Production Scientifique (par ordre chronologique décroissant)

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EL BAHIR Lhoussain	2021	2021_Design and Implementation of a Simple and Efficient Control Strategy for PVEs	Youssef MALLAL, Youssef ALIDRISSI, Lhoussain EL BAHIR, Touria HASSBOUN	Gazi University Journal of Science	GU J Sci 34( ): (2021), DOI:10.35378/gujs.692786

- **2020**

ELBACHA Abdelhadi	2020	Fuzzy Improvement on Luenberger Observer Based Induction Motor Parameters Estimation for High Performances Sensorless Drive	Boulghasoul, Z., Kandoussi, Z., Elbacha, A. et Tajer, A.	Journal of Electrical Engineering and Technology	Vol.15, 2179–2197
EL BAHIR Lhoussain	2020	NPC five level inverter using SVPWM for Grid-Connected Hybrid Wind-Photovoltaic Generation System	Elamri Oumaymah, Oukassi Abdellah, Bouhali Omar, El Bahir Lhoussain	Advances in Science, Technology and Engineering Systems Journal	Vol. 5, No. 6, 981-987 (2020)
EL BAHIR Lhoussain	2020	Optimal Fault Tolerant Control of Large-Scale Wind Turbines in the Case of the Pitch Actuator Partial Faults	Younes Ait El Maati and Lhoussain El Bahir	Complexity, ISSN 10762787	Vol. 2020, Article ID 6210407, 17 pages
EL BAHIR Lhoussain	2020	The Rotor and Tower Vibrations Damping Monitoring in the Case of Total Pitch Servomotors Failure	Younes Ait Elmaati, Lhoussain El Bahir and Khalid Faitah	International Journal of Acoustics and Vibration, ISSN 1027-5851	Vol. 25, No. 1, 2020
TAJER Abdelouahed	2020	Knapsack problem-based control approach for traffic signal management at urban intersections: Increasing smooth traffic flows and reducing environmental impact	Hajar Lalaoui Elidrissi, Ahmed Nait-Sidi-Moh, Abdelouahed Tajer	Ecological Complexity	Vol.44; 100878; Elsevier
TAJER Abdelouahed	2020	Fuzzy Improvement on Luenberger Observer Based Induction Motor Parameters Estimation for High Performances Sensorless Drive	Zakaria Boulghasoul, Zineb Kandoussi, Abdelhadi Elbacha, Abdelouahed Tajer	Journal of Electrical Engineering & Technology	Vol.15, 5, 2179-2197
TAJER Abdelouahed	2020	Feature Extractors Evaluation Based V-SLAM for Autonomous Vehicles	Mounir Amraoui, Rachid Latif, Abdelhafid El Ouardi, Abdelouahed Tajer	Advances in Science, Technology and Engineering Systems Journal	Vol. 5 Issue 5 Pages 1137-1146
TAJER Abdelouahed	2020	Modular design for an urban signalized intersections network using synchronized timed Petri nets and responsive control	Hajar Lamghari Elidrissi, Ahmed Nait-Sidi-Moh, Abdelouahed Tajer	Procedia Computer Science	Vol. 170 Pages 458-465 Publisher Elsevier
NIBOU Lahbib	2020	Effect of temperature and clay addition on the thermal behavior of phosphate sludge	Mohamed Amine Harech, Mohamed Mesnaoui, Younes Abouliatim, Y Elhafiane, Abdelaziz Benhammou, Abdelkrim Abourriche, Agnes Smith, Lahbib Nibou	Boletín de la Sociedad Española de Cerámica y Vidrio	BSECV 209 1–11

HAMZAOUI Abdelkrim	2020	Electromagnetic pulse generator: An analytical and numerical study of the Lorentz force in tube crimping processes	K Sofi, M Hamzaoui, H Elidrissi, A Nait Sidi Moh,D Jouaffre and A Hamzaoui	CIRP Journal of Manufacturing Science and Technology	Vol. 31, November 2020, Pages 108-118
boulghasoul zakaria	2020	Fuzzy Improvement on Luenberger Observer Based Induction Motor Parameters Estimation for High Performances Sensorless Drive	Boulghasoul Zakaria, Zineb Kandoussi, Elbacha Abdelhadi, Abdelouahed Tajer	JOURNAL OF ELECTRICAL ENGINEERING & TECHNOLOGY	Vol. 15 , Issue: 5 , Pages: 2179-2197
Bouyahia Fatima	2020	"A non_stationary queuing approach and Genetic Algorithm for the optimization of Truck Appointment System in a Container Terminal in Casablanca City	Sara Belaqziz, Fatima Bouyahia, Saad Lissane ElHaq, Jaoud Boukachour	International Journal of Logistics Systems and Management IJLSM	Vol. 1, N° 1

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AAMOUCHE Ahmed	2019	Effect of surfactants on the optical and magnetic properties of cobalt-zinc ferrite Co0.5Zn0.5Fe2O4	El Foulani A.-H., Aamouche A. , Mohseni F. , Amaral J. , Tobaldi D., Pullar R. C.	Journal of Alloys and Compounds	Vol. 774, Pages 1250-1259.
NIBOU Lahbib	2019	EFFECT OF THE SAFI CLAY ADDITION ON THE MINERALOGICAL TRANSFORMATIONS OF THE WASHED PHOSPHATES SLUDGE	M. Harech, M. Mesnaoui , Y. Abouliatim , Y. Elhafiane , A. Benhammou , A. Abourriche , A. Smith , L. Nibou	PROCEEDING OF PLUMEE	Vol. 71
Bouyahia Fatima	2019	Platform support organ transplant process in a Moroccan context	Fatimaezzahra Hamdani, Fatima Bouyahia, Malek Masmoudi, Abderrahman El Mhamedi, Abdellah Ait Ouahman	IEEE Explore	-
DAKKAK Badr	2019	Evaluation Model of the Production System Effectiveness	Ahmed Bounit, Elhassan Irhirane, Badr Dakkak, Abdelatif Rajji, and Abaida Abdellah	International Journal of Performability Engineering	Vol. 15 Issue (8)
DAKKAK Badr	2019	support tool to assist the choice of skills for maintenance intervention based on experimental design	Badr Dakkak, Elhassan Irhirane, Ahmed Bounit	International Journal for Quality Research	Vol. 13(3) 705–720 DOI – 10.24874/IJQR13.03-13
EL BAHIR Lhoussain	2019	High-Performance Emulator for Fixed Photovoltaic Panels	Youssef Mallal , Lhoussain El Bahir , and Touria Hassboun	International Journal of Photoenergy, ISSN 1687-529X	Vol. 2019, Article ID 3951841, 11 pages
HAMZAOUI Abdelkrim	2019	Efficient adaptive load balancing approach for compressive background subtraction algorithm on heterogeneous CPU–GPU platforms	L Mabrouk, S Huet, D Houzet, S Belkouch, A Hamzaoui and Y Zennayi	Journal of Real-Time Image Processing	Vol.17, 1567–1583 (2020)
IRHIRANE EL Hassan	2019	Evaluation Model of the Production System Effectiveness	Ahmed Bounit, El Hassan Irhirane, Badr Dakkak, Abdelatif Rajji, Abaida Abdellah	International Journal of Performability Engineering	Vol.15, 8, 2031-2039
IRHIRANE EL Hassan	2019	Evaluation Model of the Production System Effectiveness	Ahmed Bounit, El Hassan Irhirane, Badr Dakkak, Abdelatif Rajji, Abaida Abdellah	International Journal of Performability Engineering	Vol.15, 8, 2031-2039
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IRHIRANE EL Hassan	2019	New approach integrating the health, safety, and environment systems for the maintenance function in industries	El Hassan Irhirane, Ahmed Bounit, Badr Dakkak, Rachid Benmoussa, Nawal Bourquia	Journal of Process Mechanical Engineering	Vol.233, 4, 926-941

