☒ Personal information

- First Name: Ramzi.
- Last Name: MAY.
- Date and place of birth: 12/08/1972 in Sousse (Tunisia).
- Marital Status: Married.
- Children: Three girls and one boy.
- Work Address: College of Sciences KFU Alihsa KSA.
- Address in Tunisia: Beni Rabiaa 4015 M'Saken Sousse Tunisia.
- E-Mail Address: rmay@kfu.edu.sa and Ramzi.May@fsb.rnu.tn
- Cellular Phone: 0508319864

☒ Education

- 2012 : **Doctorate Habilitation Research** (College of Sciences in Bizerte)
- 1996-2002: **Doctorate Thesis in Mathematics** (at the University Evry Val d'Essonne. France).
- 1995-1996: **Post Graduate Diploma** (College of Sciences of Orsay. France).
- 1991-1995**: Master Degree** (College of Sciences of Monastir; Tunisia).
- 1990-1991: **Higher Leaving Certificate**, section Mathematics

☒ Teaching Experience

- 2015-2016 :
  - ✓ **Functional Analysis** (Master Course) College of Sciences KFU in KSA
  - ✓ **Differential Forms** College of Sciences KFU in KSA
  - ✓ **Foundations of Geometry** College of Sciences KFU in KSA
- 2014-2015:
  - ✓ **Functional Analysis (** Master Course) College of Sciences KFU in KSA
  - ✓ **Differential Forms** College of Sciences KFU in KSA
  - ✓ **Foundations of Geometry** College of Sciences KFU in KSA
  - ✓ **Calculus 3** College of Sciences KFU in KSA
- 2013-2014
  - ✓ **Real Analysis** College of Sciences KFU in KSA
  - ✓ **Differential Forms** College of Sciences KFU in KSA
  - ✓ **Calculus 1** College of Sciences KFU in KSA
  - ✓ **General Mathematics** College of Sciences KFU in KSA
- 2012-2013:
  - ✓ **Applied Mathematics** College of Sciences KFU in KSA
  - ✓ **Linear Algebra** College of Sciences KFU in KSA

- ✓ **General Topology** College of Sciences KFU in KSA
- ✓ **Calculus 1** College of Sciences KFU in KSA
- ✓ **General Mathematics** College of Sciences KFU in KSA

- 2011-2012:
  - ✓ **Fourier Analysis and applications to PDE** College of Sciences in Bizerte Tunisia
  - ✓ **Differential Geometry** College of Sciences in Bizerte Tunisia
  - ✓ **Ordinary Differential Equations and applications** College of Sciences in Bizerte Tunisia
  - ✓ **General Topology** College of Sciences in Bizerte Tunisia

