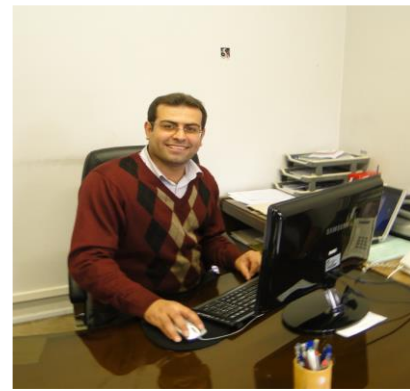


CURRICULUM VITAE

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PERSONAL:

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EDUCATION:

2008 Ph. D Pure Mathematics

University of Kashan, Iran.

Thesis topic: Counting Problems in Poset and Graphs and Some Applications in Nano Science

2004 M.Sc. Pure Mathematics

Kashan University, Iran

Project Topic: Computing Group Automorphisms of Tournaments

2002 B.Sc. Pure Mathematics

University of Kashan, Iran.

HONORS:

2019 The winner of the Grade A of the Shahid Rajaei Teacher Training University.

2017 The winner of the Grade A of the Shahid Rajaei Teacher Training University.

2015 The winner of the Grade A of the Shahid Rajaei Teacher Training University.

2014 The winner of the Grade A of the Shahid Rajaei Teacher Training University.

2013 The winner of the Grade A of the Shahid Rajaei Teacher Training University.

2012 Superior Master of the Shahid Rajaei Teacher Training University (Tribute Week Teacher).

2012 The winner of the Grade A of the Shahid Rajaei Teacher Training University.

2012 Top Researcher of the Shahid Rajaei Teacher Training University.

2012 ISI Scientist in Nanomaterials

2011 Top Researcher of ISI.

2011 Top Researcher of the Shahid Rajaei Teacher Training University.

2010 Top Researcher of the Shahid Rajaei Teacher Training University.

2010 Assistance professor of Mathematics, Shahid Rajaei Teacher Training University.

2008 Top Student in Ph. D Class of 2008, University of Kashan, Iran.

2007 Distinguished Student Researcher of the University of Kashan.

2005 Distinguished Student Researcher of the University of Kashan.

2005 Top Student in M.S.C Class of 2005, University of Kashan, Iran.

2003 - Present Member of the Iranian Mathematical Society.

SUBJECT TAUGHT:

Undergraduate Level: Number Theory, Algebra, Linear Algebra, Graph Theory, Ordinary Differential Equation, Calculus, Group Theory, Character Theory and Ring Theory.

Postgraduate Level: Lattice Theory, Group Theory, Character Theory, Permutation Groups, Computational Group Theory, Applications of Group Theory in Physics, Graph Theory.

PRESENT RESEARCH WORKS:

Finite Groups, Subgroup Lattices, Character Theory of Finite Groups, Mathematical Chemistry, Mathematical Biology, Mathematical Nanoscience.

JOURNAL PAPERS:

2006

1. A. Gholami, A.R. Ashrafi and M. Ghorbani, Symmetry of Benzenoid Chains, Bull. Chem. Technol. Macedonia, **25**(1)(2006), 23-27.
2. M. Ghorbani and A.R. Ashrafi, Counting the Number of Hetero Fullerenes, J. Comput. Theor. Nanosci., **3**(5)(2006), 803-810.
3. A. Gholami, J. Safaei, A.R. Ashrafi and M. Ghorbani, Symmetry of TetrahydroxyCalix[4]arenes, J. Serb. Chem. Soc., **71**(10)(2006), 1025-1029.
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9. A. R. Ashrafi, M. Ghorbani and M. Jalali, Computing Sadhana polynomial of V-phenylenic nanotubes and nanotori, *Indian J. Chem.*, **47A**(4)(2008), 538-541.
10. A. R. Ashrafi, M. Ghorbani and M. Jalali, The Vertex PI and Szeged Indices of an Infinite Family of Fullerenes, *J. Theor. Comput. Chem.*, **7**(2)(2008), 221-231.
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12. A. R. Ashrafi, M. Jalali, M. Ghorbani and M. V. Diudea, Computing PI and Omega Polynomials of an Infinite Family of Fullerenes, *MATCH Commun. Math. Comput. Chem.*, **60**(3) (2008), 905-916.
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14. Ali Reza Ashrafi, Modjtaba Ghorbani and Maryam Jalali, Detour matrix and detour index of some nanotubes, *Digest Journal of Nanomaterials and Biostructures*, **3**(4) (2008), 245-250.
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