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AUHMANI Khalid	2018	Application of the filter approach and the clustering algorithm on cancer datasets	Sara Haddou Bouazza, Khalid Auhmani, Abdelouhab Zeroual	International journal of computer information systems and industrial management applications. ISSN 2150-7988	Vol. 10 pp. 68 – 86;
AUHMANI Khalid	2018	Selecting significant marker genes from microarray data by filter approach for cancer diagnosis	3. Sara Haddou Bouazza Khalid Auhmani Abdelouhab Zeroual Nezha Hamdi	Procedia Computer Science	Vol. 127, Pages 300-309
AUHMANI Khalid	2018	Prostate Cancer diagnosis based on Microarray gene expression profile	Sara Haddou Bouazza, Khalid Auhmani, Abdelouhab Zeroual,	Journal of Engineering Technology ISSN 0747-9964	Vol. 6, Issue 2, PP. 282-291
AUHMANI Khalid	2018	New approaches for gene selection and cancer diagnosis based on microarray gene expression profiling	Sara Haddou Bouazza, Khalid Auhmani, Abdelouhab Zeroual	Journal of Engineering Technology ISSN 0747-9964	Vol. 6, Issue 2, PP. 98-113
BENMOUSSA Rachid	2018	Simulating Lean and Green Correlation in Supply Chain Context	Rachid Benmoussa, Fatima Ezzahra Essaber, Roland De Guio, Fatima Zahra Ben Moussa	International Journal of Industrial and Manufacturing Engineering	Vol.12, No:8, 2018
DAKKAK Badr	2018	New approach integrating the health, safety, and environment systems for the maintenance function in industries	Elhassan Irhirane, Ahmed Bounit, Badr Dakkak, Rachid Benmoussa and Nawal Bourquia	Journal of Process Mechanical Engineering	Vol. 233 Issue 4
ELBACHA Abdelhadi	2018	Steady-State Analysis and Voltage Control of Self-Excited Induction Generator Using Artificial Neural Network and active Filter	Youssef ZIDANI, Smail ZOUGAR, Abdelhadi ELBACHA	Iranian Journal of Science and Technology, Transactions of Electrical Engineering,	Vol. 42, issue 1, pp 41-48
EL BAHIR Lhoussain	2018	Fault Tolerant Control of Internal Faults in Wind Turbine: Case Study of Gearbox Efficiency Decrease	Younes Ait Elmaati, Lhoussain El Bahir and Khalid Faitah	International Journal of Rotating Machinery, ISSN 1023-621X	Vol. 2018, Article ID 9538489, 8 pages
HAMZAOUI Abdelkrim	2018	Efficient parallelization of GMM background subtraction algorithm on a multi-core platform for moving objects detection	L Mabrouk, S Huet, D Houzet, S Belkouch, A Hamzaoui,and Y Zennayi	2018 4th International Conference on Advanced Technologies for Signal and Image Processing, ATSIP	<mark>pp. 1-5</mark>
HAMZAOUI Abdelkrim	2018	Single core SIMD parallelization of GMM background subtraction algorithm for vehicles detection	L Mabrouk, D Houzet, S Belkouch, S Huet, A Hamzaoui and Y Zennayi	Colloquium in Information Science and Technology, CIST	<mark>pp. 308–312</mark>
HAMZAOUI Abdelkrim	2018	Performance and Scalability Improvement of GMM Background Segmentation Algorithm on Multi-core Parallel Platforms	Lhoussein Mabrouk, Sylvain Huet, Said Belkouch, Dominique Houzet, Yahya Zennayi, Abdelkrim Hamzaoui	Lecture Notes in Electrical Engineering : Proceedings Of The 1st International Conference On Electronic Engineering And Renewable Energy, Iceere	Vol. 519, pp 120-127
HAMZAOUI Abdelkrim	2018	Experimental study of magnetic pulse generator and the field shaper effect on the current pulse	K Sofi, M Hamzaoui, H Elidrissi, A Nait Sidi Moh, A Hamzaoui	3rd Renewable Energies, Power Systems and Green Inclusive Economy, REPS and GIE 2018	<mark>pp. 1-5</mark>

TAJER Abdelouahed	2018	Embedding SLAM algorithms: Has it come of age?	M. Abouzahir, A. Elouardi, R. Latif, S. Bouaziz, Abdelouahed Tajer	Robotics and Autonomous Systems	Vol. 100, pp 14-26, 2018
TAJER Abdelouahed	2018	Petri nets conflicts resolution for performance evaluation and control of urban bus networks: a (max, +) based approach	Y. Idel Mahjoub; Ahmed NAIT Sidi Moh, E. Chakir Elalaoui; A. TAJER	Transportmetrica A: Transport Science, https://doi.org/10.1080/23249935.2018.1527864	Vol. 16, 2020 - Issue 2: Dynamic Models Serving Real-time Urban Transport Operation
IRHIRANE EL Hassan	2018	New approach integrating the health, safety, and environment systems for the maintenance function in industries	El Hassan Irhirane, Ahmed Bounit, Badr Dakkak, Rachid Benmoussa, Nawal Bourquia	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering	233, 4, 926-941
IRHIRANE EL Hassan	2018	'Design of a New Safe Operating Product: Review, Classi cation and Opportunities	Fatimazahra Guini, Abdellah El Barkany, Abdelouahhab Jabri and El Hassan Irhirane	Pertanika Journal of Science and Technology	26, 2, 545-560
IRHIRANE EL Hassan	2018	An approach for the evaluation of a product's process planning during the design phase through a groupe multi criteria descision making	Fatimazahra Guini, Abdellah El Barkany, Abdelouahhab Jabri and El Hassan Irhirane	International Journal of Engineerig Research in Africa	38, , 154-162
Bouyahia Fatima	2018	Modeling vehicle queues at a marine container terminal using non-stationary queuing approach	Sara Belaqziz, Fatima Bouyahia, Saad Lissane Elhaq, Jaouad Boukachour	ICTMOD	8691278, 2018, Pages 6-11
NIBOU Lahbib	2018	Flat ceramic microfiltration membrane based on natural clay and Moroccan phosphate for desalination and industrial wastewater treatment	M. Mouiya, A. Abourriche, A.Bouazizi, A. Benhammou, Y. El Hafiane, Y. Abouliatim, Lahbib. Nibou, M. Oumam, M.Ouammou, A. Smith, H. Hannache	Desalination and water treatment	Vol 427, pages 42-50
Bouyahia Fatima	2018	Modeling vehicle queues at a marine container terminal using non-stationary queuing approach	Sara Belaqziz, Fatima Bouyahia, Saad Lissane Elhaq, Jaouad Boukachour	ICTMOD	8691278, 2018, Pages 6-11

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AAMOUCHE Ahmed	2017	Influence of C6H4(OH)2 isomers on water disinfection by photocatalysis: a computational study	K. Elmenaouar, R. Benbrik, A. Aamouche	Condensed Matter Physics	Vol.20(2), 23302
AAMOUCHE Ahmed	2017	Catalytic activity of ferrite nanostructure monitored with infrared spectroscopy	A.-H. El Foulani, A. Aamouche, A. Jedaa, M. Amjoud, K. Ouzaouit	Journal of materials and Environmental Sciences	Vol.8(3), 863-839
AAMOUCHE Ahmed	2017	Influence of C6H4(OH)2 isomers on water disinfection by photocatalysis: a computational study	K. Elmenaouar, R. Benbrik, A. Aamouche	Condensed Matter Physics	Vol.20(2), 23302
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BELKOUCH Said	2017	VLIW DSP-Based Low-Level Instruction Scheme of Givens QR Decomposition for Real-Time Processing	Mohamed Najoui, Mounir Bahtat, Anas Hatim, Said Belkouch and Noureddine Chabini	Journal of Circuits, Systems and Computers	Vol. 26, No. 09
BENMOUSSA Rachid	2017	Reviewing the use of the theory of inventive problem solving (TRIZ) in green supply chain problems	Fatima Zahra Ben Moussa, Ivana Rasovska, Sébastien Dubois, Roland De Guio, Rachid Benmoussa	Journal of Cleaner Production	Vol. 142, Part 4, Pages 2677–2692, 2017

BENMOUSSA Rachid	2017	Risk Management Approach for Lean, Agile, Resilient and Green Supply Chain	Benmoussa Rachid, Deguio Roland, Dubois Sebastien, Rasovska Ivana	International Journal of, Social, Behavioral, Educational, Economic, Business and Industrial Engineering	Vol.11, No:4, 2017
DAKKAK Badr	2017	Estimate of OEE (Overall Equipment Effectiveness) Objective from Classical OEE	ELHASSAN IRHIRANE*, AHMED BOUNIT and BADR DAKKAK	International Journal of Performability Engineering	Vol. 13, Number 2, March 2017 - Paper 4 - pp. 135-142
ELBACHA Abdelhadi	2017	Sensorless control of induction motor drives using an improved MRAS observer	Zineb Kandoussi ; Zakaria Boulghasoul ; Abdelhadi Elbacha ; Abdelouahed Tajer	Journal of Electrical Engineering and Technology	Vol.12(4):1456-1470
ELBACHA Abdelhadi	2017	Real time implementation of a new fuzzy-sliding-mode-observer for sensorless IM drive	Zineb Kandoussi ; Zakaria Boulghasoul ; Abdelhadi Elbacha ; Abdelouahed Tajer	COMPEL: The International Journal for Computation and Mathematics in Electrical and Electronic Engineering	Vol. 36 No. 4, pp. 938-958
EL BAHIR Lhoussain	2017	Accurate Maximum Power Point Tracking Algorithm Based on a Photovoltaic Device Model	Lhoussain El Bahir, Touria Hassboun	International Journal of Photoenergy	Vol. 2017, Article ID 5693941, 10 pages
HAMZAOUI Abdelkrim	2017	Current and temperature distribution in a massive one turn coil used in electromagnetic pulse generator	K Sofi, H El Idrissi, M Hamzaoui, A Hamzaoui, L.C Alaoui, F Bougrioua, D Jouaffre, M Morel, and D Haye	18th International Symposium on Electromagnetic Fields in Mechatronics, Electrical and Electronic Engineering, ISEF 2017	pp. 1-2
TAJER Abdelouahed	2017	Towards an approach of synthesis, validation and implementation of distributed control for AMS by using events ordering relations	Y. Qamsane, A. Tajer, A. Philippot	International Journal of Production Research	Vol.55(21), pp. 6235-6253,
TAJER Abdelouahed	2017	A synthesis approach to distributed supervisory control design for manufacturing systems with Grafcet implementation	Y. Qamsane, A. Tajer, A. Philippot. A	International Journal of Production Research	Vol. 55, 2017 - Issue 15, Pages 4283-4303
TAJER Abdelouahed	2017	Sensorless control of induction motor drives using an improved MRAS observer	Z. Kandoussi, Z. Boulghasoul, A. Elbacha and A. Tajer	Journal of Electrical Engineering & Technology	Vol. 12, No. 4, pp.1456-1470,
TAJER Abdelouahed	2017	Real time implementation of a new fuzzy-sliding-mode-observer for sensorless IM drive	Z. Kandoussi, Z. Boulghasoul, A. Elbacha and A. Tajer	COMPEL: The International Journal for Computation and Mathematics in Electrical and Electronic Engineering	Vol. 36, No. 4, pp. 938-958,
boulghasoul zakaria	2017	Real time implementation of a new fuzzy-sliding-mode-observer for sensorless IM drive	Zineb Kandoussi, Zakaria Boulghasoul, Abdelhadi Elbacha, Abdelouahed Tajer	COMPEL-THE INTERNATIONAL JOURNAL FOR COMPUTATION AND MATHEMATICS IN ELECTRICAL AND ELECTRONIC ENGINEERING	Vol. 36, Issue: 4, Pages: 938-958
boulghasoul zakaria	2017	Sensorless Control of Induction Motor Drives Using an Improved MRAS Observer	Zineb Kandoussi, Zakaria Boulghasoul, Abdelhadi Elbacha, Abdelouahed Tajer	JOURNAL OF ELECTRICAL ENGINEERING & TECHNOLOGY	Vol. 12, Issue: 4, Pages: 1456-1470
IRHIRANE EL Hassan	2017	Estimate of OEE (Overall Equipment Effectiveness) Objective from Classical OEE	El Hassan Irhirane, Ahmed Bounit And Badr Dakkak	International Journal of Performability Engineering	Vol.13, 2, 135-142
Bouyahia Fatima	2017	Diagnostic and modeling of elderly flow in a French healthcare institution	Fatima Ezzahra Hamdani, Malek Masmoudi, Ahmad Al Hanbali, Fatima Bouyahia, Abdellah Ait Ouahman	Computers & Industrial Engineering	Vol. 112, October 2017, Pages 675-689
Bouyahia Fatima	2017	Platform support organ transplant process in a Moroccan context.	Fatima Ezzahra Hamdani, Fatima Bouyahia, Malek Masmoudi, Abderrahman El Mhamedi, Aibdellah Ait Ouahman	CoDIT	Vol. 2017, Nov.2017, Pages 1025-1029

