

DJELAILIA Okba

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Cité 600 logts N° 45F Tébessa



Diplomes

2016-2020 Doctorat Université Badji Mokhtar Annaba

Filière : Electrotechnique

Spécialité : Electrotechnique

Thème : Gestion des synergies d'une alimentation électrique autonome multi-sources à base d'énergies renouvelables

2014-2016 Master (BAC+5) Université Badji Mokhtar Annaba

Filière : Electrotechnique

Spécialité : Réseaux électrique

Thème : Contribution à l'étude et à la modélisation d'un système photovoltaïque autonome connecté au réseau électrique.

2011-2014 Licence (BAC+3) Université chikh larbi tebessi Tébessa

Filière : Génie électrique

Spécialité : Réseaux électrique

Thème : Contribution à l'étude et à la modélisation des systèmes photovoltaïque (Sys-autonome)

2007-2011 Baccalauréat

Bac scientifique sciences naturel, au lycée Houari Boumediene Tébessa- Tébessa

Parcours Pédagogique

01/09/2017-30/02/2018

Matière : Electrotechnique Mesure Électrique 2ème Année Licence Tronc Commun Électrotechnique Université Badji Mokhtar Annaba.

04/11/2019-30/02/2020

Matière : Informatique (Matlab_Simulink), 2ème Année Licence Science et Technologie Université Badji Mokhtar Annaba.

01/02/2020-30/06/2020

Matière : Méthode numérique, 2ème Année Licence Science et Technologie Université Badji Mokhtar Annaba.

01/09/2021-15/06/2022

Matière : La chaîne de mesure, 3ème Année Licence Institut des Mines Université chikh laarbi tebessi Tébessa.

01/09/2021-30/06/2022

Matière : Capteur et technique de mesure, 1ère Année Master Institut des Mines Université chikh laarbi tebessi Tébessa.

01/09/2022- 15/06/2023

Matière : Electrotechnique fondamentale, 2ème Année Licence Institut des Mines Université chikh laarbi tebessi Tébessa

Parcours Scientifique **Internationale Publications**

Okba Djelailia, Mounia Samira Kelaiaia, Hocine Labar, Salah Necaibia, Faycel Merad, "Energy hybridization photovoltaic/diesel generator/pump storage hydroelectric management based on online optimal fuel consumption per kWh," *Sustainable Cities and Society*, vol. 44, pp. 1-15, 2019.

S. Necaibia, M. S. Kelaiaia, H. Labar, **O. Djelailia**, F. Merad, "Practical Implementation of a Proposed MPPT Control Strategy to Mitigate Inaccurate Responses for Photovoltaic Systems," *International Journal on Electrical Engineering and Informatics - Volume 10, Number 4, Desember 2018*.

F. Merad, H. Labar, M. S. Kelaiaia, S. Necaibia, and **O. Djelailia**, "A maximum power control based on flexible collector applied to concentrator solar power," *Renewable and Sustainable Energy Reviews*, vol. 110, , pp. 315-331, 2019.

Okba Djelailia, Mounia Samira Kelaiaia, Hocine Labar, Salah Necaibia, Faycel Merad, "Hybrid Energy System with an Energy Management Control Strategy Based on the Online Fuel Consumption ," , *Electric Power Components and Systems*, vol. 47, pp. 1717-1730, 2020.

Conférences Internationale

Okba Djelailia, Mounia Samira Kelaiaia, Hocine Labar, Salah Necaibia, and Faycel Merad, "Micro Grid Solar-Diesel Hybrid System Integration in the South of Algeria," *The 3rd International Conference on Power Electronics and their Applications (ICPEA 2017) Djelfa, Algeria*.

Salah Necaibia, Mounia Samira Kelaiaia, Hocine Labar, Ammar Necaibia and **Okba Djelailia**, "A Novel Improved MPPT Control to Mitigate Inaccurate Responses under Non-Uniform Insolation Conditions," *The 3rd International Conference on Power Electronics and their Applications (ICPEA 2017) Djelfa, Algeria*.

Faycel Merad, Hocine Labar, Mounia Samira Kelaiaia, Salah Necaibia, and **Okba Djelailia**, "Proposed Model of Parabolic Trough Systems for Concentrator Solar Power," *The 3rd International Conference on Power Electronics and their Applications (ICPEA 2017) Djelfa, Algeria*.

Okba Djelailia, Mounia Samira Kelaiaia, Hocine Labar, Salah Necaibia, and Faycel Merad, "Photovoltaic-Hydroelectric Power Storage-Diesel Hybridization Integrated in South Algeria" *Second International Conference on Electrical Engineering (ICEEB'2018) Biskra, Algeria*.

Okba Djelailia, Mounia Samira Kelaiaia, Hocine Labar, Salah Necaibia, and Faycel Merad, "Hybrid Microgrid Energy System with an Energy Management Control Strategy Inegerted in South Algeria" *International Conference on Communications and Electrical Engineering (ICCEE 2018) El-Oued, Algeria*.

Okba Djelailia, Mounia Samira Kelaiaia, Hocine Labar, Salah Necaibia, Faycel Merad, "Photovoltaic-Hydroelectric Power Storage-Diesel Hybridization System Integrated in South Algeria" *1st International Conference on Renewable Energy and Energy Conversion (ICREEC'2019)*

Oran, Algeria.

Okba Djelailia, Mounia Samira Kelaiaia, Hocine Labar, Salah Necaibia, Faycel Merad, “Optimal Fuel Consumption Planning and Energy Management Strategy for a Hybrid Energy System with Pumped Storage” International conference on Sustainable Renewable Energy systems and Application (ICSRESA 2019) **Tebessa, Algeria.**

Hichem chouial, Hocine Labar, Mounia Samira Kelaiaia, Salah Necaibia, **Okba Djelailia** and Faycel Merad, “Simulation of low cost incremental conductance MPPT control based SEPIC converter in solar application under fast-charging solar irradiation level” International conference on Sustainable Renewable Energy systems and Application (ICSRESA 2019) **Tebessa, Algeria.**

Divers

Langues : Français, Anglais, Arabe.

Informatique : Matlab (M-file/Simulink),