

CURRICULUM VITAE (CV)

- 1. Name & Surname** : ÖZGÜR EGE
2. Date of Birth : 15.06.1987
3. Date of Place : IZMIR
4. Marital Status : Married, one daughter
5. Academic Title : Associate Professor
6. Address : Ege University, Faculty of Science,
Department of Mathematics, Bornova, 35100,
Izmir, Turkey.
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9. Education Level :



Level	University	Field	Year
BSc	Ege University	Mathematics	12.06.2009
Integrated PhD	Ege University	Mathematics (Algebraic Topology)	23.06.2014

10. Academic Qualifications :

Position	University	Department	Year
Research Assistant	Celal Bayar University	Mathematics	10.09.2012- 04.04.2016
Associate Professor	Celal Bayar University	Mathematics	05.04.2016- 02.01.2018
Associate Professor	Ege University	Mathematics	02.01.2018-...

11. Title of Phd Thesis and Advisor

Nilpotence in the Steenrod Algebra, 17.06.2014, Prof. Dr. İsmet KARACA.

12. Publications

12.1. Publications in peer-reviewed international journals (cited by SCI and SCI-Expanded)

- Ozgur EGE** and Ismet KARACA, [Lefschetz Fixed Point Theorem for Digital Images](#), Fixed Point Theory and Applications, **2013:253** DOI:10.1186/10.1186/1687-1812-2013-253 (2013).
- Ozgur EGE** and Ismet KARACA, [Cohomology Theory for Digital Images](#), Romanian Journal of Information Science and Technology, Volume 16, Number 1, 10-28 (2013).
- Ozgur EGE**, Ismet KARACA and Meltem ERDEN EGE, [Relative Homology Groups of Digital Images](#), Applied Mathematics and Information Sciences, Volume 8, No 5, 2337-2345 (2014).
- Ozgur EGE** and Ismet KARACA, [Applications of the Lefschetz Number to Digital Images](#), Bulletin of the Belgian Mathematical Society - Simon Stevin, Volume 21, No 5, 823-839 (2014).

5. **Ozgur EGE** and Ismet KARACA, [Some Results of the Nilpotence in the Mod \$p\$ Steenrod Algebra](#), Comptes Rendus de L'Academie Bulgare des Sciences, Volume 67, No 12, 1611-1620 (2014).
6. **Ozgur EGE** and Ismet KARACA, [Banach Fixed Point Theorem for Digital Images](#), The Journal of Nonlinear Science and Applications, Volume 8, No 3, 237-245 (2015).
7. **Ozgur EGE**, [Complex Valued Rectangular \$b\$ -Metric Spaces and an Application to Linear Equations](#), The Journal of Nonlinear Science and Applications, Volume 8, No 6, 1014-1021 (2015).
8. **Ozgur EGE** and Ismet KARACA, [Digital Homotopy Fixed Point Theory](#), Comptes Rendus Mathematique, Volume 353, No 11, 1029-1033, DOI:10.1016/j.crma.2015.07.006 (2015).
9. **Ozgur EGE** and Ismet KARACA, [Some Properties of Digital \$H\$ -spaces](#), Turkish Journal of Electrical Engineering and Computer Sciences, Volume 24, No 3, 1930-1941, DOI: 10.3906/elk-1311-69 (2016).
10. **Ozgur EGE**, [Complex Valued \$G_b\$ -metric Spaces](#), Journal of Computational Analysis and Applications, Volume 21, No 2, 363-368 (2016).
11. **Ozgur EGE** and Ismet KARACA, [Nielsen Fixed Point Theory for Digital Images](#), Journal of Computational Analysis and Applications, Volume 22, No 5, 874-880 (2017).
12. **Ozgur EGE** and Ismet KARACA, [Digital Fibrations](#), Proceedings of the National Academy of Sciences, India Section A: Physical Sciences, 87(1), 109-114 (2017).
13. **Ozgur EGE**, [Some Fixed Point Theorems in Complex Valued \$G_b\$ -Metric Spaces](#), Journal of Nonlinear and Convex Analysis, Volume 18, No 11, 1997-2005 (2017).
14. **Ozgur EGE** and Ismet KARACA, [Graph Topology on Finite Digital Images](#), to appear in Utilitas Mathematica (2018).
15. Arslan Hojat ANSARI, **Ozgur EGE** and Stojan RADENOVIC, [Some Fixed Point Results on Complex Valued \$G_b\$ -Metric Spaces](#), Revista de la Real Academia de Ciencias Exactas, Fisicas y Naturales, Seria A. Matematicas, Volume 112, No 2, 463-472 (2018).
16. **Ozgur EGE** and Ismet KARACA, [Cohomological Approach to Reflexive Graphs](#), to appear in Utilitas Mathematica (2018).
17. **Ozgur EGE** and Ismet KARACA, [Persistent Homology of Digital Images](#), Submitted (2018).
18. **Ozgur EGE**, [Fuzzy Co-Hopf Spaces](#), Preprint (2018).
19. **Ozgur EGE**, Arslan Hojat ANSARI and Stojan RADENOVIC, [C-class function on Complex Valued \$G_b\$ -Metric Spaces](#), Submitted (2018).
20. **Ozgur EGE** and Ismet KARACA, [Digital Co-Hopf Spaces](#), Submitted (2018).

