

Dr. Maria Larakeb CV

Name: Maria LARAKEB

Rank: "Maître de Conférence B" senior lecturer at National Polytechnic School University 3

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Educational Profile:

- Doctorat LMD /PhD degree in Electrical Engineering, Faculty of Science of Technology, University Constantine 1, Algeria.
Graduation PhD with honors in Electrical Engineering "Option Management and Transformation of Electrical Energy" at electrical engineering department, Thesis theme Parametric identification of a synchronous alternator and filtering disturbed mode.
- Master 2 in Electrical Engineering , Electrical engineering department Faculty of Science of Technology, University Constantine 1;
Final year project, entitled « Experimental study of a synchronous machine ».
- Bachelor of Science in Technical « Electrical Engineering speciality », Faculty of Science of Technology, University Constantine 1, Algeria.

List of Journal Publications

1. "On-line Parameters Estimation of Low-Scale SPSG Using Discrete Kalman Filters", JES, 12-4(2016):770-785. Indexed in SCOPUS and Web of Science (Thomson Reuters).

List of Conference Papers

2. "On-line Estimation of SPSGP Parameters using Discrete Kalman Filters", IEEE-EEEIC, Florence, June 7-10, 2016.
3. "Biased Kalman Filter Applied for On- Line Estimation of SPSG Parameters", 5th ICSC, Cadi Ayyad University, Marrakech, May 25-27, 2016.
4. "Modeling and Analysis of a Salient Poles Synchronous Machines using Finite-Elements Method", SPEEDAM'2014, June 18-20, 2014, Ischia, Italie.
5. "Lab. Implementation of a Hybrid Series Active Power Filter System Part II: Series Active Filter Designing", PEMC2014, Sept. 21-24, 2014, Antalya, Turkey.
6. "Laboratory Implementation of a Hybrid Series Active Power Filter System Part I: Designing of Passive Components", 16th Int. Power Electronics and Motion Control Conf. And Exposition, PEMC2014, Sept. 21-24, 2014, Antalya, Turkey.
7. "Practical Study of a Laboratory Undersized Grid-Connected PV System", Int. Conf. on Smart Grids and Technologies, ISGT2014, Kuala Lumpur, Malaysia, 20- 23 May 2014.
8. "Real and Virtual Labs for Enhancing a SM course", 15th ICEMS'2012, October 21-24, 2012, Sapporo, Japan

9. «Virtual laboratory of conventional electric machines», 7th International Interactive Mobile and Computer Aided Learning Conference IMCL 2012, Amman, Jordan, 6-8 November 2012.