







# Mourad Guenouche

Associate Professor

 Laboratory of Theoretical Physics,  
Constantine 1 Frères Mentouri University,  
PB 325, Road to Ain El Bey, Constantine  
25017, Algria.

 guenouche\_mourad@univ-khenchela.dz

 guenouche\_mourad@umc.edu.dz

 +213 663 30 64 66



## LANGUES

Arabic 

French 

English 



## EDUCATION AND TRAINING

1999-2002  
Telerghma, Algeria

**High School diploma of Exact Sciences**  
high School Demonstrations of July 5, 1961

2002-2007  
Constantine, Algeria

**Diploma of Higher Studies in Theoretical Physics**  
Constantine 1 Frères Mentouri University

2007-2009  
Constantine, Algeria

**Magister Diploma in Theoretical Physics**  
Constantine 1 Frères Mentouri University

2015-2016  
Annecy, France

**Scholarship of the exceptional national program**  
Annecy-le-Vieux Laboratory of Theoretical Physics

2018  
Khenchela, Algeria

**Certificate of Training General English Advanced (C1)**  
Speak English language Institute

2011-2019  
Constantine, Algeria

**Doctor of Science Theoretical Physics**  
Constantine 1 Frères Mentouri University



## WORK EXPERIENCE

### HIGH SCHOOL DEMONSTRATIONS OF 5 JULY, 1961

Position occupied

- 2010-2012 Teacher of Physical Sciences

### CONSTANTINE 1 FRERES MENTOURI UNIVERSITY

Positions occupied

- 2011-2012 Teacher in Faculty of Exact Sciences
- Since 2012 Researcher in the Laboratory of Theoretical Physics

### HASSIBA BEN BOUALI UNIVERSITY OF CHLEF

Position occupied

- 2012-2017 Teacher in Faculty of Exact Sciences and Computer Sciences

### ABBES LAGHROUR UNIVERSITY OF KHENCHELA

Positions occupied

- Since 2017 Teacher in the Faculty of Sciences and Technology
- Since 2022 Member of the Disciplinary Board in Department of Material Sciences
- Since 2023 Head of Material Physics Speciality

1. K. E. Boudjemaa, M. Guenouche and S. R. Zouzou, Time delay in the Einstein-Straus solution, *Gen. Rel. Grav.* 43, 1707-1731 (2011), DOI: [10.1007/s10714-011-1152-3](https://doi.org/10.1007/s10714-011-1152-3)
2. G. Clément, D. Gal'tsov, and M. Guenouche, Rehabilitating space-times with NUTs, *Phys. Lett. B* 750, 591-594 (2015), DOI: [10.1016/j.physletb.2015.09.074](https://doi.org/10.1016/j.physletb.2015.09.074)
3. G. Clément, D. Gal'tsov, and M. Guenouche, NUT wormholes, *Phys. Rev. D* 93 024048, (2016) DOI: [10.1103/PhysRevD.93.024048](https://doi.org/10.1103/PhysRevD.93.024048)
4. G. Clément, and M. Guenouche, Motion of charged particles in a NUTty Einstein-Maxwell spacetime and causality violation, *Gen. Rel. Grav.* 50, 60 (2018), DOI: [10.1007/s10714-018-2388-y](https://doi.org/10.1007/s10714-018-2388-y)
5. M. Guenouche and S. R. Zouzou, Deflection of light and time delay in closed Einstein-Straus solution, *Phys. Rev. D* 98, 123508 (2018), DOI: [10.1103/PhysRevD.98.123508](https://doi.org/10.1103/PhysRevD.98.123508)