12.2. Publications in other peer-reviewed international journals

1. Ismet KARACA and **Ozgur EGE**, [Cubical Homology in Digital Images](#), International Journal of Information and Computer Science 1(2012) No.7, 178-187.
2. Ismet KARACA and **Ozgur EGE**, [Some Results on Simplicial Homology Groups of 2D Digital Images](#), International Journal of Information and Computer Science 1(2012) No.8, 198-203.
3. **Ozgur EGE** and Ismet KARACA, [Fundamental Properties of Digital Simplicial Homology Groups](#), American Journal of Computer Technology and Application, Vol. 1, No. 2, March 2013, PP: 25-42.

4. **Ozgur EGE** and Ismet KARACA, [*Digital Cohomology Operations*](#), Applied Mathematics and Information Sciences, Volume 9, No 4, 1953-1960 (2015).
5. **Ozgur EGE** and Ismet KARACA, [*Digital Uniform Spaces*](#), Celal Bayar University Journal of Science, Volume 12, No 2, 129-134 (2016).
6. Laurence BOXER, **Ozgur EGE**, Ismet KARACA, Jonathan LOPEZ and Joel LOUWSMA, [*Digital Fixed Points, Approximate Fixed Points, and Universal Functions*](#), Applied General Topology, Volume 17, No 2, 159-172 (2016).
7. **Ozgur EGE** and Ismet KARACA, [*Fixed Point Theorems and an Application in Parametric Metric Spaces*](#), Azerbaijan Journal of Mathematics, Volume 7, No 1, 27-39 (2017).
8. **Ozgur EGE** and Ismet KARACA, [*Nilpotency of Atomic Steenrod Squares*](#), Analele Stiintifice Ale Universitatii Al I Cuza Din Iasi-Serie Noua-Matematica, Volume 63, No 3, 463-470 (2017).
9. Choonkil PARK, **Ozgur EGE**, Sanjay KUMAR, Deepak JAIN and Jung Rye LEE, [*Fixed Point Theorems for Various Contraction Conditions in Digital Metric Spaces*](#), Journal of Computational Analysis and Applications, Volume 26, No 8, 1451-1458 (2019).
10. Dong Yun SHIN, Choonkil PARK, **Ozgur EGE**, Deepak JAIN and Sanjay KUMAR, [*Commuting and Compatible Mappings in Digital Metric Spaces*](#), submitted.
11. Choonkil PARK, **Ozgur EGE**, Ismet KARACA and Dong Yun SHIN, *Complex Valued Dislocated Metric Spaces*, Submitted to Journal of Mathematics and Computer Science (2018).
12. Ismet KARACA and **Ozgur EGE**, *Digital Cohomology Groups of Certain Minimal Surfaces*, to appear in Journal of Mathematical Extension (2018).
13. **Ozgur EGE** and Ismet KARACA, *Common Fixed Point Results on Complex Valued G_b -Metric Spaces*, Submitted to Thai Journal of Mathematics (2018).

