CURRICULUM VITAE

PERSONAL DATA

Name	Ali Hocine Tedjani
Nationality	Algerian
Position	Assistant professor
E-Mail	Ahtedjani@imamu.edu.sa
Phone	966556234091

EDUCATION

Year	Academic Degree	Institution
1991	**PhD in Numerical Analysis**	Pierre and Marie Curie (Paris VI) University, France
1986	**M.Sc. in Pure mathematics**	Pierre and Marie Curie (Paris VI) University, France
1984	**B.Sc. in Functional Analysis**	University of Batna, Algeria

WORK EXPERIENCE

Period	Position	Address
2014 to date	Assistant professor	Imam Muhammad ibn Saud Islamic University , Riyadh , Saudi Arabia.
2011-2013	Assistant professor	College of Telecom and information , Riyadh , Saudi Arabia.
1999 -2011	Assistant professor	Riyadh College of Technology, Riyadh, Saudi Arabia.
1997-1999	Post doctoral	Medimat Laboratory (mathematical application on biological system), Pierre and Marie Curie (Paris VI) University, France

RESEARCH INTERESTS

Numerical Analysis; Applied Mathematics; Boundary Value Problems and Nonlinear PDEs; Bifurcation Phenomena; Theory of stochastic differential equation ; Spectral Theory; Topological and Variation Methods; Viscosity Solutions Theory; Finite Element Method, Discrete Potential Analysis.

PUBLICATIONS

- A.Tedjani: Modelisation of muscular strength control;1988, Medimat's days, university Paris VI.
- A.Tedjani,Y.Cherruault and A.Guiellez: Study of a complex motion., Cypernitica Namur, No3.1990.
- A.Tedjani,Y.Cherruault: Determination of a muscular strength of the animal during a locomotion cycle. Bioscience No 4.1991
- A.Tedjani: Mathematical model of the posterior limb movement during the swing portion, 1998, Medimat's days university Paris VI.
- A.Tedjani: the solution of: Mathematical model of the posterior limb movement during the swing portion by the quasi-linearization technique.1999, Medimat's days university Paris VI.
- M.A.Abdelkawy, E.M.Soluma, A.H.Tedjani: Spectral collocation technique for solving fractional generalized Cattaneo model. Intrnational Journalof Modern Physics C (IJMPC).Feb. 2023.