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## PERSONAL

| Date of Birth | 09/04/1971 |
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| Place of Birth | Ruse, Bulgaria |

## EDUCATION

| 1997-2003 | Middle East Technical University, Mathematics, Ph.D. |
|---|---|
| 1994-1996 | Marmara University, Mathematics, M.S. |
| 1990-1994 | Marmara University, Mathematics, B.S. |

## ACADEMIC POSITIONS

| 12/2013 | Associate Professor, Department of Mathematics, Atilim University, Turkey |
|---|---|
| 10/2009-11/2013 | Assistant Professor, Department of Mathematics, Atilim University, Turkey |
| 09/2004-09/2009 | Assistant Professor, Department of Mathematics Education, Baskent University, Turkey |
| 10/1997-02/2003 | Research Assistant, Department of Mathematics, Middle East Technical University, Turkey |

## ADMINISTRATIVE DUTIES

| 02/2015 | Member of the Faculty Board, Atilim University |
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| 02/2015 | Vise Chair of the Department of Mathematics, Atilim University |

## RESEARCH INTERESTS

| 1 | Fixed point theory and its applications |
|---|---|
| 2 | Numerical solutions of ODE, Dynamic equations on time scales |

## PROFESSIONAL SERVICE

| 1 | Associate Editor, Journal of Mathematical Analysis |
|---|---|
| 2 | Managing Editor, Advances in the Theory of Nonlinear Analysis and its Applications |
| 3 | Associate Editor, Results in Nonlinear Analysis |

## PUBLICATIONS

| | |
|---|---|
| **1** | U. Aksoy, E. Karapinar and Inci M. Erhan, Fixed Point Theorems in Complete Modular Metric Spaces and an Application to Anti-periodic Boundary Value Problems, Filomat Vol. 31 (2017), 5475–5488, 2017 |
| **2** | S. Gulyaz, E. Karapinar and Inci M. Erhan, Generalized α-Meir-Keeler Contraction Mappings on Branciari b-metric Spaces, Filomat Vol. 31 (2017), 5445–5456, 2017. |
| **3** | H. H. Alsulami, S. Gulyaz, E. Karapinar and Inci M. Erhan, An Ulam stability result on quasi-b-metric-like spaces, Open Mathematics, Vol. 14, pp.1087-1103, 2016. |
| **4** | U. Aksoy, E. Karapinar and Inci M. Erhan, Fixed points of generalized alpha-admissible contractions on b-metric spaces with an application to boundary value problems, Journal of Nonlinear and Convex Analysis, Vol. 17, pp.1095-1108, 2016. |
| **5** | Inci M. Erhan and M. Kir, On a generalized alpha-admissible rational type contractive mapping, Journal of Nonlinear and Convex Analysis, Vol. 17, pp. 1199-1212, 2016. |
| **6** | M. Sarwar, M. B. Zada and Inci M. Erhan, Common fixed point theorems of integral type contraction on metric spaces and its applications to system of functional equations, Fixed Point Theory and Applications, Article Number: 217, DOI: 10.1186/s13663-015-0466-3, 2015. |
| **7** | N. Redjel, A.Dehici and Inci M. Erhan, A fixed point theorem for Meir-Keeler type contraction via Gupta-Saxena expression, Fixed Point Theory and Applications, Article Number: 115, DOI: 10.1186/s13663-015-0363-9, 2015 |
| **8** | S. M. A. Aleomraninejad, Inci M. Erhan, M. A. Kutbi and M. Shokouhnia, Common fixed point of multifunctions on partial metric spaces, Fixed Point Theory and Applications, Article Number: 102, DOI: 10.1186/s13663-015-0348-8, 2015. |
| **9** | H. H. Alsulami, S. Chandok, M. A. Taoudi and Inci M. Erhan, Some fixed point theorems for (alpha, psi)-rational type contractive mappings, Fixed Point Theory and Applications, Article Number: 97, DOI: 10.1186/s13663-015-0332-3, 2015. |
| **10** | H. H. Alsulami, S. Gulyaz and Inci M. Erhan, Fixed points of alpha-admissible Meir-Keeler contraction mappings on quasi-metric spaces, Journal of Inequalities and Applications, Article Number: 84, DOI: 10.1186/s13660-015-0604-9, 2015. |
| **11** | Inci M. Erhan, A. Roldan Lopez-De-Hierro and N. Shahzad, Some remarks about the existence of coupled g-coincidence points, Journal of Inequalities and Applications, Article Number: 52, DOI: 10.1186/s13660-015-0558-y, 2015. |
| **12** | N. Redjel, A.Dehici, E. Karapinar and Inci M. Erhan, Fixed point theorems for (alpha, psi)-Meir-Keeler-Khan mappings, Journal of Nonlinear Sciences and Applications, Vol. 8, pp. 955-964, 2015. |
| **13** | Inci M. Erhan, E. Karapinar, A. Roldan Lopez-De-Hierro and N. Shahzad, Remarks on 'Coupled coincidence point results for a generalized compatible pair with applications', Fixed Point Theory and Applications, Article Number: 97, DOI: 10.1186/1687-1812-2014-207, 2014. |
| **14** | E. Karapinar, Inci M. Erhan and U. Aksoy, Weak psi-contractions on partially ordered metric spaces and applications to boundary value problems, Boundary Value Problems, Article Number: 149, DOI: 10.1186/s13661-014-0149-8, 2014. |
| **15** | N. Bilgili, E. Karapinar, Inci M. Erhan and D. Turkoglu, Cyclic Contractions and Related Fixed Point Theorems on G-Metric Spaces, Applied Mathematics & Information Sciences, Vol. 8, pp. 1541-1551, 2014. |

