

Publications internationales des équipes 2015

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| 01 | Semchedine F., Bouallouche – Medjkoune L. and Aïssani D., <i>Improving Performance for Task Assignment in Distributed Server Systems by Partitioning Large Tasks</i> ". IJCM (International Journal of Computer Mathematics), Taylors and Francis Ed., Vol. 92, Issue 2, 2015, pp. 250-265. http://dx.doi.org/10.1080/00207160.2014.901660 . 2014.901660#. U3SHEXA-WO8 |
| 02 | Yazid M., Aïssani D., Bouallouche – Medjkoune L., Amrouche N. and Bakli K., <i>Modeling and Enhancement of the IEEE 802.11 RTS/CTS Scheme in an Error-Prone Channel</i> . FAOC (Formal Aspects of Computing), Springer Ed., 2014. DOI: 10.1007/s00165-014-0300-4 http://link.springer.com/article/10.1007/s00165-014-0300-4 |
| 03 | Semchedine Fouzi and Bouallouche-Medjkoune Louiza, Tamert Moussa, Mahfoud Farouk and Aïssani Djamil. <i>Load balancing mechanism for data-centric routing in wireless sensor networks</i> , CEE (Computer and Electrical Engineering), Elsevier Ed. 04/2014; DOI: 10.1016/j.compeleceng.2014.03.005 http://www.sciencedirect.com/science/article/pii/S0045790614000597 |
| 04 | Yousfi S., Aïssani D., Boumaza R. and Adjabi S., <i>Optimal Bandwidth Matrices in Functional Principal Component Analysis of Density Functions</i> , Journal of Statistical Computation and Simulation, Francis and Taylor Ed., 85:11, 2315-2330, 2015 http://www.tandfonline.com/doi/full/10.1080/00949655.2014.928293#abstract |
| 05 | Yazid M., Sahki N., Bouallouche-Medjkoune L. and Aïssani D., <i>Modeling and Performance Study of the Packet Fragmentation in an IEEE 802.11e-EDCA Network over Fading Channel</i> . Multimedia Tools and Applications, 2014. http://link.springer.com/article/10.1007%2Fs11042-014-2131-y |
| 06 | Cherfaoui M., Boualem M., Aïssani D. and Adjabi S., <i>Choix du Paramètre de Lissage dans l'Estimation à Noyau d'un Matrice de Transition d'un Processus Semi-Markovien</i> . CRAS (C.R. Acad. Sci. Paris - Comptes Rendus de l'Académie des Sciences), Ser. I, Elsevier 353, 273–277, 2015 http://www.sciencedirect.com/science/article/pii/S1631073X14003185 . |
| 07 | Yessad S., Bouallouche-Medjkoune L. and Aïssani, D., <i>A Cross-Layer Routing Protocol for Balancing Energy Consumption in Wireless Sensor Networks</i> . Wireless Personal Communication, Vol. 81, No. 3, pp. 1303-1320, Avril 2015 http://link.springer.com/article/10.1007%2Fs11277-014-2185-1 |
| 08 | Aïssani D. and Sedik D., <i>La Qal`at n'Ath Abbas</i> . Revue Internationale L'Encyclopédie Berbère, Fasc. XXXIX, Peeters Publisher, Leuven (The Nederland), 2015, pp. 6633- |

