

Curriculum Vitae (CV)

Full Name: Salah Taha Hafez Ali



Personal Information:

Academic Rank: Assistant Professor

Department: Basic Science

Specialization: Mathematics

Position: Assistant Professor

Google Scholar:

Research Gate:

ORCID Record:

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Education:

Degree	Discipline	Institution	Year
Ph.D.	Applied Mathematics	Kent University, UK,	1990
M.Sc.	Applied Mathematics	Kent University, UK,	1988
B.Sc.	Applied Mathematics	Applied Mathematics Department, Faculty of Science, Ain Shams University, Cairo, Egypt	1983
B.Sc.	in Communication & Electronic Engineering Department.	Military Technical College , Cairo, Egypt	1978

Academic Experience:

Institution: Higher Technological institute

Rank: Assistant Professor

Dates: 1994 till now

Research interests:

- - Applied Mathematics

Publications:

- (1) "Explicit Solution of The Finite -Element Schroedinger Equation" J.phys. A: math. Gen. Vol. 22(1989), pp. 3229-3242.
- (2) "Continued Fractions Solution to The Riccati Equation and Integrable Lattice Systems" J.phys. A:math. Gen. Vol. 23(1990), pp. 455-466.
- (3) "Linearisation of The Relativistic and Discrete-Time Toda Lattices for Particular Boundary Condition" Inverse Problems. Vol. 8 (1992), pp. 59-69.

- (4) " Continued Fractions and Solution of A Class of Differential - Difference Equations" 19th International Conference of statistics, computer science & Its Applications, Ain Shams University, Cairo, Egypt, (1994), pp. 9-23.
- (5) "Comparison Between Miller Algorithm and Algorithm Based on Continued Fractions for Solving A Class of Difference Equations" 20th , International Conference of statistics, computer science & Its Applications, Ain Shams University, Cairo, Egypt, (1995), pp. 578-592
- (6) "Linearization of Volterra Lattice Equation for Particular Boundary Conditions, Scientific Bulletin, Faculty of engineering, Ain Shams University, Vol.32 , No.3 (1997), pp. 481-490.
- (7) "Q-D Algorithm and the Discrete-Time Toda Lattice Scientific Bulletin, Faculty of engineering, Ain Shams University, Vol.33 , No.4 (1998), pp. 589-595.
- (8) " A solution of The Initial Value Problem for Half- infinite Integrable Lattice System". Scientific Bulletin, Faculty of engineering, Ain Shams University, vol. 34 , No.3 (1999), pp. 817-836.
- (9) "Volterra and Discrete Korteweg de- Vries Equations", Proceeding of The 9th International Conference on Applied Mechanics and Mechanical Engineering, Military Technical College, Cairo, 16-18 May (2000), pp. 203-211.

Previous Jobs:

Period	Position	Place
1978 - 1986	Assistant in Mathematics Department.	Military Technical College. Cairo, Egypt.
1987 - 1990	Ph. D. Study.	Canterbury , Kent , England.
1990 - 1993	Doctor of Mathematics , Mathematics Department.	Military Technical College. Cairo, Egypt.
1994 - 1994	Member in Military Research Center.	Egyptian Army ordnance unit
1994 -1996	Doctor of Mathematics , Basic Science Department.	Higher Technological Institute , Ramadan Tenth City. Egypt
1997- 2017	Doctor of Mathematics Head of Basic Science Department	Higher Technological institute , 6th October branch. Egypt.
2018 - now	Doctor of Mathematics , Basic Science Department.	Higher Technological Institute , Ramadan Tenth City. 6th October branch. Egypt.

Teaching Experiences:

- * Different Mathematics Courses, Military Technical College, Cairo, Egypt
- * Differential Equations And related topics, Institute of Mathematics & Statistics. University Of Kent, Canterbury, Kent, England.
- Advanced Calculus and Complex Analysis , Faculty Of Engineering, El Mansoura University , Egypt.
- Numerical Analysis and advanced Mathematics in Banha, Higher institute of technology , Banha, Egypt.
- Different Mathematics Courses, Higher Technological institute, Ramadan Tenth City, Egypt.
- Different Mathematics Courses, Higher Technological institute, Ramadan Tenth City, 6th of October branch, Egypt.