NIBOU Lahbib	2017	Study of borosilicate glaze opacification by phosphates using Kubelka-Munkmodel	Y. Abouliatim, Y. El Hafiane, A. Smith, M. Mesnaoui, T. Chartier, A. Benhammou, A. Abourriche, Lahbib. Nibou	Ceramics International	Vol 43(8), pages 5862-5869
NIBOU Lahbib	2017	Substitution of aluminous cement by calcium carbonates in presence of carboxylic acid	Y. El Hafiane, A. Smith, Y. Abouliatim, A. Benhammou, A. Abourriche, Lahbib. Nibou, B. Tanouti, J.-P. Bonnet	Construction and Building Material	Vol 154, pages 711–720
NIBOU Lahbib	2017	Porous ceramic from Moroccan natural phosphate and raw clay for microfiltration applications	M. Mouiya, A. Abourriche, A. Benhammou, Y. El Hafiane, Y. Abouliatim, Lahbib. Nibou, M. Oumam, H. Hannache, A. Smith	Desalination and water treatment	Vol 83, pages 277-280

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BELKOUCH Said	2016	Instruction Scheduling Heuristic for an Efficient FFT in VLIW Processors without Memory References of Twiddle Factors	Mounir Bahtat, Said Belkouch, Philippe Elleaume, Philippe Le Gall	EURASIP Journal on Advances in Signal Processing	==Article number: 38==
BELKOUCH Said	2016	Efficient architecture for direct 8× 8 2D DCT computations with earlier zigzag ordering	Anas Hatim, Said Belkouch, Abderrahim Benslimane, Moha M'Rabet Hassani & Tayeb Sadiki	Multimedia Tools and Applications	Vol. 75, pp. 6121–6141
BENMOUSSA Rachid	2016	Design of a fuzzy model that integrates hygiene, safety, and environment systems for the assessment of the overall risk of machines"	Ahmed Bounit , Elhassan Irhirane, Nawal Bourquia, Rachid Benmoussa	Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability	Vol. 230(4), pp. 378-390, 2016
BENMOUSSA Rachid	2016	Integration of the risk management approach in the ISO 9001 V 2015	Ahmed Bounit, El Hassan Irhirane, Nawal Bourquia, Rachid Benmoussa, Elkhourchi Baba	International Journal of Scientific Engineering and Technology	Vol. 5(6), pp: 358-36, 2016
ELBACHA Abdelhadi	2016	SIMSCAPE Electro- thermal modelling of the PIN diode for power circuit simulation	Naoual MIJLAD, Elmostafa Elwarraki and Abdelhadi Elbacha	IET Power Electronics	Vol. 9, Issus 7, pages 1521-1526
EL BAHIR Lhoussain	2016	Solar irradiation estimator based on a self-calibrated reference solar cell	Touria HASSBOUN∗, Lhoussain EL BAHIR, Youness AITE DRISS, Mustapha EL ADNANI	Turkish Journal of Electrical Engineering & Computer Sciences	Turk J Elec Eng & Comp Sci (2016) Vol.4: 4885 – 4899
TAJER Abdelouahed	2016	Large Scale Monocular FastSLAM2.0 Acceleration on an Embedded Heterogeneous Architecture	M. Abouzahir · A. Elouardi · S. Bouaziz · R. Latif et A. Tajer	EURASIP Journal on Advances in Signal Processing	==2016(1),Article N° 88==
IRHIRANE EL Hassan	2016	Design of a fuzzy model that integrates hygiene, safety, and environment systems for the assessment of the overall risk of machines	Ahmed Bounit, El Hassan Irhirane, Nawal Bourquia, Rachid Benmoussa	Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability,	Vol. 230, 4, 378-390
IRHIRANE EL Hassan	2016	Integration of the risk management approach in the ISO 9001 V 2015	Ahmed Bounit, El Hassan Irhirane, Nawal Bourquia, Rachid Benmoussa, Elkhourchi Baba	International Journal of Scientific Engineering and Technology	Vol. 5, 6, 358-361
NIBOU Lahbib	2016	Influence of sintering temperature on the microstructural and mechanical properties of cordierite synthesized from andalusite and talc	A. Benhammou, Y. El Hafiane, A. Abourriche, Y. Abouliatim, Lahbib. Nibou, A. Yaacoubi, N. Tessier-Doyen, A. Smith, B. Tanouti,	Material letters	Vol. 172, pages 198-201
NIBOU Lahbib	2016	EFFECTS OF PHENOL ADDITION ON OIL EXTRACTION FROM MOROCCAN OIL SHALE BY SUPERCRITICAL TOLUENE	A. Abourriche, M. Oumam, A. Benhammou, M. Mouiya, Y. El hafiane,Y. Abouliatim, Lahbib. Nibou, H. Hannache, M. Birot, R. Pailler, R. Naslain	Journal of Applied Solution Chemestry and Modeling	Vol. 5(3), pages 131-138
AAMOUCHE Ahmed	2016	Analysis of the major chiral compounds of Artemisia herba-alba essential oils (EOs) using reconstructed vibrational circular dichroism (VCD)	M. E. Said, P. Vanloot, I. Bombarda, J.-V. Naubron, E. Dahmane, A. Aamouche, M. Jean, N. Vanthuyne, N. Dupuy, C. Roussel	Analytica chimica acta	Vol. 903(15), 121–130

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AUHMANI Khalid	2015	Validation study of Dimensionality Reduction impact on breast cancer classification	NEZHA HAMDI, KHALID Auhmani, MOHA MRABET Hassani	International Journal of Computer Science & Information Technology (IJCSIT)	volume 7, Number 5, 75-84
AUHMANI Khalid	2015	Quantum Clustering-Based Feature subset Selection for breast cancer classification,	NEZHA HAMDI, KHALID Auhmani, MOHA MRABET Hassani	International Journal of Computer Science & Information Technology (IJCSIT)	Vol. 7, Number 2
AUHMANI Khalid	2015	A new approach Based on Quantum Clustering and Wavelet Transform for breast cancer Classification : Comparative study	NEZHA HAMDI, KHALID AUMANI, MOHA MRABET HASSANI	International Journal of Electrical and Computer Engineering (IJECE)	Vol 5, N°5, October, 2015
AUHMANI Khalid	2015	An Efficient Gentle AdaBoost-Based Approach for mammograms classification	NEZHA HAMDI, KHALID Auhmani, MOHA MRABET Hassani	Journal of Theoretical and Applied Information Technology,	Vol 81, November, 2015
BENMOUSSA Rachid	2015	Capability/maturity based model for logistics processes assessment: Application to distribution processes	Rachid Benmoussa, Charkaoui Abdelkabir, Achraf Abd, Marouane Hassou	International Journal of Productivity and Performance Management	Vol. 64 Iss: 1, pp.28 – 51
BENMOUSSA Rachid	2015	Collaborative Business Process Specification and a Mapping from BPMN Model to Service Model	S. Saib, R. Benmoussa, K. Bengoud	International Review On Computers and Software	Vol 10 No.3, 2015
BENMOUSSA Rachid	2015	Incentives for the Development of the Automotive Sector in Morocco and the Truth of Local Stakeholders	Fatine Elharouni, Rachid Benmoussa, Abdellah Ait Ouahman	International Journal of Science and Research	Vol. 4 Issue 5, 2015
DAKKAK Badr	2015	Design a plan of Best Practices for improving Safety Management System (SMS): Validation Study	Badr DAKKAK, Abdelhafid RACHIDI, Abdennebi TALBI and Abdellah KHATORY	International Journal of Innovation and Applied Studies	Vol. 11, issue 2
DAKKAK Badr	2015	The Moroccan Mining Industry: Towards a Global Sustainable Development Management System	Rachidi A., Saoud N., Dakkak B. and Charroud M	International Journal of Multidisciplinary Sciences and Engineering	Vol. 6, Issue 5
EL BAHIR Lhoussain	2015	An integrator based wind speed estimator for wind turbine control	Younes Ait Elmaati, Lhoussain El Bahir and Khalid Faitah	Wind and Structures	Vol. 21, No. 4 (2015) 443-460
TAJER Abdelouahed	2015	Implementation of FastSLAM2.0 on an Embedded System and HIL Validation using Different Sensors Data	A. Mohamed, A. Elouardi, S Bouaziz, R Latif, A. Tajer	nternational Journal of Adaptive, Resilient and Autonomic Systems (IJARAS)	Vol.6(2); 88-116, Pages: 29
Bouyahia Fatima	2015	On the hydrodynamic sealing in lubricated Viscoseals	Mourad Targaoui, Dominique Souchet, Fatima Bouyahia	Tribology Transaction	Vol. 58(3), 2015, 527-536
NIBOU Lahbib	2015	About the thermal transformations and sintering of a Ghassoul clay from Morocco	G.L. Lecomte-Nana, Y. El Hafiane, A. Badaz, Y. Abouliatim, N. Tessier-Doyen, A. Smith, Lahbib. Nibou, B. Tanouti	Journal of Thermal Analysis and Calorimetry	Vol. 122 (3), pages 1245-1255
NIBOU Lahbib	2015	EFFECTS OF OIL SHALE ADDITION ON THE MICROSTRUCTURE AND MECHANICAL PROPERTIES OF POROUS CERAMICS FROM MOROCCAN RAW CLAY	A. Abourriche, A. Benhammou, Y. El hafiane, Y. Abouliatim, Lahbib. Nibou, M. Oumam, H. Hannache, M. Birot , A. Smith	Journal of Applied Chemistry	Vol. 8 pages 13–21

