



## Jalal Askari

Assistant Professor

College: Faculty of Mathematics

Department: Applied Mathematics

### Books

Ordinary Differential Equations, Fanavaran (Shaar) Publishing, Tehran, 2007.

Computer Science Basics and Pascal Programming, Fanavaran (Shaar) Publishing, Tehran, 2009.

### Education

Degree	Graduated in	Major	University
BSc	1999	Applied Mathematics	University of Mashhad
MSc	2001	Applied Mathematics Optimization and Optimal Control	Sharif University
Ph.D	2015	Mathematics Non linear Optimization and Applied Graph Theory	Tarbiat Modares University

### Employment Information

Faculty/Department	Position/Rank	Employment Type	Cooperation Type	Grade
Faculty of Applied Mathematics		Tenure Track	Full Time	14

### Papers in Conferences

1. J. Askari ,Seidel Eigenvalues and Some Properteis ,9th IGTC ,Kashan ,2017 2 1.
2. J. Askari, A. Iranmanesh ,an upper bound for modified Seidel energy and Haemers conjecture ,ICIORS2014 ,Semnan ,2014 5 13.
3. J. Askari ,a new approach to numerical method to calculate the energy of fullerenes ,ICNN2014 ,Tehran ,2014 10 22.
4. A. Iranmanesh, J. Askari ,an upper and lower bounds for  $S(G)$  by K.K.T method ,The First National Conference on Computational methods on Math/Chem/Bio ,Saveh ,2015 2 5.

5. J. Askari ,Some properties of eigenvalues in Seidel and Seidel Laplacian matrix ,49th Annual Iranian mathematics conference ,Tehran ,04/06/1397.
6. J. Askari ,Seidel and Seidel Laplacian matrix ,third conference on computational algebra, computational number theory and applications ,Kashan ,23/09/1397.

### Papers in Journals

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1. J. Askari, A. Iranmanesh, K. Das, Seidel-Estrada index, J INEQUAL APPL, 2016 5 01, ISI.
2. J. Askari, A. Iranmanesh, Upper and Lower Bounds for the Power of Eigenvalues in Seidel Matrix, Journal of Applied Mathematics and Informatics (JAMI), 2015 4 01, SCOPUS.
3. سعید دریجانی, جلال عسگری فرسنگی, فرزانه هاشمی, Flexible parsimonious mixture of skew factor analysis based on normal mean variance Birnbaum-Saunders, Mathematics Interdisciplinary Research, Vol. 9, pp. 385, 2024 08 16, ISC.
4. جلال عسگری فرسنگی, A note on the Seidel and Seidel Laplacian matrices, Boletim da Sociedade Paranaense de Matemática, 2021 05 25, SCOPUS, PubMed, ISI-Listed.
5. کینکار داس, جلال عسگری فرسنگی, علی ایرانمنش, Seidel-Estrada index, J INEQUAL APPL, Vol. 2016, pp. 120, 2016 05 11, ISI.
6. جلال عسگری فرسنگی, علی ایرانمنش, UPPER AND LOWER BOUNDS FOR THE POWER OF EIGENVALUES IN SEIDEL MATRIX, J. Appl. Math. & Informatics, 2015 09 30.
7. جلال عسگری فرسنگی, علی ایرانمنش, UPPER AND LOWER BOUNDS FOR THE POWER OF EIGENVALUES IN SEIDEL MATRIX, J. Appl. Math. & Informatics, Vol. 33, pp. 627, 2015 04 11, SCOPUS.
8. جلال عسگری فرسنگی, علی ایرانمنش, UPPER AND LOWER BOUNDS FOR THE POWER OF EIGENVALUES IN SEIDEL MATRIX, J. Appl. Math. & Informatics, Vol. 33, pp. 627, 2015 04 11, SCOPUS.
9. جلال عسگری فرسنگی, علی ایرانمنش, UPPER AND LOWER BOUNDS FOR THE POWER OF EIGENVALUES IN SEIDEL MATRIX, J. Appl. Math. & Informatics, Vol. 33, pp. 627, 2015 04 11, SCOPUS.
10. جلال عسگری فرسنگی, علی ایرانمنش, UPPER AND LOWER BOUNDS FOR THE POWER OF EIGENVALUES IN SEIDEL MATRIX, J. Appl. Math. & Informatics, Vol. 33, pp. 627, 2015 04 11, SCOPUS.
11. J. Askari, A. Soadatmandi, Chebyshev finite difference method for a nonlinear system of second-order boundary value problems, Applied Mathematics and Computation, 2007.
12. جلال عسگری فرسنگی, علی ایرانمنش, UPPER AND LOWER BOUNDS FOR THE POWER OF EIGENVALUES IN SEIDEL MATRIX, J. Appl. Math. & Informatics, 0000 00 00, ISI-Listed.
13. J. Askari, S. Akbari, K.C. Das, Some properties of eigenvalues of the Seidel matrix, Linear and Multi Linear Algebra, 2020 08 16, JCR-Scopus.