12.3. Presented and Published Abstracts in the International Scientific Meetings

1. **Ozgur EGE** and Ismet KARACA, *Fixed Point Theory in Digital Images*, International Conference on Applied Analysis and Algebra (ICAAMM2013), Yıldız Technical University, Istanbul, TURKEY, pp.369, 2-5 June 2013.
2. **Ozgur EGE**, Ismet KARACA and Meltem ERDEN, *Digital Relative Homology Groups*, International Conference on Applied Analysis and Algebra (ICAAMM2013), Yıldız Technical University, Istanbul, TURKEY, pp.370, 2-5 June 2013.
3. **Ozgur EGE** and Ismet KARACA, *On the Nilpotence of Steenrod Squares*, International Conference on Algebra in Honour of Patrick Smith's and John Clark's 70th Birthdays, August 12-15, 2013, pp.62, Balıkesir University, Balıkesir/TURKEY.
4. **Ozgur EGE** and Ismet KARACA, *Digital H-spaces*, Proceeding of 3rd International Symposium on Computing in Science and Engineering, October 24-25, 2013, Kuşadası-TURKEY, 133-138 (TAM METİN).
5. **Ozgur EGE** and Ismet KARACA, *Some results on the Nilpotence of the mod-p Steenrod Algebra*, Proceeding of Karatekin Mathematics Days (KMD 2014), June 11-13, 2014, pp. 132, Çankırı-TURKEY.
6. **Ozgur EGE** and Ismet KARACA, *Some Properties of Cohomology Groups for Graphs*, Proceeding of International Congress in Honour of Professor Ravi P. Agarwal, Uludağ University, June 23-26, 2014, pp. 120, Bursa-TURKEY.

7. **Ozgur EGE** and Ismet KARACA, *Digital Cohomology Operations*, Proceeding of International Conference on Advances in Applied Mathematics and Mathematical Physics (ICAAMMP 2014), August 19-21, 2014, Yıldız Technical University, Istanbul-TURKEY.
8. **Ozgur EGE** and Ismet KARACA, *Fixed Point Results and Application in Parametric Metric Spaces*, International Conference on Applied Analysis and Mathematical Modeling (ICAAMM 2015), Yıldız Technical University, Istanbul, TURKEY, 8-12 June 2015, pp. 265.
9. **Ozgur EGE**, *Fixed Point Results in Complex Valued G_b – Metric Spaces*, International Conference on Applied Analysis and Mathematical Modeling (ICAAMM 2015), Yıldız Technical University, Istanbul, TURKEY, 8-12 June 2015, pp. 266.
10. Ismet KARACA and **Ozgur EGE**, *Digital Homotopy Fixed Point Theory*, 4th International Eurasian Conference on Mathematical Sciences and Applications (IECMSA-2015), Athens, GREECE, 31 August-03 September 2015, pp. 251.
11. **Ozgur EGE** and Ismet KARACA, *Complex valued dislocated metric spaces and an application to differential equations*, 4th International Eurasian Conference on Mathematical Sciences and Applications (IECMSA-2015), Athens, GREECE, 31 August-03 September 2015, pp. 261.
12. **Ozgur EGE**, *Banach Contraction Principle in Ultrametric Spaces Endowed with a Graph*, International Conference on Mathematics and Mathematics Education (ICMME-2016), Firat University, Elazığ, TURKEY, 12-14 May 2016, pp. 108-109.
13. **Ozgur EGE**, *Fuzzy Co-Hopf Spaces*, International Conference on Mathematics and Mathematics Education (ICMME-2016), Firat University, Elazığ, TURKEY, 12-14 May 2016, pp. 477-478.
14. **Ozgur EGE** and Ismet KARACA, *Some Results on Digital Fibrations*, International Conference on Mathematics and Mathematics Education (ICMME-2016), Firat University, Elazığ, TURKEY, 12-14 May 2016, pp. 529-530.
15. Ismet KARACA and **Ozgur EGE**, *Some Properties of Digital Persistent Homology Groups*, International Conference on Recent Advances in Pure and Applied Mathematics (ICRAPAM 2016), Bodrum, Muğla, TURKEY, 19-23 May, 2016, pp. 124.
16. **Ozgur EGE**, *Cubical Cohomology Groups of Digital Images*, 14th International Geometry Symposium, Pamukkale University, Denizli, TURKEY, 25-28 May 2016, pp. 63.
17. **Ozgur EGE** and Ismet KARACA, *Some Results on Co-Hopf Space Structure of Digital Images*, International Congress on Fundamental and Applied Sciences (ICFAS 2016), Yıldız Technical University, Istanbul, TURKEY, 22-26 August 2016, pp. 51.
18. **Ozgur EGE**, *C^* -Algebra-Valued G -Metric Spaces*, International Congress on Fundamental and Applied Sciences (ICFAS 2016), Yıldız Technical University, Istanbul, TURKEY, 22-26 August 2016, pp. 73.
19. **Ozgur EGE**, Sanjay KUMAR and Deepak JAIN, *Fixed Point of Various Contraction Conditions in Digital Metric Spaces*, International Workshop on Mathematical Methods in Engineering (MME-2017), Çankaya University, Ankara, TURKEY, 27-29 April, 2017, pp. 65.
20. **Ozgur EGE**, Sanjay KUMAR and Deepak JAIN, *Fixed Point Theorem for Commuting Mappings in Digital Metric Spaces*, International Workshop on Mathematical Methods in Engineering (MME-2017), Çankaya University, Ankara, TURKEY, 27-29 April, 2017, pp. 65.
21. Ismet KARACA and **Ozgur EGE**, *On Digital Cohomology Groups*, International Conference on Recent Advances in Pure and Applied Mathematics (ICRAPAM 2017), Kuşadası, Aydın, TURKEY, 11-15 May, 2017, pp. 116-117.