- **Ouvrages**

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- **Communications**

  - **2020**

AAMOUCHE Ahmed	2020-12-1	The Improvement of mechanical and thermal behavior of local Compressed Earth Blocks	M. Lahdili, F. El-Abbassi, S. Sakami, A. Aamouche	6th International Congress of Thermal Sciences AMT'2020	Khouribga
boulghasoul zakaria	2020-03-04	Adaptive Extended Kalman Filter approach for Sensorless Induction Motor Drive	Et-taaj Lamyae, Boulghasoul Zakaria, El kharki Abdellah, Elbacha Abdelhadi, Zineb Kandoussi	International Conference on Electrical and Information Technologies (ICEIT)	Rabat
boulghasoul zakaria	2020-03-04	New Neural Network IP-self-tuning controller for Induction Motor Drive	El kharki Abdellah, Boulghasoul Zakaria, Et-taaj Lamyae, Elbacha Abdelhadi, Zineb Kandoussi	International Conference on Electrical and Information Technologies (ICEIT)	Rabat

  - **2019**

AAMOUCHE Ahmed	2019-04-19	DFT Modelling from Molecules to Materials	Aamouche A.	Congrès National en Physique Fondamentale et ses Applications 1CNPFA19	Beni Mellal.
DAKKAK Badr	11 et 12 décembre 2019	Transfert des technologies : Revue de la littérature	Fatima Zahra BENNANI, Brahim DINAR, Badr DAKKAK, El Hassan IRHIRANE	4ème édition de la conférence internationale sur le monitoring des systèmes industriels	ENSA Marrakech
DAKKAK Badr	11 et 12 décembre 2019	Contribution à l'évaluation de l'impact de la transition à la version 2015 des normes relatives aux systèmes de management QSE sur les entreprises marocaines	Sara OUCHAMA, Badr DAKKAK, El Hassan IRHIRANE, Hicham HIHI, L. EL BAHIR	4ème édition de la conférence internationale sur le monitoring des systèmes industriels	ENSA Marrakech
DAKKAK Badr	2019-04-22	'A SUMO based Simulation for Adaptive Control of Urban Signalized Intersection Using Petri Nets	Hajar Lamghari Elidrissi, Abdelouahed Tajer, Ahmed Nait-Sidi-Moh, Badr Dakkak	4th edition of World Conference on Complex Systems WCCS	Ouarzazat-Morocco
DAKKAK Badr	2019-06-25	Nouvelle approche d'estimation du TRS objectif	Badr Dakkak, Elhassan Irhirane, Ahmed Bounit, Hassan Samri, Fatima zahra bennani	13ème édition de la conférence internationale CIGI QUALITA	Montréal Canada
DAKKAK Badr	2019-06-25	Approche d'évaluation du risque global HSE : application a la maintenance des équipements	Elhassan Irhirane, Badr Dakkak, Ahmed Bounit, Hassan Samri	13ème édition de la conférence internationale CIGI QUALITA	Montréal Canada
DAKKAK Badr	22-25 avril 2019	'A SUMO based Simulation for Adaptive Control of Urban Signalized Intersection Using Petri Nets	Hajar Lamghari Elidrissi, Abdelouahed Tajer, Ahmed Nait-Sidi-Moh, Badr Dakkak	4th edition of World Conference on Complex Systems WCCS	Ouarzazat-Morocco
DAKKAK Badr	25-28 juin 2019	Nouvelle approche d'estimation du TRS objectif	Badr Dakkak, Elhassan Irhirane, Ahmed Bounit,	13ème édition de la conférence internationale CIGI QUALITA	Montréal Canada

			Hassan Samri, Fatima Zahra Bennani		
DAKKAK Badr	25-28 juin 2019	Approche d'évaluation du risque global HSE : application a la maintenance des équipements	Elhassan Irhirane, Badr Dakkak, Ahmed Bounit, Hassan Samri	13ème édition de la conférence internationale CIGI QUALITA	Montréal Canada
ELBACHA Abdelhadi	April 22-25, 2019	A behavior electro-thermal model of the IGBT using Matlab/Simulink	Naoual Mijlad, Elmostafa Elwarraki and Abdelhadi Elbacha	4th World Conference on Complex Systems (WCCS)	Ouarzazate-Morocco
ELBACHA Abdelhadi	April 22-25, 2019	Real Time Implementation of Backstepping Control for High Performances Induction Motor Drive	13) Abdellah Elkharki, Zakaria Boulghasoul, Lamyae Et-Taaj, Zineb Kandoussi and Abdelhadi Elbacha	4th World Conference on Complex Systems (WCCS)	Ouarzazate-Morocco
ELBACHA Abdelhadi	April 22-25, 2019	Extended Kalman Filter for High performances Sensorless Induction Motor drive	11) Et-Taaj Lamyae, Zakaria Boulghasoul, Abdellah Elkharki, Zineb Kandoussi and Abdelhadi Elbacha	4th World Conference on Complex Systems (WCCS)	Ouarzazate-Morocco
EL BAHIR Lhoussain	2019-04-22 to 25	A Comparative Study of Photovoltaic Array Configurations effect on the Output Power under Partial Shading Conditions	Youssef Mallal, Lhoussain El Bahir, Touria Hassboun	WCCS 2019 : 4th Edition of World conference on Complex Systems	Ouarzazate
EL BAHIR Lhoussain	2019-12-11 et 12	Using the Switched Bond Graphs approach to study the stability of a class of hybrid systems	H. Hihi, L. El Bahir, E. Irhirane and A. Rahmani	Conférence Internationale sur le Monitoring des Systèmes Industriels (CIMSI'19), 4ème édition	Marrakech
EL BAHIR Lhoussain	2019-12-11 et 12	Experimental results on P&O based photovoltaic emulator	Youssef Mallal , Lhoussain El Bahir , and Touria Hassboun	Conférence Internationale sur le Monitoring des Systèmes Industriels (CIMSI'19), 4ème édition	Marrakech
EL BAHIR Lhoussain	2019-12-11 et 12	Détermination optimale des résistances série et parallèle d'un panneau photovoltaique	T. Hassboun, L. El Bahir, E. Irhirane et H. Hihi	Conférence Internationale sur le Monitoring des Systèmes Industriels (CIMSI'19), 4ème édition	Marrakech
EL BAHIR Lhoussain	2019-12-11 et 12	Contribution à l'évaluation de l'impact de la transition à la version 2015 des normes relatives aux systèmes de management QSE sur les entreprises marocaines	Sara OUCHAMA, El Hassan IRHIRANE, Badr DAKKAK, H. HIHI et L. EL BAHIR	Conférence Internationale sur le Monitoring des Systèmes Industriels (CIMSI'19)	Marrakech
TAJER Abdelouahed	2019	Two Cases of Study for Control Reconfiguration of Discrete Event Systems (DES)	Imane Tahiri, Alexandre Philippot, Véronique Carré-Ménétrier, Abdelouahed Tajer	International Conference on Informatics in Control, Automation and Robotics (ICINCO)	Prague, Czech Republic
TAJER Abdelouahed	2019	Approche distribuée pour la reconfiguration de la commande des systèmes manufacturiers	Imane Tahiri, Alexandre Philippot, Véronique Carré-Ménétrier, Abdelouahed Tajer	Colloque sur la Modélisation des Systèmes Réactifs (MSR), 2019,	Angers, France.
TAJER Abdelouahed	2019	Features Extractors Evaluation Based V-SLAM Applications	Mounir Amraoui; Rachid Latif; Abdelhafid Elouardi; Abdelouahed Tajer	4th World Conference on Complex Systems (WCCS 2019)	Ouarzazate, Morocco
TAJER Abdelouahed	2019	A SUMO-based Simulation for Adaptive Control of Urban Signalized Intersection Using Petri Nets	Hajar Lamghari Elidrissi, Abdelouahed Tajer, Ahmed Nait-Sidi-Moh, Badr Dakkak	4th World Conference on Complex Systems (WCCS)	Ouarzazate, Morocco
TAJER Abdelouahed	2019	Time-Based Estimator for Control Reconfiguration of Discrete Event Systems (DES)	Imane Tahiri, Alexandre Philippot, Véronique Carré-Ménétrier, Abdelouahed Tajer	6th International Conference on Control, Decision and Information Technologies (CoDIT)	Paris, France
boulghasoul zakaria	2015-11-23	Fuzzy Sliding Mode observer based sensorless Indirect FOC for IM Drives	Zineb Kandoussi, Zakaria Boulghasoul, Abdelhadi Elbacha, Abdelouahed Tajer	The 3rd IEEE World Conference on Complex Systems WCCS'15	Marrakech
boulghasoul zakaria	2019-04-22	Real Time Implementation of Backstepping Control for High Performances Induction Motor Drive	El kharki Abdellah, Boulghasoul Zakaria, Et-taaj Lamyae, Elbacha Abdelhadi, Zineb Kandoussi	The 4th IEEE World Conference on Complex Systems WCCS'19	Ouarzazate
boulghasoul zakaria	2019-04-22	Extended Kalman Filter for High performances Sensorless Induction Motor drive	Et-taaj Lamyae, Boulghasoul Zakaria, El kharki Abdellah, Elbacha Abdelhadi, Zineb Kandoussi	The 4th IEEE World Conference on Complex Systems WCCS'19	Ouarzazate
boulghasoul zakaria	2019-12-11	Estimation de la vitesse de la machine asynchrone par le filtre de kalman étendu	Et-taaj Lamyae, Boulghasoul Zakaria, El kharki Abdellah, Elbacha Abdelhadi, Zineb Kandoussi	Conférence Internationale sur le Monitoring des Systèmes Industriels CIMSI'19	Marrakech

