Personal Information

Name: Belkacem Family name: MEDDOUR

Date of Birth: 08/05/1966 Place of Birth: Khenchela
Professor Professor
Specialization: Mechanical Engineering
Bachelor's Degree :1985,Magister's Degree :2009, Ph.D. Degree: 2016,
Professorship :2025

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Professional Information

- Head of the Science and Technology Department 2010-2012
- Vice Dean of Education 2016
- Head of the Mechanical Engineering Department 2014-2016
- Member of the Science and Technology Faculty Scientific Committee 2022-2025
- Chair of the Science and Technology Department Scientific Committee 2022-2025
- Chair of the Science and Technology Department Scientific Committee 2019-2022
- Chair of the Science and Technology Doctoral Training Committee 2022

Scientific Experience

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Published Academic Articles in the Last Year

[1] B. Meddour, H. Zedira, H. Djebaili. 'One Dimensional Modeling of the Shape Memory Effect', Modeling and Numerical Simulation of Material Science, 2013, 3, 124-128,

[02] B. Meddour, H. Zedira, H. Djebaili . 'Three Dimensional Modeling and a Simulation of the Shape Memory Effect' Scientific Technical Review, 2014, Vol.64, No.3, pp.10-16,

[03] B. Meddour, H. Zedira, H. Djebaili, M. Brioua. 'Three-dimensional modeling of pseudoelastic effect of the shape memory alloys', Vol. 9 . No. 1, 2015, pp 1-14, Journal of the Serbian Society for Computational Mechanics,

[04] B. Meddour, H. Zedira, H. Djebaili 'One dimensional modeling of the thermoelastic behavior of shape memory alloys', Volume 16,Issue 5, Mechanics & Industry 511-516, 03 August 2015

[05] A. Abboudi, B. Meddour, B. Chermime, H. Djebaili, and M. Brioua.' Effect of MoZrN Coating on a Steel XC100', Metallofiz. Noveishie Tekhnol., 38, No. 7: 903-909 - 2016

[06] B. Meddour , F. Khadraoui, A. Guerraoui 'Numerical study of the behavior of a Zirconia dental prosthesis with prior defect', Vol. 11, No. 1, 2017, pp 1-10 Journal of the Serbian Society for Computational Mechanics,

[07] B. MEDDOUR, Simulation of the Behavior of a Cracked Head of Shoulder Prosthesis Journal of Nano- and Electronic Physics 12 (6), 06031(4), 2020

[08] S. Brek, B. MEDDOUR, Numerical Modeling of the Effects of Fiber Packing and Reinforcement Volume Ratio on the Transverse Elasticity Modulus of a Unidirectional Composite Material Glass / Epoxy, Revue de composites et matériaux avancés, Vol 30 N° 5-6, pp 203-210, 220

[09]I. Zidane, B. Meddour, On modelling of the one dimensional pseudoelastic effect of shape memory alloys, Mechanics & Industry 26, 6 (2025)

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Published Books

- Dynamique des machines tournantes
- Fatigue des matériaux
- Fatigue of materials & Fracture mechanics

➢ Théorie des mécanismes ➢ Méthodes numériques	