

### Liste des papiers de conférences en 2019

1. Lotfi Chaouech, Moez Soltani, Abdelkader Chaari, Fuzzy sliding mode controller design using scalar sign function for a class of TS fuzzy models, The 6<sup>th</sup> International Conference on Control, Decision and Information Technologies (CoDIT), 23-26 April, Paris, France, 2019.
2. Jaouher Chroua, Fethi Farhani, Abderrahmen Zaafour, Mohamed Jemli, A Methodology for Modelling of Takagi-Sugeno Fuzzy Model based on Multi-Particle Swarm Optimization: Application to Gas Furnace system, The 6<sup>th</sup> International Conference on Control, Decision and Information Technologies (CoDIT), 23-26 April, 2019.
3. Hedi Ben Mahdhi, Hechmi Ben Azza, Mohamed Jemli, Direct Power Control of a PMSG in Wind Power Conversion System under Faulty Rectifier Conditions, The 19<sup>th</sup> International Conference on Sciences and Techniques of Automatic Control and Computer Engineering (STA), 24-26 March, Sousse, Tunisia, 2019.
4. Moustapha Elwalaty, Mohamed Jemli, Hechmi Ben Azza, A Two-Rectangular Coils Wireless Charging Electric Vehicle with Photovoltaic Generator, The 19<sup>th</sup> International Conference on Sciences and Techniques of Automatic Control and Computer Engineering (STA), 24-26 March, Sousse, Tunisia, 2019.
5. Walid Touti, Mohamed Salah, Samira Ben Salem, Khmais Bacha, Abdelkader Chaari, Spectral Response and Efficiency of a Gearbox-SEIG system involved in Wind Turbine Application, The 19<sup>th</sup> International Conference on Sciences and Techniques of Automatic Control and Computer Engineering (STA), 24-26 March, Sousse, Tunisia, 2019.
6. Nadia Mars, Lassad Houcine, Abdurrahman Zaafour, Abdelkader Chaari, Nature-inspired algorithms for Optimum sizing of hybrid photovoltaic/wind generator, The 19<sup>th</sup> International Conference on Sciences and Techniques of Automatic Control and Computer Engineering (STA), 24-26 March, Sousse, Tunisia, 2019.
7. Tarek Azizi, Hanen Toujeni, Moufida Ben Karoui, Rached Gharbi, A comprehensive device modeling of solid state dye sensitized solar cell with SCAPS-1D, The 19<sup>th</sup> International Conference on Sciences and Techniques of Automatic Control and Computer Engineering (STA), 24-26 March, Sousse, Tunisia, 2019.
8. Zouhour Kaddachi, M Belhi, Rached Gharbi, Moufida Ben Karoui, Effect of Ga doped TiO<sub>2</sub> photoanode on photovoltaic performances of natural dye-sensitized solar cells, The 19<sup>th</sup> International Conference on Sciences and Techniques of Automatic Control and Computer Engineering (STA), 24-26 March, Sousse, Tunisia, 2019.
9. Raouaa Tayari, Ali Ben Brahim, Fayçal Ben Hmida, Fault estimation based fault tolerant control design for Linear parameter varying system, The 19<sup>th</sup> International Conference on Sciences and Techniques of Automatic Control and Computer Engineering (STA), 24-26 March, Sousse, Tunisia, 2019.
10. Nabila Mabrouk, Med Hedi Moulahi, Fayçal Ben Hmida, Gamma Process with Covariats and Remaining Useful Life Improvement in an Actuator, The 19<sup>th</sup> International Conference on Sciences and Techniques of Automatic Control and Computer Engineering (STA), 24-26 March, Sousse, Tunisia, 2019.

11. Omayma Mansouri, Iskander Boulaabi, Fayçal Ben Hmida, Anis Sellami, Sliding Mode Observer for a Class of Nonlinear Time-Delay Systems, The 19<sup>th</sup> International Conference on Sciences and Techniques of Automatic Control and Computer Engineering (STA), 24-26 March, Sousse, Tunisia, 2019.
12. Riadh Hmidi, Ali Ben Brahim, Fayçal Ben Hmida, Anis Sellami, Diagnosis for lipschitz nonlinear system with sliding mode observer and virtual sensor, The 19<sup>th</sup> International Conference on Sciences and Techniques of Automatic Control and Computer Engineering (STA), 24-26 March, Sousse, Tunisia, 2019.
13. Raouaa Tayari, Ali Ben Brahim, Fayçal Ben Hmida, Actuator Fault Tolerant Control design for Linear Parameter Varying Systems, International Conference on Advanced Systems and Emergent Technologies (IC\_ASET), 19-22 March, Hammamet, Tunisia, 2019.
14. Tlili Messai, Abdeljalil Chammam, Anis Sellami, Second order sliding mode control of a low pressure discharge lamp, The 19<sup>th</sup> International Conference on Sciences and Techniques of Automatic Control and Computer Engineering (STA), 24-26 March, Sousse, Tunisia, 2019.