boulghasoul zakaria	2019-12-11	Implémentation sur DSP de la commande backstepping appliquée à la machine asynchrone triphasée	El kharki Abdellah, Boulghasoul Zakaria, Et-taaj Lamyae, Elbacha Abdelhadi, Zineb Kandoussi	Conférence Internationale sur le Monitoring des Systèmes Industriels CIMSI'19	Marrakech
HAMZAOUI Abdelkrim	2019-06-17	Identification of Electromagnetic waves produced by a magnetic pulse generator	K Sofi, M Hamzaoui, H Elidrissi, A NAIT SIDI MOH, A Hamzaoui	Colloque International Sur Les Objets et Systèmes Connectés Collection	EST de Casablanca
IRHIRANE EL Hassan	2016-10-19	Outil d'autodiagnostic du SMQ selon les exigences de la norme ISO 9001 V 2015	Badr Dakkak, El Hassan Irhirane, Fatima Bouyahia	3ème édition du Colloque International sur le Monitoring des Systèmes Industriels (CIMSI'2016)	ENSA, Marrakech, Maroc
IRHIRANE EL Hassan	2016-10-19	Nouvelle approche intégrant les systèmes hygiène, sécurité et environnement (HSE) pour la fonction maintenance	Ahmed Bounit, El Hassan Irhirane, Nawal Bourquia, Rachid Benmoussa	6ème édition du congrès international sur les Systèmes Industriels et Logistiques (SIL'16)	ENSA, Marrakech, Maroc
IRHIRANE EL Hassan	2019-06-12	City logistics problems' identification : A first step toward an analysis approach	Soukaina Aziz, Rachid Benmoussa, ELHassan Irhirane	11the International Conference on City Logistics 19	Dubrovink Croatia
IRHIRANE EL Hassan	2019-06-25	Approche d'évaluation du risque global HSE : Application à la maintenance des équipements	EL Hassan Irhirane, Badr Dakkak, Ahmed Bounit, Hassan Samri,	13ème Conférence internationale CIGI QUALITA 2019	Ecole de Technologie Supérieure (ETS), Montréal, Canada.
IRHIRANE EL Hassan	2019-06-25	Nouvelle approche d'estimation du TRS objectif	Badr Dakkak, EL Hassan Irhirane, Ahmed Bounit, Hassan Samri, Fatima Zahra Bennani	13ème Conférence internationale CIGI QUALITA 2019	Ecole de Technologie Supérieure (ETS), Montréal, Canada
IRHIRANE EL Hassan	2019-12-11	Contribution à l'évaluation de l'impact de la transition à la version 2015 des normes relatives aux systèmes de management QSE sur les entreprises marocaines	Sara Ouchama, EL Hassan Irhirane, Badr Dakkak	4ème Conférence Internationale sur le monitoring des Systèmes industriels CIMSI19	Ecole Nationale des sciences Appliquées (ENSA) de Marrakech, Maroc
IRHIRANE EL Hassan	2019-12-11	Evaluation model of the production system effectiveness	Ahmed Bounit, EL Hassan Irhirane, Badr Dakkak, A. Rajji, A. Abdellah	4ème Conférence Internationale sur le monitoring des Systèmes industriels CIMSI19	Ecole Nationale des sciences Appliquées (ENSA) de Marrakech, Maroc
IRHIRANE EL Hassan	2019-12-11	Approche hybride pour l'évaluation multicritère d'une gamme d'usinage d'un produit durant la phase conception	Fatima Guini, Abdellah EL Barkany, A. Jabri, EL Hassan Irhirane	4ème Conférence Internationale sur le monitoring des Systèmes industriels CIMSI19	Ecole Nationale des sciences Appliquées (ENSA) de Marrakech, Maroc
IRHIRANE EL Hassan	2019-12-11	Utilisation de l'analyse fonctionnelle pour l'identification des compétences optimales d'une activité de la maintenance d'un onduleur	EL Hassan Irhirane , Badr Dakkak, Lhoussine El Bahir, Hicham Hihi	4ème Conférence Internationale sur le monitoring des Systèmes industriels CIMSI19	Ecole Nationale des sciences Appliquées (ENSA) de Marrakech, Maroc
Bouyahia Fatima	2019-11-18	AN OPTIMIZATION MODEL FOR TRUCK ARRIVAL MANAGEMENT - FOCUS ON A TERMINAL APPOINTMENT SYSTEM	Sara Balaqziz, Fatima Bouyahia, Saad Lissane Elhaq, Jaouad Boukachour	World of Shipping Portugal An International Research Conference on Maritime Affairs IEEE	Portugal

2018

AAMOUCHE Ahmed		2018-10-06	Using Chromatography Liquid for Biomedical Analysis	H. Choubbane, A. Aamouche	The First International Conference on Biomedical Engineering (ICBE2018)	Marrakech

AUHMANI Khalid		2018-05-02	kernel functions analysis for support vector machines to identify Argan forest using Landsat 8 image	O. El Kharki , J. Mechbouh , D. Ducrot , K. Auhmani , A. Essahlaoui and J. M. Ngono	International Conference on Signal, Automation and Telecommunications (ICSAT'18)	BENI MELLAL
AUHMANI Khalid		2018-05-02	Méthodes Non Paramétriques de Classification d'Images Satellites : Etude Comparative et Implémentation de Trois Algorithmes (SVM, ANN et Arbre de Décision)	3. O. El Kharki , R. Moskolai, J. Mechbouh, K. Auhmani, D. Ducrot and J. M. Ngono	International Conference on Signal, Automation and Telecommunications (ICSAT'18)	BENI MELLAL
AUHMANI Khalid		2018-07-12	A new method based-Gentle Adaboost and wavelet transform for breast cancer classification;	1. Khalid Auhmani, Nezha Hamdi, Moha Mrabet Hassani and Omar Elkharki	The International Conference on Advanced Intelligent Systems for Sustainable Development applied to Agriculture, Energy, Health and Environment (AI2SD'2018)	TANGER
BELKOUCH Said		2018-03-21	Efficient parallelization of GMM background subtraction algorithm on a multi-core platform for moving objects detection	Lhoussein Mabrouk ; Sylvain Huet ; Dominique Houzet ; Said Belkouch ; Abdelkrim Hamzaoui ; Yahya Zennayi	2018 IEEE 4th International Conference on Advanced Technologies for Signal and Image Processing (ATSIP)	Sousse, Tunisia
BELKOUCH Said		2018-04-05	Performance and Scalability Improvement of GMM Background Segmentation Algorithm on Multi-core Parallel Platforms	Lhoussein MabroukEmail, Sylvain Huet, Said Belkouch, Dominique Houzet, Yahya Zennayi, Abdelkrim Hamzaoui	International Conference on Electronic Engineering and Renewable Energy (ICEERE 2018)	Saidia, Morocco
BELKOUCH Said		2018-10-21	Single core SIMD parallelization of GMM background subtraction algorithm for vehicles detection	Lhoussein Mabrouk ; Dominique Houzet ; Sylvain Huet ; Said Belkouch ; Abdelkrim Hamzaoui ; Yahya Zennayi	2018 IEEE 5th International Congress on Information Science and Technology (CiSt)	Marrakech , Morocco
BENMOUSSA Rachid		2018-08-27	Simulating Lean and Green Correlation in Supply Chain Context	Rachid Benmoussa, Fatima Ezzahra Essaber, Roland De Guio, Fatima Zahra Ben Moussa	International Conference of Industrial Management Engineering and Organisation	New York – USA
BENMOUSSA Rachid		2018-10-29	Combining the theory of inventive problem solving with discrete event simulation for solving supply chain problems	Fatima Zahra Ben Moussa, Sebastien Dubois, Roland De Guio, Ivana Rasovska and Benmoussa Rachid	Triz Futur Conférence 2018, TFC'18	INSA Strasbourg , France
DAKKAK Badr		2018-03-19	An Adaptive Control Strategy of Urban Signalized Intersection Using Petri Nets	Hajar Lamghari El Idrissi, Abdelouahed Tajer Ahmed Nait-Sidi-Moh and Badr Dakkak	2nd IEEE International Conference on Control, Automation and Diagnosis	Marrakesh , Morocco
HAMZAOUI Abdelkrim		2018-04-02	Electromagnetic pulse generator: analytical and numerical study of Lorentz force in tube crimping operation	K Sofi, M Hamzaoui, H Elidrissi, A NAIT SIDI MOH, A Hamzaoui	2nd IEEE Conference on Advances in Magnetics	Thuile, ITALIE
HAMZAOUI Abdelkrim		2018-05-13	Analysis of electromagnetic field generated by a magnetic pulse joining machine	K Sofi, M Hamzaoui, H Elidrissi, A NAIT SIDI MOH, A Hamzaoui	8th International Conference on High Speed Forming, ICHSF2018	Columbus, USA
HAMZAOUI Abdelkrim		2018-05-28	On Magnetic pulse joining of dissimilar materials	K Sofi, H El Idrissi, M Hamzaoui, A Nait Sidi Moh and A Hamzaoui	1st Meeting on green and Alternative Energies (IMAGE-2018) conference	Mohamm edia
TAJER Abdelouahed		2014-04-10	Synthesis and implementation of distributed control for a flexible manufacturing system	Y. Qamsane, A. Tajer, A. Philippot	IEEE Second World Conference on Complex Systems (WCCS) 2014	Agadir
TAJER Abdelouahed		2018-03-19	An Adaptive Control Strategy of Urban Signalized Intersection Using Petri Nets	Hajar Lamghari El Idrissi, Abdelouahed Tajer Ahmed Nait-Sidi-Moh and Badr Dakkak	2nd IEEE International Conference on Control, Automation and Diagnosis (ICCAD 2018)	Marrakech

