. Youssef**, Note on even harmonious labeling of cycles, *Utilitas Mathematica*, **100** (2016) 137-142.
- [27] **M. Z. Youssef**, On even harmonious labelings, accepted for publication in *Utilitas Mathematica*.
- [28] **M. Z. Youssef and A. Aljouiee**, Even harmonious labeling of disjoint cycles, submitted for publication.
- [29] **Ali Ahmad, Andrea Semanicova–Fenovcikova and M. Z. Youssef**, On 3 - total edge product cordial labeling of strong product of two paths, submitted for publication.