- 2010-2011 :
  - ✓ **Integration** College of Sciences in Bizerte Tunisia
  - ✓ **Functional Analysis** College of Sciences in Bizerte Tunisia.
  - ✓ **General Mathematics** IPEST Tunisia.
  - ✓ **Applied Mathematics** Polytechnic Institute .Tunisia.
- 2009-2010 :
  - ✓ **General Topology** College of Sciences in Bizerte Tunisia.
  - ✓ **Differential Calculus** College of Sciences in Bizerte Tunisia.
  - ✓ **Probability** College of Sciences in Bizerte Tunisia.
  - ✓ **Optimization and convex analysis** in College of Sciences in Bizerte Tunisia.
- 2008-2009:
  - ✓ **General Mathematics** College of Sciences in Bizerte Tunisia.
  - ✓ **General Topology** College of Sciences in Bizerte Tunisia.
  - ✓ **Functional Analysis** College of Sciences in Bizerte Tunisia.
  - ✓ **Fourier Analysis** College of Sciences in Bizerte Tunisia.
- 2007-2008:
  - ✓ **General Mathematics** College of Sciences in Bizerte Tunisia.
  - ✓ **General Topology** College of Sciences in Bizerte Tunisia.
  - ✓ **Complex Analysis** College of Sciences in Bizerte Tunisia.
  - ✓ **Differential Calculus** College of Sciences in Bizerte Tunisia.
- 2006-2007:
  - ✓ **Differential Equations** College of Sciences in Bizerte Tunisia.
  - ✓ **Functional Analysis** College of Sciences in Bizerte Tunisia.
  - ✓ **Complex Analysis** College of Sciences in Bizerte Tunisia.
  - ✓ **General Knowledge in Mathematics** in the Institute of Mathematic of Monastir Tunisia.
- 2005-2006:
  - ✓ **Linear Algebra** College of Sciences in Bizerte Tunisia.
  - ✓ **Functional Analysis** in College of Sciences in Bizerte Tunisia.
  - ✓ **Differential Equations** College of Sciences in Bizerte Tunisia
  - ✓ **Optimization** College of Sciences in Bizerte Tunisia.
- 2004-2005:
  - ✓ **Linear Algebra** College of Sciences in Bizerte Tunisia.
  - ✓ **Functional Analysis** College of Sciences in Bizerte Tunisia.
  - ✓ **Differential Equations** College of Sciences in Bizerte Tunisia
  - ✓ **Optimization** College of Sciences in Bizerte Tunisia.
- 2003-2004:
  - ✓ **Differential Geometry** College of Sciences in Bizerte Tunisia.
  - ✓ **General Mathematics** College of Sciences in Bizerte Tunisia.
  - ✓ **Differential Calculus** College of Sciences in Bizerte Tunisia.

☒ Research and Interests

☒ I am working on the problems of existence, uniqueness and behavior of the solutions of the Navier-Stokes Equations. I am also interested in the study of the asymptotic behavior of solutions to Differential Equations and Partial Differential Equations. In our works we use

essentially techniques coming from Harmonic Analysis and Real Analysis and Functional Analysis.

☒ Publications

- ***R. May:*** Role of the Besov space in the control of the eventual explosion in finite time of the regular solutions of the Navier-Stokes equations, *Comptes Rendus Math.* 336 (2003) pp. 731-734.
- ***P.G. Lemarié-Rieusset and R. May:*** Uniqueness for the Navier-Stokes equations and multipliers between Sobolev spaces, *Nonlinear Analysis* 66, (2007) pp. 813-838.
- ***R. May:*** Uniqueness of solutions for the Navier-Stokes equations in Morrey-Campanato spaces, *Bull. Sci. math.* 133 (2009) 817--836.
- ***R. May:*** Extension of a uniqueness class for the Navier-Stokes equations, *Ann. I. H. Poincaré* – AN 27 (2010) 705–718.
- ***R. May and E. Zahrouni:*** Global existence of solutions for subcritical quasi-geostrophic equations, *Communications on pure and applied Analysis*, Vol. 7, Number 5, (2008).
- ***R. May:*** Global well-possedness for modified surface dissipative quasi-geostrophic equations in the critical Sobolev space H^1, *J. Differential Equations* 250 (2011) 320-339.
- ***M.A. Jendoubi and R. May:*** On an asymptotically autonomous system with a Tikhanov regularizing term, *Arch. Math.* 95 (2010) 389-399.
- ***M.A. Jendoubi and R. May:*** Asymptotic for a second order differential equation with non-autonomous damping and integral source. *Applicable Analysis* 2014. DOI: 10.1080/00036811.2014.903569
- ***R. May:*** Long time behavior for a semilinear hyperbolic equation with asymptotically vanishing damping term and convex potential. *J. Math. Anal. Appli.* (2015) 410-416.
- ***R. May***: Asymptotic for a second order evolution equation with convex potential and vanishing damping term. To appear in “Turkish Journal of Mathematics”.

☒ Languages

- Arabic: Native Language.
- French: Spoken and Written.
- English: Written.

☒ Interestes and Hobbies

- Lecture (Arabic, french, historics, sciences… books)
- Sport: running.