TAJER Abdelouahed		2018-03-19	Timed synthesis control approach for tolerant-fault control of Discrete Event Systems (DES)	Imane Tahiri, Alexandre Philippot, Veronique Carre-Menetrier and A. Tajer	2nd IEEE International Conference on Control, Automation and Diagnosis (ICCAD 2018)	Marrakech
IRHIRANE EL Hassan		2018-10-21	City Logistics Problems' Identification: A First Step Toward an Analysis Approach	Soukaina Aziz, Rachid Benmoussa, El Hassan Irhirane	IEEE 5th International Congress on Information Science and Technology	Marrakech, Maroc
Bouyahia Fatima		2018-04-09	Over mechanical seals - numerical study of HD &thermal effects in viscoseal	Haidar Aldoujaili, Mourad Targaoui, Fatima Bouyahia, Dominique Souchet	German-French-Moroccan Summer School 2018 - Tribology Today : From Research Labs to Industry	Marrakech
Bouyahia Fatima		2018-11-21	Modeling vehicle queues at a marine container terminal using non-stationary queuing approach	Sara Belaqziz, Fatima Bouyahia, Saad Lissane ElHaq, Jaoud Boukachour	IEEE ICTMOD International Technology Management, Operations and Decisions	Marrakech

• 2017

AUHMANI Khalid	2017-12-11	Cancer classification using gene expression profiling: application of the filter approach with the clustering algorithm,	5. Sara Haddou Bouazza, Khalid Auhmani, Abdelouhab Zeroual, Nezha Hamdi	the 9th International Conference on Soft Computing and Pattern Recognition (SoCPaR 2017)	MARRAKECH
AUHMANI Khalid	2017-12-18	Selecting significant marker genes from microarray data cancer diagnosis	4. Sara Haddou Bouazza, Khalid Auhmani, Abdelouhab Zeroual and Nezha Hamdi	The First International Conference On Intelligent Computing in Data Sciences ICDS2017	MEKNES
BELKOUCH Said	2017-03-29	Novel parallel Givens QR decomposition implementation on VLIW architecture with Efficient memory access for real time image processing applications	Mohamed Najoui, Anas Hatim , Said Belkouch	BDCA'17: Proceedings of the 2nd international Conference on Big Data, Cloud and Applications	Tetouan, Morocco
BENMOUSSA Rachid	2017-04-24	Risk Management Approach for Lean, Agile, Resilient and Green Supply Chain	Rasovska Ivana, Rachid Benmoussa, Deguio Roland, Dubois Sebastien,	International Conference on Procurement, Logistics and Supply Chain Management	Boston – USA
BENMOUSSA Rachid	2017-08-21	From simulation to inventive problem resolution, a global method	Rasovska Ivana, Rachid Benmoussa, Deguio Roland, Dubois Sebastien,Sebastien Dubois, Roland De Guio, Ivana Rasovska, Fatima Zahra Ben Moussa, Rachid Benmoussa,	21st International Conference on Engineering Design (ICED 17)	Vancouver, Canada,
BENMOUSSA Rachid	2017-10-21	Nouvelle approche intégrant les systèmes hygiène, sécurité et environnement (HSE) pour la fonction maintenance	12.Bounit Ahmed, Elhassan Irhirane, Benmoussa Rachid, Nawal Bourquia,	Système Industriels et Logistiques 2016, SIL'16	ENSA Marrakech
BENMOUSSA Rachid	2017-10-24	Supply chain improvement in LARG (Lean, Agile, Resilient, Green) context: A Risk Management Approach,	Rachid Benmoussa	6th IEEE International Conference on Advanced Logistics	Bali, Indonesia
DAKKAK Badr	2017-04-27	optimisation de la préparation a l'expédition dans une usine de confection	Tayssir JALI, Badr DAKKAK, IGHIRANE EL Hassan, TAJER Abdelouahed	10th International Colloquium of Logistics and Supply Chain Management LOGISTIQUA	Rabat Maroc
DAKKAK Badr	2017-04-27	Approche LEAN-SIX SIGMA appliquée à un processus de câblage aéronautique	Hajar SAIDI HASSANI ALAOUI, Badr DAKKAK, IGHIRANE EL Hassan, TAJER Abdelouahed	10th International Colloquium of Logistics and Supply Chain Management LOGISTIQUA	Rabat Maroc
DAKKAK Badr	2017-12-05	Impact des coefficients d'interaction du critère de TSAI-WU sur la rupture successive des composites fibreux	Badr DAKKAK, El Hassan ERHIRANE	Congrès International de Modélisation et Optimisation des Systèmes Mécaniques	Fès maroc
HAMZAOUI Abdelkrim	2017-07-05	Soudage des pièces métalliques par impulsions magnétiques	K Sofi, M Hamzaoui, H Elidrissi, A NAIT SIDI MOH, A Hamzaoui	2ème éditions de la journée doctorale FSTM	FST, Mohammedia

