**Université 8 mai 1945 Guelma**

**Faculté FST**

**Publications 2018**

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| **N°** | **Publications** |
|  | Fisli, S., Djendi, M.  [Blind speech intelligiblility enhancement by a new dual modified predator-prey particle swarm optimization algorithm](https://www.scopus.com/record/display.uri?eid=2-s2.0-85049727492&origin=resultslist) Applied Acoustics, 141, pp. 125-135. |
|  | Bachir Bouiadjra, R., Sedraoui, M., Younsi, A.  [Robust fractional PID controller synthesis approach for the permanent magnetic synchronous motor](https://www.scopus.com/record/display.uri?eid=2-s2.0-85056575104&origin=resultslist) (2018) International Journal of Machine Learning and Cybernetics, 9 (12), pp. 2027-2041. |
|  | Laouadi, B., Lahmar, M., Bou-Saïd, B., Mouassa, A., Boucherit, H.  [Analysis of couple-stress effects in gas foil bearings using the V. K. Stokes micro-continuum theory](https://www.scopus.com/record/display.uri?eid=2-s2.0-85052436854&origin=resultslist) (2018) Lubrication Science, 30 (8), pp. 401-439. |
|  | Boulsina, F., Gautier, B.  [Iterative deconvolution using the MRI model for removing experimental broadening and shift effects in SIMS depth profiles](https://www.scopus.com/record/display.uri?eid=2-s2.0-85053472864&origin=resultslist) (2018) Surface and Interface Analysis, 50 (12-13), pp. 1336-1342. |
|  | Guenfoud, H., Himeur, M., Ziou, H., Guenfoud, M. [The use of the strain approach to develop a new consistent triangular thin flat shell finite element with drilling rotation](https://www.scopus.com/record/display.uri?eid=2-s2.0-85057179358&origin=resultslist) (2018) Structural Engineering and Mechanics, 68 (4), pp. 385-398. |
|  | Mehallel, E., Abed, D., Boukrouche, A., Medjouri, A.[PAPR reduction in ECMA-368 UWB communication systems using parametric discrete sliding norm transform](https://www.scopus.com/record/display.uri?eid=2-s2.0-85052825898&origin=resultslist) (2018) International Journal of Communication Systems, 31 (17), art. no. e3804, . |
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|  | Gueroui, Y., Maoui, A., Touati, H., Guettaf, M., Bousbia, A.  [Hydrogeochemical and environmental isotopes study of the northeastern Algerian thermal waters](https://www.scopus.com/record/display.uri?eid=2-s2.0-85056581335&origin=resultslist) (2018) Environmental Earth Sciences, 77 (22), art. no. 747, |
|  | Belghiat, C., Messabhia, A., Plassiard, J.-P., Guenfoud, M., Plé, O., Perrotin, P.  [Experimental study of double-panel confined masonry walls under lateral loading](https://www.scopus.com/record/display.uri?eid=2-s2.0-85053044583&origin=resultslist) (2018) Journal of Building Engineering, 20, pp. 531-543. |
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