| 16 | N. Bilgili, Inci M. Erhan, E. Karapinar, and D. Turkoglu, A note on 'Coupled fixed point theorems for mixed g-monotone mappings in partially ordered metric spaces', Fixed Point Theory and Applications, Article Number:120, DOI: 10.1186/1687-1812-2014-120, 2014. |
|---|---|
| 17 | S. Gulyaz and Inci M. Erhan, Existence of solutions of integral equations via fixed point theorems, Journal of Inequalities and Applications, Article Number: 138, DOI: 10.1186/1029-242X-2014-138, 2014. |
| 18 | H. Aydi, E. Karapinar, Inci M. Erhan and P. Salimi, Best proximity points of generalized almost psi-Geraghty contractive non-self-mappings, Fixed Point Theory and Applications, Article Number: 32, DOI: 10.1186/1687-1812-2014-32, 2014. |
| 19 | Inci M. Erhan, Fixed Points of alpha-Admissible Mappings on Partial Metric Spaces, Abstract and Applied Analysis, Article Number: 549528, DOI: 10.1155/2014/549428, 2014. |
| 20 | H. H. Alsulami, S. Gulyaz, E. Karapinar and Inci M. Erhan, Fixed Point Theorems for a Class of alpha-Admissible Contractions and Applications to Boundary Value Problem, Abstract and Applied Analysis, Article Number: 187031, DOI: 10.1155/2014/187031, 2014 |
| 21 | E. Karapinar, Inci M. Erhan and A. Ozturk, Fixed point theorems on quasi-partial metric spaces, Mathematical and Computer Modeling, Vol. 57, pp. 2442-2448, 2013. |
| 22 | E. Karapinar A. Yildiz-Ulus and Inci.M. Erhan, Cyclic Contractions on G-Metric Spaces, Abstract and Applied Analysis, Article Number: 182947 DOI: 10.1155/2012, 2012. |
| 23 | E. Karapinar, Inci M. Erhan and T. Sekulic, Fixed points of (psi, phi) contractions on rectangular metric spaces, Fixed Point Theory and Applications, Article Number: 138 DOI: 10.1186/1687-1812-2012-138, 2012. |
| 24 | E. Karapinar, P. Kumam, Inci.M. Erhan, Coupled fixed point theorems on partially ordered G-metric spaces, Fixed Point Theory and Applications, Article Number: 174 DOI: 10.1186/1687-1812-2012-174 , 2012. |
| 25 | E. Karapinar and Inci M. Erhan, Cyclic contractions and fixed point theorems, Filomat, Vol. 26(4), pp.777-782, 2012. |
| 26 | E. Karapinar, Inci M. Erhan and A. Yildiz-Ulus, Fixed point theorem for cyclic maps on partial metric spaces, Applied Mathematics & Information Sciences, Vol 6, pp.239--244, 2012. |
| 27 | Inci M. Erhan, E Karapinar and D. Turkoglu, Different types Meir-Keeler contractions on partial metric spaces, Journal of Computational Analysis and Applications, Vol 14, pp. 1000--1005, 2012. |
| 28 | E. Karapinar and Inci M. Erhan, Best proximity points on different type contractions, Applied Mathematics & Information Sciences, Vol 5, pp.558-569, 2011. |
| 29 | E. Karapinar and Inci. M. Erhan, Fixed point theorems for operators on partial metric spaces, Applied Mathematics Letters , Vol 24, pp. 1894--1899, 2011. |
| 30 | Inci. M. Erhan and H. Taseli, A Model for the Computation of Quantum Billiard Systems with Arbitrary Shapes, Journal of Computational and Applied Mathematics, Vol. 194, pp. 227-244, 2006. |
| 31 | H. Taseli, Inci. M. Erhan and O. Ugur, An Eigenfunction Expansion for the Schrödinger Equation with Arbitrary Non-Central Potential, Journal of Mathematical Chemistry, Vol. 32, pp. 323-338, 2002. |