22. Ismet KARACA and **Ozgur EGE**, *Some Common Fixed Point Theorems on Complex Valued G_b -Metric Spaces*, International Conference on Recent Advances in Pure and Applied Mathematics (ICRAPAM 2017), Kuşadası, Aydın, TURKEY, 11-15 May, 2017, pp. 118.
23. **Ozgur EGE** and Ismet KARACA, *C^* -Algebra-Valued G_b -Metric Spaces*, 2nd International Students Science Congress, İzmir Katip Çelebi University, İzmir, TURKEY, 4-5 May, 2018, pp.
24. Ozgur EGE, *A Different Viewpoint on Complex Valued G_b -Metric Spaces*, 2nd International Students Science Congress, İzmir Katip Çelebi University, İzmir, TURKEY, 4-5 May, 2018, pp.

12.4. Presented and Published Abstracts in the National Scientific Meetings

1. **Ozgur EGE** and Ismet KARACA, *Dijital Görüntülerde Kübik Homoloji*, 25. Ulusal Matematik Sempozyumu, 5-8 Eylül 2012, p.53, Niğde Üniversitesi, Niğde.
2. **Ozgur EGE** and Ismet KARACA, *Digital Simplicial Cohomology Groups*, XI. Ulusal Geometri Sempozyumu, Özet ve Poster Kitapçığı, 1-5 Temmuz 2013, p.59, Ordu Üniversitesi, Ordu.
3. Meltem ERDEN, Ismet KARACA and **Ozgur EGE**, *Relative Homology in Digital Images*, XI. Ulusal Geometri Sempozyumu, Özet ve Poster Kitapçığı, 1-5 Temmuz 2013, p.104, Ordu Üniversitesi, Ordu.
4. **Ozgur EGE**, *Digital Approximate Fixed Points and Universal Functions*, Dokuz Eylül University, Department Seminars, 16 Eylül 2015, İzmir.

