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| First Name : Mariem  Last Name : MILADI CHAABANE  Occupation : Assistant, at the Higher Institute of Industrial Systems of Gabes  Specialty : Mechanical Engineering  Affiliation : Mechanical, Modeling and Manufacturing Unit, National Engineering School of Sfax (ENIS), BP 1173 – 3038 – Sfax – Tunisia  Phone : (+216) 96 637 834  Fax :  e-mail : mariam.mi@hotmail.fr  Postal Adress : National Engineering School of Sfax (ENIS), BP 1173 – 3038 – Sfax – Tunisia |  |
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| **Professional Experience :**   * Assistant at the Higher Institute of Industrial Systems of Gabes, Department of Mechanical Engineering (since September 2013); * Technologue Assistant at the higher institute of technological studies of Sfax, Department of Mechanical Engineering (2010/2011; 2011/2012; 2012/2013). | |
| **Research Activities :**   |  |  |  | | --- | --- | --- | | **PhD degree**  **(January 2014)** | Specialty | Mechanical Engineering | | Research laboratory | * Mechanics, Modeling and Manufacturing Research laboratory at the National Engineering School of Sfax; * Laboratory of Mechanical. Engineering Systems and Materials at the Higher Institute of Mechanics of Paris | | Title | Geometrical and mechanical modeling for mechatronic systems | | Mention | Very honorable |  |  |  |  | | --- | --- | --- | | **Master degree**  **(April 2010)** | Specialty | Mechanical and Engineering | | Research laboratory | Mechanics, Modeling and Manufacturing Research laboratory at the National Engineering School of Sfax; | | Title | Vibratory characterization of mechanical structures using operational modal analysis. | | Mention | Very good | | |
| **Journal Papers :**  Mohamed Slim ABBES, Mariem MILADI CHAABANE, Ali AKROUT, Tahar FAKHFAKH, and Mohamed HADDAR, Vibratory behavior of a double panel system by the Operational Modal Analysis***, International Journal of Modeling, Simulation, and Scientific Computing***, Vol. 2, No. 4 (2011) , 459–479, DOI: 10.1142/S1793962311000578  Ali AKROUT, Mariem MILADI CHAABANE, Lotfi HAMMAMI and Mohamed HADDAR, Edge stiffness effects on thin-film laminated double glazing system dynamical behavior by the operational modal analysis, ***Journal of Mechanics of Materials and Structures***, 7-8 (2012), 837-859, DOI 10.2140/jomms.2012.7.837   1. Mariem MILADI CHAABANE, Régis Plateaux, Jean-Yves CHOLEY, Chafik KARRA, Alain RIVIERE and Mohamed HADDAR, New topological approach for the modeling of mecatronic systems: Application for piezoelectric structures, ***European Journal of Computational Mechanics***, ID: 820896 DOI:10.1080/17797179.2013.820896. 2. Mariem MILADI CHAABANE, Régis Plateaux, Jean-Yves CHOLEY, Chafik KARRA, Alain RIVIERE and Mohamed HADDAR, New approach to solve dynamic truss structure using topological collections and transformations, ***International Journal of Mechanic Systems Engineering (IJMSE***), Vol. 3, Issue 4, November 2013. | |
| **Conference Papers :**  Mariem MILADI CHAABANE, Régis Plateaux, Jean-Yves CHOLEY, Alain RIVIERE, Chafik KARRA and Mohamed HADDAR, Introduction de structures dynamique pour la modélisation des systèmes Mécatroniques : Application à un treillis, ***4ème congrès International Conception et Modélisation des Systèmes Mécaniques, CMSM’2011***, Sousse (Tunisie), 2011.  Mariem MILADI CHAABANE, Ali AKROUT, Tahar FAKHFAKH, Mabrouk BEN TAHAR and Mohamed HADDAR, Dynamic modal analysis of a laminated double glazing system, ***1st International Conference on Composite Dynamics***, Arcachon - FRANCE, 22-24 May 2012.  Mariem MILADI CHAABANE, Régis Plateaux, Jean-Yves CHOLEY, Chafik KARRA, Alain RIVIERE and Mohamed HADDAR, Topological approach to solve 2D truss structure using MGS language, ***IEEE MECATRONIC REM 2012***, 437-444, France, 2012.  Mariem MILADI CHAABANE, Régis Plateaux, Jean-Yves CHOLEY, Chafik KARRA, Alain RIVIERE and Mohamed HADDAR, Application d’une approche topologique pour la modélisation d’une barre piézoélectrique, ***5ème congrès International Conception et Modélisation des Systèmes Mécaniques, CMSM’2013***, Djerba (Tunisie), 25-27 Mars 2013.  Mariem MILADI CHAABANE, Régis Plateaux, Jean-Yves CHOLEY, Chafik KARRA, Alain RIVIERE and Mohamed HADDAR, Topological approach for the modeling of complex and Mechatronic systems, ***Journées des systèmes Mécatroniques JSM 2014*** , Mahdia (Tunisie), 2014. | |