## CONFERENCE PRESENTATIONS

| 1 | Inci M. Erhan, Ümit Aksoy, On some recent fixed point results on modular metric spaces, IWNAA, July 6-9, 2018, Granada, Spain. |
|---|---|
| 2 | Svetlin G. Georgiev, Inci M. Erhan, Series Solutions of Dynamic equations on Time Scales, 23rd ICDEA Conference, July 24 - 28, 2017, Timisoara, Romania. |

| 3 | Inci M. Erhan, Fixed points of various contractions on Branciari b-metric space, 11th ISAAC Congress, August 14-18, 2017, Vaxjo, Sweden. |
|---|---|
| 4 | Inci M. Erhan, On some fixed points theorems on Branciari b-metric space, International Workshop on Mathematical Methods ın Engineering, April 27 - 29, 2017, Ankara, Turkey. |
| 5 | Inci M. Erhan, On a general class of alpha-admissible rational type contractive mapping, International Conference on Applied Mathematics and Applications in Memory of Prof. Gusein Sh. Guseinov, July 11-13, 2016, Ankara, Turkey. |
| 6 | Inci M. Erhan, Quasi Dislocated Spaces, VI Congress of Mathematicians of Macedonia, June 15-18, 2016, Ohrid, Macedonia. |
| 7 | Inci M. Erhan, Fixed points of alpha-admissible Meir-Keeler contraction mappings on quasi-metric spaces, 11th International Conference on Fixed point theory and its applications, July 20-24, 2015, Istanbul, Turkey. |
| 8 | Inci M. Erhan, Fixed Point Theorems for a Class of alpha-Admissible Contractions and Applications to Boundary Value Problem, International Congress in Honour of Prof. Ravi P. Agarwal, June 23-26, Bursa, Turkey. |
| 9 | Inci M. Erhan, Laguerre Pseudospectral Method for Two Dimensional Schrödinger Equation with Arbitrary Non-central Potential, International workshop on dynamical systems and applications, August 12-15, 2013, Ankara, Turkey |
| 10 | Inci M. Erhan, Cyclic maps and related fixed point theorems, International conference Anatolian Communications in Nonlinear Analysis, July 3-6, 2013, Bolu, Turkey. |
| 11 | Inci M. Erhan, Cyclic maps on partial metric spaces, International workshop on fixed point theory and applications, October 11-14, 2012, Istanbul, Turkey. |
| 12 | Inci M. Erhan, Best proximity points on different type contractions, 8th ISAAC International Congress, August 22-27, 2011, Moscow, Russia |
| 13 | Inci M. Erhan, An Expansion Method for Schrödinger Equations of Quantum Billiards with Arbitrary Shapes, Conference of the World Academy of Science Engineering and Technology, April 27-29, 2005, Rome, Italy. |

## CITATIONS

| Sum of times cited without self-citations (ISI Web of Science): | 259 |
|---|---|
| H-index (ISI Web of Science): | 8 |

## COURSES GIVEN

| 1 | Calculus I for Engineering Students |
|---|---|
| 2 | Calculus II for Engineering Students |
| 3 | Linear Algebra for Engineering Students |
| 4 | Differential Equations for Engineering Students |
| 5 | Differential Equations for Mathematics Students |
| 6 | Partial Differential Equations |
| 7 | Basic Logic and Algebra |
| 8 | Calculus for Management Students |
| 9 | Calculus for Architecture Students |

| 10 | Distance Education Mathematics courses |
|---|---|
| 11 | Complex Calculus |
| 12 | Numerical Analysis (Graduate Course) |
| 13 | Numerical Linear Algebra (Graduate Cousre) |
| 14 | Numerical Solutions of Differential Equations (Graduate Course) |

## THESES SUPERVISED

| 1 | MS Thesis, On some fixed point theorems in the setting of b-metric spaces, 2015 |
|---|---|
| 2 | MS Thesis, Pseudospectral methods with various basis functions and applications to quantum mechanics, 2017 |
| 3 | MS Thesis, Series solutions of dynamic equations on time scales, 2017 |