

Informations personnelles

Prénom : Abdelhakim

Nom: BOUHADRA

Date de naissance :01/09/1984

Lieu de naissance : Amoucha-Setif

le grade scientifique:Professeur

Spécialisation : Génie Civil

Magister: 2012, Doctora: 2015, Qualification universitaire: 2019

Informations professionnelles

- Enseignant au departement de Génie Civil, Faculté des Sciences et Technologie.
- Chef de spécialité –Licence Génie Civil-.
- Responsable du comité de la formation doctorale / filière Génie civil.
- Chef de projet de recherche formation universitaire –PRFU-.

Expérience scientifique

- Membre du Laboratoire de recherche des matériaux et Hydrologie de l'université de Sidi Belabbes.

Articles académiques publiés au cours de la dernière année

- Meski, K., Boutrid, A., Menasria, A., Bouhadra, A., Mamen, B., Tounsi, A., & Cuong-Le, T. (2024). Analytical modeling of flexural behavior of advanced composite sandwich beams under nonlinear hygro-thermo-mechanical loads. *Multiscale and Multidisciplinary Modeling, Experiments and Design*, 7(5), 4701-4719.
- Menasria A, Tamrabet A, Bouhadra A, et al. Nonlinear temperature dependent and visco-elastic foundation effects on the free vibration of functionally graded sandwich plates with ceramic foam core. *The Journal of Strain Analysis for Engineering Design*. 2024;59(8):542-558. <https://doi.org/10.1177/03093247241273834>.
- Chitour, M., Benguediab, S., Bouhadra, A., Bourada, F., Benguediab, M., & Tounsi, A. (2023). Effect of variable volume fraction distribution and geometrical parameters on the bending behavior of sandwich plates with FG isotropic face sheets. *Mechanics Based Design of Structures and Machines*, 52(6), 3079–3105. <https://doi.org/10.1080/15397734.2023.2197036>.
- Mourad Chitour, Abdelhakim Bouhadra, Fouad Bourada, Belgacem Mamen, Abdelmoumen Anis Bousahla, Abdelouahed Tounsi, Abdeldjebbar Tounsi, Mohamed Abdelaziz Salem, Khaled Mohamed Khedher, (2024). Stability analysis of imperfect FG sandwich plates containing metallic foam cores under various boundary conditions, *Structures*, 61, 106021, <https://doi.org/10.1016/j.istruc.2024.106021>.
- Boutrid, A., Rebai, B., Mamen, B. Bouhadra, A & Tounsi, A.A. Combined effect of temperature dependent material properties and boundary conditions on non-linear thermal stability of porous FG beams. *Acta Mech* 235, 2867–2887 (2024). <https://doi.org/10.1007/s00707-024-03860-y>.
- Lafi, D.E., Bouhadra, A., Mamen, B., Menasria, A., Bourada, M., Bousahla, A.A., Bourada, F., Tounsi, A., Tounsi, A. & Yaylacı, M. (2024). Combined influence of variable distribution models and boundary conditions on the thermodynamic behavior of FG sandwich plates lying on various elastic foundations. *Structural Engineering and Mechanics*, 89(2), 103-119. <http://doi.org/10.12989/sem.2024.89.2.103>.
- Masmoudi, F., Tamrabet, A., Refrafi, S., Alselami, N., Menasria, A., Bouhadra, A., Benyoucef, S. Coupled loading hygro-thermo-mechanical Effect on the stability of imperfect functionally graded sandwich plates. *Journal of Computational Applied Mechanics*, 2024; 55(4): 617-635. <https://doi.org/10.22059/jcamech.2024.374122.1007>.
- Meski, K., Boutrid, A., Menasria, A. et al. Analytical modeling of flexural behavior of advanced composite sandwich beams under nonlinear hygro-



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thermo-mechanical loads. Multiscale and Multidiscip. Model. Exp. and Des. 7, 4701–4719 (2024). https://doi.org/10.1007/s41939-024-00414-6. ➤ Tamrabet, A., Mourad, C., Ali Alselami, N., Menasria, A., Mamen, B., Bouhadra, A. Efficient Kinematic model for Stability Analysis of Imperfect Functionally Graded Sandwich Plates with Ceramic middle layer and Varied Boundary Edges. <i>Journal of Computational Applied Mechanics</i>, 2024; 55(2): 184-200. https://doi: 10.22059/jcamech.2024.371464.947. ➤ Slimani, R., Menasria, A., Ali Rachedi, M., Mourad, C., Refrafi, S., Nimer, A. A., Bouhadra, A., Mamen, B. A novel quasi-3D refined HSDT for static bending analysis of porous functionally graded Plates. <i>Journal of Computational Applied Mechanics</i>, 2024; 55(3): 519-537. https://doi: 10.22059/jcamech.2024.372417.968.	
Livres publiés	
➤ Cours et exercices « Structures Métalliques ». ➤ Cours « Voiries Réseaux Divers ».	