12.5. Attended International Scientific Meetings

1. İzmir Cebirsel Geometrik Topoloji Günleri II, Dokuz Eylül Üniversitesi, İzmir, TÜRKİYE, 09-14 Ocak, 2011.
2. 19. Gökova Geometri ve Topoloji Konferansı, Muğla, TÜRKİYE, 27 Mayıs-2 Haziran, 2012.
3. 20. Gökova Geometri ve Topoloji Konferansı, Muğla, TÜRKİYE, 27 Mayıs-1 Haziran, 2013.
4. International Conference on Applied Analysis and Algebra (ICAAMM2013), Yıldız Technical University, Istanbul, TURKEY, 2-5 June 2013.
5. International Conference on Algebra in Honour of Patrick Smith's and John Clark's 70th Birthdays, August 12-15, 2013, Balıkesir University, Balıkesir/TURKEY.
6. 3rd International Symposium on Computing in Science and Engineering, October 24-25, 2013, Kuşadası-TURKEY.
7. Karatekin Mathematics Days (KMD 2014), June 11-13, 2014, Çankırı-TURKEY.
8. International Congress in Honour of Professor Ravi P. Agarwal, Uludağ University, June 23-26, 2014, Bursa-TURKEY.
9. International Conference on Advances in Applied Mathematics and Mathematical Physics (ICAAMMP 2014), August 19-21, 2014, Yıldız Technical University, Istanbul-TURKEY.
10. 22. Gökova Geometri ve Topoloji Konferansı, Muğla, TÜRKİYE, 25 Mayıs-30 Mayıs, 2015.
11. International Conference on Applied Analysis and Mathematical Modeling (ICAAMM 2015), Yıldız Technical University, Istanbul, TURKEY, 8-12 June 2015.
12. International Conference on Mathematics and Mathematics Education (ICMME-2016), Fırat University, Elazığ, TURKEY, 12-14 May 2016.
13. 14th International Geometry Symposium, Pamukkale University, Denizli, TURKEY, 25-28 May 2016.

14. International Congress on Fundamental and Applied Sciences (ICFAS 2016), Yildiz Technical University, Istanbul, TURKEY, 22-26 August 2016.
15. International Workshop on Mathematical Methods in Engineering (MME-2017), Çankaya University, Ankara, TURKEY, 27-29 April, 2017.
16. 2nd International Students Science Congress, İzmir Katip Çelebi University, İzmir, TURKEY, 4-5 May, 2018

12.6. Attended National Scientific Meetings

1. 25. Ulusal Matematik Sempozyumu, 5-8 Eylül 2012, Niğde Üniversitesi, Niğde.
2. XI. Ulusal Geometri Sempozyumu, 1-5 Temmuz 2013, Ordu Üniversitesi, Ordu.

13. Editorships in Scientific Journals

1. Journal of Advanced Studies in Topology, Editorial Board Member, ISSN (Print): 2090-8288, ISSN (Online): 2090-388X (2016 - Continue)
Journal Website: <http://www.m-sciences.com/index.php?journal=jast&page=index>
2. Advances in Pure Mathematics, Editorial Board Member, ISSN (Print): 2160-0368, ISSN (Online): 2160-0384 (2016 - Continue)
Journal Website: <http://www.scirp.org/journal/apm>
3. Malaya Journal of Matematik, Editör Üyesi, ISSN (Print): 2319-3786, ISSN (Online): 2321-5666 (2016 - Continue)
Journal Website: http://www.malayajournal.org/editorial_board.php
4. Journal of Mathematics Research, Editorial Board Member, ISSN (Print): 1916-9795, ISSN (Online): 1916-9809 (2016 - Continue)
Journal Website: <http://www.ccsenet.org/journal/index.php/jmr>
5. Asian Journal of Mathematics and Applications, Editorial Board Member, ISSN: 2307-7743, (2016 - Continue)
Journal Website: <http://scienceasia.asia/index.php/ama/index>
6. International Journal of Advances in Mathematics, Editorial Board Member, (2016 - Continue) Journal Website: <http://adv-math.com/journal-info/editorial-board/>
7. Asian Research Journal of Mathematics, Editorial Board Member, ISSN: 2456-477X, (2017 - Continue), Journal Website: <http://sciencedomain.org/journal/44>
8. Journal of Mathematical Sciences and Applications, Editorial Board Member, ISSN (Print): 2333-8784, ISSN (Online): 2333-8792 (2017 - Continue),
Journal Website: <http://www.sciepub.com/journal/JMSA>
9. American Journal of Mathematical Analysis, Editorial Board Member, ISSN (Print): 2333-8490, ISSN (Online): 2333-8431 (2017 - Continue),
Journal Website: <http://www.sciepub.com/journal/AJMA>
10. American Journal of Applied Mathematics and Statistics, Editorial Board Member, ISSN (Print): 2328-7306, ISSN (Online): 2328-7292 (2017 - Continue),
Journal Website: <http://www.sciepub.com/journal/AJAMS>

