

### Liste des papiers de conférences en 2017

1. Moez Soltani, Achraf Jabeur Telmoudi, Lotfi Chaouech, Abdelkader Chaari, Robust possibilistic c-regression models algorithm, 4th International conference on control, decision and information technologies (CoDIT), 5-7 April, Barcelona, Spain, 2017.
2. Wael Chakchouk, Chiheb Ben Regaya, Abderrahmen Zaafouri, Anis Sallami, An improved fuzzy logic control of irrigation station, 4th International conference on control, decision and information technologies (CoDIT), 5-7 April, Barcelona, Spain, 2017.
3. Talel Bessaoudi, Fayçal Ben Hmida, Chien-Shu Hsieh, Robust state and fault estimation for nonlinear stochastic systems with unknown disturbances, 4th International Conference on Information Science and Control Engineering (ICISCE), 21-23 July, Changsha, China, 2017.
4. Jaouher Chroua, Abderrahmen Zaafouri, Mohamed Jemli, Engineering optimisation by heterogeneous cuckoo search algorithm: Application to an irrigation station, International Conference on Advanced Systems and Electric Technologies (IC\_ASET), 14-17 Jan, Hammamet, Tunisia, 2017.
5. Abdelkader Abbassi, Mohamed Ali Dami, Mohamed Jemli, Statistical characterization of capacity of Hybrid Energy Storage System (HESS) to assimilate the fast PV-Wind power generation fluctuations, International Conference on Advanced Systems and Electric Technologies (IC\_ASET), 14-17 Jan, Hammamet, Tunisia, 2017.
6. Chiheb Ben Regaya, Wael Chakchouk, Abderrahmen Zaafouri, Anis Sallami, Abdelkader Chaari, Adaptive Discrete-time Backstepping Control of irrigation station, International Conference on Advanced Systems and Electric Technologies (IC\_ASET), 14-17 Jan, Hammamet, Tunisia, 2017.
7. Talel Bessaoudi, Fayçal Ben Hmida, A unified framework for simultaneous fault and state estimation of linear discrete-time descriptor stochastic systems in the presence of the unknown disturbances, International Conference on Engineering & MIS (ICEMIS), 8-10 May, Monastir, Tunisia, 2017.
8. Houaida Cherni, Iskander Boulaabi, Anis Sellami, Fayçal Ben Hmida, Delay-dependant derivative sliding mode observer for output time-varying delay system: Network system application, International Conference on Control, Automation and Diagnosis (ICCAD), 19-21 Jan, Hammamet, Tunisia
9. Faten Gannouni, Fayçal Ben Hmida, Simultaneous state and fault estimation for linear stochastic systems, 18<sup>th</sup> International conference on Sciences and Techniques of Automatic control & computer engineering (STA), 21-23, December, Monastir, Tunisia, 2017.
10. Hedi Ben Mahdhi, Hechmi Ben Azza and Mohamed Jemli, Development of control strategies in a wind energy conversion system based on PMSG, 18<sup>th</sup> International

- conference on Sciences and Techniques of Automatic control & computer engineering ( STA), 21-23, December, Monastir, Tunisia, 2017.
11. Mongi Moujahed, Hechmi Ben Azza, Mohamed Jemli, Mohamed Boussak "Fault tolerant direct torque control of PMSM fed by cascaded two-level, 5<sup>ème</sup> Conférence Internationale en Automatique & Traitement de Signal (ATS), 21-23 Mars, Sousse, Tunisie, 2017.
  12. Saif Saadaoui, Mohamed Aziz Ben Youssef, Rached Gharbi, Precision low cost real time system for laser beam induced current investigations on solar cells, International Conference on Engineering & MIS (ICEMIS), 08-10 May, Monastir, Tunisia, 2017.
  13. Dhouha Ben Salem, Wajdi Saad, Anis Sellami, Germain Garcia, Integral sliding mode control for systems with time-varying input and state delays, International Conference on Engineering & MIS (ICEMIS), 8-10 May, Monastir, Tunisia, 2017.
  14. Wajdi Saad, Anis Sellami, Robust sliding mode- $H^\infty$  control for a class of unmatched systems, International Conference on Advanced Systems and Electric Technologies (IC\_ASET), 14-17 Jan, Hammamet, Tunisia, 2017.
  15. Mejri Saida, Slim Dhahri, Anis Sellami, Actuator faults reconstruction for a class of dynamical hybrid system, International Conference on Control, Automation and Diagnosis (ICCAD), January 2017, Hammamet, 2017.
  16. Marwen Bjaoui, Brahim Khiari, Ridha Benadli, Mouad Memni, Anis Sellami, " Maximum Power Point Tracking of a photovoltaic pumping system with PSO controller design" The 4th International Conference on Green Energy and Environmental Engineering (GEEE), 21-23, March, 2017.
  17. Kamel Ben Hamouda, Anis Sellami, Mekki Ksouri, Integral Pseudo Sliding Mode Control for Nonlinear Systems, The International Conference on Control, Automation and Diagnosis (ICCAD), 19-21 Jan. Hammamet, Tunisia, 2017.
  18. M Abassi, A Khlaief, O Saadaoui, A Chaari, Mohamed Boussak, Performance analysis of PMSM DTC drives under inverter fault, International Conference on Advanced Systems and Electric Technologies (IC\_ASET), 14-17 January, Hammamet, Tunisia, 2017.
  19. Samira Ben Salem, Mohamed Salah, Walid Touti, Khmais Bacha, Abdelkader Chaari, Stray Flux analysis for monitoring eccentricity faults in induction motors: Experimental study, International Conference on Control, Automation and Diagnosis (ICCAD), 19-21 January, - Hammamet-Tunisia, 2017.
  20. Mohamed Salah, Samira Ben Salem, Walid Touti, Khmais Bacha, Abdelkader Chaari, Stator Current Signature Analysis to Monitor Shaft Misalignment in Induction Motor Speed-controlled, International Conference on Control, Automation and Diagnosis (ICCAD), 19-21 January, Hammamet, Tunisia, 2017.