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|----|--|
| | 6641. |
| 09 | Aïssani D. and Mechehed D., <i>Piraterie</i> . Revue Internationale l'Encyclopédie Berbère, Fasc. XXXVII, Peeters Publisher, Leuven (The Nederland), 2015, pp: 6264-6269. ISBN : 978-90-429-2640- |
| 10 | Aïssani D. and Amara A., <i>La Qal'a des Banu Hammad</i> . Revue Internationale L'Encyclopédie Berbère, Fasc. XXXIX, Peeters Publisher, Leuven (The Nederland), 2015, pp. 6642-6658. |
| 11 | Aïssani D., <i>Sur la traduction en langue berbère de la 'Aqida as-Sughra d'as-Sanusi (1426 – 1490)</i> . Revue Internationale EDB (Etudes et Documents Berbères), Vol. 35-36, Edisud Ed., Paris, 2015, pp. 43 – 62 |
| 12 | Boualem M., Cherfaoui M., Bouchentouf A.A. and Aïssani D., <i>Modeling, Simulation and Performance Analysis of Flexible Production System</i> . European Journal of Pure and Applied Mathematics, 2015 (to appear). 8 (1), 26--49 ISSN 1307-5543 http://www.ejpam.com/index.php/ejpam/article/view/2344 . |
| 13 | Boumaza R, Yousfi S. and Demotes-Mainard S., <i>Interpreting the Principal Component Analysis of Multivariate Density Functions</i> , Communications in Statistics - Theory and Methods, Vol. 44, Issue 16, 2015 pp. 3321-3339, |
| 14 | Sayad L., Aïssani D. and Bouallouche – Medjkoune L., <i>On-Demand Routing Protocol with Tabu Search Based Local Route Repair in Mobile Ad Hoc Networks</i> , Wireless Personal Communication pp 1-22 ., First online: October 2015 http://link.springer.com/article/10.1007%2Fs11277-015-3081-z |
| 15 | Ziane Y., Adjabi S and Zougab N., <i>Adaptive Bayesian bandwidth selection in asymmetric kernel density estimation for nonnegative heavy-tailed data</i> , Journal of Applied Statistics, 42:8, 1645-1658, 2015 http://www.tandfonline.com/doi/full/10.1080/02664763.2015.1004626#abstract |
| 16 | Amad M, Aïssani D, Ahmed Meddahi, Benkerrou M, Amghar F, <i>De Bruijn Graph Based Solution for Lookup Acceleration and Optimization in P2P Networks</i> , in Wireless Personal communications , 2015 |
| 17 | Saadi N., Adjabi S. and Ganoun A., <i>The Selection of Terms in an Orthogonal Series Cumulative Distribution Function Estimator.</i> , Statistical Paper. Under review 2015 http://link.springer.com/journal/362 |
| 18 | Boulfekhar S., Arab A. and Aissani D., Ourbih M., <i>MAC Protocol Design Based on Satellites Presence for Low-Energy Wireless Sensor Networks.</i> , Wireless Pers Commun Journal, DOI 10.1007/s11277-015-2989-7 , 2015. |
| 19 | Guerrouahane N., Farhi N., Aïssani D and Bouallouche-Medjkoune L., <i>A Queuing Model for Road Traffic Simulation</i> . AIP Conference Proceedings 1648, 530012 (2015); doi: 10.1063/1.4912745 |
| 20 | Ikhlef L., Lekadir O. and Aïssani D. (2015), <i>Numerical Analysis of Queueing Network [M/M/1/k₁ +1 → M/M/1/k₂+1]</i> Using Generalized Stochastic Petri Nets". Article soumis pour publication au journal "Computers & operations research". |
| 21 | Ikhlef L., Lekadir O. and Aïssani D (2015), <i>Strong Stability Approximation of M/GI/1 Queueing System by Using the IMRSPN Formalism</i> . Article soumis pour publication au journal "Applied Mathematical Modelling" (2015). |
| 22 | Ikhlef L., Lekadir O. and Aïssani D (2015), <i>Semi-regenerative Approach for Modelling and performance evaluation of M/G/1/N/N queue with retrials and vacation</i> . Article soumis pour publication au journal "Computational and applied mathematics" (2015). |