14. Refereeing in Scientific Journals

1. American Journal of Mathematics and Statistics, 2013.

2. Far East Journal of Mathematical Sciences, 2014.
3. Kuwait Journal of Science (**SCI-Expanded**), 2014 (2), 2015 (4).
4. Journal of Mathematical Imaging and Vision (**SCI**), 2015 (1), 2016 (2).
5. Fixed Point Theory and Applications (**SCI-Expanded**), 2015 (2).
6. Bulletin of the Belgian Mathematical Society – Simon Stevin (**SCI-Expanded**), 2015.
7. Honam Mathematical Journal, 2015.
8. Journal of Advanced Studies in Topology, 2015 (1), 2016 (1), 2017 (1).
9. Journal of Nonlinear Sciences and Applications (**SCI-Expanded**), 2016.
10. Journal of Mathematics Research, 2016 (5), 2017 (6), 2018(3).
11. TWMS Journal of Applied and Engineering Mathematics (**E-SCI**), 2016 (1), 2017 (2).
12. New Trends in Mathematical Sciences, 2016 (1), 2017 (2).
13. International Journal of Foundations of Computer Science (**SCI-Expanded**), 2016 (1), 2017 (1).
14. Nonlinear Analysis: Modelling and Control (**SCI-Expanded**), 2016.
15. Journal of Fixed Point Theory and Applications (**SCI-Expanded**), 2016.
16. International Journal of Advances in Mathematics, 2016 (1), 2017 (1).
17. Karaelmas Fen ve Mühendislik Dergisi, 2017.
18. Romanian Journal of Mathematics and Computer Science, 2017 (1), 2018 (2).
19. International Journal of Nonlinear Analysis and Applications (**E-SCI**), 2017.
20. Journal of the International Mathematical Virtual Institute, 2017 (2).
21. Turkish Journal of Analysis and Number Theory, 2017.
22. Journal of Linear and Topological Algebra, 2017.
23. American Journal of Applied Mathematics and Statistics, 2017 (2), 2018.
24. Journal of Mathematical Sciences and Applications, 2017.
25. Facta Universitatis, Series: Mathematics and Informatics, 2017 (2).
26. Journal of Advances in Mathematics, 2017 (1), 2018 (2).
27. Ars Mathematica Contemporanea (**SCI-Expanded**), 2018.
28. Thai Journal of Mathematics (**E-SCI**), 2018.
29. National Academy Science Letters (**SCI-Expanded**), 2018.

Aynı zamanda **The Mathematical Reviews Database** bünyesinde aktif hakemliği bulunmaktadır.

30. **MR3340221** Chan, Timothy M. and Lee, Patrick, On constant factors in comparison-based geometric algorithms and data structures, *Discrete Comput. Geom.* 53 (2015), no. 3, 489-513. **(Reviewer: Ozgur Ege)**
31. **MR3329341** Jost, Leonardo; Setzer, Simon; Hein, Matthias, Nonlinear eigenproblems in data analysis: balanced graph cuts and the RatioDCA-prox, *Lecture Notes in Computational Science and Engineering*, 102, DOI: 10.1007/978-3-319-08159-5_13 (2014). **(Reviewer: Ozgur Ege)**
32. **MR3371613** Akleman, Ergun; Chen, Jianer; Gross, Jonathan L., Extended graph rotation systems as a model for cyclic weaving on orientable surfaces, *Discrete Applied Mathematics*, 193, 61-79 (2015). **(Reviewer: Ozgur Ege)**
33. **MR3371830** Pavlik, Jan, Topographic spaces over ordered monoids, *Mathematics for Applications*, 4, 31-59 (2015) **(Reviewer: Ozgur Ege)**
34. **MR3452906** Cabello, Sergio; Giannopoulos, Panos, The complexity of separating points in the plane, *Algorithmica*, 74, 643-663 (2016). **(Reviewer: Ozgur Ege)**
35. **MR3452906** Suzuki, Tomonari, Numbers on diameter in v -generalized metric spaces, *Bull. Kyushu Inst. Tech. Pure Appl. Math.*, 63, 1-13 (2016). **(Reviewer: Ozgur Ege)**
36. **MR3498746** Han, Sang-Eon, An extension problem of a connectedness preserving map between Khalimsky spaces, *Filomat*, 30(1), 15-28(2016). **(Reviewer: Ozgur Ege)**
37. **MR3611619** Kang, Jeong Min, Han, Sang-Eon, Min, Kyung Chan, Digitizations associated with several types of digital topological approaches, *Comput. Appl. Math.* 36(1), 571-597 (2017). **(Reviewer: Ozgur Ege)**
38. **MR3618938** Han, Sang-Eon, Almost fixed point property for digital spaces associated with Marcus-Wyse topological spaces, *J. Nonlinear Sci. Appl.* 10(1), 34-47 (2017). **(Reviewer: Ozgur Ege)**
39. **MR3698056** Kim, Kyung Soo, Convergence and stability of generalized φ -weak contraction mapping in CAT(0) spaces, *Open Mathematics* 15, 1063-1074 (2017). **(Reviewer: Ozgur Ege)**

