

CURRICULUM VITAE



Personal information

- **Personal**
 - Prof. Nabil Merazga
 - Professor, Department of Mathematics and Computer Science, University of Oum El Bouaghi, Algeria.
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 - Google Scholar:
https://scholar.google.com/citations?view_op=list_works&hl=fr&user=n_hmOtIAAAAJ
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Education

- **Ph.D.'s degree** in Mathematics/Analysis (2004)
- **Master's degree** in Mathematics/Analysis (1997)
- **Graduate Diploma (DES)** in Mathematics/Analysis (1989)

Functions and Affiliations

- **Professor**, Department of Mathematics and Computer Science

Teaching modules

Bachelor 1: Analysis 1, Analysis 2, Algebra 1 and Algebra 2

Bachelor 2: Topology, Analysis 3, Analysis 4, Numerical Analysis 1 and Numerical Analysis 2

Master 1: Functional Analysis 1, Functional analysis 2, Thinking skills

Master 2: Variational Theory of Elliptic Equations, Approximation Theory

International publications

- MERAZGA, Nabil et BOUZIANI, Abdelfatah. **Rothe method for a mixed problem with an integral condition for the two-dimensional diffusion equation.** In : *Abstract and applied analysis*. Hindawi, 2003. p. 899-922.
- BOUZIANI, Abdelfatah et MERAZGA, Nabil. **Rothe time-discretization method applied to a quasilinear wave equation subject to integral conditions.** *Advances in Difference Equations*, 2004, vol. 2004, no 3, p. 1-25.

- MERAZGA, Nabil et BOUZIANI, Abdelfatah. **Rothe time-discretization method for a nonlocal problem arising in thermoelasticity.** *Journal of Applied Mathematics and Stochastic Analysis*, 2005, vol. 2005, no 1, p. 13-28.
- MERAZGA, Nabil et BOUZIANI, Abdelfatah. **Rothe time-discretization method for the semilinear heat equation subject to a nonlocal boundary condition.** *Journal of Applied Mathematics and Stochastic Analysis*, 2006, vol. 2006.
- BOUZIANI, Abdelfatah et MERAZGA, Nabil. **Solution to a semilinear pseudoparabolic problem with integral conditions.** *Electronic Journal of Differential Equations (EJDE)[electronic only]*, 2006, vol. 2006, p. Paper No. 115, 18 p., electronic only-Paper No. 115, 18 p., electronic only.
- MERAZGA, Nabil et BOUZIANI, Abdelfatah. **On a time-discretization method for a semilinear heat equation with purely integral conditions in a nonclassical function space.** *Nonlinear Analysis: Theory, Methods & Applications*, 2007, vol. 66, no 3, p. 604-623.
- BOUZIANI, Abdelfatah et MERAZGA, Nabil. **Solution to a transmission problem for quasilinear pseudoparabolic equations by the Rothe method.** *Electronic Journal of Qualitative Theory of Differential Equations [electronic only]*, 2007, vol. 2007, p. Paper No. 14, 27 p., electronic only-Paper No. 14, 27 p., electronic only.
- BOUZIANI, Abdelfatah, MERAZGA, Nabil, et BENAMIRA, Sihem. **Galerkin method applied to a parabolic evolution problem with nonlocal boundary conditions.** *Nonlinear Analysis: Theory, Methods & Applications*, 2008, vol. 69, no 5-6, p. 1515-1524.

Interests and Qualifications

- **Interests:** Mathematical analysis of linear and nonlinear partial differential equations.