ROKIA KECHKAR

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Research Interests

Partial differential equations (PDE'S), singular perturbations, intégro-differential equations, anisotropic PDE's, parabolic PDE's, elliptic PDE's.

Education

2011 – 2019 **USTHB -** Algiers , Algeria
PhD in Analysis. Study of a diffusion neutronic problem of type anisotropic degenerate and nonlocal.

2008 – 2010 **USTHB -** Algiers , Algeria
Master. Analysis. Numerical resolution of Sturm Liouville with a spectral method.

2005 – 2008 **USTHB -** Algiers , Algeria
License Analysis. Optimal control of a stock

Teaching Experience

2022 – 2023 **Teaching assistant,**
ANA 3 : Analysis 3 (ENSIA)

2021 – 2023 **Teaching assistant,**
ANA 2 : Analysis 2 (ENSIA)

2021 –2023 **Teaching assistant,**
ANA 1 : Analysis 1 (ENSIA)

2014 – 2021 **Teaching assistant,**
MATH3 : Mathematic 3 (USTHB)

2014 – 2021 **Teaching assistant,**
MATH4 : Mathematic 4 (USTHB)

2013 –2014 **Teaching assistant,**
ALG 1 : Algebra 1 (USTHB)

2012 – 2013 **Teaching assistant,**
MNA : Numerical Analysis (USTHB)

2011 – 2012 **Teaching assistant,**
MATH2 : Mathematic 2 (USTHB)

2011 – 2012 **Teaching assistant,**
MATH 1: Mathematic 1 (USTHB)

Recent Publications

2016 **Existence Results for Partial Integro-Differential Equations**
Authors. Senoussi Guesmia, Rokia Kechkar and Mohamed Said Moulay
Journal. Mediterranean Journal of mathematics.