

Curriculum Vitae

Name: Abdelbasset Felhi

Date of Birth: December 2, 1972

Nationality: Tunisian

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Professional Address: Math Department, College of Science, King Faisal University, kingdom of Saudi Arabian .

EDUCATION:

October 2002: Ph.D. in Mathematics from the Paris13 University, Villetaneuse, France

☐ Dissertation: Spectral Theory and application to the Quantum Field Theory

☐ Research area: Spectral Theory and application to the Quantum Field Theory- Fixed point Theory

Septembre 1998: M.sc. in Mathematics from the Paris-Sud University, Orsay, France

☐ Dissertation: Orbital Stability of the Ground State for Non linear Schrodinger Equation

June 97 : B.Sc. in Mathematics from the Faculty of Sciences of Tunis, Tunisia

POSITIONS:

✓ Presently: Assistant professor of Mathematics, King Faisal University

✓ Academic years 2008-2015: Assistant professor of Mathematics, King Faisal University

✓ Academic years 2004-2007: Assistant professor of Mathematics, Preparatory Institute of Engineering of Bizerte, Tunisia

✓ Academic years 2002-2004: Assistant of Mathematics, Faculty of Sciences, Bizerte, Tunisia

✓ Academic year 2001-2002: I taught first year Analysis courses at the Paris13 University, France

PH. D. THESIS:

Title : "Analyse spectrale de l'Hamiltonien associe a un atome mobile non relativiste couple a un champ electromagnetique quantifie ”.

“Spectral analysis of the Hamiltonian associated to a mobile atom nonrelativistic coupled to a quantified electromagnetic field “

Advisor : J.-C. Guillot and Moez Dimassi.

✓ Defended : June 2002 at University of Paris XIII, France.

PUBLICATIONS:

- H. Aydi, A. Felhi, E. Karapinar, S. Sahmim, A Nadler-type fixed point theorem in metric-like spaces and applications, Accepted in Miskolc Math. Notes, (2015).
- Abdelbasset Felhi "On Multi-valued Weakly Picard Operators in Hausdorff Metric-Like Spaces ", International Journal of Analysis and Applications 11(2):168-182 · June 2016
- Hassen Aydi · Abdelbasset Felhi "Fixed points in modular spaces via α -admissible mappings and simulation functions"Journal of Nonlinear Science and Applications 9:3686–3701 · June 2016
- Abdelbasset Felhi, Slah Sahmim and Hassen Aydi"Ulam-Hyers stability and well-posedness of fixed point problems for α - λ -contractions on quasi b-metric spaces", Fixed Point Theory and Applications (2016) 2016:1
- Hassen Aydi, Abdelbasset Felhi, Slah Sahmim, " Fixed points of multivalued nonself almost contractions in metric-like spaces, Math Sci (2015) 9:103–108 DOI 10.1007/s40096-015-0156-7.
- HASSEN AYDI, ABDELBASSET FELHI AND SLAH SAHMIM," COMMON FIXED POINTS IN RECTANGULAR b-METRIC SPACES USING (E.A) PROPERTY", J. Adv. Math. Stud. Vol. 8(2015), No. 2, 159-169 <http://journal.fairpartners.ro>
- Analyse spectrale de l'Hamiltonien associe a un atome mobile non relativiste couple a un champ electromagnetique quantifie. Ph.D, Paris-Nord University, Villetaneuse, France(<http://www.univ-paris13.fr/>)
- A.Felhi, J.-C. Guillot and J. Robert"Hierarchy of Multipolar Terms for Non Relativistic Moving Atoms in QED" mparchive.
- Existence de l'etat fundamental pour l'Hamiltonien associe a un atome mobile non-relativiste couple a un champ quantifie, *Toisieme Rencontre Mathematiques Tunisienne D'ete en EDP, Analyse non lineaire et Geometrie*, Dar El Hout-Salambo, Tunisia, Juillet 2000

SELECTED CONFERENCES, SCHOOLS AND WORKSHOPS ATTENDED

- 1998-1999: Participate to the International Congress" Mathematics and Quantum Physics" Lille, France
- 1999-2000: Participate to the Summer School" Mathematics and Quantum Physics", Denmark
- 2000-2001: Participate to the congress" Journees semiclassiques" Paris13,France
- 2000-2001: Participate to the Summer School" Mathematics and Quantum Physics", Piriac, France
- 2001-2002: Participate to the Summer School" Journee de Scattering", Rennes, France
- 2000-2001: Participate to the Summer School" Mathematics and Quantum Physics", Bordeaux, France

- 1998-2002: Participate to " Physique Mathematique et EDP" at the Paris13 University, France

TEACHING:

- 2016-2017: General math, Calculus3, Real Analysis (1)
- 2015-2016: General math, Calculus1, The principles of algebra
- 2012-2014: General math, Calculus3, Calculs2, Calculus1
- 2011-2012: General math, Calculus3, Calculs2, Calculus1
- 2010-2011: General math, Calculus3, Calculs2, Calculus1 2009-2010: General math, Calculus3, Calculs2, Calculus1
- 2008-2009: Linear algebra, Calculus3
- 2004-2007: Analysis (Engineer).
- 2002-2004: Algebra and analysis (LR1), Integration

LANGUAGES:

Arab: Written and spoken (Good)

French: Written and spoken (Good)

English: Written and spoken (Average)