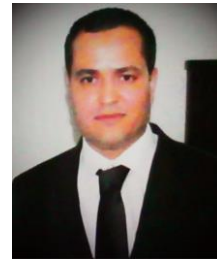


Curriculum Vitae

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Work experience **2015** to Now, Assistant Professor in Electrical Engineering, Majmaah University, College of Engineering.KSA.
2010 to Now, Electrical Engineering Researcher on Laboratory of Analysis, Conception and Control of systems. University of Tunis El Manar, National Engineering School of Tunis
2009-2015, Assistant Professor in Electrical Engineering, High School of Technology Studies of Kairouan, Tunisia.
2006-2009, Electrical Engineering Teacher, Secondary School, La goulette Tunis, Tunisia.

Education and training **2014**, PhD in Electrical Engineering, University of Tunis El Manar, National Engineering School of Tunis
Specialization: Linear Electrical machines control and design.
2008, Master of Electrical Systems, University of Tunis El Manar, Engineering School of Tunis
Specialization: Electrical machines control and design.
2005, Bachelor of Electrical Engineering, University of Tunis, High School of Science and Technology of Tunis
Specialization: Electrical machines and Power Electronics.
2001, Certificate of Baccalaureat in Mathematics, Secondary School of thala Kasserin Tunisia.
Training:
Softawre design and optimization of electrical machines, **February 2013**, G2ELab Grenoble, France
Pedagogic training on Technical Education. **Mars 2006**, Tunis,Tunisia.
Pedagogic training on Technical Evaluation. **August 2006**, Monastir, Tunisia.
Maintenance of electrical devices STEG, **August 2003**. Tunis, Tunisia.

Personal skills and competences

Technical skills and competences Maintenance of Electricals system and electronic devices, fabrication and design of electrical machines...

Computer skills and competences Office(word, power point), Xp, Software for electrical system (Power Sim, Matlab, Simulink, Maxwell, Réductool, Cades,Step7, Workbench...)

Publications «A Fuzzy Logic Concept Design for Improving the Angular Resolution of Permanent Magnet Stepper Machine», El Manâa Barhoumi, Kais Mhatli, Boujemâa Ben Salah, Studies in Informatics and Control, Vol. 17. No. 3, September 2008.

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Conference Presentations

«Amortissement des Oscillations Rotoriques des Moteurs Pas à Pas Rotatifs par application de la Logique Floue» El Manâa BARHOUMI, Kais MHATLI, Boujemâa BEN SALAH, La cinquième Conférence Internationale d'Electrotechnique et d'Automatique, 02-04 Mai 2008, Hammamet, Tunisie.

«Robust Bang Bang Controller Applied to a Permanent Magnet Stepper Motor» El Manâa BARHOUMI, Kais MHATLI, Boujemâa BEN SALAH, 5th International Conference on Electrical Engineering 27-29 October 2008, Batna, Algeria.

«Modeling of a Double Stator LSRM based on Finite Elements Analysis » El Manâa Barhoumi, Boujemâa Ben Salah, 12th International Conference on Sciences and Techniques of Automatic Control and Computer Engineering STA 18 - 20 December 2011, Tunisia

«Design of a Double Stator LSRM with Improvements in the Mobile Structure » El Manâa Barhoumi, Mansour Hajji , Boujemâa Ben Salah, 2012 First International Conference on Renewable Energies and Vehicular Technology, REVET- 25-28 March 2012, Tunisia

«Vector Control for Linear Induction Machine with Minimization of the End Effects »Mansour Hajji, El Manâa Barhoumi, Boujemâa Ben Salah, 2012 First International Conference on Renewable Energies and Vehicular Technology, REVET- 25-28 March 2012, Tunisia.

«Design of a Hybrid Linear Stepper Motor for Shunting the Railways Channels» El Manâa Barhoumi, Mansour Hajji , Boujemâa Ben Salah, The IEEE International Conference on Electrical Engineering and Software Applications ICEESA, March 21-23, 2013, Tunisia.

«Influences Analysis of Geometrical Parameters on Propulsive Force of LSRM» El Manâa Barhoumi, Mansour Hajji , Boujemâa Ben Salah, 10th IEEE International Multi-Conference on Systems, Signals & Devices SSD, Mars 18-21, 2013, Tunisia

.«**Optimization of a Linear Hybrid Actuator using Reluctance Network Model**» Barhoumi El Manâa, Wurtz Frederic, Chillet Christian, Ben Salah Boujemâa, International Conference on Control, Engineering & Information Technology (CEIT'14) Proceedings - Copyright IPCO-2014 ISSN 2356-5608. 2014.

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