Dr. Bassem Ghalayini

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Biography

Dr. Bassem Ghalayini obtained his Licence D'Enseignement in Mathematics from the Lebanese University in 1985. He taught for one year (1998-99) at the American University of Beirut, after which he went for a Ph.D. Degree in Mathematics from the University of California, Los Angeles, U.S.A. in 1995. He joined NDU in 1995. His fields of interest are Ordinary, Partial, Delay, and Integro Differential Equations.

Peer-reviewed Journals

International

- George Eid, Bassem Ghalayini, and Youssef Raffoul (May 2015) Lyapunov Functionals and Stability in Nonlinear Finite Delay Volterra Discrete Systems, International Journal of Difference Equations, Vol. 10, No. 1, pp. 77–90, http://campus.mst.edu/ijde/index_files/ijde101.htm
- Bassem Ghalayini (August 2014) An Identity Involving Middle Binomial Coefficients, Fibonacci Quarterly, Vol. 52, No. 3, pp 282—283, http://www.fq.math.ca/Problems/AdvancedAug2014.pdf
- Ghalayini, B. and Malkoun, J. (August 2011) Golden Proportions in Higher Dimensions, Fibonacci Quarterly, No. 3, pp 267—272, http://www.fq.math.ca/Papers/49-3/GhalayiniMalkoun.pdf
- Ghalayini, B.B. and Tarabay, A.A. (Dec 2001) A Centroid Condition, Mathematics Magazine, Vol. 74, No. 5, p 407, http://www.jstor.org/stable/2691040?seq=5#page_scan_tab_contents
- Ghalayini, B.B. and Tarabay, A.A. (June 1999) A Functional Equation Satisfied by Complex Conjugation, Mathematics Magazine, Vol. 72, No. 3, pp 241–242, http://www.jstor.org/stable/2690890?seq=6#page_scan_tab_contents

Peer-reviewed Conference Proceedings

Local

- Ghalayini, B.B., Zoghbi, M.C., and Saleeby, E.G. (Feb 2008) A Numerical Method for solving a Nonlinear Integrodifferential Equation Arising in Crystallization, Proceedings of the First Conference on Current Trends in the Theory and Applications of Computer Science, Notre Dame University-Louaize, pp 318-334.

Exhibitions, Competitions and Creative Work

Local

- Co-organized a Conference on Differential Geometry at NDU-Louaize and AUB-CAMS in April 2015. The conference included several international speakers.
- Co-organized a Workshop on Actuarial Practices at NDU-Louaize in May 2014. The Workshop included several regional speakers.

- Co-organized a Workshop on Financial Mathematics at NDU-Louaize and Kaslik University in May 2013. The Workshop included several international speakers.