15. Scholarships and Awards

A total of 150 have been cited.

16. Scholarships and Awards

1. Ege University Faculty of Science, Department of Mathematics, First Prize, 2009.
2. Ege University Faculty of Science, Third Prize, 2009.
3. TUBITAK BİDEB 2211-Domestic PhD scholarship, 2009-2014.
4. TUBITAK Publication Encouragement Award (2013) (publication number 12.1.1).
5. TUBITAK Publication Encouragement Award (2013) (publication number 12.1.2).
6. TUBITAK Publication Encouragement Award (2014) (publication number 12.1.4).
7. TUBITAK Publication Encouragement Award (2014) (publication number 12.1.5).
8. TUBITAK Publication Encouragement Award (2015) (publication number 12.1.8).
9. TUBITAK Publication Encouragement Award (2016) (publication number 12.1.9).
10. TUBITAK Publication Encouragement Award (2016) (publication number 12.1.10).

11. TUBITAK Publication Encouragement Award (2017) (publication number 12.1.11).
12. TUBITAK Publication Encouragement Award (2017) (publication number 12.1.12).
13. TUBITAK Publication Encouragement Award (2017) (publication number 12.1.13).

17. Thesis Supervisory and Membership of the Committee

a) BSc Committee Membership

1. Melih İS, “On Configuration Space”, Ege University, Graduate School of Natural and Applied Sciences, Department of Mathematics, Thesis Advisor: Prof. Dr. İsmet KARACA, 19.08.2016.
2. Gökhan TEMİZEL, “Dijital Khalimsky Manifolrları”, Ege Üniversitesi, Fen Bilimleri Enstitüsü, Matematik Anabilim Dalı, Danışman: Prof. Dr. İsmet KARACA, 14.08.2017.
3. Hatice Sevede DENİZALTI, “Veri Analizinde Cebirsel Topolojik Metodlar”, Ege Üniversitesi, Fen Bilimleri Enstitüsü, Matematik Anabilim Dalı, Danışman: Prof. Dr. İsmet KARACA, 14.08.2017.
4. Mustafa AKKAYA, “Ayrık Morse Teori”, Ege Üniversitesi, Fen Bilimleri Enstitüsü, Matematik Anabilim Dalı, Danışman: Prof. Dr. İsmet KARACA, 01.06.2018.
5. Selin HATIPOĞLU, “A-Polinomları Üzerine”, Ege Üniversitesi, Fen Bilimleri Enstitüsü, Matematik Anabilim Dalı, Danışman: Prof. Dr. İsmet KARACA, 2018.

18. Scientific Activities

1. TUBITAK, Project External Consulting, 2018.

19. Knowledge of Foreign Language

English: YDS 85.00/100 (September 2016)

20. Research Areas

- √ Algebraic Topology
- √ Digital Topology
- √ Fixed Point Theory
- √ Steenrod Algebra
- √ Graph Theory
- √ General Topology