| | |
|----|--|
| 23 | Touazi A., Benouret Z., Aïssani D et Adjabi S.. <i>Nonparametric estimation of the claim amount in the strong stability analysis of the classical risk model.</i> Soumis pour publication dans la revue « Scandinavian Actuarial Journal » |
| 24 | Hakmi S., Lekadir O. and Aïssani D (2015), <i>GSPN analysis of finite source, non-preemptive priority queueing systems</i> . Article soumis pour publication au journal ``Discret event dynamic systems''. |
| 25 | Hakmi S., Lekadir O and Aïssani D “ <i>Analysis of the $M_2/M_2/I// (N_1,N_2)$ queueing systems with retrial customers using Generalized Stochastic Petri Nets</i> ”, article soumis pour publication au journal “ <i>Advances in applied Mathematics</i> ” |
| 26 | Slimani H., Kheddouci H., <i>Saturated boundary k-alliances in graphs. Discrete Applied Mathematics</i> 185 (2015) 192–207 |
| 27 | Slimani H and Radjef M.S.. <i>Generalized Fritz John optimality in nonlinear programming in the presence of equality and inequality constraints. Operational Research: An International Journal, Septembre 2015</i> , DOI: 10.1007/s12351-015-0206-9. |
| 28 | Slimani H and Radjef M.S.. <i>Weak pseudo-invexity and characterizations of solutions in multiobjective programming. Applied Mathematics & Information Sciences: An International Journal</i> 10 No. 3 (2016) 1-11. |
| 29 | Ouazine S and Abbas K (2015) <i>Development of computational algorithm for multiserver queue with renewal input and synchronous vacation.</i> Applied Mathematical Modelling (In Press) http://dx.doi.org/10.1016/j.apm.2015.06.027 |
| 30 | Ouazine S and Abbas K (2015) <i>A functional approximation for retrial queues with two way communication.</i> Annals of Operations Research (Article accepté). |
| 31 | Boualem M., Bouchentouf A. A., Cherfaoui M. and Aïssani D (2015) <i>Multi-Station Manufacturing System Analysis: Theoretical and Simulation Study.</i> International Journal of Mathematics in Operational Research (In Press) |
| 32 | <u>Adjabi</u> S., <u>Aïssani</u> D., <u>Boualem</u> M. and <u>Cherfaoui</u> M., <i>Quelques propriétés des estimateurs à noyaux gamma pour des échantillons de petites tailles.</i> , Afrika Statistika., Volume 10, <u>Number 1</u> (2015), 763-776. http://projecteuclid.org/euclid.as/1447439366 |
| 33 | Slimani H. and Radjef M.S.. <i>Fritz John type optimality and duality in nonlinear programming under weak pseudo-invexity.</i> , RAIRO-Oper. Res. Volume 49 , Number 3., pp 451 - 472 http://www.rairo-ro.org/articles/ro/abs/2015/03/ro140046/ro140046.html |
| 34 | Boulaiche M., Bouallouche Medjkoune L. <i>EGGR: Energy-aware and delivery Guarantee Geographic Routing protocol.</i> Wireless Networks 21(6) : 1765-1774 (2015) |
| 35 | Ziani S., Rahmoune F. and Radjef M.S.. <i>CustomersS Strategic Behavior in Batch Arrivals $M^2/M/1$ Queue.</i> European Journal of Operational Research, Volume 247, Issue 3,2015, Pages 895-903. |
| 36 | Bibi M.O. and Bentobache M., <i>A hybrid direction algorithm for solving linear programs, International Journal of Computer Mathematics</i> , Vol. 92, N°l, pp. 201-216,2015. |
| 37 | Bentobache M. and Bibi M.O., <i>A hybrid direction algorithm with long step rule for linear programming: numerical experiments.</i> Volume of Series: "Advances in Intelligent Systems and Computing", Vo1.359, pp. 333-344, Springer, 2015 |

| | |
|----|---|
| 38 | Hassaini K. and Bibi M.O., <i>Resolution of a quadratic programming problem with an M-matrix</i> . Paper submitted to the review "Computational Mathematics and Mathematical Physics", 2015 |
| 39 | Djemai S., Brahmi B.. and Bibi M. O., <i>A primal-dual Method for SVM Training</i> . Paper submitted to the review "Neurocomputing", 2015. |
| 40 | Brahmi B and Bibi M. O., <i>An adaptive method for training SVM problems</i> . Paper submitted to the review "Journal of Machine Learning Research", 2015. |