Membre	Date	Titre complet	Auteurs	Nom complet Manifestation	Lieu d'organisation
HAMZAOUI Abdelkrim	2017-07-10	Experimental study on magnetic pulse welding generator	K Sofi, M Hamzaoui, H Elidrissi, A NAIT SIDI MOH, A Hamzaoui	International conference on advances in energy technologies, environemental (AETEEMS'17)	Mohammedia
TAJER Abdelouahed	2017-03-28	A Model-Based Transformation Method to Design PLC-Based Control of Discrete Automated Manufacturing Systems,	Y. Qamsane, M. El Hamlaoui, A. Tajer, A. Philippot	4th International Conference on Automation, Control Engineering and Computer Science (ACECS - 2017)	Tanger
TAJER Abdelouahed	2017-04-27	Optimisation de la préparation à l'expédition dans une usine de confection	Tayssir Jali, Badr Dakkak, Ighirane El Hassan, Tajer Abdelouahed	10th International Colloquium of Logistics and Supply Chain Management LOGISTIQUA 2017	Rabat
TAJER Abdelouahed	2017-04-27	Approche LEAN-SIX SIGMA appliquée à un processus de câblage aéronautique	Hajar Saidi Hassani Alaoui, Badr Dakkak, Ighirane El Hassan, Tajer Abdelouahed	10th International Colloquium of Logistics and Supply Chain Management LOGISTIQUA 2017	Rabat
TAJER Abdelouahed	2017-07-09	A Tool Support to Distributed Control Synthesis and Grafcet implementation for Discrete Event Manufacturing Systems	Yassine Qamsane, Mahmoud El Hamlaoui, Abdelouahed Tajer, Alexandre Philippot	20th IFAC World Congress	Toulouze, France
IRHIRANE EL Hassan	2017-04-27	Optimisation de la préparation a l'expédition dans une usine de confection	Tayssir Jali, Badr Dakkak, Irhirane El Hassan, Tajer Abdelouahed	10th International Colloquium of Logistics and Supply Chain Management LOGISTIQUA	ENSIAS, Rabat, Maroc
IRHIRANE EL Hassan	2017-04-27	Approche LEAN-SIX SIGMA appliquée à un processus de câblage aéronautique	Hajar Saidi Hassani Alaoui, Badr Dakkak, Irhirane El Hassan, Tajer Abdelouahed	10th International Colloquium of Logistics and Supply Chain Management LOGISTIQUA	ENSIAS, Rabat, Maroc
IRHIRANE EL Hassan	2017-12-05	Impact des coefficients d'interaction du critère de TSAI-WU sur la rupture successive des composites fibreux	Badr dakkak, El Hassan irhirane	Congrès International de Modélisation et Optimisation des Systèmes Mécaniques (CIMOSM'2017)	FST, Fes, Maroc
NIBOU Lahbib	2017-04-09	Influence of heating rate on the microstructure and mechanical properties of porous fluorapatite ceramic developed from clay and natural phosphate	M. Mouiya, A. Abourriche, A. Benhammou, Y. El Hafiane, Y. Abouliatim, Lahbib. Nibou, M. Oumam, H. Hannache, A. Smith	Materiais 2017	Aveiro (Portugal)
NIBOU Lahbib	2017-04-20	Confinement de la boue de lavage de phosphates dans l'argile de safi sous forme de céramiques de grande diffusions	M. A. Harech, A. Akkach, M. Mesnaoui, Y. Abouliatim, Y. El Hafiane, A. Smith, Lahbib. Nibou	4ème Colloque International de la Céramique (CI-CERAM4)	Safi Morocco
NIBOU Lahbib	2017-04-20	Influence of oil shale addition rate on the microstructure and mechanical properties of porousceramic developed from clay	M. Mouiya, A. Abourriche, A. Benhammou, Y. El Hafiane, Y. Abouliatim, Lahbib. Nibou, M. Oumam, H. Hannache, A. Smith	4ème Colloque International de la Céramique (CI-CERAM4)	Safi Morocco
NIBOU Lahbib	2017-04-20	Etude de l'effet de l'ajout de la silice sur le traitement thermique de la boue de lavage des phosphates	A. Akkach, M.A. Harech, Y. Abouliatim, Y. El Hafiane, A.Smith, M. Mesnaoui, A.Benhammou, A. Abourrich, Lahbib. Nibou	4ème Colloque International de la Céramique (CI-CERAM4)	Safi Morocco
NIBOU Lahbib	2017-04-20	Characterization and phase evolution of cordierite based ceramic synthetized from raw materials	A. Benhammou, Y. El Hafiane, A. Abourriche, Y. Abouliatim, L. Nibou, M. Khayar, A. Yaacoubi, N.Tessier-Doyen, A. Smith, B. Tanouti	4ème Colloque International de la Céramique (CI-CERAM4)	Safi Morocco

- **2016**

Communications scientifiques (orales)

Membre	Date	Titre complet	Auteurs	Nom complet Manifestation	Lieu d'organisation

AUHMANI Khalid	2016-06-01	Comparative study of feature subset selection methods combined with different classifiers for microrray gene expression data analysis	S. Haddou Bouazza, K. Auhmani, A. Zeroual	Application to Leukemia classification, the first international conference of high innovation in computer science	KENITRA
AUHMANI Khalid	2016-09-29	Gene expression data analyses for supervised prostate cancer Classification based on feature subset selection combined with different classifiers	S. Haddou Bouazza, K. Auhmani, A. Zeroual	5th International Conference on Multimedia Computing and Systems (ICMCS),	MARRAKECH
BELKOUCH Said	2016-03-30	Case studies of data traffic management on a high-performance computing system based on multi-DSPs and Serial RapidIO interconnect	Abdessamad Klilou ; Said Belkouch ; Asma Elmaizi ; Philippe Elleaume ; Phlippe Le Gall ; François Bourzeix, Moha M'Rabet Hassani	2016 IEEE International Conference on Information Technology for Organizations Development (IT4OD)	Fez, Morocco
BENMOUSSA Rachid	2016-10-20	An algorithm for inventive problem solving coupled with optimization for solving inventive problems encountered in supply chains,	Fatima Zahra BEN MOUSSA, Rachid BENMOUSSA, Roland DE GUIO, Sébastien DUBOIS, Ivana RASOVSKA	Système Industriels et Logistiques 2016, SIL'16	ENSA Marrakech
BENMOUSSA Rachid	2016-10-21	Application des concepts du Lean Manufacturing au système éducatif: Lean Education,	Ali ALLAOUI, Rachid BENMOUSSA,	Système Industriels et Logistiques 2016, SIL'16	ENSA Marrakech
DAKKAK Badr	2016-10-19	Outil d'autodiagnostic du Système de Management de la Qualité selon les exigences de la norme ISO 9001 version 2015	Badr DAKKAK, El Hassan IRHIRANE, Fatima BOUYAHIA	3ème édition du colloque international sur le Monitoring des Systèmes Industriels	Fès maroc
ELBACHA Abdelhadi	2016-10-26	A behavioral model of power MOSFET device compatible with SIMULINK	Naoual Mijlad, Elmostafa Elwarraki and Abdelhadi Elbacha	International Conference On Electrical Sciences and Technologies CISTEM'16,	Marrakech, Morrocco
ELBACHA Abdelhadi	2016-11-21	Synthesis and Implementation of Timed Distributed Supervisory Controller: Application to an Automated Manufacturing System	Yassine Qamsane, Abdelouahed Tajer, Alexandre Philippot and Abdelhadi Elbacha	Third International Afro-European Conference for Industrial Advancement — AECIA 2016	Marrakech, Morrocco
TAJER Abdelouahed	2016-06-28	Distributed Supervisory Control Synthesis For Discrete Manufacturing Systems	Qamsane, Yassine, Abdelouahed Tajer, and Alexandre Philippot.	8th IFAC Conference on Manufacturing Modelling, Management and Control MIM 2016 Troyes, France, 28—30 June 2016	TROYES FRANCE
TAJER Abdelouahed	2016-08-22	Contribution à la commande des Systèmes à Evénements Discrets Temporisés (SEDTS)	Imane TAHIRI, Tajer Abdelouahed, Qamsane, Yassine, Philippot, Alexandre	11e Conférence Francophone d'Optimisation et Simulation MOSIM'16	Montréal, Québec, Canada
TAJER Abdelouahed	2016-09-29	Localization and Mapping Algorithms Implemented on a Low-Power Embedded Architectures : A case Study	Mohamed Abouzahir; Rachid Latif; Abdelouahed Tajer ; Abdelhafid Elouardi; Samir Bouaziz	5th International Conference on Multimedia Computing and Systems (ICMCS 2016)	Marrakech
TAJER Abdelouahed	2016-11-21	Synthesis and Implementation of Timed Distributed Supervisory Controller: Application to an Automated Manufacturing System	Yassine Qamsane, Abdelouahed Tajer, Alexandre Philippot and Abdelhadi Elbacha	the Third International Afro-European Conference for Industrial Advancement AECIA	Marrakech
Bouyahia Fatima	2016-10-18	Gestion des flux de conteneurs dans le terminal EST du Port de Casablanca Etude et Modélisation	Sara Belaqziz, Saad Lissane Elhaq, Fatima Bouyahia, Jaouad Boukachour	Conférence Internationale sur le Monitoring des Systèmes Industriels CIMSI	Fes - Maroc
Bouyahia Fatima	2016-10-18	Coordination Scheduling And Negotiation Architecture For French Home Care Structures	Fatima Ezzahra Hamdani, Malek Masmoudi, Fatima Bouyahia, Abdellah Ait Ouahman	Conférence Internationale sur le Monitoring des Systèmes Industriels CIMSI	Fes - Maroc
NIBOU Lahbib	2016-04-27	Application du modèle de Kublka-Munk à l'étude de l'opacification des émaux brocalciques	Y. Abouliatim,Y. El Hafiane, A. Smith, M. Mesnaoui,T. Chartier, A. Benhamou, A. Abourich, Lahbib. Nibou	10ème Congrès Francophone de Génie des Procédés CFGP 2016	Safi Maroc
NIBOU Lahbib	2016-04-27	Effet de la température sur le frittage de la boue de lavage de phosphate	A. Akkach, Y. Abouliatim, Y. El Hafiane, A. Smith,M. Mesnaoui, A. Benhamou, A. Abourich, Lahbib. Nibou	10ème Congrès Francophone de Génie des Procédés CFGP 2016	Safi Maroc

