


Curriculum vitae

Ben Mansour, Noura Assistant professor, AL Baha University, Saudi Arabia

First Name: Noura

Last Name: Ben Mansour

Date and place of birth: 08/06/1983 Paris, France 

Nationality: Tunisian 

Marital status: Married

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Objective

Teacher in several university institutes with modern and effective teaching methods. Holder of a doctorate in physics. Currently working, I am looking for a new challenge.

Professionnel Experience

Current position

- **2016-present** Assistant professor in Physics, Al Baha University, Faculty of Sciences and Arts Al Mandaq, Physics Department, Saudi Arabia.

Past positions

- **2010-2014** Assistant professor in Physics, University of Monastir, Preparatory Institute for Engineering Studies in Monastir, Physics Department, Tunisia.

Subjects taught

- Thermodynamics, Fluid Statics, Mechanics, Static Physics.
- Geometric and wave optics, Superconductor.
- Electromagnetism, Electrostatics, Heat Transfer

Education and Qualifications

- **2016. Ph.D.** in Physics, Faculty of Sciences of Tunis, University of Tunis El Manar, Tunisia
- **2009. Master's degree** in Physics, Faculty of Sciences of Tunis, University of Tunis El Manar, Tunisia
- **2007. Bachelor's degree** in Physical sciences, Faculty of Sciences of Tunis, University of Tunis El Manar, Tunisia

Scientific Research Activities

Published papers

1. **N. Ben Mansour**, N. Ben-Cheikh, B. Ben-Beya and T. Lili, Mixed convection flow in three-dimensional lid-driven square cavity with vertical temperature gradient, Int. J. of Mechanics and Energy (IJME), Vol. 1 (2013) ISSN: 2286-5845.

2. **N. Ben Mansour**, N. Ben-Cheikh, B. Ben-Beya and T. Lili, (2013), Etude numérique de la convection mixte dans une cavité cubique doublement entraînée, 21ème Congrès Français de Mécanique.
3. **N. Ben Mansour**, N. Ben-Cheikh, B. Ben-Beya, and T. Lili, (2014) Aspect ratio effects on 3D incompressible flow in lid-driven parallepiped cavity, Int. J. of Scientific Research & Engineering Technology (IJSET), Vol. 1 (2014) 14-19.
4. **N. Ben Mansour**, N. Ben-Cheikh, B. Ben-Beya, and T. Lili, Mixed convection of heat transfer in a square lid-driven cavity, Int. Letters of Chemistry, Physics and Astronomy, vol.55 (2015) 180-186.

Article submitted for publication:

N. Ben Mansour, R. Jmai, N. Ben-Cheikh, B. Ben-Beya, Mixed convection heat transfer and fluid flow in inclined cavity driven by a sliding lid.

Supervision of the project:

- **2020/2021:**
 - ✓ Numerical simulation of improving efficiency of PV cells by using Al₂O₃ and TiO₂ nanofluids.
 - ✓ Numerical Simulation of PV cell's cooling by using Cu and SiO₂ nanofluids.
- **2021/2022:**
 - ✓ Water cooling of electronic devices.

Communications

1. 2012: International Renewable Energy Congress (IREC).
2. 2013: International Symposium on Computational and Experimental Investigations on Fluid Dynamics CEFD'2013.
3. 2013: International Conference on Control, Engineering & Information Technology (CEIT'13).
4. 2014: World Symposium on Mechatronics Engineering & Applied Physics (WSMEAP' 2014).

Skills

- Programming Language Fortran
- Microsoft Office, Windows, Tecplot, Origin

Language

- Arabic
- French
- English