Fazal-i-Haq

Department of Maths/Stats/CS
KPK Agricultural University
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PERSONAL

Date of Birth:	February 3, 1964
Domicile:	Khyber Pakhtunkhwa Pakistan
Nationality:	Pakistani
Religion:	Islam
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CURRENT POSITION

Associate Professor, Department of Maths/Stats/CS KPK Agricultural University Peshawar.

FIELD OF SPECIALIZATION

Numerical solution of boundary-value problems and initial-boundary-value problems.

EDUCATION

GIK institute of Engineering Sciences and Technology topi swabi, Ph.D., Engineering Sciences (Applied Mathematics), 2009.

GIK institute of Engineering Sciences and Technology topi swabi, M.S., Engineering Sciences (Applied Mathematics), 2006.

Department of Mathematics University of Peshawar, M.Sc., Mathematics, 1986.

Govt. College Peshawar, B.Sc., 1983.

Edwardes College Peshawar, F.Sc., 1981.

Govt High School No.2 Peshawar, S.Sc., 1979.

EMPLOYMENT

Associate Professor, Khyber Pakhtunkhwa Agricultural University Peshawar, BS 20, 9/9/2011-To-date.

Assistant Professor, Khyber Pakhtunkhwa Agricultural University Peshawar, BS 20, 28/9/2009-8/9/2011.

Assistant Professor, Khyber Pakhtunkhwa Agricultural University Peshawar, BS 19, 27/2/2007-27/9/2009.

Assistant Professor, Khyber Pakhtunkhwa Agricultural University Peshawar, BS 18, 26/03/98-26/02/2007

Lecturer, Khyber Pakhtunkhwa Agricultural University Peshawar, BS 17, 15/08/89-25/3/98.

Lecturer, Department of Mathematics University of Peshawar, BS 17, 01/02/88-14/06/89.

Lecturer, Edwards College Peshawar, BS 17, 01/09/87-01/01/88.

PUBLICATIONS

[1] Siraj-ul-Islam, Imran Aziz, Fazal Haq (2010), *"A comparative study of numerical integration based on Haar wavelets and hybrid functions,"* Computers and Mathematics with Applications, 59 2026-2036.
IMPACT FACTOR: 1.192

[2] Fazal-i-Haq, Siraj-ul-Islam, Ikram A. Tirmizi (2010), *"A numerical technique for solution of the MRLW equation using quartic B-spline,"* Applied Mathematical Modelling, 34 4151-4160
IMPACT FACTOR: 1.375

[3] Siraj-ul-Islam, Bozidar Sarler, Imran Aziz, Fazal-i-Haq (2011), *"Haar wavelet collocation method for the numerical solution of boundary layer fluid flow problems,"* International Journal of Thermal Sciences, 50 686-697.
IMPACT FACTOR: 1.77

[4] Fazal-i-Haq, Imran Aziz, Siraj-ul-Islam (2011), *"Numerical solution of singularly perturbed two-point BVPs using non-uniform Haar Wavelets,"*International Journal for Computational Methods in Engineering Science & Mechanics, 12 168-175.

[5] Siraj-ul-Islam, Fazal-i-Haq, Ikram A. Tirmizi (2010), *"Collocation method using quartic B-spline for numerical solution of the modified equal width wave equation,"* Journal of Applied Mathematics & Informatics, 28 (3-4) 611-624.

[6] Fazal-i-Haq, Imran Aziz, Siraj-ul-Islam (2010), *"A Haar Wavelet Based Numerical Method for eight-order Boundary Problems,"* Int. Journal of Applied Mathematics and Computer Sciences, 6 (1) 25-31.

[7] Imran Aziz, Fazal Haq, Siraj-ul-Islam (2009), *"Numerical solution of sixth-order singular boundary value problems using Haar wavelets,"* Journal of Wavelet Theory and Applications (JWTA), 3 (1) 157-168.

[8] Ikram A. Tirmizi, Fazal-i-Haq, Siraj-ul-Islam (2008), *"Non polynomial Spline Solution of Singularly perturbed Boundary-value poblems"* Appl. Math. Computation. 196 6-16.
IMPACT FACTOR: 1.124

[9] Siraj-ul-Islam, Ikram A. Tirmizi, Fazal-i-Haq, M. Azam Khan (2008), *"Non-Polynomial Splines Approach to the Solution of Sixth-Order Boundary-Value Problems"* Appl. Math. Computation., 195 270-284.
IMPACT FACTOR: 1.124

[10] Siraj-ul-Islam, Ikram A. Tirmizi, Fazal Haq, Shahrukh K Taseer (2008), *"Family of Numerical Methods based on Non polynomial Splines for solution of contact problems,"* Communications in Nonlinear Science and Numerical Simulations, 13 1448-1460.
IMPACT FACTOR: 2.697

[11] Siraj-ul-Islam, Ikram A. Tirmizi, Fazal Haq (2007), *"Quartic non-polynomial splines approach to the solution of a system of second-order boundary-value problems,"* The Int. Journal of High Performance Computing Applications, 21 (1), 42-49.
IMPACT FACTOR: 1.274

[12] Fazal-i-Haq, Arshed Ali (2011), *"Numerical solution of fourth order boundary-value problems using Haar wavelets,"* Applied Mathematical Sciences, 5 (63) 3131-3146.

[13]   Fazal-i-Haq, Iltaf Hussain, Arshed Ali, (2011), *"A Haar Wavelets Based Numerical Method for Third-order Boundary- and Initial-Value Problems,"* World Applied Sciences Journal 13 (10) 2244-2251.

[14]   Fazal-i-Haq, Arshed Ali, Iltaf Hussain (2011), *"Numerical Solution of Sixth-order Boundary-Value Problems by Collocation Method using Haar Wavelets,"* International Journal of the Physical Sciences .(**ACCEPTED**)

[15]   Arshed Ali, Fazal-i-Haq, Iltaf Hussain (2011), *"A Numerical Meshless Technique for the Solution of Some Burgers Type Equations,"* World Applied Sciences Journal. (**ACCEPTED**)

[16] A. K. Khattak, Ahmad Nawaz, N. Yasmeen, Fazal Haq (1998), *"On some branchwise commutative S2 - Algebras,"* Sarhad J. Agric. 14 (3), 259-264.

[17] Zaki Ullah, Atta Ullah, Fazal haq, Ahmad Nawaz (1998), *"Factors to be considered in evaluating educational software,"* Sarhad J. Agric. 14 (5), 497-500.

ACADEMIC DISTINCTIONS

Gold Medal in M.Sc Mathematics.

Gold Medal in MS Engineering Sciences (Applied Mathematics).

Cash award of Rs. 150000 in MS Engineering Sciences (Applied Mathematics).

REFERENCES

Dr. Siraj-ul-Islam, Professor, Department of Basic Sciences, KPK Engineering University Peshawar Pakistan.
Dr. Arshed Ali, Assistant professor, Department of Mathematics, Wali Khan University Mardan Pakistan.