NIBOU Lahbib	2016-04-27	Elaboration d'une céramique de terre cuite à partir de la boue de lavage de phosphate	M. A. Harech, M. Mesnaoui, , Y. Abouliatim, Y. El Hafiane, L. Nibou	10ème Congrès Francophone de Génie des Procédés CFGP 2016	Safi Maroc
NIBOU Lahbib	2016-04-27	Synthesis and characterization of ceramic based cordierite from Ghassoul, Kaolinite and alumina	A. Benhammou, Y. El Hafiane, A. Abourriche, Y. Abouliatim,Lahbib. Nibou, A. Yaacoubi, N. Tessier-Doyen, A. Smith, B. Tanouti	10ème Congrès Francophone de Génie des Procédés CFGP 2016	Safi Maroc
NIBOU Lahbib	2016-04-27	Influence of sintering temperature on the mechanical properties of cordierite synthesized from andalusite and talc	A. Benhammou, Y. El Hafiane, A. Abourriche, Y. Abouliatim,Lahbib. Nibou, A. Yaacoubi, N. Tessier-Doyen, A. Smith, B. Tanouti	10ème Congrès Francophone de Génie des Procédés CFGP 2016	Safi Maroc
NIBOU Lahbib	2016-04-27	Développement d'un liant minéral phospho-alumini-calcique à base de la boue de lavage dephosphate	Y. El Hafiane, Y. El Khessaimi, A. Smith, Y. Abouliatim,A. Benhamou, A. Abourich, Lahbib. Nibou, M. Mesnaoui	10ème Congrès Francophone de Génie des Procédés CFGP 2016	Safi Maroc
NIBOU Lahbib	2016-09-25	Preparation and Characterization of Porous Ceramics from Natural Resources Moroccan	M. Mouiya, A. Abourriche, M. Oumam, A. Benhammou, Y. El Hafiane,Y. Abouliatim, Lahbib. Nibou, H. Hannache, R. Pailler, R. Naslain, M. Birot	4th International Symposium on New Frontier of Advanced Si-Based Ceramics and Composites 2016	Busan, South Korea
NIBOU Lahbib	2016-10-14	Caractérisation et étude du comportement au frittage de la boue de lavage des phosphates	A. Akkach, Y. Abouliatim, Y. El Hafiane, A. Smith,M. Mesnaoui, A. Benhamou, A. Abourich, Lahbib. Nibou	5ème colloque International Environnement et développement durable I2C2D	Rabat Morocco
NIBOU Lahbib	2016-12-01	The microstructure and mechanical Properties of porous ceramic based on natural resources	M. Mouiya, A. Abourriche, A. Benhammou, Y. El Hafiane,Y. Abouliatim, Lahbib. Nibou, M. Oumam, H. Hannache, M. Birot, A. Smith	1st International Conference on Materials and Environmental Science	Oujda Morocco

- **2015**

Communications scientifiques (orales)

Membre	Date	Titre complet	Auteurs	Nom complet Manifestation	Lieu d'organisation
AUHMANI Khalid	2015-03-25	Gene-expression-based cancer classification through feature selection with KNN and SVM classifiers	S. Haddou Bouazza, K. Auhmani, A. Zeroual	Intelligent Systems and Computer Vision	FEZ
AUHMANI Khalid	2015-04-23	Improving Classification accuracy throught Clustering-Based feature selection	N. HAMDI, K. Auhmani, M. M Hassani	The 2sd International Conference on Business Intelligence	BENI MELLAL
BELKOUCH Said	2015-05-07	Efficient Implementation of Givens QR Decomposition on VLIW DSP Architecture for Orthogonal Matching Pursuit Image Reconstruction	Mohamed Najoui, Anas Hatim, Mounir Bahtat, Said Belkouch	Proceedings of the Mediterranean Conference on Information & Communication Technologies 2015	Saidia, Morocco
BELKOUCH Said	2015-11-17	Area and delay aware approaches for realizing multi-operand addition on FPGAs using two-operand adders	Noureddine Chabini, Said Belkouch	2015 IEEE/ACS 12th International Conference of Computer Systems and Applications (AICCSA)	Marrakech, Morocco
BELKOUCH Said	2015-12-14	Real-time parallel implementation of road traffic radar video processing algorithms on a parallel architecture based on DSP and ARM processors	Abdessamad Klilou ; François Bourzeix ; Omar Bourja ; Yahya Zennayi ; Lhoussein Mabrouk ; Said Belkouch	2015 15th IEEE International Conference on Intelligent Systems Design and Applications (ISDA)	Marrakech, Morocco
BENMOUSSA Rachid	2015-05-18	An approach for the identification of misalignement in ERP implementation	Rachid BENMOUSSA, Kenza BENGOUD	11th annual international conference on information technology & computer science	Athens, Greece
DAKKAK Badr	2015-05-22	Identification et analyse des risques de SST d'une entreprise marocaine	Badr DAKKAK, Abdennebi TALBI	2ème édition du Congrès International en Génie Industriel et Management des Systèmes	Fès maroc
DAKKAK Badr	2015-12-02	Les compétences humaines : Facteurs clés pour la réussite du Système de Management Intégré QSE	Badr DAKKAK, Abdelhafid RACHIDI, Abdennebi TALBI	10ème conférence internationale : Conception et Production Intégrées	Tanger Maroc
ELBACHA Abdelhadi	2015-03-25	Implementation of a behavioral IGBT model in SIMULINK	Naoual Mijlad, Elmostafa Elwarraki and Abdelhadi Elbacha	International Conference on Electrical and information Technologies, ICEIT2015'	Marrakech, Morroco

ELBACHA Abdelhadi	2015-11-23	Fuzzy Sliding Mode observer based sensorless Indirect FOC for IM Drives	Z. Kandoussi, Z. Boulghasoul, A. Elbacha and A. Tajer	The 3rd IEEE World Conference on Complex Systems WCCS15	Marrakech, Morrocco
EL BAHIR Lhoussain	2015-03-25	Estimator of local solar irradiation, based on a PV model	Lhoussain EL BAHIR, Touria HASSBOUN, Youness AITE DRISS, Mustapha EL ADNANI	International Conference on Electrical and Information Technologies	Marrakech
EL BAHIR Lhoussain	2015-03-25	Residual generation for the gearbox efficiency drop fault detection in the NREL 1.5WindPact turbine	Younes Ait Elmaati, Lhoussain El Bahir and Khalid Faitah	International Conference on Electrical and Information Technologies	Marrakech
EL BAHIR Lhoussain	2015-12-10	Fault detection and isolation in wind turbines - Three sensor faults case	Younes Ait Elmaati, Lhoussain El Bahir and Khalid Faitah	3rd International Renewable and Sustainable Energy Conference	Marrakech
TAJER Abdelouahed	2015-11-23	Fuzzy Sliding Mode observer based sensorless Indirect FOC for IM Drives	Z. Kandoussi, Z. Boulghasoul, A. Elbacha and A. Tajer	The 3rd IEEE World Conference on Complex Systems WCCS15	Marrakech
NIBOU Lahbib	2015-03-22	Microstructure and properties of ceramic materials	Y. El Hafiane, A. Smith, A. Benhammou, Y. Abouliatim, Lahbib. Nibou, M. Messnaoui, B. Tanouti	MATERIAUX 2015	Mahdia (Tunisie)
NIBOU Lahbib	2015-05-22	Study of opacification of borosilicate glass by calcium phosphates	Y. Abouliatim, A. Smith, Y. El Hafiane, T. Chartier, Lahbib. Nibou, M. Messnaoui, B. Tanouti	MATERIAUX 2015	Mahdia (Tunisie)
NIBOU Lahbib	2015-11-09	Structural and microstructural study of the opacification of borosilicate glaze by sodium phosphate	Y. Abouliatim, Y. El Hafiane, A. Smith, T. Chartier, A. Benhamou, A. Abourich, M. Mesnaoui, L. Nibou	2eme Colloque International sur les Matériaux et le Développement Durable	Boumerdes (Algérie)
TAJER Abdelouahed	2015-11-23	Fuzzy Sliding Mode observer based sensorless Indirect FOC for IM Drives	Z. Kandoussi, Z. Boulghasoul, A. Elbacha and A. Tajer	The 3rd IEEE World Conference on Complex Systems WCCS15	Marrakech

• **2014**

HAMZAOUI Abdelkrim	2014-05-22	Transmission d'énergie et d'informations par un transformateur à air	A Hamzaoui , H Elidrissi, M Hamzaoui, S Negre	Congrès Méditerranéen des Télécommunications CMT'14	FST, Mohammedia
TAJER Abdelouahed	2014-04-10	An improved Rao-Blackwellized particle filter based-SLAM running on an OMAP embedded architecture	Mohamed Abouzahir; Abdelhafid Elouardi; Samir Bouaziz; Rachid Latif; Abdelouahed Tajer	IEEE Second World Conference on Complex Systems (WCCS) 2014	Agadir
TAJER Abdelouahed	2014-06-25	MRAS based mechanism for sensorless Direct FOC with stator resistance adaptation	Z. Kandoussi, Z. Boulghasoul, A. Elbacha and A. Tajer	The Annual Seminar on Automation, Industrial Electronics and Instrumentation, SAAEI'14	Tanger
TAJER Abdelouahed	2014-07-05	Synthèse de contrôle distribue pour un système manufacturier	Yassine Qamsane, Abdelouahed Tajer, Alexandre Philippot	MOSIM 2014, 10ème Conférence Francophone de Modélisation, Optimisation et Simulation	Nancy, France
TAJER Abdelouahed	2014-11-10	Luenberger observer based sensorless Indirect FOC with stator resistance adaptation	Z. Kandoussi, Z. Boulghasoul, A. Elbacha and A. Tajer	The 2nd IEEE World Conference on Complex Systems, WCCS 2014	Agadir
TAJER Abdelouahed	2014-12-10	FastSLAM 2.0 running on a low-cost embedded architecture	Mohamed Abouzahir; Abdelhafid Elouardi; Samir	IEEE13th International Conference on Control Automation Robotics & Vision (ICARCV), 2014	Marina Bay Sands, Singapore

			Bouaziz; Rachid Latif; Abdelouahed Tajer		
TAJER Abdelouahed	2014-12-25	Observateur par mode glissant pour la commande sans capteur de la machine asynchrone	Z. Kandoussi, Z. Boulghasoul, A. Elbacha and A. Tajer	Colloque International Sur Le Monitoring Des Systèmes Industriels CIMSI'2014	Marrakech
TAJER Abdelouahed	2014-04-10	An improved Rao-Blackwellized particle filter based-SLAM running on an OMAP embedded architecture	Mohamed Abouzahir; Abdelhafid Elouardi; Samir Bouaziz; Rachid Latif; Abdelouahed Tajer	IEEE Second World Conference on Complex Systems (WCCS) 2014	Agadir